

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110347.D
 Acq On : 31 Oct 2018 21:50
 Operator : JU/SJ
 Sample : PB114334BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 03:44:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	89349	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	362577	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	171244	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	281955	20.00	ng	0.00
76) Chrysene-d12	14.17	240	170853	20.00	ng	0.00
87) Perylene-d12	15.70	264	124098	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	389153	70.93	ng	0.01
7) Phenol-d6	6.60	99	488313	69.58	ng	0.00
23) Nitrobenzene-d5	7.54	82	445097	72.81	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	109081	64.31	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	850017	77.94	ng	0.00
79) Terphenyl-d14	13.10	244	659046	80.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	66484	23.128	ng	87
3) Pyridine	3.66	79	195610	30.551	ng	86
4) n-Nitrosodimethylamine	3.62	42	99705	37.169	ng	88
6) Aniline	6.63	93	139497	15.259	ng	# 55
8) 2-Chlorophenol	6.76	128	230946	36.509	ng	97
9) Benzaldehyde	6.53	77	160733	39.216	ng	97
10) Phenol	6.61	94	274386	36.577	ng	# 67
11) bis(2-Chloroethyl)ether	6.70	93	202099	32.746	ng	94
12) 1,3-Dichlorobenzene	6.92	146	232301	33.370	ng	97
13) 1,4-Dichlorobenzene	6.99	146	235776	33.488	ng	99
14) 1,2-Dichlorobenzene	7.15	146	222455	34.036	ng	98
15) Benzyl Alcohol	7.11	79	194526	36.039	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.24	45	325531	32.989	ng	70
17) 2-Methylphenol	7.22	107	184083	36.514	ng	# 81
18) Hexachloroethane	7.48	117	73953	28.690	ng	92
19) n-Nitroso-di-n-propylamine	7.38	70	151585	33.668	ng	97
20) 3+4-Methylphenols	7.37	107	235273	36.104	ng	# 76
22) Acetophenone	7.38	105	305410	36.556	ng	# 94
24) Nitrobenzene	7.56	77	230837	36.576	ng	95
25) Isophorone	7.79	82	419584	40.267	ng	96
26) 2-Nitrophenol	7.87	139	104500	34.796	ng	94
27) 2,4-Dimethylphenol	7.90	122	209744	42.124	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	264304	37.338	ng	99
29) 2,4-Dichlorophenol	8.12	162	189548	37.680	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	201355	35.735	ng	96
31) Naphthalene	8.28	128	649069	38.841	ng	100
32) Benzoic acid	8.02	122	72655	18.879	ng	94
33) 4-Chloroaniline	8.33	127	70030	9.312	ng	97
34) Hexachlorobutadiene	8.39	225	109804	35.096	ng	99
35) Caprolactam	8.74	113	14951	8.527	ng	88
36) 4-Chloro-3-methylphenol	8.81	107	207436	38.133	ng	96
37) 2-Methylnaphthalene	8.97	142	448898	40.601	ng	99
38) 1-Methylnaphthalene	9.07	142	421962	39.493	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	189697	35.553	ng	99

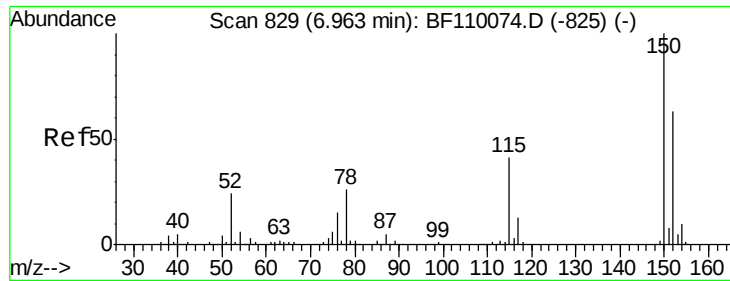
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110347.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	50964	18.680	nq	98
43) 2,4,6-Trichlorophenol	9.25	196	124628	36.214	nq	95
44) 2,4,5-Trichlorophenol	9.29	196	133893	36.807	nq	96
46) 1,1'-Biphenyl	9.43	154	548231	35.403	nq	100
47) 2-Chloronaphthalene	9.46	162	409563	36.056	nq	98
48) 2-Nitroaniline	9.56	65	132955	38.625	nq	91
49) Acenaphthylene	9.88	152	638178	38.898	nq	98
50) Dimethylphthalate	9.73	163	492756	38.981	nq	100
51) 2,6-Dinitrotoluene	9.80	165	102456	37.628	nq	86
52) Acenaphthene	10.06	154	378566	34.879	nq	98
53) 3-Nitroaniline	9.97	138	76573	23.648	nq	84
54) 2,4-Dinitrophenol	10.09	184	16111	19.119	nq	96
55) Dibenzofuran	10.23	168	550190	36.206	nq	99
56) 4-Nitrophenol	10.14	139	192510	80.329	nq	98
57) 2,4-Dinitrotoluene	10.21	165	127851	36.967	nq	92
58) Fluorene	10.57	166	437428	38.677	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	99138	33.436	nq	# 94
60) Diethylphthalate	10.43	149	482903	39.135	nq	98
61) 4-Chlorophenyl-phenylether	10.56	204	212938	35.691	nq	99
62) 4-Nitroaniline	10.59	138	99784	30.984	nq	91
63) Azobenzene	10.72	77	443443	36.204	nq	95
65) 4,6-Dinitro-2-methylphenol	10.62	198	14999	11.644	nq	89
66) n-Nitrosodiphenylamine	10.67	169	391555	42.339	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	120869	39.520	nq	94
68) Hexachlorobenzene	11.12	284	120203	37.042	nq	# 89
69) Atrazine	11.20	200	126278	43.207	nq	99
70) Pentachlorophenol	11.32	266	91916	48.576	nq	98
71) Phenanthrene	11.54	178	574408	38.934	nq	100
72) Anthracene	11.59	178	592964	40.098	nq	99
73) Carbazole	11.74	167	501155	34.709	nq	100
74) Di-n-butylphthalate	12.06	149	690433	42.340	nq	99
75) Fluoranthene	12.73	202	510518	34.096	nq	100
77) Benzidine	12.85	184	307960	Below	Cal	96
78) Pyrene	12.97	202	495999	40.494	nq	99
80) Butylbenzylphthalate	13.56	149	235295	44.258	nq	98
81) Benzo(a)anthracene	14.16	228	406967	40.167	nq	99
82) 3,3'-Dichlorobenzidine	14.11	252	119217	33.791	nq	100
83) Chrysene	14.19	228	378509	39.332	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	313699	43.650	nq	96
85) Di-n-octyl phthalate	14.73	149	505329	45.220	nq	99
86) Indeno(1,2,3-cd)pyrene	17.29	276	252037	31.570	nq	97
88) Benzo(b)fluoranthene	15.24	252	306190	42.727	nq	99
89) Benzo(k)fluoranthene	15.27	252	308140	43.738	nq	99
90) Benzo(a)pyrene	15.64	252	276732	41.967	nq	99
91) Dibenzo(a,h)anthracene	17.30	278	213048	37.444	nq	99
92) Benzo(g,h,i)perylene	17.77	276	199974	35.667	nq	99

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

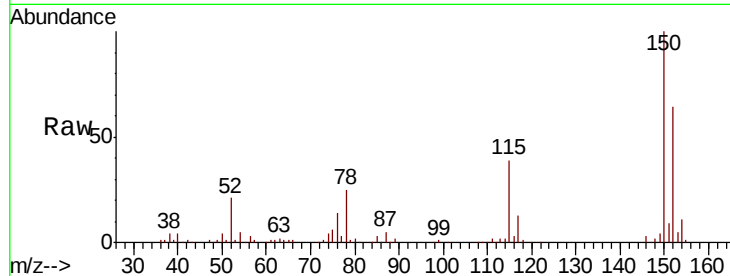


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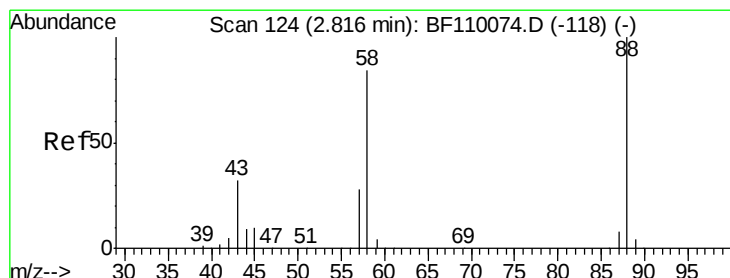
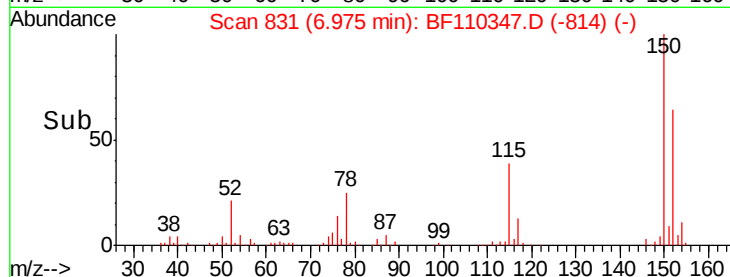
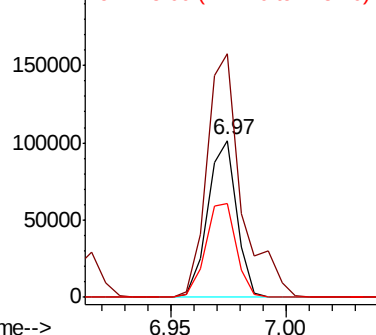
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89349
Ion Ratio Lower Upper
152 100
150 155.4 122.7 184.1
115 59.9 49.1 73.7



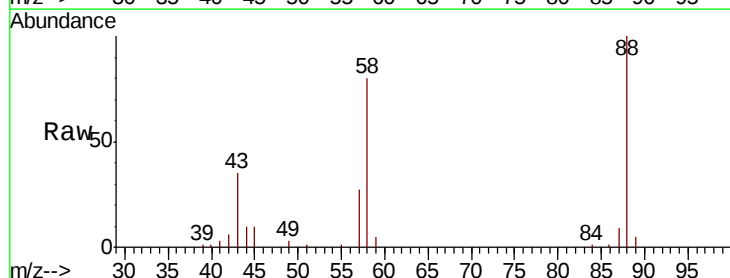
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



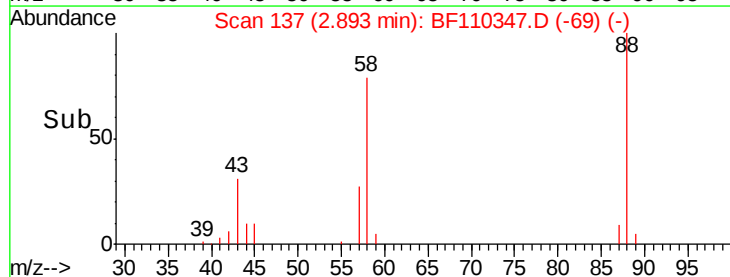
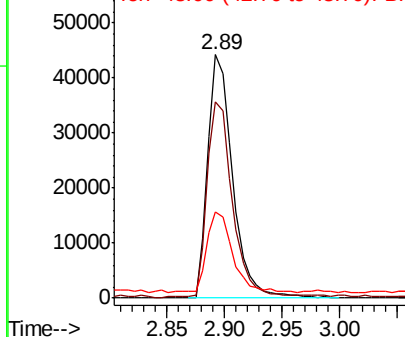
#2

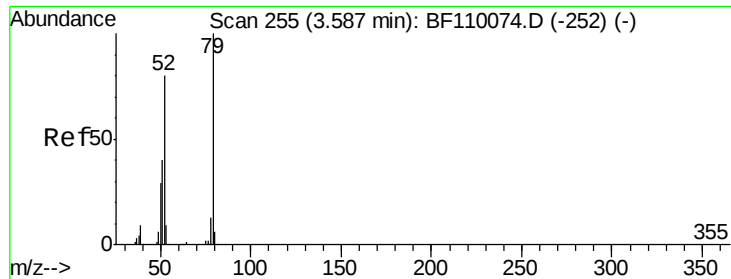
1,4-Dioxane
Concen: 23.128 ng
RT: 2.89 min Scan# 137
Delta R.T. 0.10 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion: 88 Resp: 66484
Ion Ratio Lower Upper
88 100
58 84.2 57.1 85.7
43 33.3 24.1 36.1



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





#3

Pvridine

Concen: 30.551 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.08 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

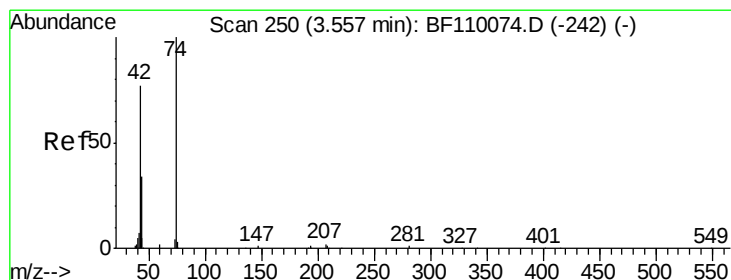
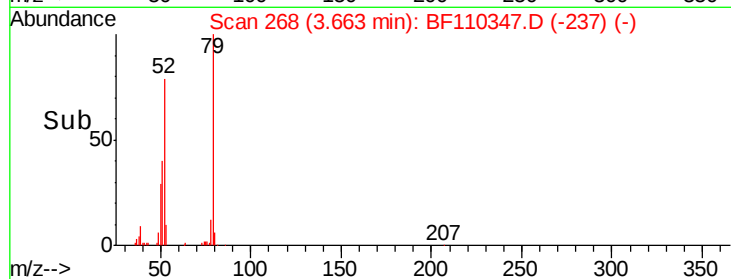
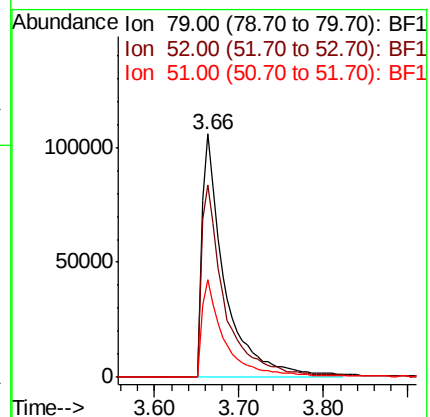
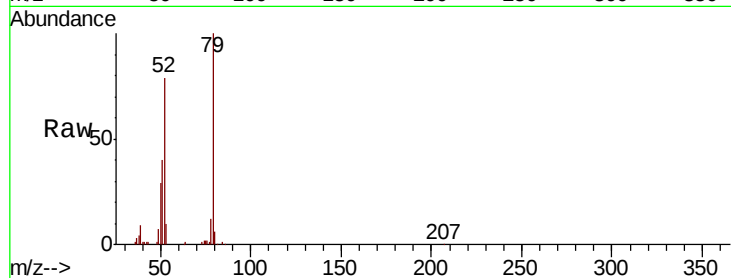
Tot Ion: 79 Resp: 195610

Ion Ratio Lower Upper

79 100

52 79.0 53.1 79.7

51 40.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 37.169 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.07 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

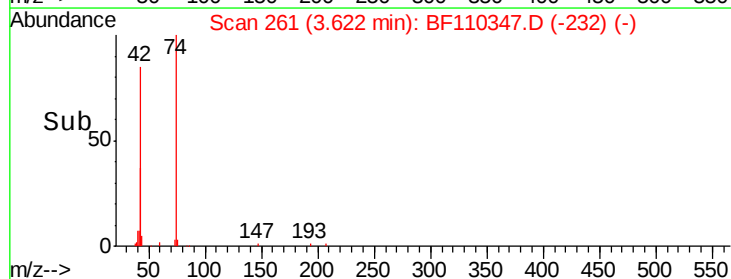
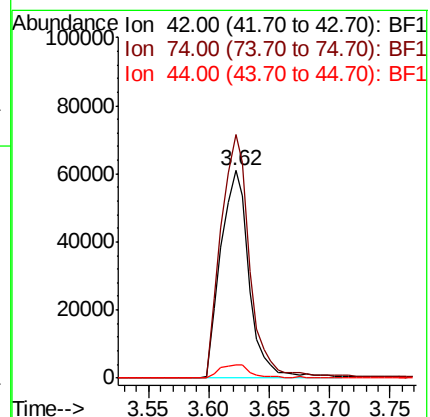
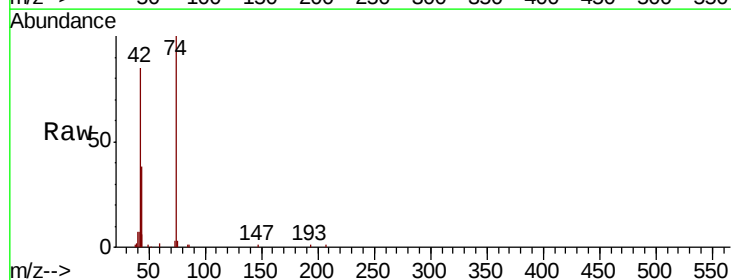
Tgt Ion: 42 Resp: 99705

Ion Ratio Lower Upper

42 100

74 117.4 105.5 158.3

44 6.6 4.9 7.3





#5

2-Fluorophenol

Concen: 70.926 ng

RT: 5.60 min Scan# 598

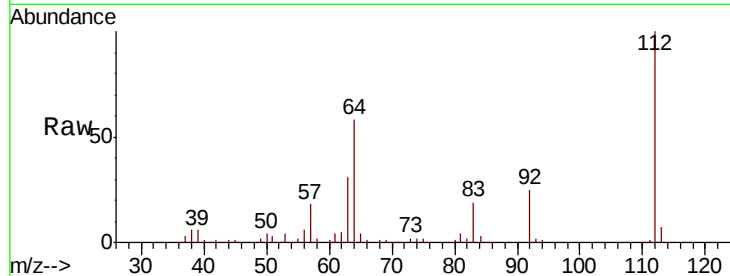
Delta R.T. 0.01 min

Lab File: BF110347.D

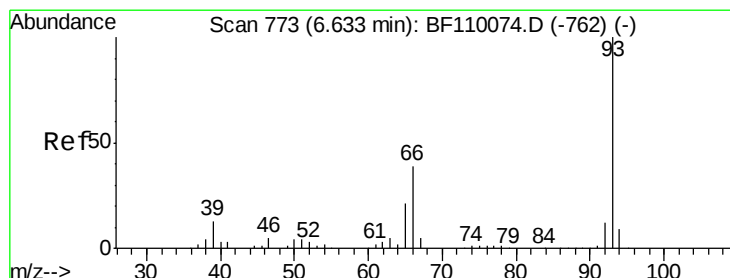
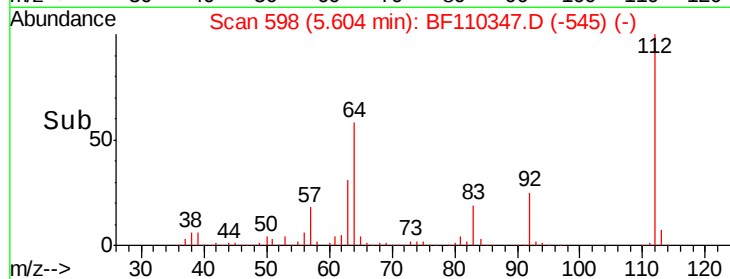
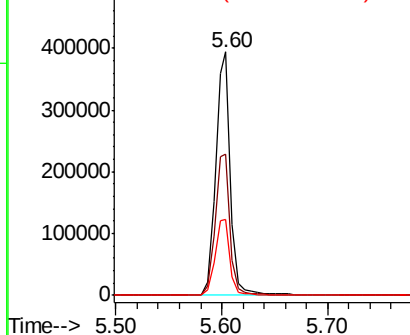
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	389153
Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	31.0	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: 15.259 ng

