

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110373.D
 Acq On : 1 Nov 2018 17:50
 Operator : JU/SJ
 Sample : PB114382BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 04:10:27 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	72357	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	299421	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	139354	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	247165	20.00	ng	0.00
76) Chrysene-d12	14.14	240	137063	20.00	ng	0.00
87) Perylene-d12	15.69	264	146871	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	663156	149.25	ng	0.02
7) Phenol-d6	6.59	99	829531	145.96	ng	0.00
23) Nitrobenzene-d5	7.52	82	413653	81.94	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	200704	145.40	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	801882	90.36	ng	0.00
79) Terphenyl-d14	13.07	244	619705	94.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	97502	41.883	ng	90
3) Pyridine	3.66	79	208997	40.307	ng	# 83
4) n-Nitrosodimethylamine	3.62	42	98119	45.167	ng	92
6) Aniline	6.62	93	247722	33.460	ng	# 54
8) 2-Chlorophenol	6.75	128	214751	41.921	ng	98
9) Benzaldehyde	6.51	77	156092	51.451	ng	98
10) Phenol	6.60	94	262524	43.213	ng	# 65
11) bis(2-Chloroethyl)ether	6.69	93	194873	38.990	ng	96
12) 1,3-Dichlorobenzene	6.90	146	228370	40.509	ng	97
13) 1,4-Dichlorobenzene	6.97	146	231202	40.550	ng	97
14) 1,2-Dichlorobenzene	7.13	146	218231	41.231	ng	98
15) Benzyl Alcohol	7.09	79	186291	42.618	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	314505	39.356	ng	69
17) 2-Methylphenol	7.20	107	171405	41.984	ng	# 82
18) Hexachloroethane	7.46	117	85596	41.005	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	144244	39.561	ng	94
20) 3+4-Methylphenols	7.35	107	223015	42.260	ng	95
22) Acetophenone	7.36	105	298885	43.321	ng	# 96
24) Nitrobenzene	7.54	77	220722	42.350	ng	94
25) Isophorone	7.77	82	395096	45.914	ng	96
26) 2-Nitrophenol	7.85	139	111262	44.861	ng	98
27) 2,4-Dimethylphenol	7.88	122	195517	47.549	ng	100
28) bis(2-Chloroethoxy)methane	7.98	93	249947	42.757	ng	98
29) 2,4-Dichlorophenol	8.09	162	178619	42.997	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	192728	41.418	ng	96
31) Naphthalene	8.26	128	618619	44.828	ng	99
32) Benzoic acid	8.00	122	80697	25.392	ng	96
33) 4-Chloroaniline	8.30	127	147807	23.798	ng	97
34) Hexachlorobutadiene	8.37	225	107137	41.467	ng	97
35) Caprolactam	8.71	113	24922	17.212	ng	96
36) 4-Chloro-3-methylphenol	8.79	107	189108	42.097	ng	98
37) 2-Methylnaphthalene	8.95	142	429130	47.000	ng	99
38) 1-Methylnaphthalene	9.05	142	396486	44.936	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	180177	41.497	ng	99

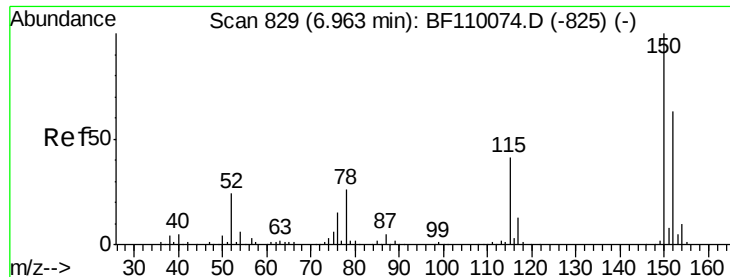
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110373.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	138744	62.491	nq	99
43) 2,4,6-Trichlorophenol	9.23	196	119568	42.695	nq	97
44) 2,4,5-Trichlorophenol	9.27	196	123799	41.820	nq	96
46) 1,1'-Biphenyl	9.42	154	516946	41.022	nq	100
47) 2-Chloronaphthalene	9.45	162	390135	42.205	nq	99
48) 2-Nitroaniline	9.54	65	116165	41.471	nq	96
49) Acenaphthylene	9.86	152	601182	45.028	nq	99
50) Dimethylphthalate	9.71	163	445910	43.348	nq	99
51) 2,6-Dinitrotoluene	9.78	165	95919	43.288	nq	97
52) Acenaphthene	10.03	154	361189	40.893	nq	98
53) 3-Nitroaniline	9.95	138	68557	26.018	nq	91
54) 2,4-Dinitrophenol	10.06	184	48395	56.646	nq	93
55) Dibenzofuran	10.20	168	526087	42.542	nq	99
56) 4-Nitrophenol	10.12	139	176485	90.495	nq	97
57) 2,4-Dinitrotoluene	10.19	165	126440	44.925	nq	# 81
58) Fluorene	10.55	166	416983	45.307	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	100888	41.812	nq	93
60) Diethylphthalate	10.41	149	437259	43.545	nq	99
61) 4-Chlorophenyl-phenylether	10.53	204	200215	41.238	nq	94
62) 4-Nitroaniline	10.57	138	93068	35.511	nq	96
63) Azobenzene	10.70	77	421922	42.330	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	38818	34.376	nq	88
66) n-Nitrosodiphenylamine	10.66	169	361725	44.619	nq	96
67) 4-Bromophenyl-phenylether	11.03	248	115758	43.177	nq	93
68) Hexachlorobenzene	11.10	284	120705	42.432	nq	95
69) Atrazine	11.18	200	114923	44.857	nq	99
70) Pentachlorophenol	11.29	266	97019	58.490	nq	97
71) Phenanthrene	11.52	178	571066	44.156	nq	99
72) Anthracene	11.57	178	596645	46.027	nq	98
73) Carbazole	11.72	167	469834	37.120	nq	99
74) Di-n-butylphthalate	12.03	149	649553	45.440	nq	99
75) Fluoranthene	12.71	202	500140	38.105	nq	98
77) Benzidine	12.82	184	280407	Below Cal		98
78) Pyrene	12.94	202	475199	48.360	nq	98
80) Butylbenzylphthalate	13.54	149	203560	47.728	nq	95
81) Benzo(a)anthracene	14.13	228	370970	45.640	nq	99
82) 3,3'-Dichlorobenzidine	14.09	252	86922	30.711	nq	100
83) Chrysene	14.17	228	342032	44.304	nq	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	279028	48.397	nq	97
85) Di-n-octyl phthalate	14.74	149	440696	49.158	nq	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	406517	63.473	nq	98
88) Benzo(b)fluoranthene	15.24	252	370646	43.702	nq	99
89) Benzo(k)fluoranthene	15.27	252	344190	41.280	nq	99
90) Benzo(a)pyrene	15.63	252	359011	46.003	nq	98
91) Dibenzo(a,h)anthracene	17.27	278	335741	49.859	nq	98
92) Benzo(g,h,i)perylene	17.74	276	323506	48.753	nq	99

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

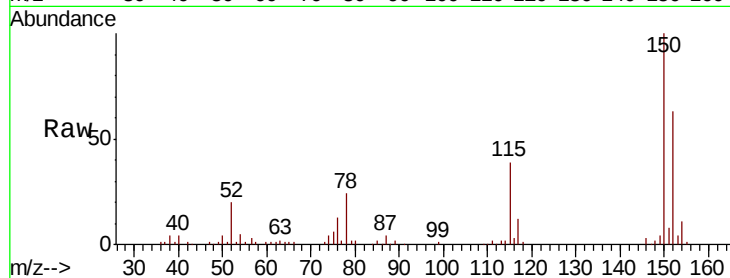


#1

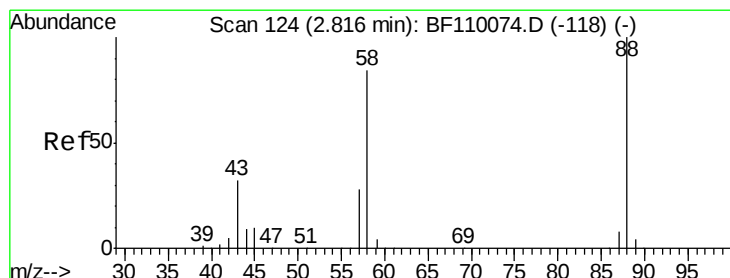
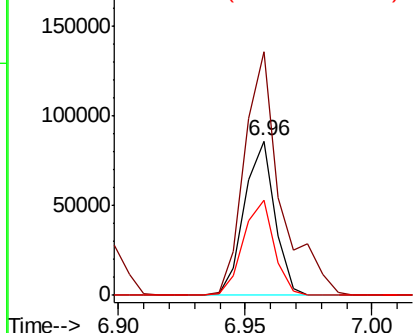
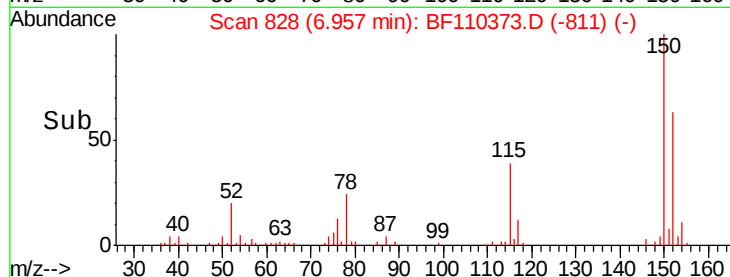
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72357
Ion Ratio Lower Upper
152 100
150 157.5 122.7 184.1
115 61.3 49.1 73.7



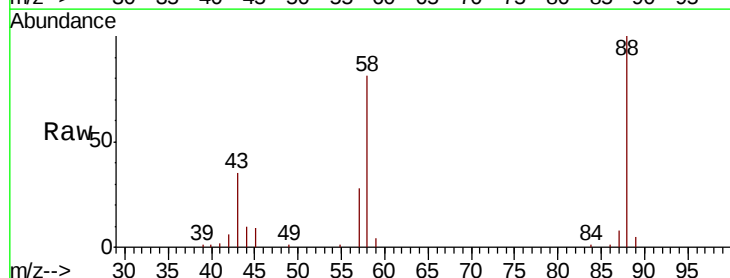
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



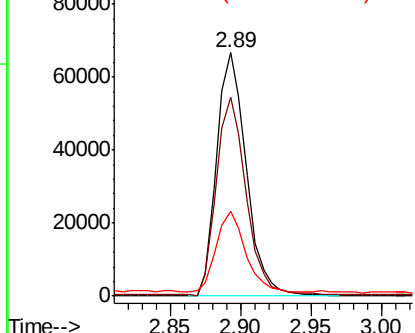
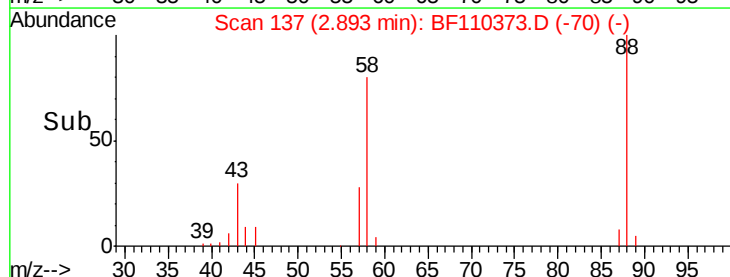
#2

1,4-Dioxane
Concen: 41.883 ng
RT: 2.89 min Scan# 137
Delta R.T. 0.09 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion: 88 Resp: 97502
Ion Ratio Lower Upper
88 100
58 81.0 57.1 85.7
43 32.7 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: 40.307 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.08 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampled :

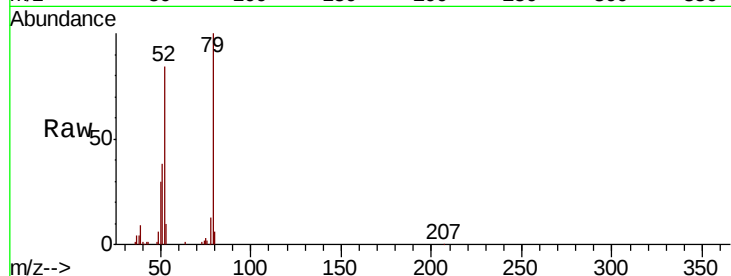
Tot Ion: 79 Resp: 208997

Ion Ratio Lower Upper

79 100

52 84.0 53.1 79.7#

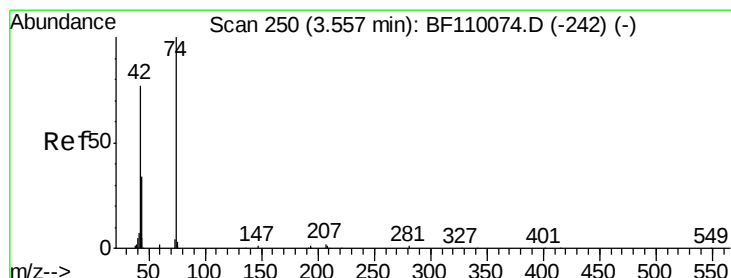
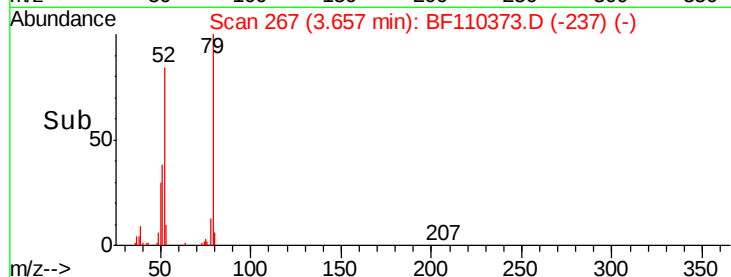
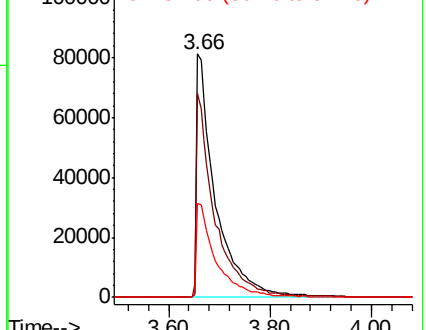
51 38.3 27.4 41.2



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: 45.167 ng

RT: 3.62 min Scan# 260

Delta R.T. 0.07 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

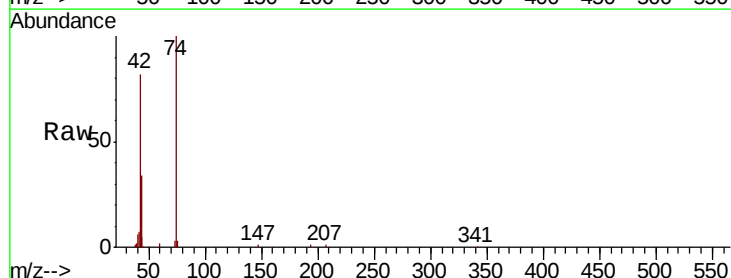
Tgt Ion: 42 Resp: 98119

Ion Ratio Lower Upper

42 100

74 122.3 105.5 158.3

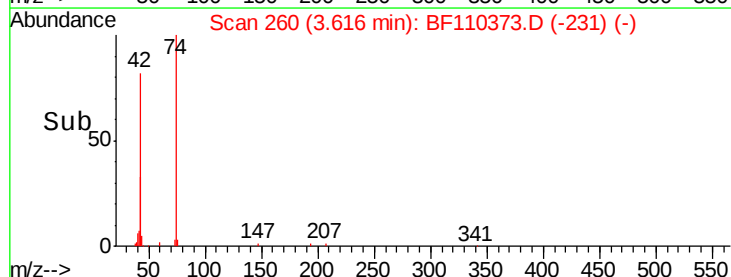
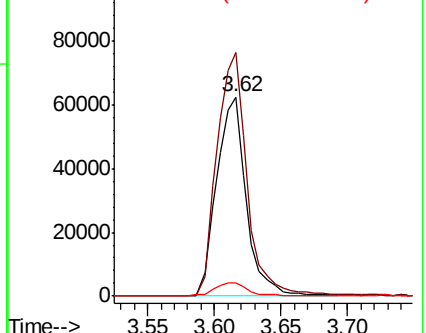
44 6.7 4.9 7.3



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: 149.249 ng

RT: 5.59 min Scan# 596

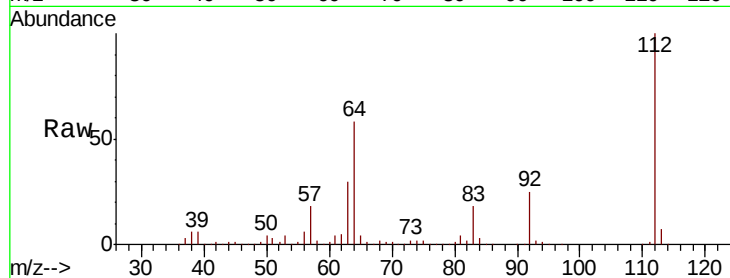
Delta R.T. 0.02 min

Lab File: BF110373.D

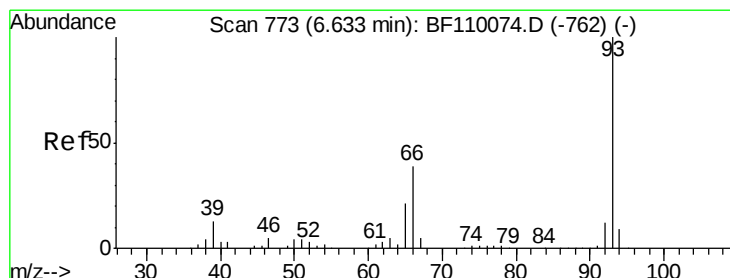
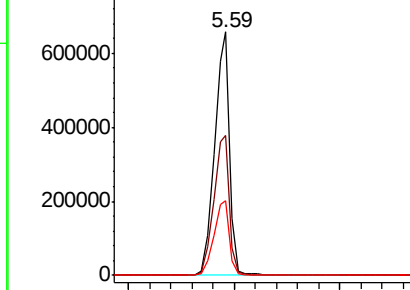
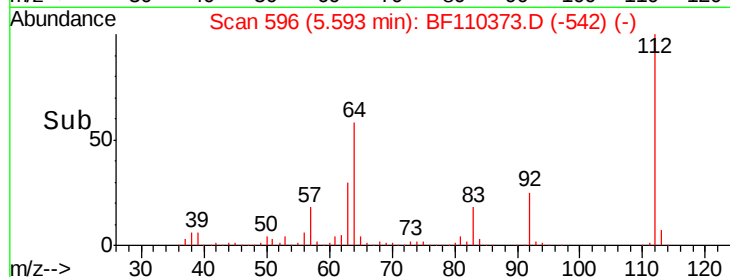
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	663156
Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.1	66.1
63	30.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.460 ng

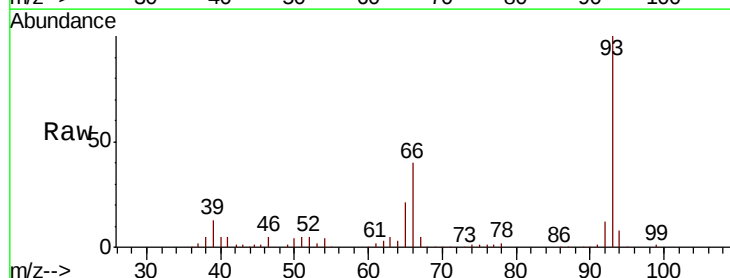
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

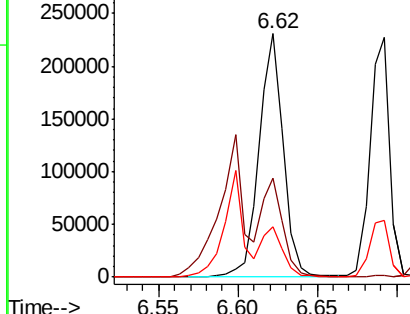
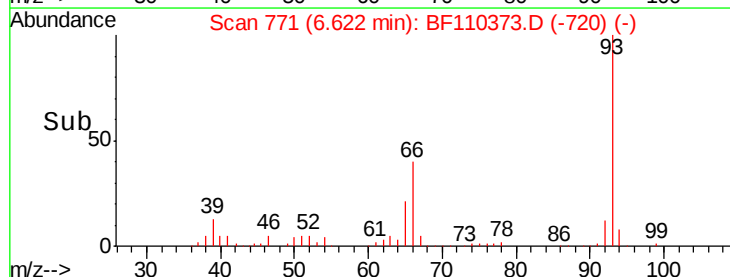
Lab File: BF110373.D

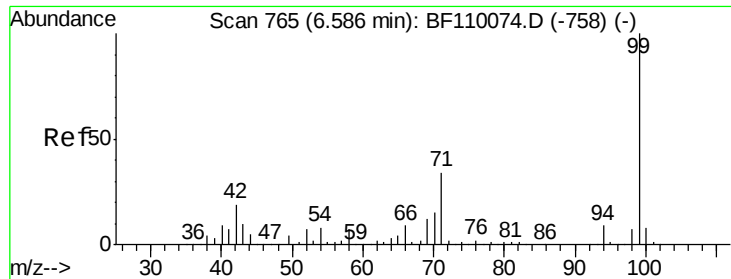
Acq: 1 Nov 2018 17:50

Tgt Ion:	93	Resp:	247722
Ion	Ratio	Lower	Upper
93	100		
66	40.5	67.4	101.0#
65	20.9	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 145.959 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampleId :

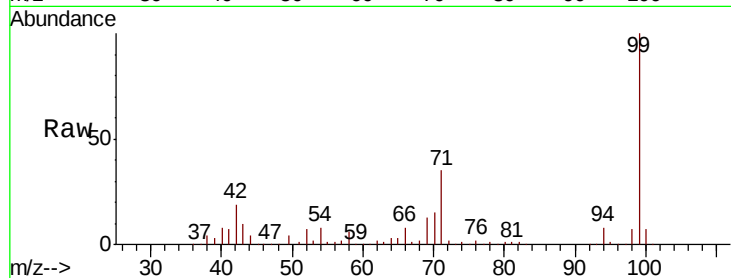
Tot Ion: 99 Resp: 829531

Ion Ratio Lower Upper

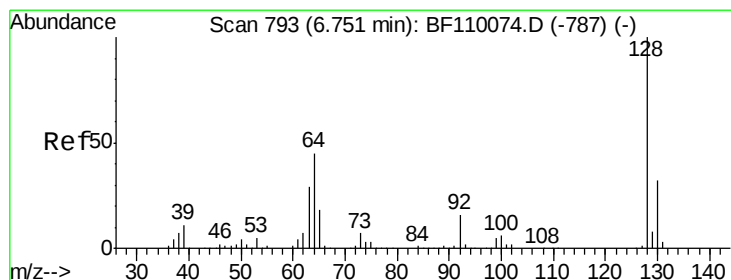
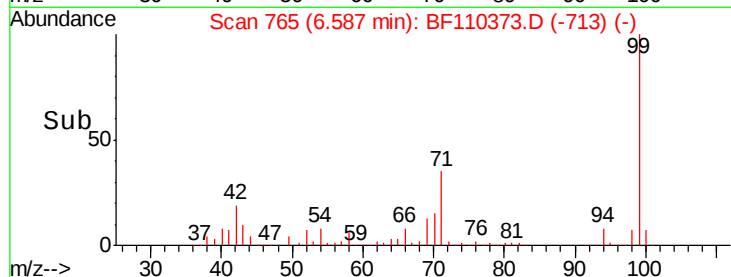
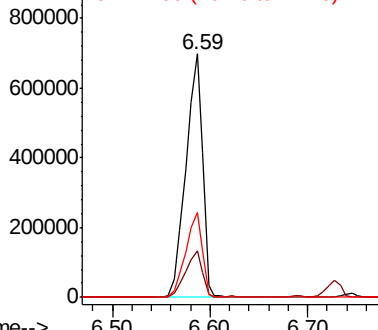
99 100

42 19.1 15.8 23.6

71 34.7 28.0 42.0



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



#8

2-Chlorophenol

Concen: 41.921 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

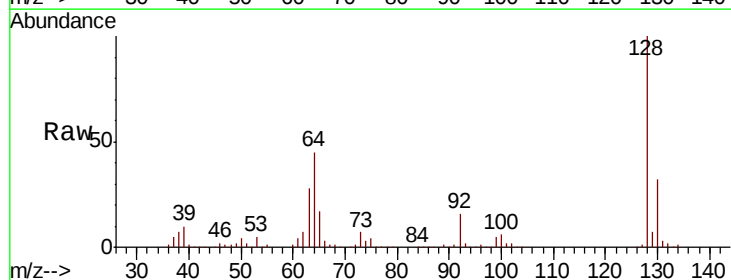
Tgt Ion: 128 Resp: 214751

Ion Ratio Lower Upper

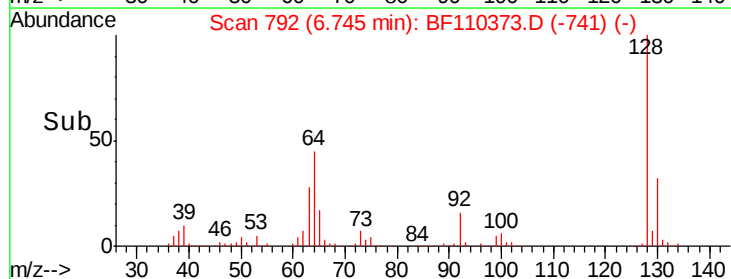
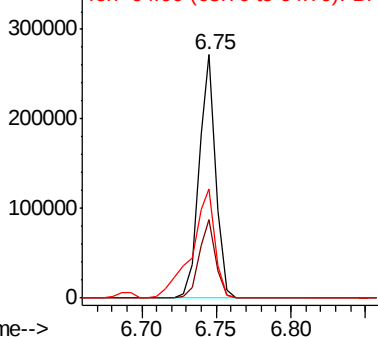
128 100

130 32.3 13.1 53.1

64 44.8 26.0 66.0



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





#9

Benzaldehyde

Concen: 51.451 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampled :

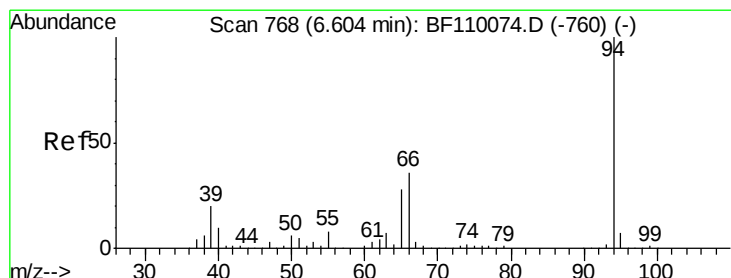
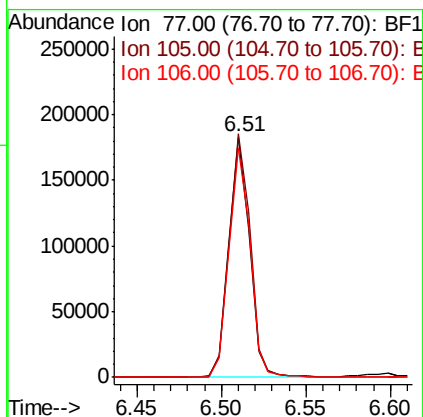
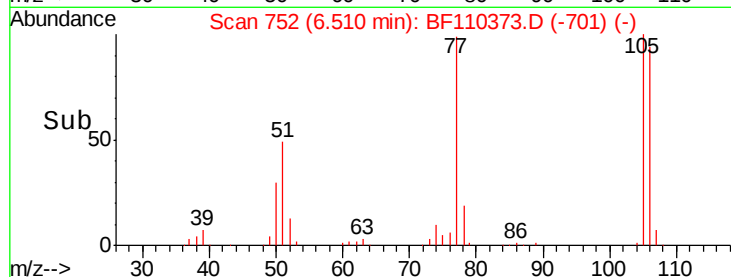
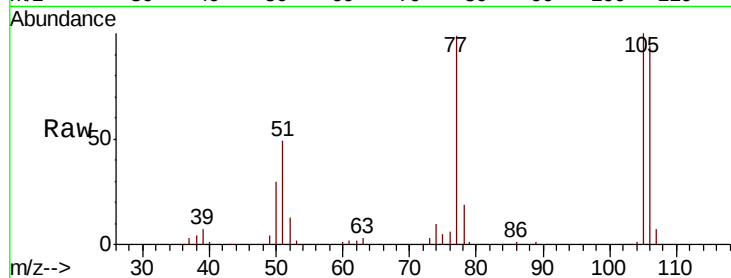
Tot Ion: 77 Resp: 156092

