

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110377.D
 Acq On : 1 Nov 2018 19:39
 Operator : JU/SJ
 Sample : J5747-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 04:42:48 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	78853	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	305195	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	129416	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	197775	20.00	ng	0.00
76) Chrysene-d12	14.14	240	158574	20.00	ng	0.00
87) Perylene-d12	15.66	264	171442	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	574855	118.72	ng	0.01
7) Phenol-d6	6.59	99	719906	116.23	ng	0.00
23) Nitrobenzene-d5	7.52	82	452047	87.85	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	137649	107.37	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	811829	98.50	ng	0.00
79) Terphenyl-d14	13.07	244	572813	75.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	68452	26.982	ng	89
3) Pyridine	3.68	79	19275	3.411	ng	94
4) n-Nitrosodimethylamine	3.58	42	102817	43.431	ng	92
6) Aniline	6.62	93	133561	16.554	ng	# 53
8) 2-Chlorophenol	6.75	128	218209	39.087	ng	98
9) Benzaldehyde	6.51	77	164697	48.852	ng	98
10) Phenol	6.60	94	302965	45.762	ng	# 65
11) bis(2-Chloroethyl)ether	6.69	93	198690	36.478	ng	96
12) 1,3-Dichlorobenzene	6.90	146	231957	37.756	ng	98
13) 1,4-Dichlorobenzene	6.97	146	236002	37.982	ng	98
14) 1,2-Dichlorobenzene	7.13	146	224127	38.856	ng	98
15) Benzyl Alcohol	7.09	79	190411	39.972	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	327384	37.593	ng	69
17) 2-Methylphenol	7.20	107	175313	39.404	ng	# 80
18) Hexachloroethane	7.47	117	87321	38.385	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	144663	36.408	ng	96
20) 3+4-Methylphenols	7.36	107	219309	38.134	ng	# 89
22) Acetophenone	7.36	105	302903	43.073	ng	# 95
24) Nitrobenzene	7.54	77	223654	42.101	ng	96
25) Isophorone	7.77	82	396359	45.190	ng	96
26) 2-Nitrophenol	7.86	139	111357	44.050	ng	93
27) 2,4-Dimethylphenol	7.89	122	183609	43.808	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	251220	42.162	ng	99
29) 2,4-Dichlorophenol	8.09	162	172086	40.640	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	194636	41.037	ng	94
31) Naphthalene	8.26	128	617862	43.926	ng	99
32) Benzoic acid	7.96	122	22271	6.875	ng	95
33) 4-Chloroaniline	8.31	127	134423	21.234	ng	97
34) Hexachlorobutadiene	8.37	225	108441	41.178	ng	100
35) Caprolactam	8.67	113	14860	10.069	ng	93
36) 4-Chloro-3-methylphenol	8.79	107	176329	38.509	ng	96
37) 2-Methylnaphthalene	8.95	142	413002	44.377	ng	100
38) 1-Methylnaphthalene	9.05	142	387097	43.042	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	175575	43.542	ng	98

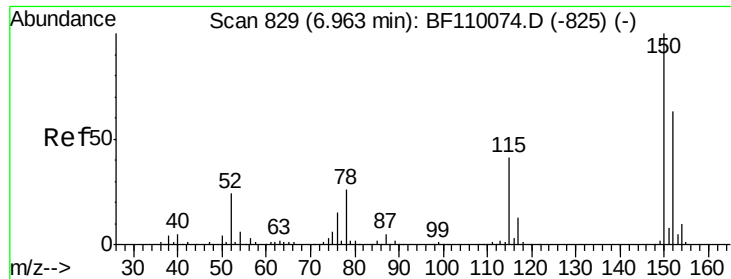
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110377.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	129460	62.788	ng	100
43) 2,4,6-Trichlorophenol	9.23	196	109437	42.078	ng	99
44) 2,4,5-Trichlorophenol	9.27	196	113168	41.165	ng	96
46) 1,1'-Biphenyl	9.42	154	485188	41.458	ng	99
47) 2-Chloronaphthalene	9.45	162	365040	42.523	ng	100
48) 2-Nitroaniline	9.54	65	107147	41.188	ng	98
49) Acenaphthylene	9.86	152	553203	44.616	ng	100
50) Dimethylphthalate	9.71	163	497568	52.084	ng	100
51) 2,6-Dinitrotoluene	9.78	165	85259	41.432	ng	95
52) Acenaphthene	10.03	154	330277	40.265	ng	97
53) 3-Nitroaniline	9.95	138	71255	29.118	ng	96
54) 2,4-Dinitrophenol	10.06	184	28844	38.208	ng	86
55) Dibenzofuran	10.20	168	465992	40.576	ng	97
56) 4-Nitrophenol	10.12	139	147836	81.626	ng	87
57) 2,4-Dinitrotoluene	10.19	165	107311	41.056	ng	91
58) Fluorene	10.55	166	361252	42.266	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	78577	35.067	ng	97
60) Diethylphthalate	10.41	149	374008	40.106	ng	100
61) 4-Chlorophenyl-phenylether	10.53	204	179191	39.742	ng	98
62) 4-Nitroaniline	10.57	138	75724	31.112	ng	91
63) Azobenzene	10.70	77	365235	39.457	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	31233	34.566	ng	97
66) n-Nitrosodiphenylamine	10.65	169	301566	46.488	ng	97
67) 4-Bromophenyl-phenylether	11.03	248	96764	45.105	ng	94
68) Hexachlorobenzene	11.10	284	100383	44.101	ng	97
69) Atrazine	11.17	200	87928	42.891	ng	99
70) Pentachlorophenol	11.29	266	78649	59.256	ng	97
71) Phenanthrene	11.52	178	464419	44.878	ng	99
72) Anthracene	11.57	178	481525	46.422	ng	97
73) Carbazole	11.72	167	381252	37.644	ng	99
74) Di-n-butylphthalate	12.03	149	505546	44.197	ng	99
75) Fluoranthene	12.70	202	432963	41.225	ng	99
77) Benzidine	13.07	184	7732	0.412	ng	# 92
78) Pyrene	12.94	202	431212	37.931	ng	98
80) Butylbenzylphthalate	13.54	149	204804	41.506	ng	95
81) Benzo(a)anthracene	14.13	228	423210	45.004	ng	100
82) 3,3'-Dichlorobenzidine	14.08	252	95072	29.034	ng	99
83) Chrysene	14.16	228	401649	44.969	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	279243	41.864	ng	98
85) Di-n-octyl phthalate	14.70	149	511081	49.276	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	444488	59.987	ng	98
88) Benzo(b)fluoranthene	15.21	252	444085	44.856	ng	100
89) Benzo(k)fluoranthene	15.24	252	399798	41.077	ng	99
90) Benzo(a)pyrene	15.60	252	424230	46.569	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	371153	47.218	ng	99
92) Benzo(g,h,i)perylene	17.70	276	343990	44.410	ng	96

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

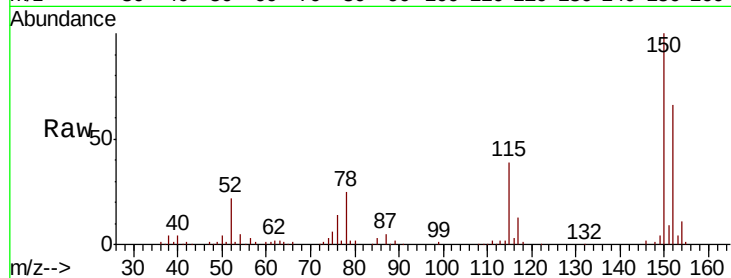


#1

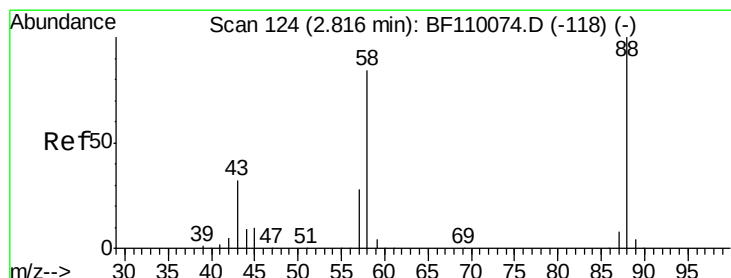
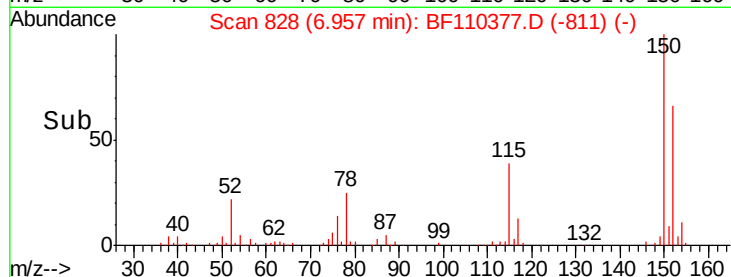
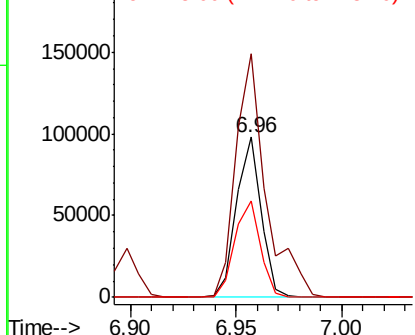
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78853
Ion Ratio Lower Upper
152 100
150 152.3 122.7 184.1
115 60.1 49.1 73.7



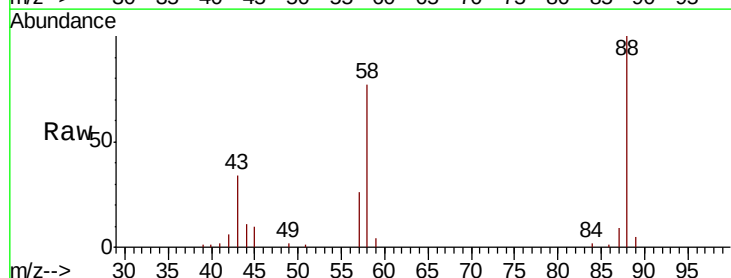
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



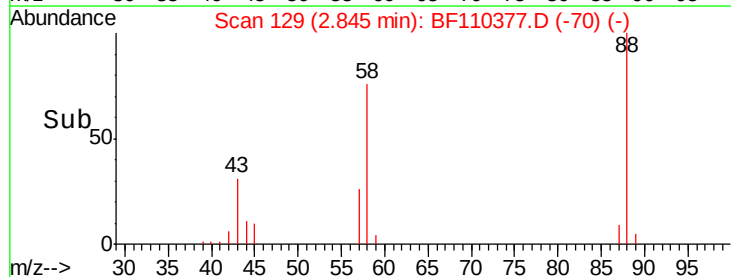
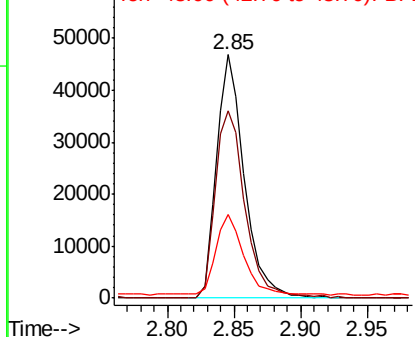
#2

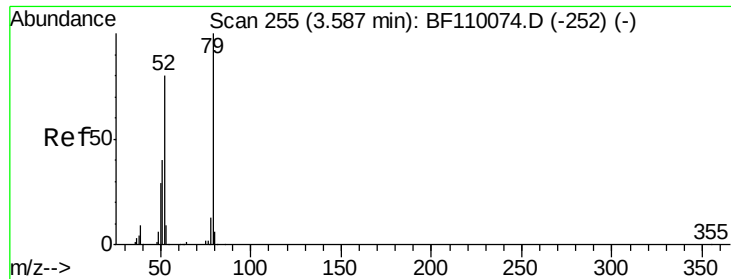
1,4-Dioxane
Concen: 26.982 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.05 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion: 88 Resp: 68452
Ion Ratio Lower Upper
88 100
58 83.0 57.1 85.7
43 33.0 24.1 36.1



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





#3

Pvridine

Concen: 3.411 ng

RT: 3.68 min Scan# 271

Delta R.T. 0.10 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

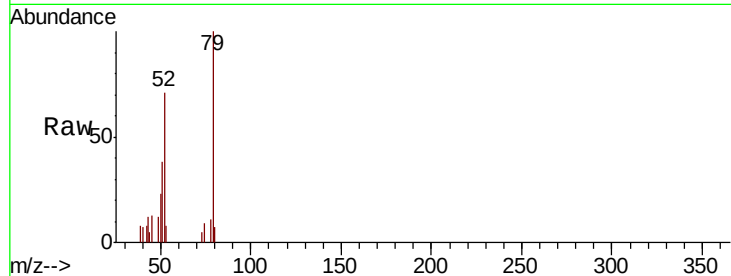
Tot Ion: 79 Resp: 19275

Ion Ratio Lower Upper

79 100

52 70.5 53.1 79.7

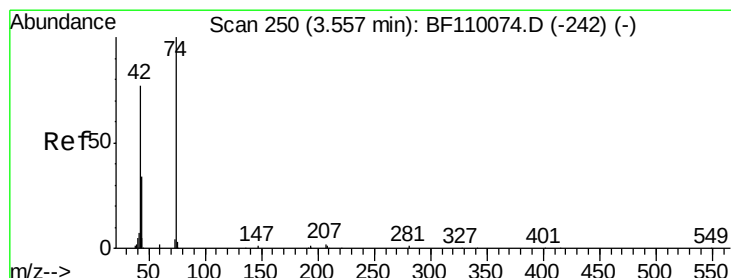
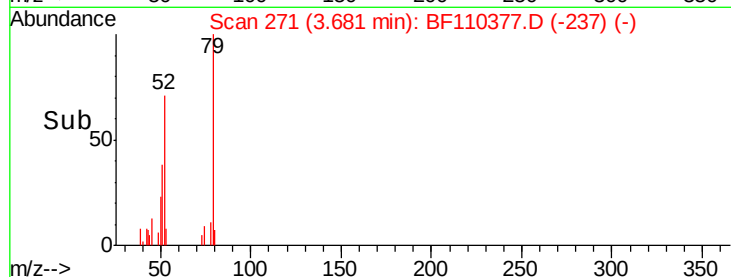
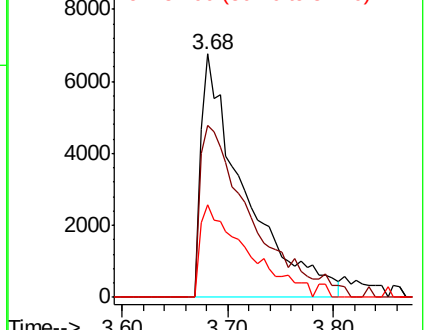
51 38.2 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.431 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.04 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

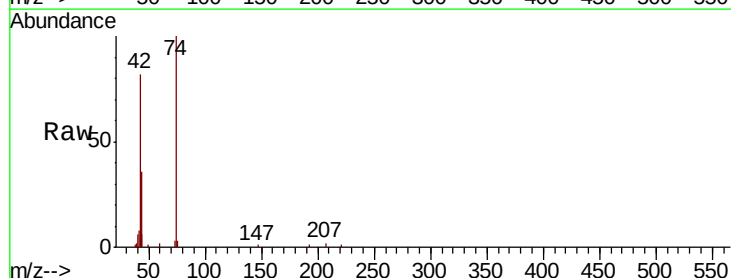
Tgt Ion: 42 Resp: 102817

Ion Ratio Lower Upper

42 100

74 122.3 105.5 158.3

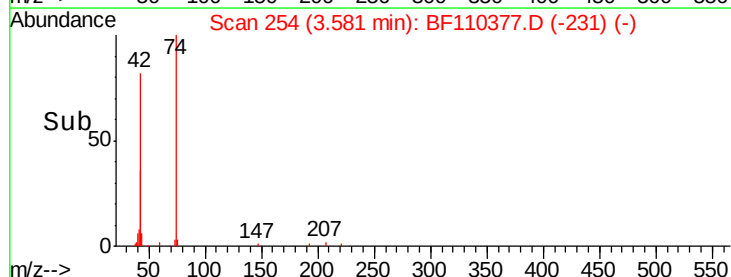
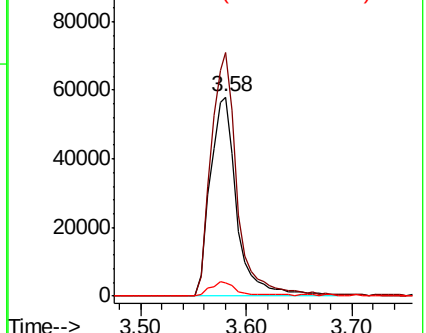
44 6.9 4.9 7.3

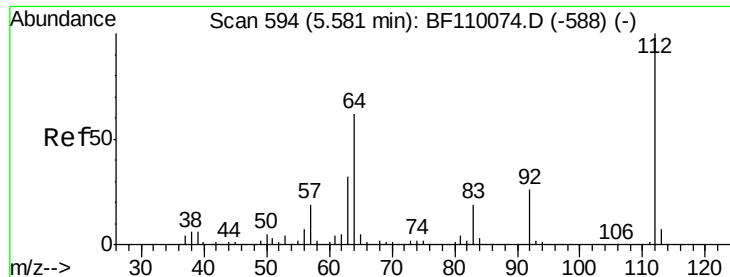


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.718 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF110377.D

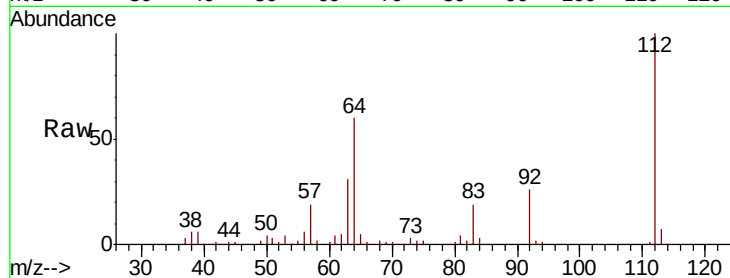
Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

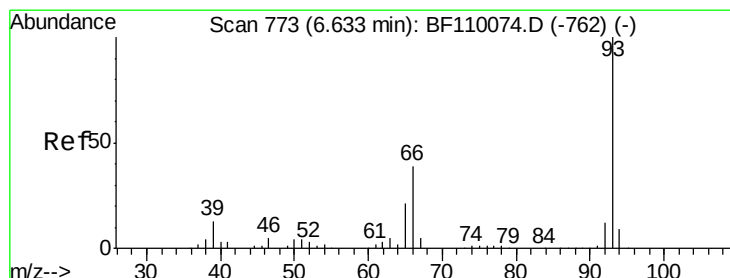
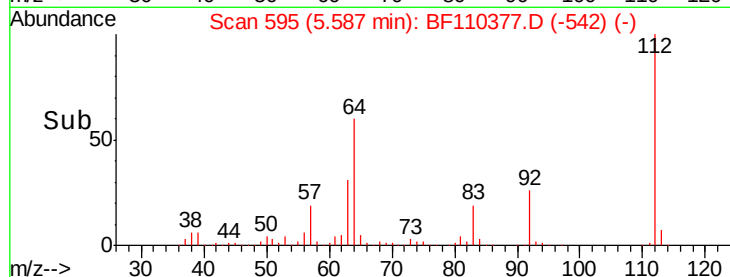
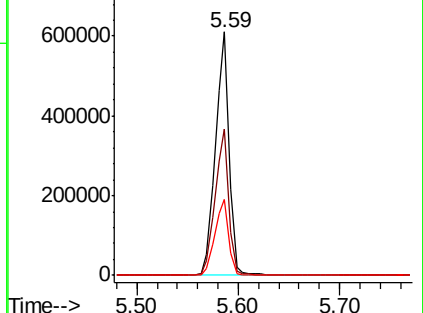
Tot Ion:	112	Resp:	574855
Ion	Ratio	Lower	Upper
112	100		
64	60.0	44.1	66.1
63	31.4	23.7	35.5



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: 16.554 ng

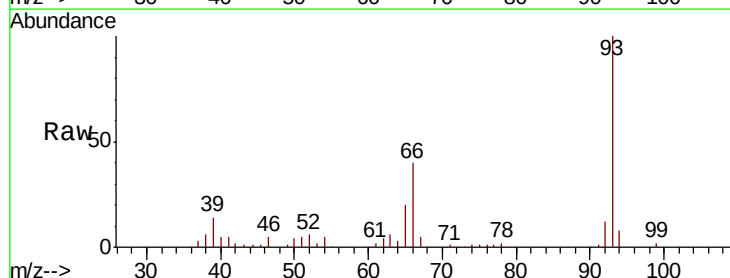
RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

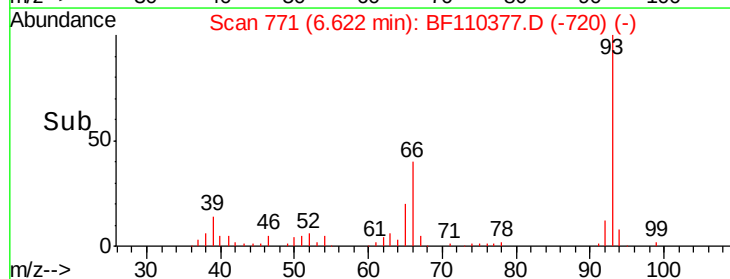
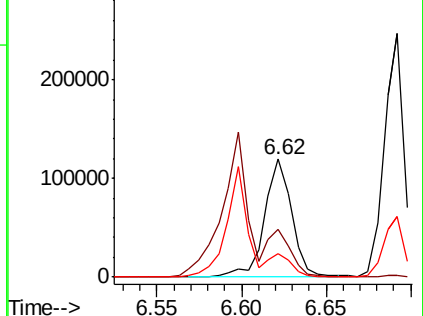
Tgt Ion:	93	Resp:	133561
Ion	Ratio	Lower	Upper
93	100		
66	40.2	67.4	101.0#
65	20.3	41.0	61.4#

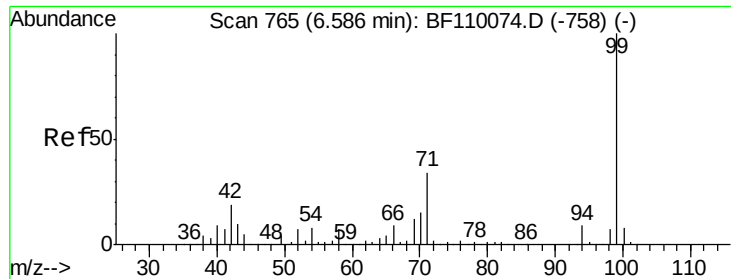


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.235 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

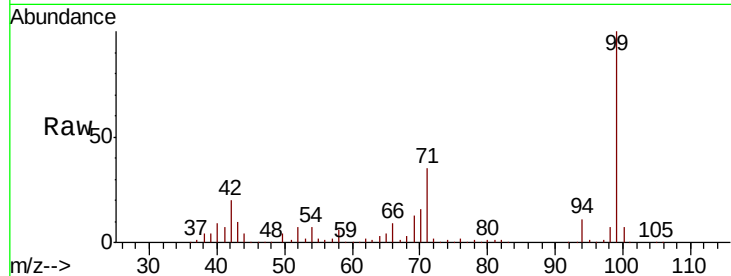
Tot Ion: 99 Resp: 719906

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.6

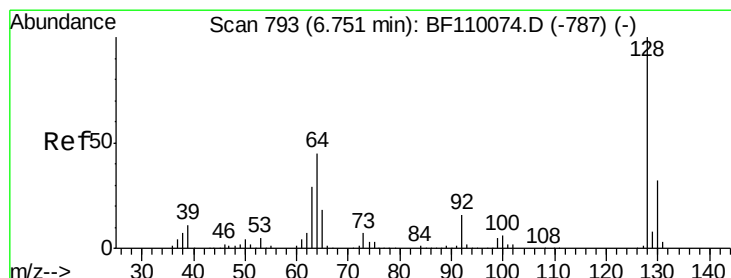
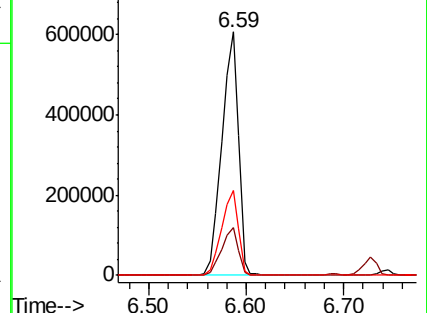
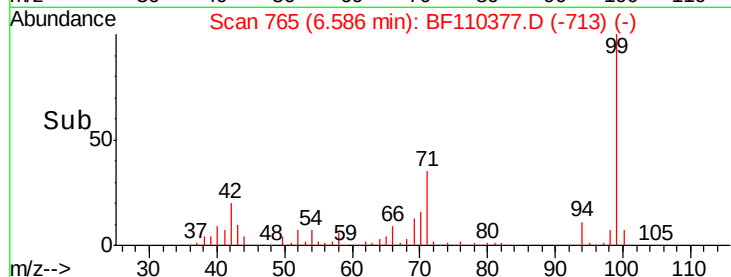
71 35.1 28.0 42.0



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: 39.087 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

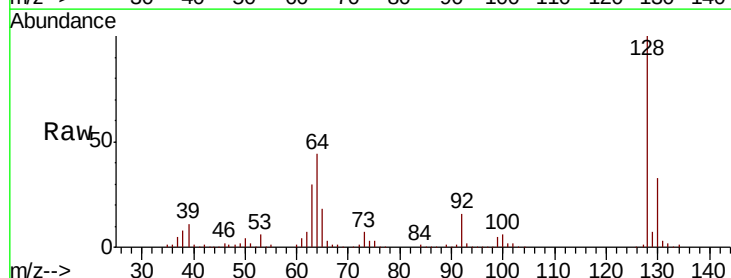
Tgt Ion: 128 Resp: 218209

Ion Ratio Lower Upper

128 100

130 33.0 13.1 53.1

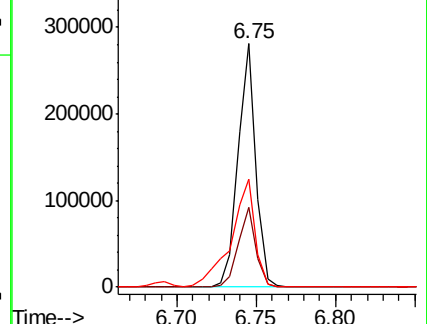
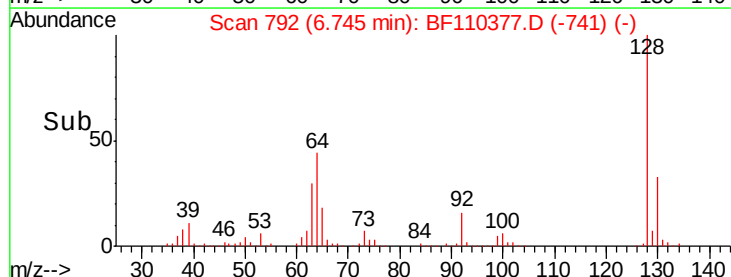
64 44.2 26.0 66.0

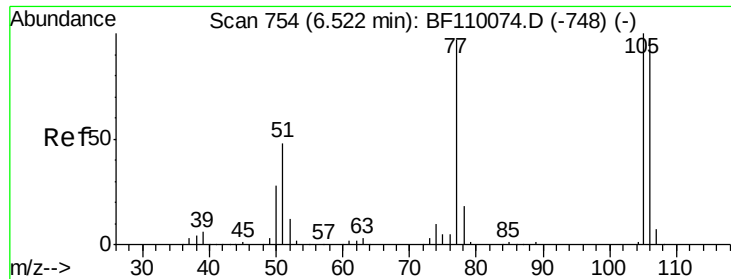


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 48.852 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampled :

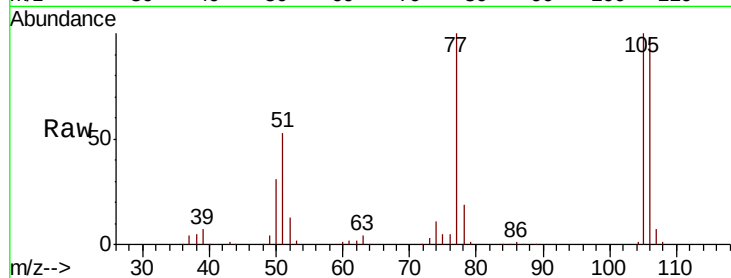
Tot Ion: 77 Resp: 164697

Ion Ratio Lower Upper

77 100

105 99.9 78.6 118.6

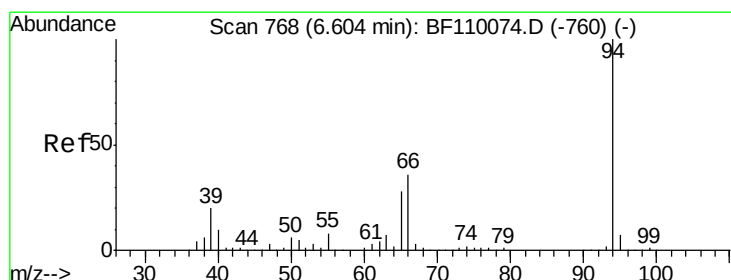
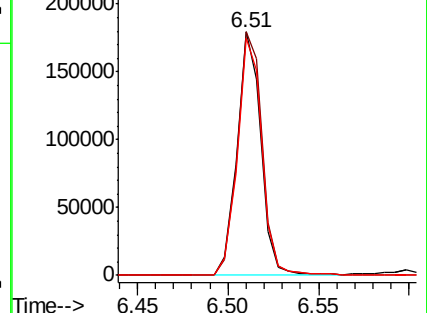
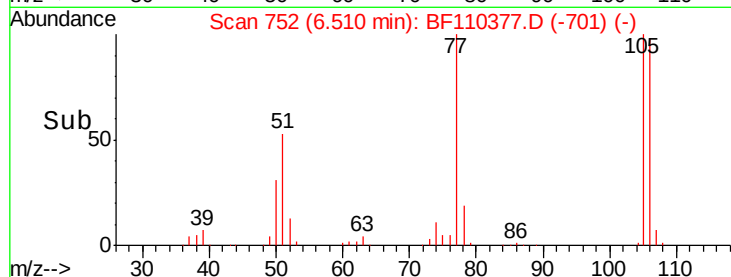
106 97.7 74.8 114.8



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: 45.762 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