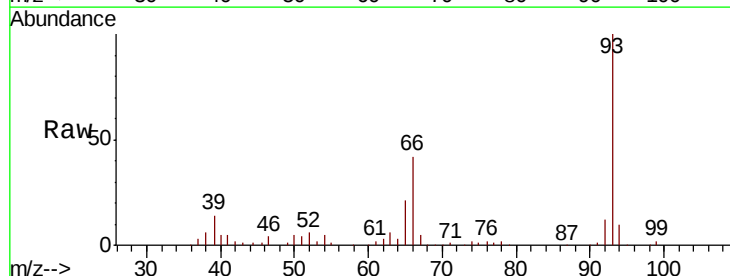
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

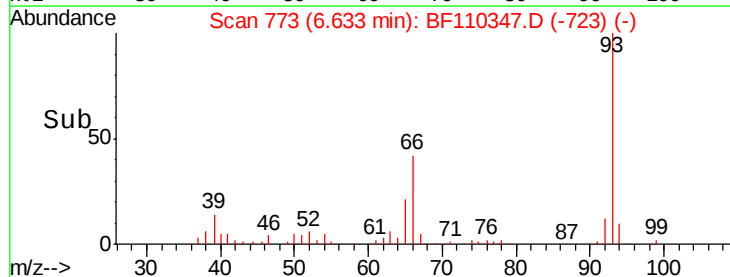
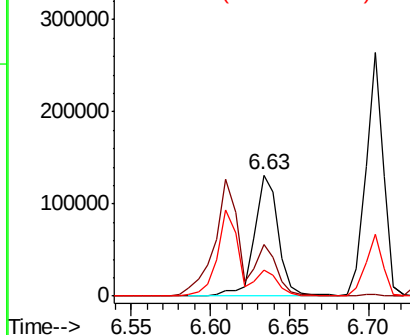
Lab File: BF110347.D

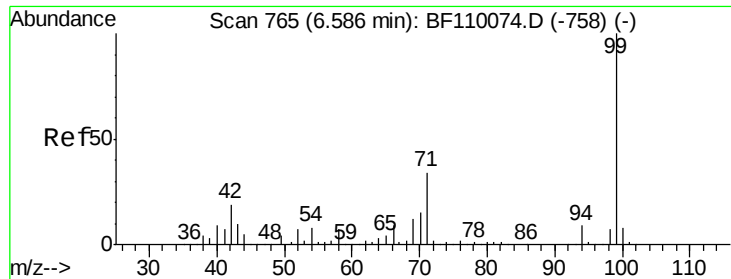
Acq: 31 Oct 2018 21:50

Tgt Ion:	93	Resp:	139497
Ion	Ratio	Lower	Upper
93	100		
66	42.1	67.4	101.0#
65	21.1	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: 69.580 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

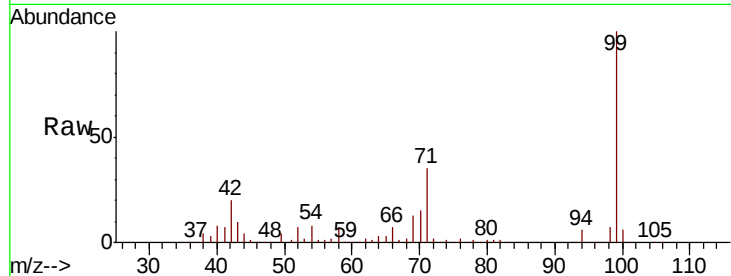
Tot Ion: 99 Resp: 488313

Ion Ratio Lower Upper

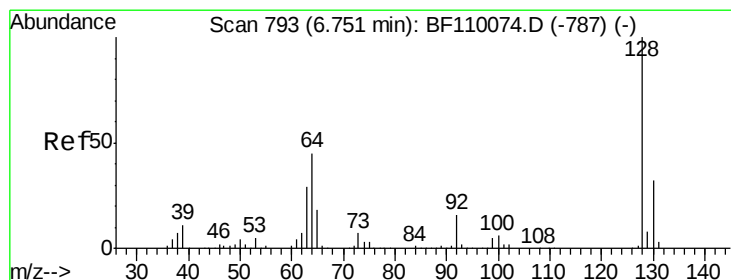
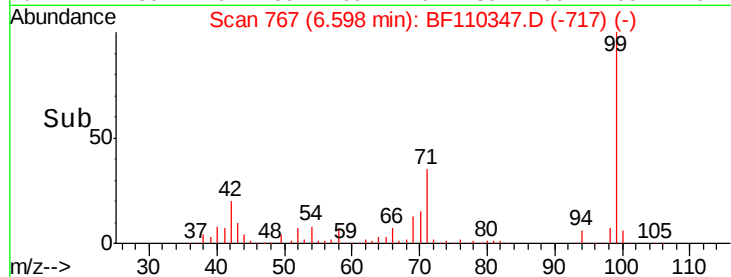
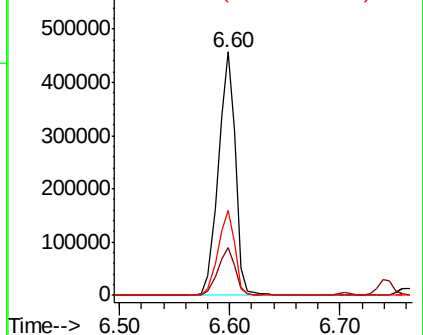
99 100

42 19.6 15.8 23.6

71 35.0 28.0 42.0



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



#8

2-Chlorophenol

Concen: 36.509 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

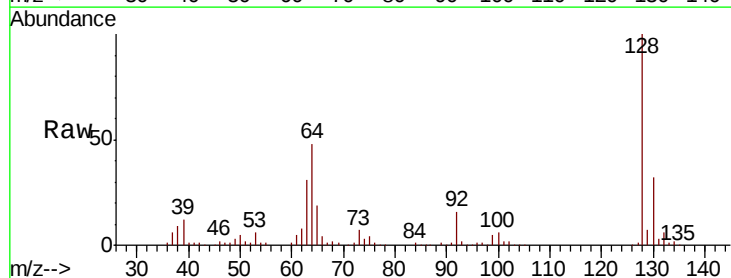
Tgt Ion: 128 Resp: 230946

Ion Ratio Lower Upper

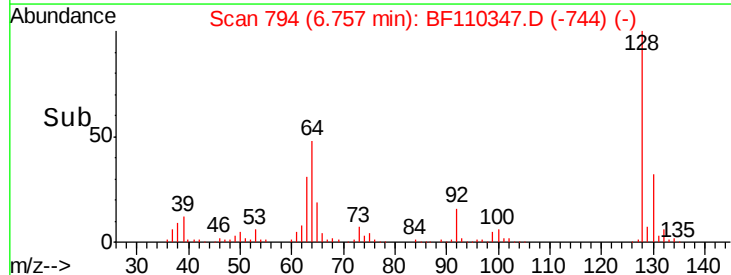
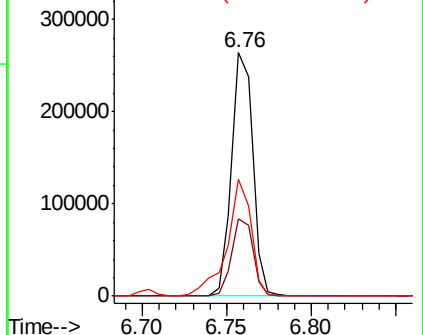
128 100

130 31.8 13.1 53.1

64 48.1 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: 39.216 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

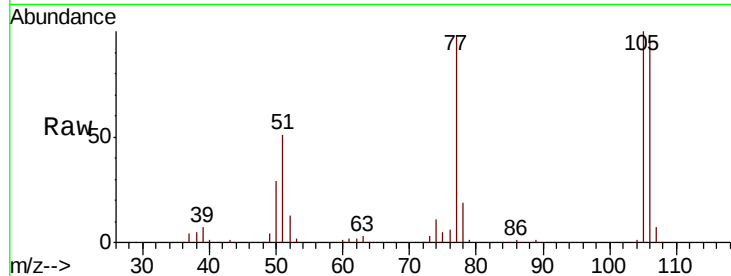
Tot Ion: 77 Resp: 160733

Ion Ratio Lower Upper

77 100

105 101.7 78.6 118.6

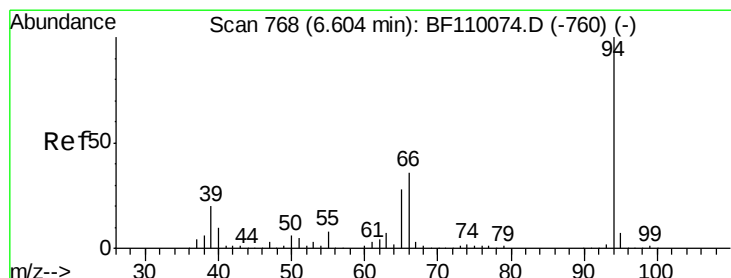
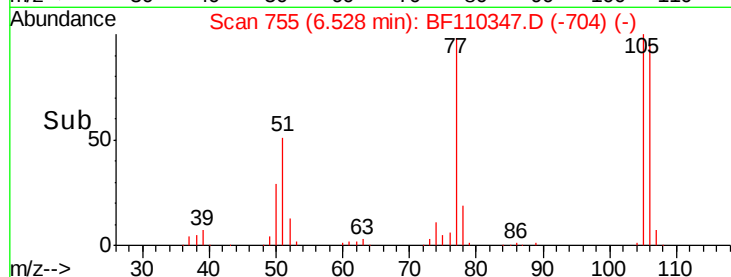
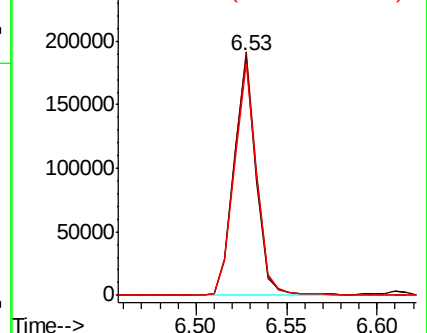
106 97.2 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.577 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

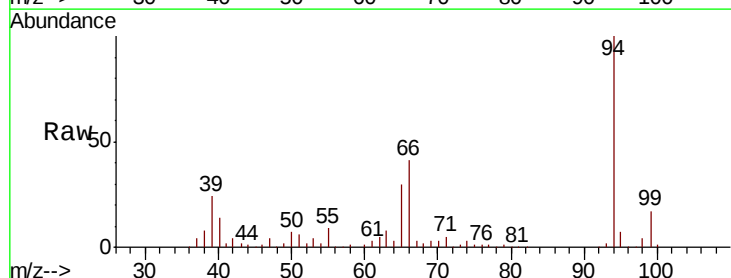
Tgt Ion: 94 Resp: 274386

Ion Ratio Lower Upper

94 100

65 30.5 25.3 65.3

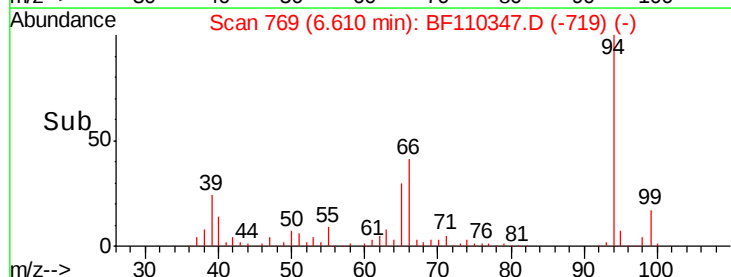
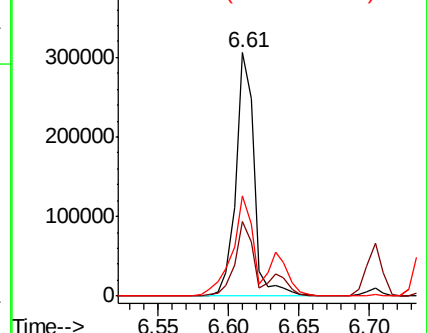
66 41.3 54.5 94.5#

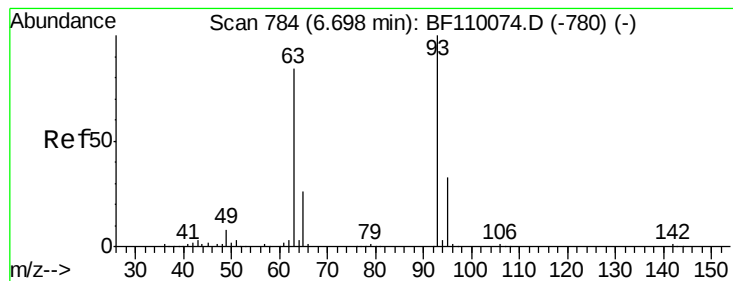


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

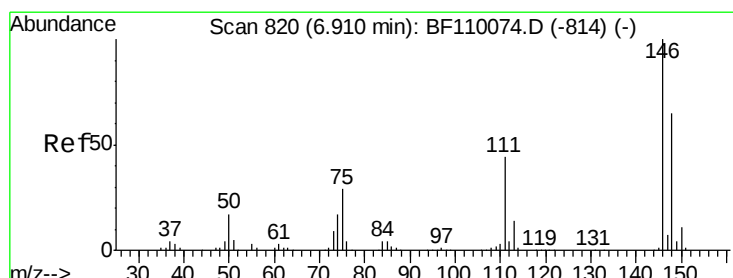
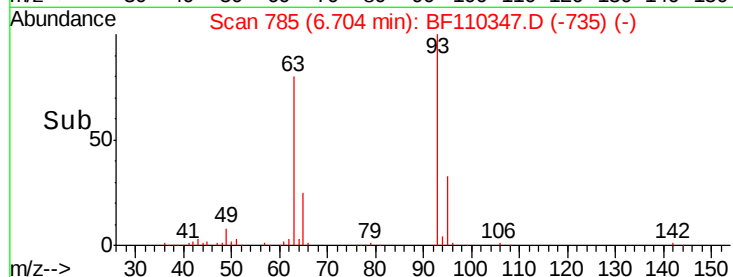
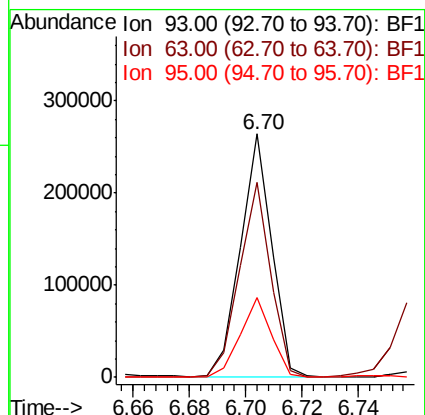
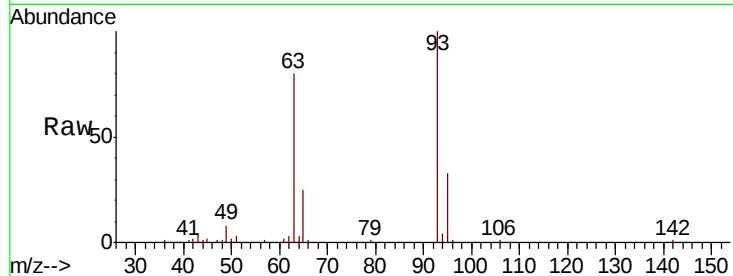




#11
bis(2-Chloroethyl)ether
Concen: 32.746 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

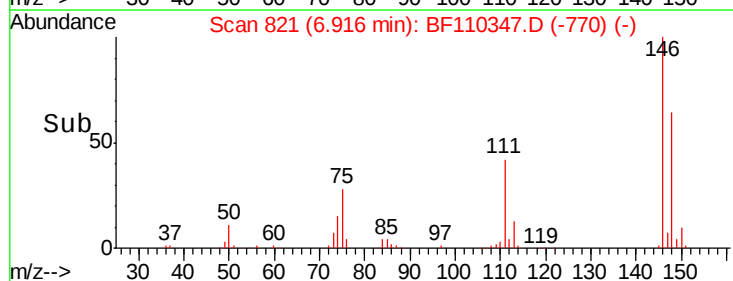
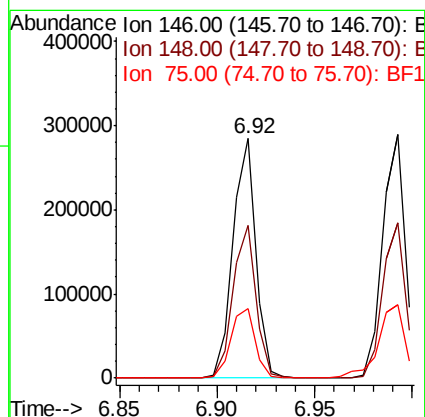
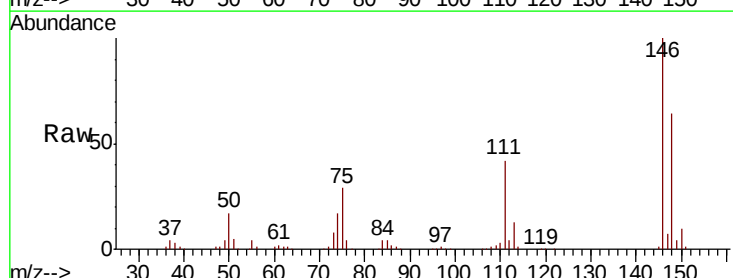
Instrument :
BNA_F
ClientSampleId :