Ion Ratio Lower Upper

77 100

105 101.5 78.6 118.6

106 95.6 74.8 114.8



#10

Phenol

Concen: 43.213 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

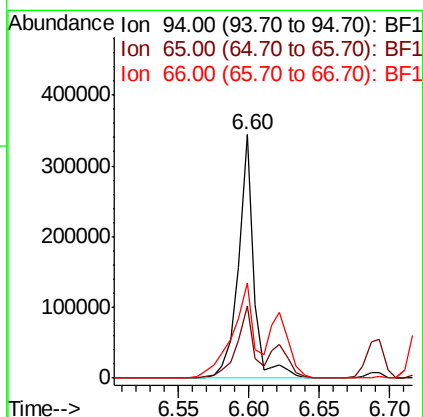
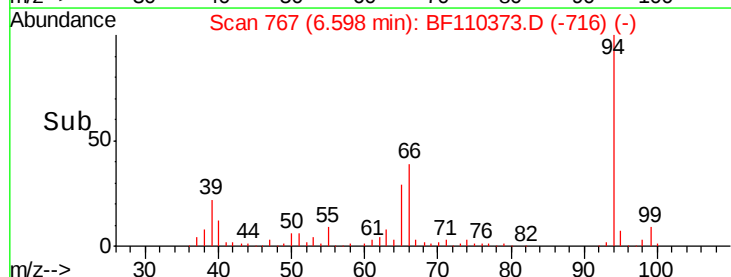
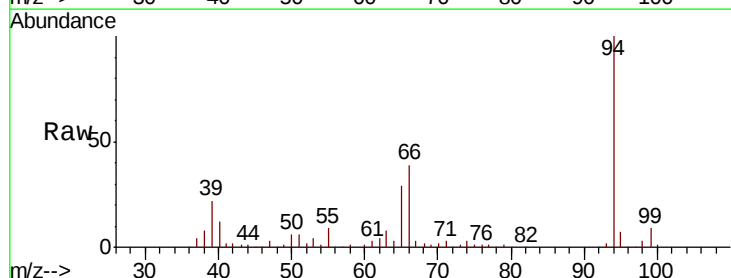
Tgt Ion: 94 Resp: 262524

Ion Ratio Lower Upper

94 100

65 29.5 25.3 65.3

66 39.2 54.5 94.5#



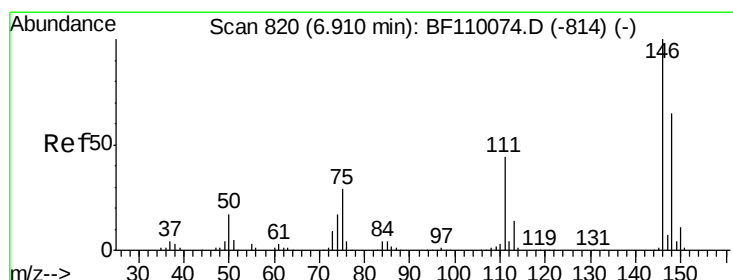
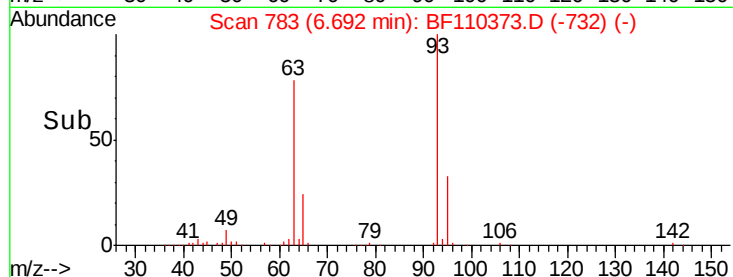
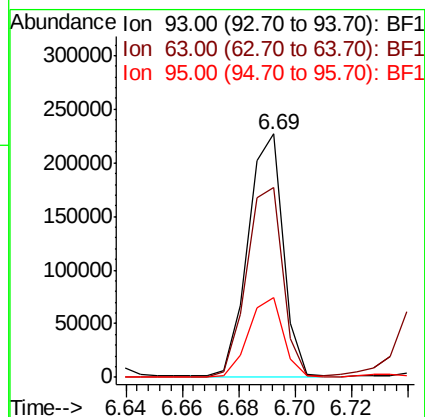
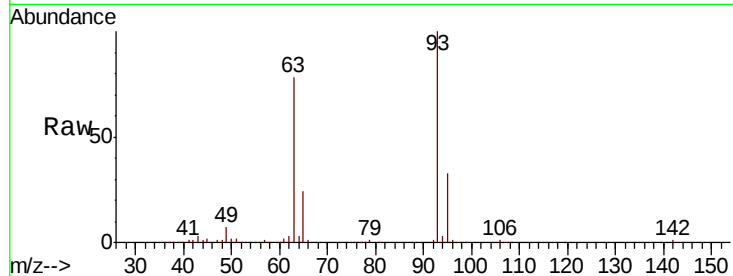


#11
 bis(2-Chloroethyl)ether
 Concen: 38.990 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 194873

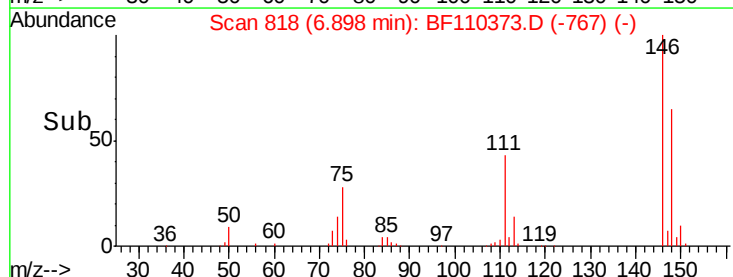
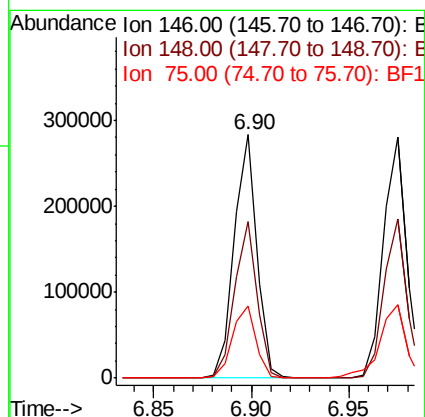
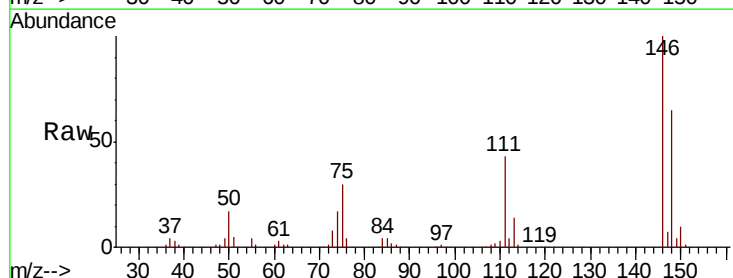
Ion	Ratio	Lower	Upper
93	100		
63	78.0	53.4	93.4
95	32.9	12.1	52.1

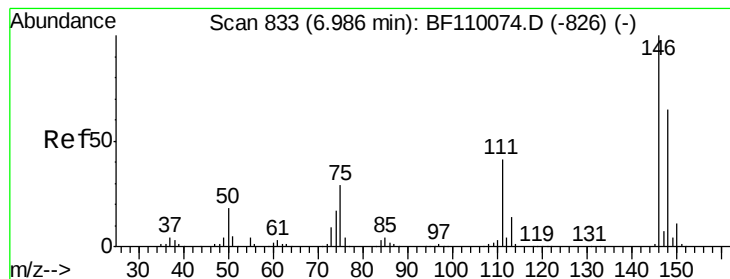


#12
 1,3-Dichlorobenzene
 Concen: 40.509 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion: 146 Resp: 228370

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.4	75.6
75	29.6	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 40.550 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampleId :

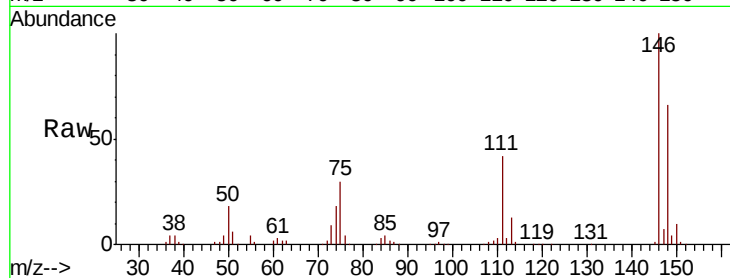
Tot Ion:146 Resp: 231202

Ion Ratio Lower Upper

146 100

148 65.9 50.3 75.5

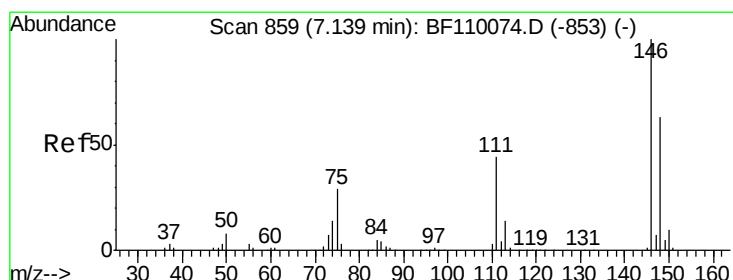
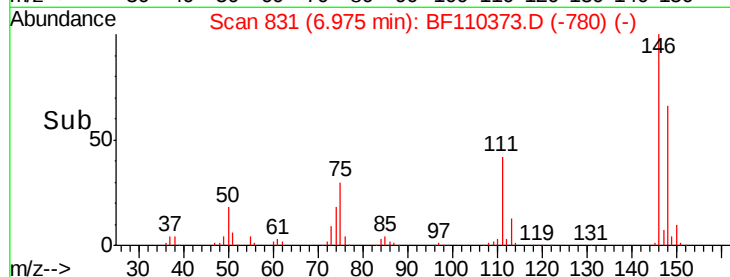
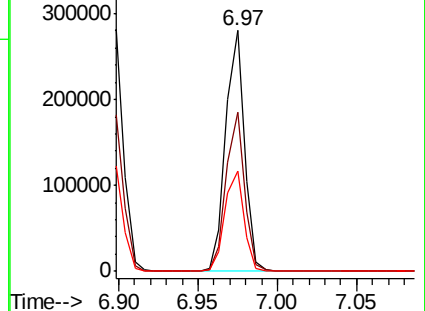
111 41.7 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.231 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

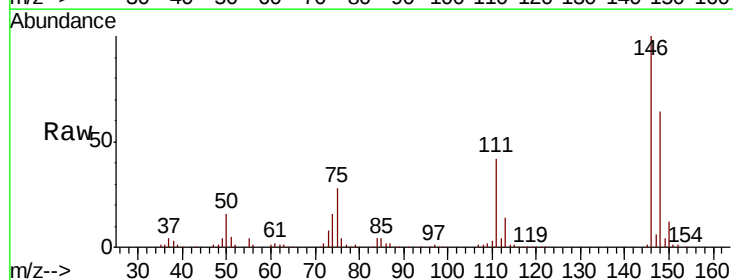
Tgt Ion:146 Resp: 218231

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

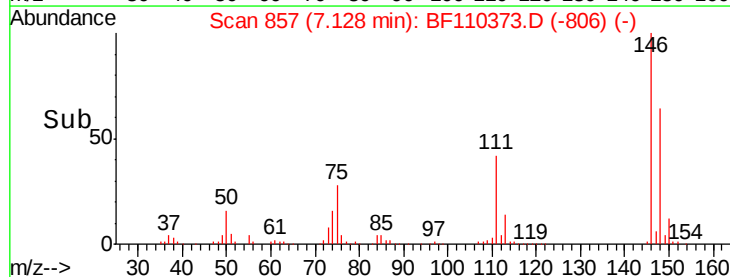
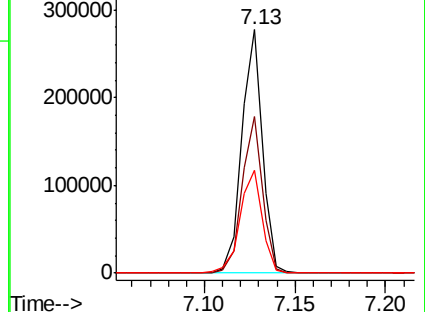
111 42.2 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.618 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampled :

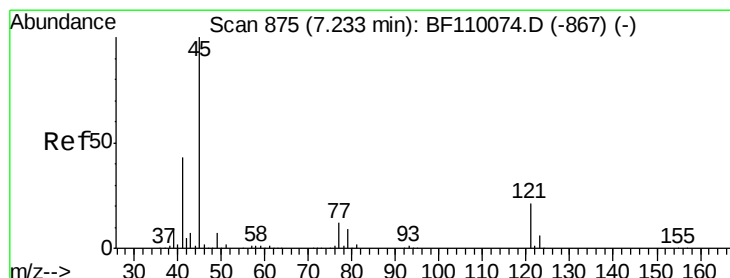
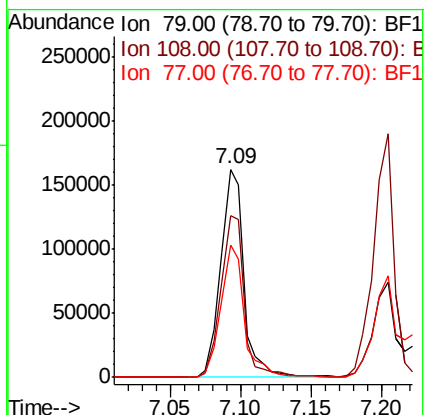
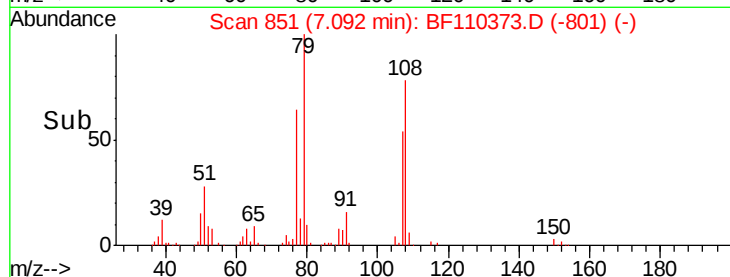
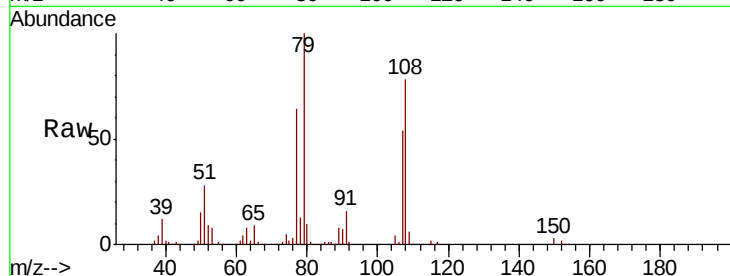
Tot Ion: 79 Resp: 186291

Ion Ratio Lower Upper

79 100

108 78.1 56.3 84.5

77 63.8 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.356 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

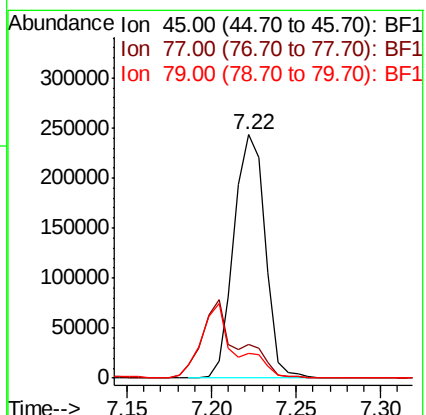
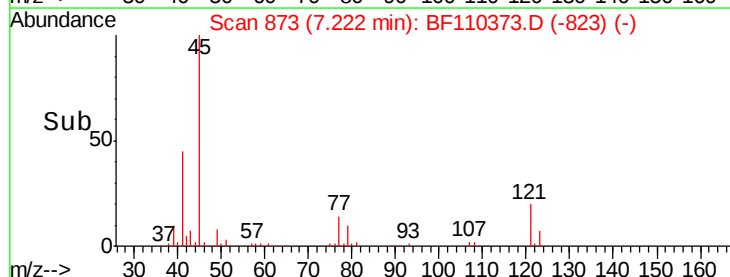
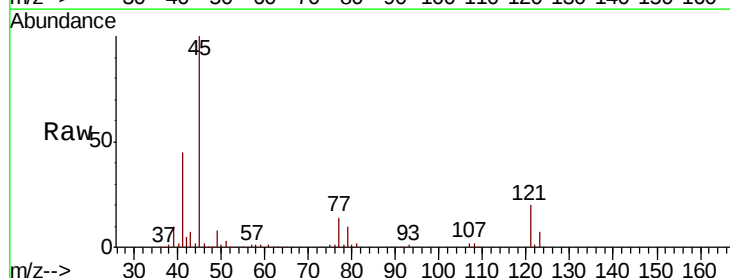
Tgt Ion: 45 Resp: 314505

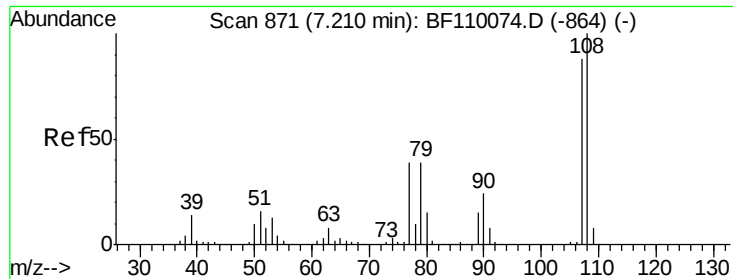
Ion Ratio Lower Upper

45 100

77 13.6 10.0 50.0

79 9.9 6.1 46.1

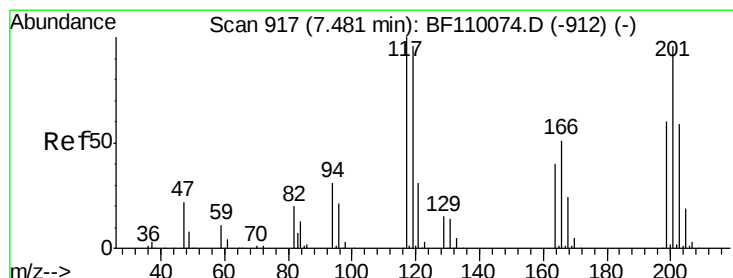
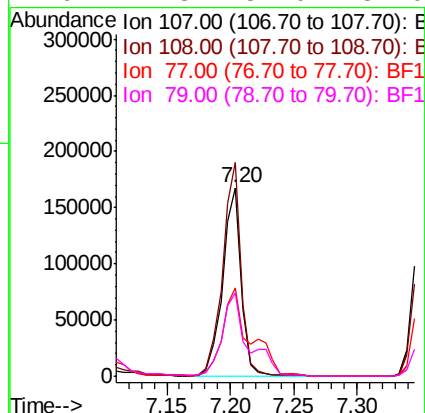
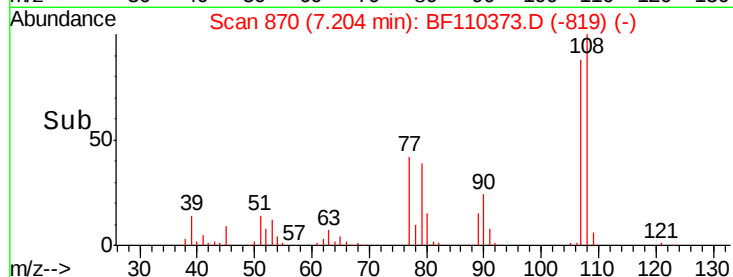
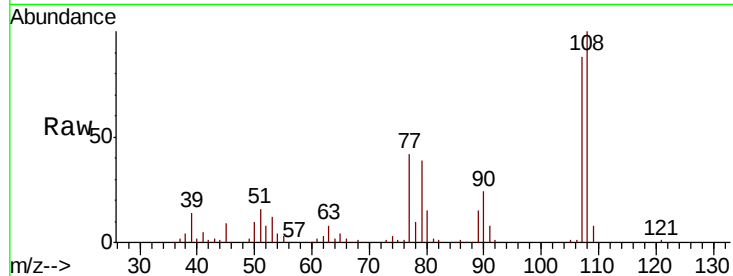




#17
2-Methylphenol
Concen: 41.984 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

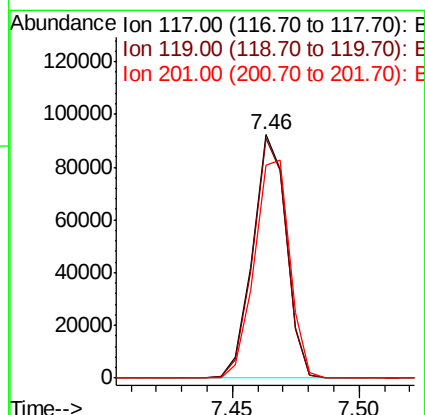
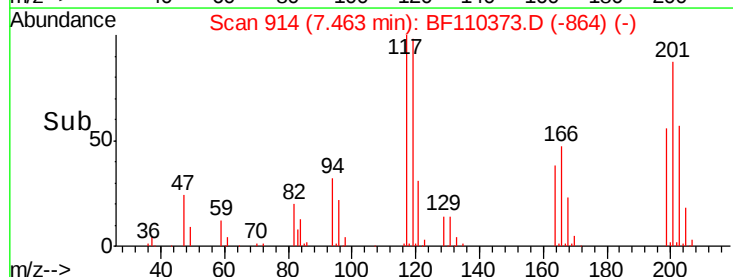
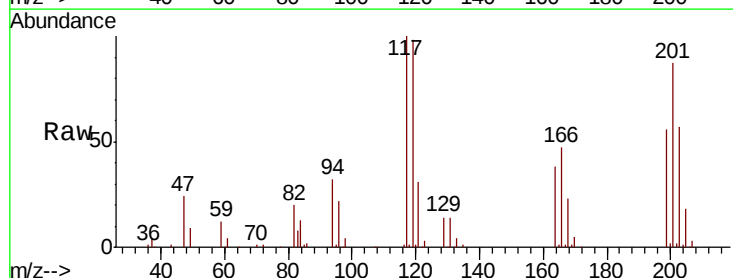
Instrument :
BNA_F
ClientSampled :

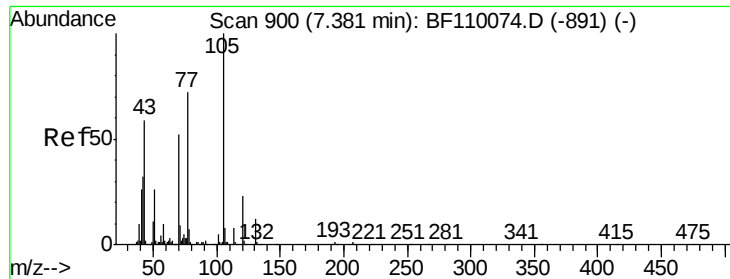
Tot Ion:107 Resp: 171405
Ion Ratio Lower Upper
107 100
108 113.3 92.6 138.8
77 47.1 59.4 89.2#
79 44.3 54.0 81.0#



#18
Hexachloroethane
Concen: 41.005 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:117 Resp: 85596
Ion Ratio Lower Upper
117 100
119 98.4 75.0 112.6
201 87.3 79.2 118.8

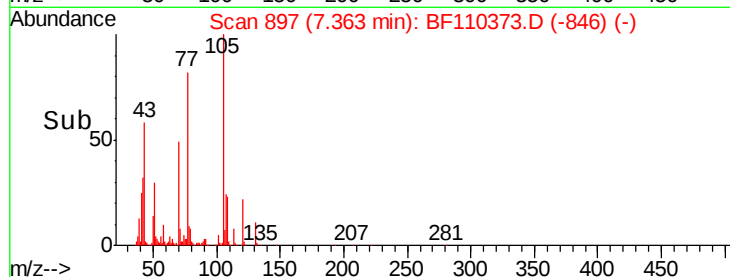
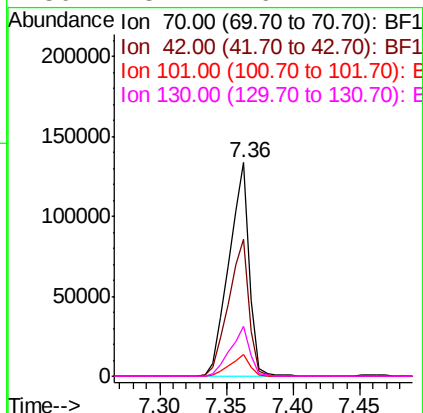
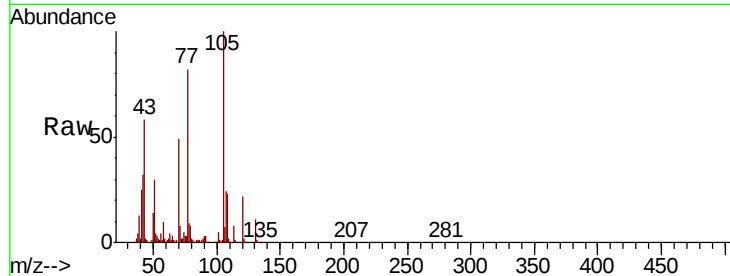




#19
n-Nitroso-di-n-propylamine
Concen: 39.561 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

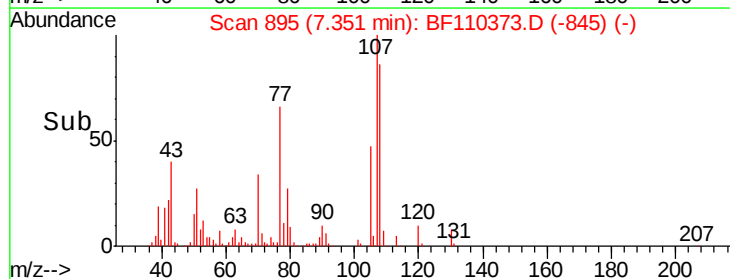
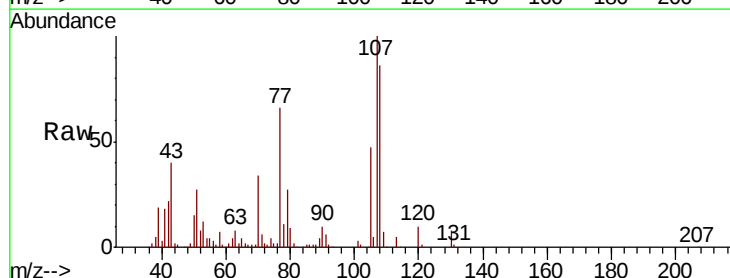
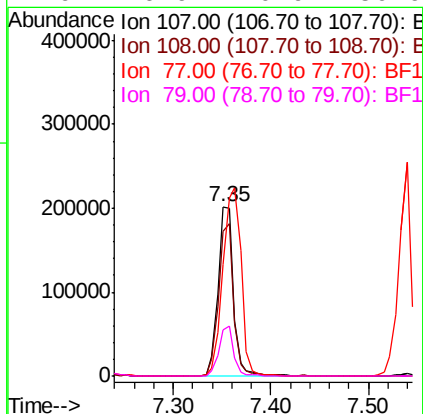
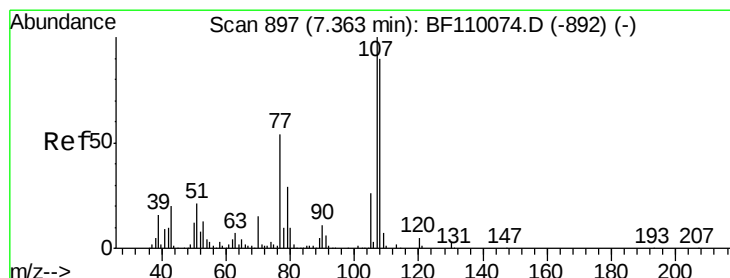
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	144244
Ion	Ratio	Lower	Upper
70	100		
42	64.2	47.4	71.2
101	10.2	7.3	10.9
130	23.4	16.2	24.2



#20
3+4-Methylphenols
Concen: 42.260 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:	107	Resp:	223015
Ion	Ratio	Lower	Upper
107	100		
108	85.5	71.4	111.4
77	65.6	47.3	87.3
79	26.9	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: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 299421

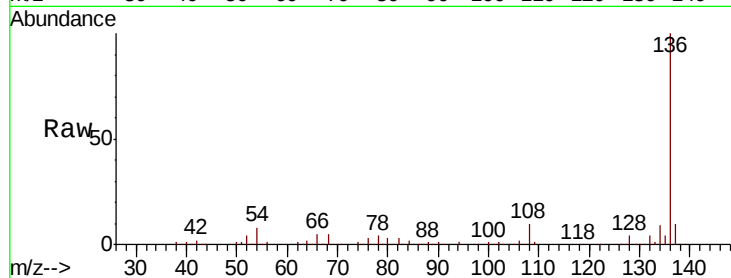
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 7.8 5.4 8.2

68 4.9 4.2 6.2

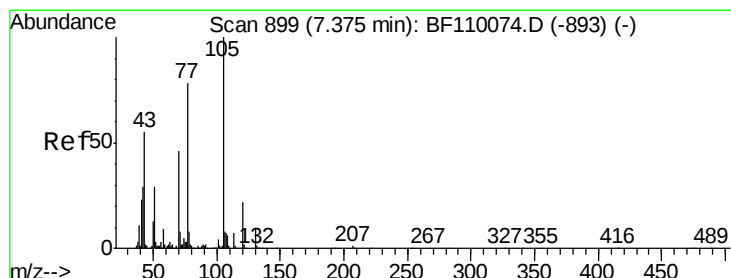
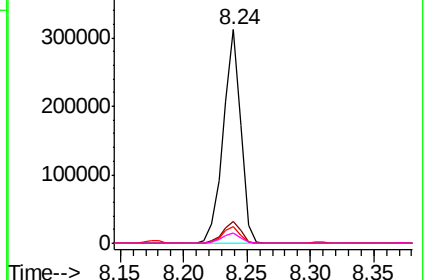
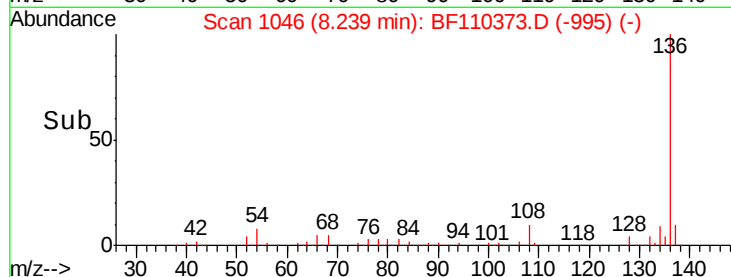