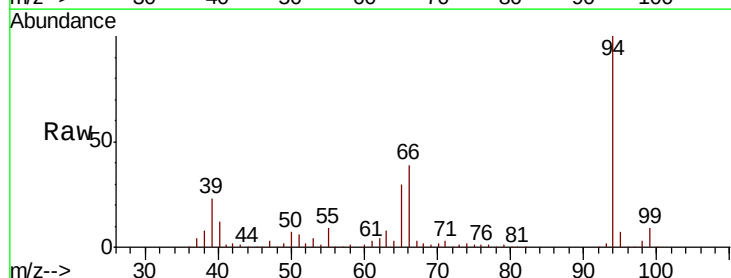
Tgt Ion: 94 Resp: 302965

Ion Ratio Lower Upper

94 100

65 29.9 25.3 65.3

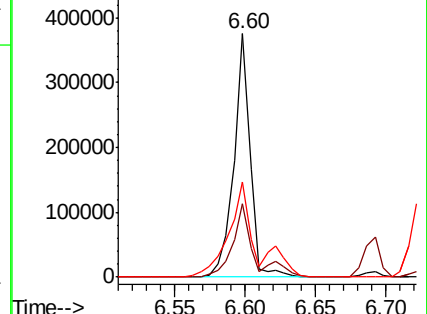
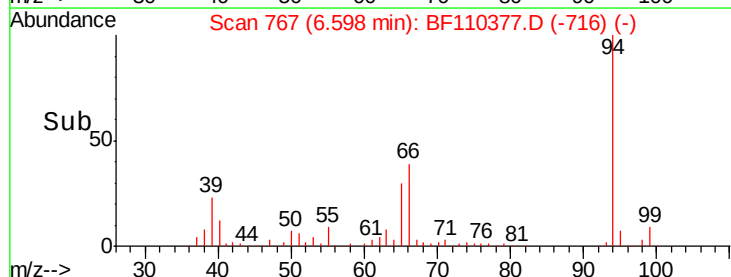
66 39.1 54.5 94.5#

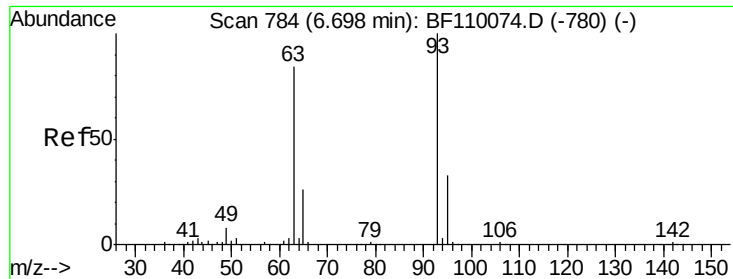


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

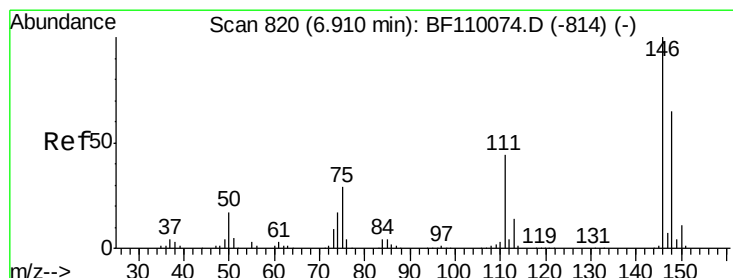
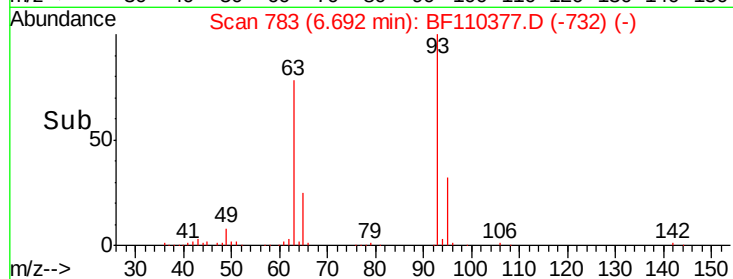
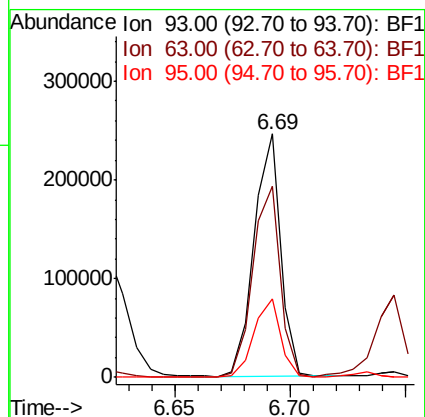
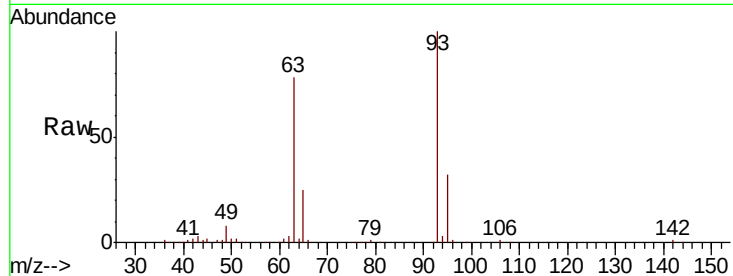




#11
 bis(2-Chloroethyl)ether
 Concen: 36.478 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

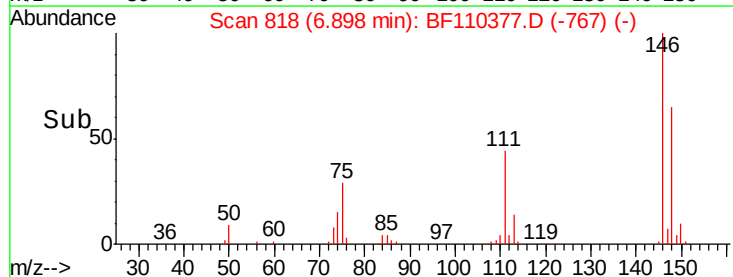
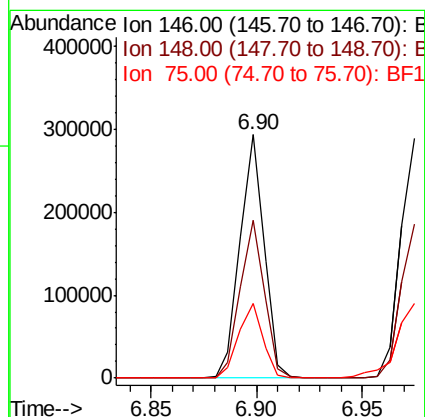
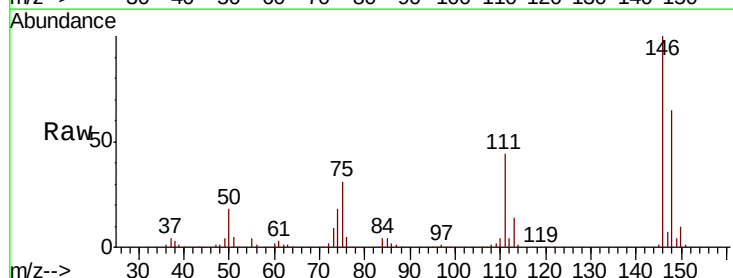
Instrument :
 BNA_F
 ClientSampleId :

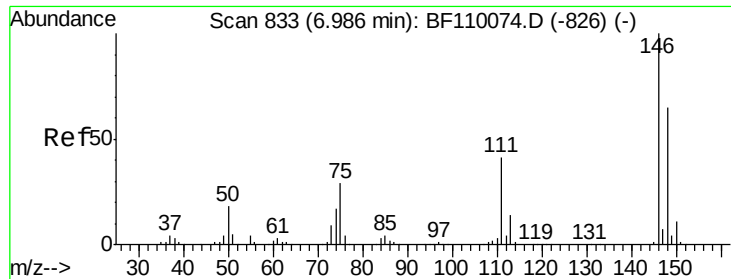
Tot Ion: 93 Resp: 198690
 Ion Ratio Lower Upper
 93 100
 63 78.3 53.4 93.4
 95 32.5 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 37.756 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

Tgt Ion: 146 Resp: 231957
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.4 75.6
 75 30.6 25.8 38.6

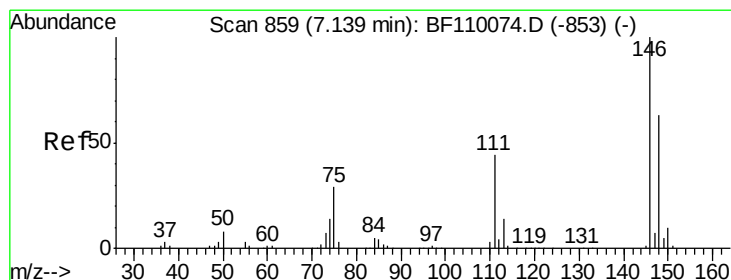
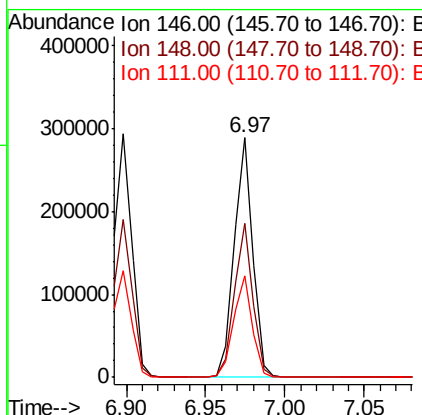
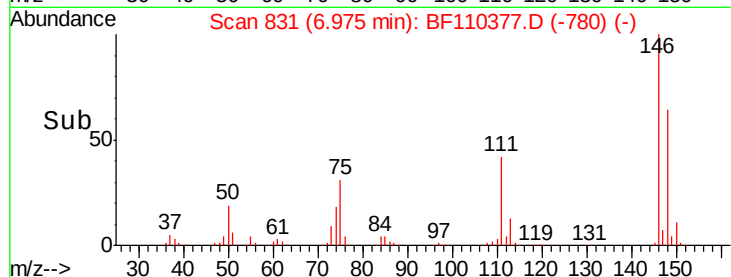
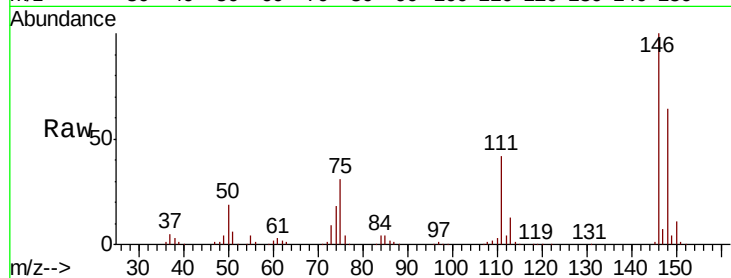




#13
 1,4-Dichlorobenzene
 Concen: 37.982 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

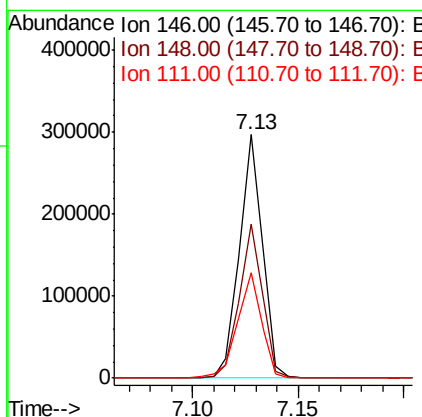
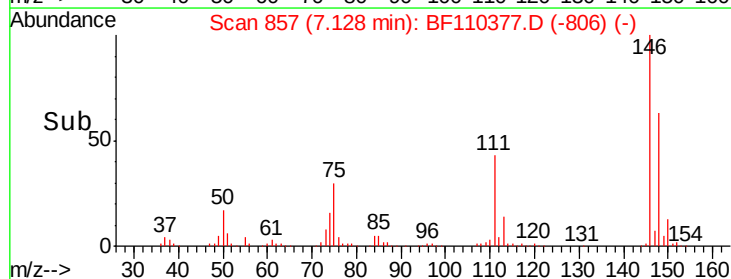
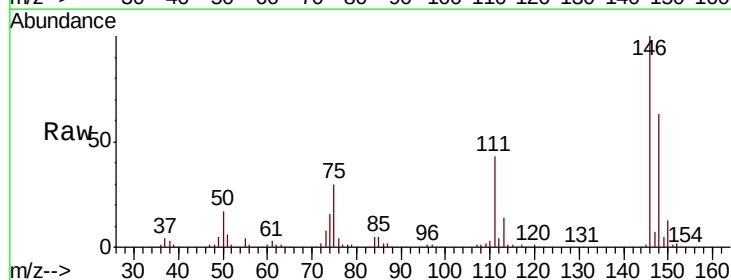
Instrument :
 BNA_F
 ClientSampleId :

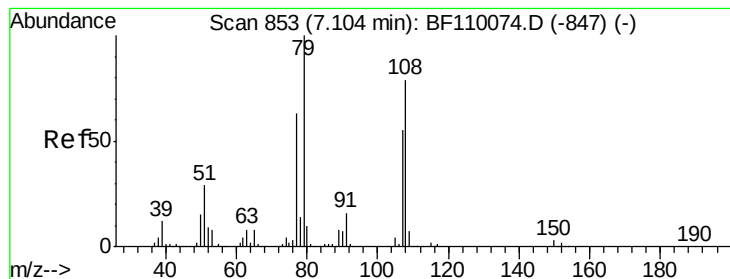
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.3	75.5
111	42.5	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 38.856 ng
 RT: 7.13 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	43.0	35.8	53.6





#15

Benzyl Alcohol

Concen: 39.972 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

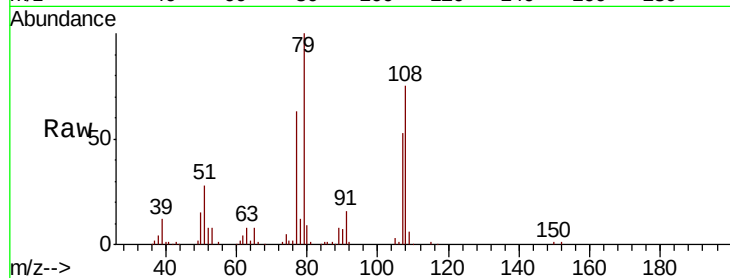
Tot Ion: 79 Resp: 190411

Ion Ratio Lower Upper

79 100

108 75.5 56.3 84.5

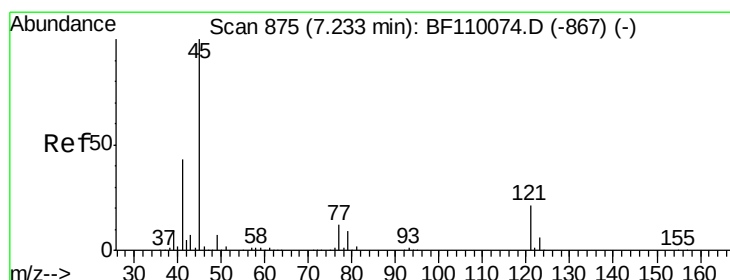
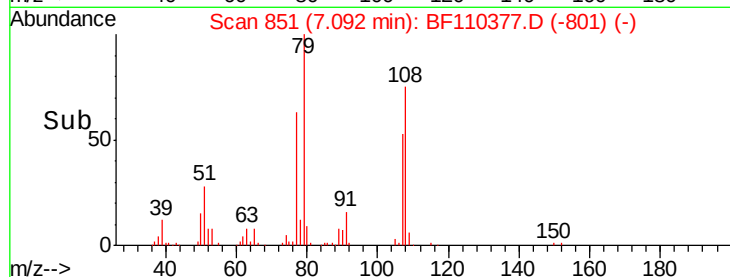
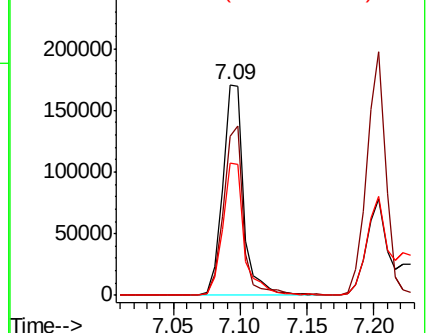
77 62.7 52.9 79.3



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: 37.593 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

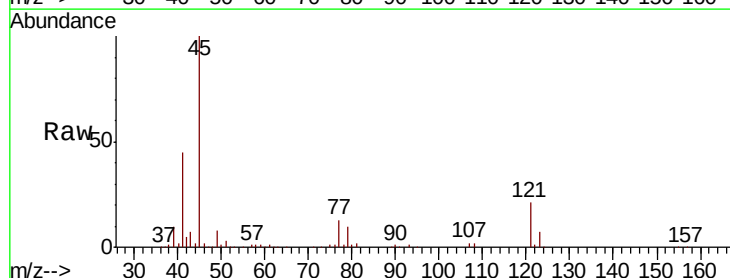
Tgt Ion: 45 Resp: 327384

Ion Ratio Lower Upper

45 100

77 13.3 10.0 50.0

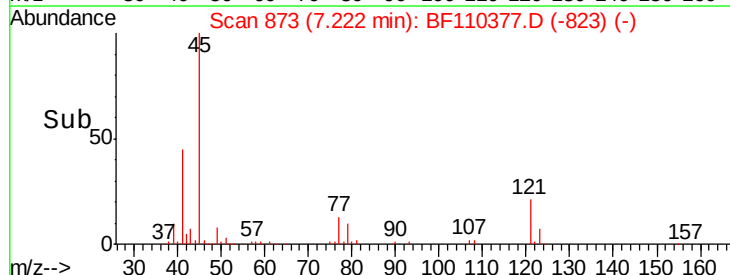
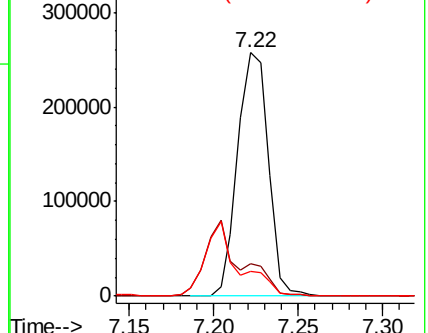
79 10.0 6.1 46.1

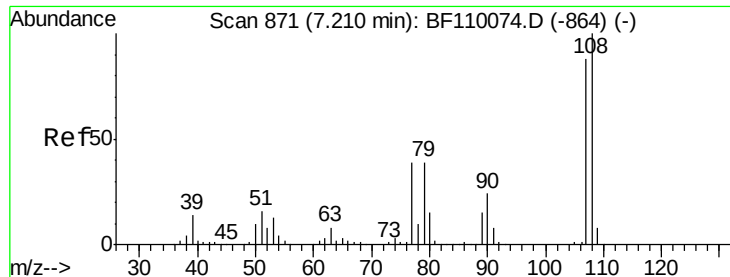


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

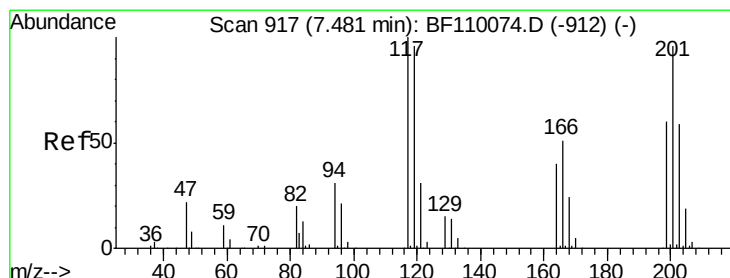
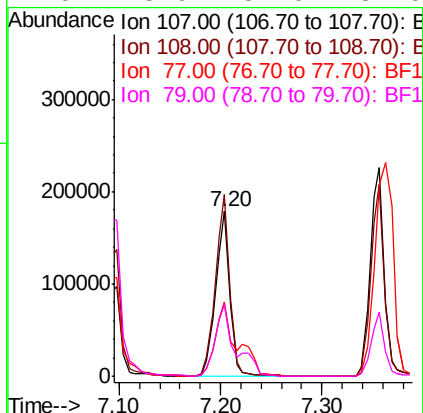
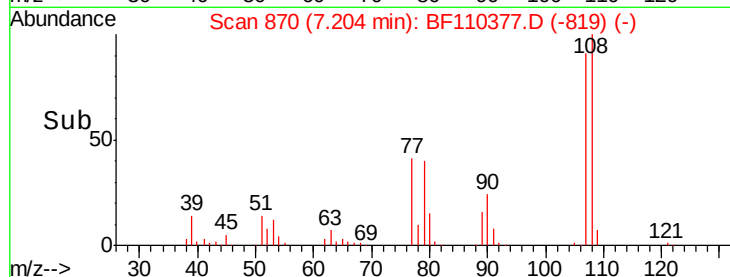
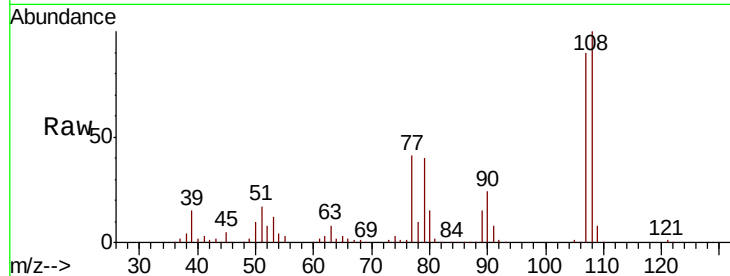




#17
2-Methylphenol
Concen: 39.404 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

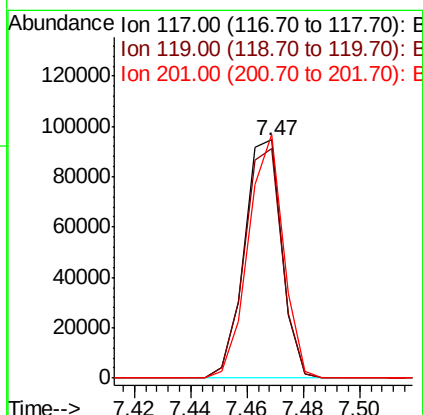
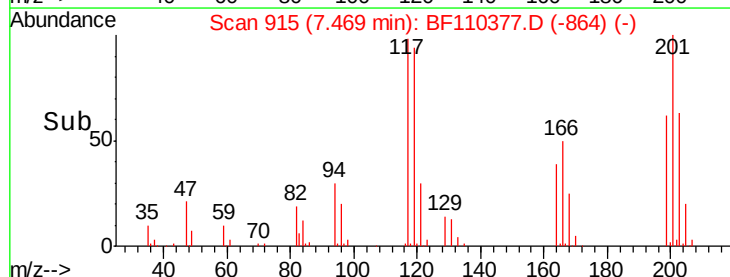
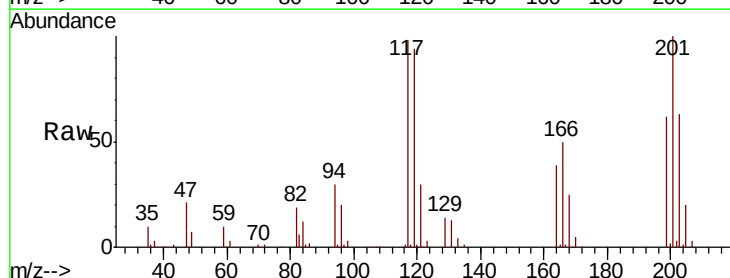
Instrument :
BNA_F
ClientSampleId :

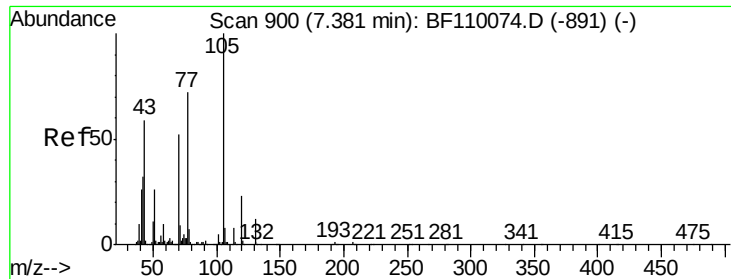
Tot Ion:107 Resp: 175313
Ion Ratio Lower Upper
107 100
108 110.6 92.6 138.8
77 45.0 59.4 89.2#
79 43.9 54.0 81.0#



#18
Hexachloroethane
Concen: 38.385 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion:117 Resp: 87321
Ion Ratio Lower Upper
117 100
119 96.5 75.0 112.6
201 102.2 79.2 118.8

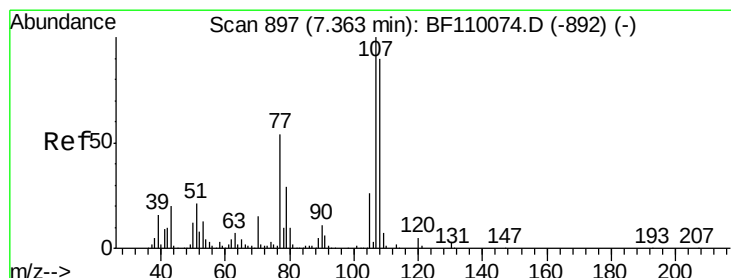
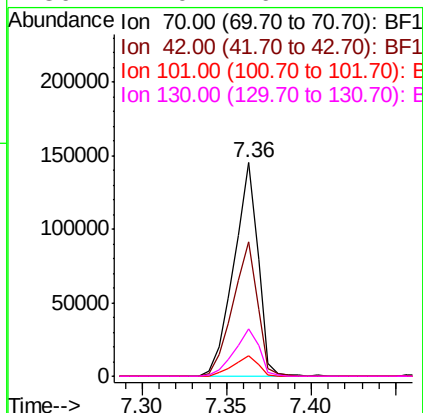
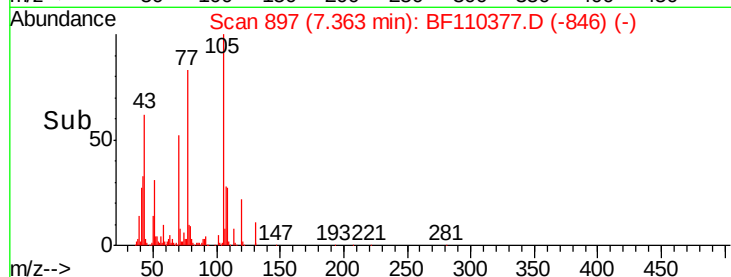
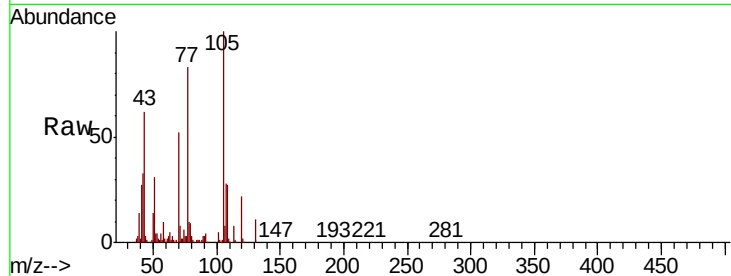




#19
n-Nitroso-di-n-propylamine
Concen: 36.408 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

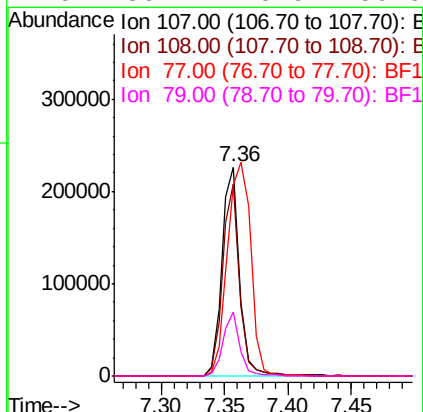
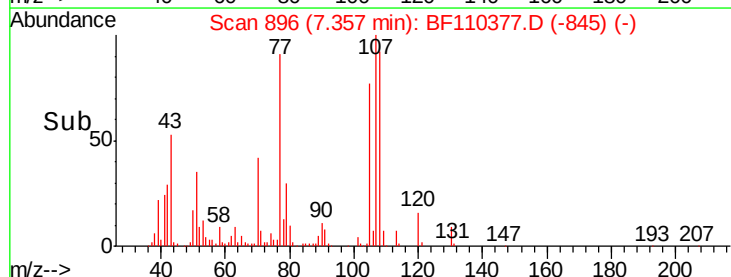
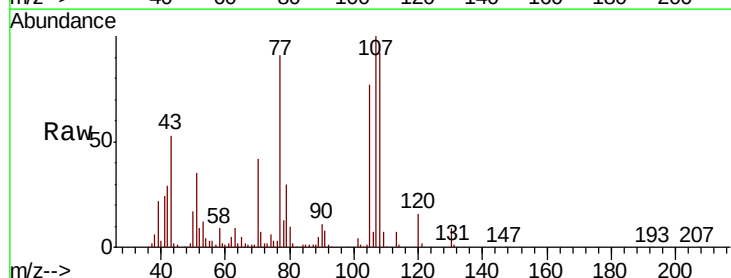
Instrument :
BNA_F
ClientSampled :

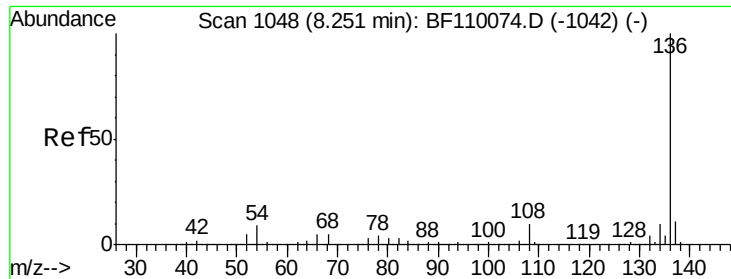
Tot Ion: 70 Resp: 144663
Ion Ratio Lower Upper
70 100
42 63.0 47.4 71.2
101 9.7 7.3 10.9
130 22.0 16.2 24.2



#20
3+4-Methylphenols
Concen: 38.134 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion: 107 Resp: 219309
Ion Ratio Lower Upper
107 100
108 91.7 71.4 111.4
77 91.3 47.3 87.3#
79 30.4 10.9 50.9

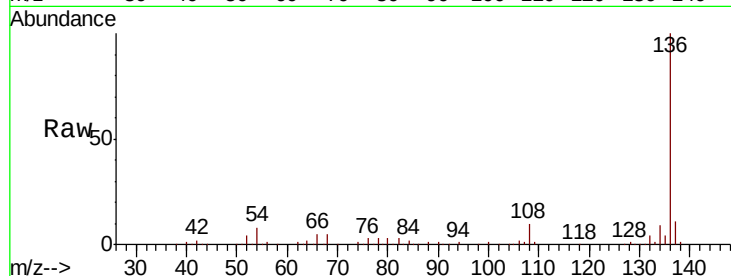




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	305195
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.7	5.4 8.2
68	5.1	4.2 6.2