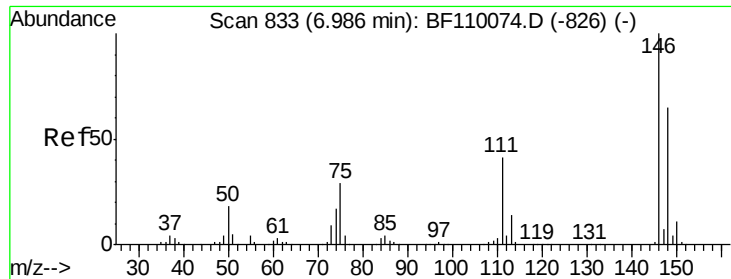
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.0	53.4	93.4
95	32.7	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 33.370 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
75	29.1	25.8	38.6

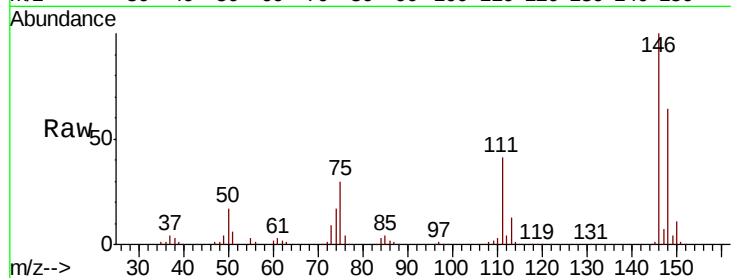




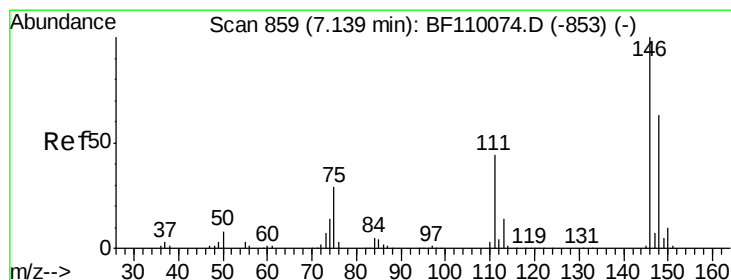
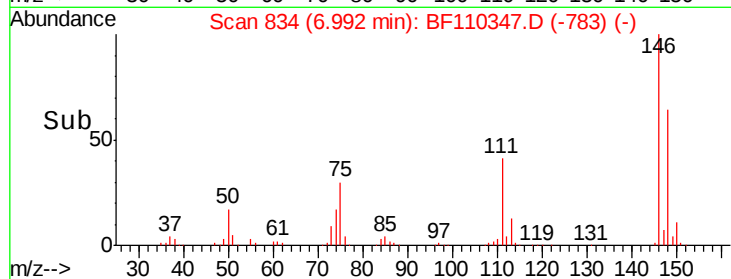
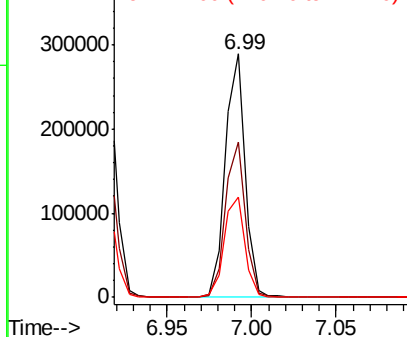
#13
 1,4-Dichlorobenzene
 Concen: 33.488 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 235776
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.3 75.5
 111 40.9 32.7 49.1

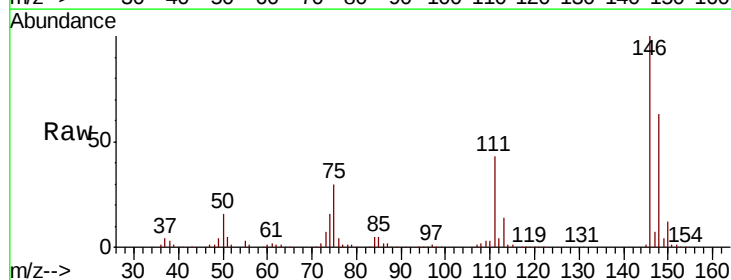


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

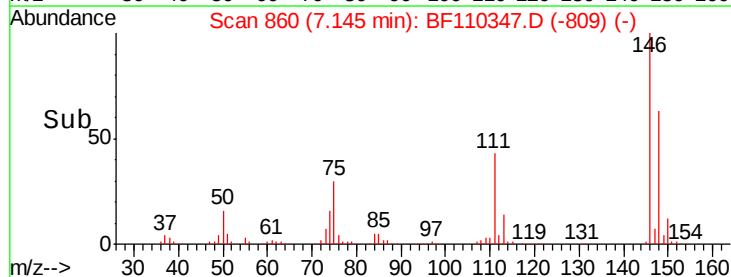
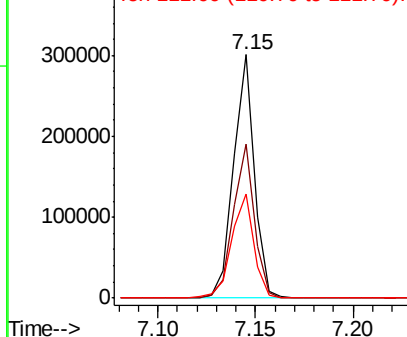


#14
 1,2-Dichlorobenzene
 Concen: 34.036 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion:146 Resp: 222455
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 42.9 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 36.039 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

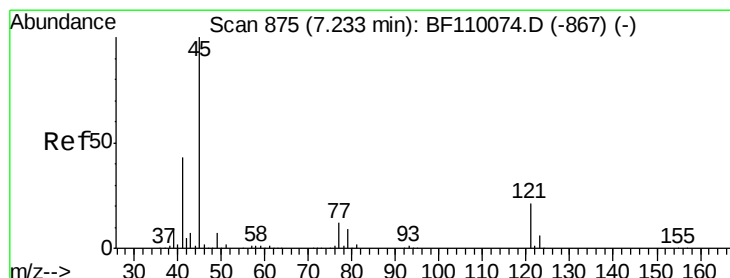
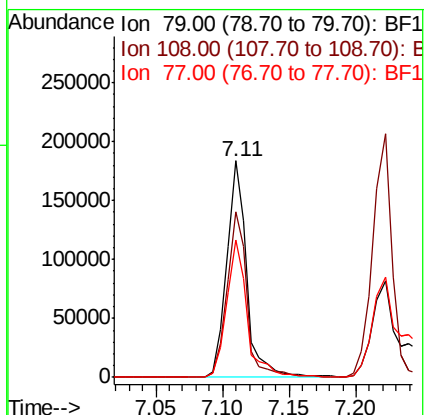
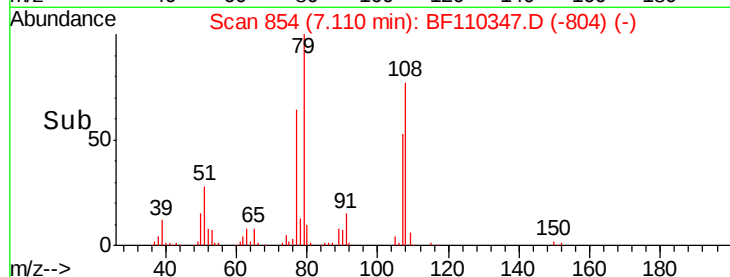
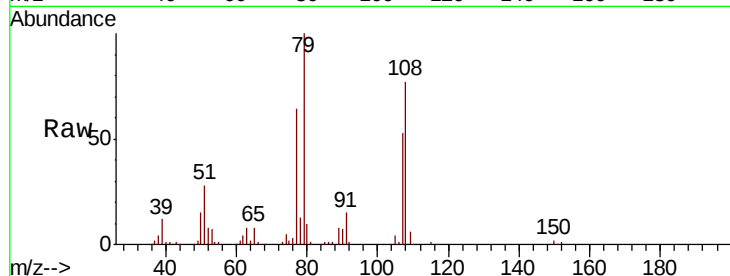
Tot Ion: 79 Resp: 194526

Ion Ratio Lower Upper

79 100

108 76.6 56.3 84.5

77 63.6 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.989 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

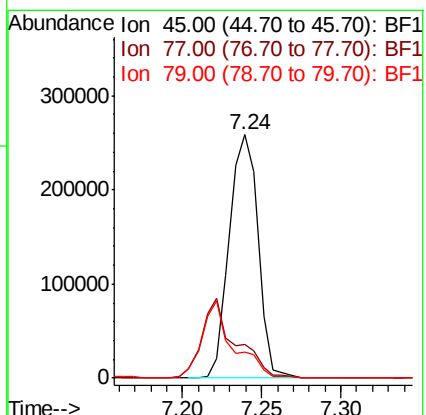
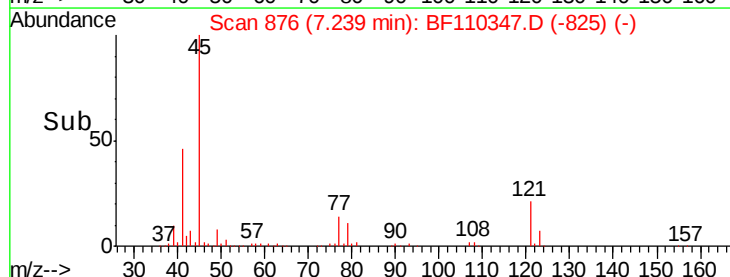
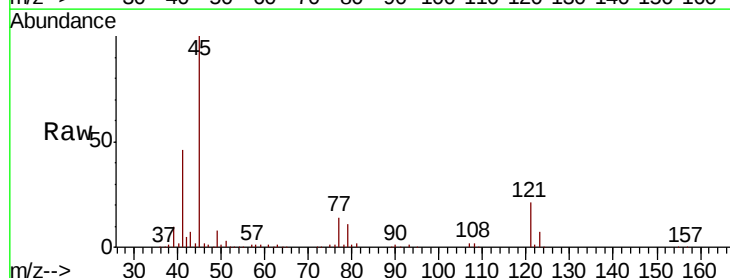
Tgt Ion: 45 Resp: 325531

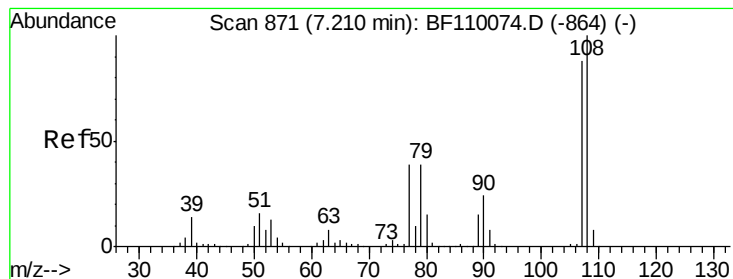
Ion Ratio Lower Upper

45 100

77 14.0 10.0 50.0

79 10.9 6.1 46.1

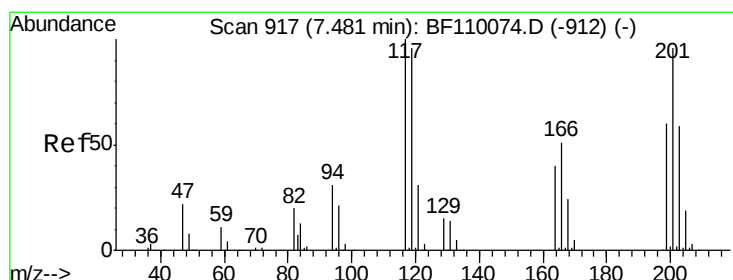
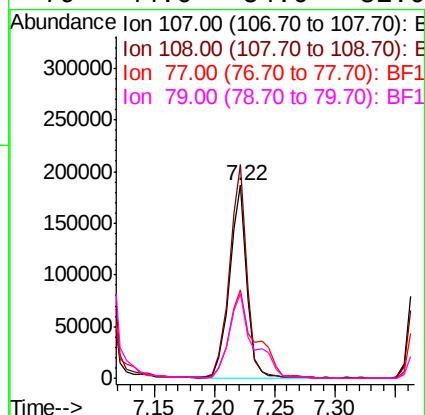
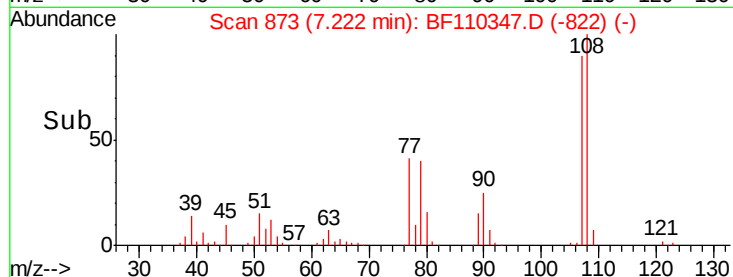
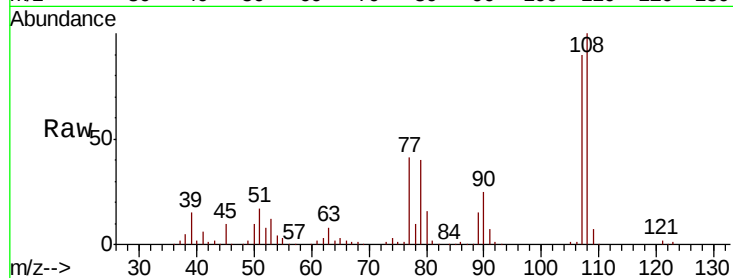




#17
2-Methylphenol
Concen: 36.514 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

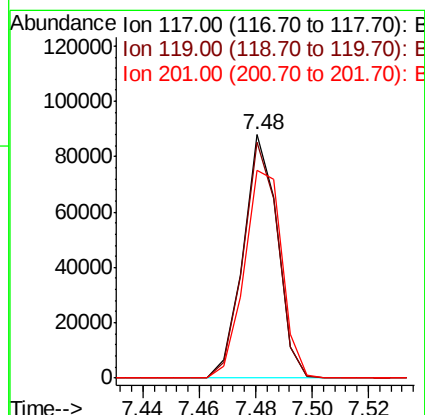
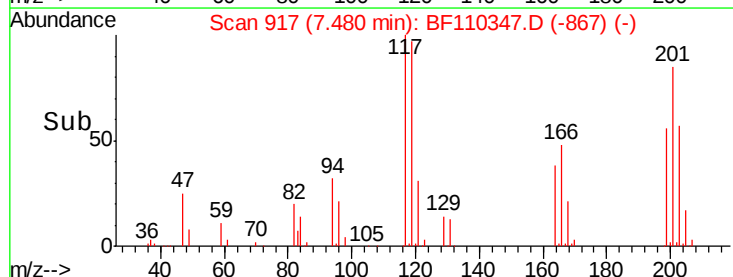
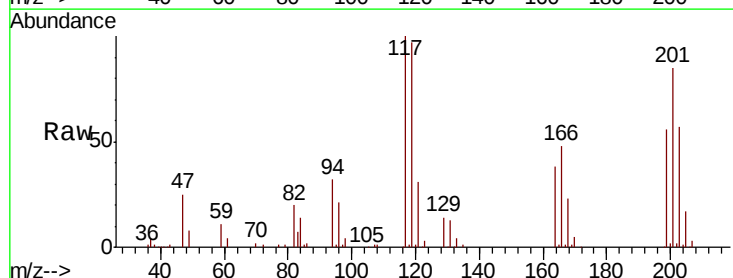
Instrument :
BNA_F
ClientSampleId :

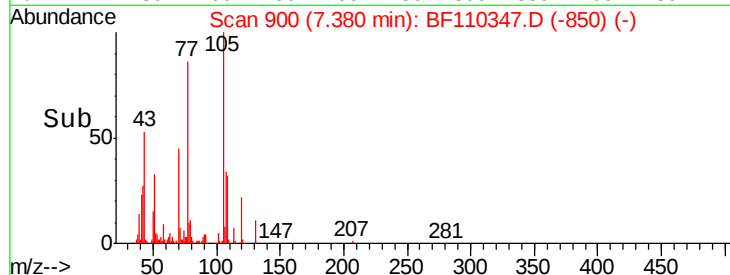
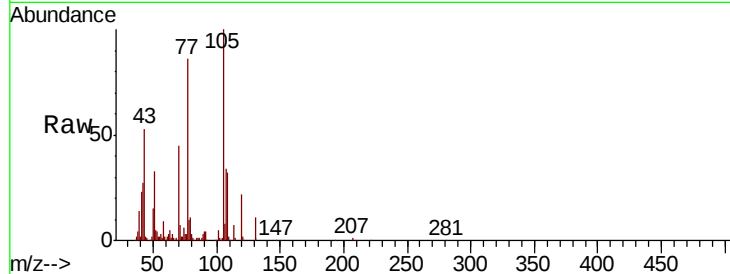
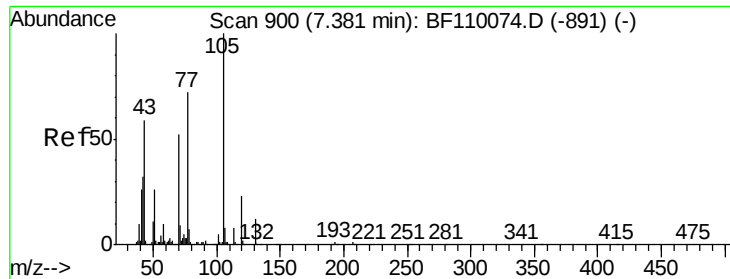
Tot Ion:107 Resp: 184083
Ion Ratio Lower Upper
107 100
108 110.8 92.6 138.8
77 45.7 59.4 89.2#
79 44.0 54.0 81.0#



#18
Hexachloroethane
Concen: 28.690 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion:117 Resp: 73953
Ion Ratio Lower Upper
117 100
119 96.7 75.0 112.6
201 85.4 79.2 118.8