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.321 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion:105 Resp: 298885

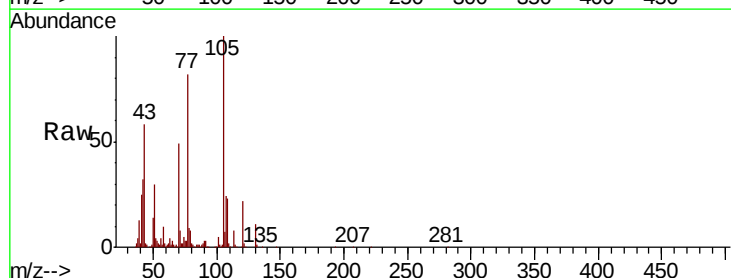
Ion Ratio Lower Upper

105 100

71 8.1 5.2 7.8#

51 30.4 21.8 32.8

120 22.2 17.0 25.4

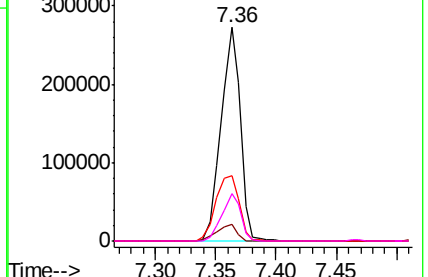
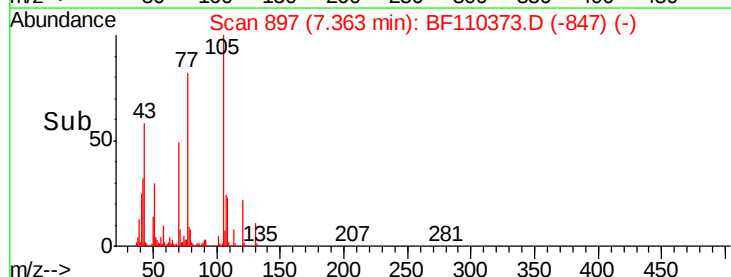


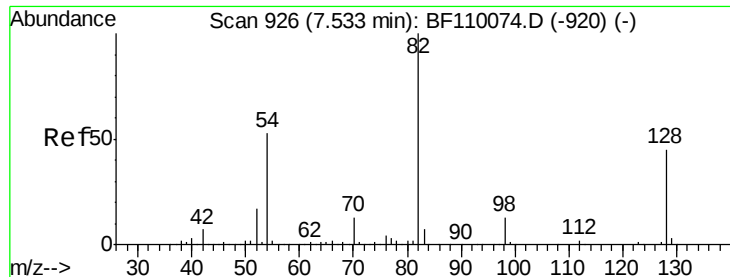
Abundance Ion 105.00 (104.70 to 105.70): E

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

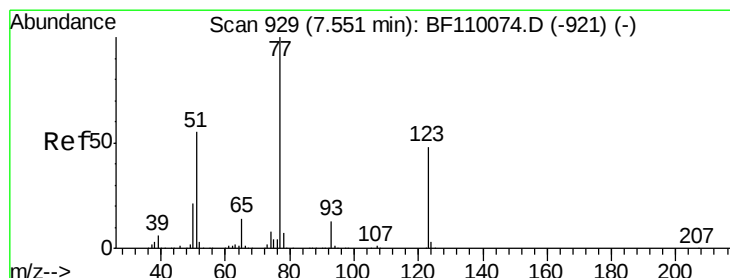
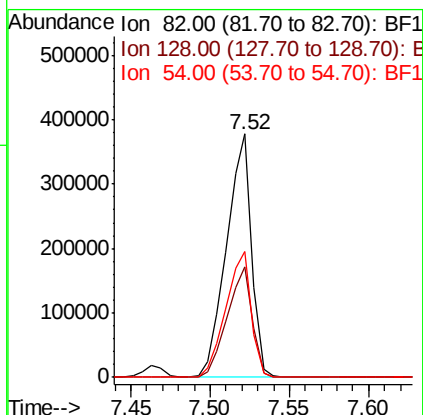
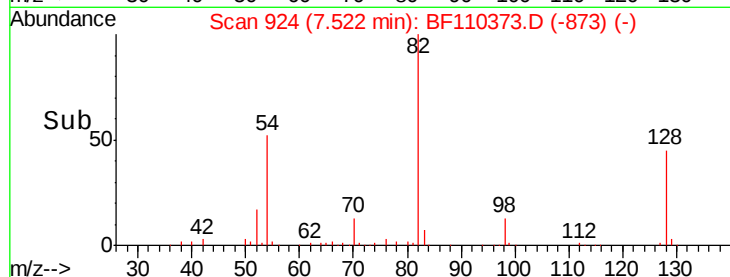
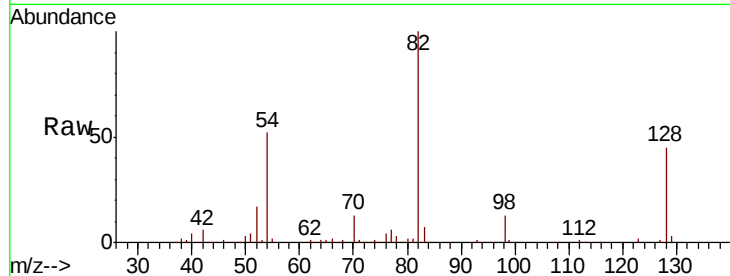




#23
Nitrobenzene-d5
Concen: 81.942 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

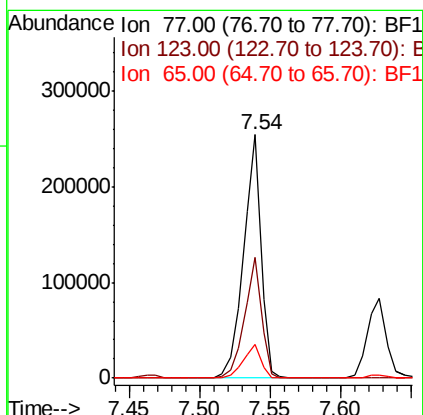
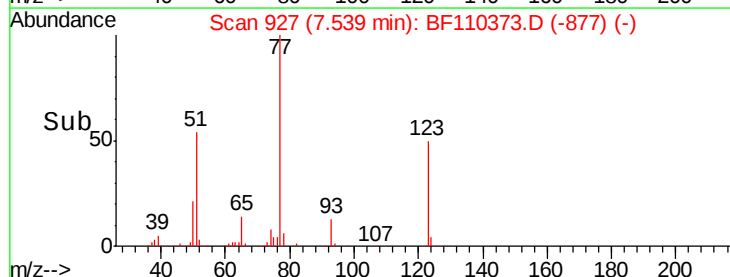
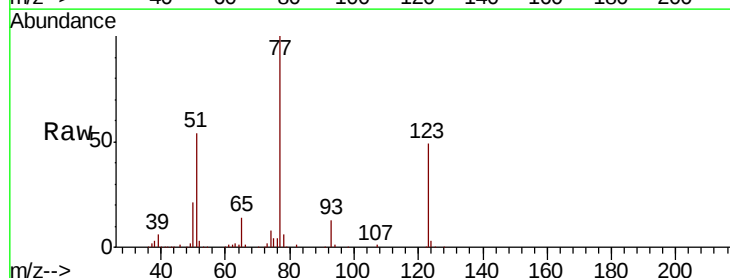
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 413653
Ion Ratio Lower Upper
82 100
128 45.3 34.2 51.2
54 51.9 38.6 58.0



#24
Nitrobenzene
Concen: 42.350 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion: 77 Resp: 220722
Ion Ratio Lower Upper
77 100
123 49.5 35.7 53.5
65 13.6 10.7 16.1

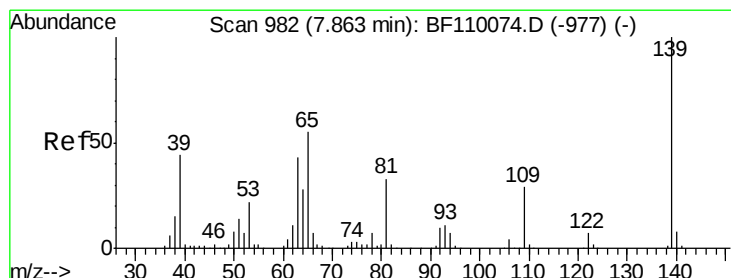
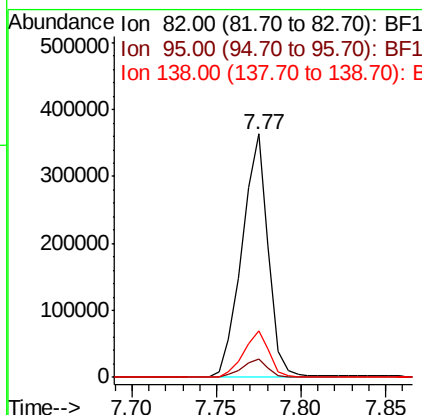
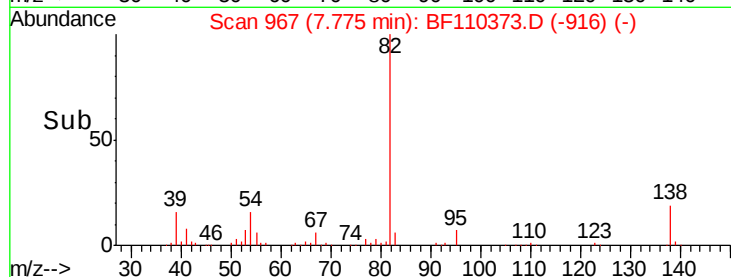
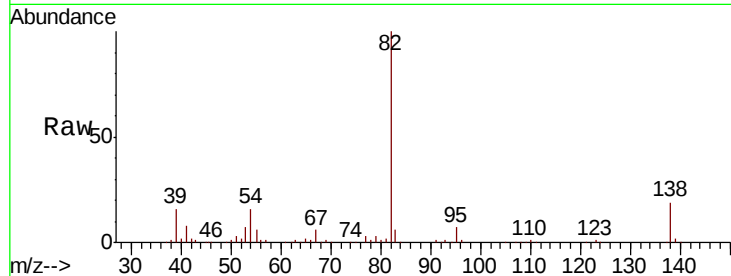




#25
Isophorone
Concen: 45.914 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

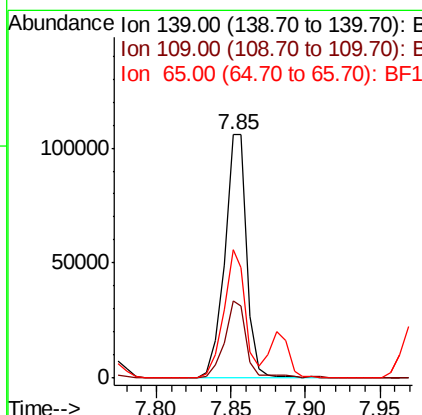
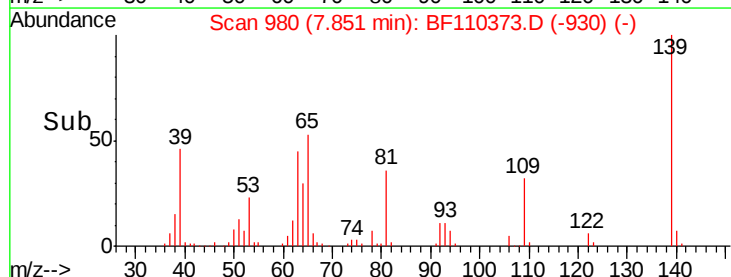
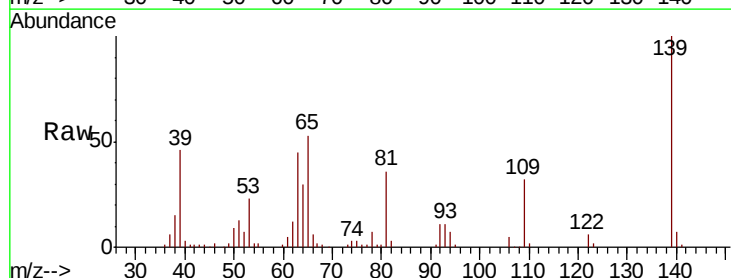
Instrument :
BNA_F
ClientSampleId :

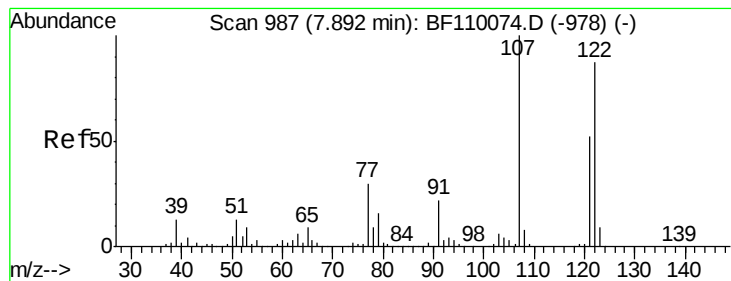
Tot Ion: 82 Resp: 395096
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.1 13.2 19.8



#26
2-Nitrophenol
Concen: 44.861 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:139 Resp: 111262
Ion Ratio Lower Upper
139 100
109 31.6 25.0 37.6
65 52.9 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 47.549 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampled :

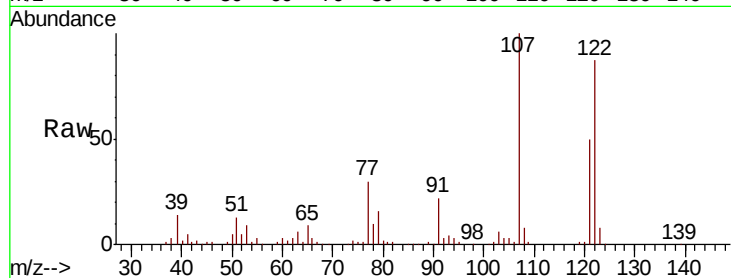
Tot Ion:122 Resp: 195517

Ion Ratio Lower Upper

122 100

107 115.2 92.5 138.7

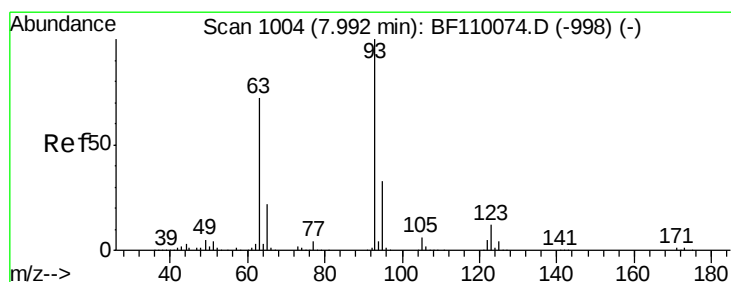
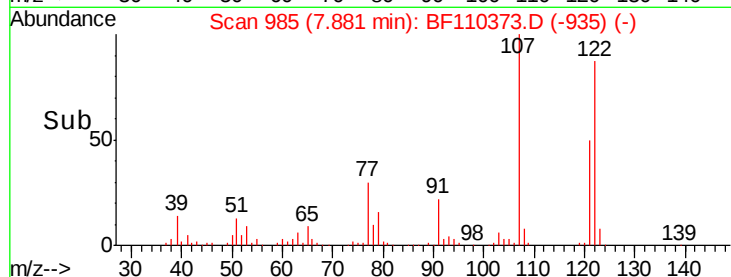
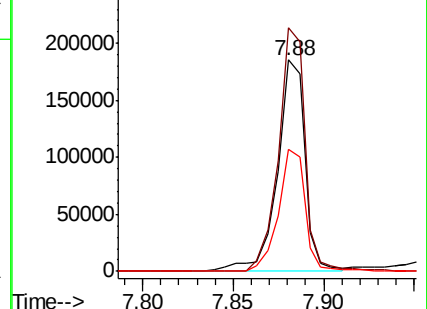
121 57.7 45.8 68.8



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: 42.757 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

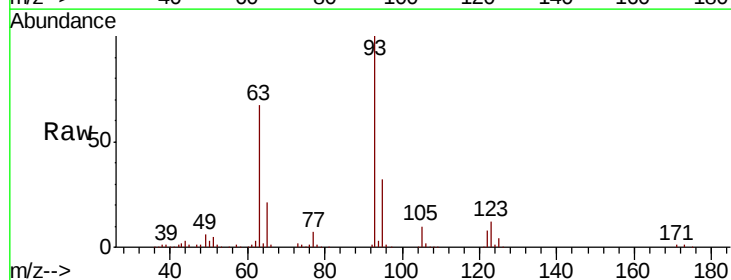
Tgt Ion: 93 Resp: 249947

Ion Ratio Lower Upper

93 100

95 32.0 26.4 39.6

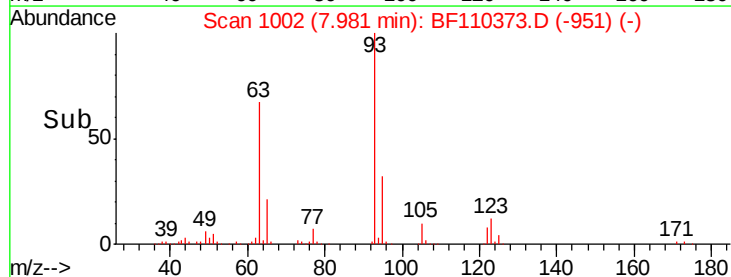
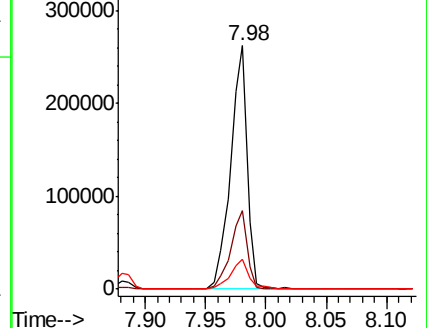
123 12.4 9.0 13.6

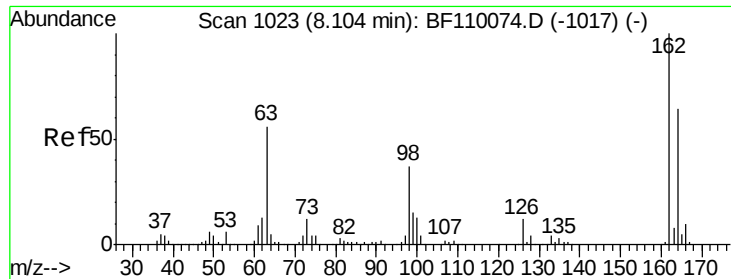


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

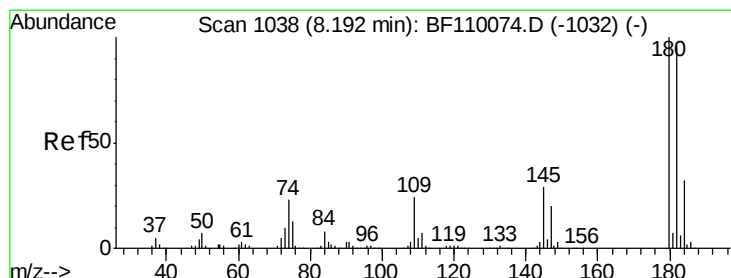
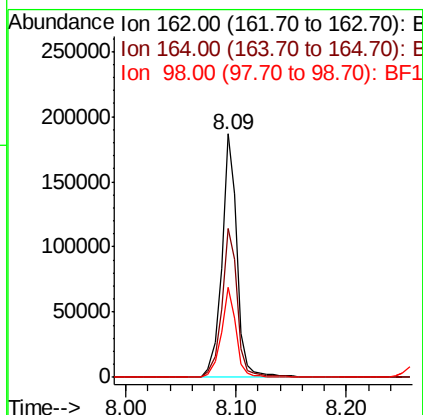
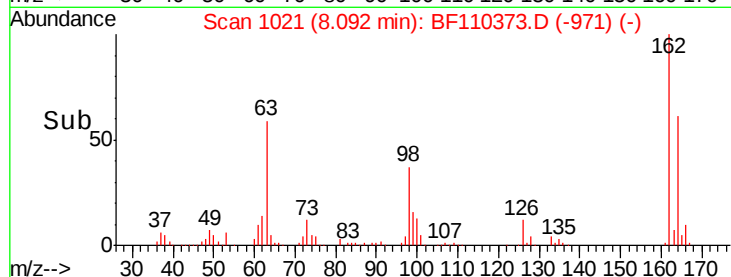
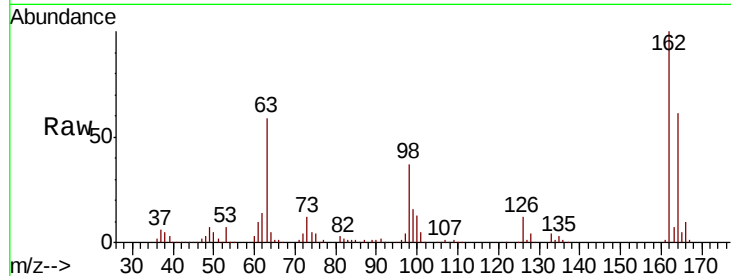




#29
 2,4-Dichlorophenol
 Concen: 42.997 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

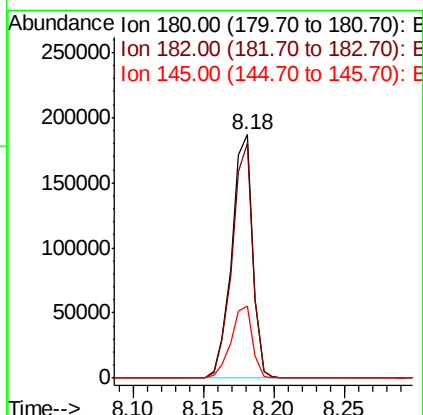
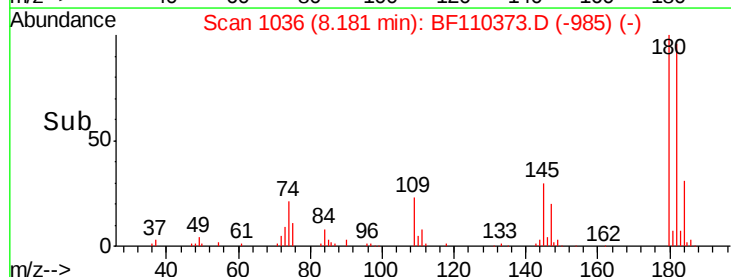
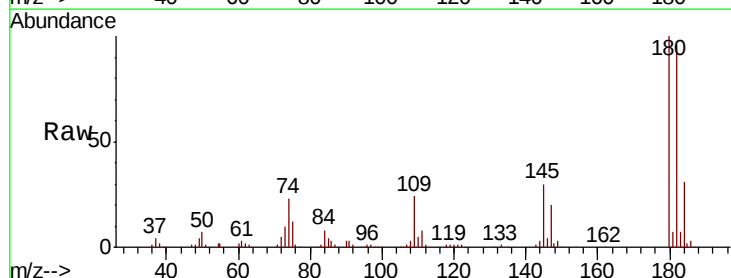
Instrument :
 BNA_F
 ClientSampleId :

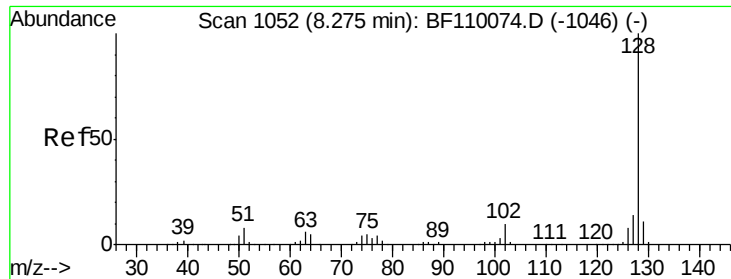
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	44.6	84.6
98	37.0	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 41.418 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	80.3	120.5
145	29.8	25.4	38.0

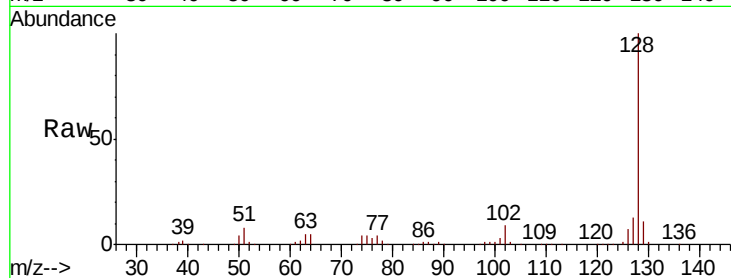




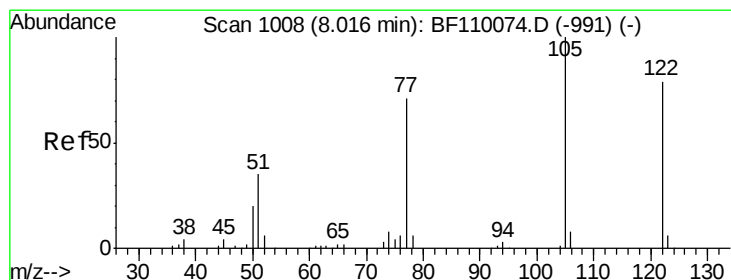
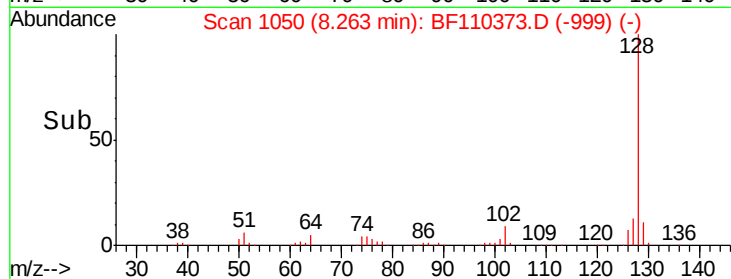
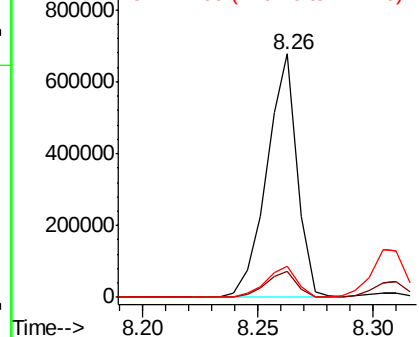
#31
Naphthalene
Concen: 44.828 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 618619
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.9 10.8 16.2

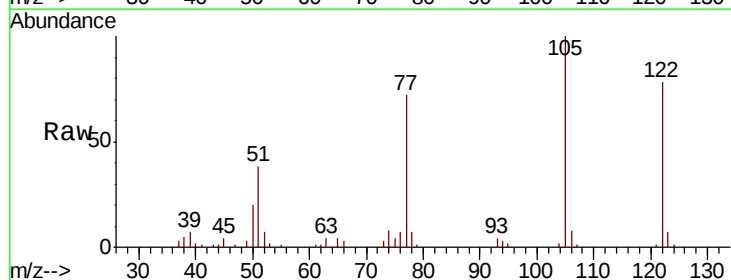


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

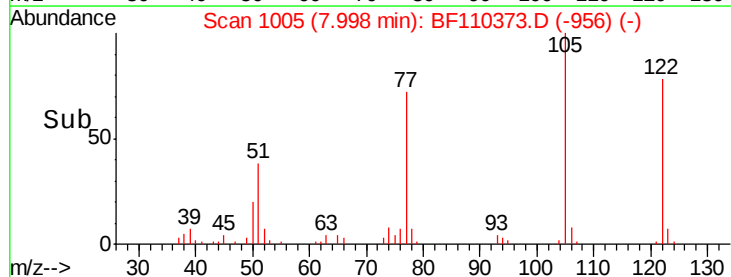
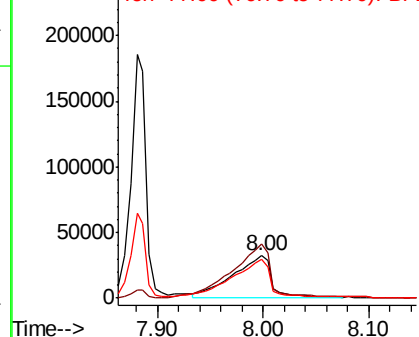


#32
Benzoic acid
Concen: 25.392 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:122 Resp: 80697
Ion Ratio Lower Upper
122 100
105 127.4 109.0 149.0
77 92.2 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