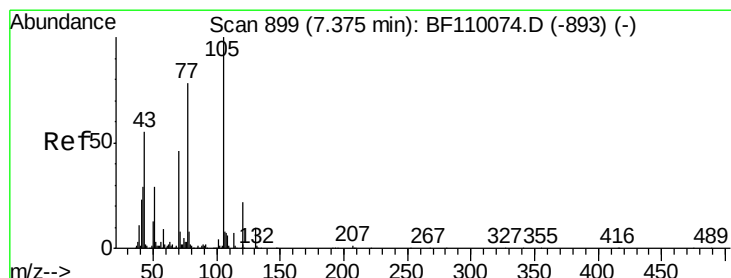
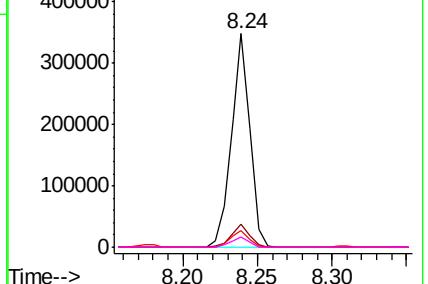
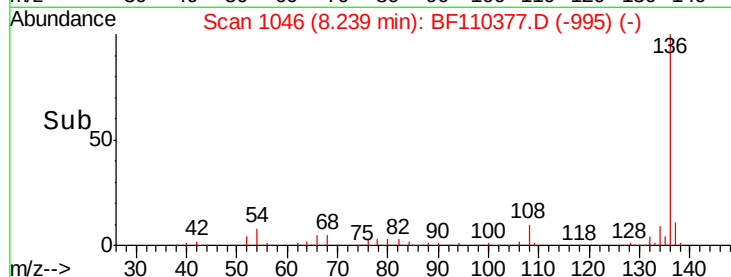
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

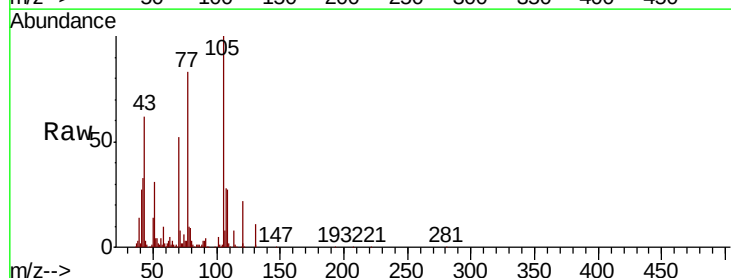
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 43.073 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion:105	Resp:	302903
Ion Ratio	Lower	Upper
105	100	
71	8.3	5.2 7.8#
51	31.0	21.8 32.8
120	21.8	17.0 25.4



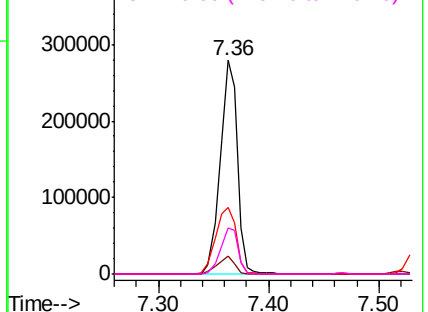
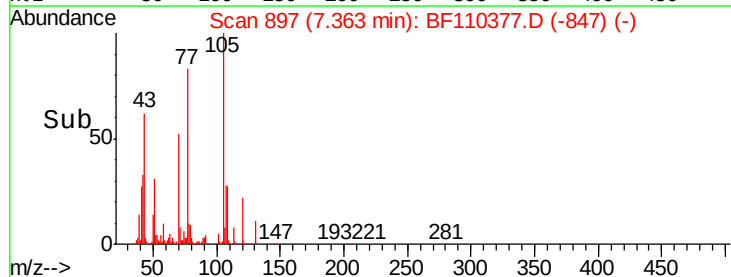
Abundance

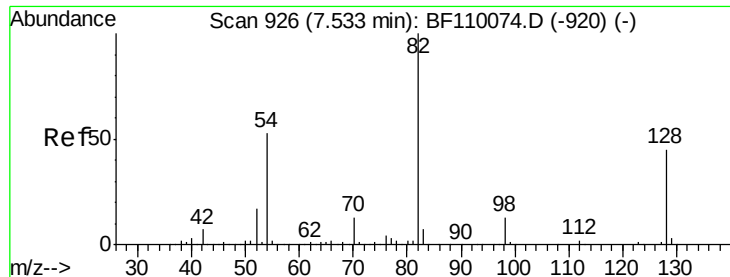
Ion 105.00 (104.70 to 105.70): E

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

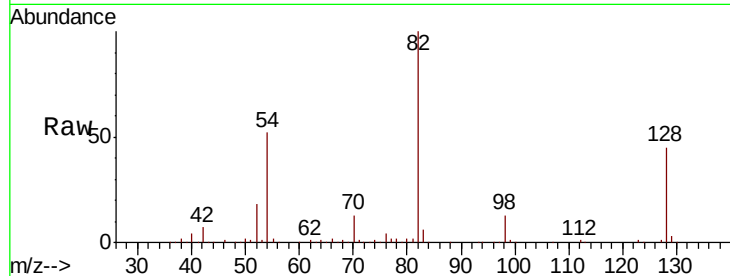




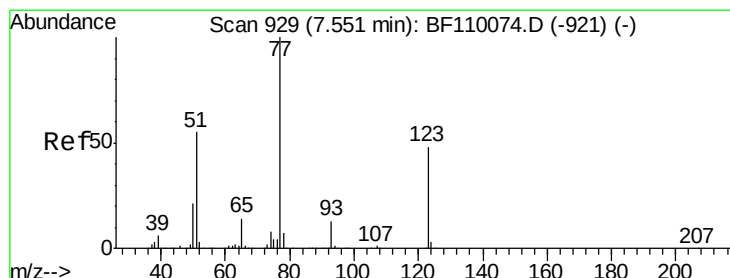
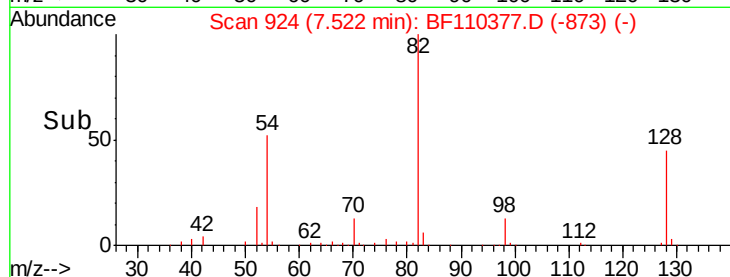
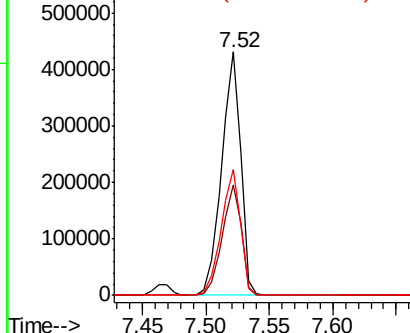
#23
Nitrobenzene-d5
Concen: 87.853 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	452047
Ion Ratio	100	Lower	Upper
128	45.4	34.2	51.2
54	51.8	38.6	58.0

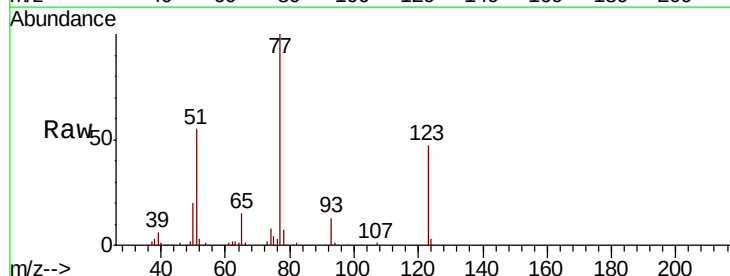


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

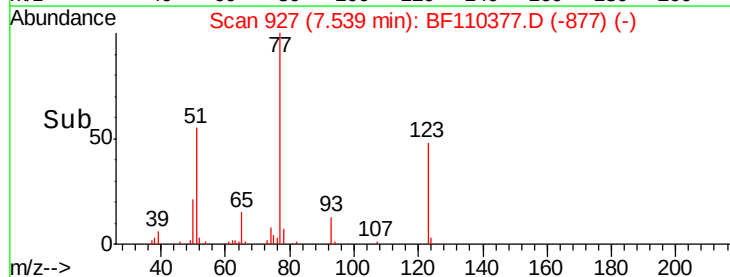
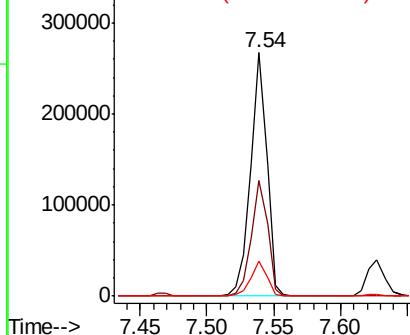


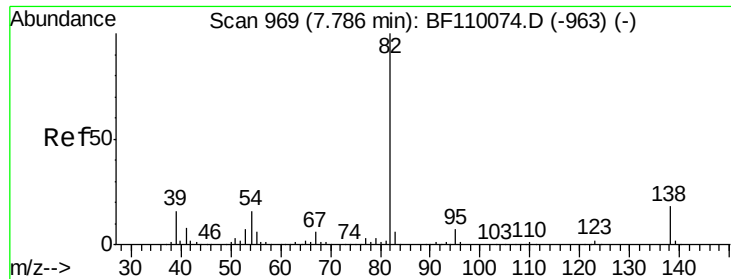
#24
Nitrobenzene
Concen: 42.101 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion	77	Resp	223654
Ion Ratio	100	Lower	Upper
123	47.2	35.7	53.5
65	14.6	10.7	16.1



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

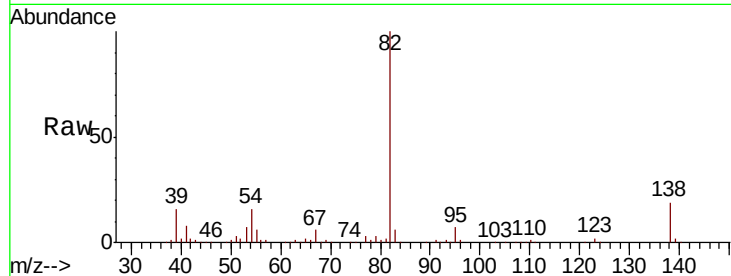




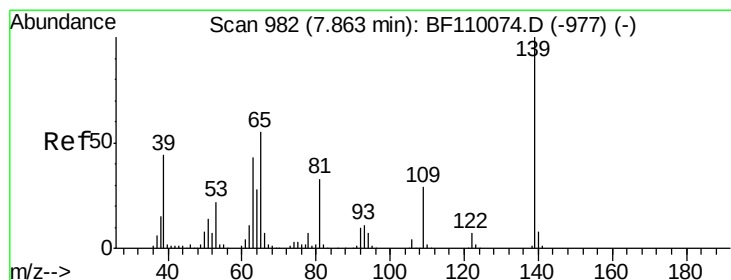
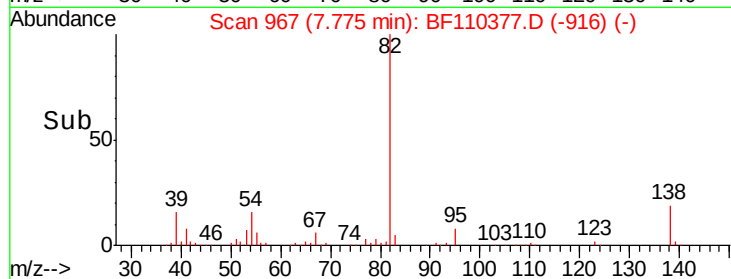
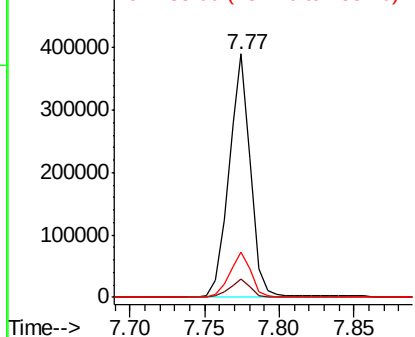
#25
Isophorone
Concen: 45.190 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 396359
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.6 13.2 19.8

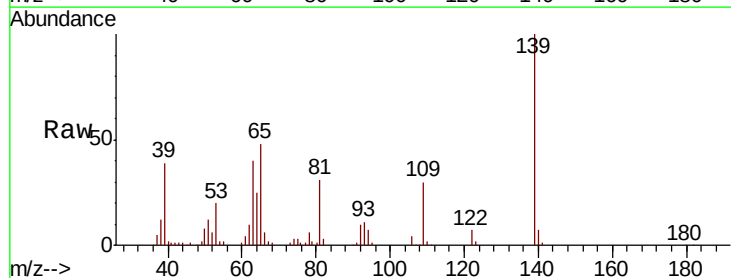


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

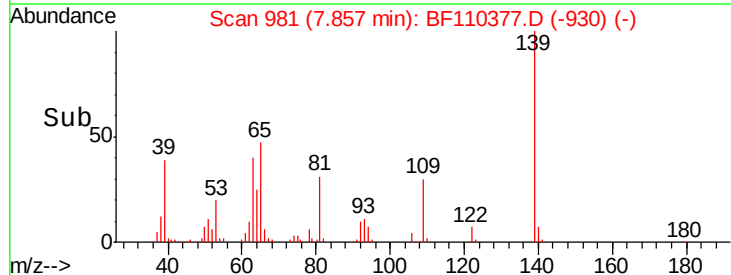
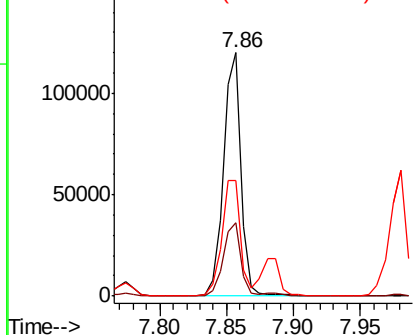


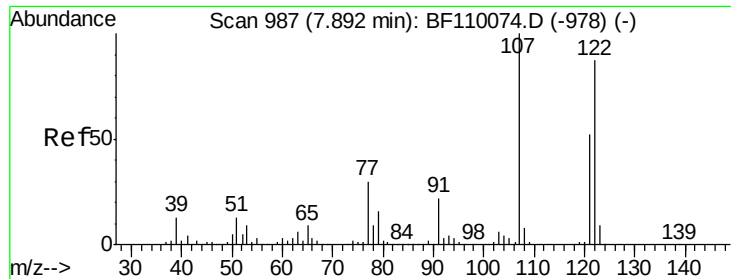
#26
2-Nitrophenol
Concen: 44.050 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion: 139 Resp: 111357
Ion Ratio Lower Upper
139 100
109 30.3 25.0 37.6
65 47.7 44.0 66.0



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





#27

2,4-Dimethylphenol

Concen: 43.808 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

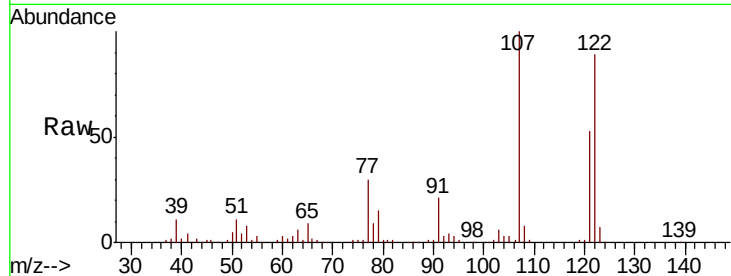
Tot Ion:122 Resp: 183609

Ion Ratio Lower Upper

122 100

107 112.9 92.5 138.7

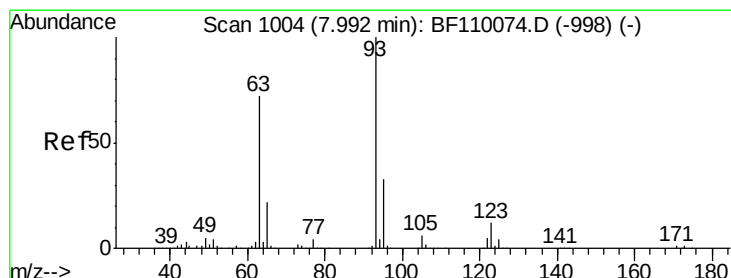
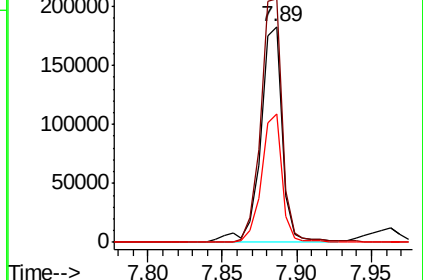
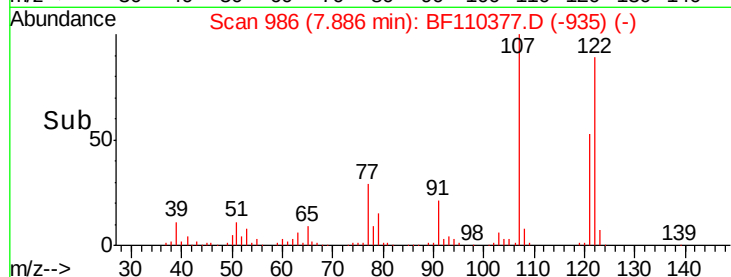
121 59.6 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.162 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

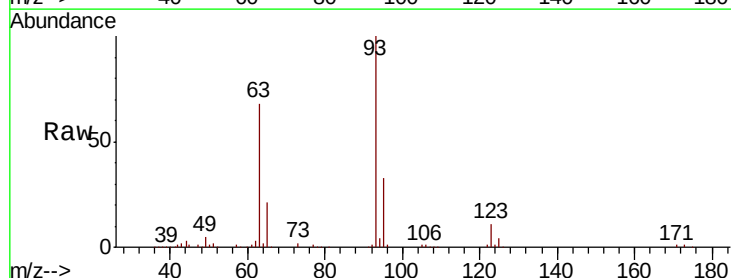
Tgt Ion: 93 Resp: 251220

Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

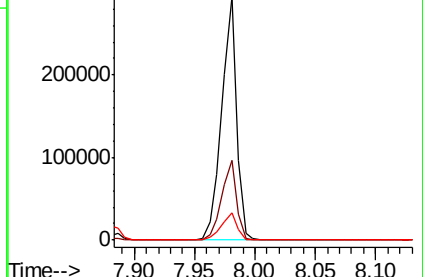
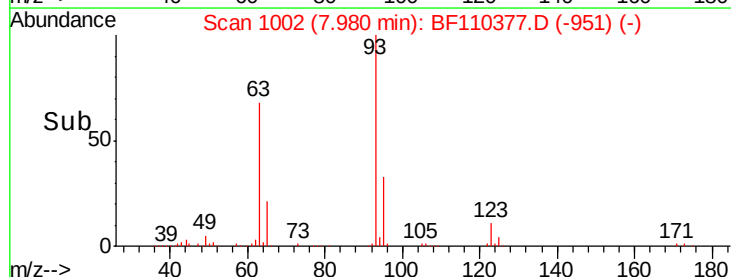
123 11.5 9.0 13.6

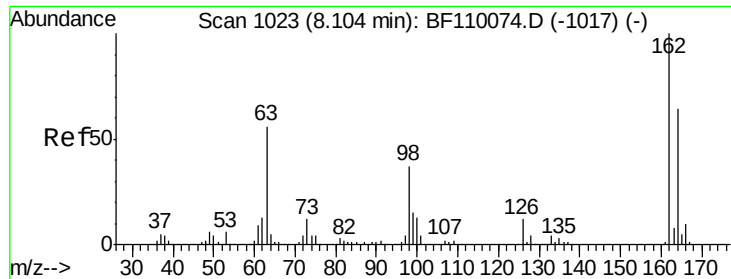


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

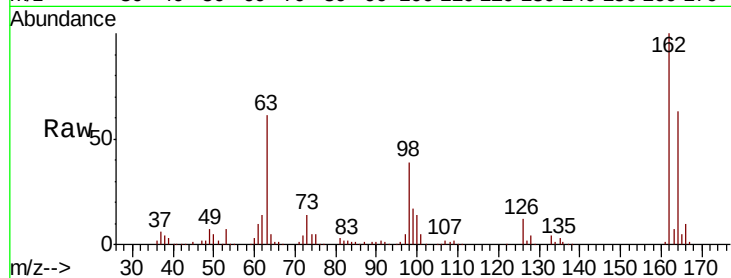




#29
2,4-Dichlorophenol
Concen: 40.640 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	39.1	17.4	57.4

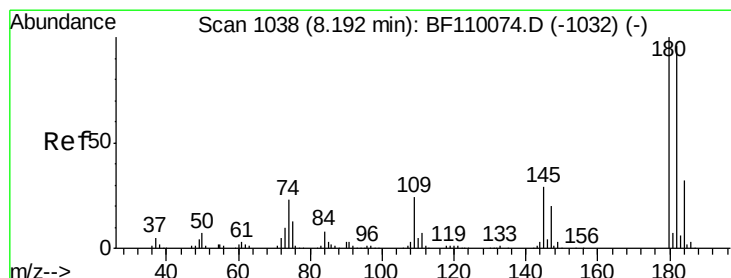
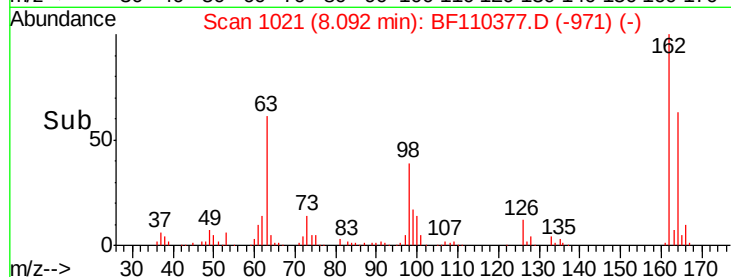
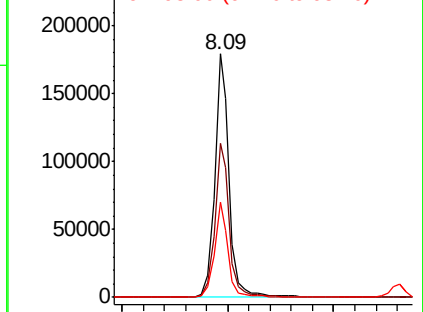


Abundance

Ion 162.00 (161.70 to 162.70): E

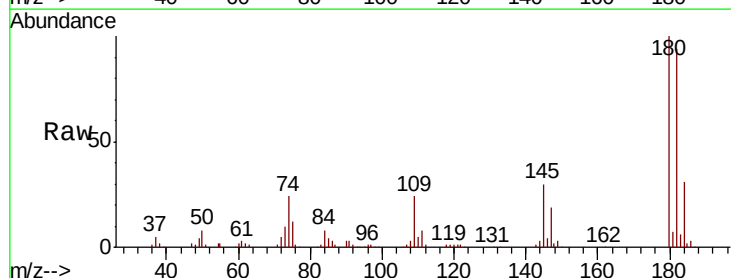
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.037 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	80.3	120.5
145	30.0	25.4	38.0

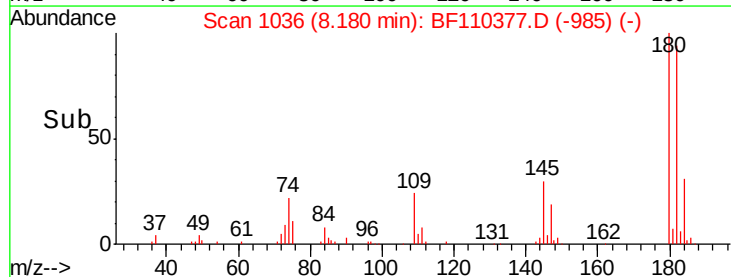
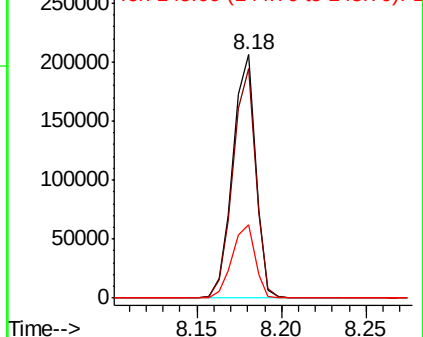


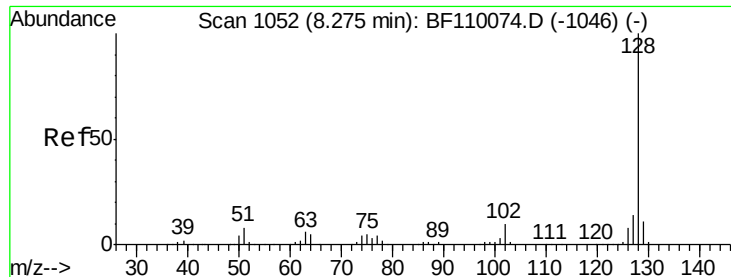
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

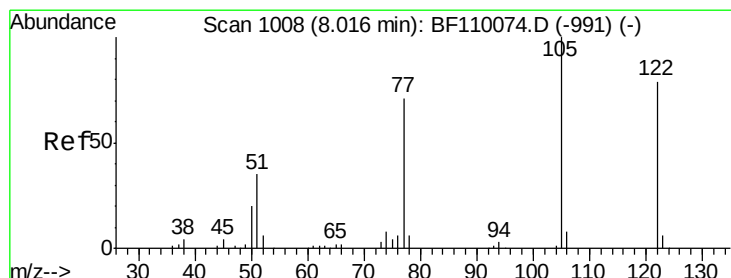
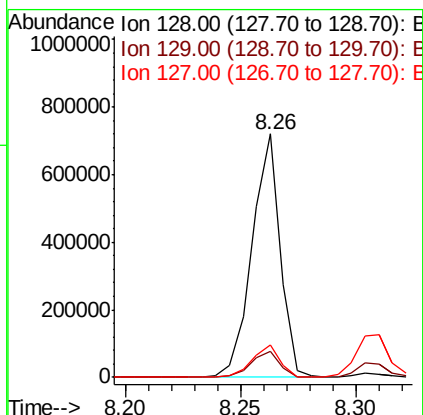
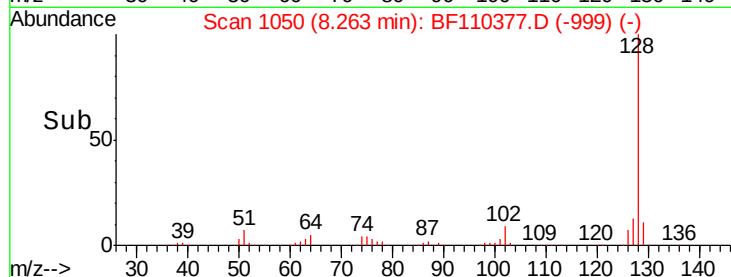
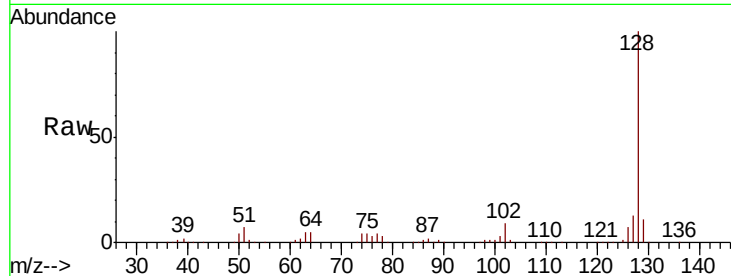




#31
Naphthalene
Concen: 43.926 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

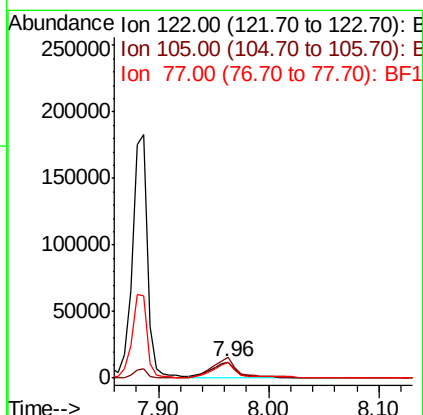
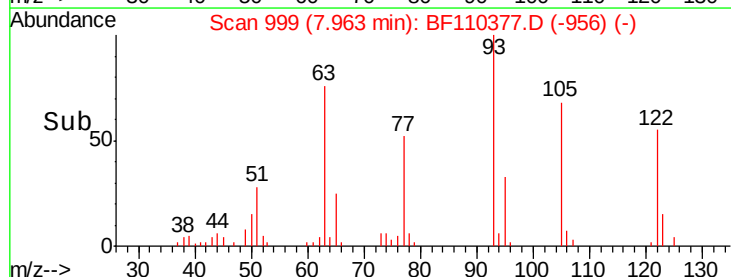
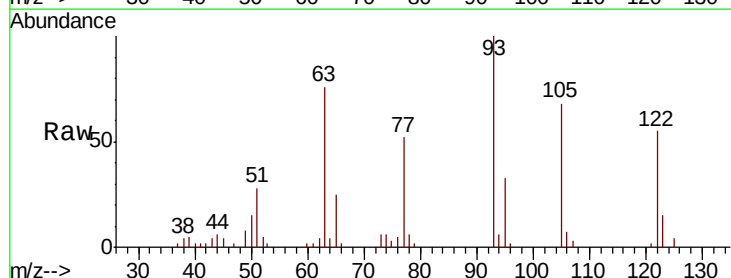
Instrument :
BNA_F
ClientSampled :

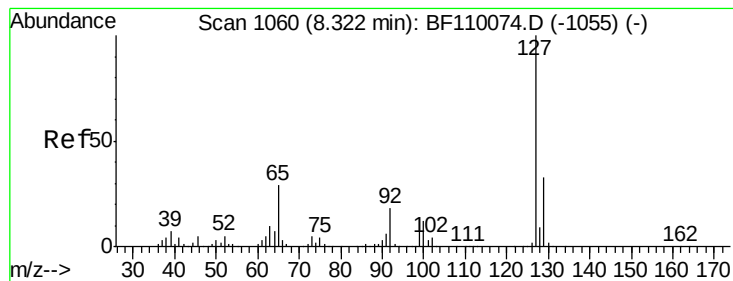
Tot Ion:128 Resp: 617862
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 6.875 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.05 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion:122 Resp: 22271
Ion Ratio Lower Upper
122 100
105 123.7 109.0 149.0
77 93.4 79.0 119.0