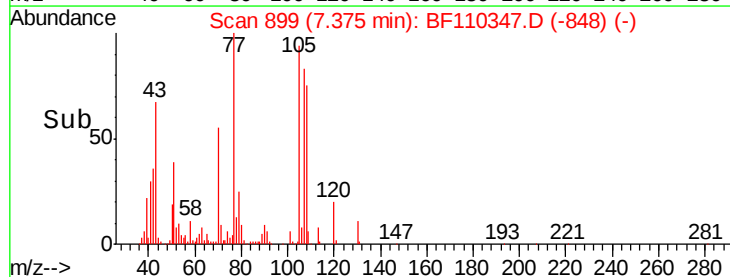
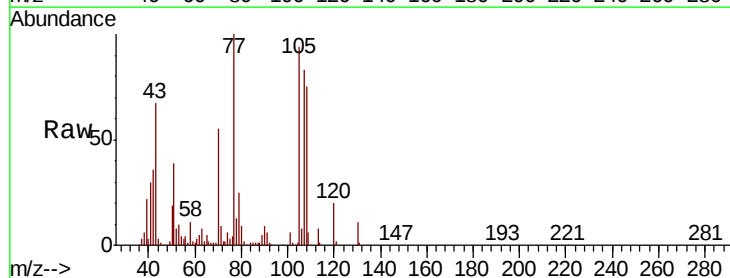
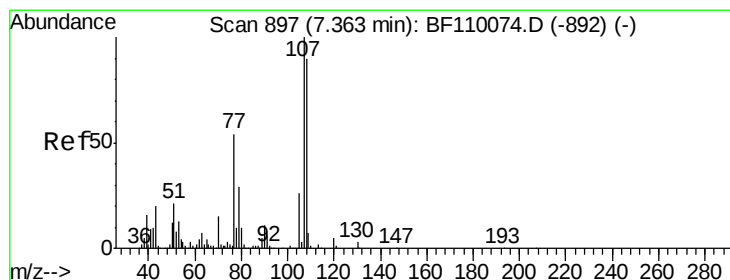
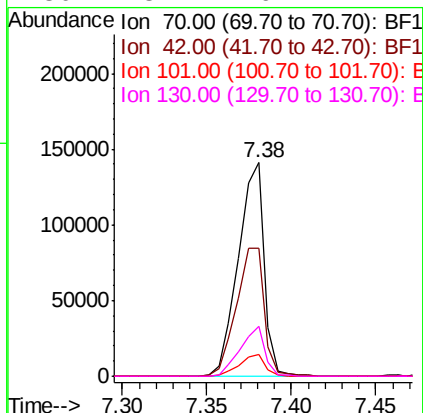




#19
n-Nitroso-di-n-propylamine
Concen: 33.668 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

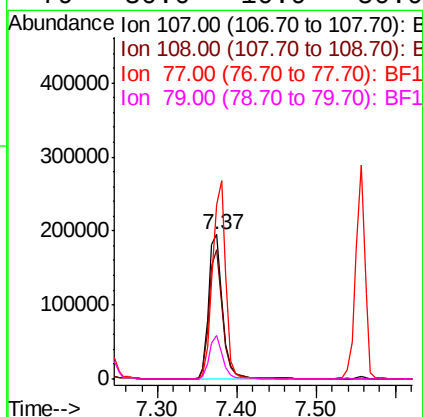
Instrument :
BNA_F
ClientSampleId :

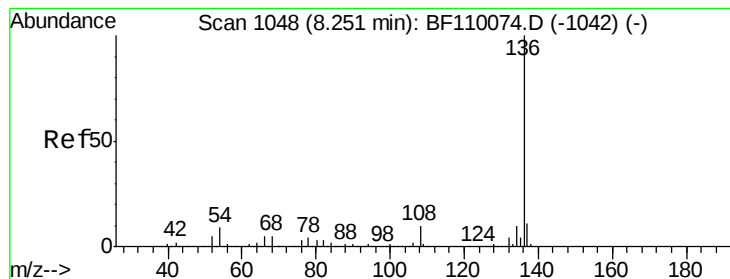
Tot Ion: 70 Resp: 151585
Ion Ratio Lower Upper
70 100
42 60.2 47.4 71.2
101 10.0 7.3 10.9
130 23.1 16.2 24.2



#20
3+4-Methylphenols
Concen: 36.104 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion:107 Resp: 235273
Ion Ratio Lower Upper
107 100
108 89.7 71.4 111.4
77 120.1 47.3 87.3#
79 30.0 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 362577

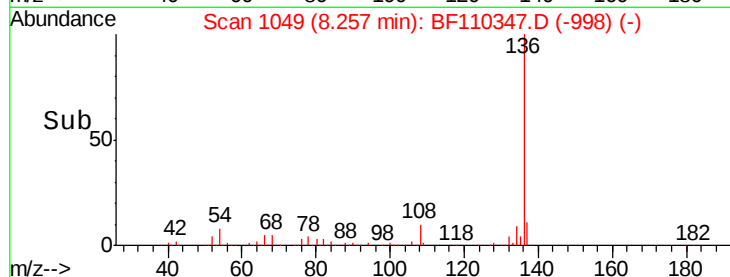
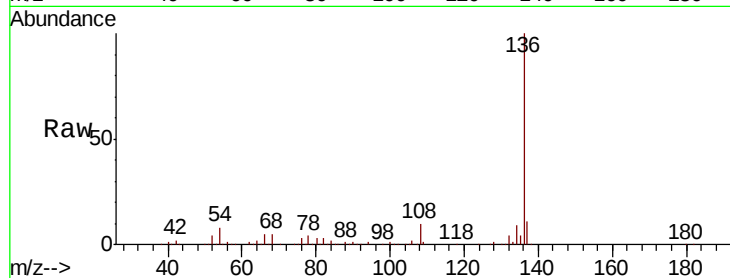
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.3 5.4 8.2#

68 5.2 4.2 6.2

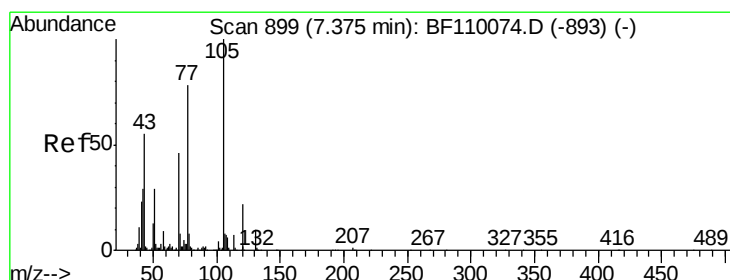
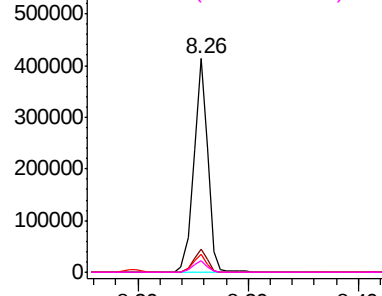


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.556 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Tgt Ion:105 Resp: 305410

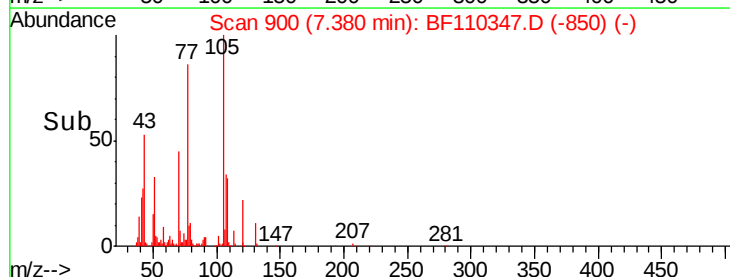
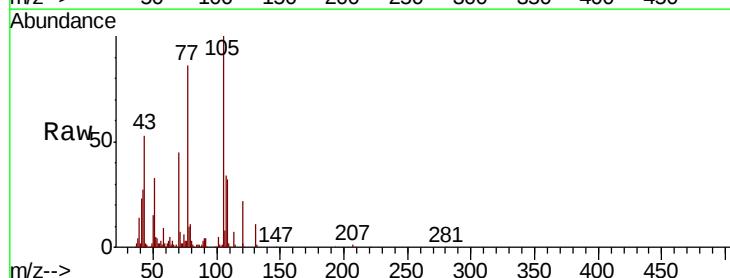
Ion Ratio Lower Upper

105 100

71 7.5 5.2 7.8

51 32.9 21.8 32.8#

120 22.1 17.0 25.4

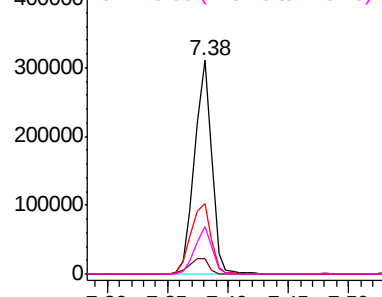


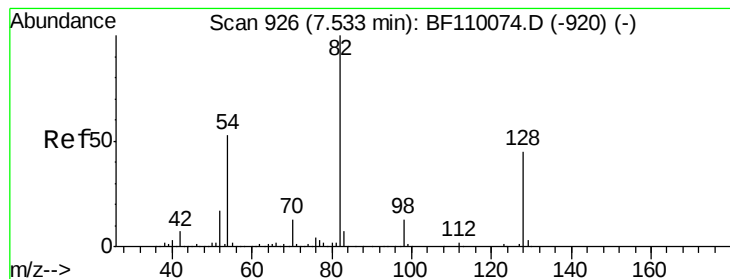
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 72.812 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampled :

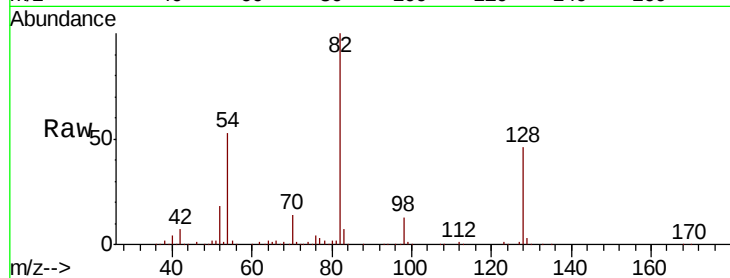
Tot Ion: 82 Resp: 445097

Ion Ratio Lower Upper

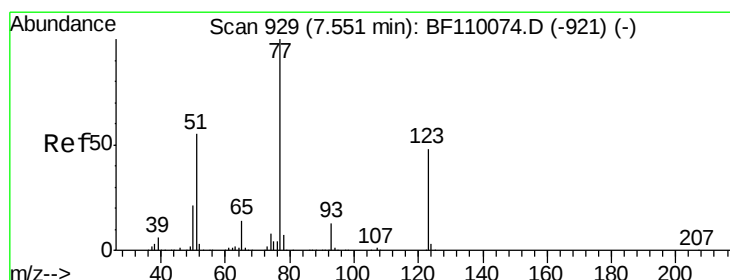
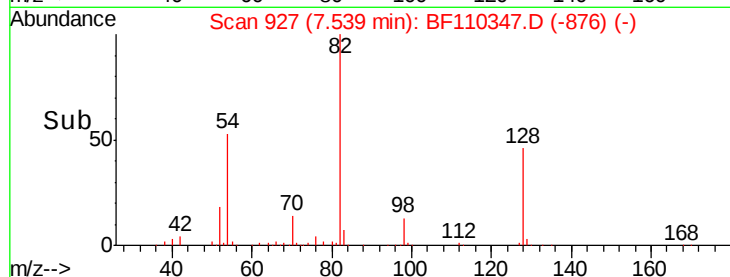
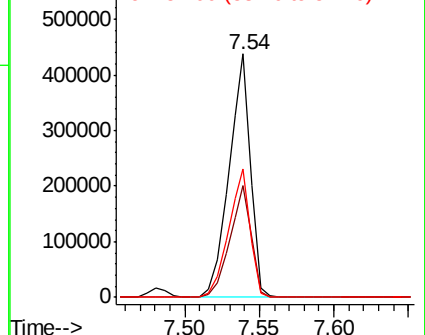
82 100

128 45.8 34.2 51.2

54 52.6 38.6 58.0



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



#24

Nitrobenzene

Concen: 36.576 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

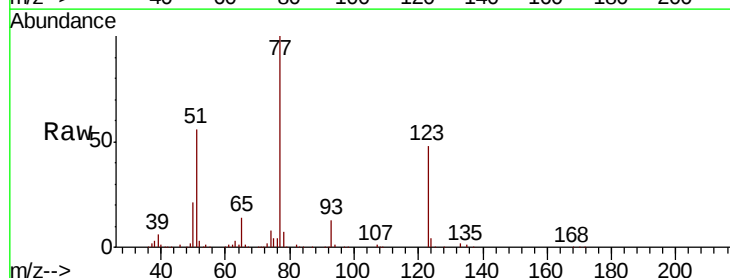
Tgt Ion: 77 Resp: 230837

Ion Ratio Lower Upper

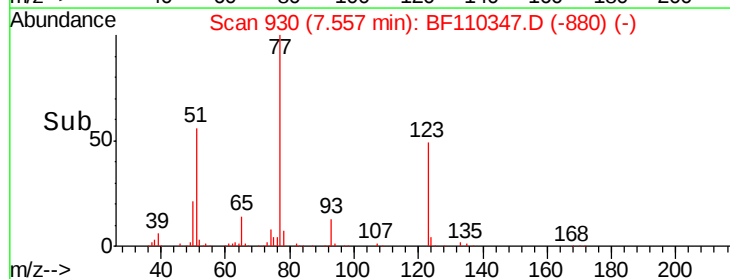
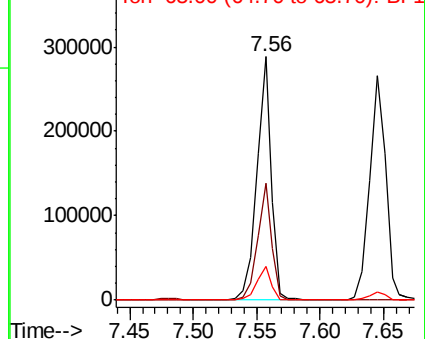
77 100

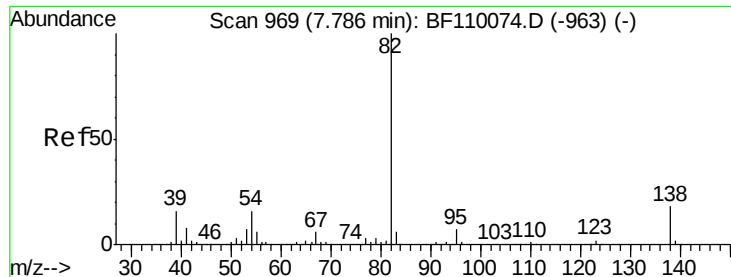
123 48.2 35.7 53.5

65 14.1 10.7 16.1



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

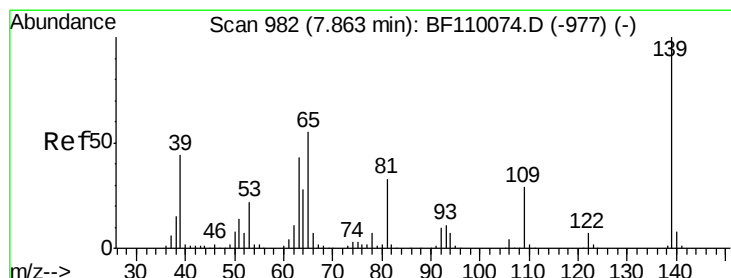
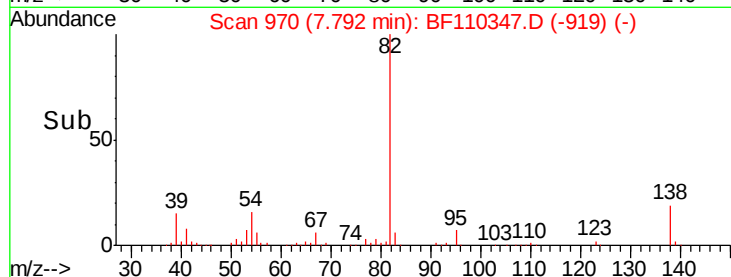
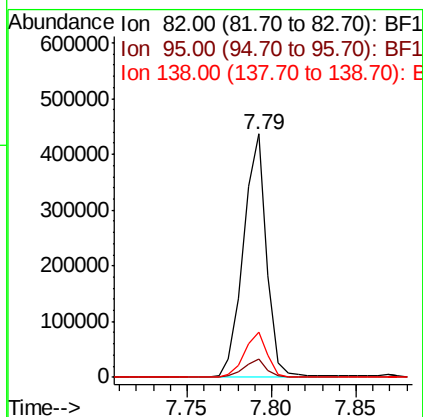
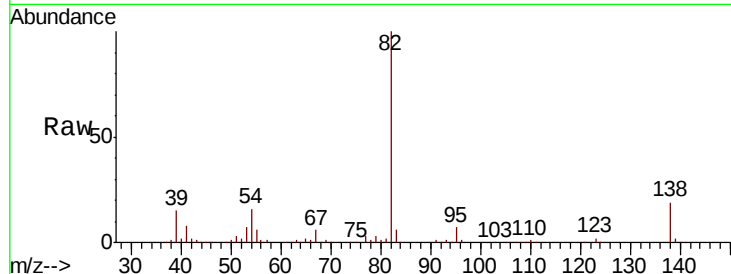




#25
Isophorone
Concen: 40.267 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

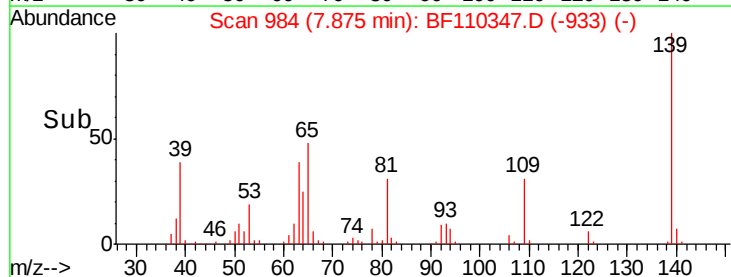
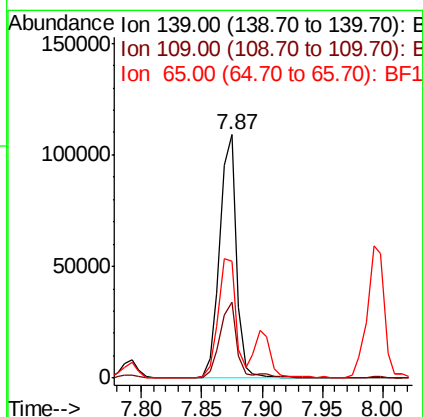
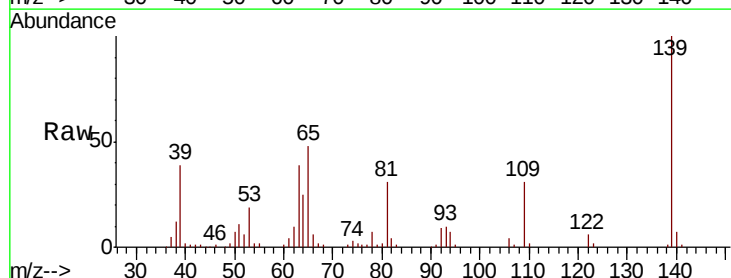
Instrument :
BNA_F
ClientSampleId :