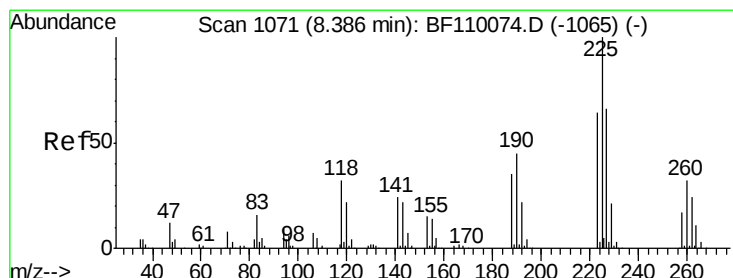
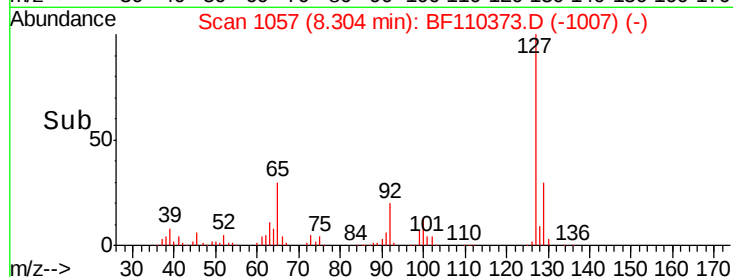
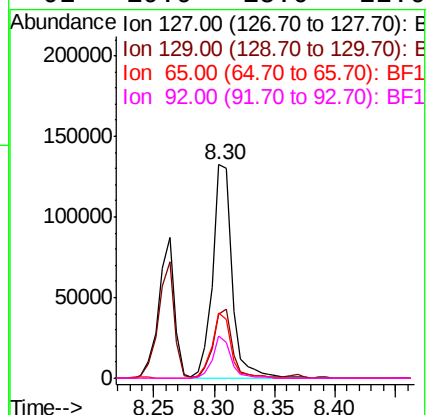
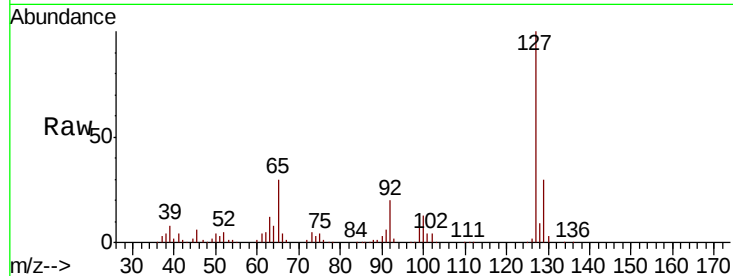




#33
 4-Chloroaniline
 Concen: 23.798 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

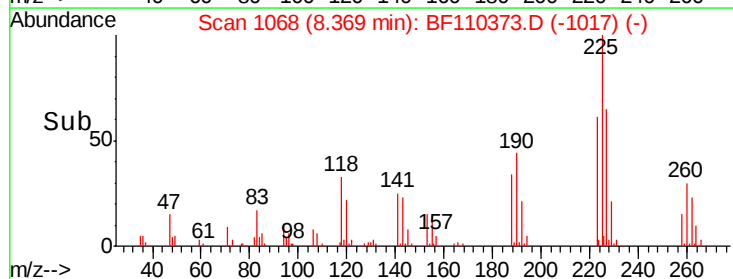
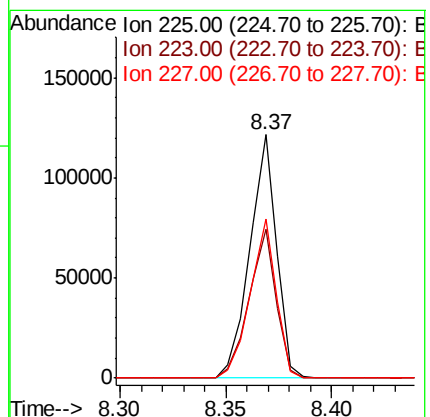
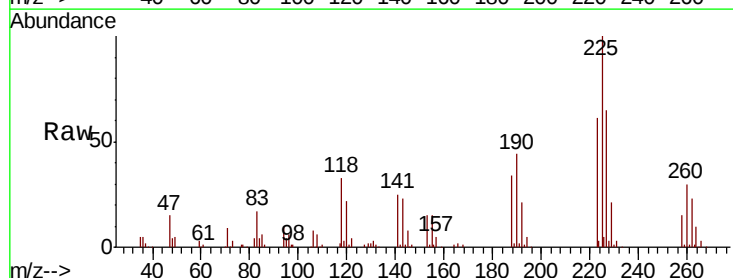
Instrument :
 BNA_F
 ClientSampleId :

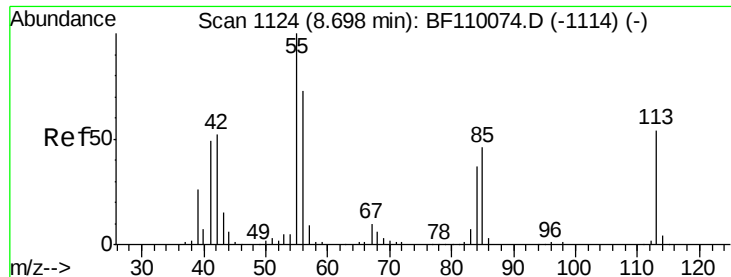
Tot Ion:	127	Resp:	147807
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.0	39.0
65	30.5	25.1	37.7
92	19.9	15.0	22.6



#34
 Hexachlorobutadiene
 Concen: 41.467 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion:	225	Resp:	107137
Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.4	77.2
227	65.1	51.0	76.6

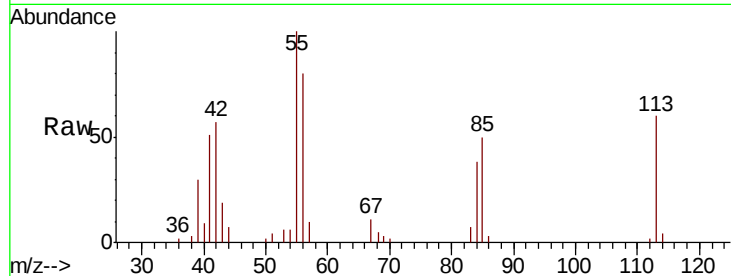




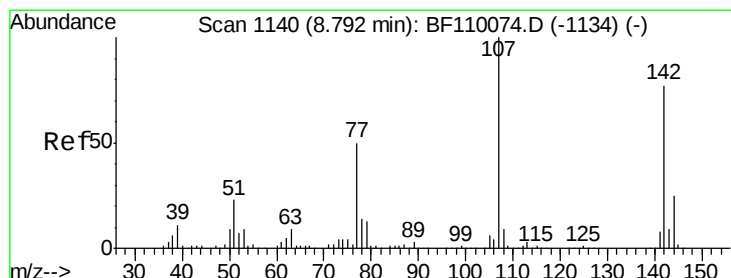
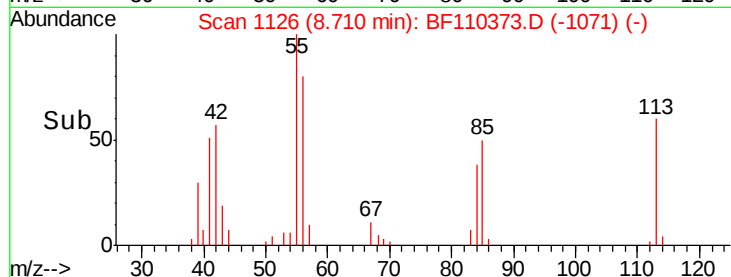
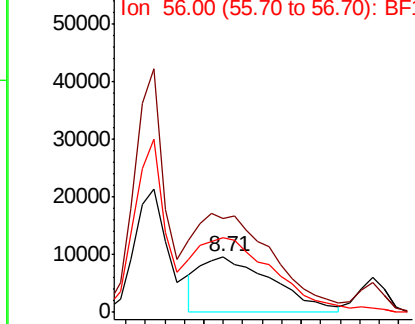
#35
Caprolactam
Concen: 17.212 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.02 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 24922
Ion Ratio Lower Upper
113 100
55 166.3 142.8 182.8
56 132.6 105.0 145.0

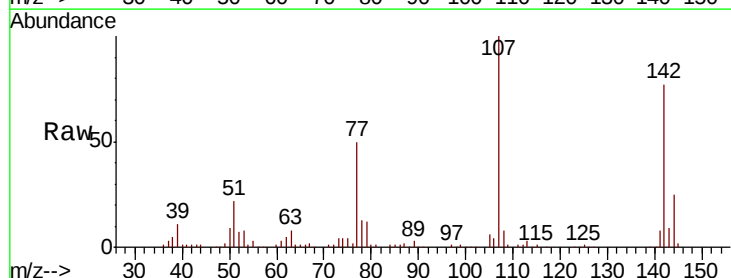


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

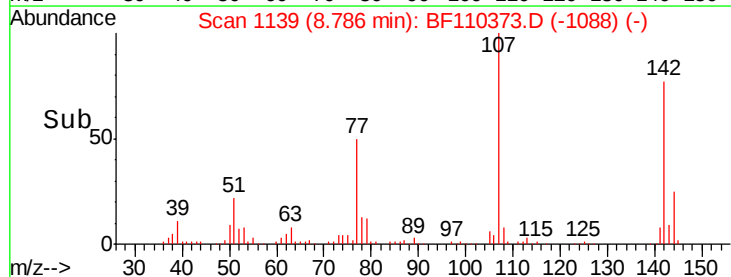
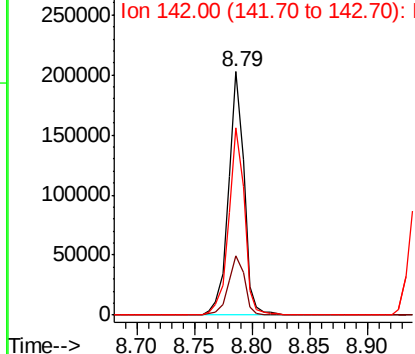


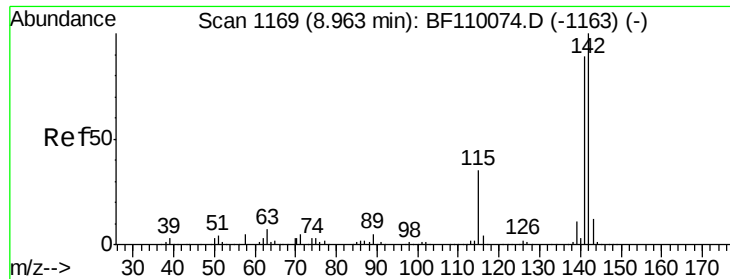
#36
4-Chloro-3-methylphenol
Concen: 42.097 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:107 Resp: 189108
Ion Ratio Lower Upper
107 100
144 24.5 20.0 30.0
142 76.7 59.7 89.5



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

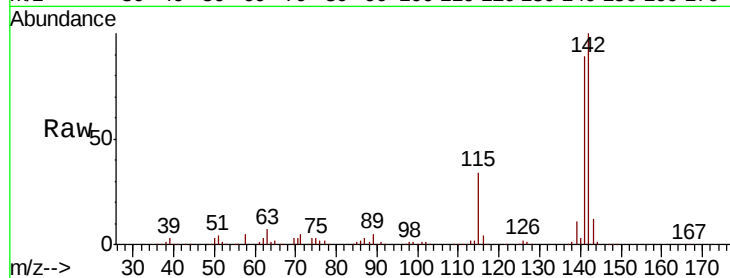




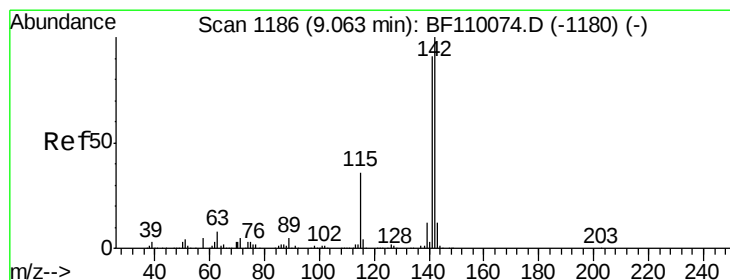
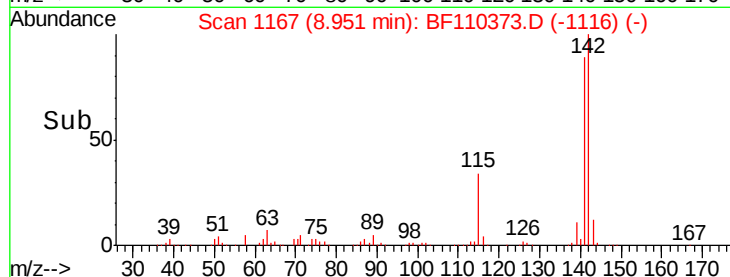
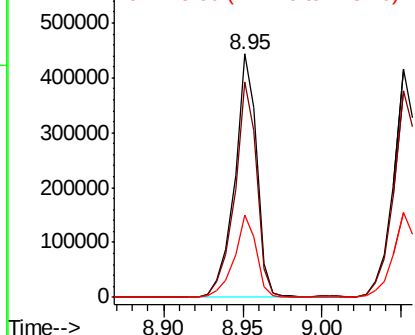
#37
2-Methylnaphthalene
Concen: 47.000 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 429130
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.2
115 34.0 28.7 43.1

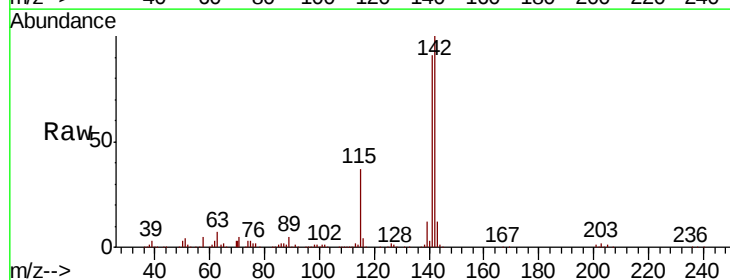


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

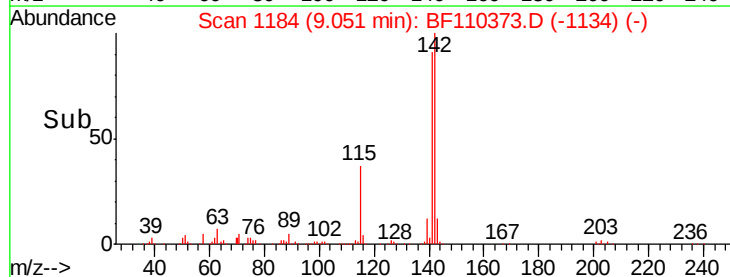
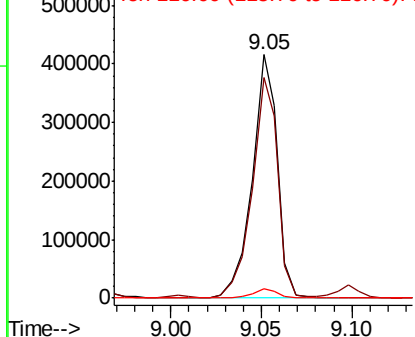


#38
1-Methylnaphthalene
Concen: 44.936 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:142 Resp: 396486
Ion Ratio Lower Upper
142 100
141 90.6 74.2 111.4
116 3.7 2.6 4.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampleId :

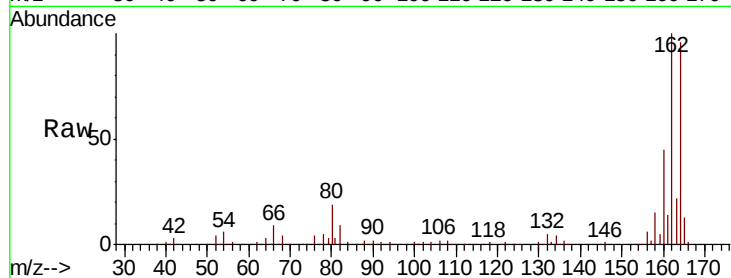
Tot Ion:164 Resp: 139354

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

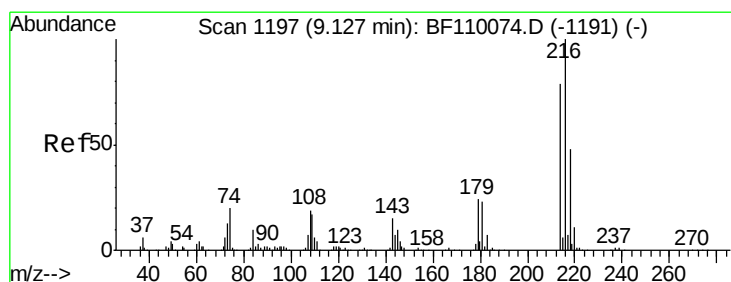
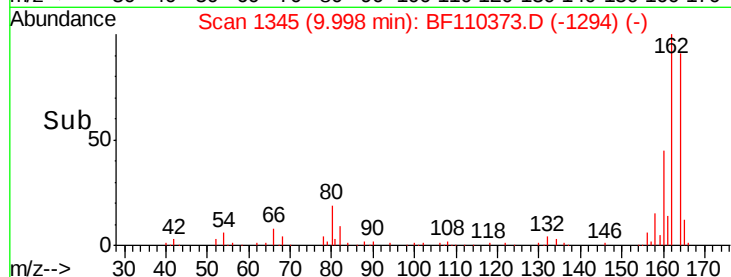
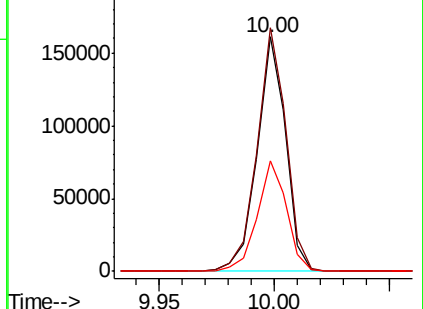
160 47.0 37.0 55.6



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: 41.497 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion:216 Resp: 180177

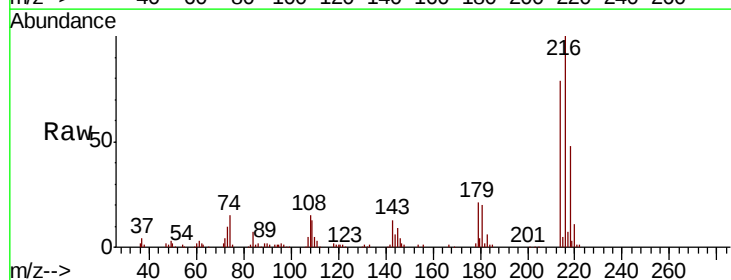
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 22.5 16.6 25.0

108 20.4 15.1 22.7

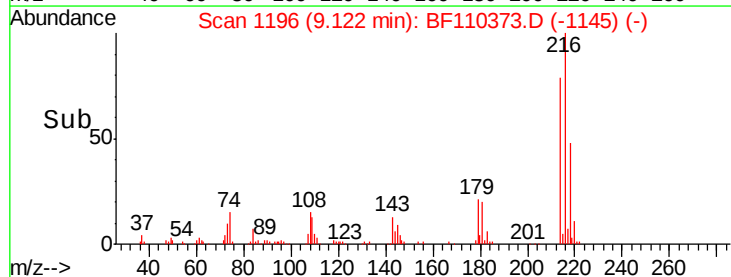
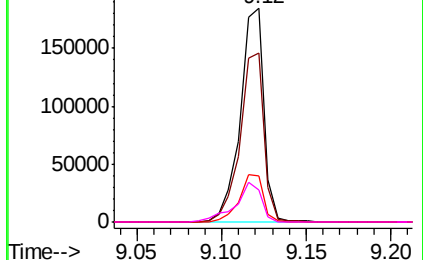


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.491 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampleId :

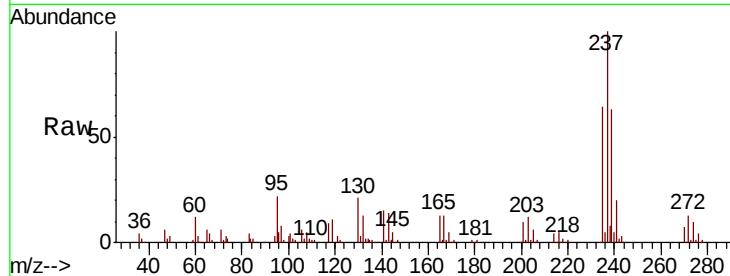
Tot Ion:237 Resp: 138744

Ion Ratio Lower Upper

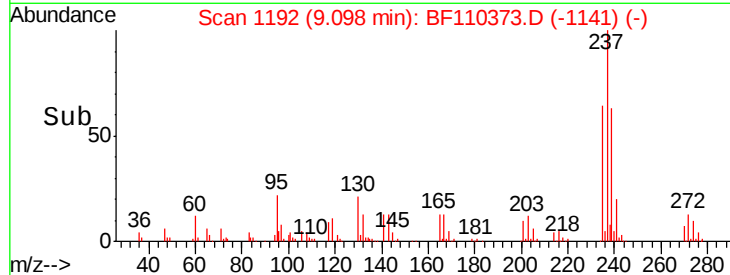
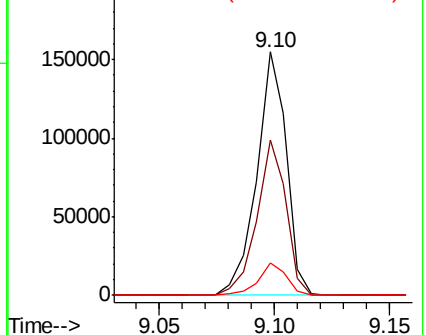
237 100

235 63.6 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: 145.396 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

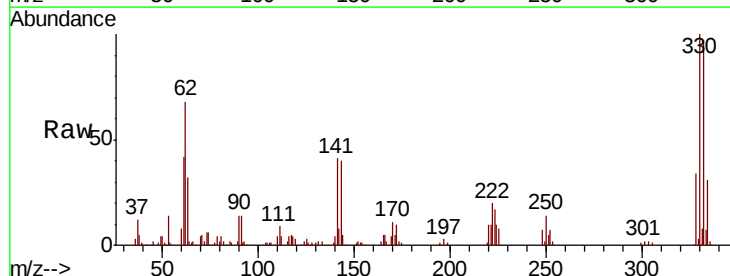
Tgt Ion:330 Resp: 200704

Ion Ratio Lower Upper

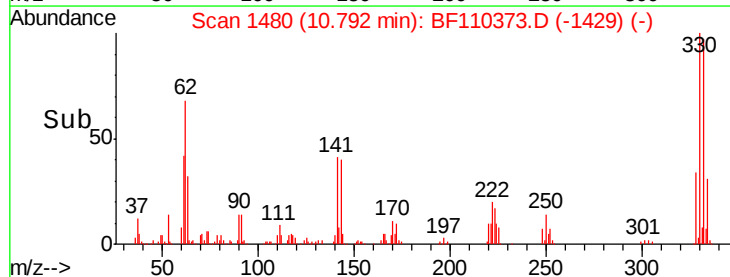
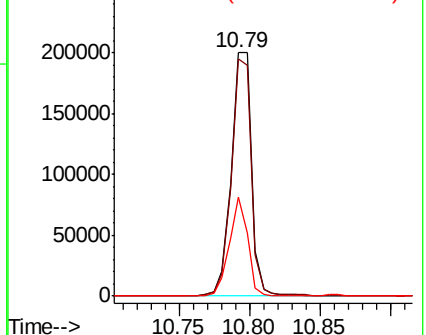
330 100

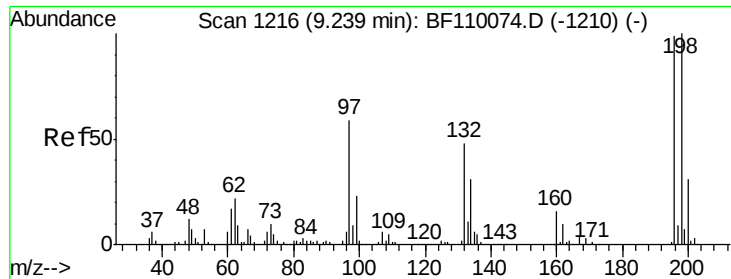
332 96.1 77.1 115.7

141 36.7 27.0 40.4



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

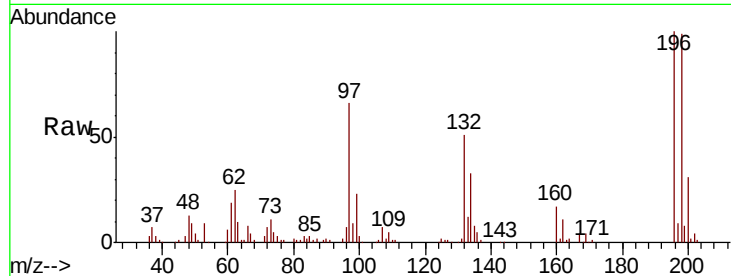




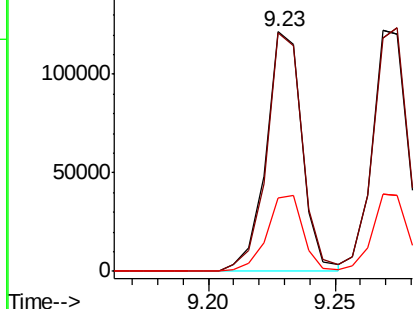
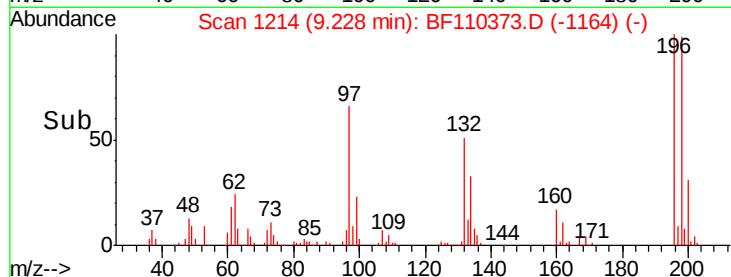
#43
 2,4,6-Trichlorophenol
 Concen: 42.695 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 119568
 Ion Ratio Lower Upper
 196 100
 198 99.5 76.2 114.4
 200 30.6 24.4 36.6

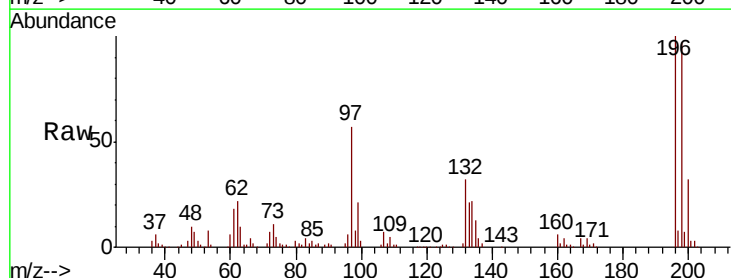


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

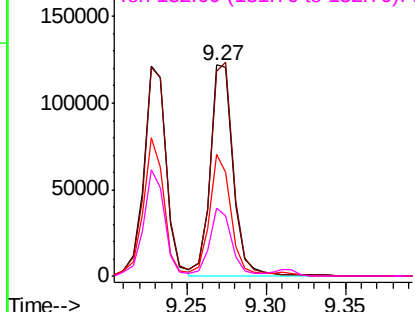
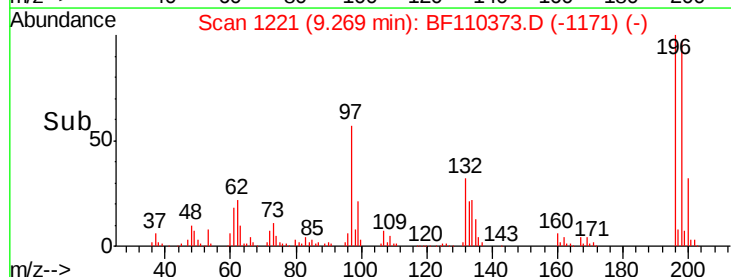


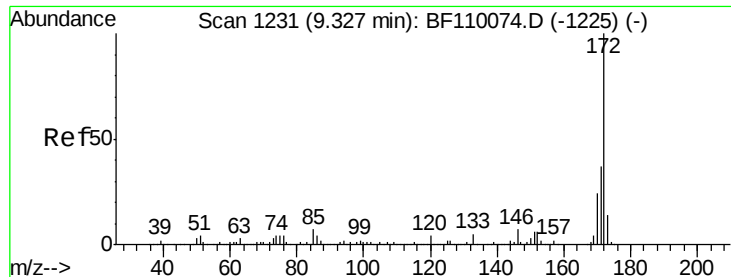
#44
 2,4,5-Trichlorophenol
 Concen: 41.820 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion:196 Resp: 123799
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.8 113.6
 97 57.5 42.4 63.6
 132 32.0 22.8 34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