#33

4-Chloroaniline

Concen: 21.234 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 134423

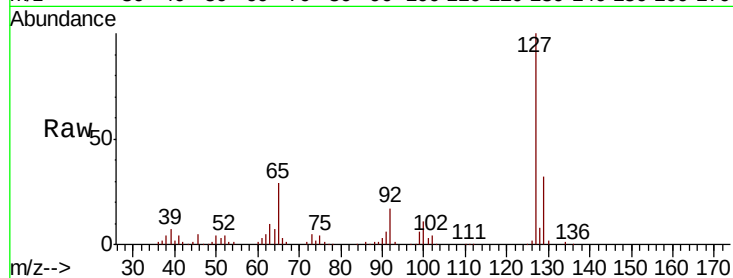
Ion Ratio Lower Upper

127 100

129 32.0 26.0 39.0

65 28.8 25.1 37.7

92 17.3 15.0 22.6



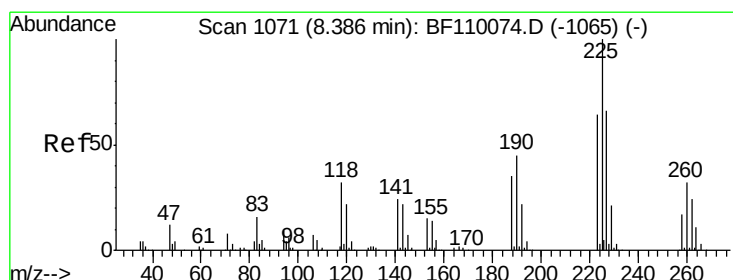
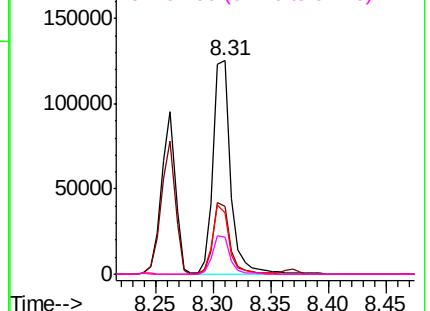
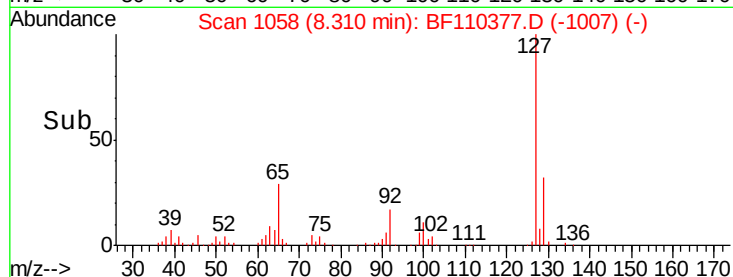
Abundance

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: 41.178 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

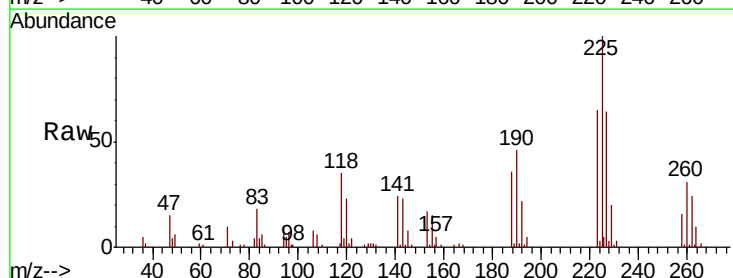
Tgt Ion:225 Resp: 108441

Ion Ratio Lower Upper

225 100

223 64.6 51.4 77.2

227 64.2 51.0 76.6

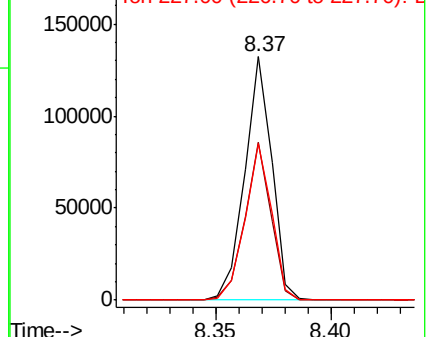
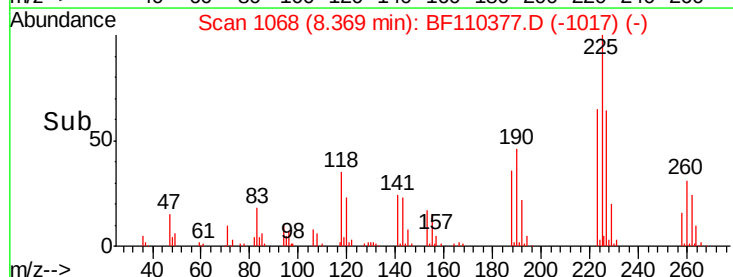


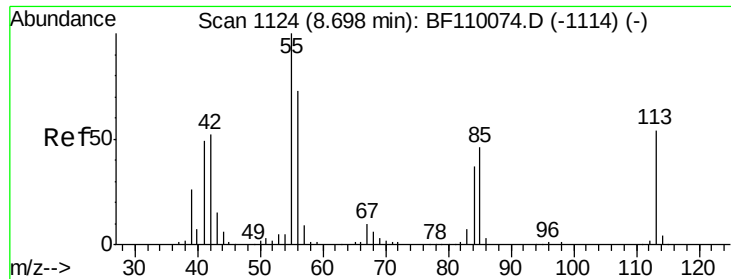
Abundance

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

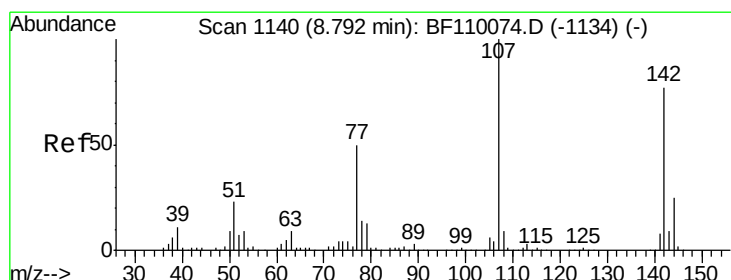
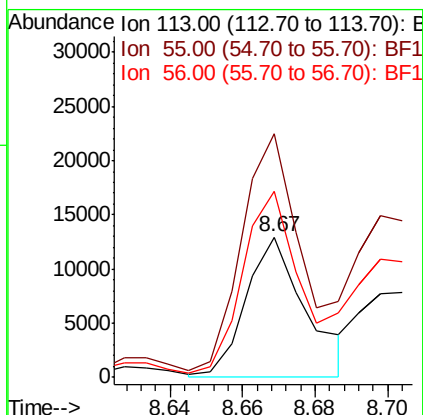
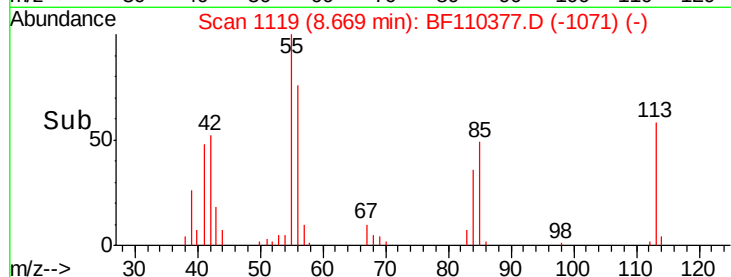
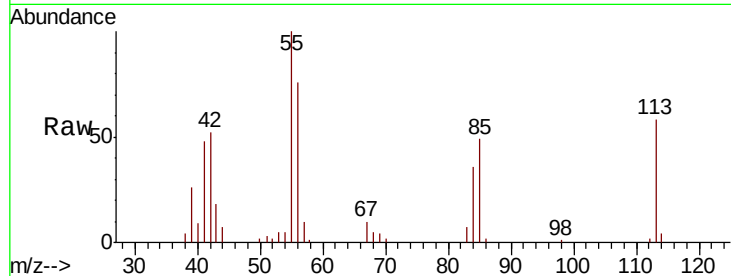




#35
 Caprolactam
 Concen: 10.069 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

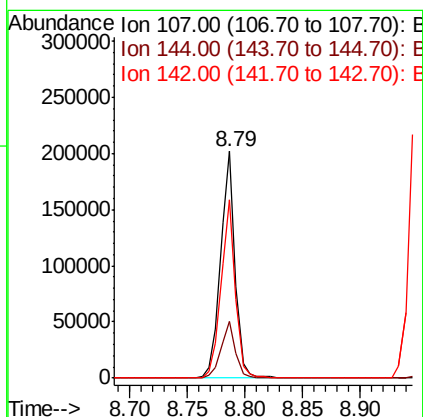
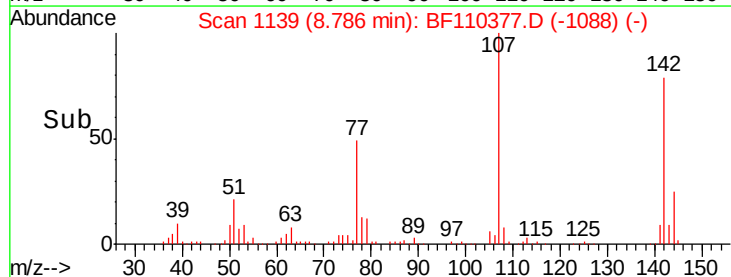
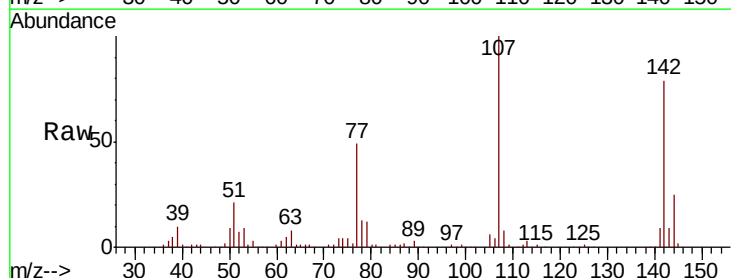
Instrument :
 BNA_F
 ClientSampleId :

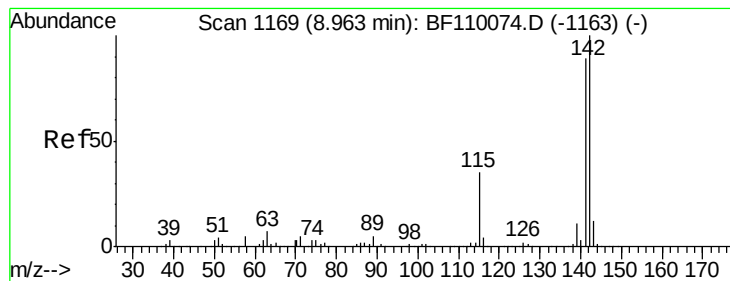
Tot Ion:113 Resp: 14860
 Ion Ratio Lower Upper
 113 100
 55 173.3 142.8 182.8
 56 132.5 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 38.509 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

Tgt Ion:107 Resp: 176329
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.0 30.0
 142 78.8 59.7 89.5

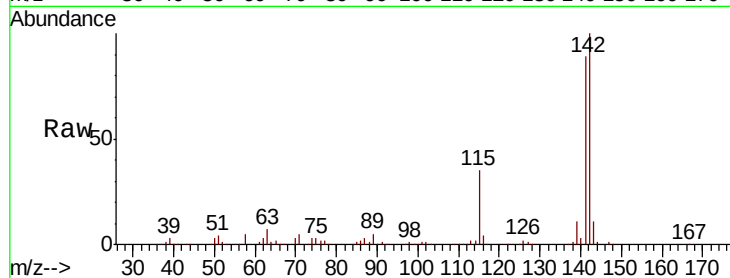




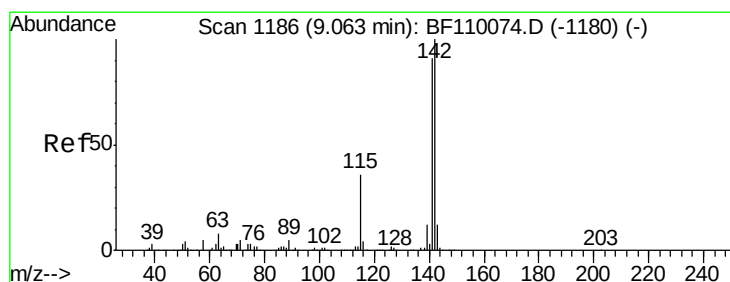
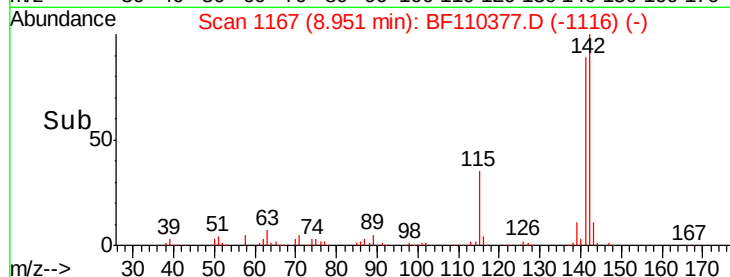
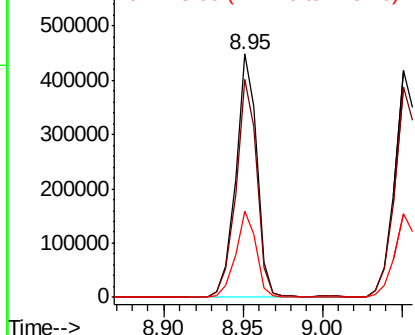
#37
2-Methylnaphthalene
Concen: 44.377 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 413002
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 35.4 28.7 43.1

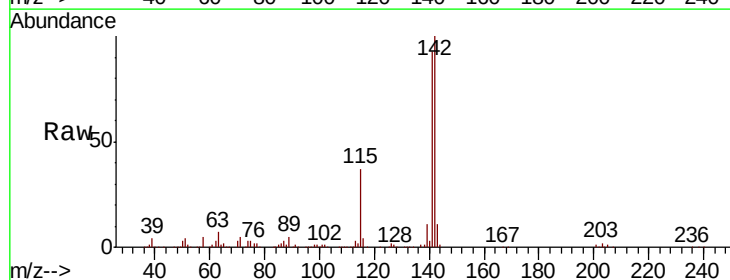


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

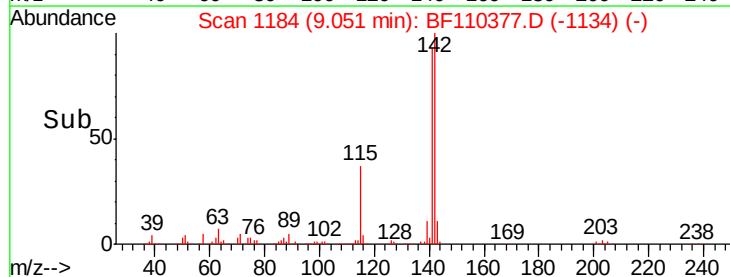
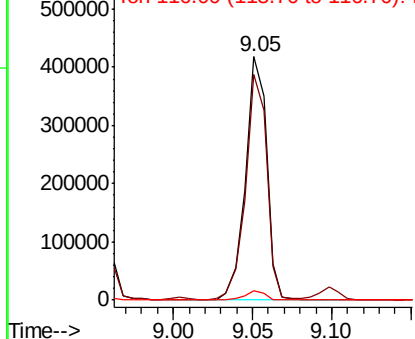


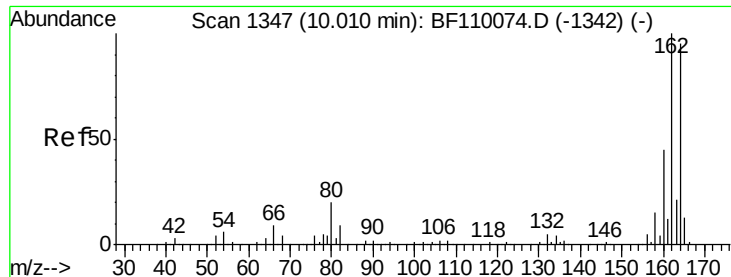
#38
1-Methylnaphthalene
Concen: 43.042 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion:142 Resp: 387097
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4
116 3.9 2.6 4.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

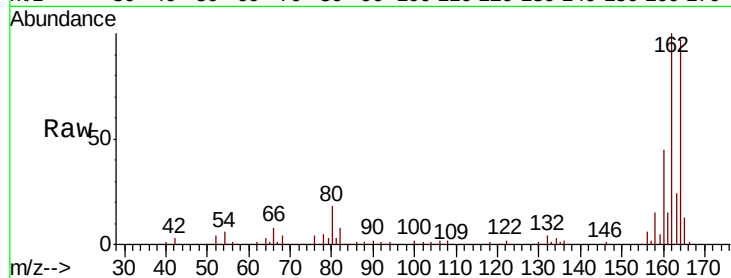
Tot Ion:164 Resp: 129416

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.6

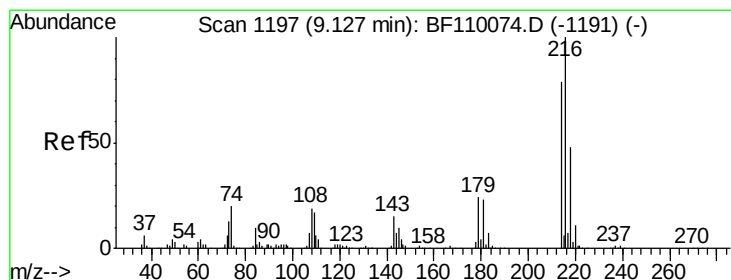
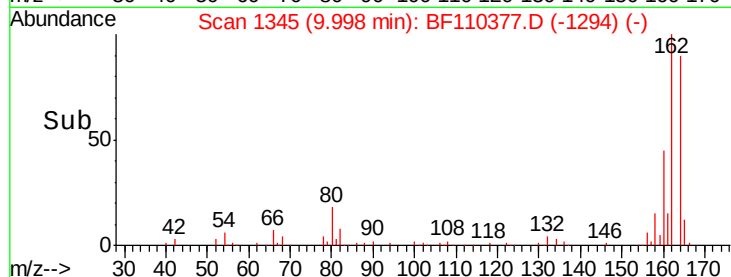
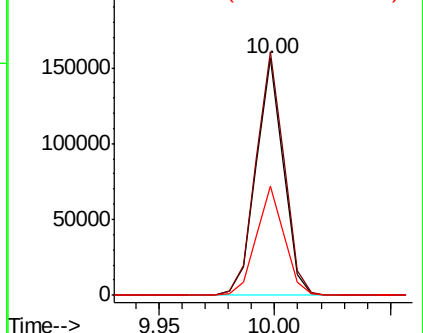
160 46.0 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.542 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Tgt Ion:216 Resp: 175575

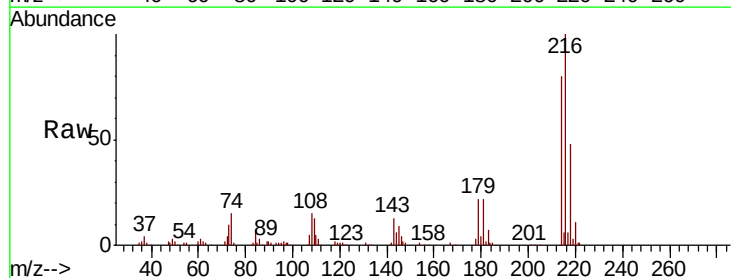
Ion Ratio Lower Upper

216 100

214 80.5 63.8 95.6

179 23.0 16.6 25.0

108 20.8 15.1 22.7

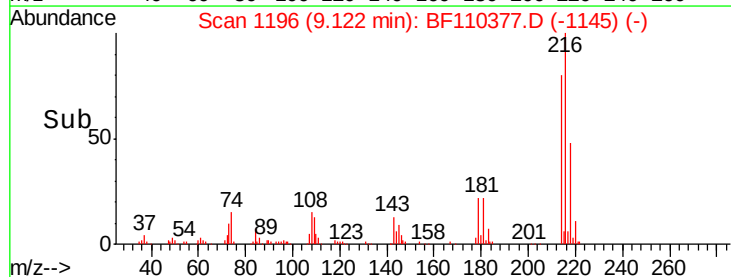
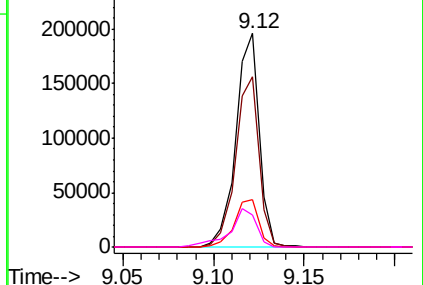


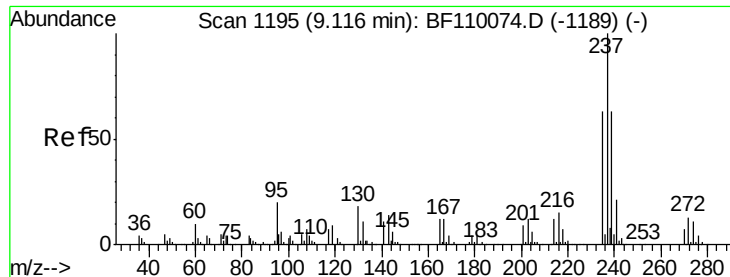
Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.788 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

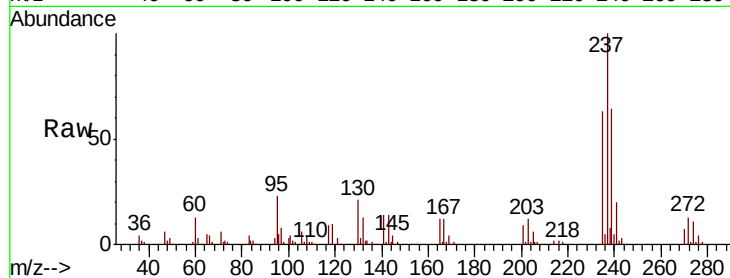
Tot Ion:237 Resp: 129460

Ion Ratio Lower Upper

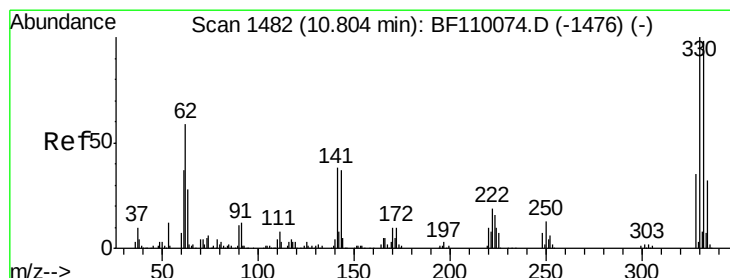
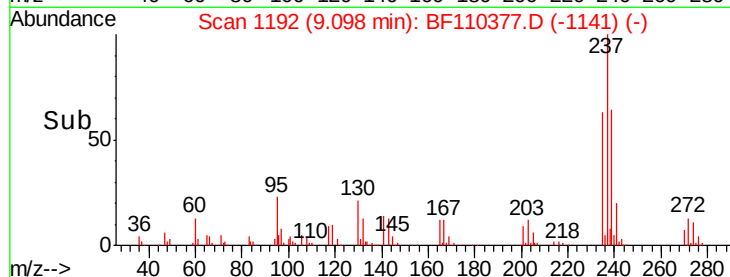
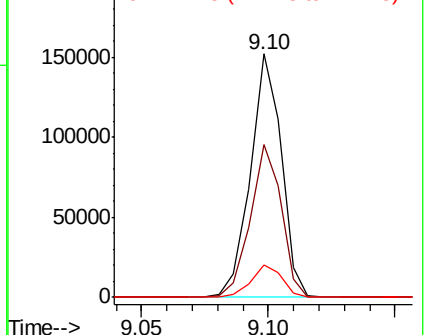
237 100

235 63.0 43.1 83.1

272 13.2 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: 107.375 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

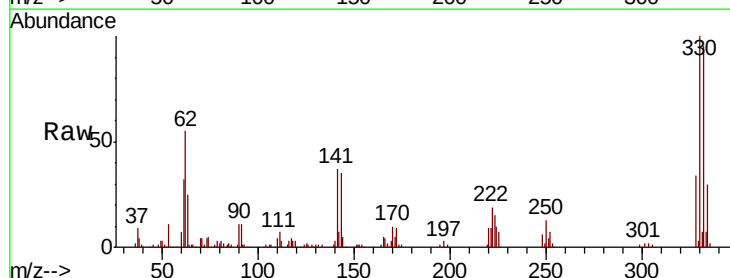
Tgt Ion:330 Resp: 137649

Ion Ratio Lower Upper

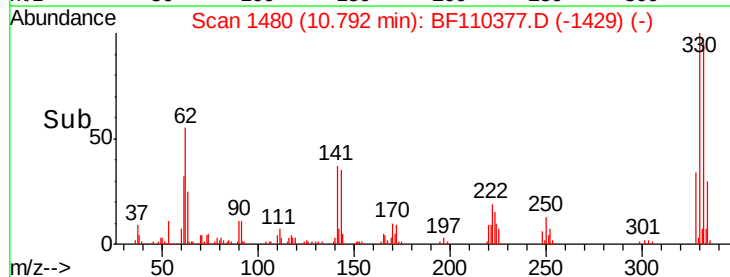
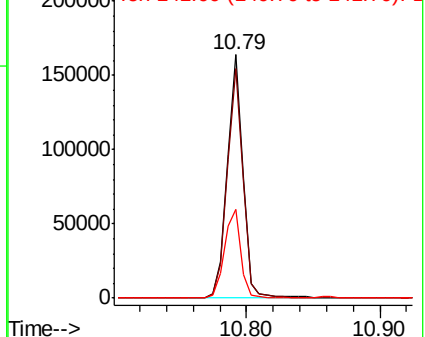
330 100

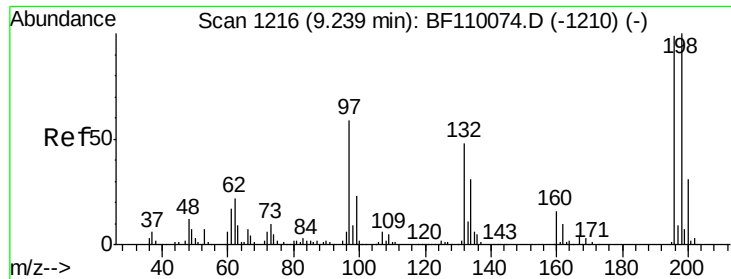
332 94.8 77.1 115.7

141 37.9 27.0 40.4



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

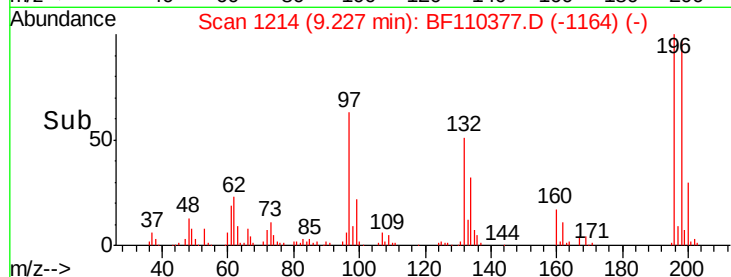
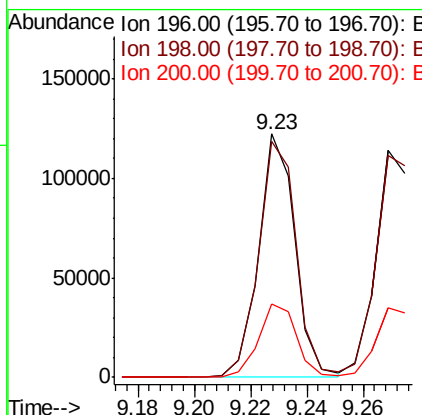
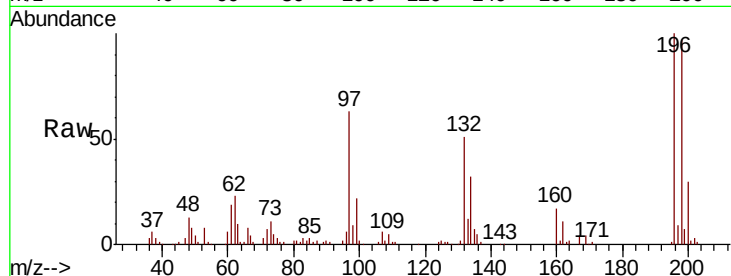




#43
 2,4,6-Trichlorophenol
 Concen: 42.078 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

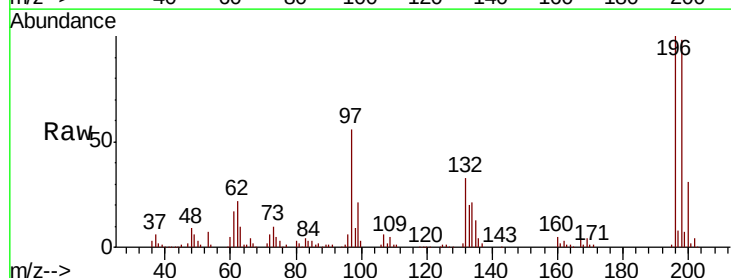
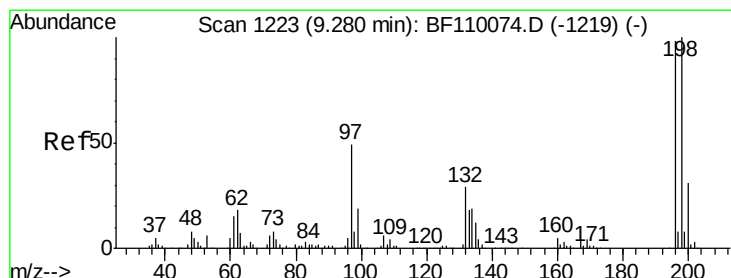
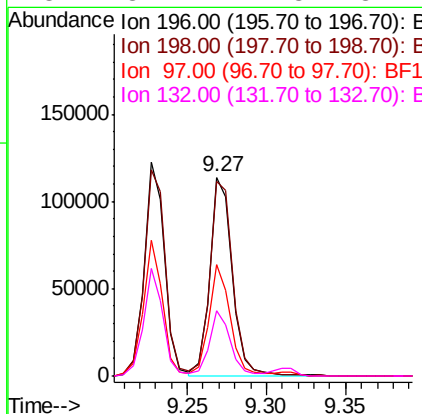
Instrument :
 BNA_F
 ClientSampleId :

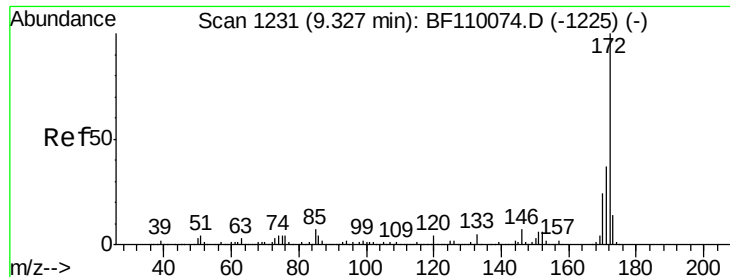
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.2	114.4
200	29.9	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.165 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.8	113.6
97	56.2	42.4	63.6
132	32.7	22.8	34.2