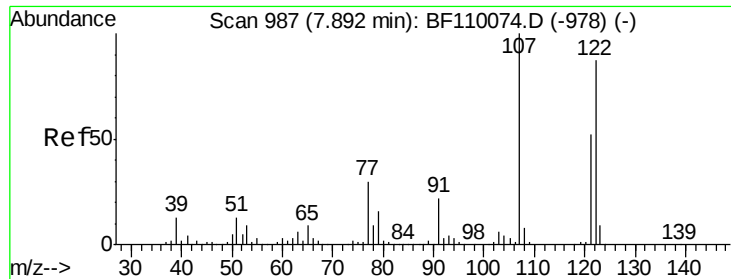
Tot Ion: 82 Resp: 419584
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 18.5 13.2 19.8



#26
2-Nitrophenol
Concen: 34.796 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion: 139 Resp: 104500
Ion Ratio Lower Upper
139 100
109 31.0 25.0 37.6
65 48.2 44.0 66.0

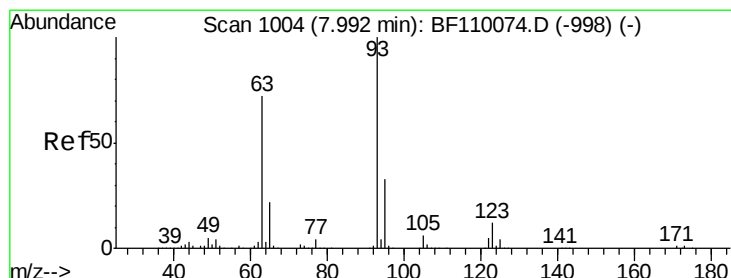
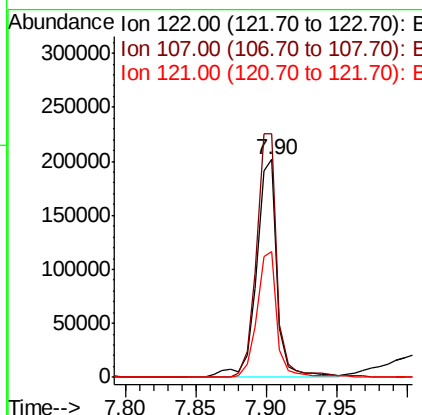
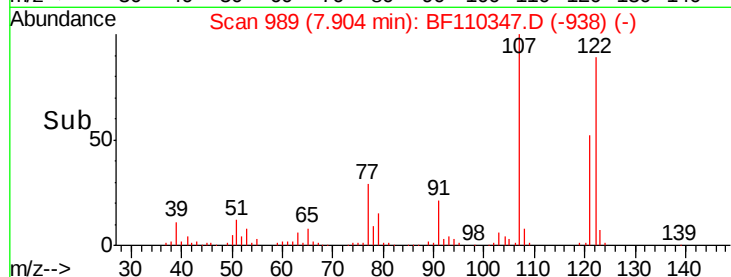
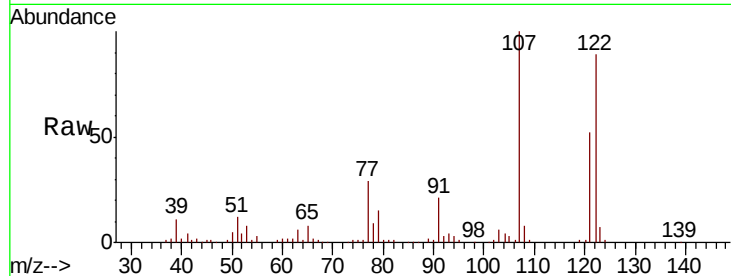




#27
2,4-Dimethylphenol
Concen: 42.124 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

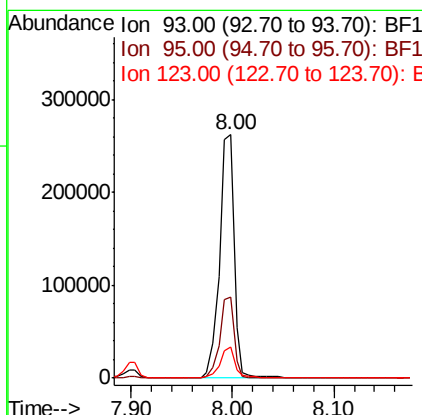
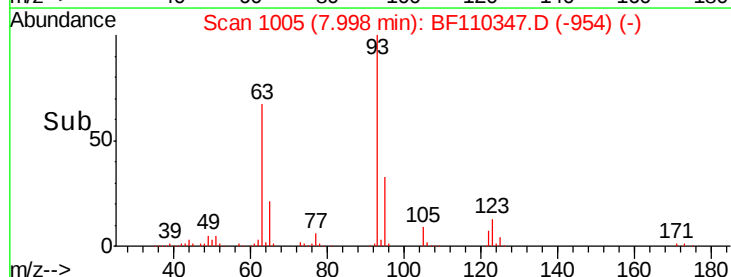
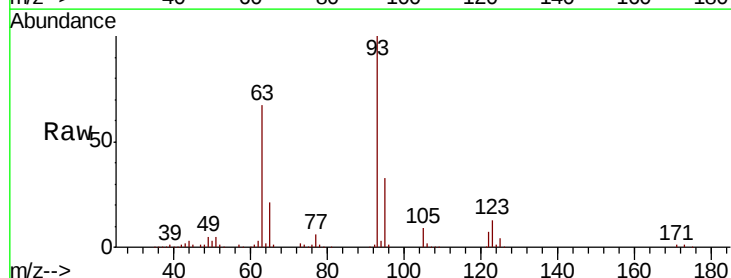
Instrument :
BNA_F
ClientSampleId :

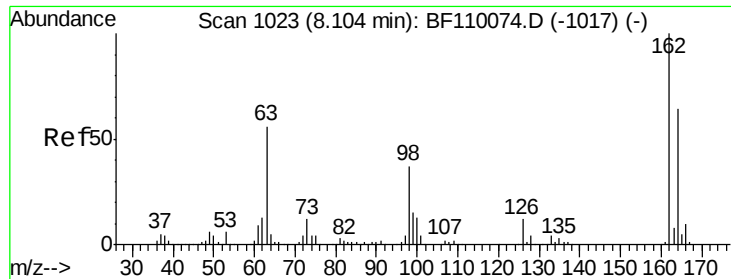
Tot Ion:122 Resp: 209744
Ion Ratio Lower Upper
122 100
107 111.9 92.5 138.7
121 57.7 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 37.338 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion: 93 Resp: 264304
Ion Ratio Lower Upper
93 100
95 33.3 26.4 39.6
123 12.8 9.0 13.6

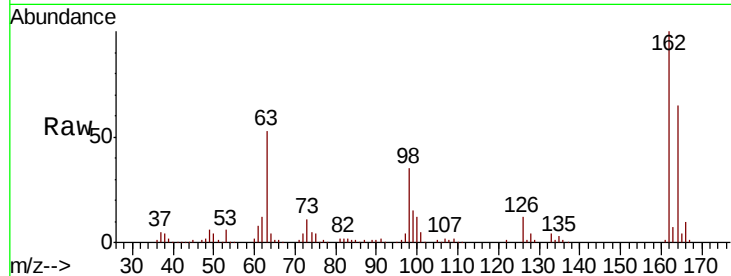




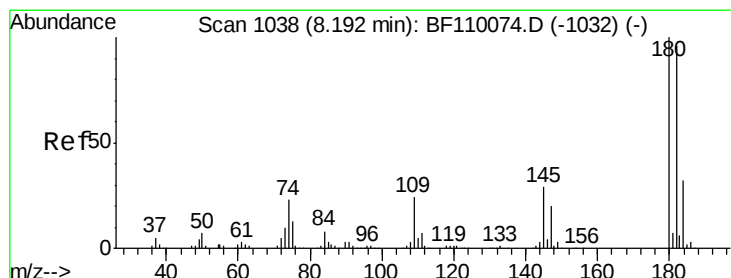
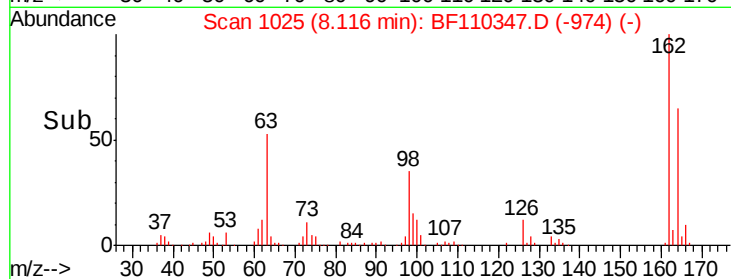
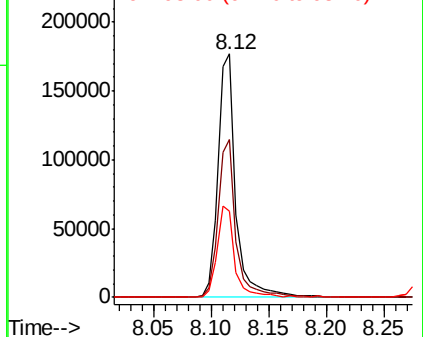
#29
 2,4-Dichlorophenol
 Concen: 37.680 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	35.2	17.4	57.4

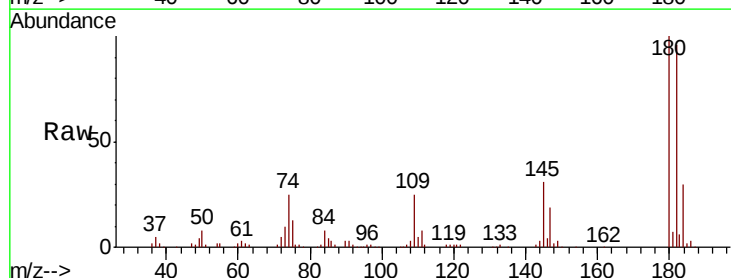


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

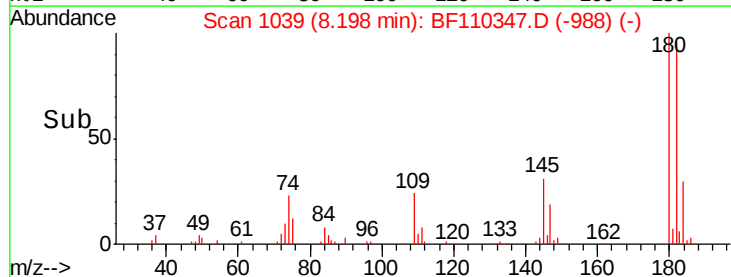
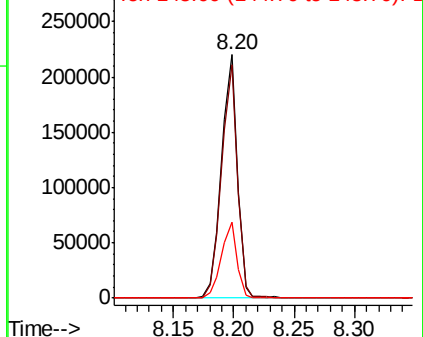


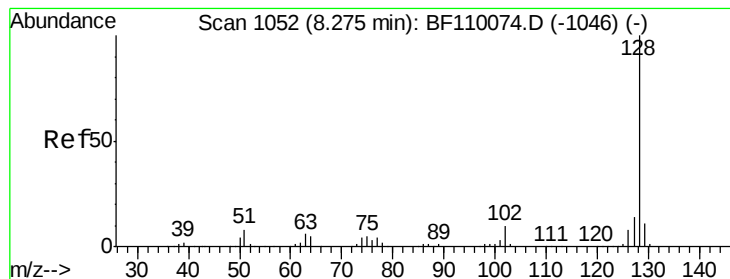
#30
 1,2,4-Trichlorobenzene
 Concen: 35.735 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	80.3	120.5
145	31.1	25.4	38.0



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





#31

Naphthalene

Concen: 38.841 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

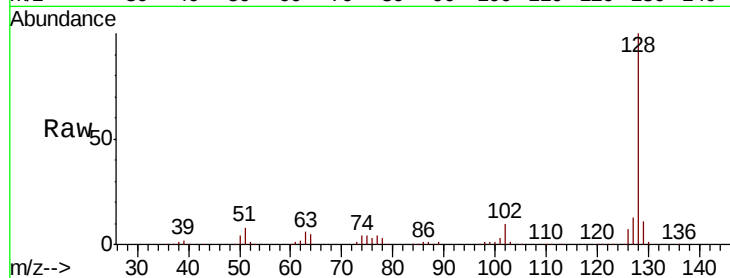
Tot Ion:128 Resp: 649069

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

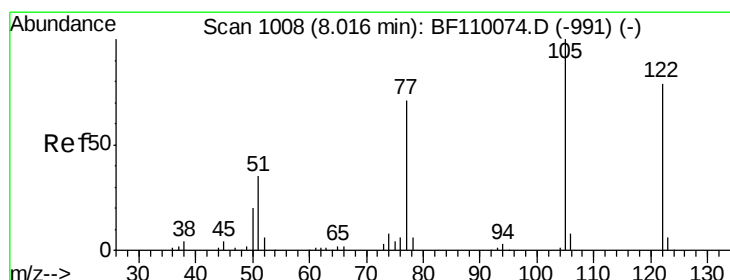
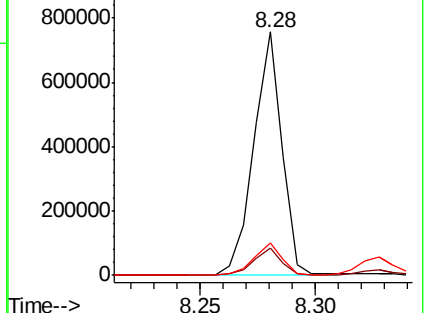
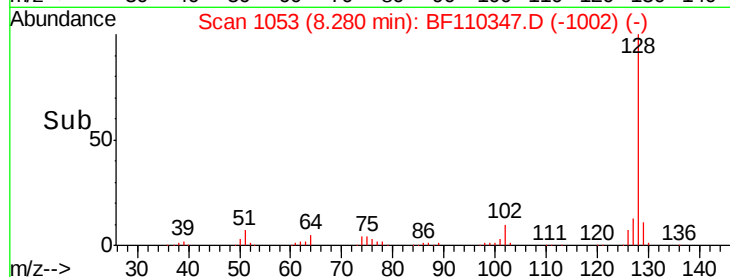
127 13.1 10.8 16.2



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: 18.879 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

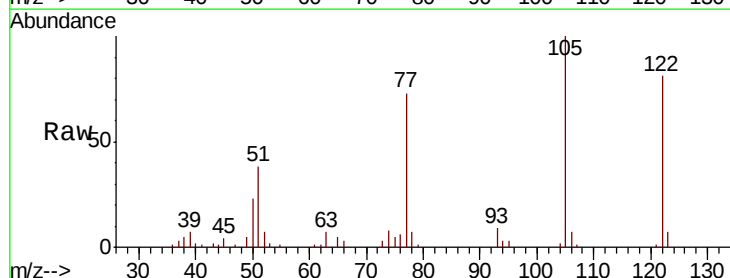
Tgt Ion:122 Resp: 72655

Ion Ratio Lower Upper

122 100

105 124.1 109.0 149.0

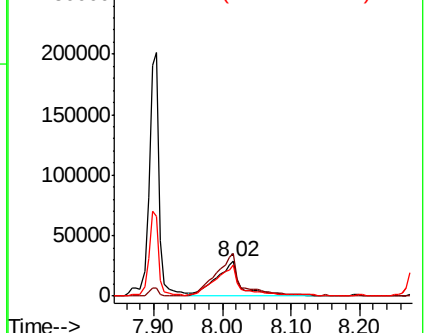
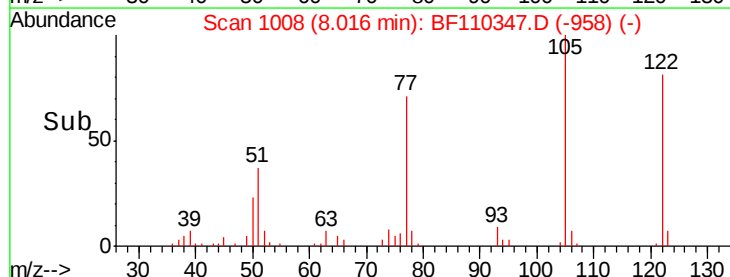
77 91.1 79.0 119.0



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

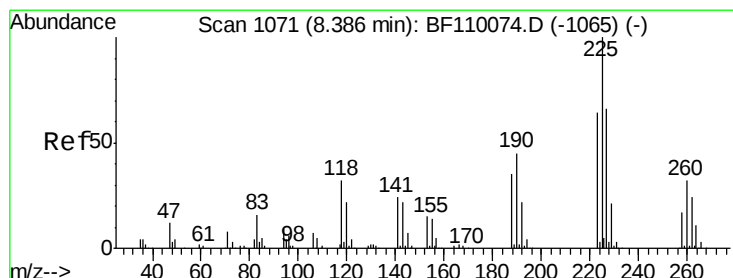
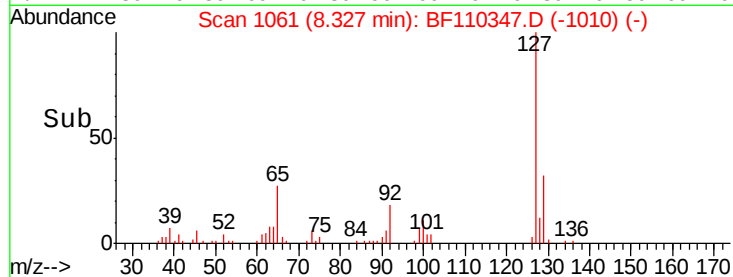
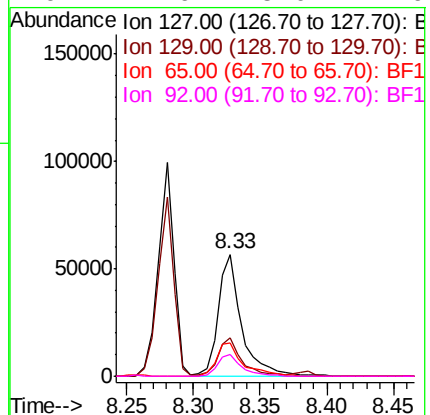
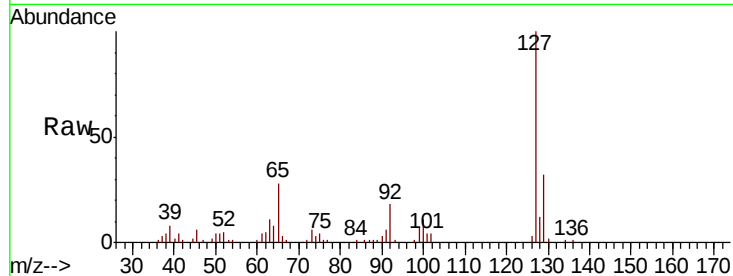