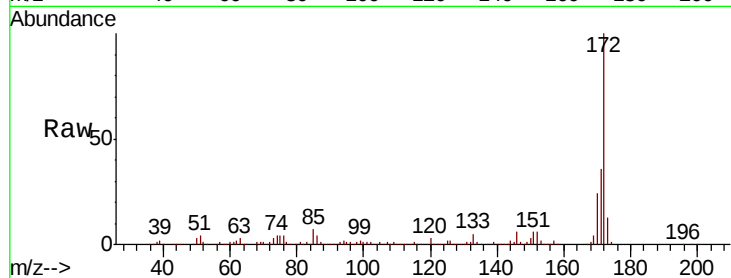




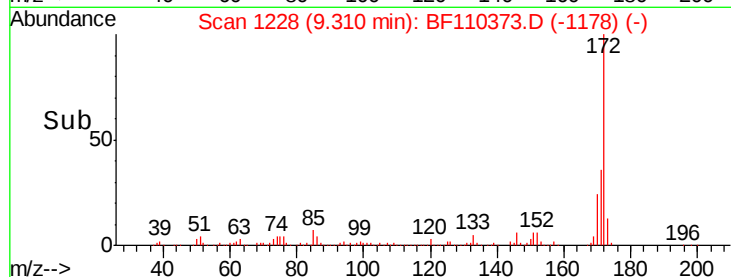
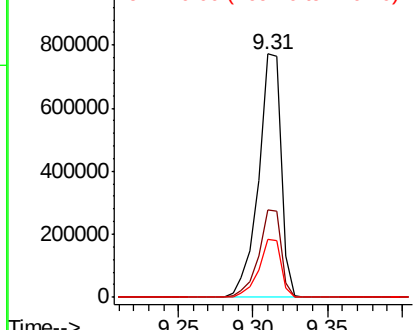
#45
 2-Fluorobiphenyl
 Concen: 90.357 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 801882
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.9 19.7 29.5

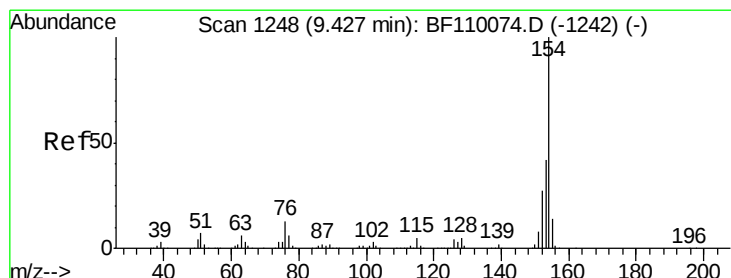


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

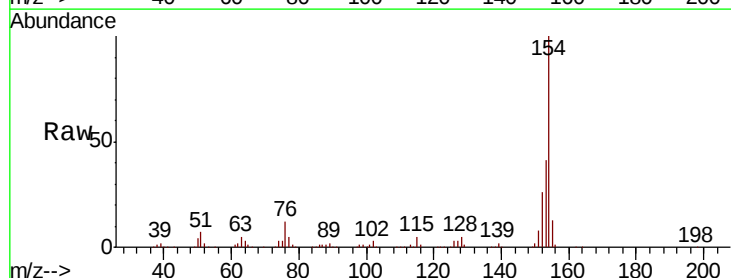
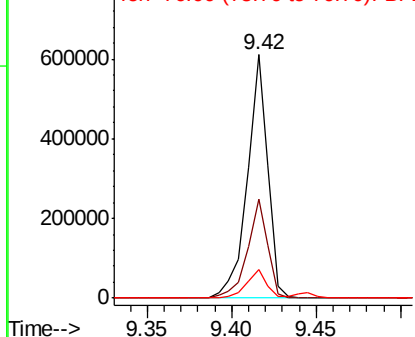


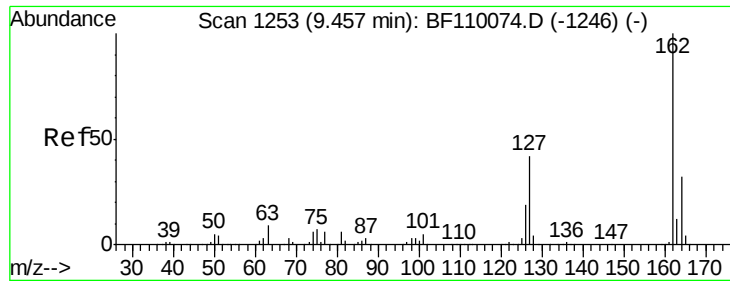
#46
 1,1'-Biphenyl
 Concen: 41.022 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion:154 Resp: 516946
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.4 60.4
 76 11.8 0.0 31.9



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

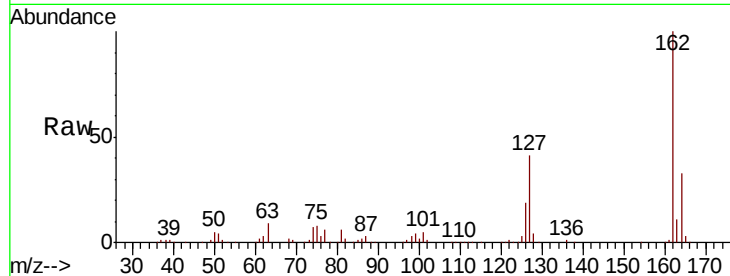




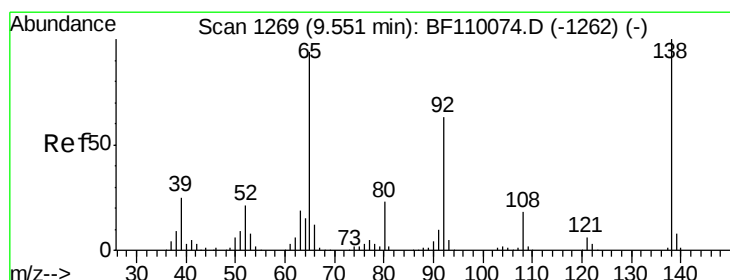
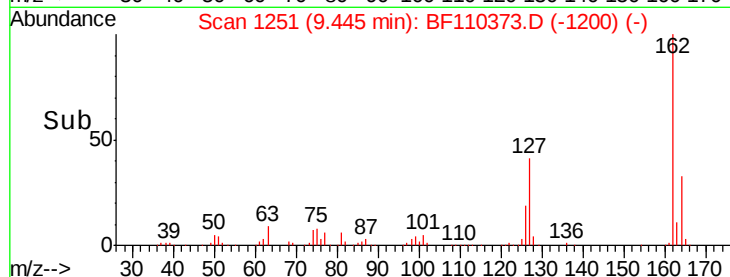
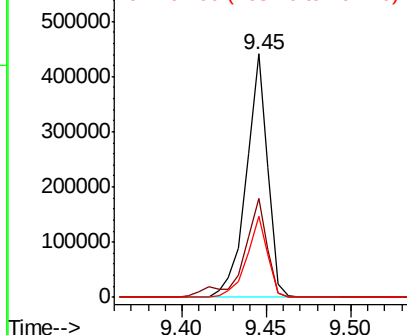
#47
 2-Chloronaphthalene
 Concen: 42.205 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 390135
 Ion Ratio Lower Upper
 162 100
 127 40.5 32.6 48.8
 164 33.0 25.9 38.9

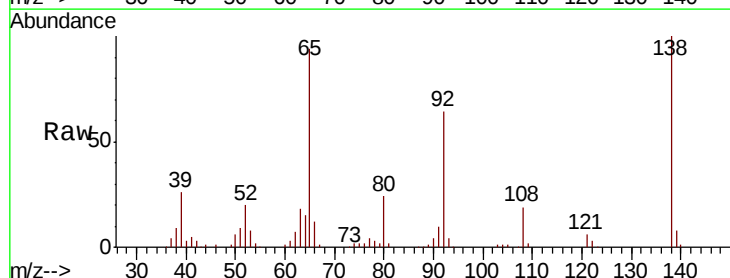


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

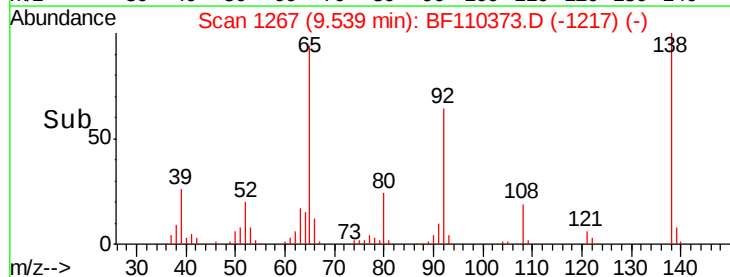
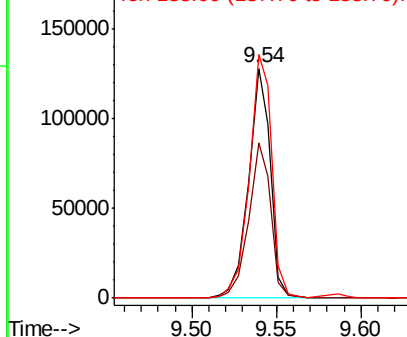


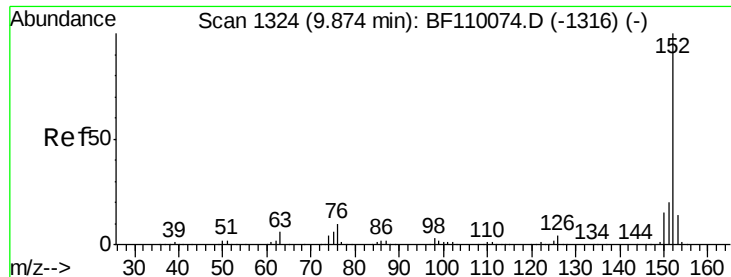
#48
 2-Nitroaniline
 Concen: 41.471 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion: 65 Resp: 116165
 Ion Ratio Lower Upper
 65 100
 92 67.6 54.6 81.8
 138 106.1 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: 45.028 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampleId :

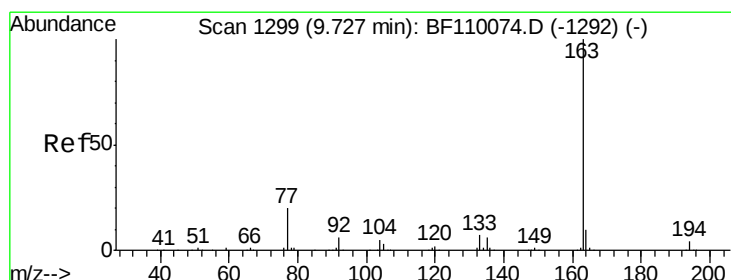
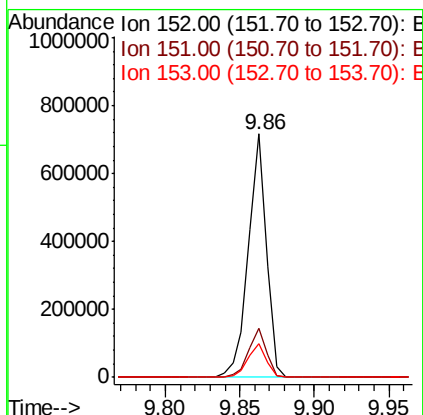
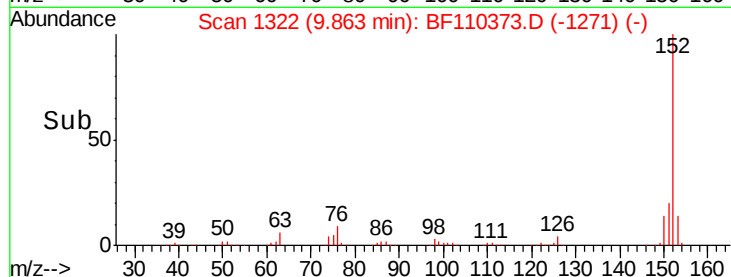
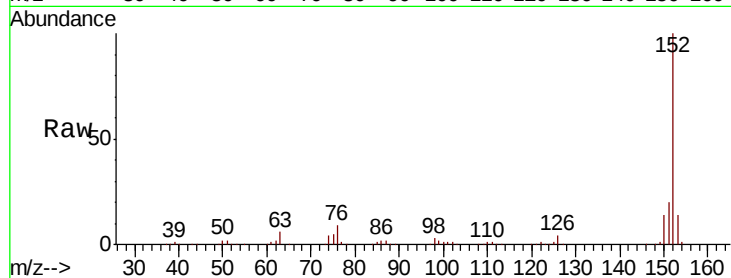
Tot Ion:152 Resp: 601182

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.7 10.4 15.6



#50

Dimethylphthalate

Concen: 43.348 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

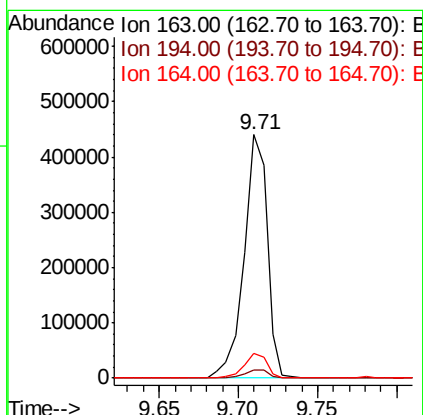
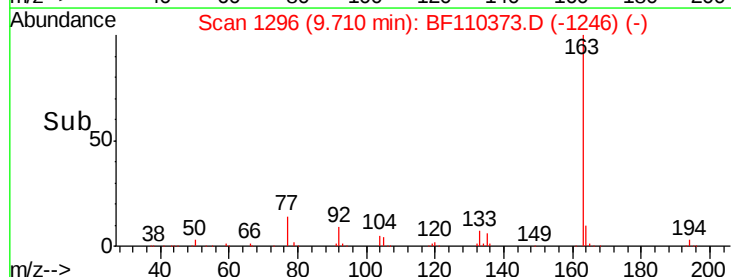
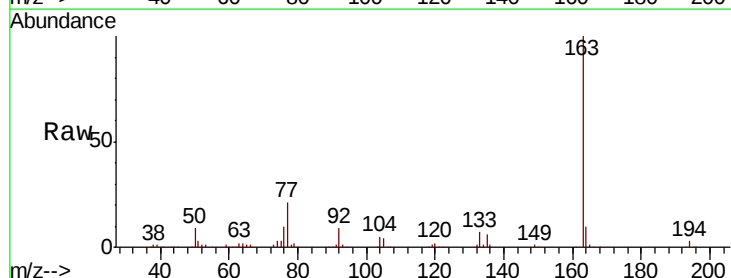
Tgt Ion:163 Resp: 445910

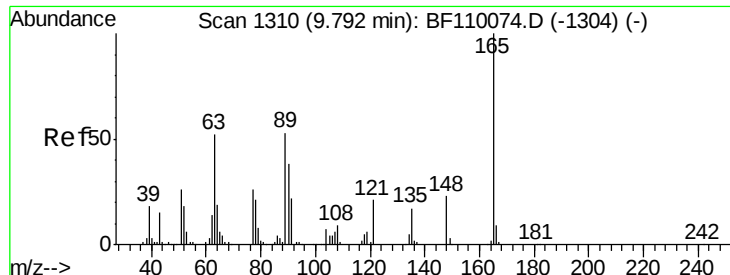
Ion Ratio Lower Upper

163 100

194 3.4 3.2 4.8

164 10.2 8.1 12.1

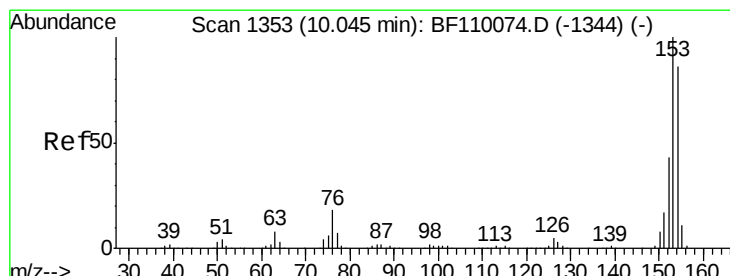
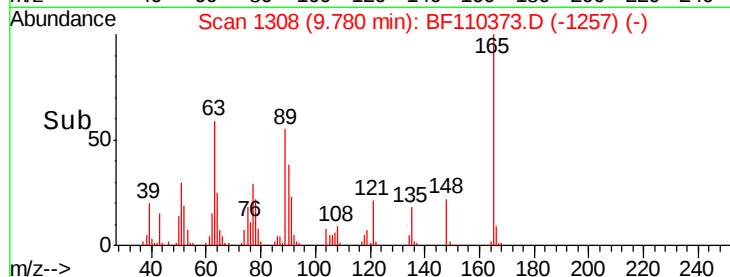
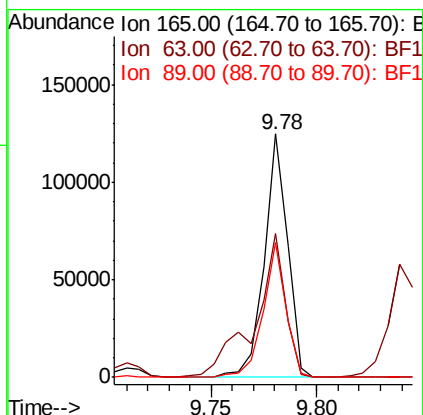
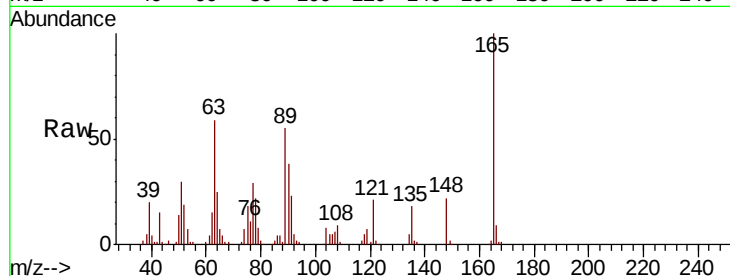




#51
2,6-Dinitrotoluene
Concen: 43.288 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

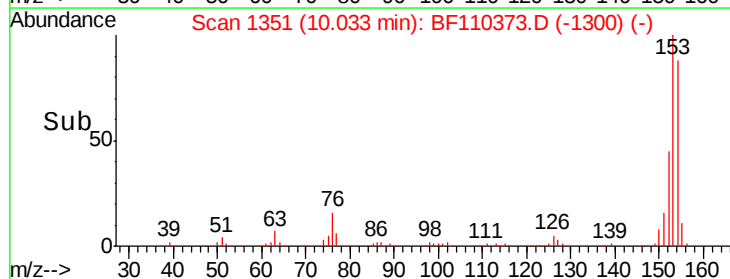
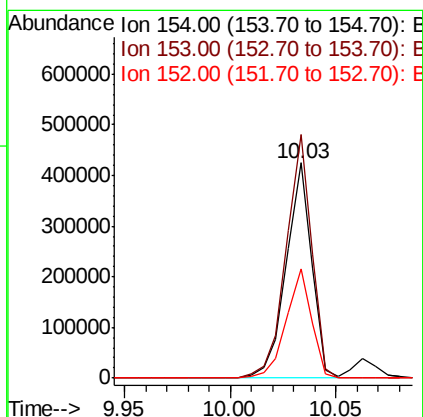
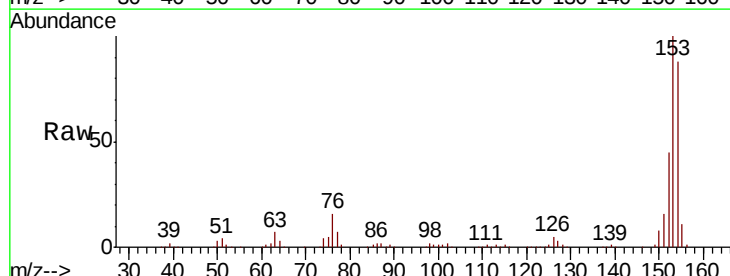
Instrument :
BNA_F
ClientSampleId :

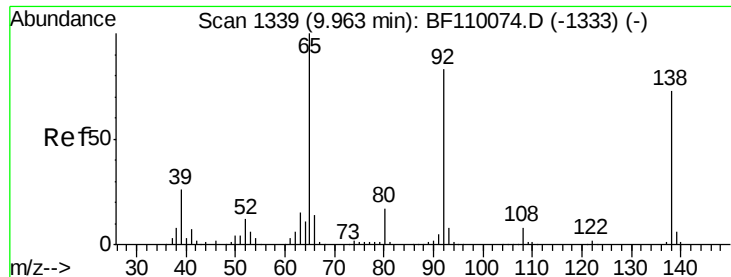
Tot Ion:165 Resp: 95919
Ion Ratio Lower Upper
165 100
63 58.8 48.9 73.3
89 55.3 46.6 69.8



#52
Acenaphthene
Concen: 40.893 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:154 Resp: 361189
Ion Ratio Lower Upper
154 100
153 113.1 90.1 135.1
152 50.9 43.4 65.2

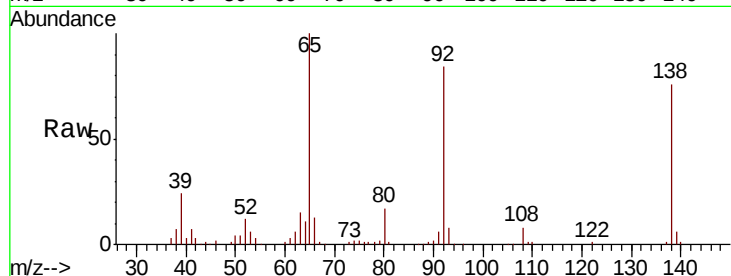




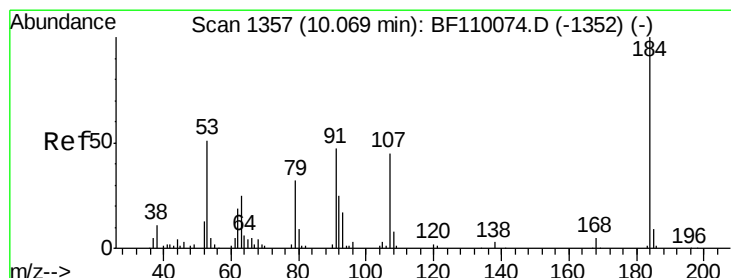
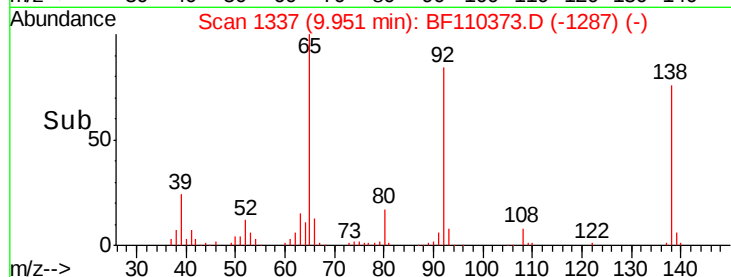
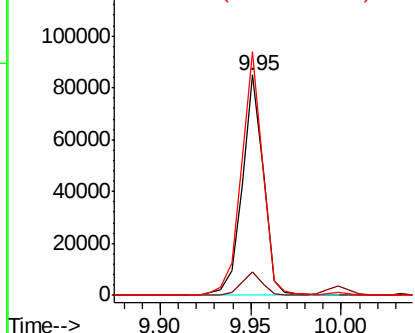
#53
3-Nitroaniline
Concen: 26.018 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 68557
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 110.5 97.0 145.4

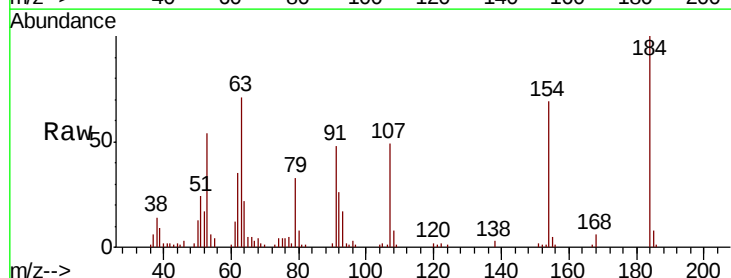


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

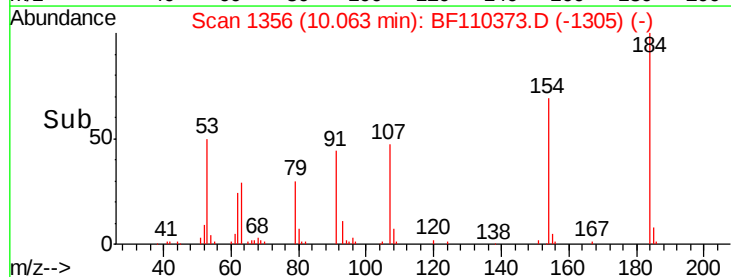
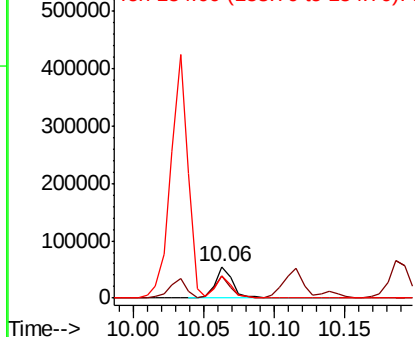


#54
2,4-Dinitrophenol
Concen: 56.646 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:184 Resp: 48395
Ion Ratio Lower Upper
184 100
63 71.0 55.8 83.6
154 68.7 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

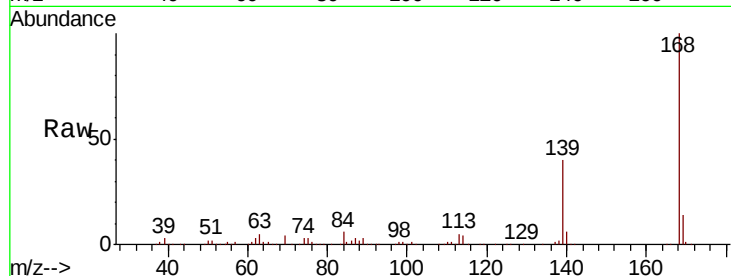




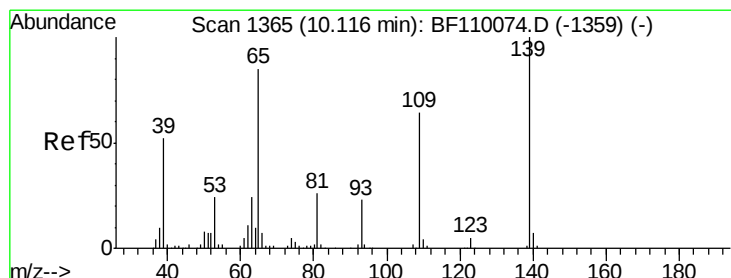
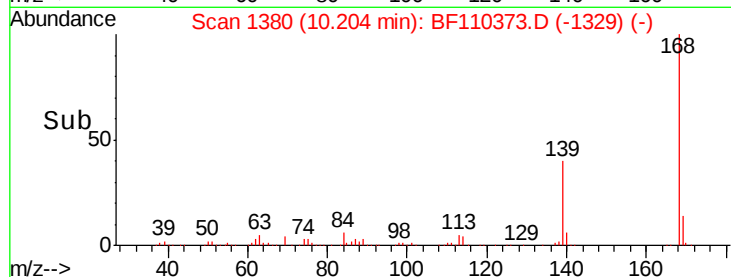
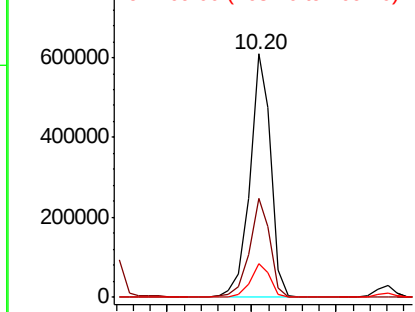
#55
Dibenzenofuran
Concen: 42.542 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 526087
Ion Ratio Lower Upper
168 100
139 40.4 33.0 49.6
169 13.9 11.3 16.9

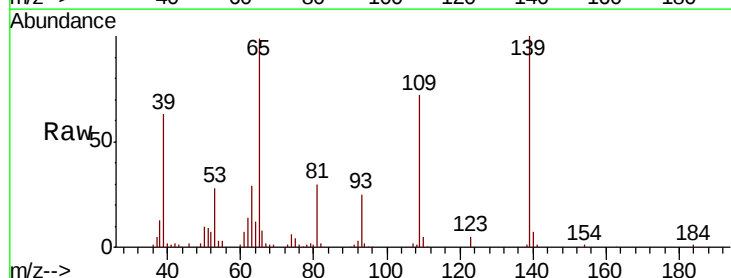


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

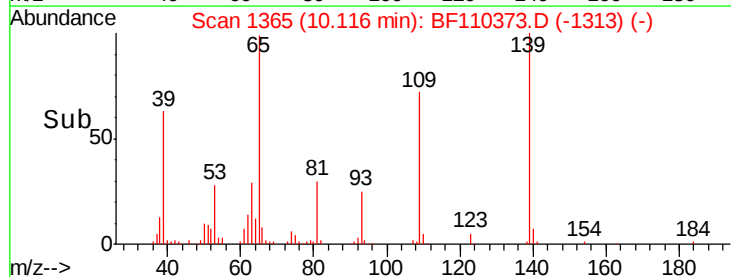
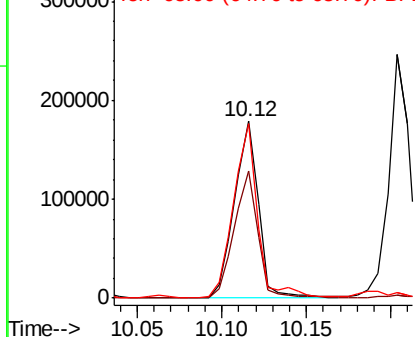