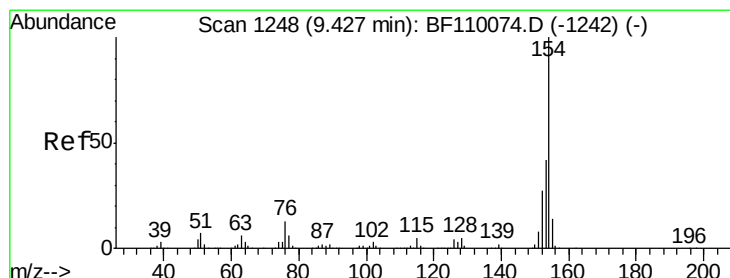
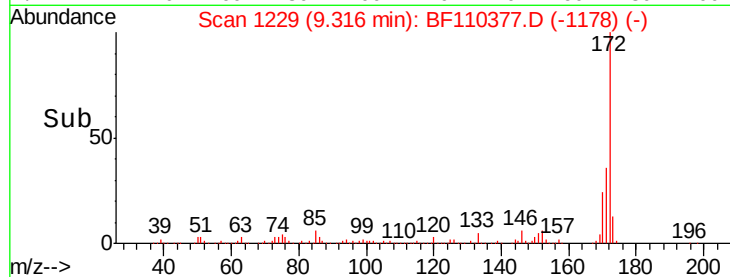
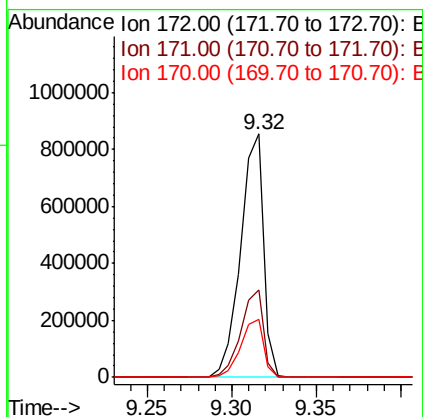
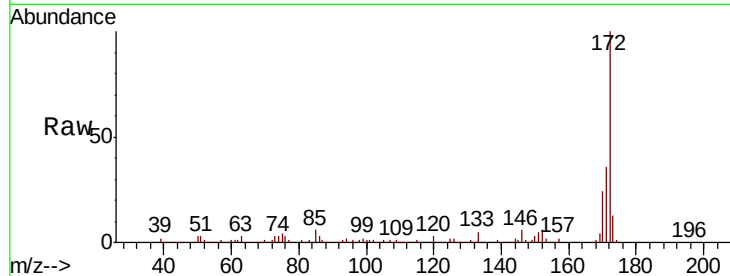




#45
 2-Fluorobiphenyl
 Concen: 98.503 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

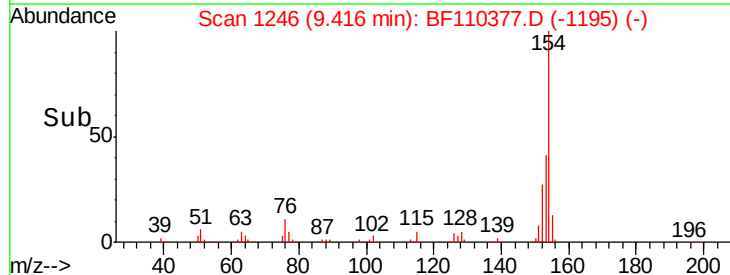
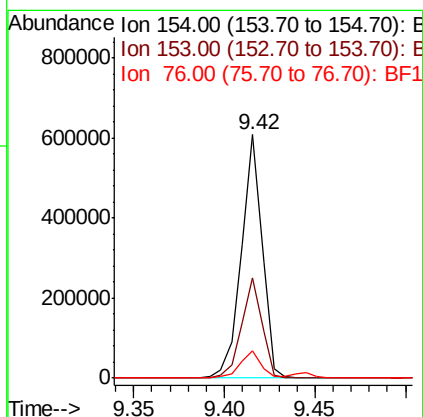
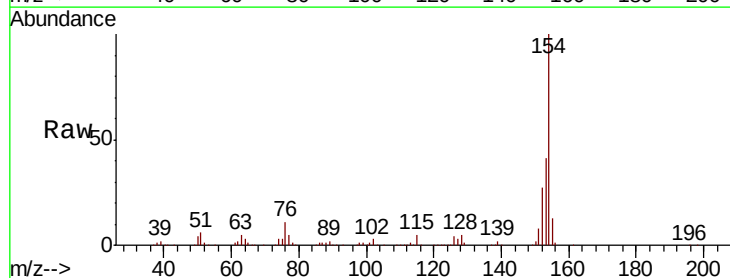
Instrument :
 BNA_F
 ClientSampleId :

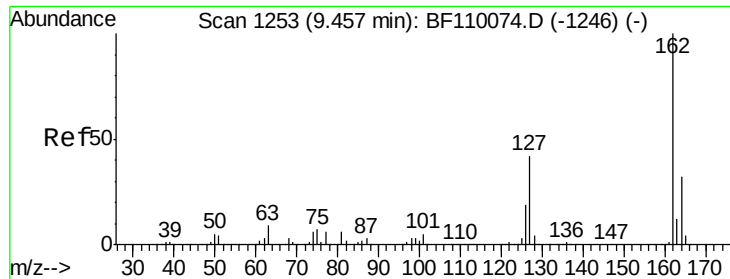
Tot Ion:172 Resp: 811829
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.0 19.7 29.5



#46
 1,1'-Biphenyl
 Concen: 41.458 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

Tgt Ion:154 Resp: 485188
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.4 60.4
 76 11.3 0.0 31.9





#47

2-Chloronaphthalene

Concen: 42.523 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampled :

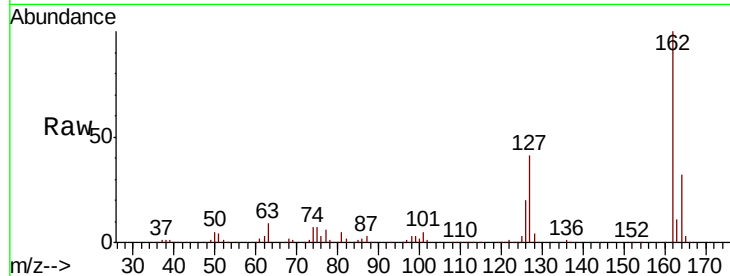
Tot Ion:162 Resp: 365040

Ion Ratio Lower Upper

162 100

127 41.1 32.6 48.8

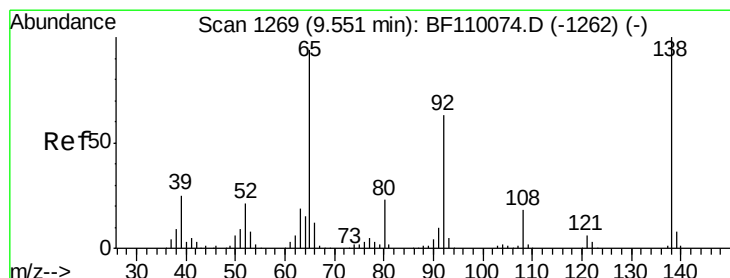
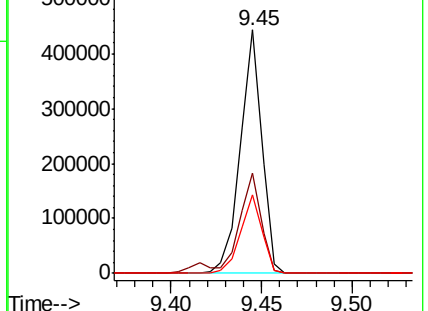
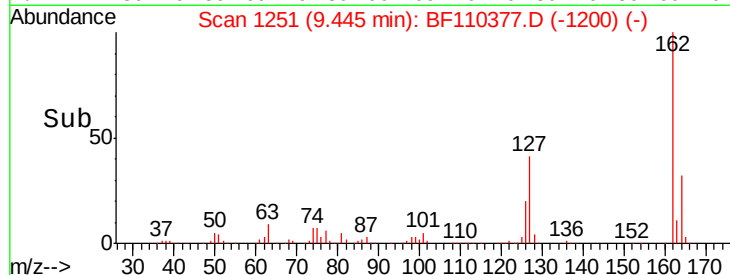
164 32.3 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.188 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

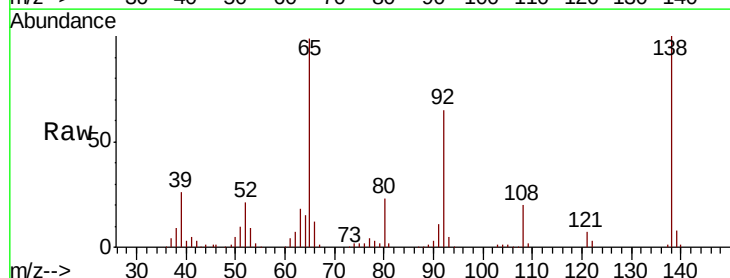
Tgt Ion: 65 Resp: 107147

Ion Ratio Lower Upper

65 100

92 65.6 54.6 81.8

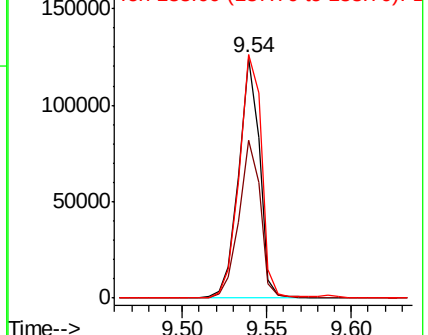
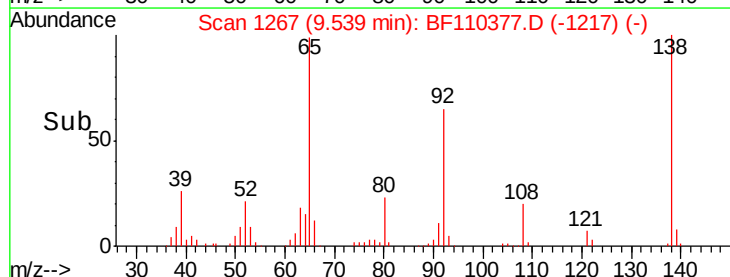
138 101.5 80.3 120.5

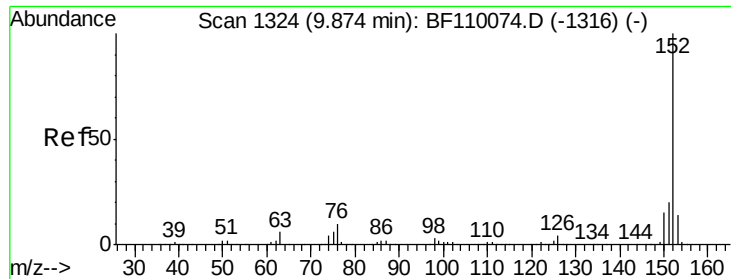


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.616 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

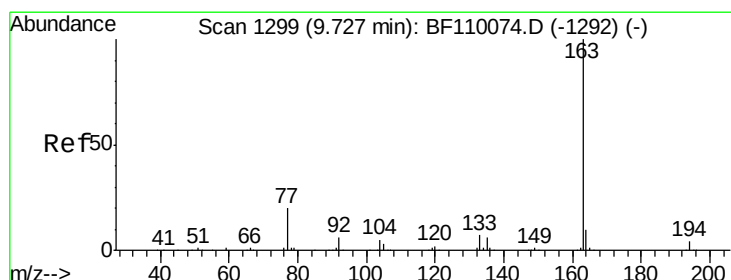
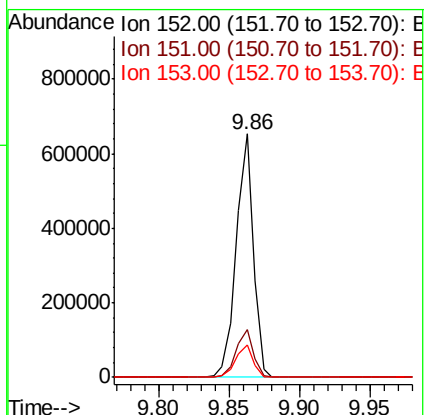
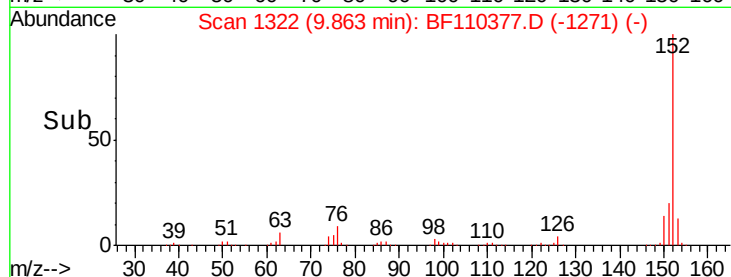
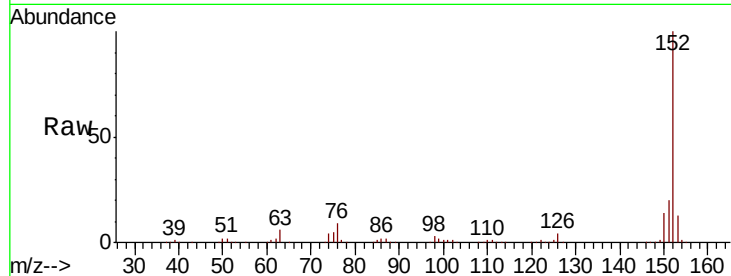
Tot Ion:152 Resp: 553203

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 52.084 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

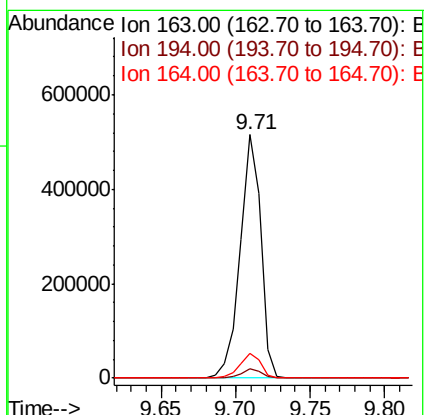
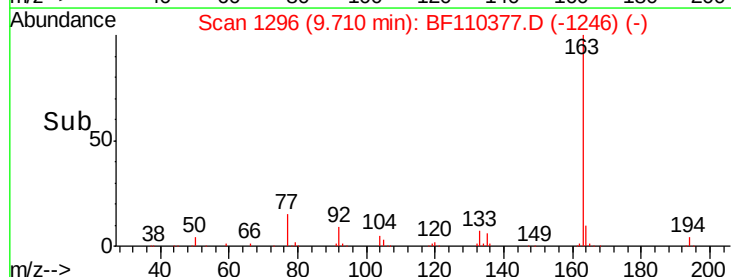
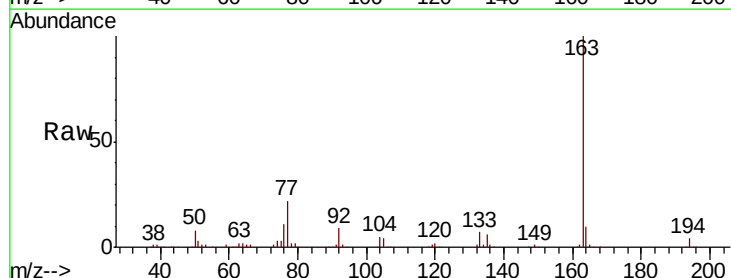
Tgt Ion:163 Resp: 497568

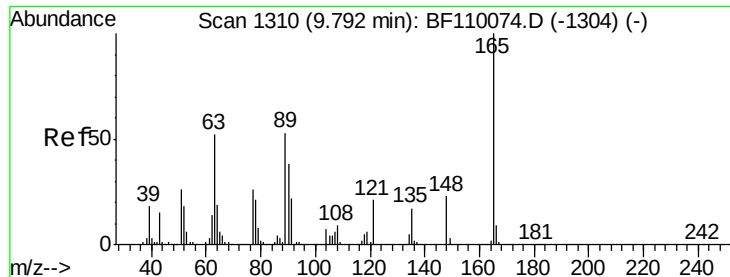
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 41.432 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampled :

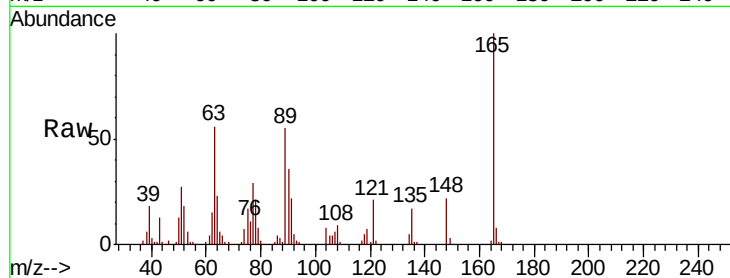
Tot Ion:165 Resp: 85259

Ion Ratio Lower Upper

165 100

63 56.3 48.9 73.3

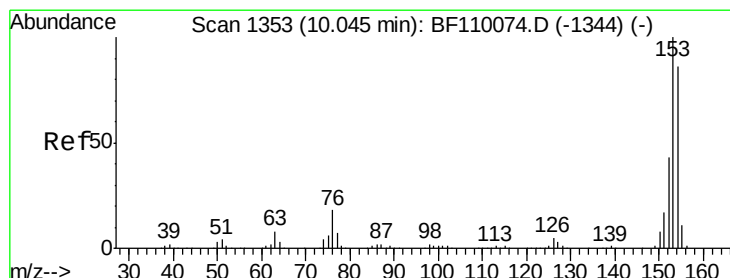
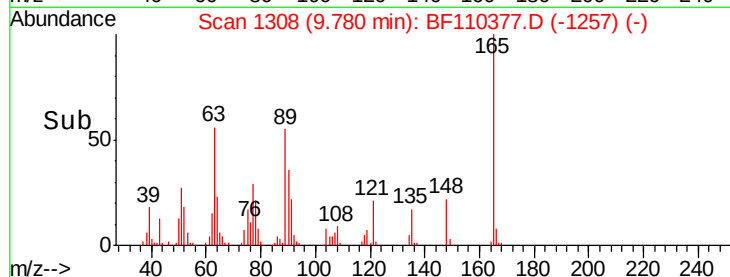
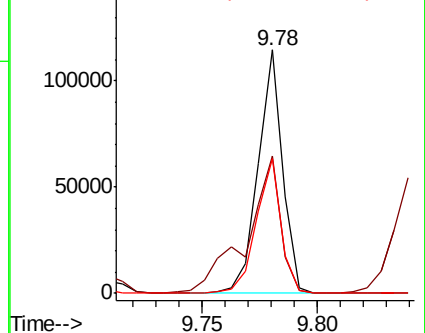
89 55.2 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.265 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

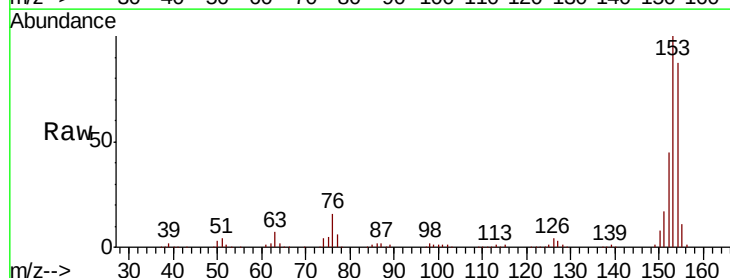
Tgt Ion:154 Resp: 330277

Ion Ratio Lower Upper

154 100

153 114.4 90.1 135.1

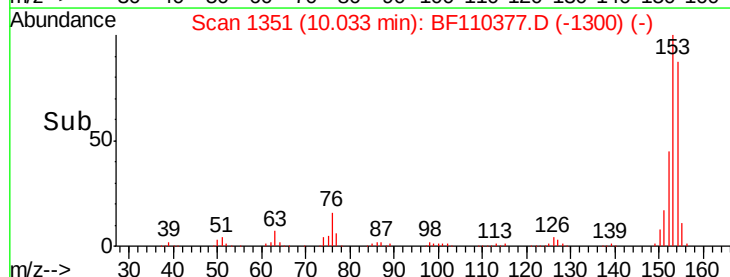
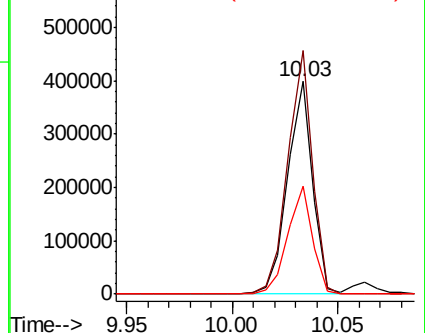
152 51.0 43.4 65.2

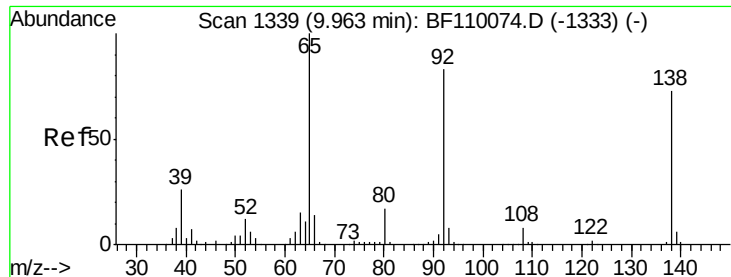


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

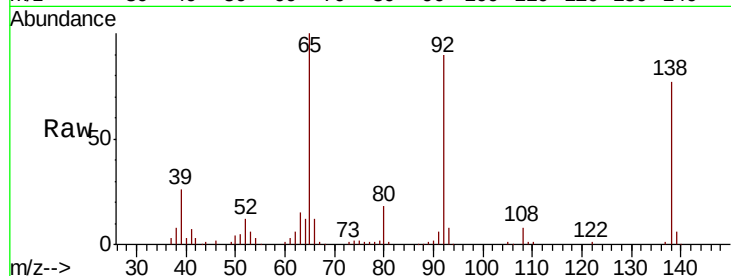




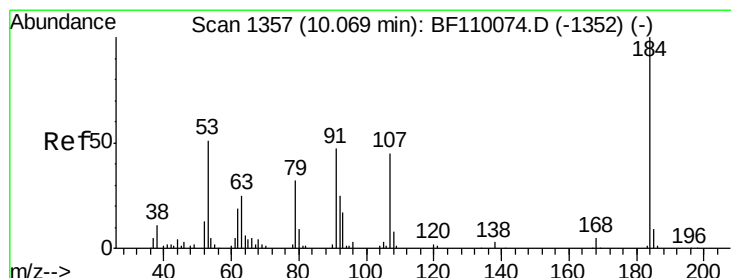
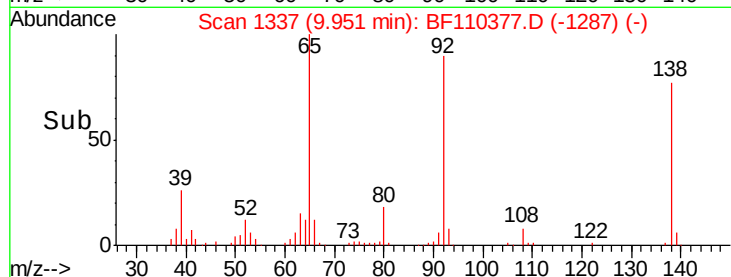
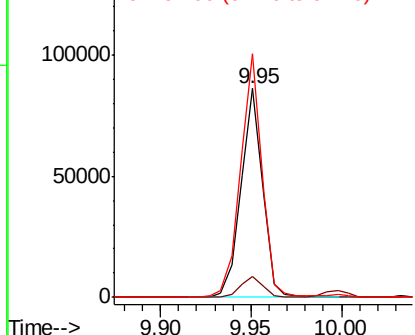
#53
3-Nitroaniline
Concen: 29.118 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 71255
Ion Ratio Lower Upper
138 100
108 10.0 8.7 13.1
92 116.7 97.0 145.4

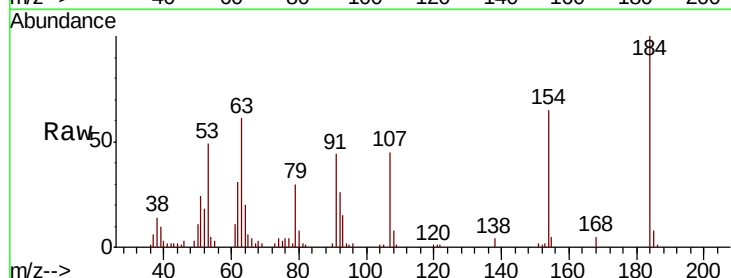


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

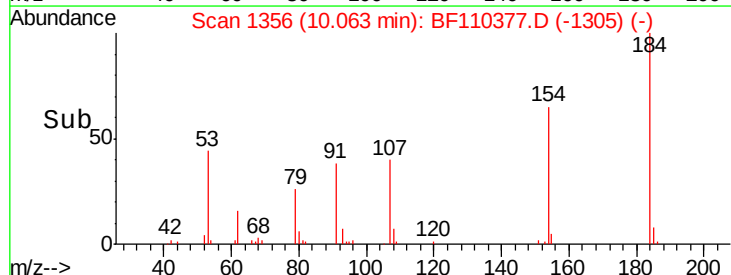
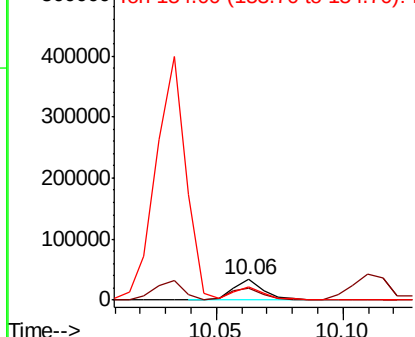


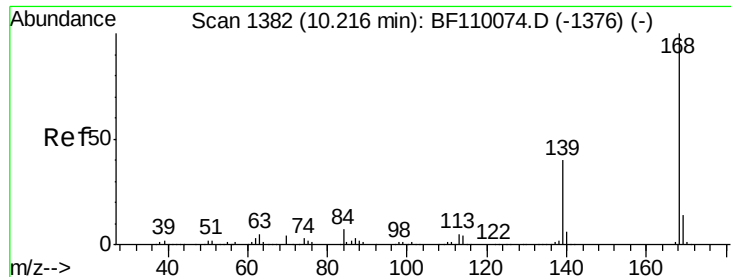
#54
2,4-Dinitrophenol
Concen: 38.208 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion:184 Resp: 28844
Ion Ratio Lower Upper
184 100
63 61.0 55.8 83.6
154 64.9 63.2 94.8



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

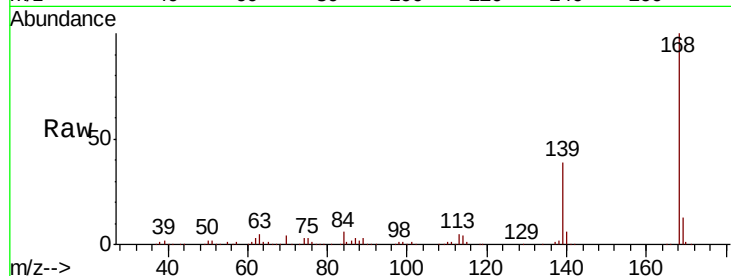




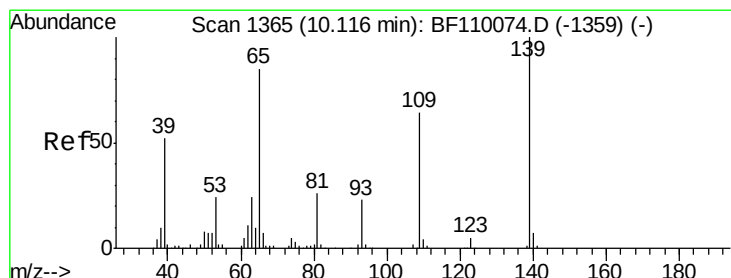
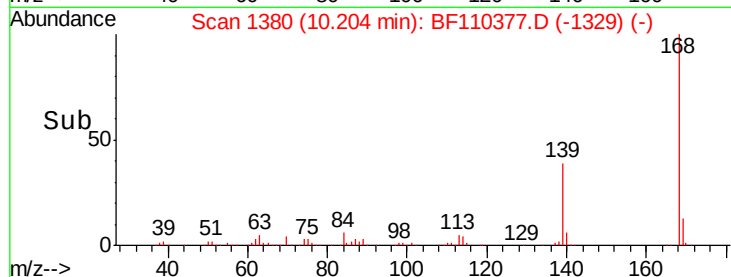
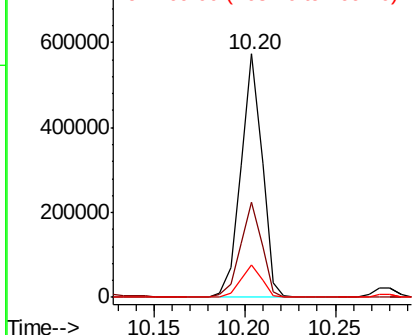
#55
Dibenzenofuran
Concen: 40.576 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 465992
Ion Ratio Lower Upper
168 100
139 39.0 33.0 49.6
169 13.2 11.3 16.9

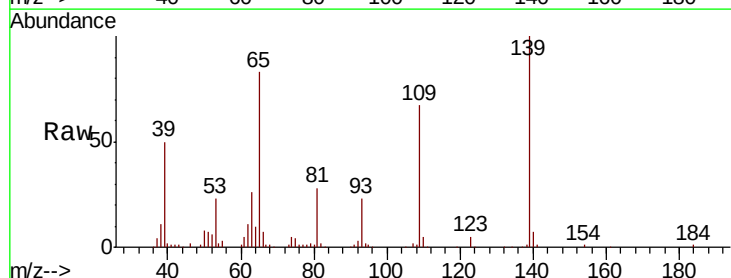


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

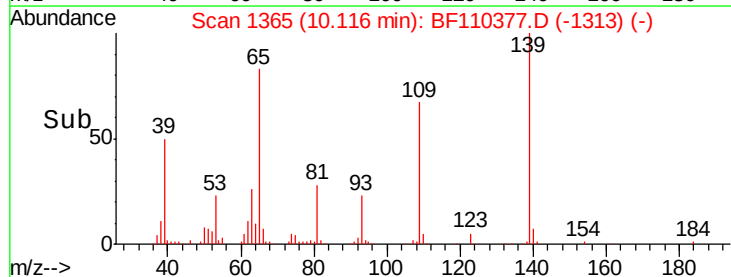
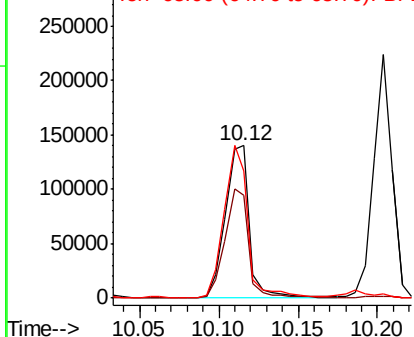


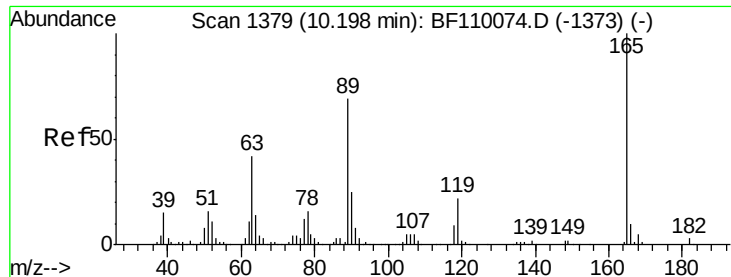
#56
4-Nitrophenol
Concen: 81.626 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion:139 Resp: 147836
Ion Ratio Lower Upper
139 100
109 67.4 55.8 95.8
65 83.5 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