#33
4-Chloroaniline
Concen: 9.312 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

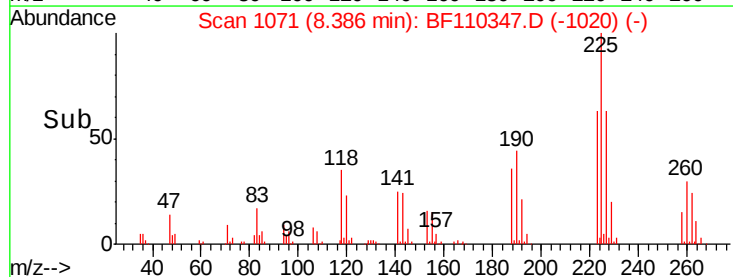
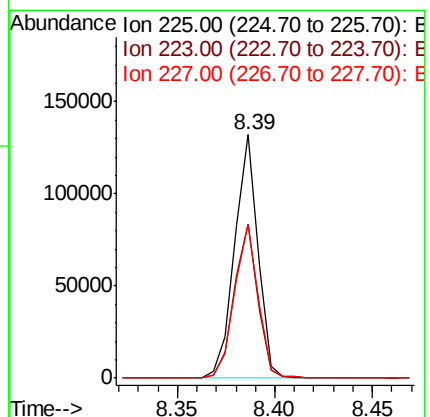
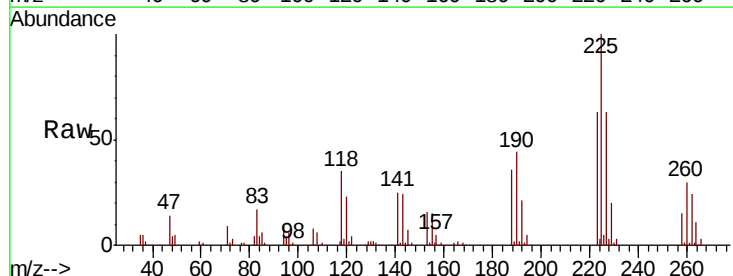
Instrument :
BNA_F
ClientSampled :

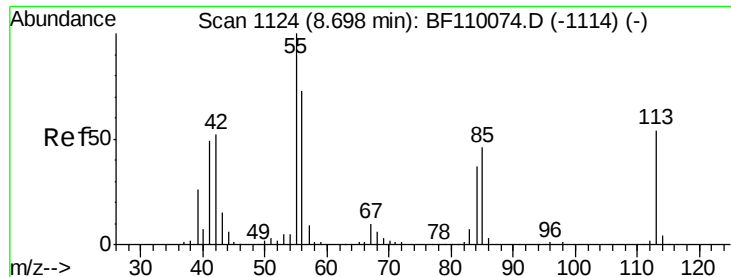
Tot Ion:	127	Resp:	70030
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	27.8	25.1	37.7
92	17.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 35.096 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion:	225	Resp:	109804
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.4	77.2
227	63.4	51.0	76.6

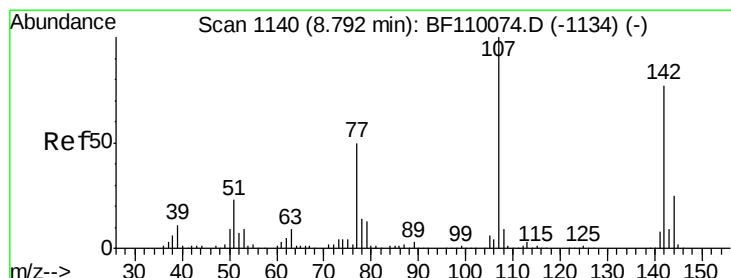
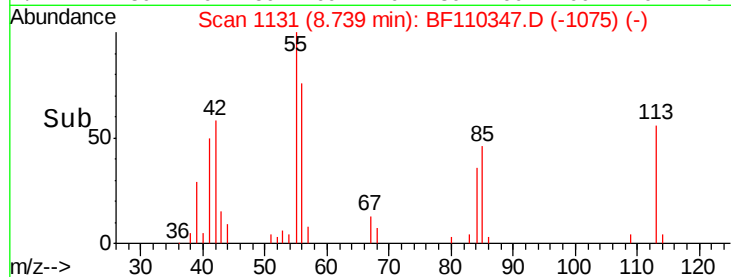
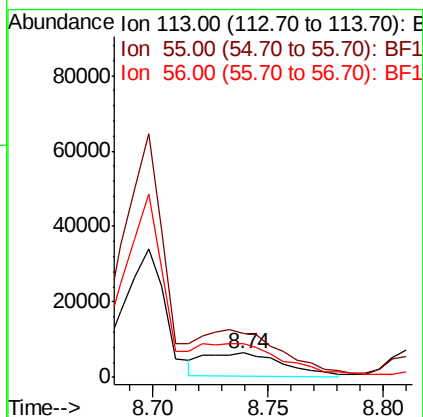
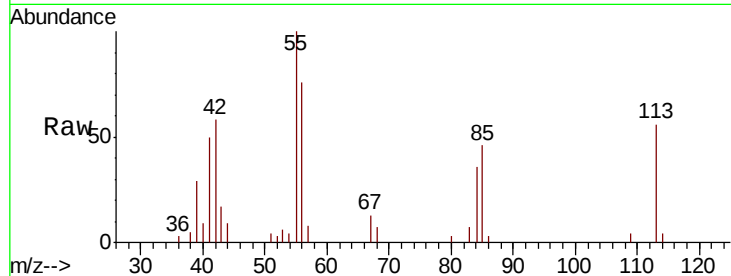




#35
Caprolactam
Concen: 8.527 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.03 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

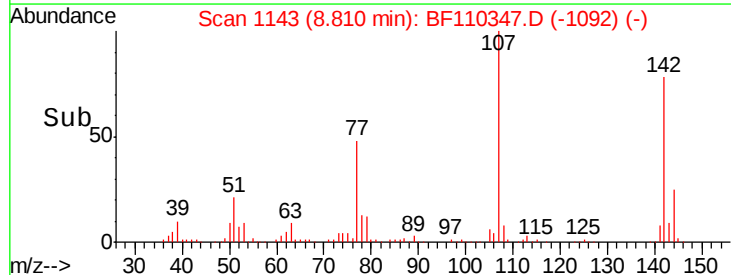
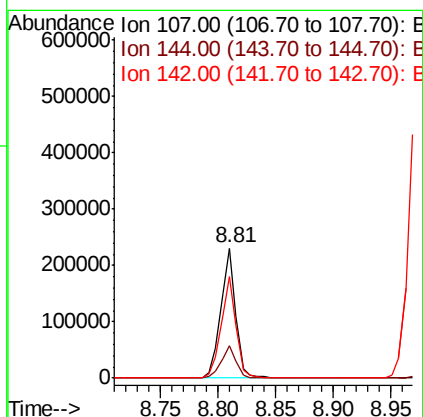
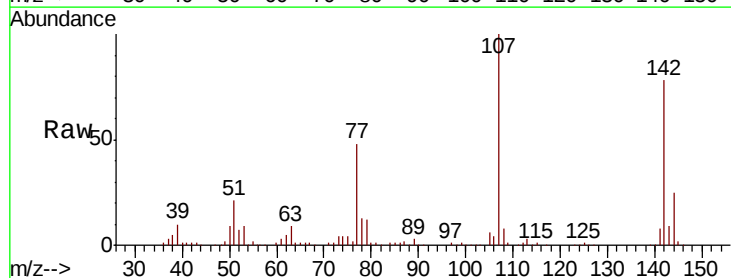
Instrument :
BNA_F
ClientSampleId :

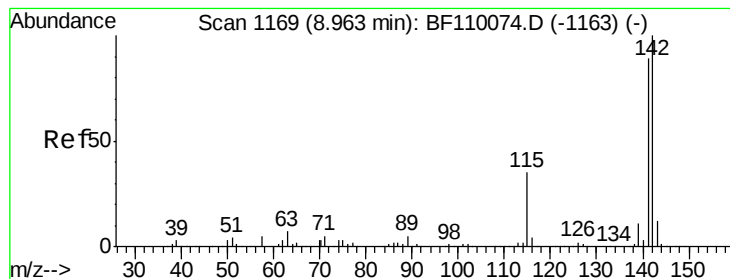
Tot Ion:113 Resp: 14951
Ion Ratio Lower Upper
113 100
55 179.6 142.8 182.8
56 136.5 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 38.133 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion:107 Resp: 207436
Ion Ratio Lower Upper
107 100
144 24.7 20.0 30.0
142 78.4 59.7 89.5





#37

2-Methylnaphthalene

Concen: 40.601 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

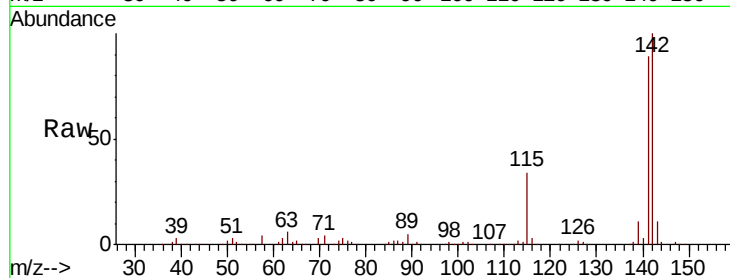
Tot Ion:142 Resp: 448898

Ion Ratio Lower Upper

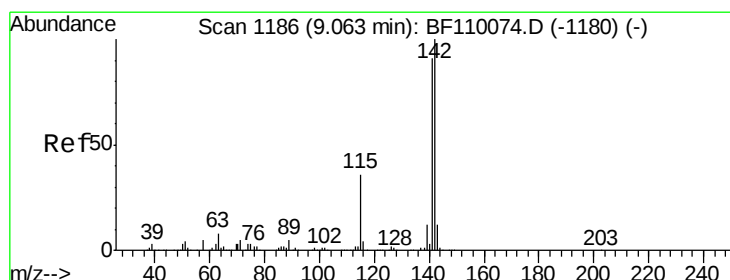
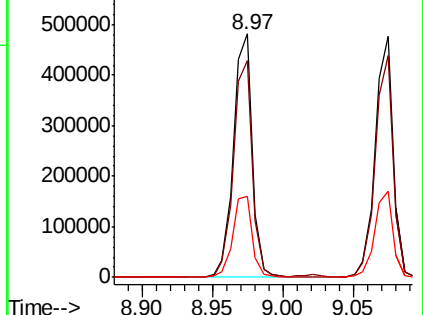
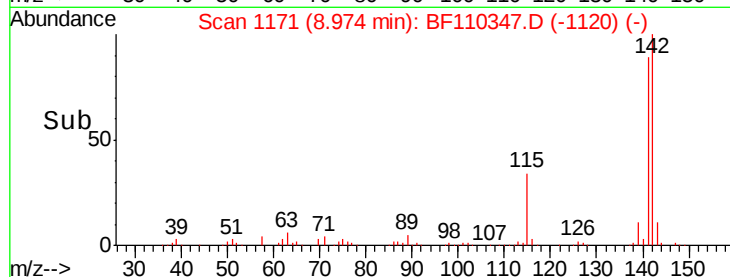
142 100

141 89.1 71.4 107.2

115 33.5 28.7 43.1



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



#38

1-Methylnaphthalene

Concen: 39.493 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

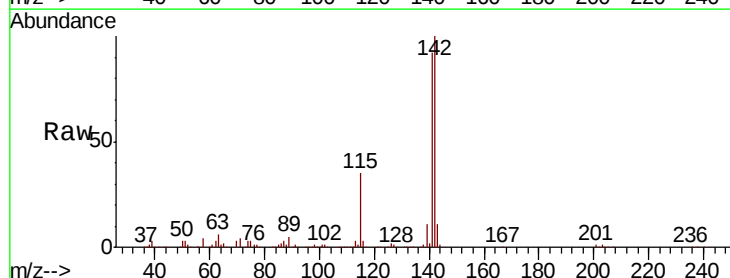
Tgt Ion:142 Resp: 421962

Ion Ratio Lower Upper

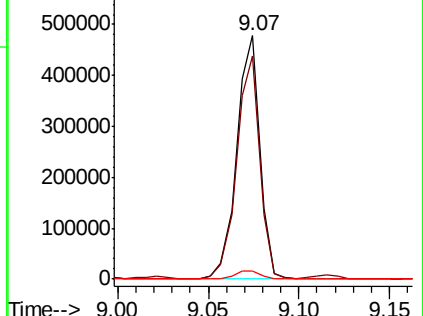
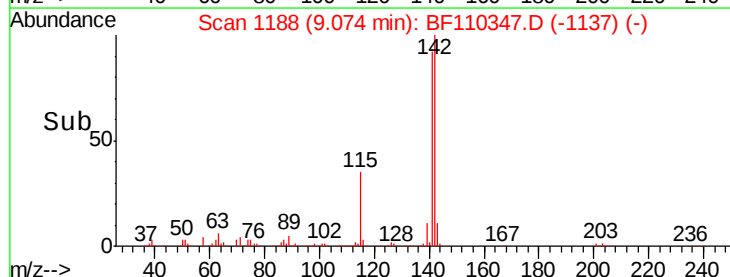
142 100

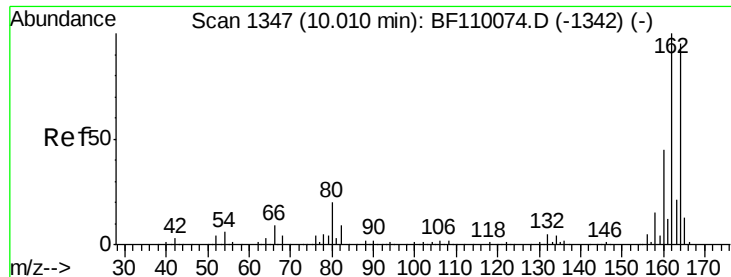
141 91.6 74.2 111.4

116 3.4 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: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

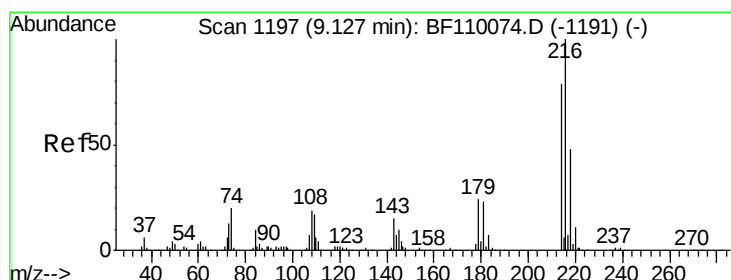
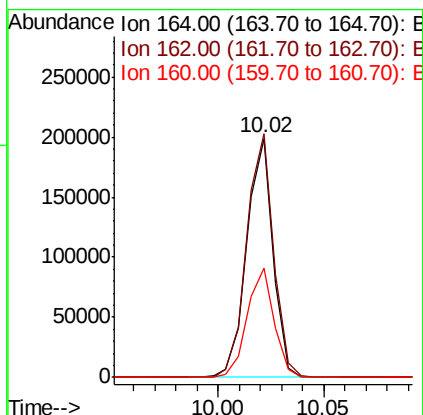
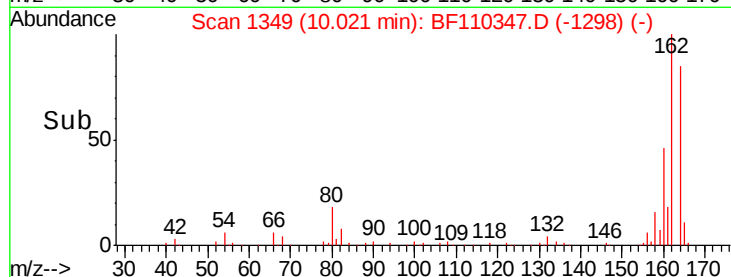
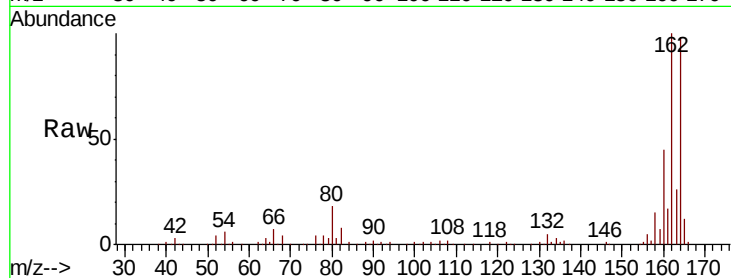
Tot Ion:164 Resp: 171244

Ion Ratio Lower Upper

164 100

162 102.0 83.0 124.6

160 45.9 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.553 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Tgt Ion:216 Resp: 189697

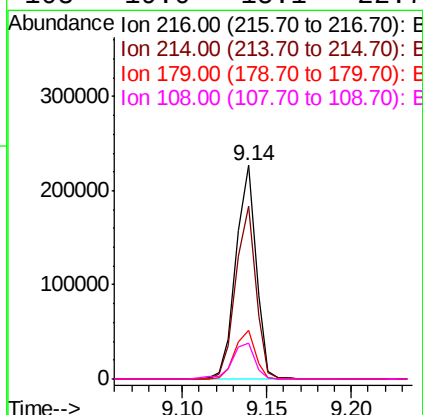
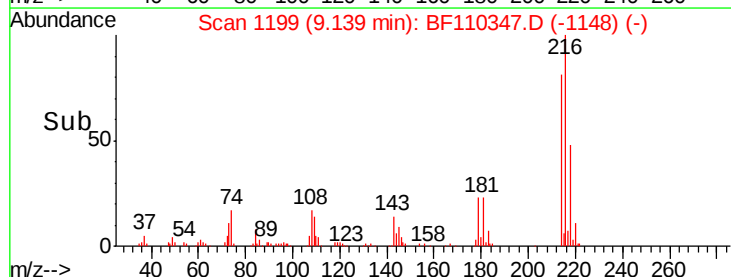
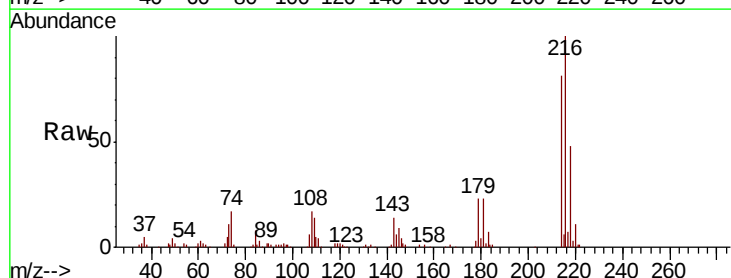
Ion Ratio Lower Upper