#56
4-Nitrophenol
Concen: 90.495 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:139 Resp: 176485
Ion Ratio Lower Upper
139 100
109 72.0 55.8 95.8
65 99.0 77.9 117.9



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

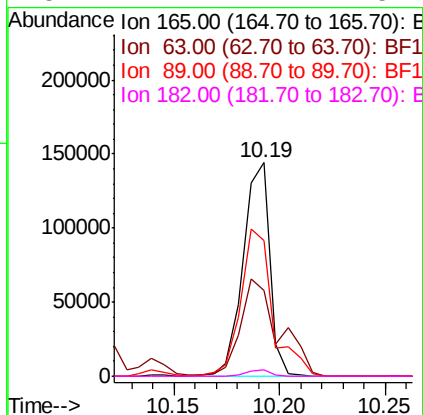
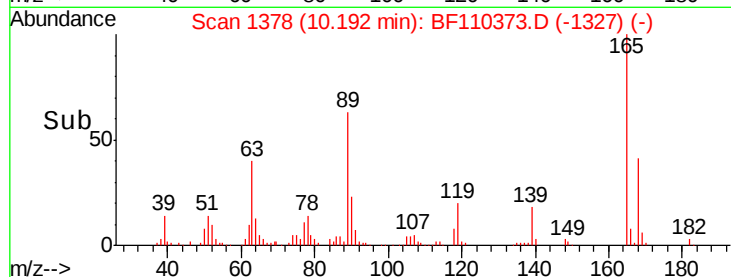
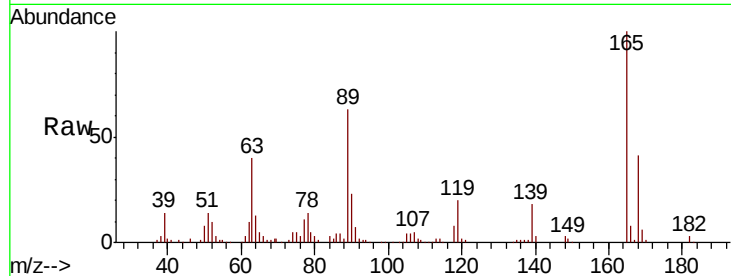




#57
2,4-Dinitrotoluene
Concen: 44.925 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

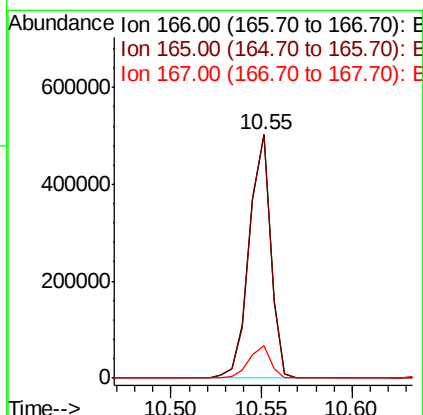
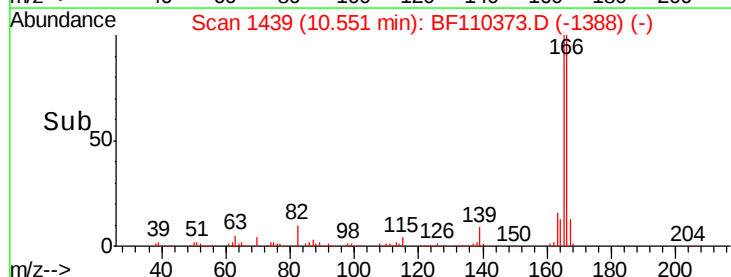
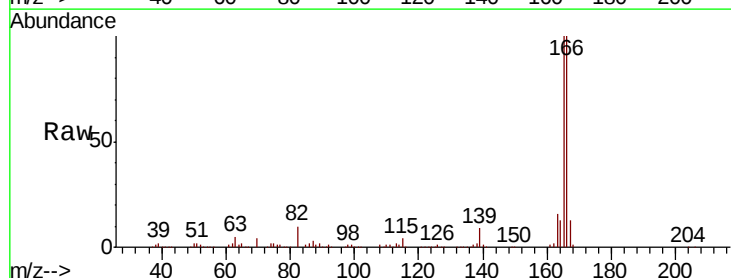
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.9	44.8	67.2#
89	63.2	62.2	93.4
182	2.7	2.1	3.1



#58
Fluorene
Concen: 45.307 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.6	117.8
167	13.2	10.8	16.2

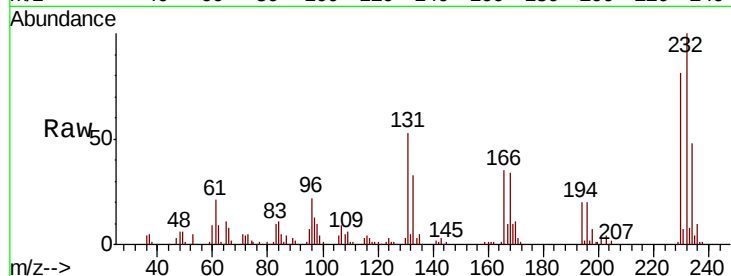




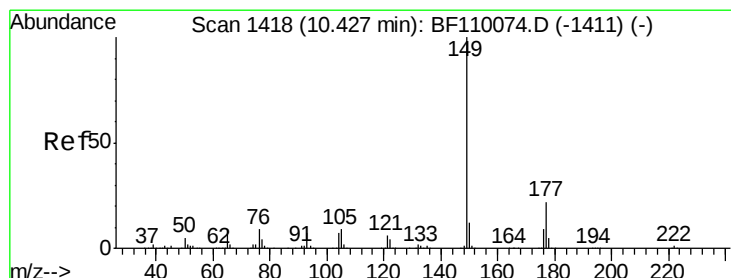
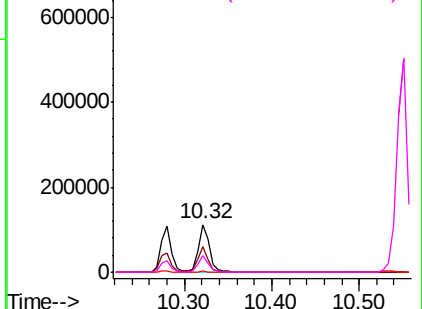
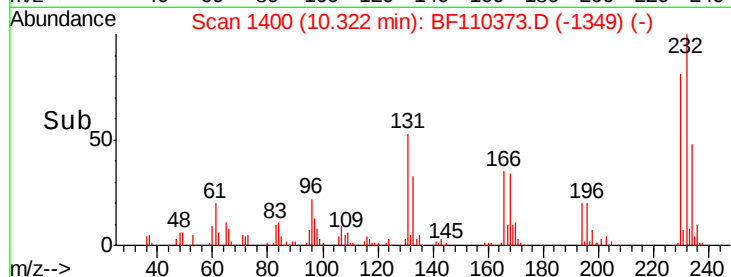
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.812 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 100888
 Ion Ratio Lower Upper
 232 100
 131 49.6 37.0 55.4
 130 2.4 1.8 2.6
 166 32.5 22.0 33.0

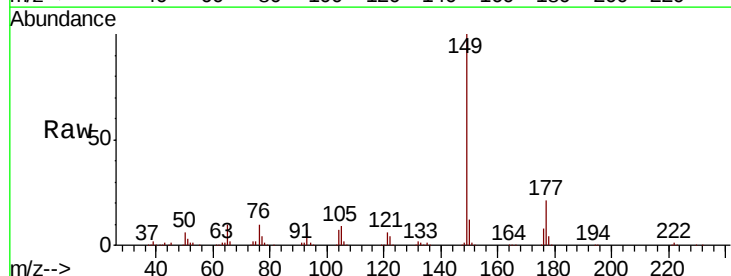


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

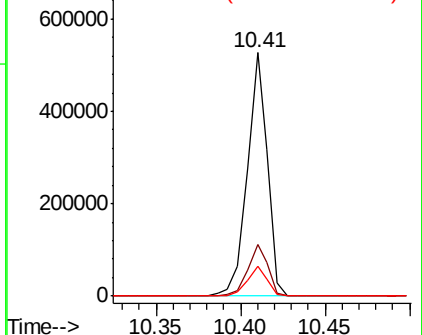
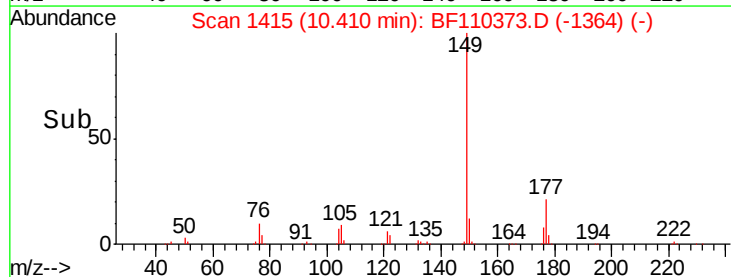


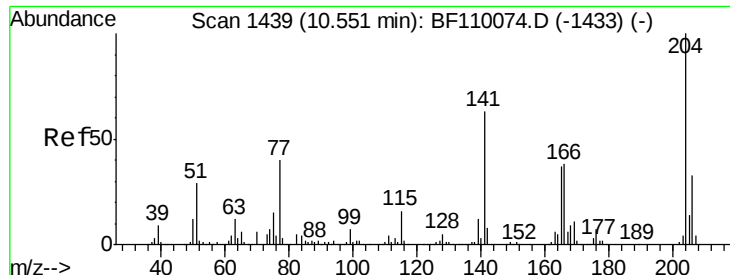
#60
 Diethylphthalate
 Concen: 43.545 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion:149 Resp: 437259
 Ion Ratio Lower Upper
 149 100
 177 21.4 17.4 26.2
 150 12.4 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

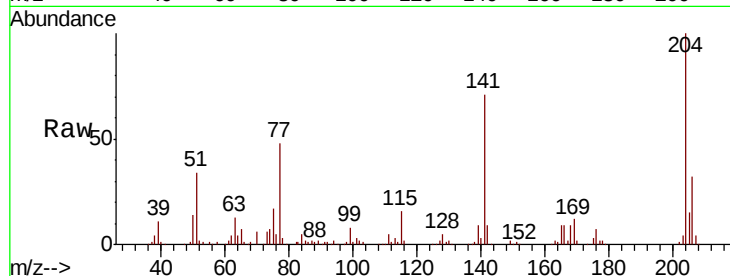




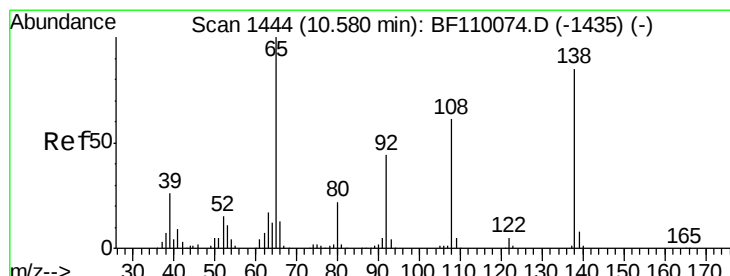
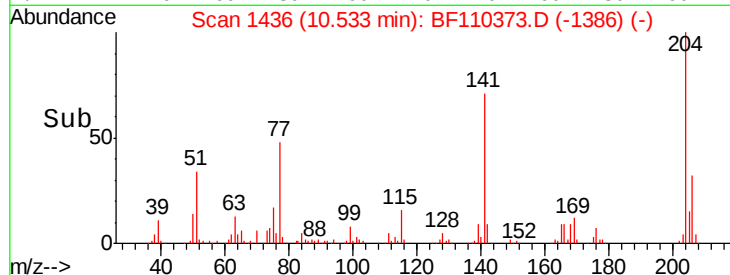
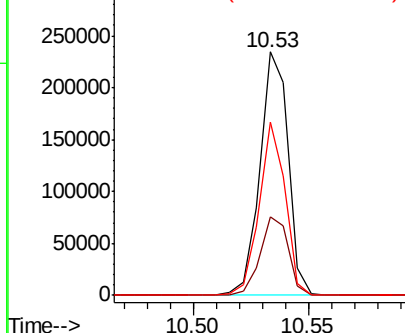
#61
4-Chlorophenyl-phenylether
Concen: 41.238 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 200215
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 70.9 51.8 77.8

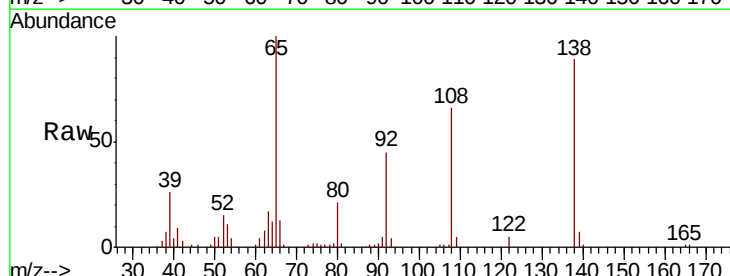


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

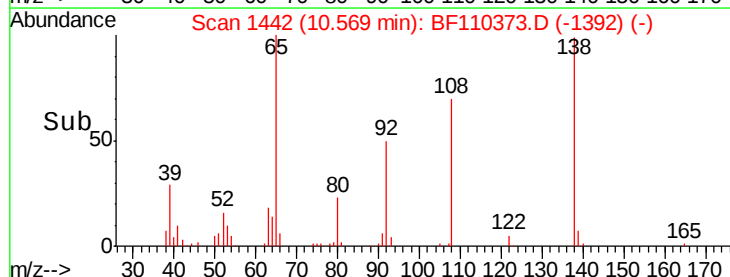
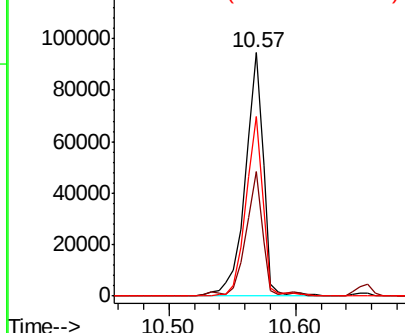


#62
4-Nitroaniline
Concen: 35.511 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:138 Resp: 93068
Ion Ratio Lower Upper
138 100
92 51.0 31.7 71.7
108 73.9 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

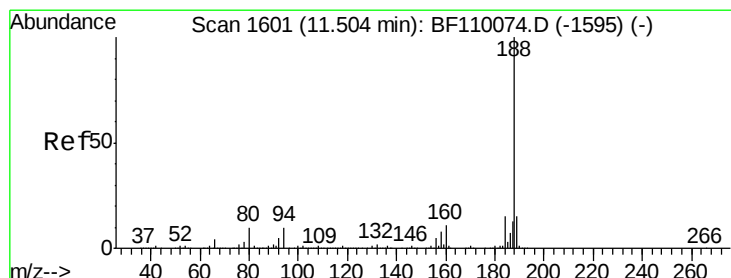
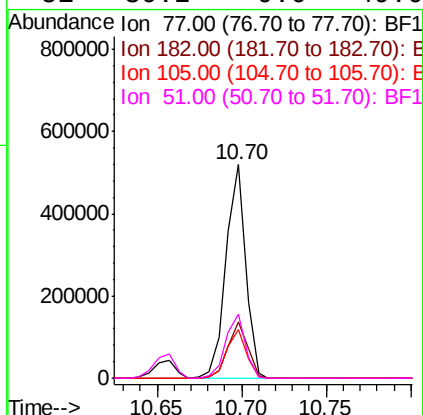
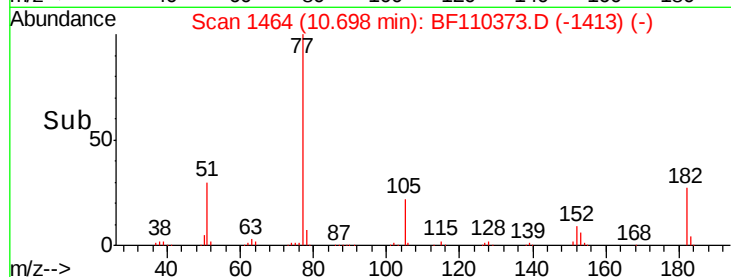
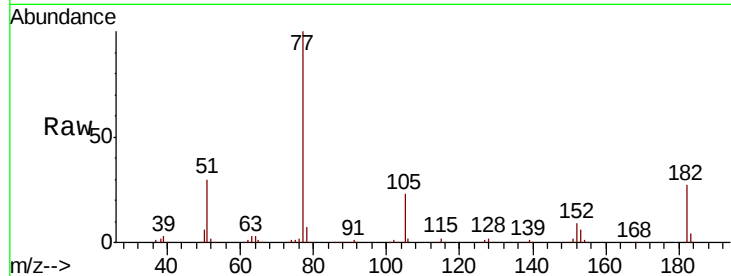




#63
Azobenzene
Concen: 42.330 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

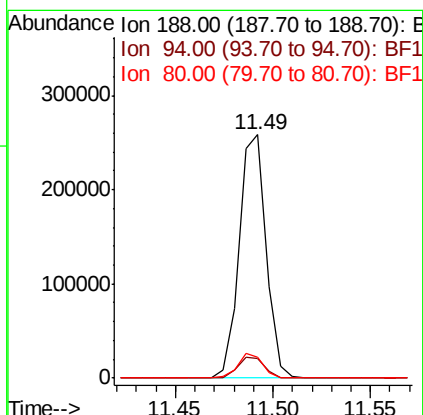
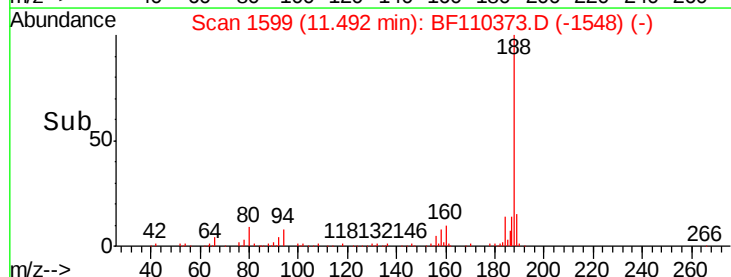
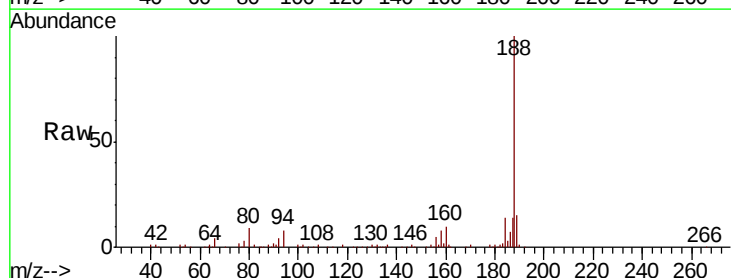
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.5	4.3	44.3
105	22.8	1.3	41.3
51	30.2	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.7	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 34.376 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampleId :

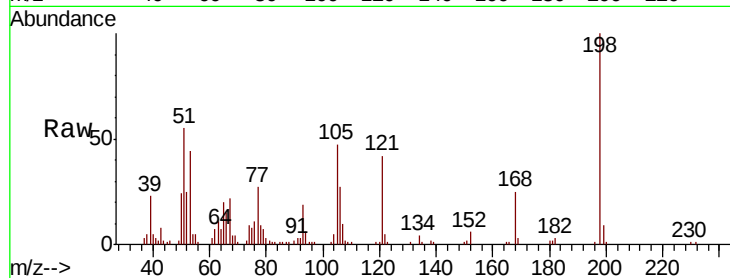
Tot Ion:198 Resp: 38818

Ion Ratio Lower Upper

198 100

51 54.7 22.8 62.8

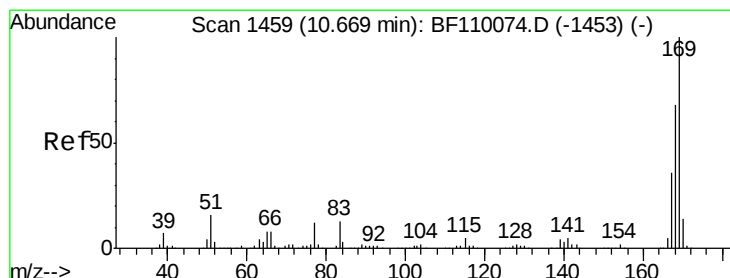
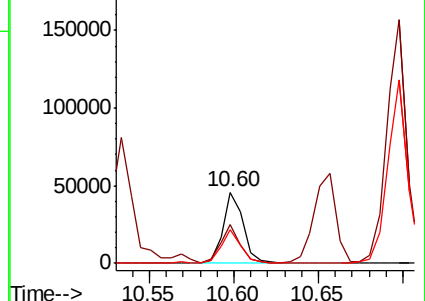
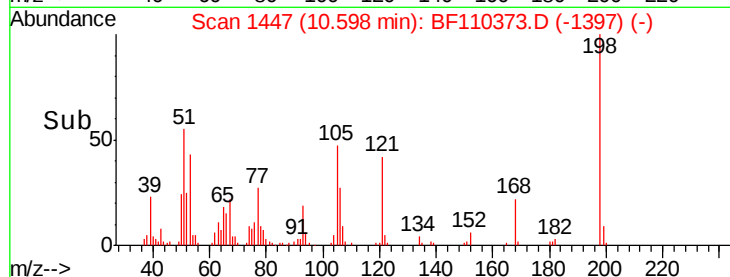
105 47.3 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.619 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

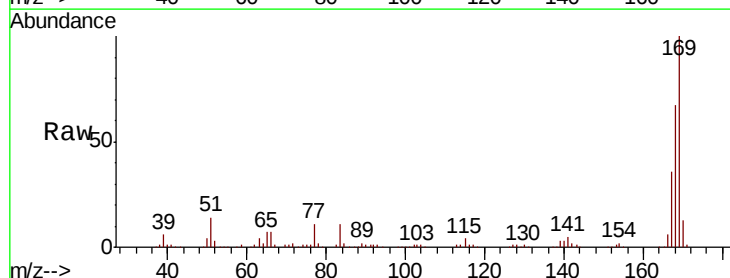
Tgt Ion:169 Resp: 361725

Ion Ratio Lower Upper

169 100

168 67.3 51.2 76.8

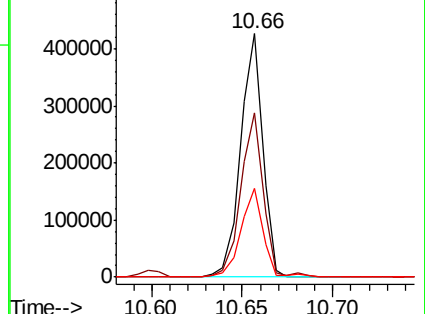
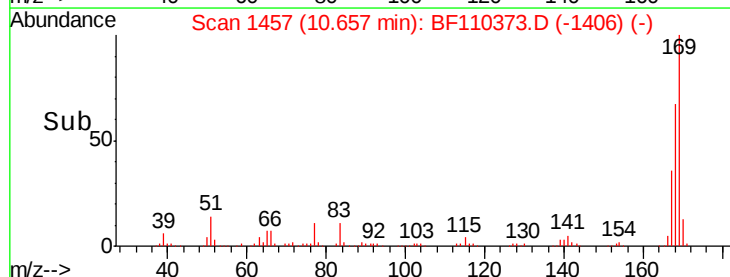
167 36.2 27.8 41.6

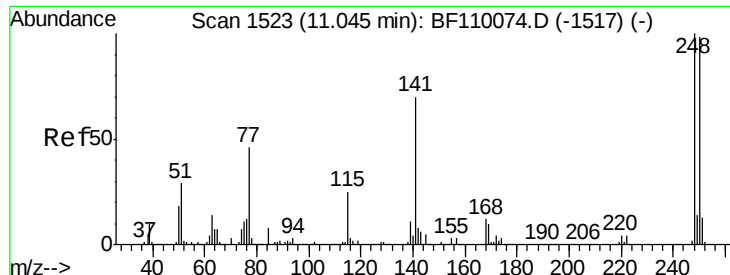


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

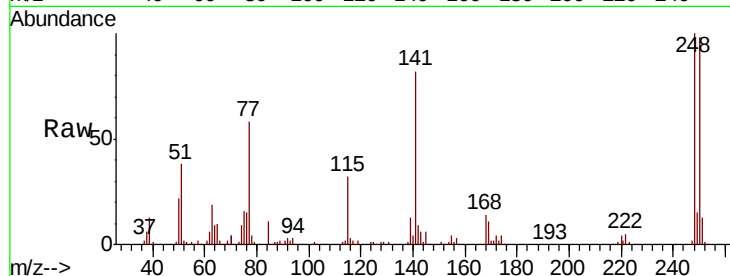




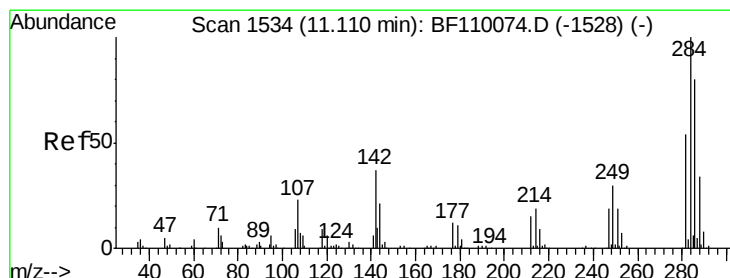
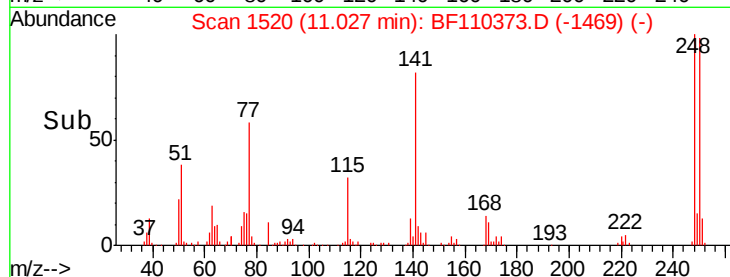
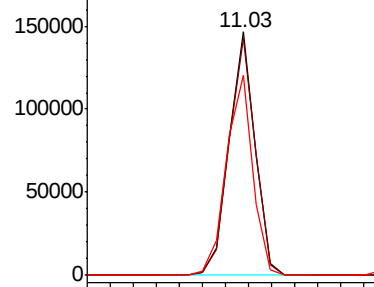
#67
 4-Bromophenyl-phenylether
 Concen: 43.177 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 115758
 Ion Ratio Lower Upper
 248 100
 250 97.6 79.4 119.2
 141 82.2 55.9 83.9

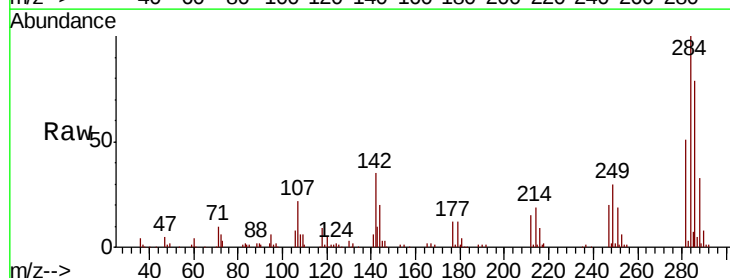


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

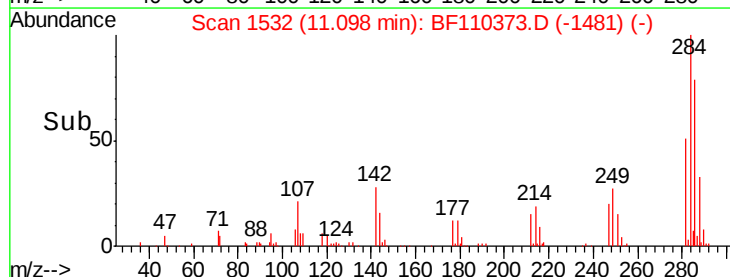
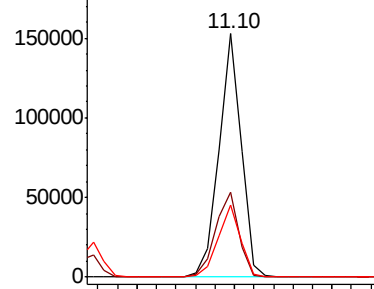


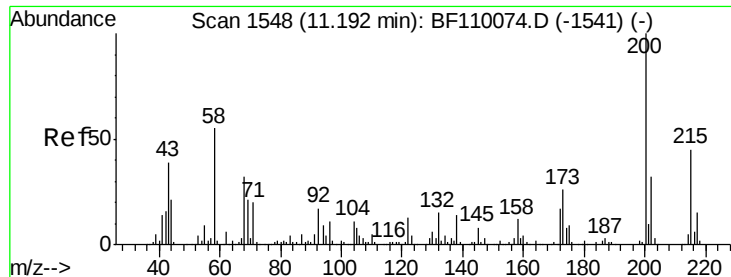
#68
 Hexachlorobenzene
 Concen: 42.432 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF110373.D
 Acq: 1 Nov 2018 17:50

Tgt Ion:284 Resp: 120705
 Ion Ratio Lower Upper
 284 100
 142 35.1 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