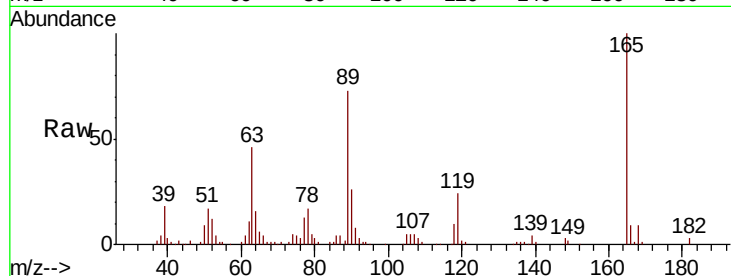




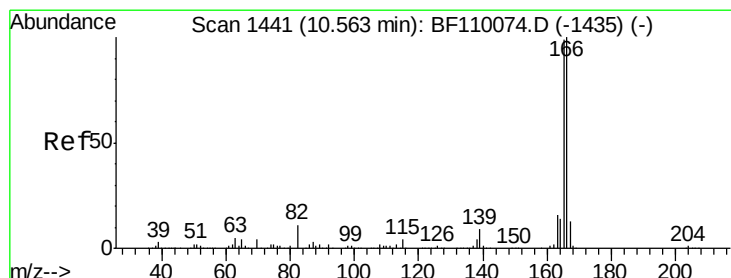
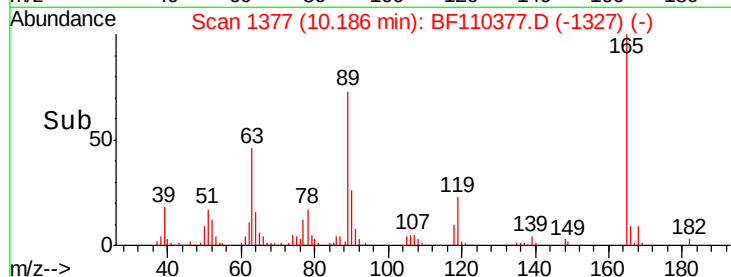
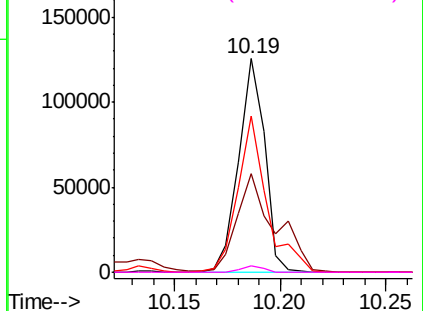
#57
2,4-Dinitrotoluene
Concen: 41.056 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	107311
Ion	Ratio	Lower	Upper
165	100		
63	46.3	44.8	67.2
89	72.9	62.2	93.4
182	3.1	2.1	3.1

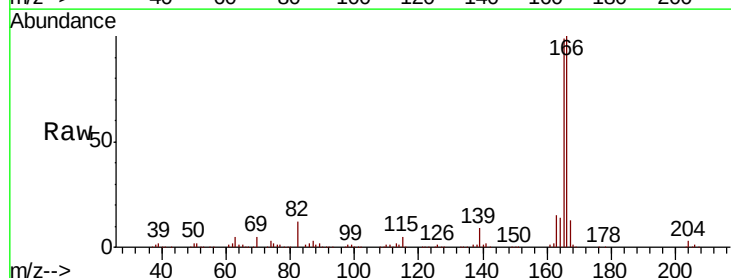


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

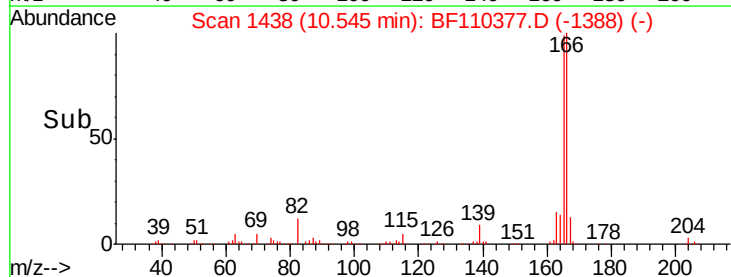
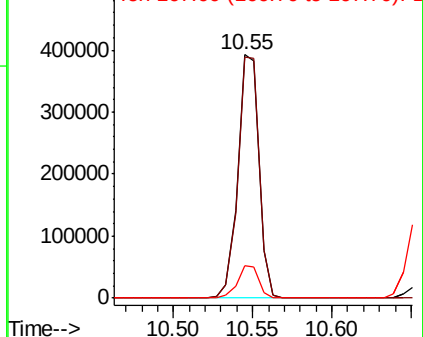


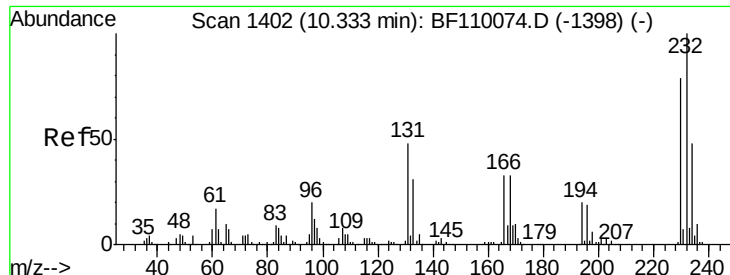
#58
Fluorene
Concen: 42.266 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion:	166	Resp:	361252
Ion	Ratio	Lower	Upper
166	100		
165	99.0	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: 35.067 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.04 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 78577

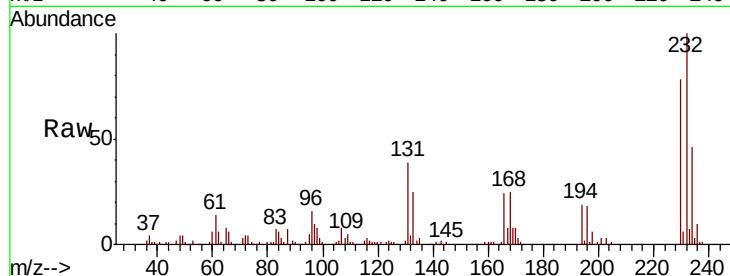
Ion Ratio Lower Upper

232 100

131 43.9 37.0 55.4

130 2.3 1.8 2.6

166 26.4 22.0 33.0

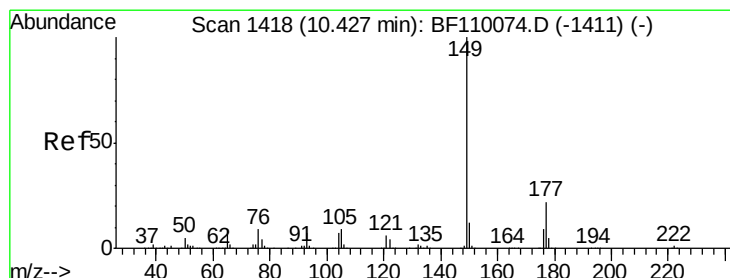
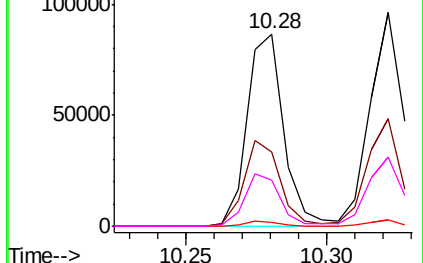
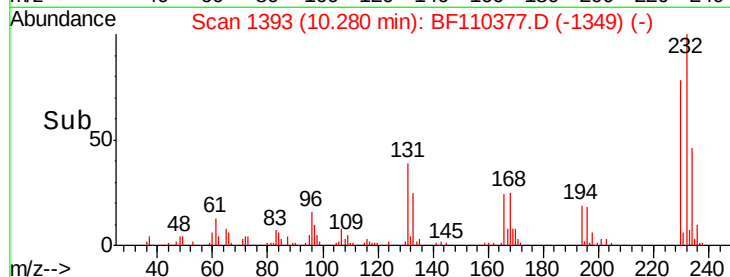


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.106 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

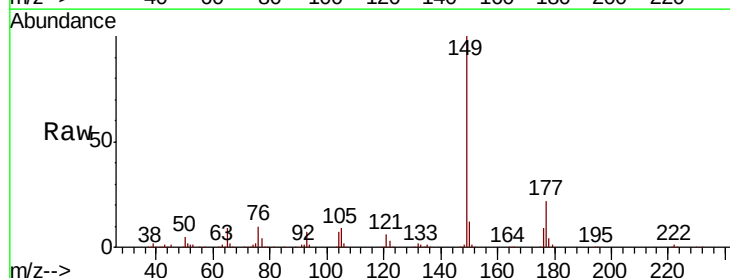
Tgt Ion:149 Resp: 374008

Ion Ratio Lower Upper

149 100

177 21.9 17.4 26.2

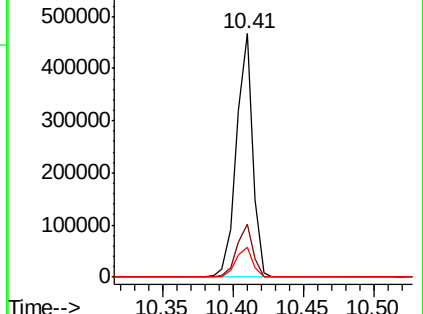
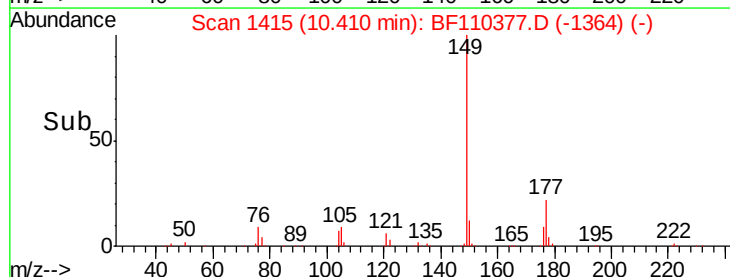
150 12.1 9.8 14.8

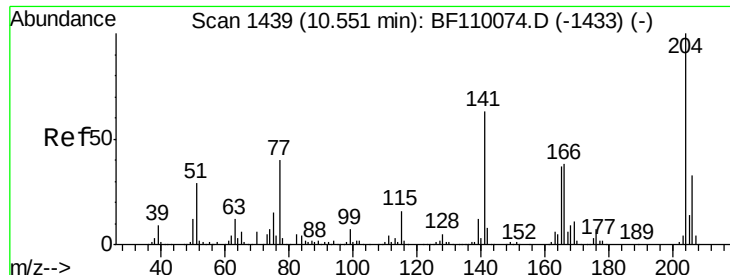


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

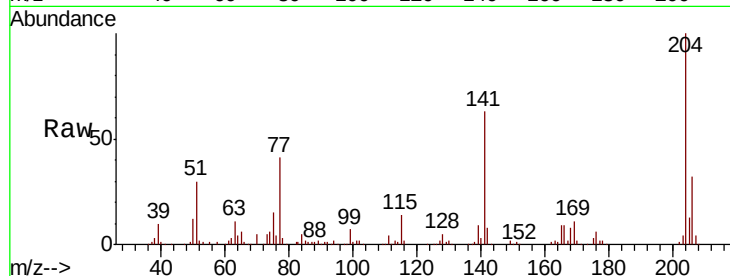




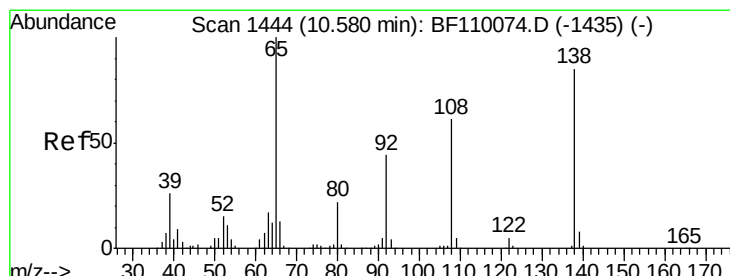
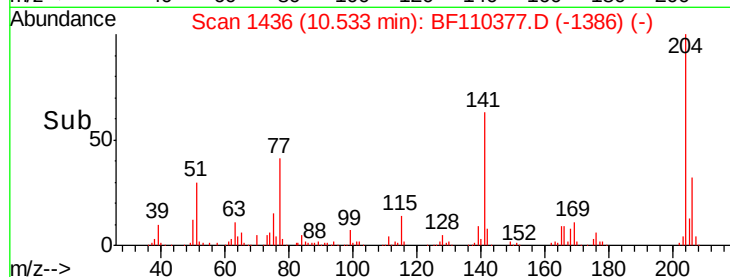
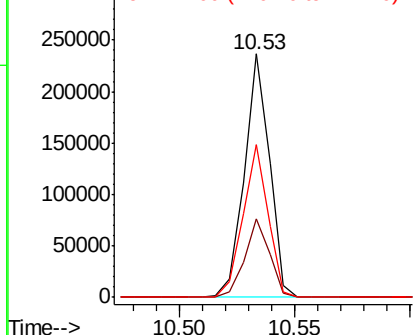
#61
 4-Chlorophenyl-phenylether
 Concen: 39.742 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 179191
 Ion Ratio Lower Upper
 204 100
 206 32.1 26.5 39.7
 141 62.9 51.8 77.8

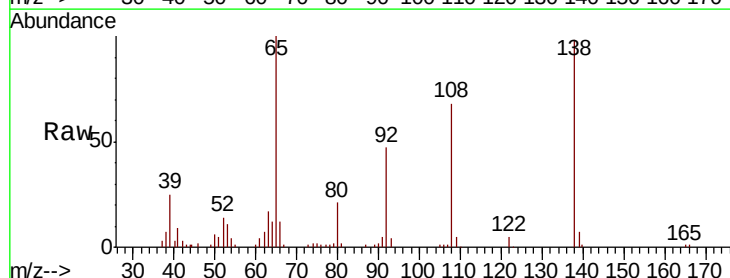


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

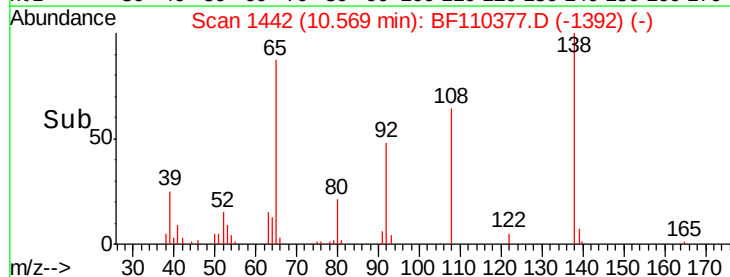
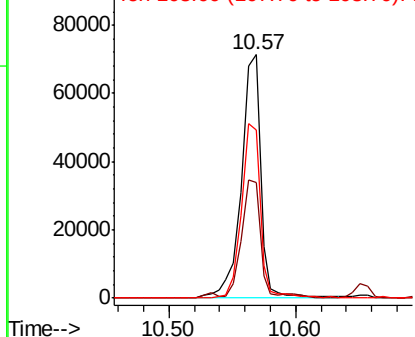


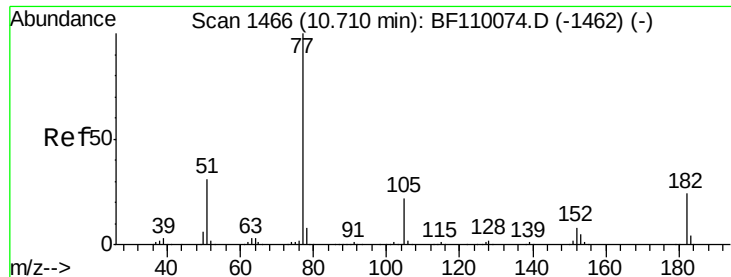
#62
 4-Nitroaniline
 Concen: 31.112 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

Tgt Ion:138 Resp: 75724
 Ion Ratio Lower Upper
 138 100
 92 47.7 31.7 71.7
 108 68.9 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

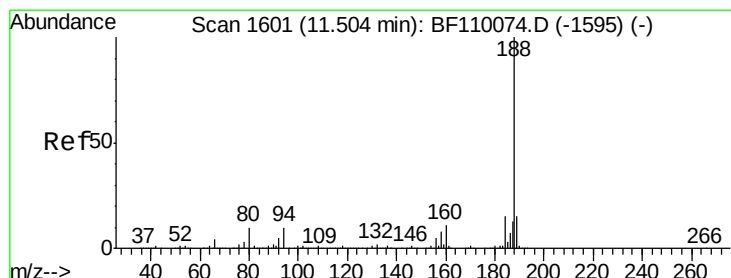
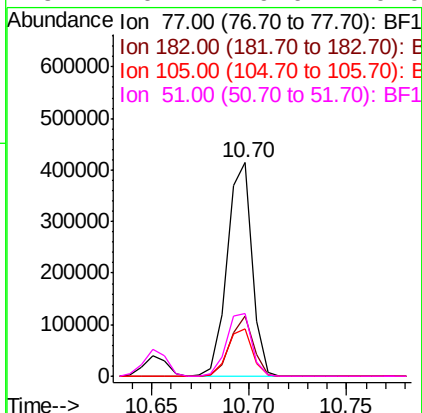
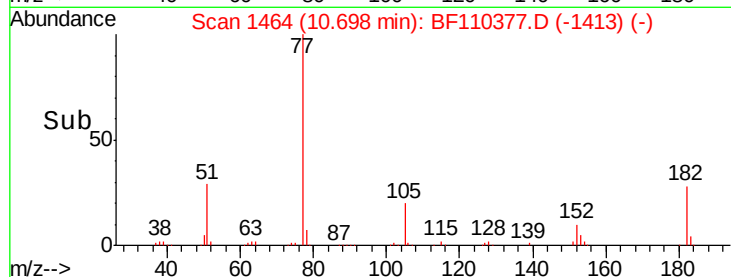
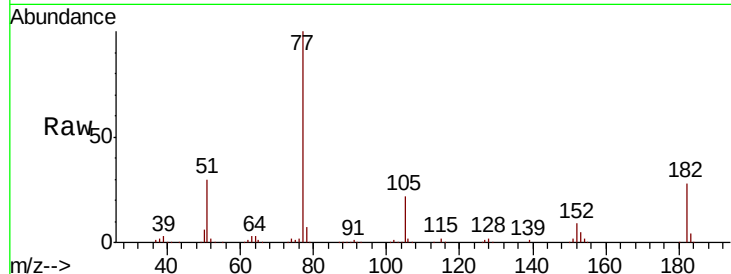




#63
Azobenzene
Concen: 39.457 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

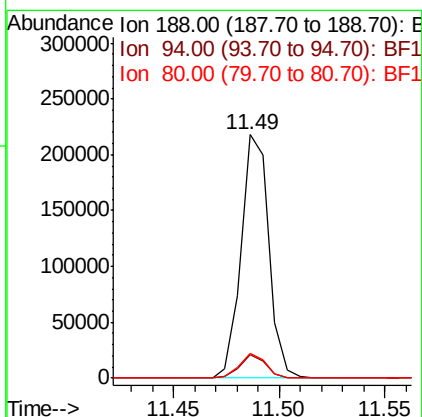
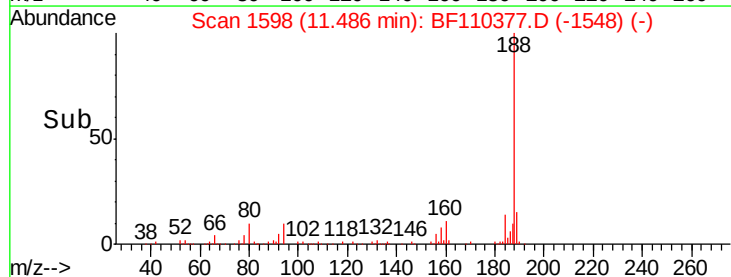
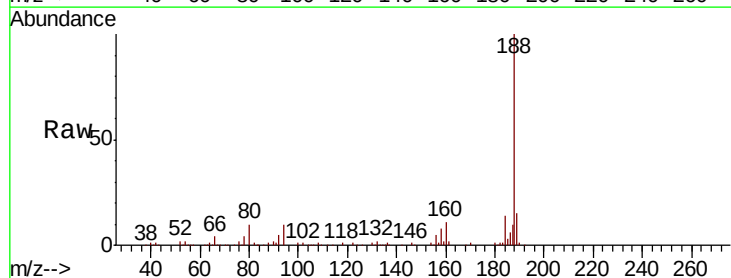
Instrument :
BNA_F
ClientSampleId :

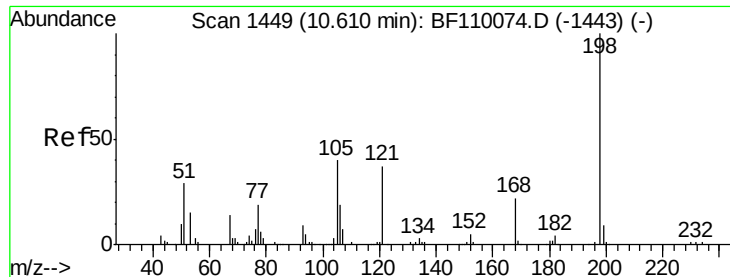
Tot Ion:	77	Resp:	365235
Ion	Ratio	Lower	Upper
77	100		
182	27.9	4.3	44.3
105	22.2	1.3	41.3
51	29.7	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion:	188	Resp:	197775
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.1	7.9	11.9

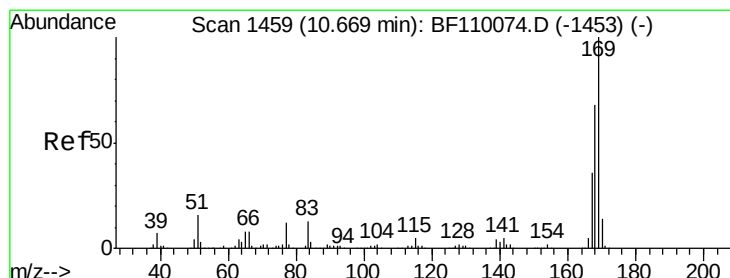
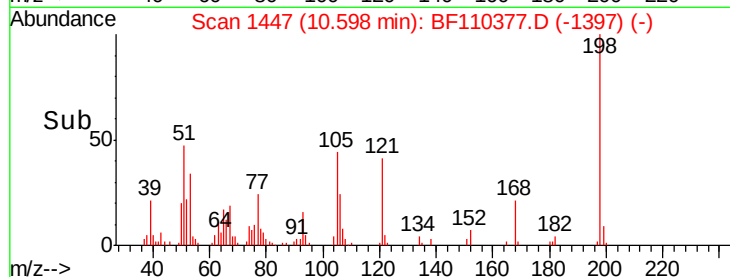
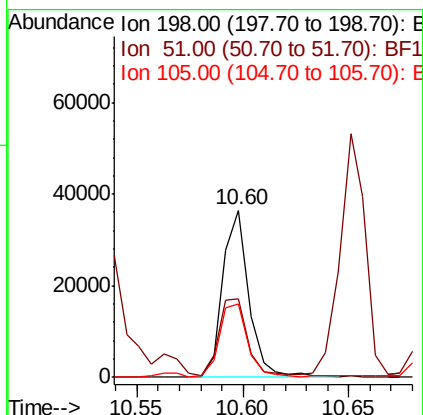
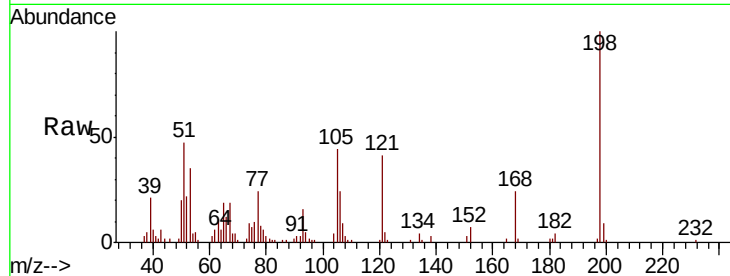




#65
4,6-Dinitro-2-methylphenol
Concen: 34.566 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

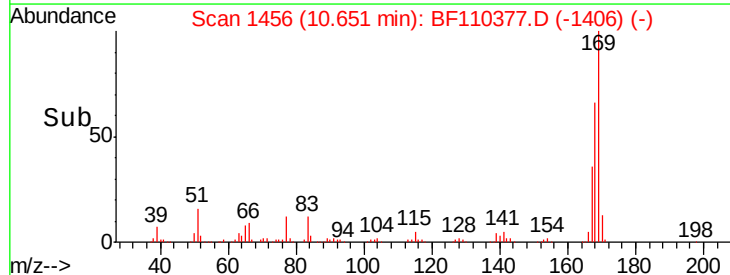
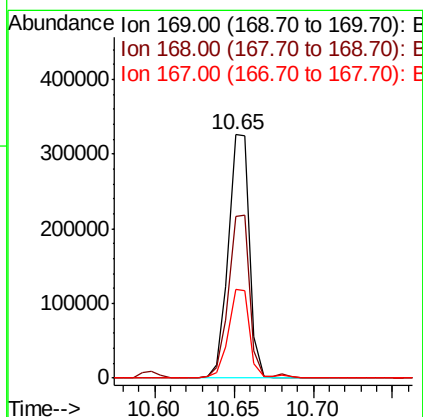
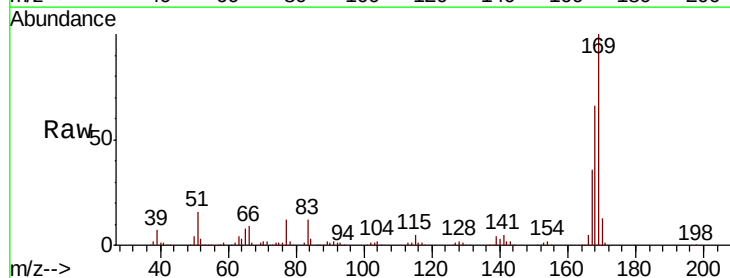
Instrument :
BNA_F
ClientSampleId :

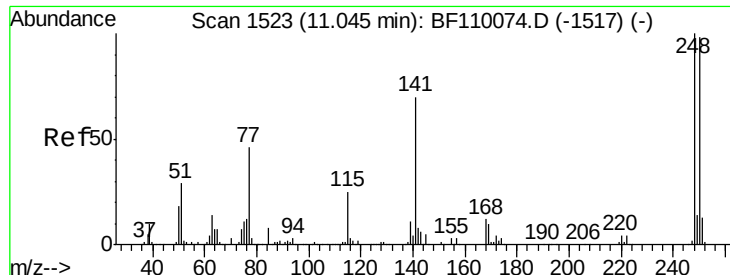
Tot Ion	Ratio	Lower	Upper
198	100		
51	46.8	22.8	62.8
105	43.8	23.6	63.6



#66
n-Nitrosodiphenylamine
Concen: 46.488 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	51.2	76.8
167	36.4	27.8	41.6

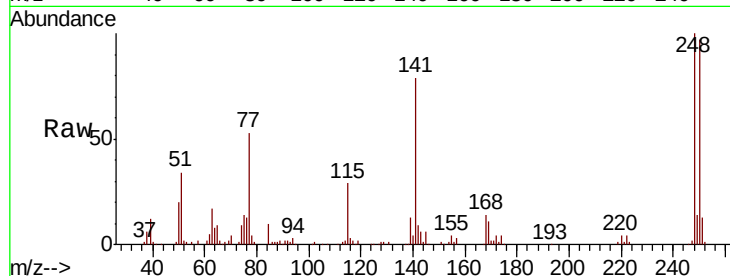




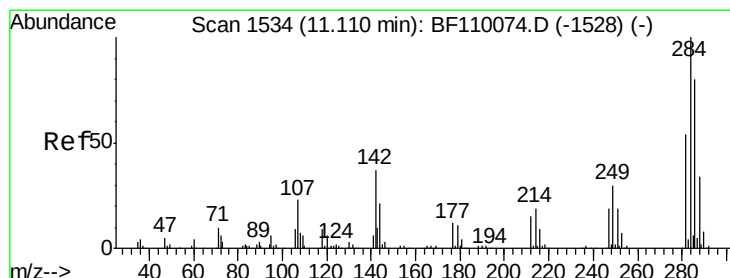
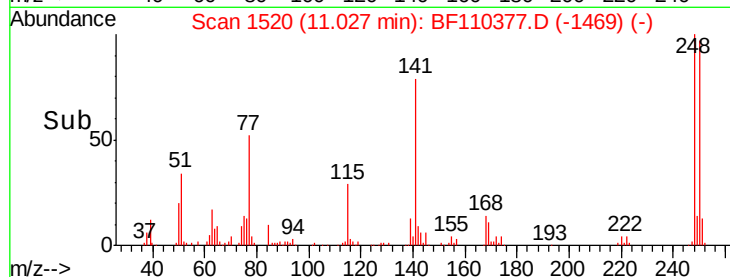
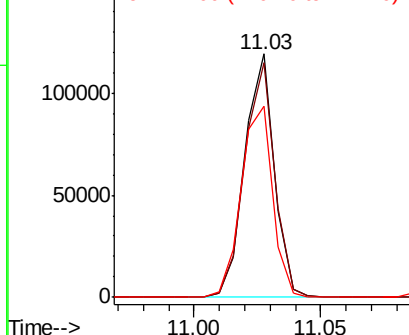
#67
 4-Bromophenyl-phenylether
 Concen: 45.105 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 96764
 Ion Ratio Lower Upper
 248 100
 250 96.5 79.4 119.2
 141 78.7 55.9 83.9

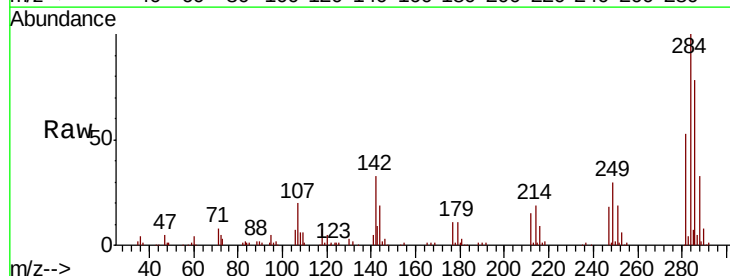


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

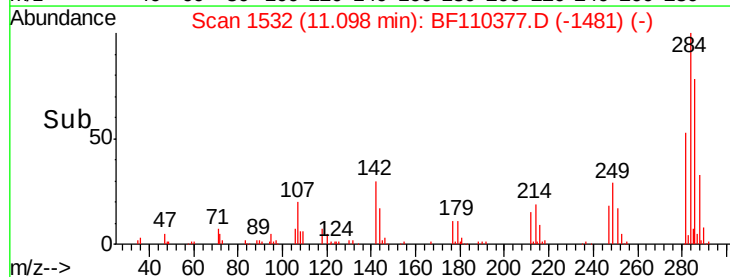
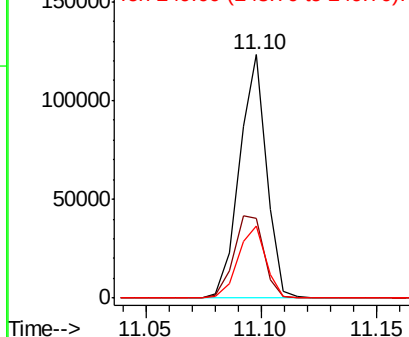