216 100

214 80.5 63.8 95.6

179 23.1 16.6 25.0

108 19.0 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 18.680 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

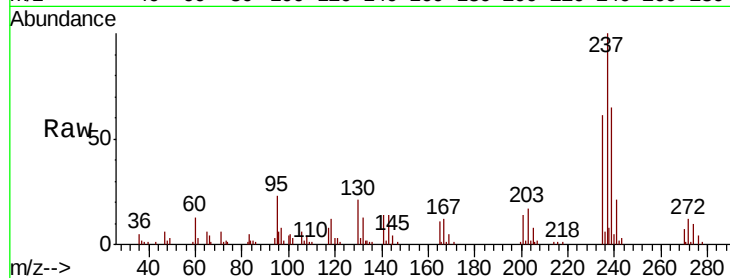
Tot Ion:237 Resp: 50964

Ion Ratio Lower Upper

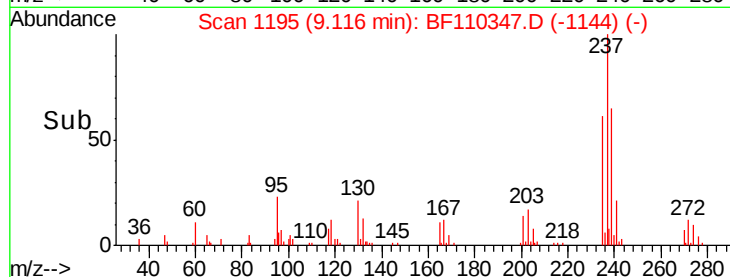
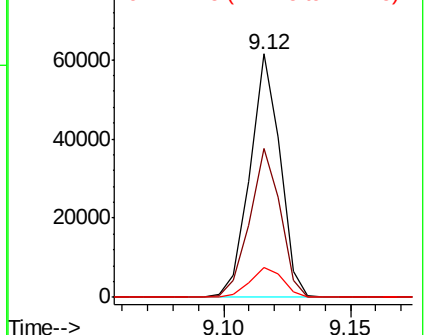
237 100

235 61.3 43.1 83.1

272 12.1 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: 64.306 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

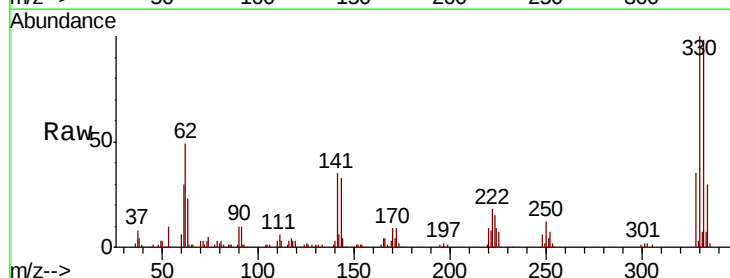
Tgt Ion:330 Resp: 109081

Ion Ratio Lower Upper

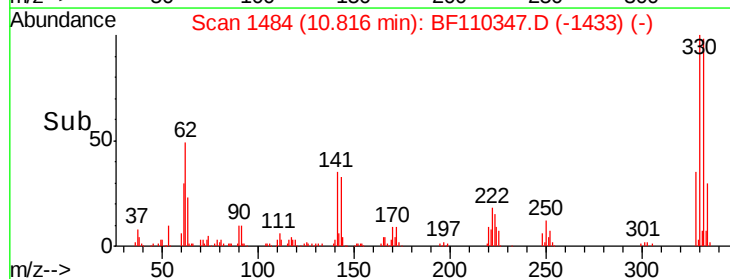
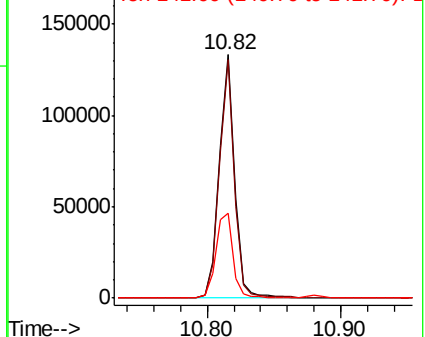
330 100

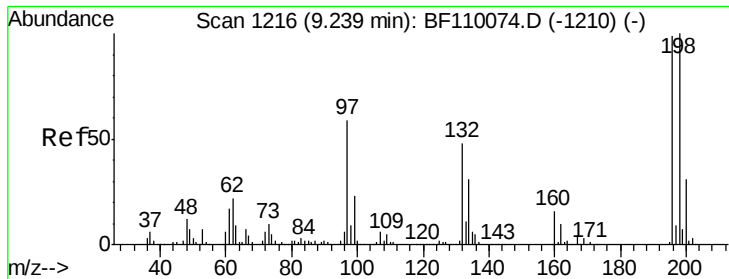
332 96.8 77.1 115.7

141 38.8 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

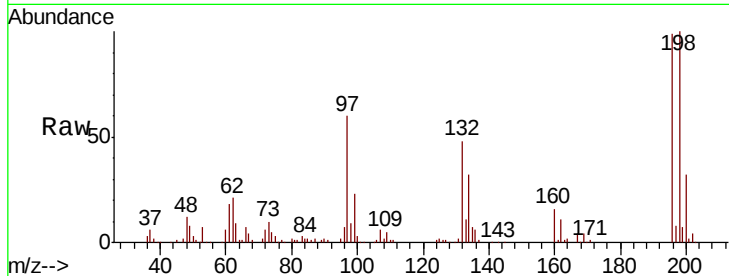




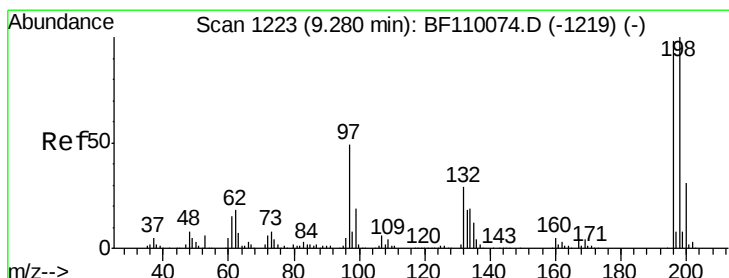
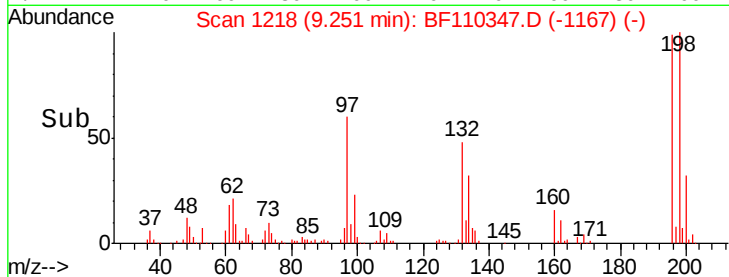
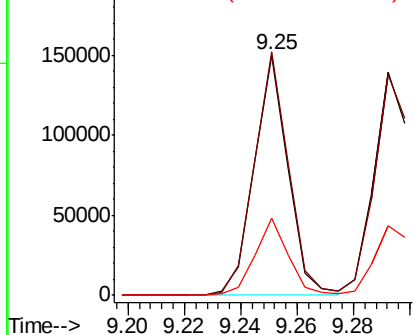
#43
 2,4,6-Trichlorophenol
 Concen: 36.214 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 124628
 Ion Ratio Lower Upper
 196 100
 198 101.5 76.2 114.4
 200 32.0 24.4 36.6



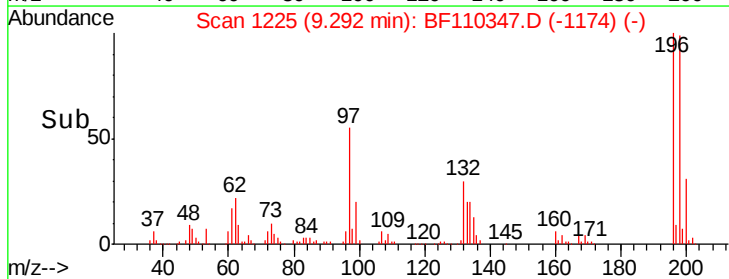
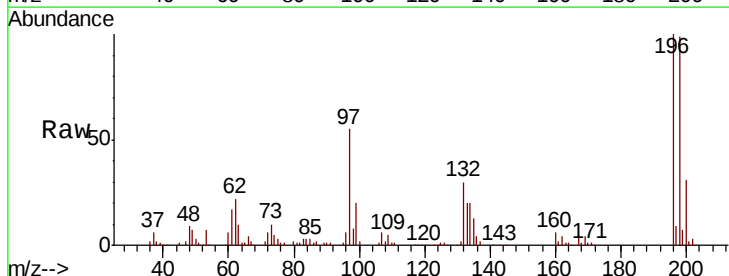
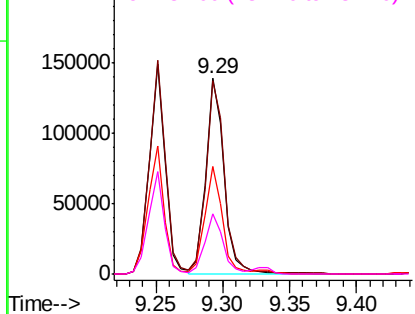
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

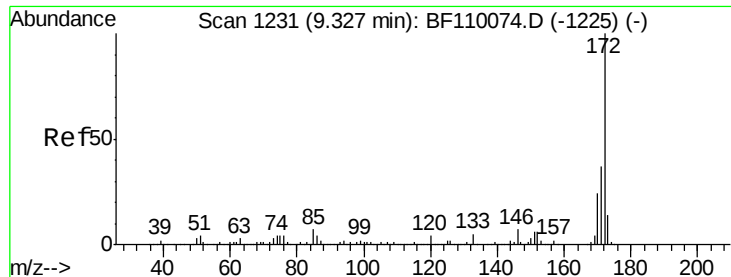


#44
 2,4,5-Trichlorophenol
 Concen: 36.807 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion:196 Resp: 133893
 Ion Ratio Lower Upper
 196 100
 198 98.8 75.8 113.6
 97 54.7 42.4 63.6
 132 30.5 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

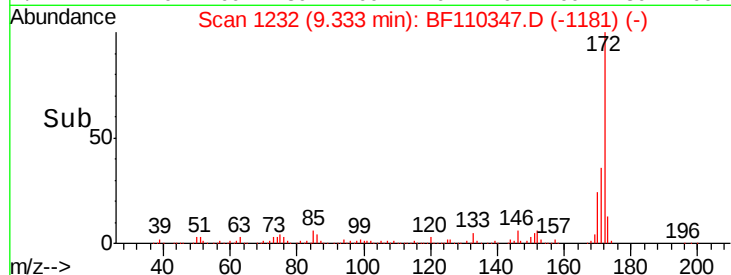
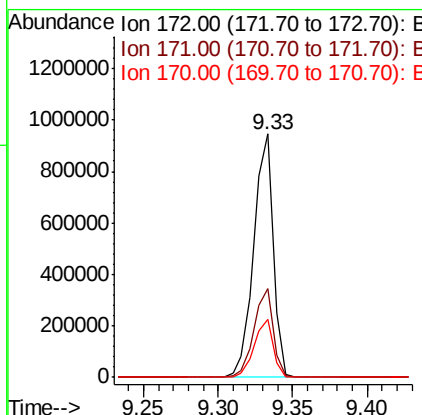
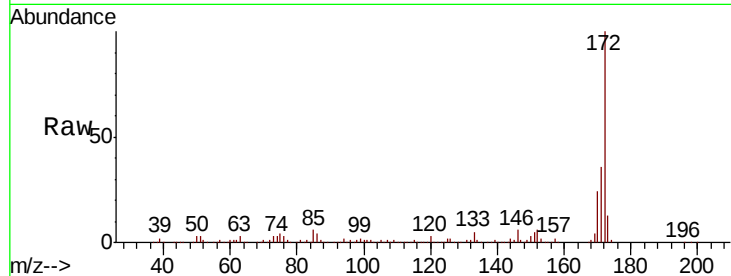




#45
 2-Fluorobiphenyl
 Concen: 77.944 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

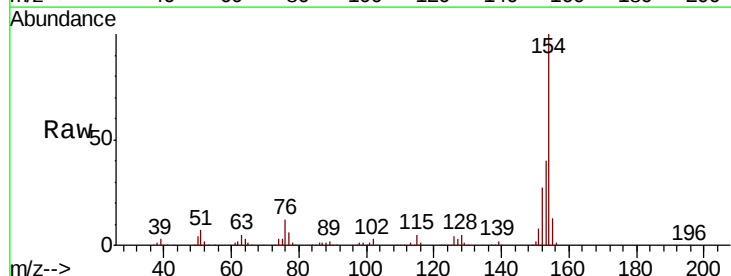
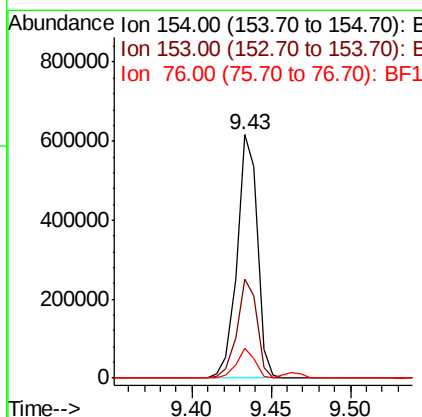
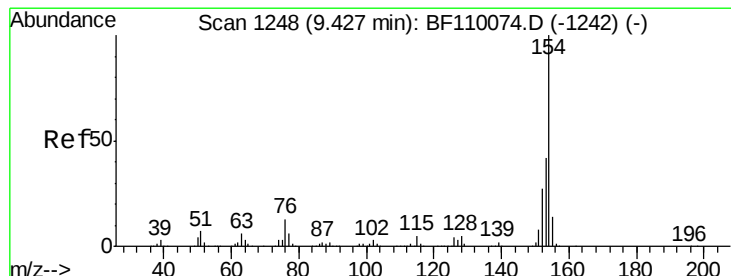
Instrument :
 BNA_F
 ClientSampleId :

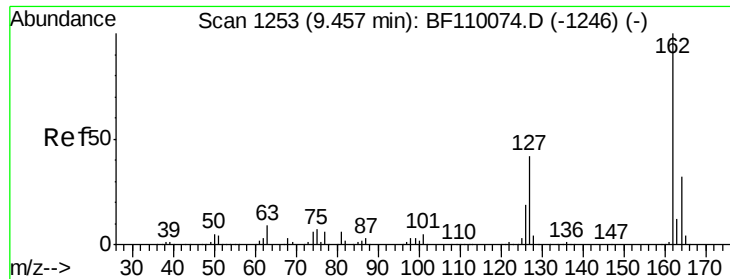
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.7	19.7	29.5



#46
 1,1'-Biphenyl
 Concen: 35.403 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.4	60.4
76	12.1	0.0	31.9

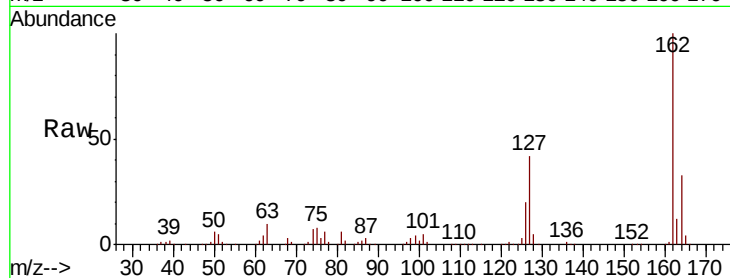




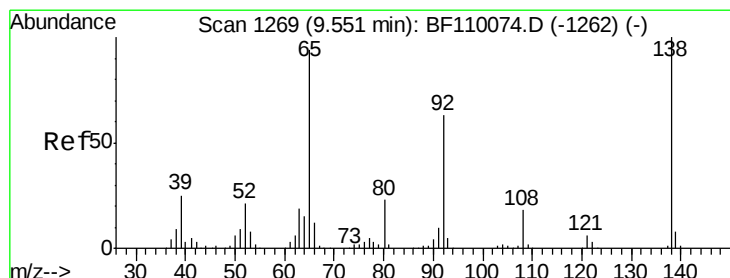
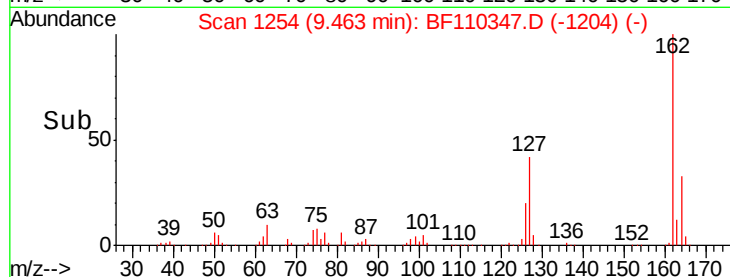
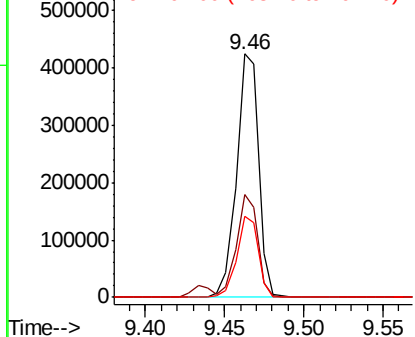
#47
 2-Chloronaphthalene
 Concen: 36.056 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	32.6	48.8
164	33.5	25.9	38.9