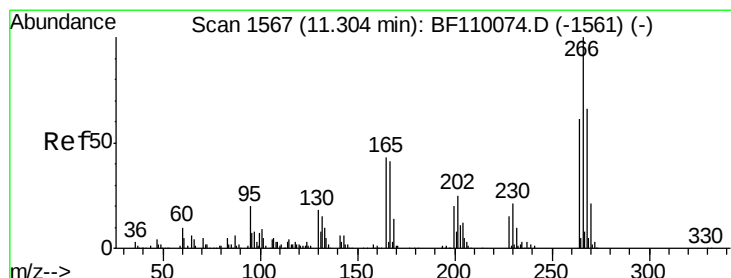
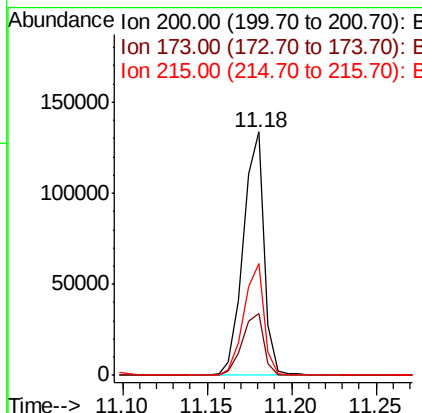
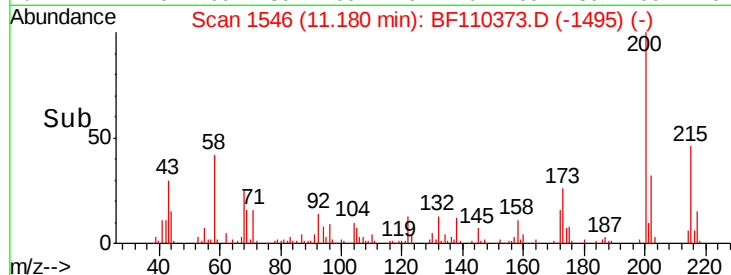
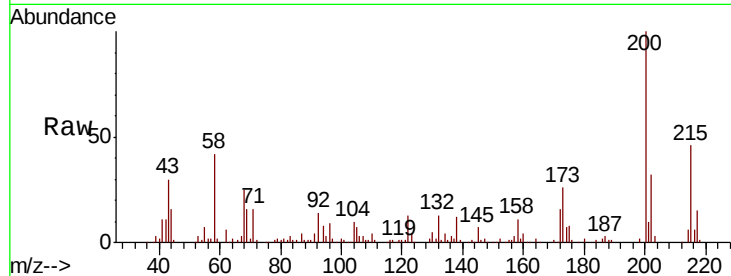




#69
Atrazine
Concen: 44.857 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

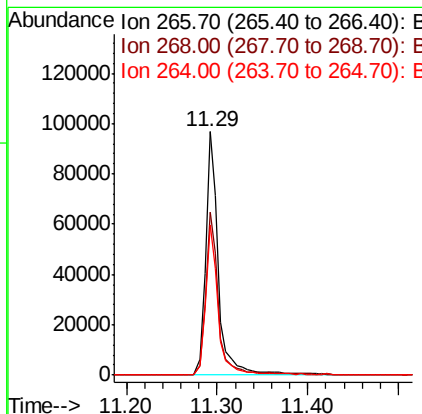
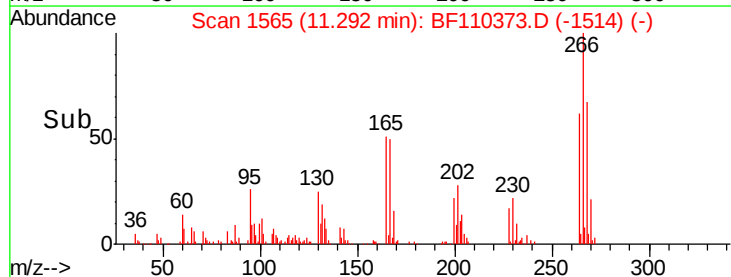
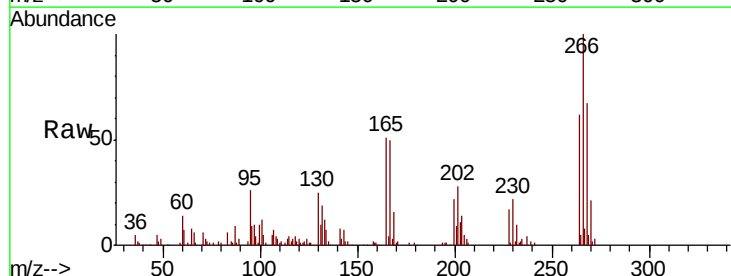
Instrument :
BNA_F
ClientSampleId :

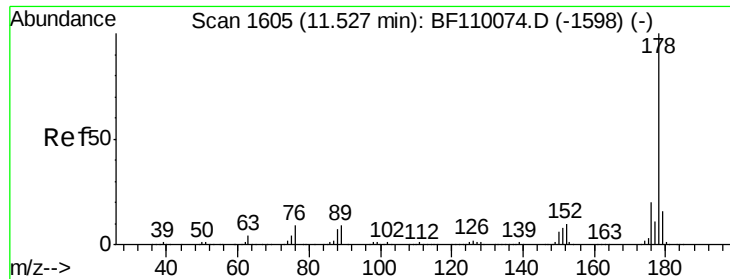
Tot Ion:200 Resp: 114923
Ion Ratio Lower Upper
200 100
173 25.5 6.6 46.6
215 45.7 26.3 66.3



#70
Pentachlorophenol
Concen: 58.490 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:266 Resp: 97019
Ion Ratio Lower Upper
266 100
268 66.8 50.6 75.8
264 61.9 50.6 75.8

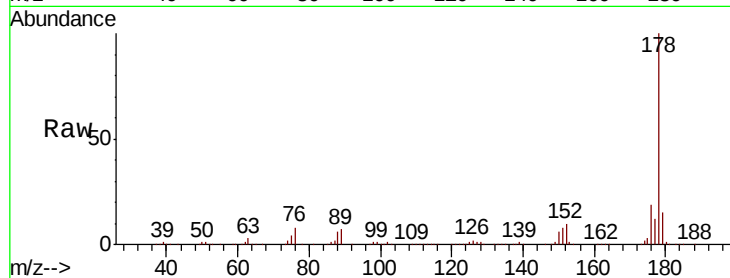




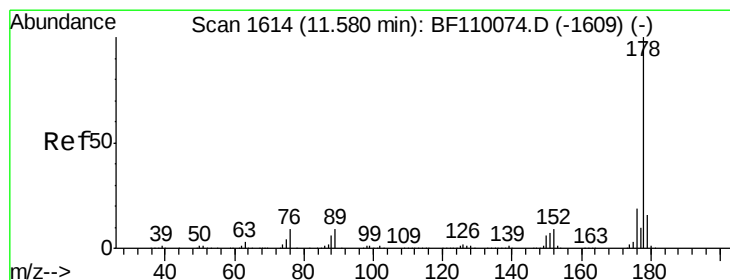
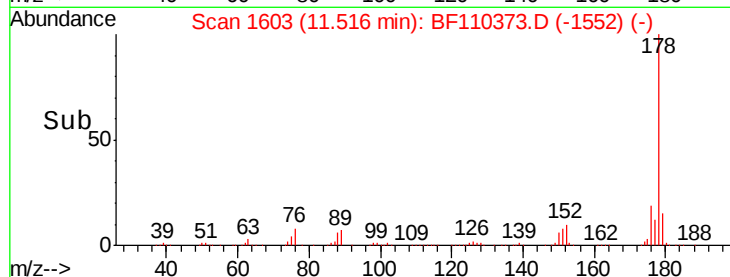
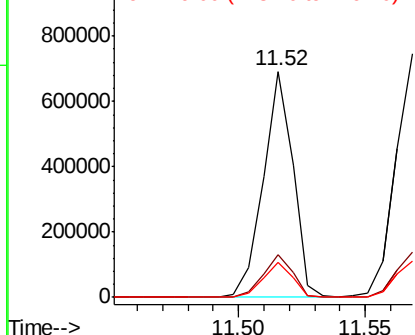
#71
Phenanthrene
Concen: 44.156 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 571066
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.5 12.5 18.7

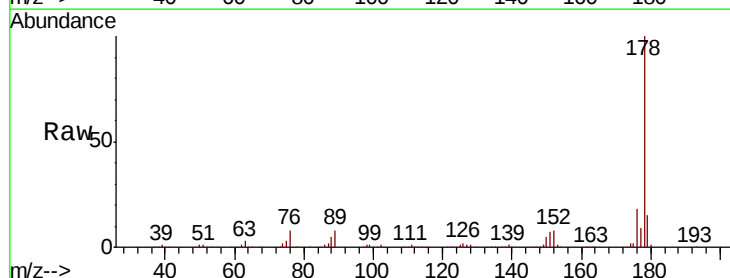


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

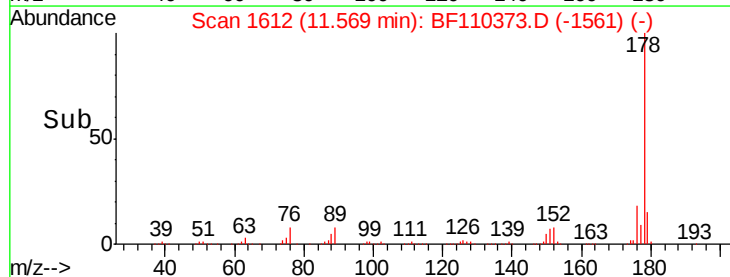
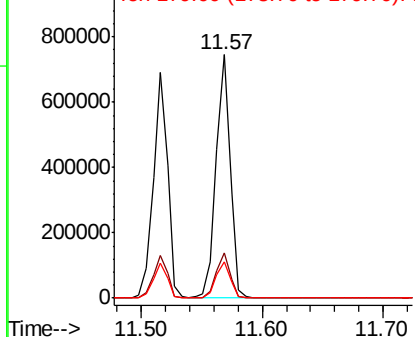


#72
Anthracene
Concen: 46.027 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:178 Resp: 596645
Ion Ratio Lower Upper
178 100
176 18.5 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: 37.120 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampleId :

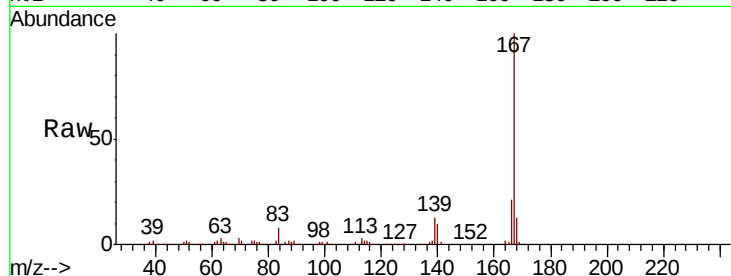
Tot Ion:167 Resp: 469834

Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.0

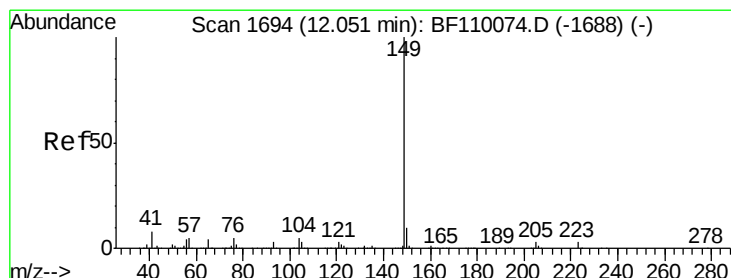
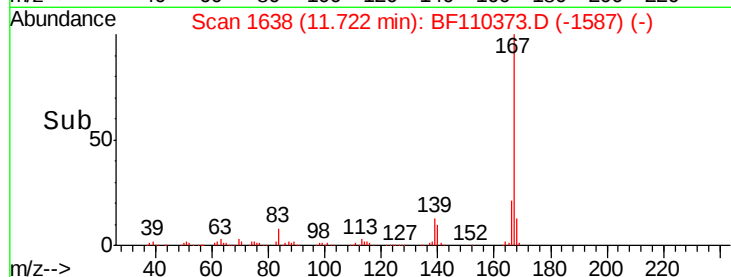
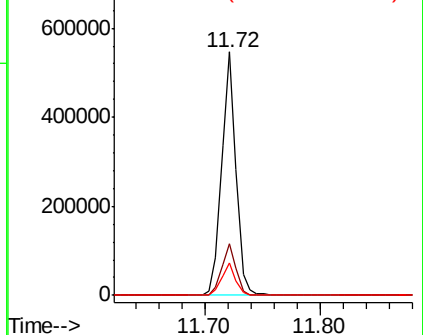
139 13.2 10.9 16.3



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: 45.440 ng

RT: 12.03 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

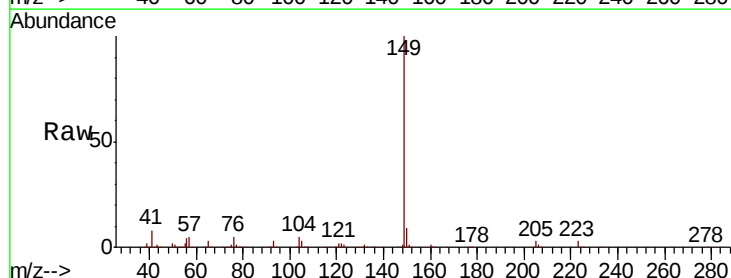
Tgt Ion:149 Resp: 649553

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

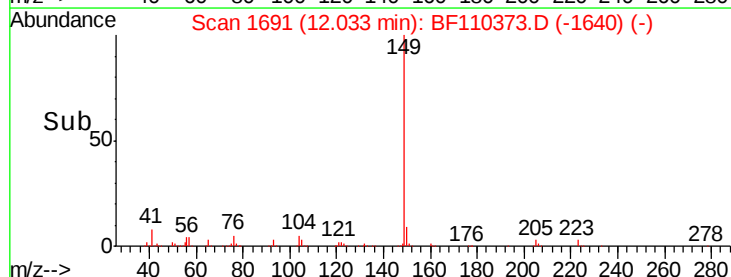
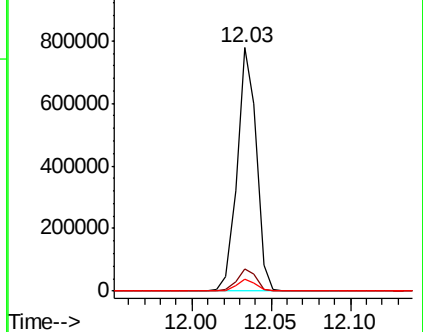
104 5.0 4.2 6.4

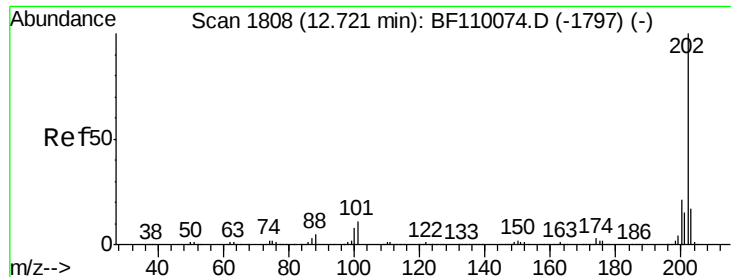


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

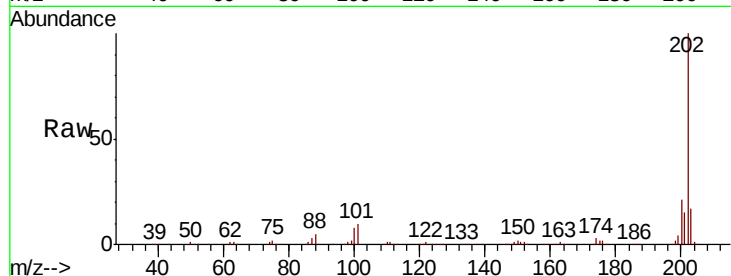




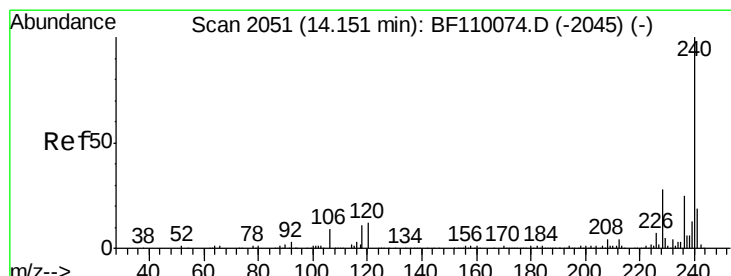
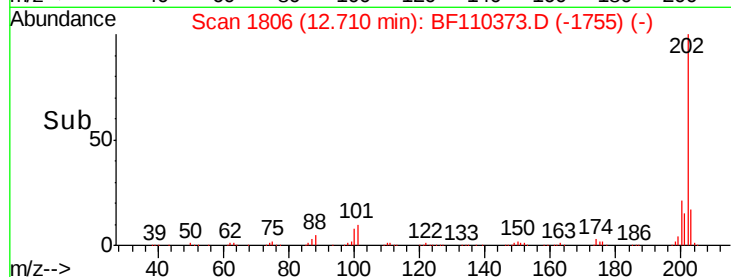
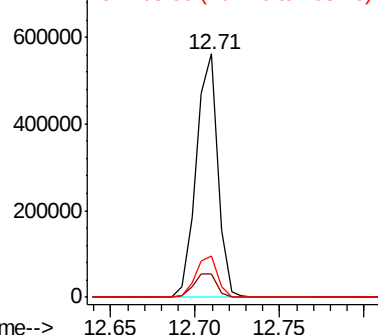
#75
Fluoranthene
Concen: 38.105 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.4
203	17.2	0.0	37.7

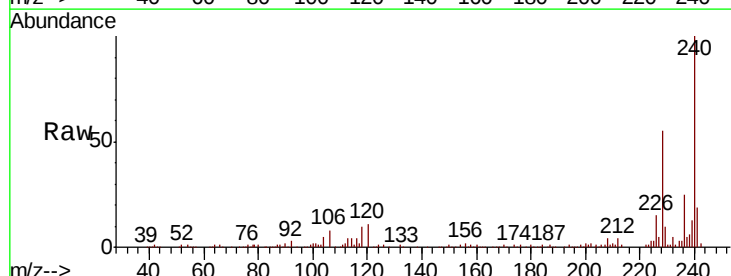


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

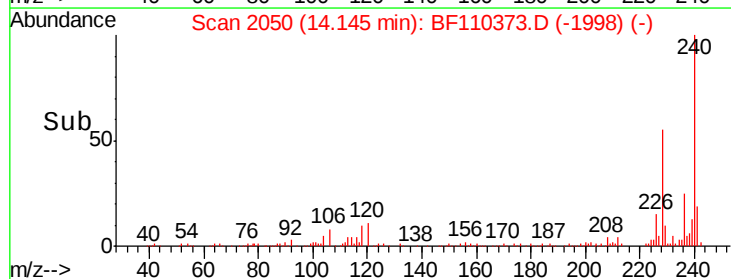
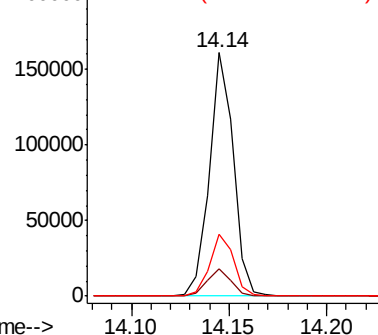


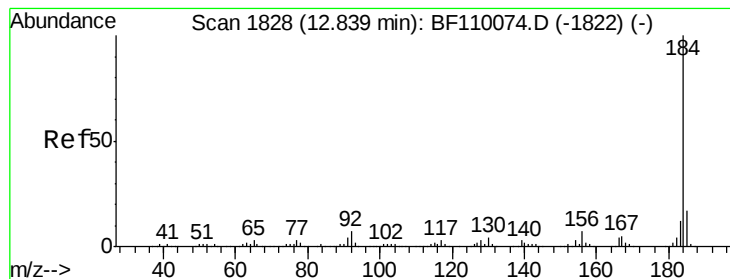
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.5	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: Below Cal

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

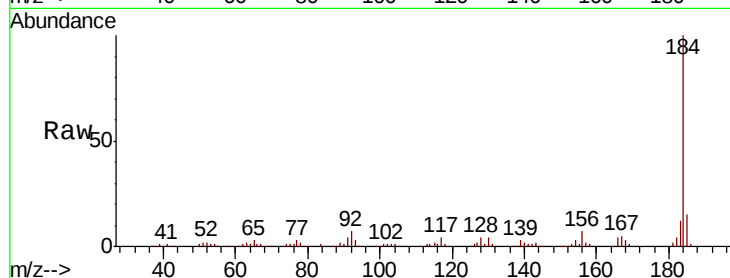
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 280407

Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.4	20.2
183	12.0	9.4	14.2

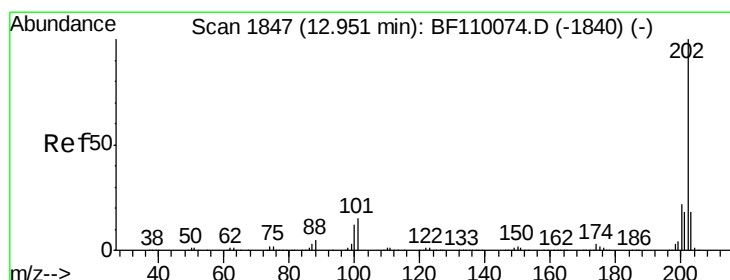
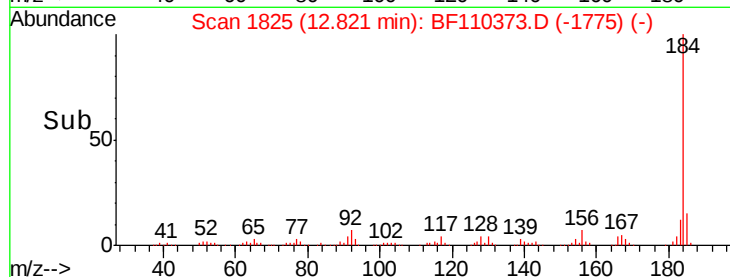
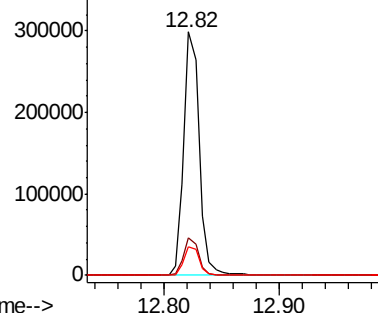


Abundance

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: 48.360 ng

RT: 12.94 min Scan# 1845

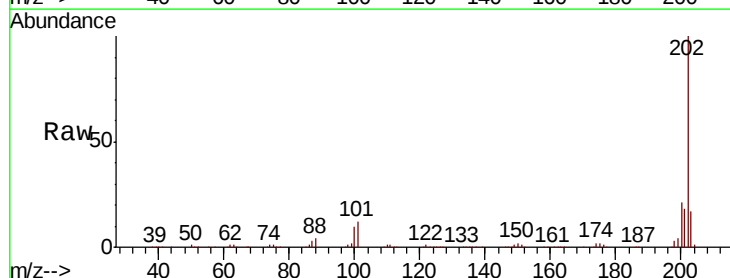
Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Tgt Ion:202 Resp: 475199

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	16.9	14.2	21.4

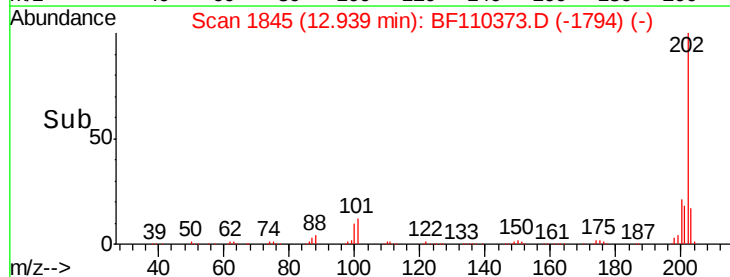
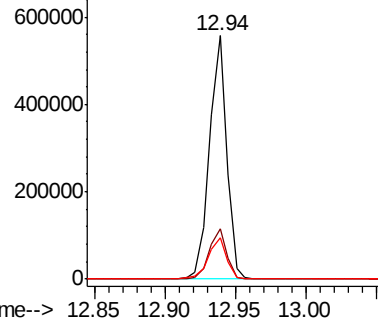


Abundance

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: 94.030 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampleId :

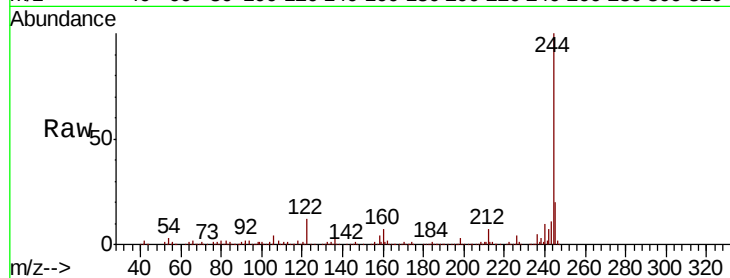
Tot Ion:244 Resp: 619705

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

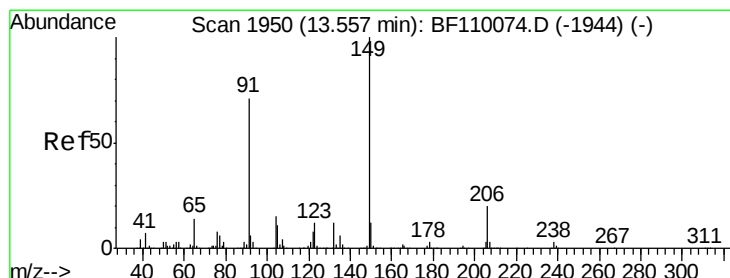
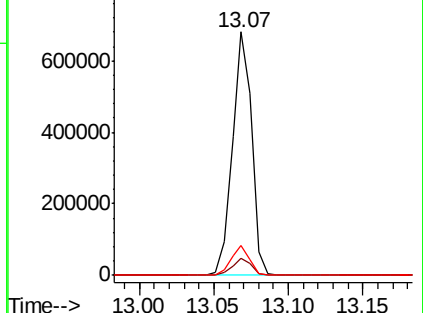
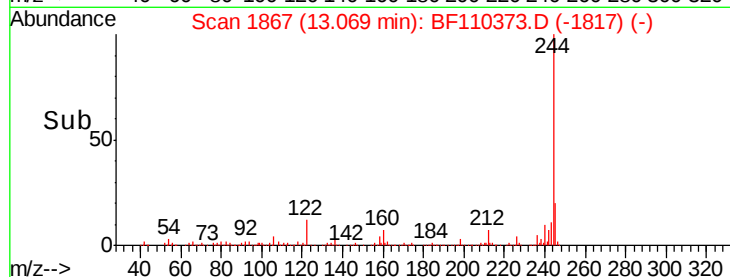
122 12.2 8.7 13.1



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: 47.728 ng

RT: 13.54 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

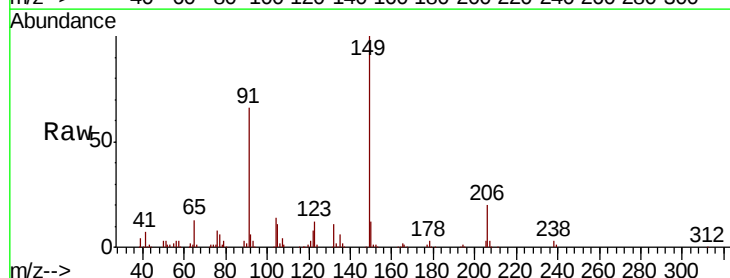
Tgt Ion:149 Resp: 203560

Ion Ratio Lower Upper

149 100

91 66.3 57.2 85.8

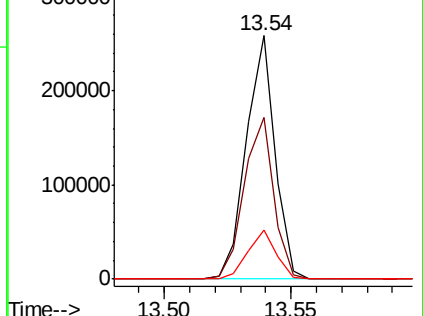
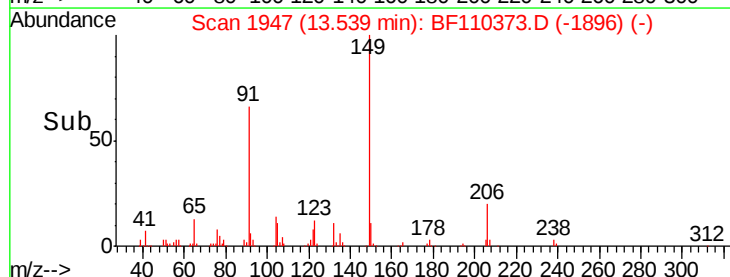
206 20.3 15.7 23.5

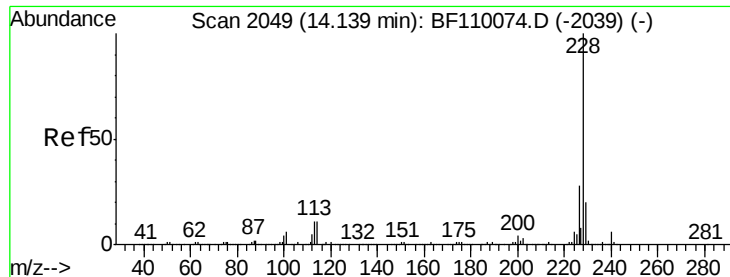


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.640 ng

RT: 14.13 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampled :