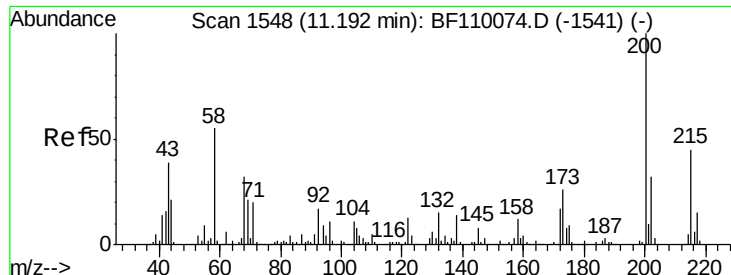
#68
 Hexachlorobenzene
 Concen: 44.101 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

Tgt Ion:284 Resp: 100383
 Ion Ratio Lower Upper
 284 100
 142 32.8 23.9 35.9
 249 29.9 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

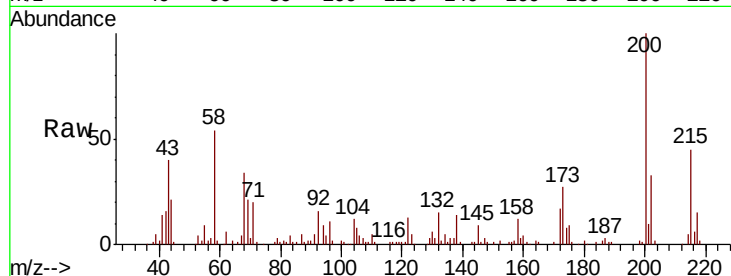




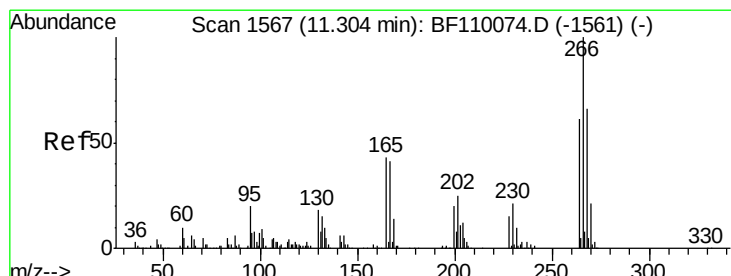
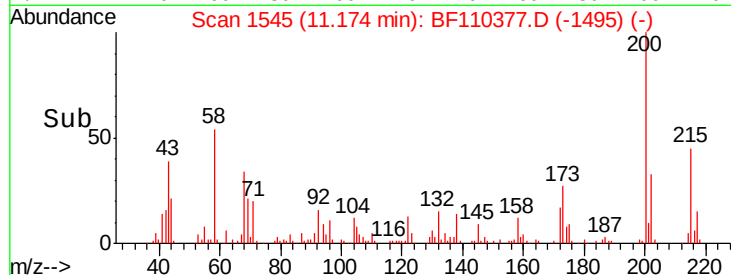
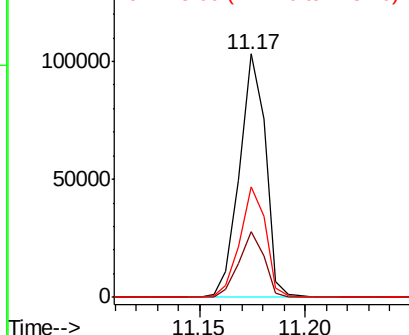
#69
 Atrazine
 Concen: 42.891 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.6	46.6
215	45.2	26.3	66.3

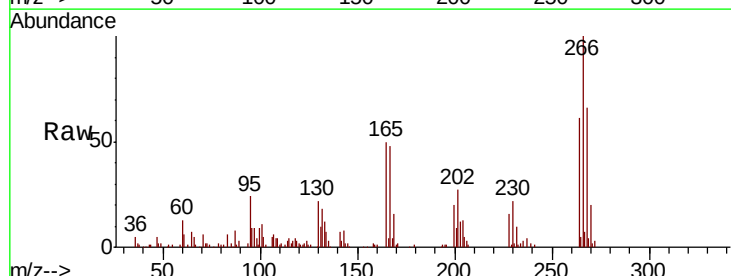


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

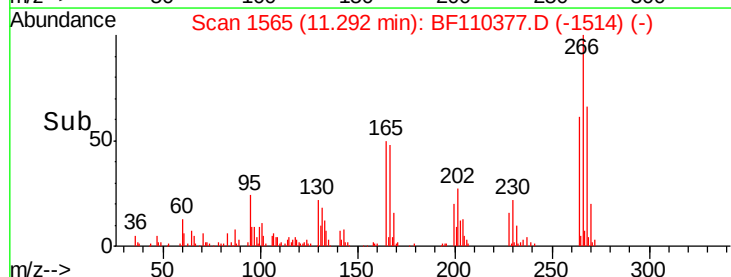
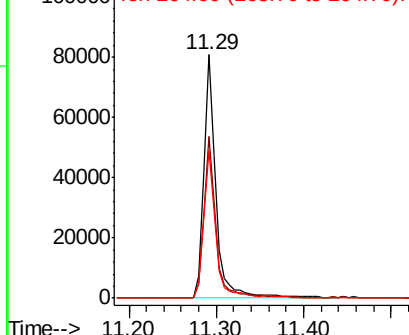


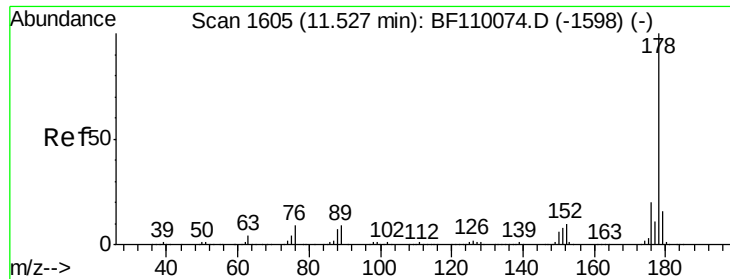
#70
 Pentachlorophenol
 Concen: 59.256 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF110377.D
 Acq: 1 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	50.6	75.8
264	60.8	50.6	75.8



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

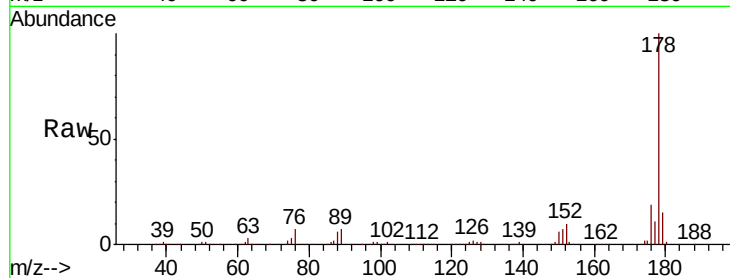




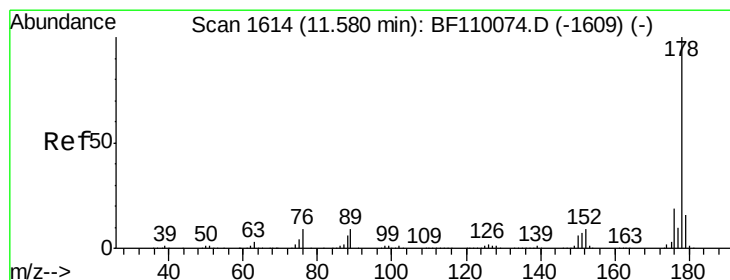
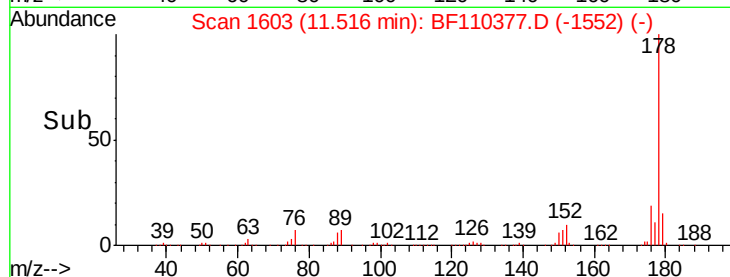
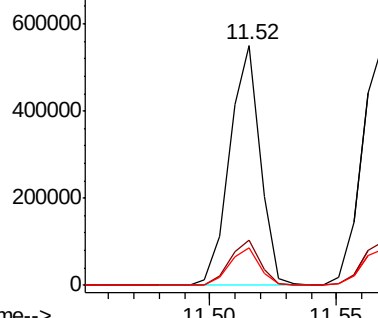
#71
Phenanthrene
Concen: 44.878 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 464419
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.5 12.5 18.7

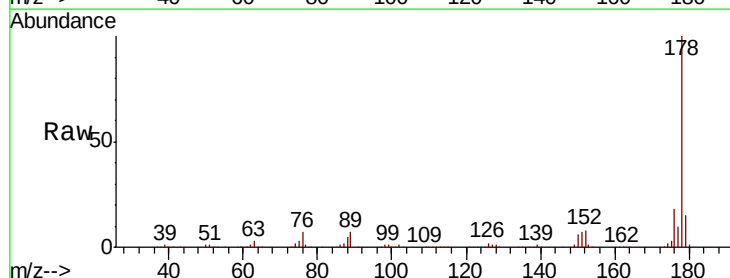


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

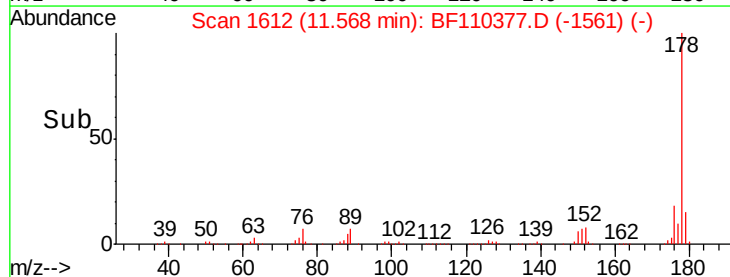
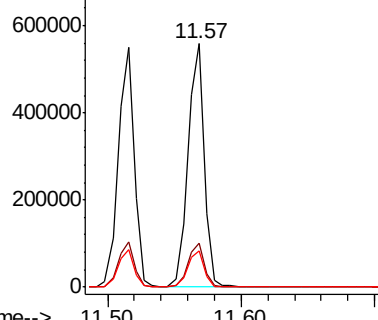


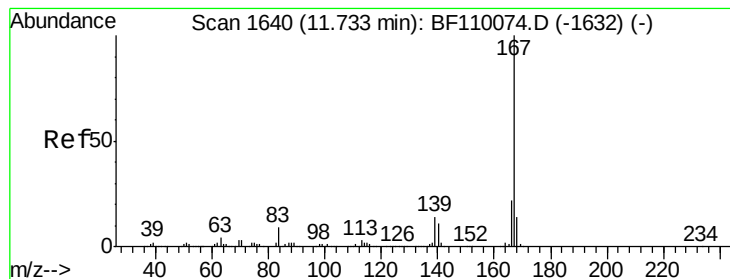
#72
Anthracene
Concen: 46.422 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion:178 Resp: 481525
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.2
179 14.8 12.6 18.8



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





#73

Carbazole

Concen: 37.644 ng

RT: 11.72 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

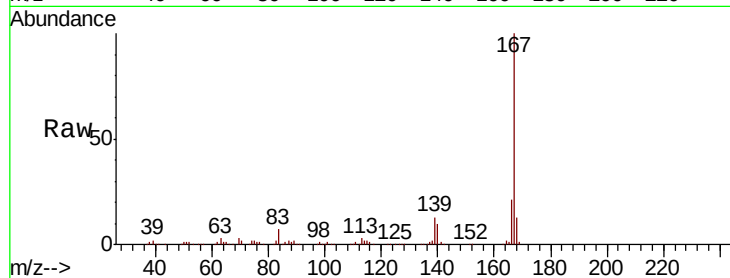
Tot Ion:167 Resp: 381252

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

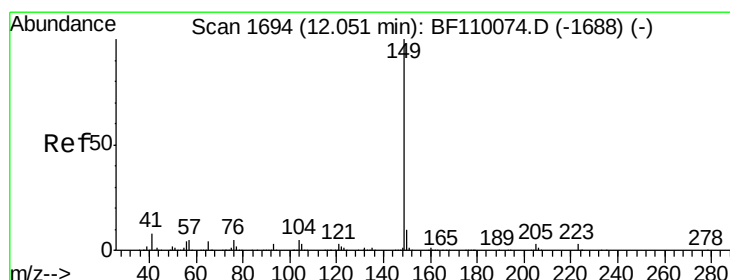
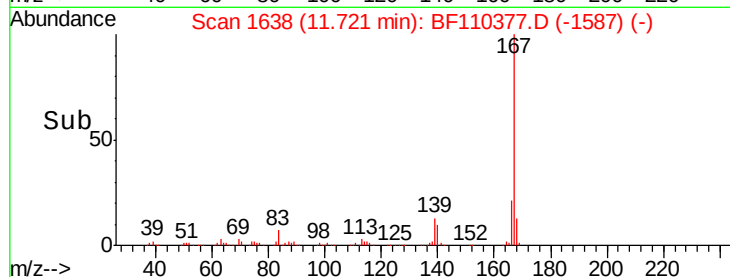
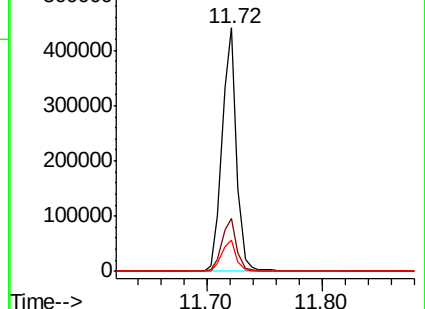
139 12.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.197 ng

RT: 12.03 min Scan# 1691

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

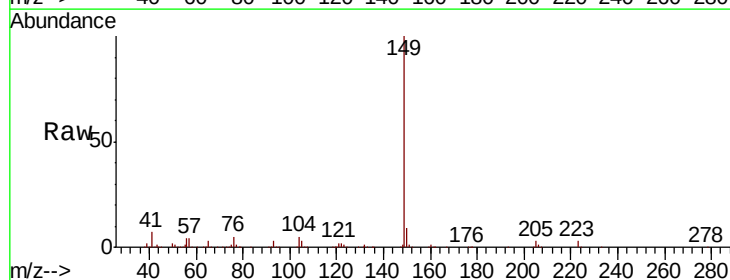
Tgt Ion:149 Resp: 505546

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

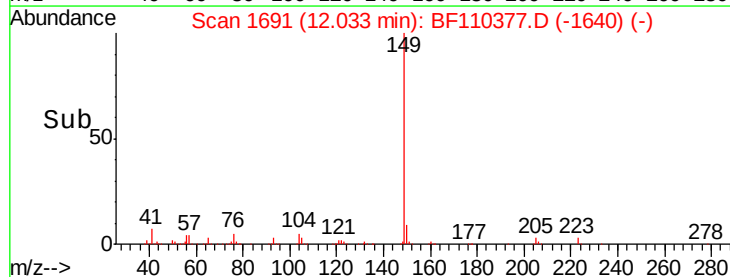
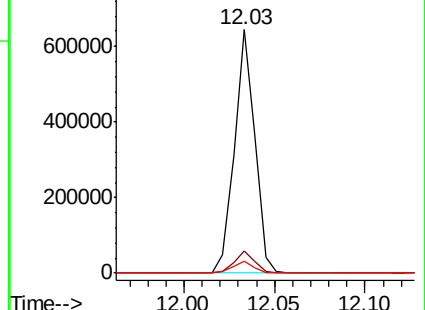
104 4.9 4.2 6.4

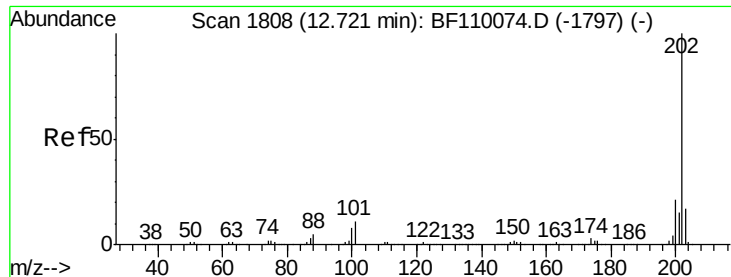


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.225 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

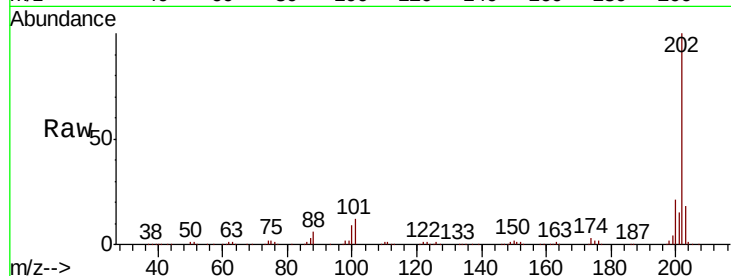
Tot Ion:202 Resp: 432963

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.4

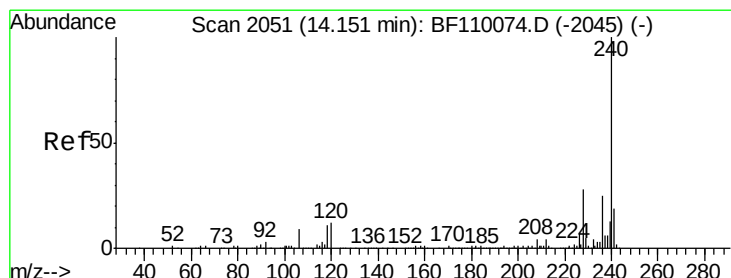
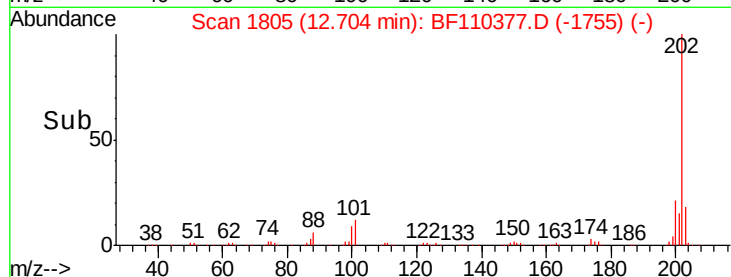
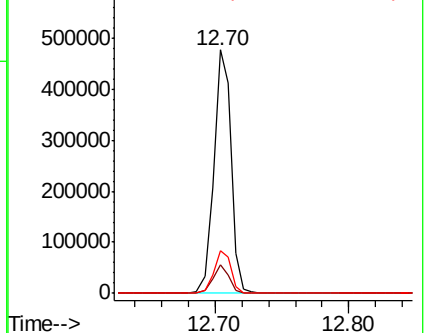
203 17.5 0.0 37.7



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: BF110377.D

Acq: 1 Nov 2018 19:39

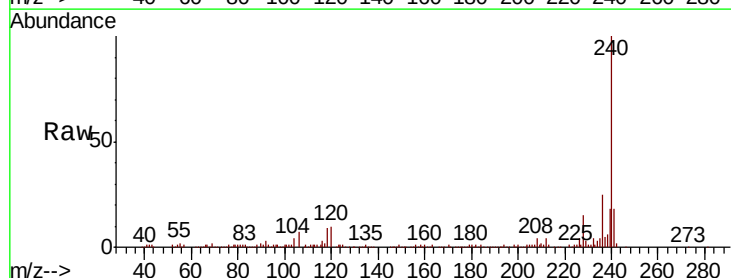
Tgt Ion:240 Resp: 158574

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

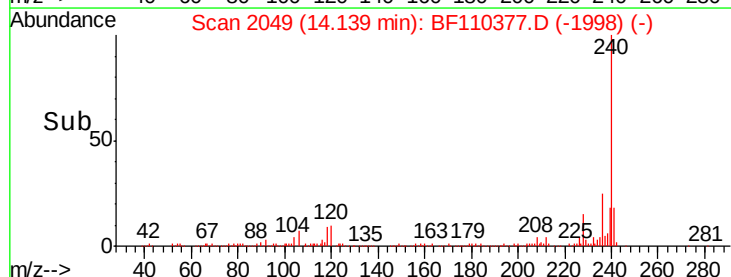
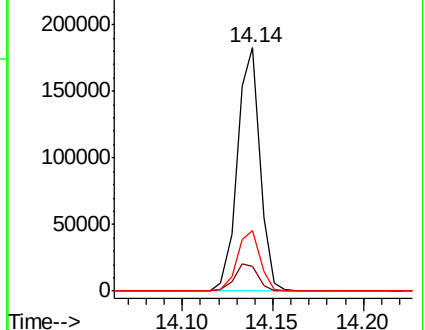
236 25.0 21.2 31.8

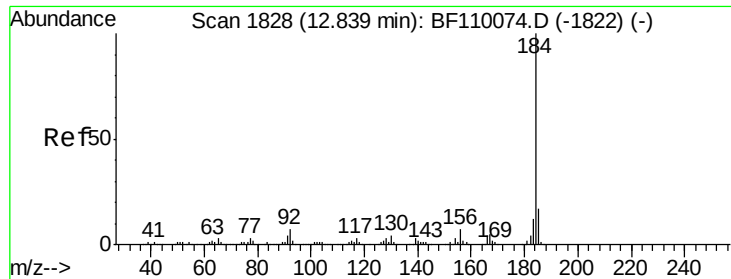


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.412 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.24 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

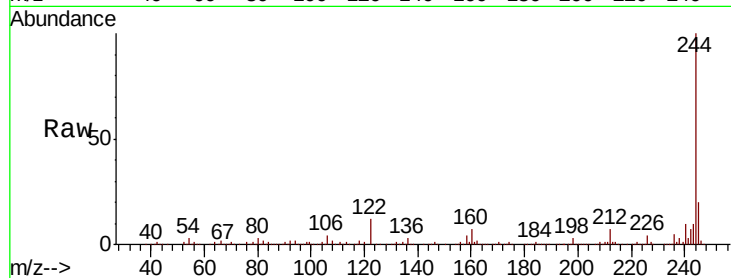
Tot Ion:184 Resp: 7732

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.2

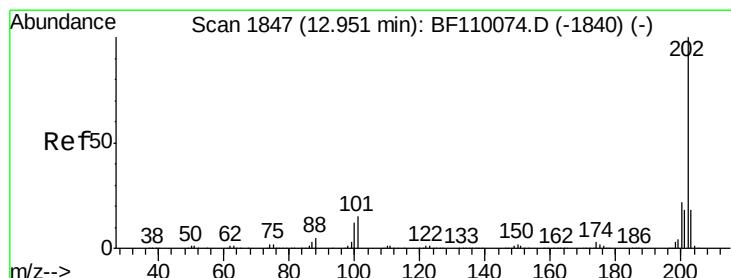
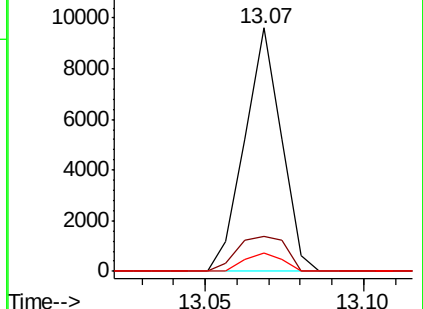
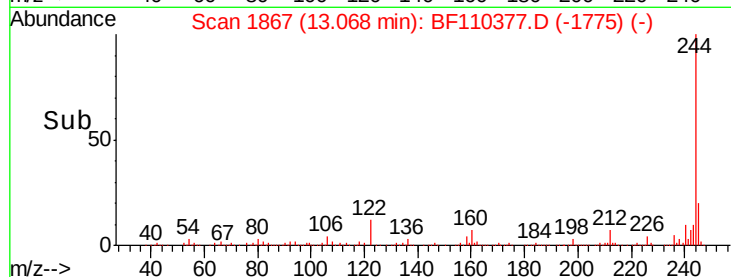
183 7.6 9.4 14.2#



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: 37.931 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

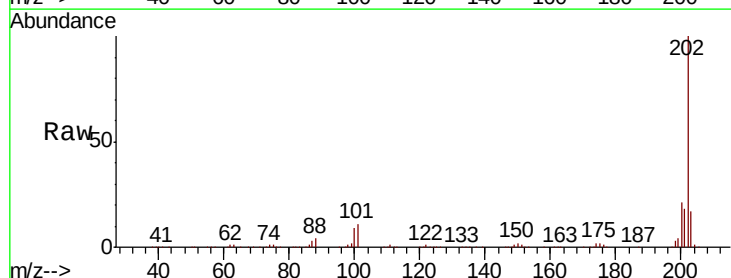
Tgt Ion:202 Resp: 431212

Ion Ratio Lower Upper

202 100

200 20.8 17.8 26.6

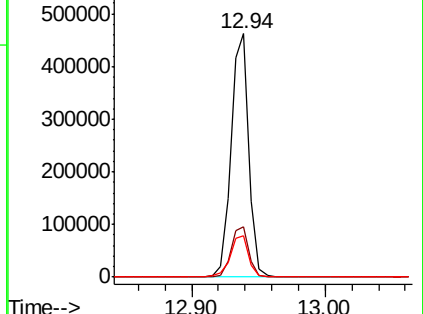
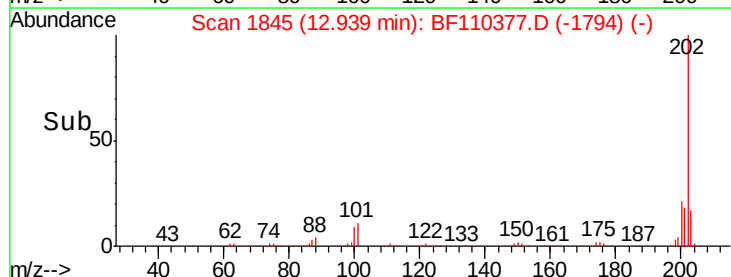
203 17.0 14.2 21.4

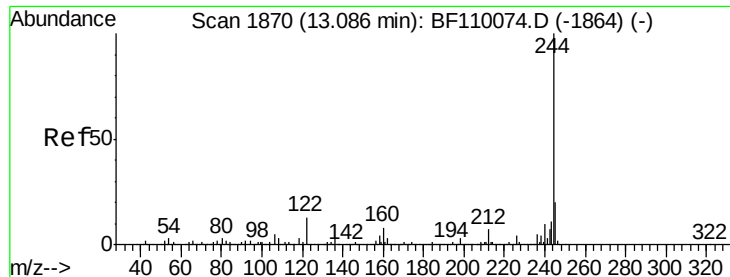


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.125 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

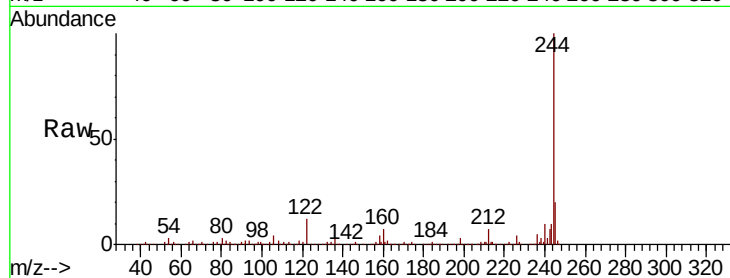
Tot Ion:244 Resp: 572813

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

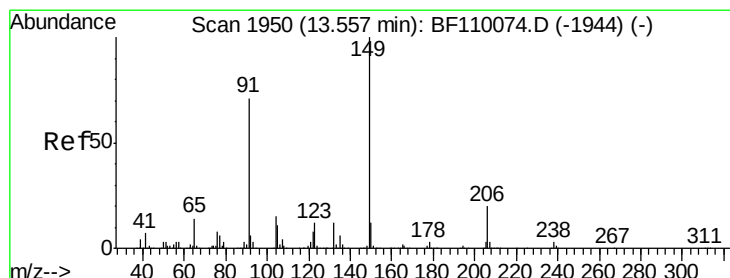
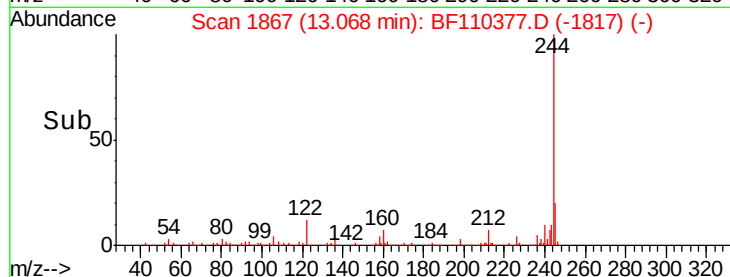
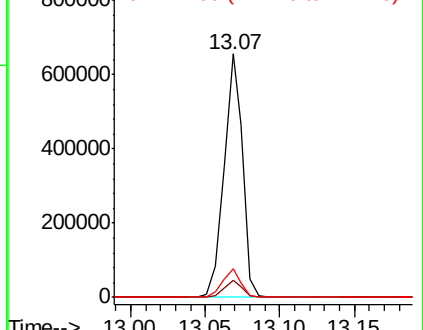
122 12.0 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.506 ng

RT: 13.54 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

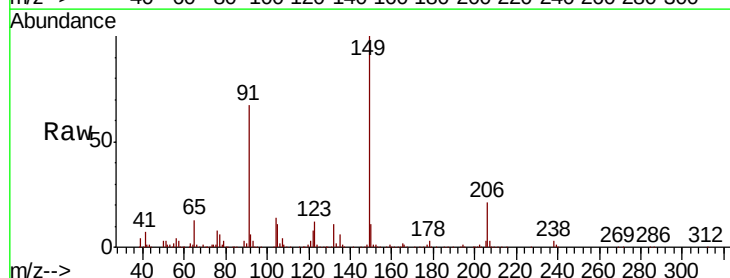
Tgt Ion:149 Resp: 204804

Ion Ratio Lower Upper

149 100

91 67.1 57.2 85.8

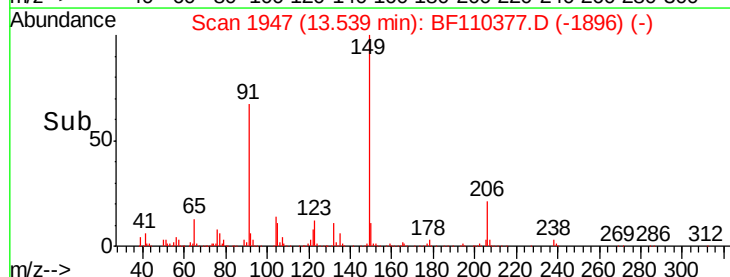
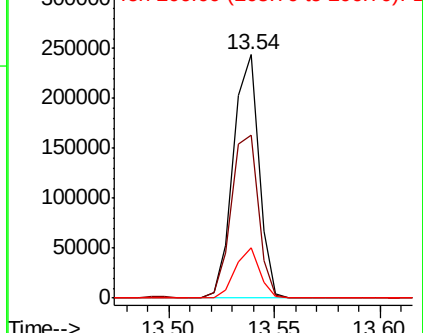
206 20.7 15.7 23.5

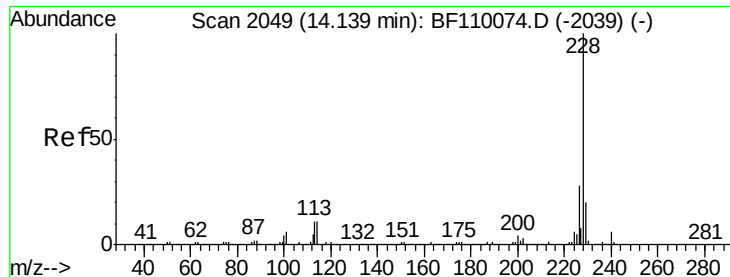


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.004 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

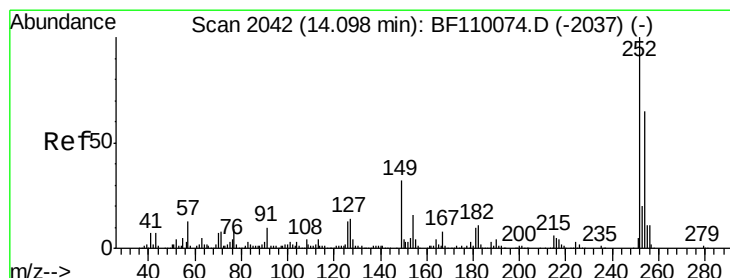
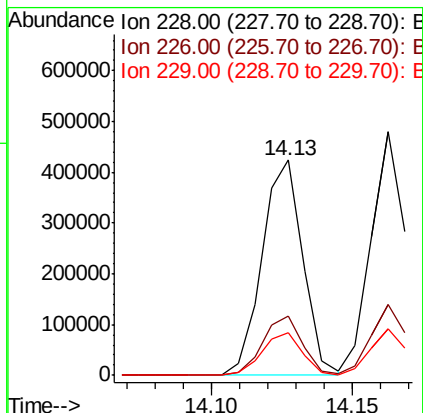
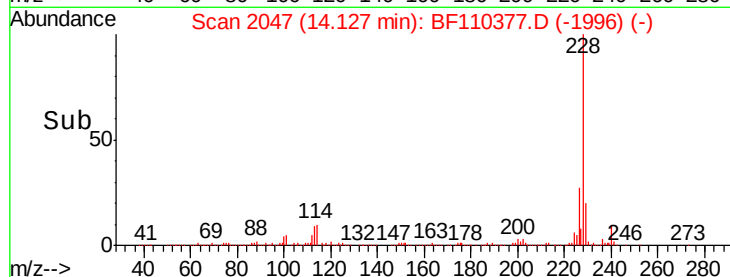
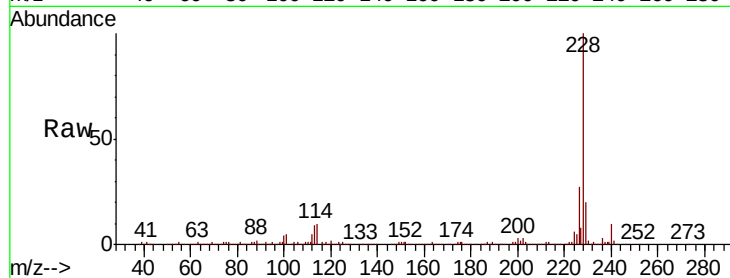
Tot Ion:228 Resp: 423210

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 29.034 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

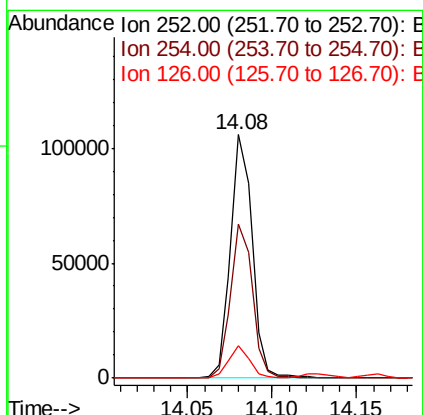
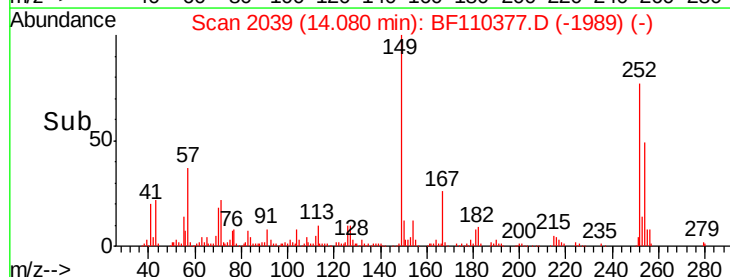
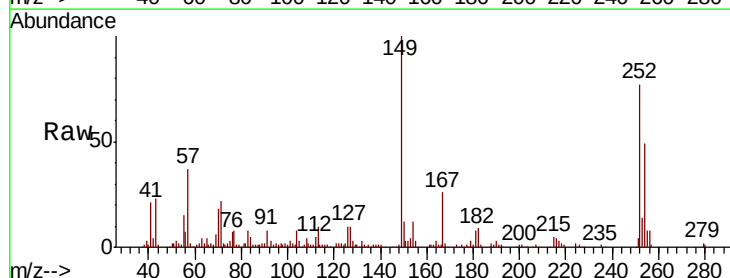
Tgt Ion:252 Resp: 95072

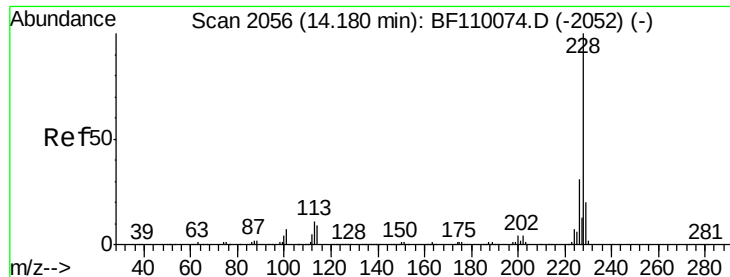
Ion Ratio Lower Upper

252 100

254 63.5 51.3 76.9

126 13.5 9.4 14.2





#83

Chrysene

Concen: 44.969 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

Instrument :

BNA_F

ClientSampleId :

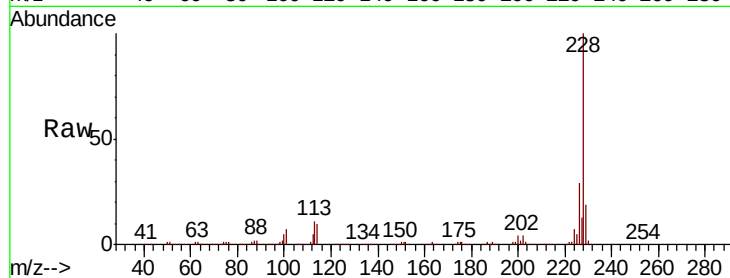
Tot Ion:228 Resp: 401649

Ion Ratio Lower Upper

228 100

226 29.3 24.7 37.1

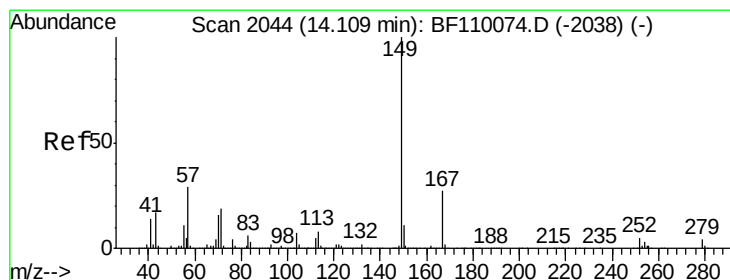
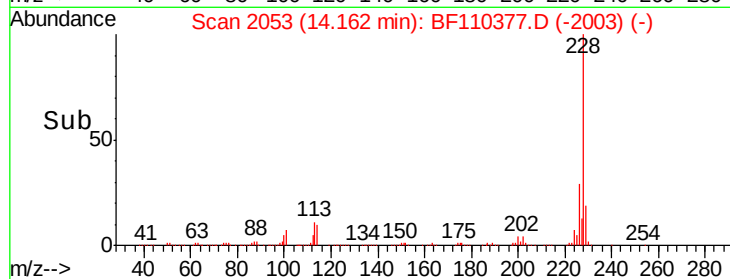
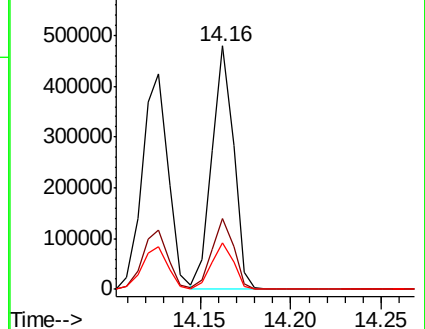
229 19.0 15.9 23.9



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: 41.864 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF110377.D

Acq: 1 Nov 2018 19:39

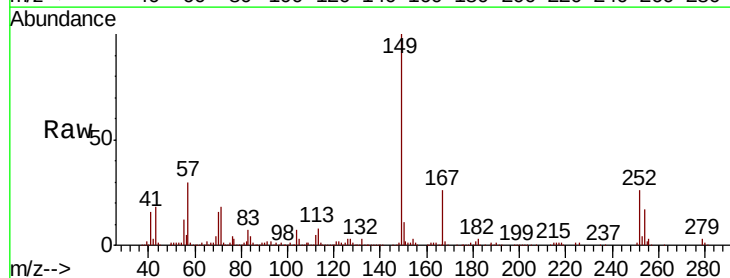
Tgt Ion:149 Resp: 279243

Ion Ratio Lower Upper

149 100

167 26.0 19.8 29.8

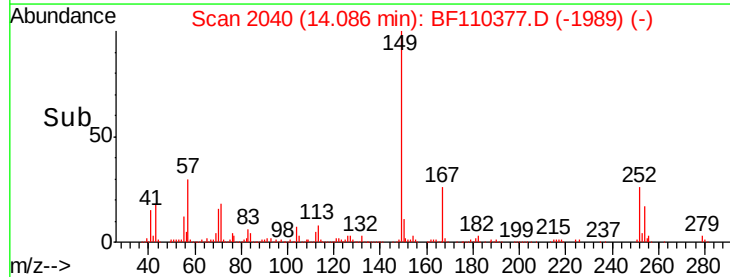
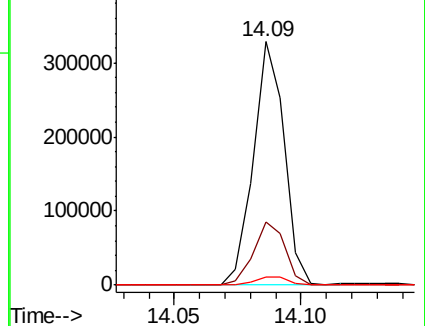
279 3.2 2.7 4.1

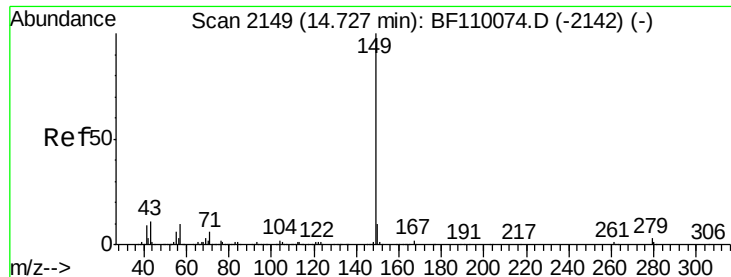


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

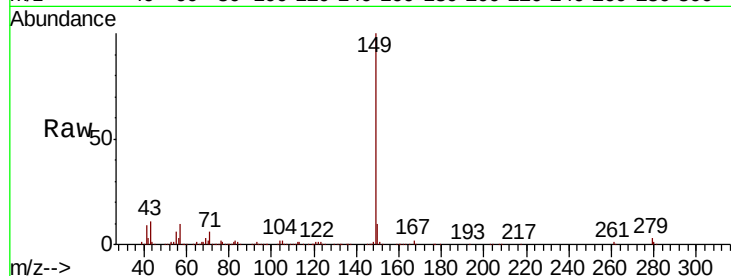




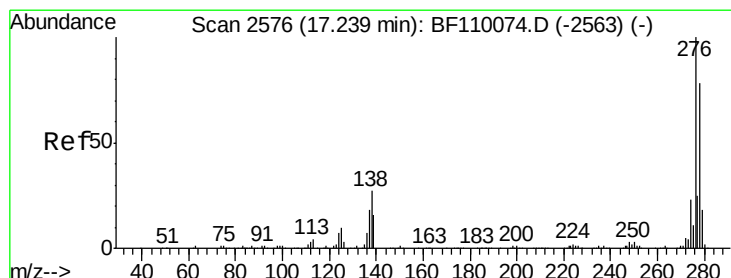
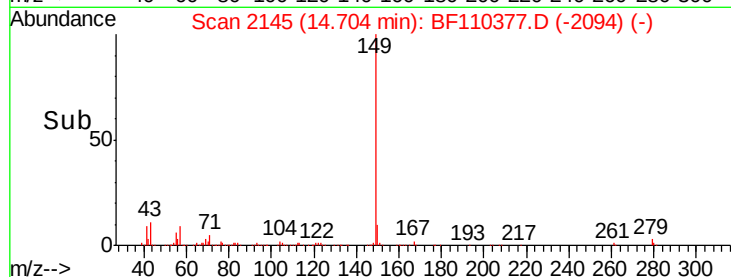
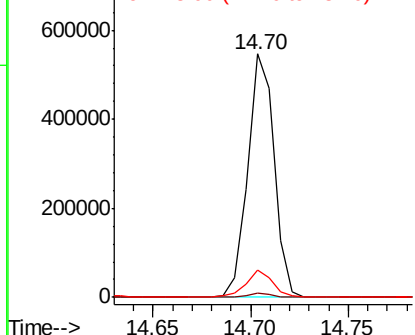
#85
Di-n-octyl phthalate
Concen: 49.276 ng
RT: 14.70 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 511081
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.2 7.8 11.8

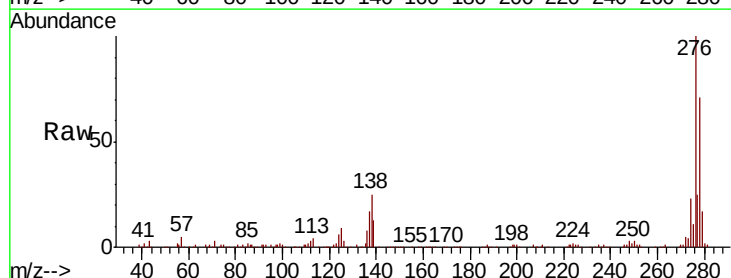


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

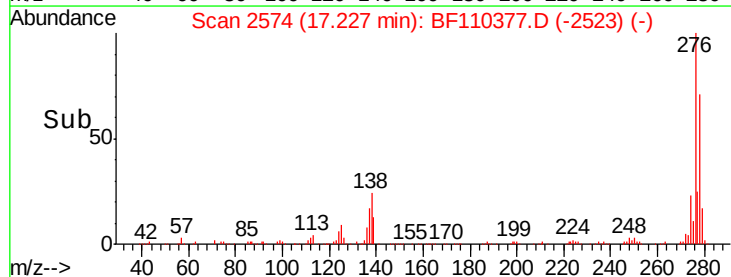
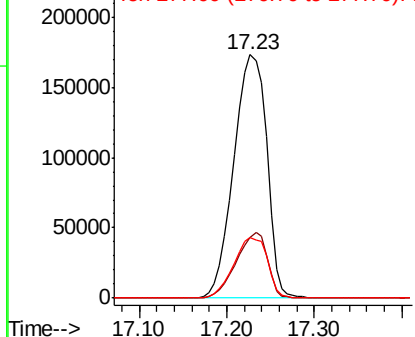


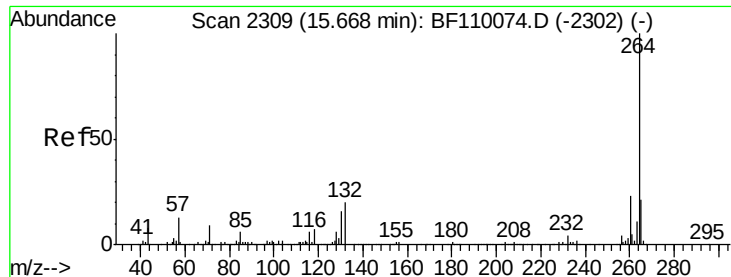
#86
Indeno(1,2,3-cd)pyrene
Concen: 59.987 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion:276 Resp: 444488
Ion Ratio Lower Upper
276 100
138 25.3 18.5 27.7
277 25.2 20.0 30.0



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



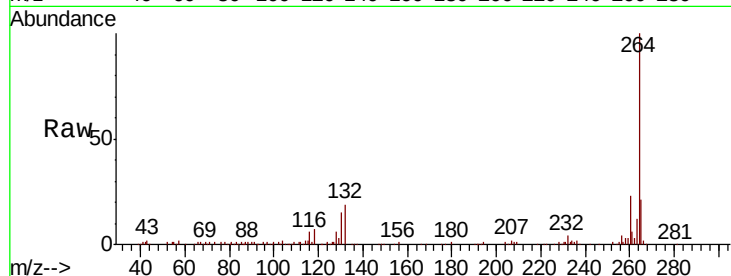


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

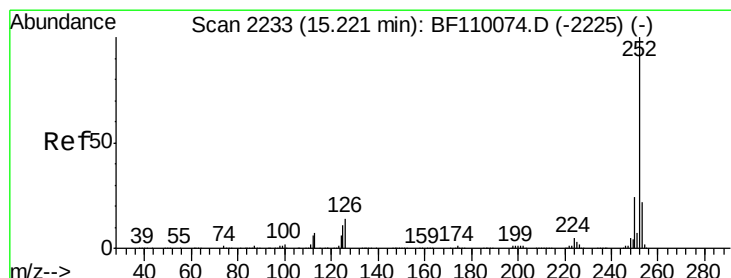
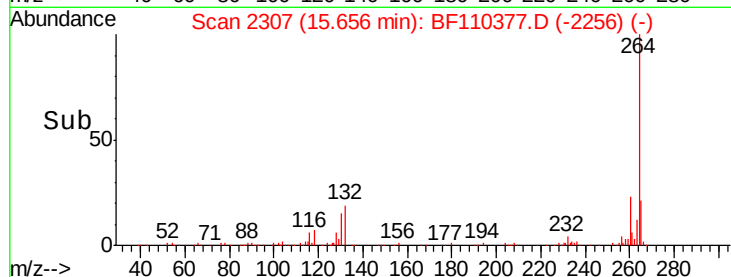
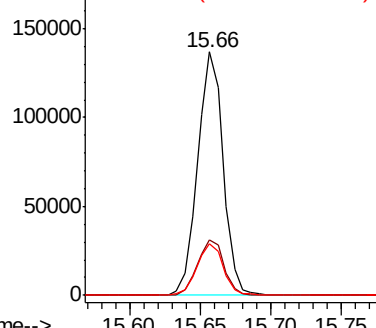
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 171442

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.1	16.7	25.1



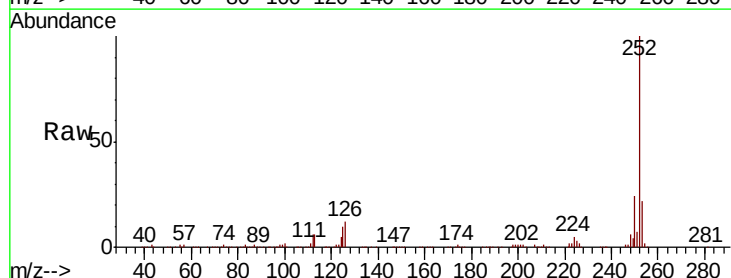
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



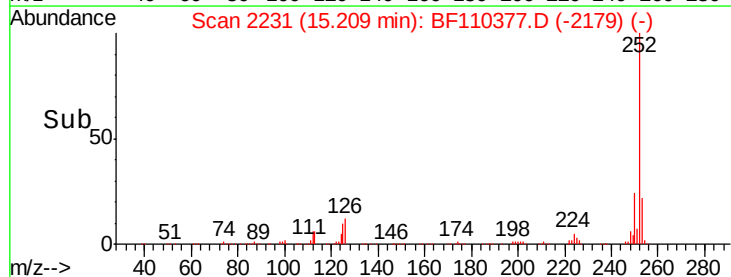
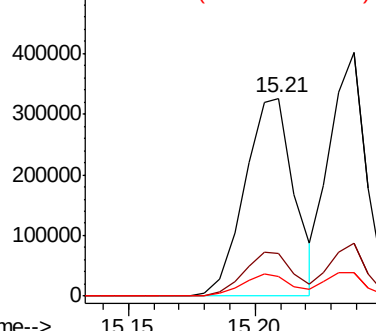
#88
Benzo(b)fluoranthene
Concen: 44.856 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

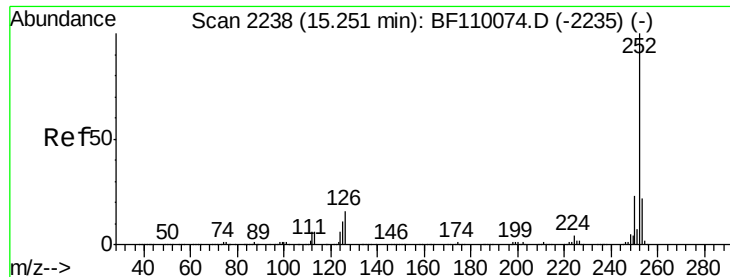
Tgt Ion:252 Resp: 444085

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	9.8	8.2	12.4



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

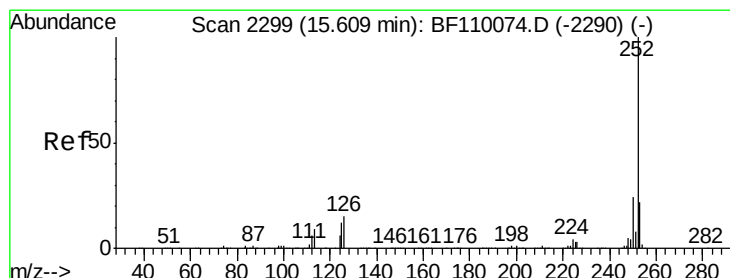
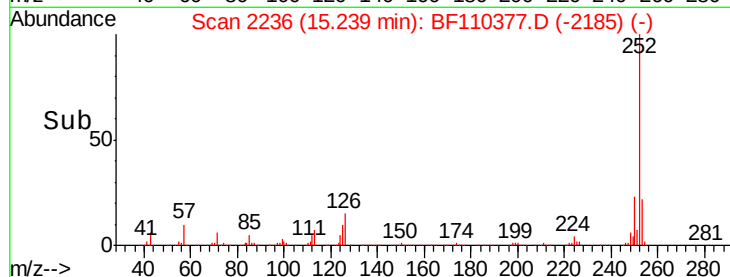
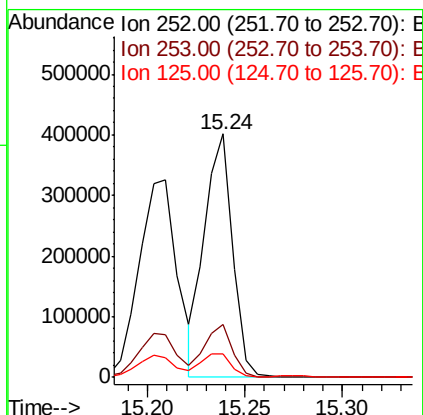
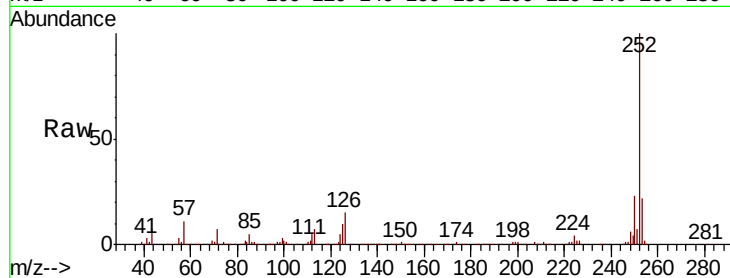




#89
Benzo(k)fluoranthene
Concen: 41.077 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

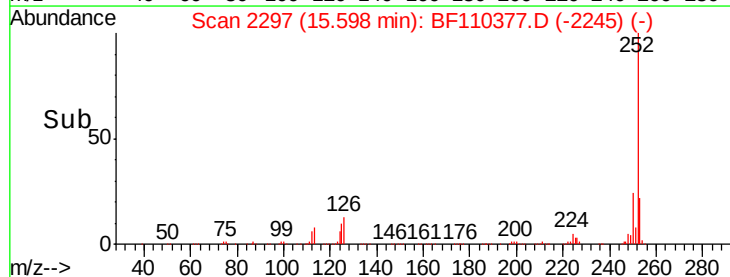
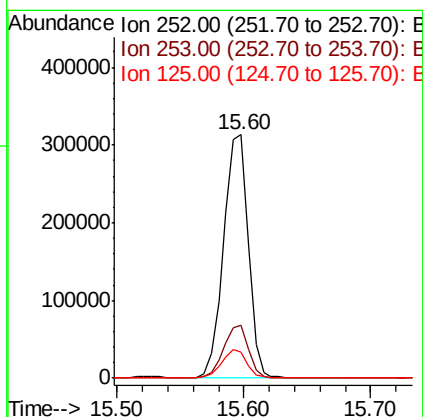
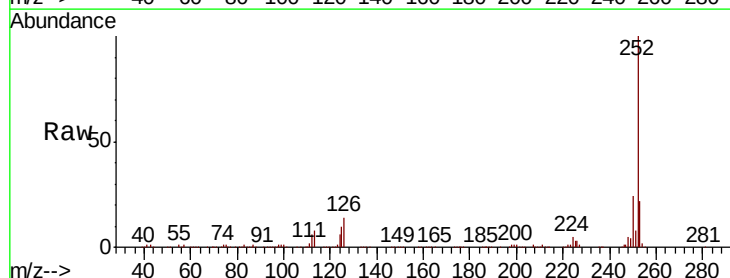
Instrument :
BNA_F
ClientSampled :

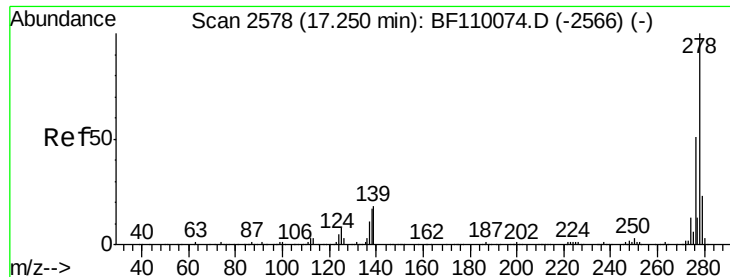
Tot Ion:252 Resp: 399798
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 46.569 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion:252 Resp: 424230
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 10.4 9.0 13.6

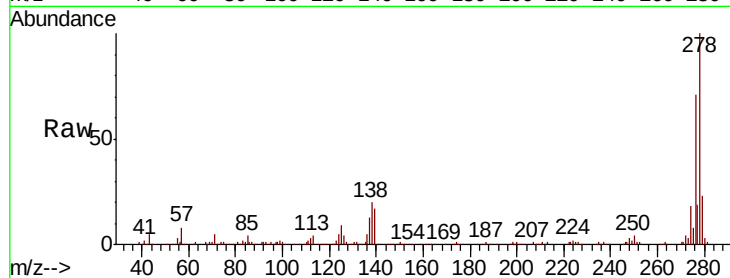




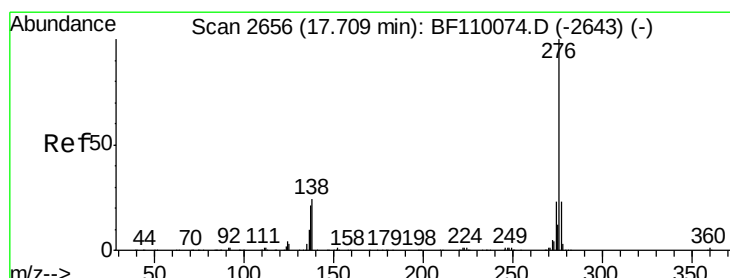
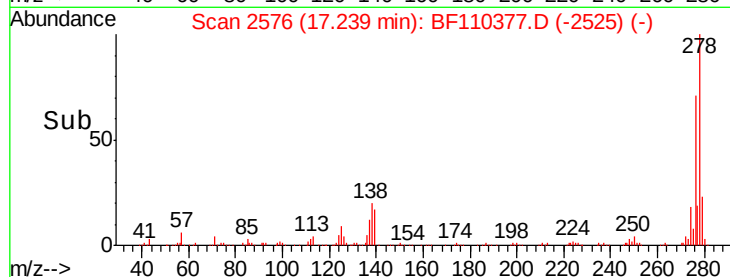
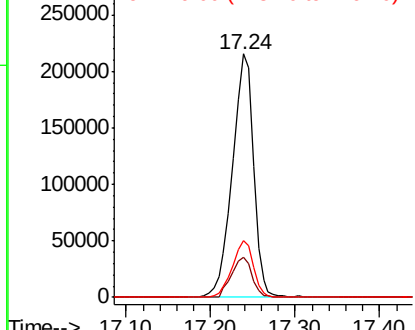
#91
Dibenzo(a,h)anthracene
Concen: 47.218 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 371153
Ion Ratio Lower Upper
278 100
139 16.7 12.7 19.1
279 23.3 19.0 28.4

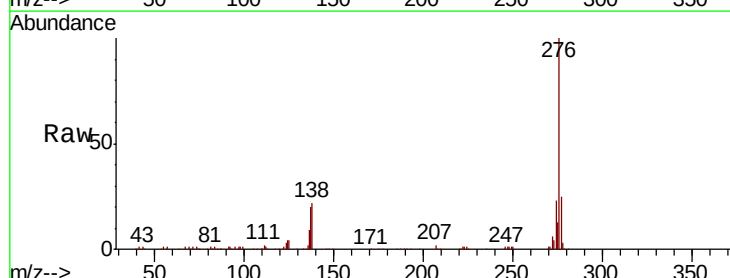


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.410 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.00 min
Lab File: BF110377.D
Acq: 1 Nov 2018 19:39

Tgt Ion:276 Resp: 343990
Ion Ratio Lower Upper
276 100
277 25.0 18.8 28.2
138 21.9 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