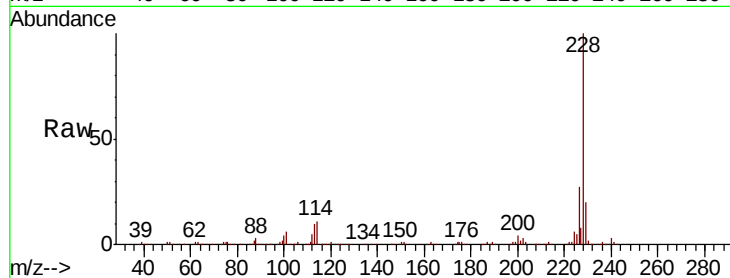
Tot Ion:228 Resp: 370970

Ion Ratio Lower Upper

228 100

226 26.9 22.1 33.1

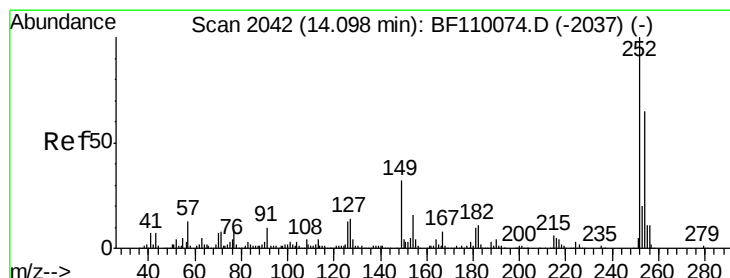
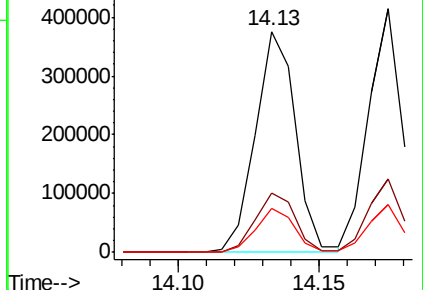
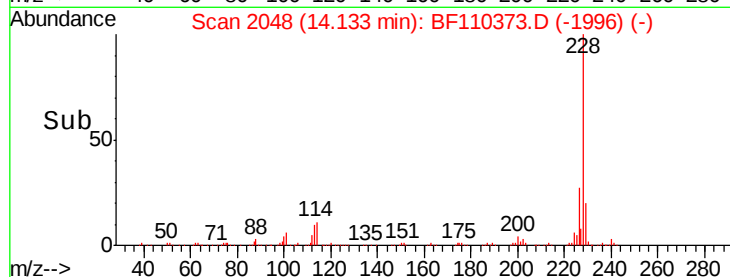
229 20.1 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.711 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

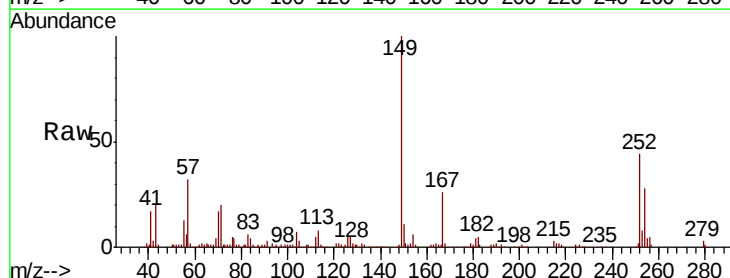
Tgt Ion:252 Resp: 86922

Ion Ratio Lower Upper

252 100

254 64.1 51.3 76.9

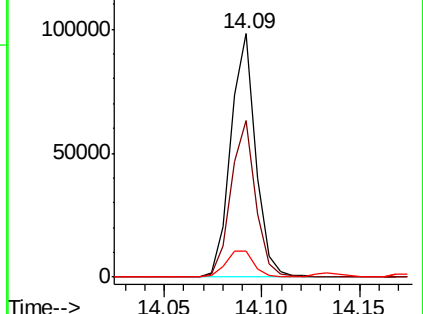
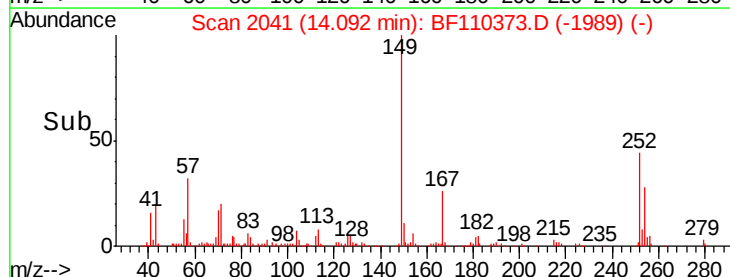
126 10.9 9.4 14.2

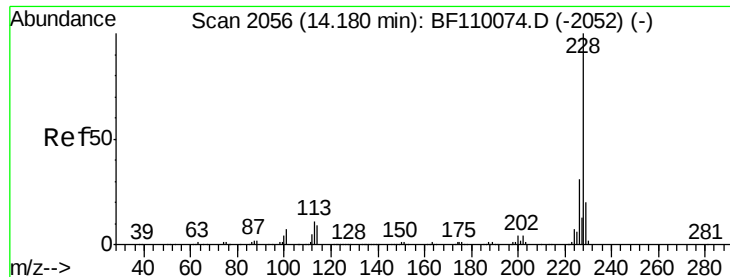


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 44.304 ng

RT: 14.17 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampleId :

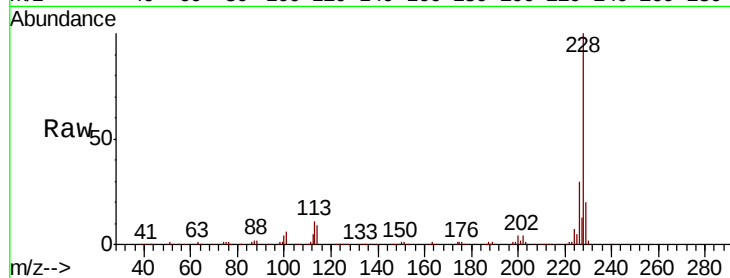
Tot Ion:228 Resp: 342032

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

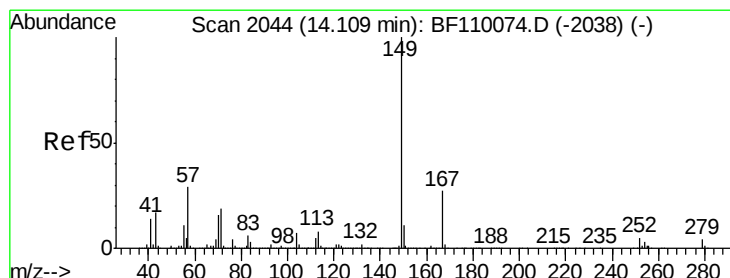
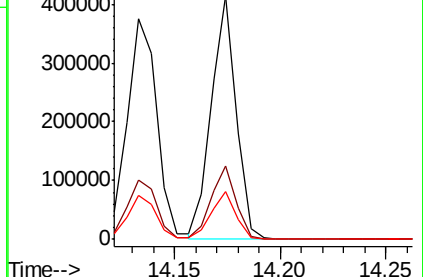
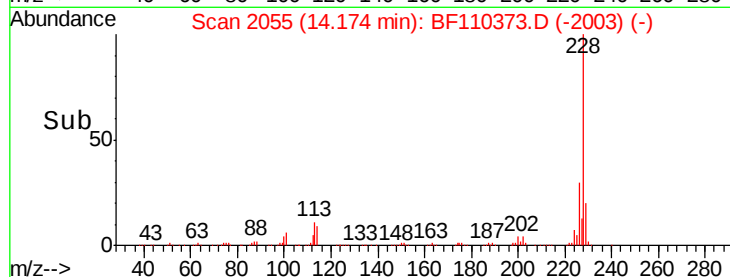
229 19.7 15.9 23.9



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: 48.397 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

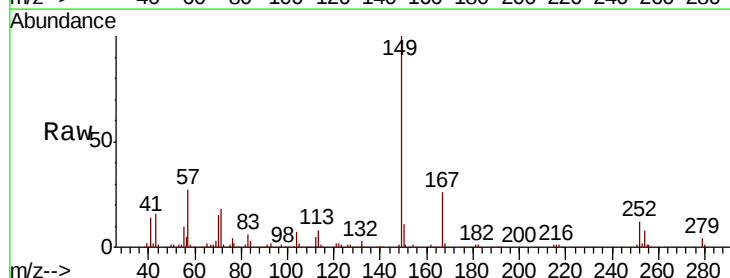
Tgt Ion:149 Resp: 279028

Ion Ratio Lower Upper

149 100

167 26.2 19.8 29.8

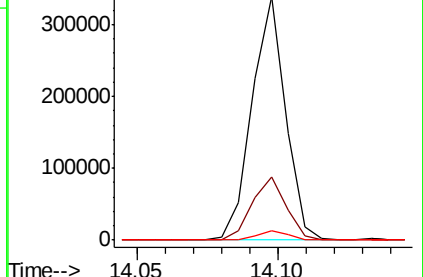
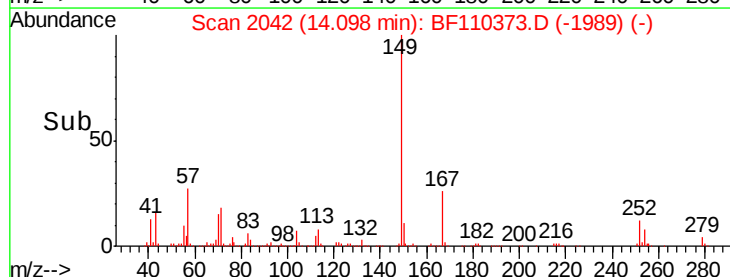
279 3.7 2.7 4.1

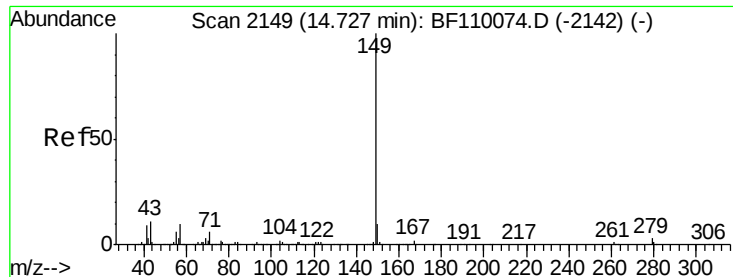


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

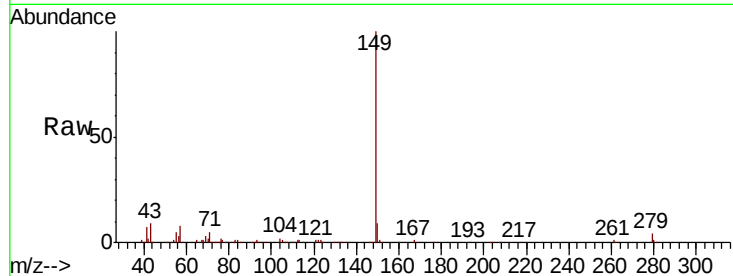




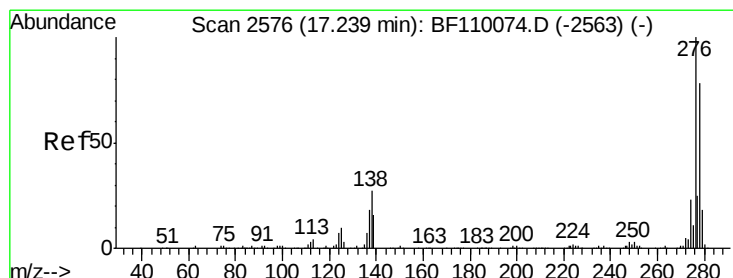
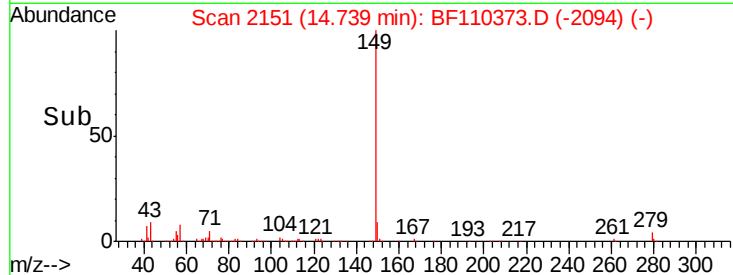
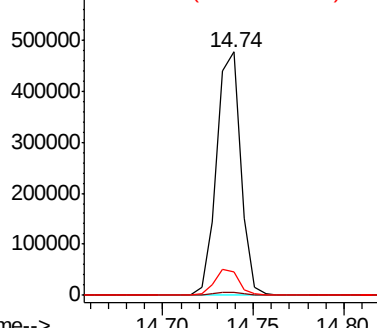
#85
Di-n-octyl phthalate
Concen: 49.158 ng
RT: 14.74 min Scan# 2151
Delta R.T. 0.04 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 440696
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.4 7.8 11.8

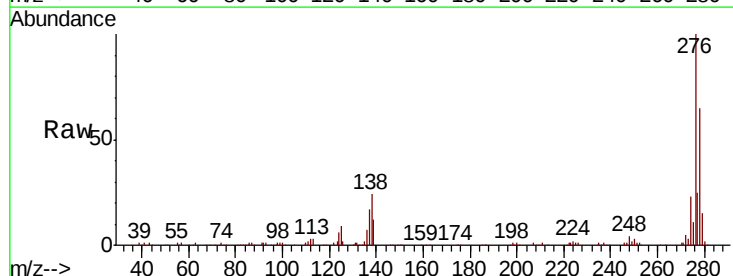


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

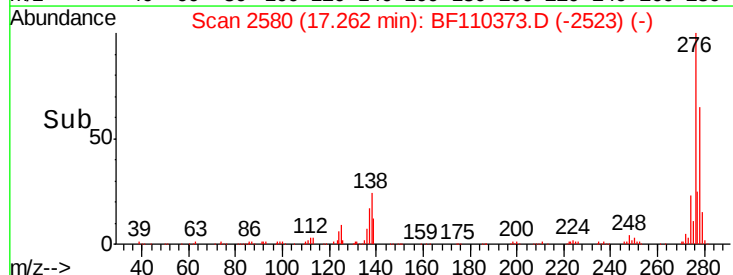
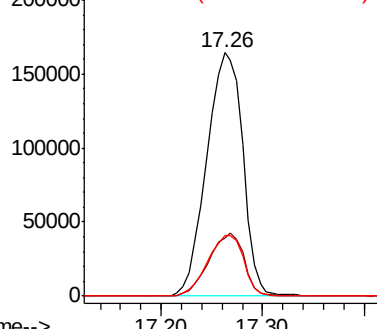


#86
Indeno(1,2,3-cd)pyrene
Concen: 63.473 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.04 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:276 Resp: 406517
Ion Ratio Lower Upper
276 100
138 25.2 18.5 27.7
277 25.1 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: 15.69 min Scan# 2313

Delta R.T. 0.04 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampleId :

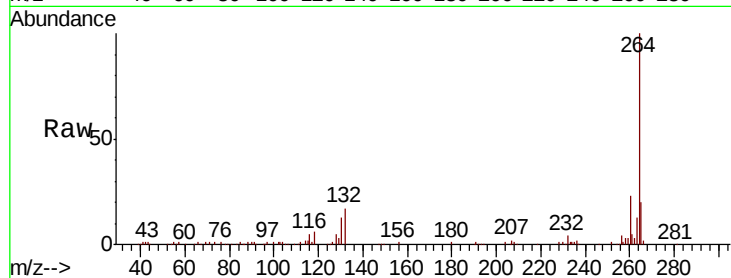
Tot Ion:264 Resp: 146871

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 19.7 16.7 25.1

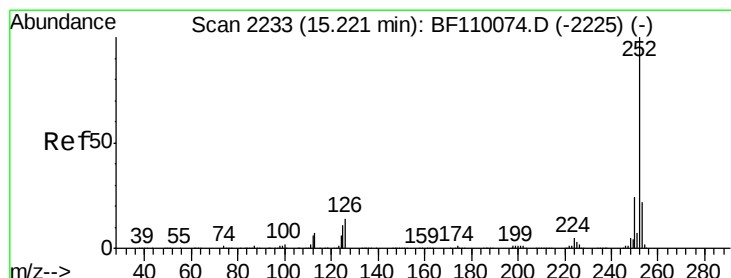
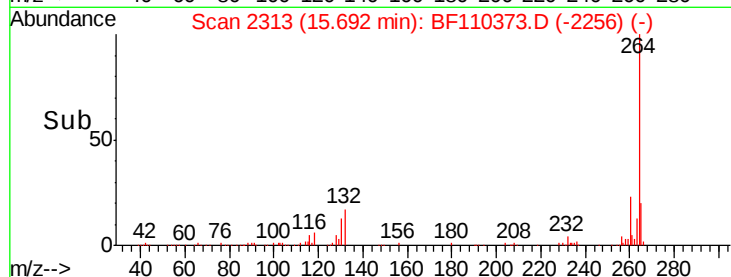
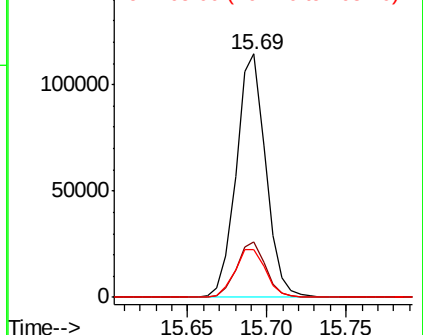


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.702 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.04 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

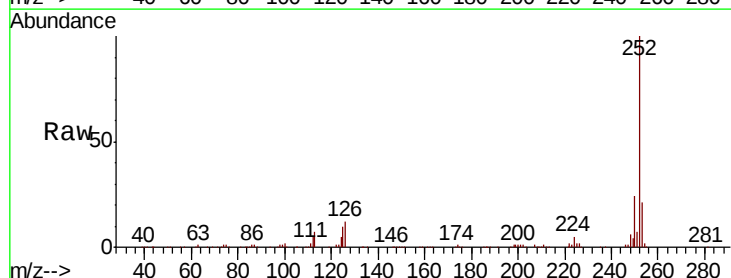
Tgt Ion:252 Resp: 370646

Ion Ratio Lower Upper

252 100

253 21.2 17.2 25.8

125 10.2 8.2 12.4

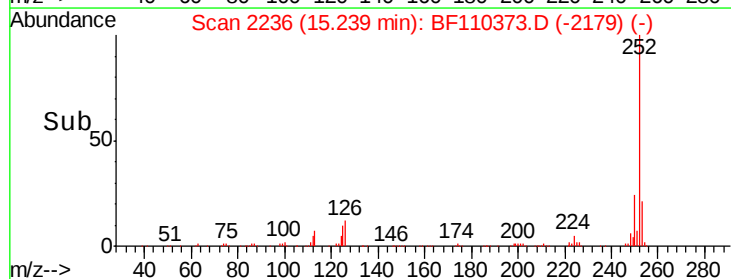
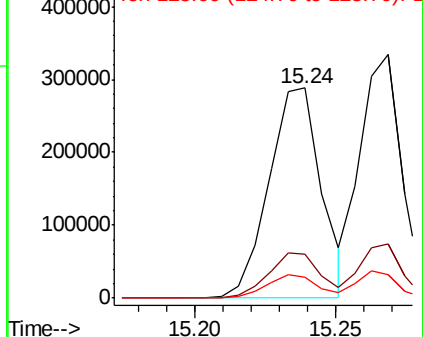


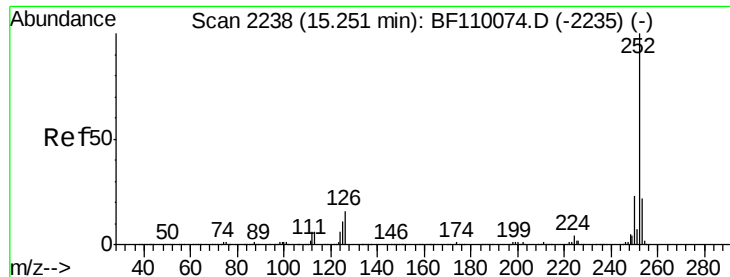
Abundance

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

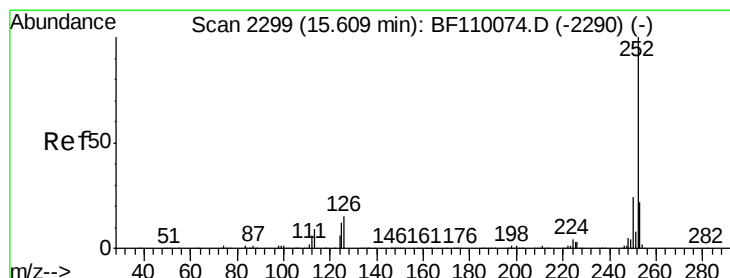
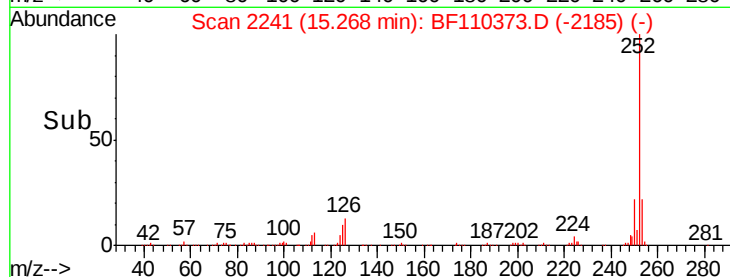
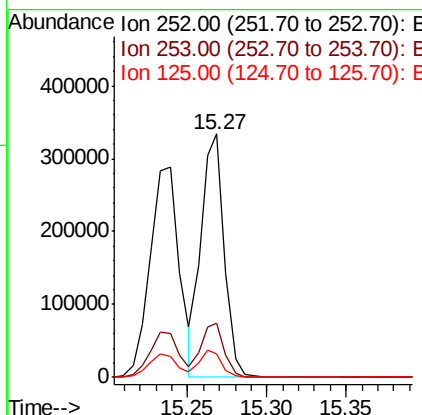
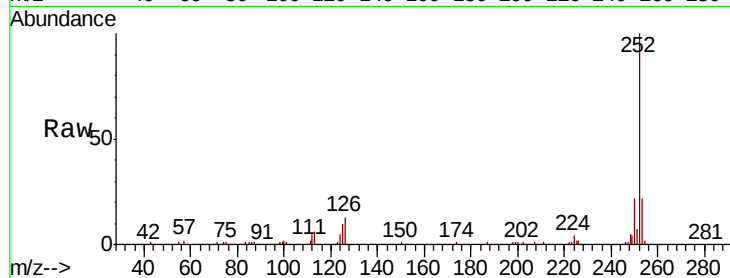




#89
Benzo(k)fluoranthene
Concen: 41.280 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.03 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

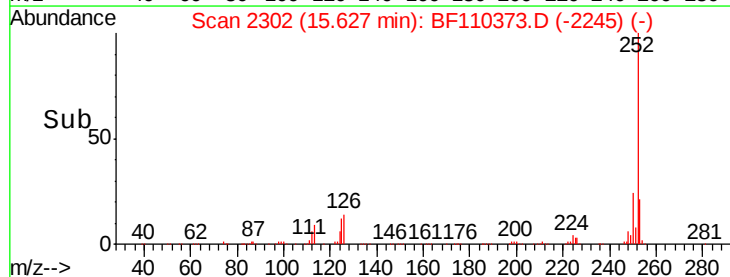
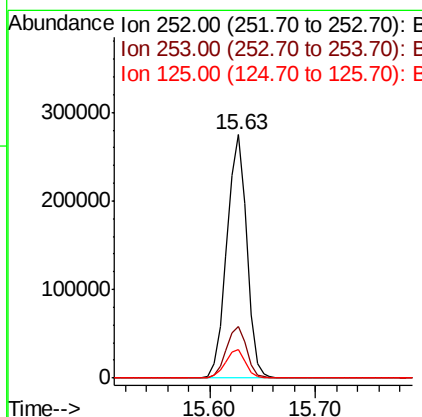
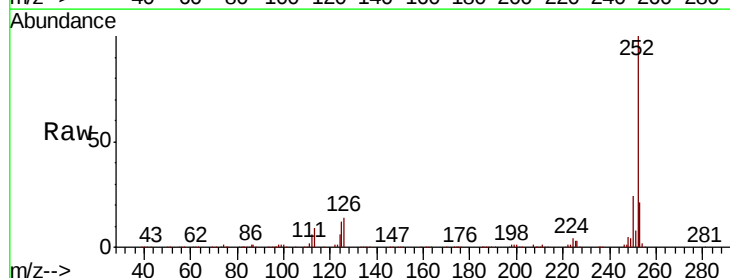
Instrument :
BNA_F
ClientSampleId :

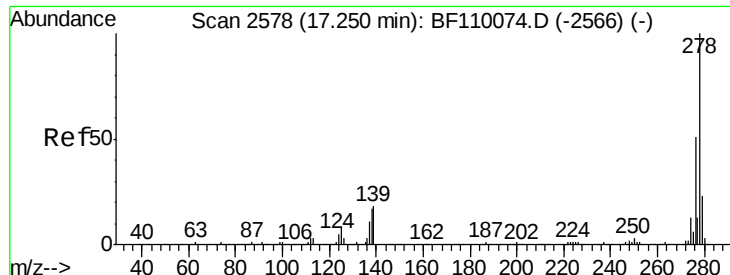
Tot Ion:252 Resp: 344190
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 46.003 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.04 min
Lab File: BF110373.D
Acq: 1 Nov 2018 17:50

Tgt Ion:252 Resp: 359011
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 11.7 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 49.859 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.04 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

Instrument :

BNA_F

ClientSampled :

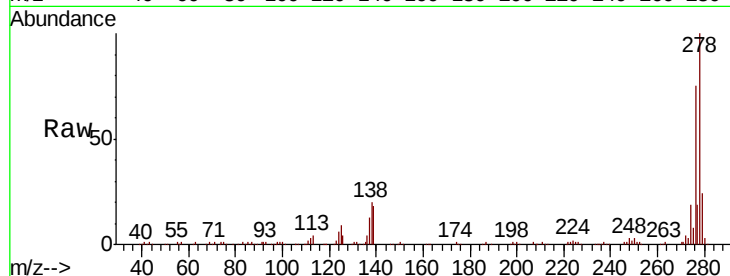
Tot Ion:278 Resp: 335741

Ion Ratio Lower Upper

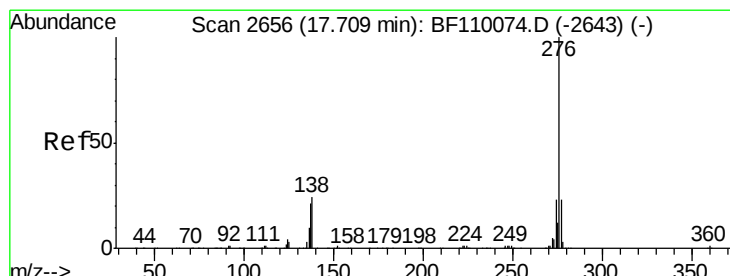
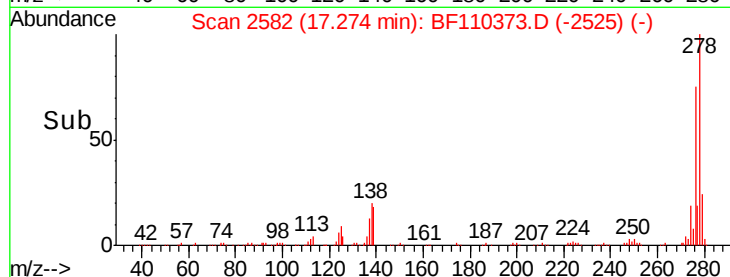
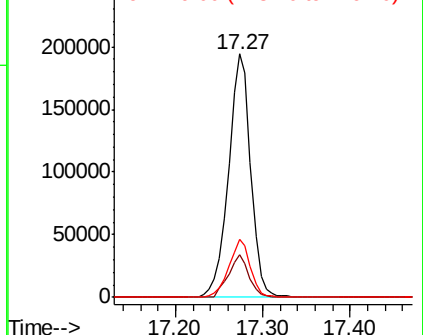
278 100

139 17.6 12.7 19.1

279 24.1 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: 48.753 ng

RT: 17.74 min Scan# 2661

Delta R.T. 0.04 min

Lab File: BF110373.D

Acq: 1 Nov 2018 17:50

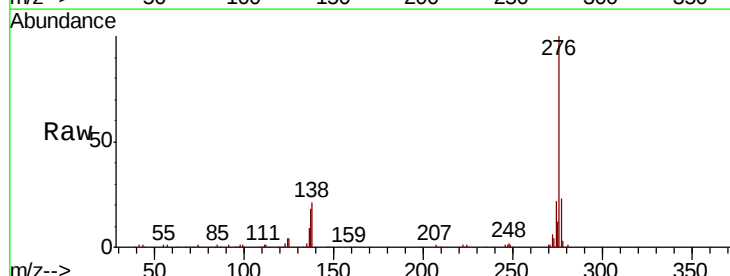
Tgt Ion:276 Resp: 323506

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 21.0 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