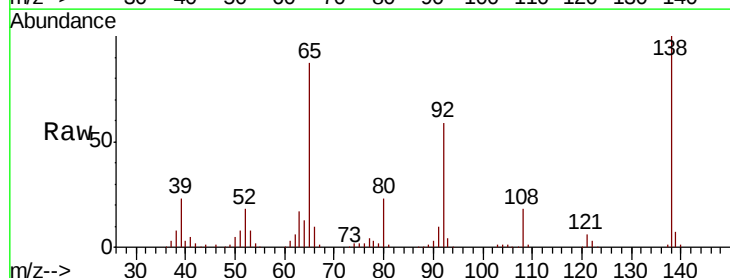


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

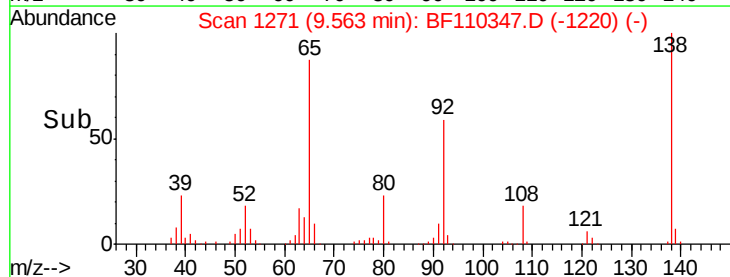
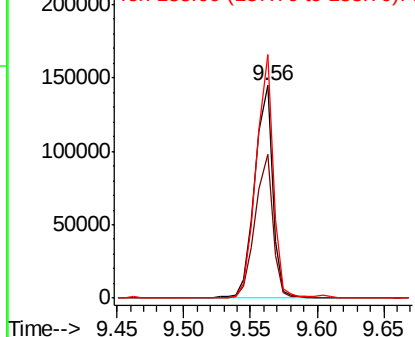


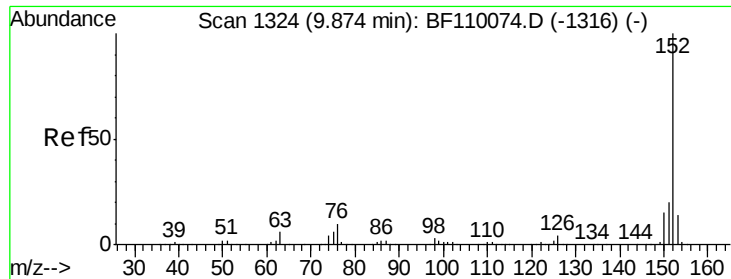
#48
 2-Nitroaniline
 Concen: 38.625 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	54.6	81.8
138	114.7	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: 38.898 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

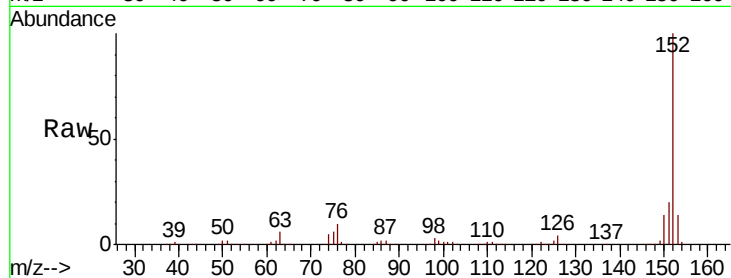
Tot Ion:152 Resp: 638178

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

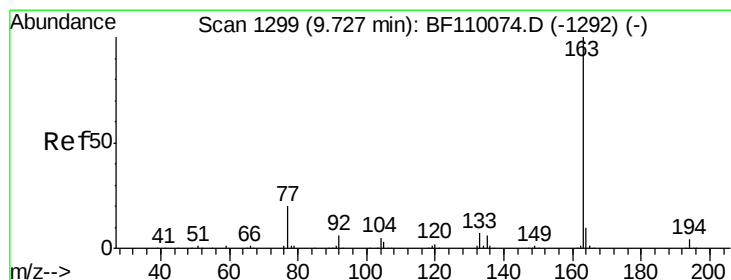
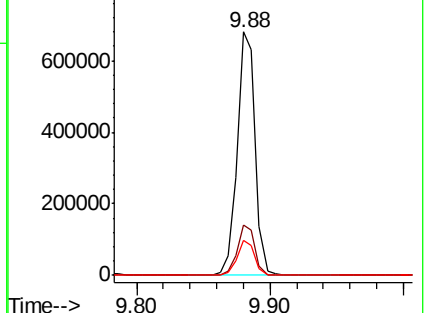
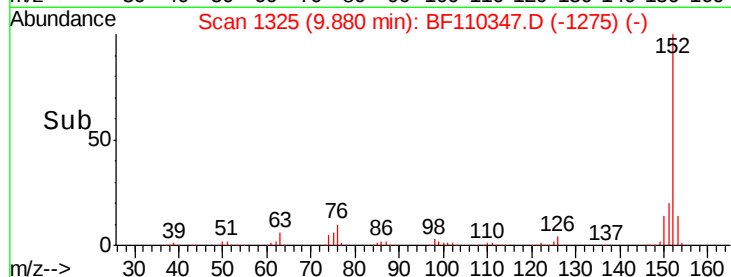
153 14.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.981 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

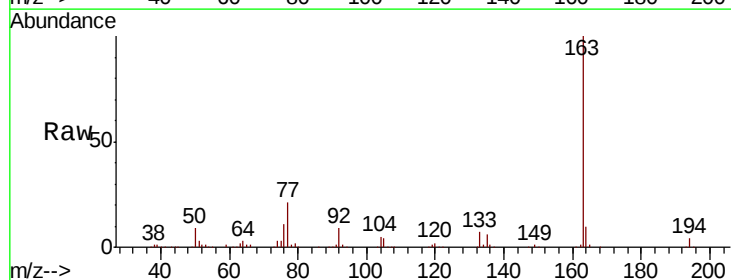
Tgt Ion:163 Resp: 492756

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

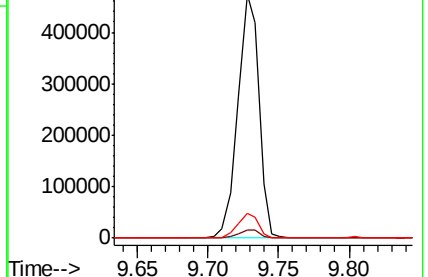
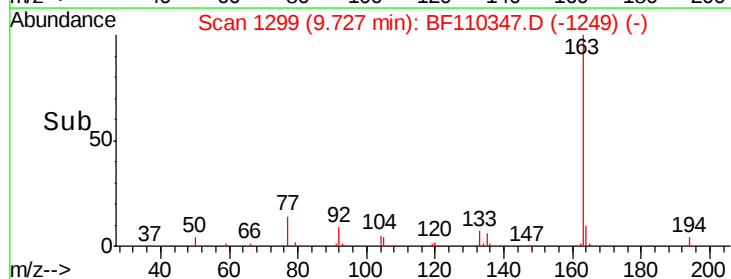
164 10.1 8.1 12.1

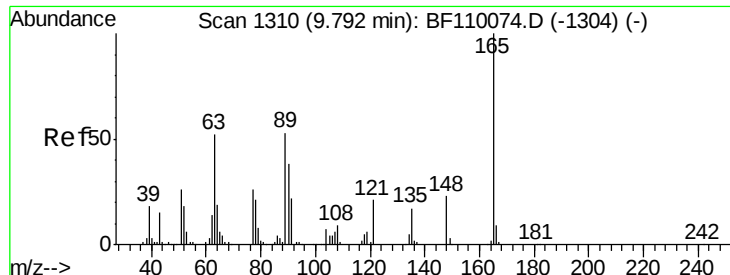


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.628 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

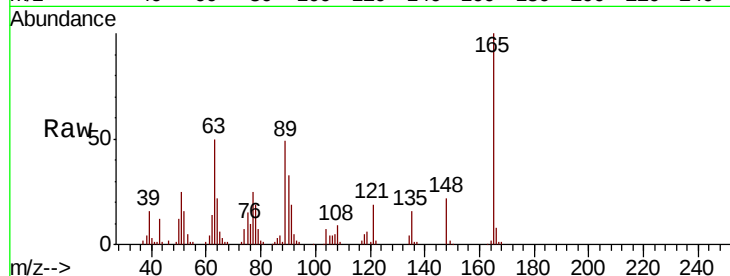
Tot Ion:165 Resp: 102456

Ion Ratio Lower Upper

165 100

63 49.5 48.9 73.3

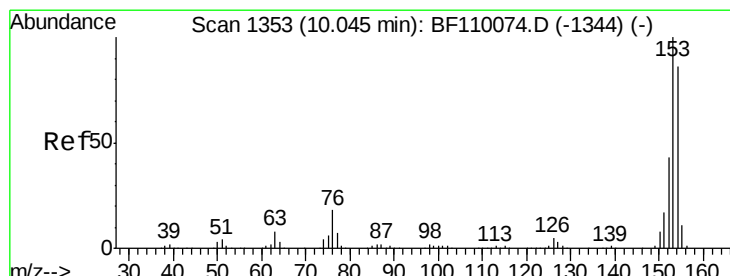
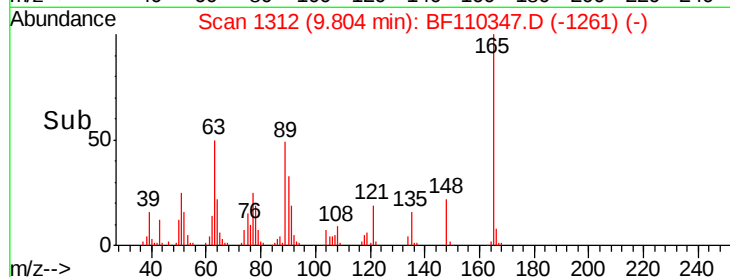
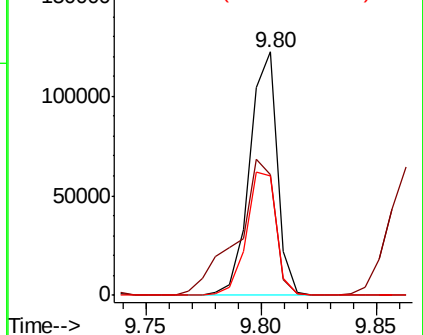
89 49.0 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 34.879 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

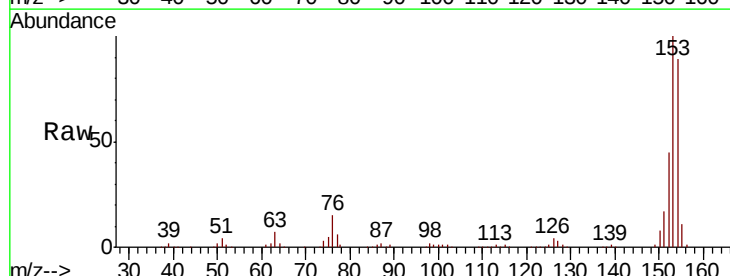
Tgt Ion:154 Resp: 378566

Ion Ratio Lower Upper

154 100

153 112.9 90.1 135.1

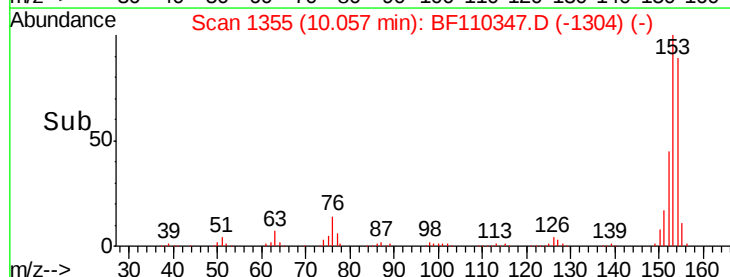
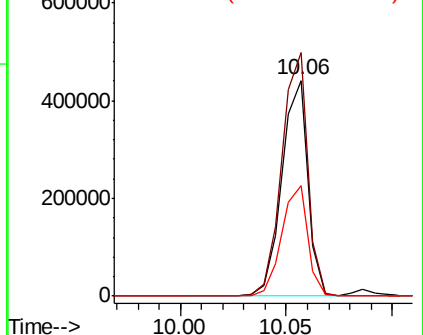
152 51.3 43.4 65.2

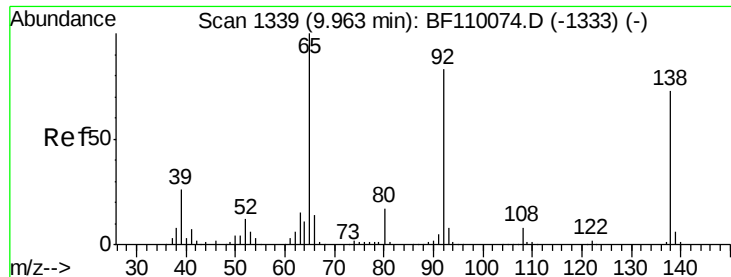


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

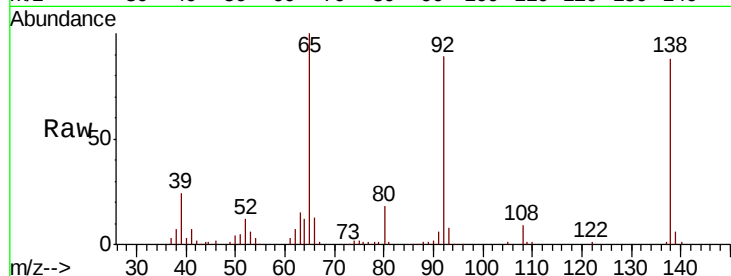




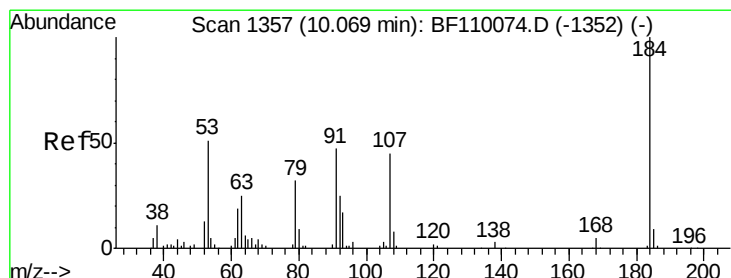
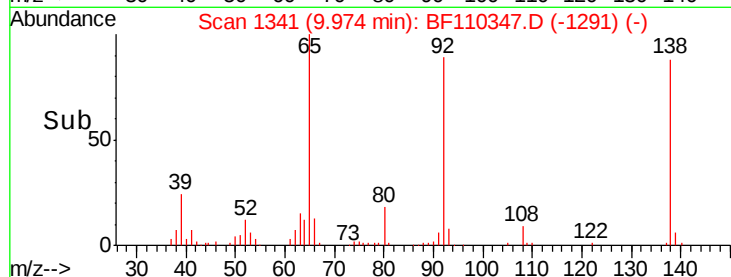
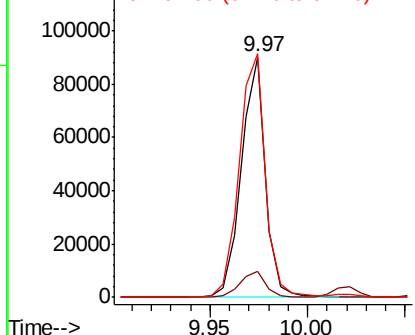
#53
3-Nitroaniline
Concen: 23.648 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 76573
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 101.5 97.0 145.4

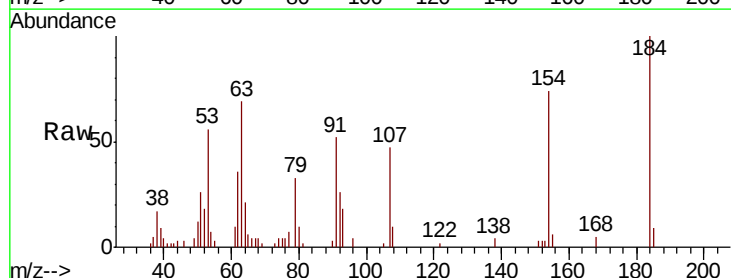


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

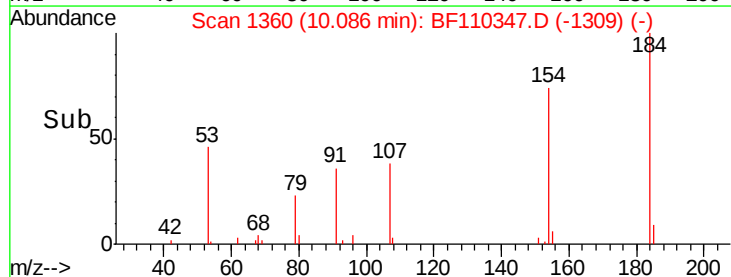
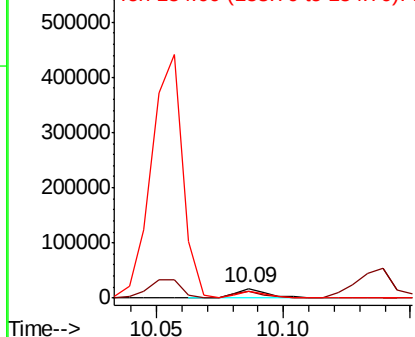


#54
2,4-Dinitrophenol
Concen: 19.119 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion:184 Resp: 16111
Ion Ratio Lower Upper
184 100
63 68.9 55.8 83.6
154 74.0 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

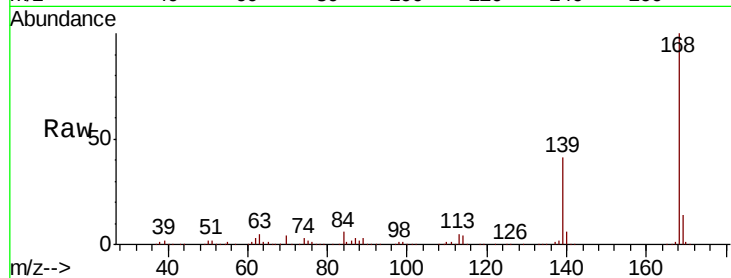




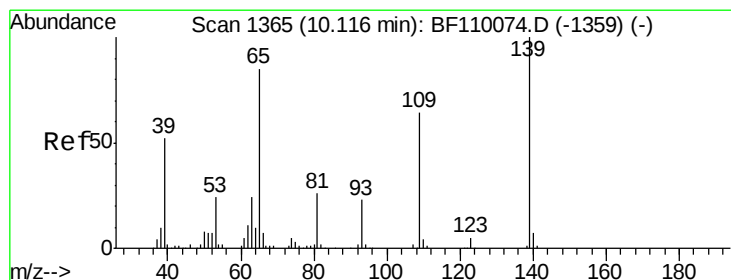
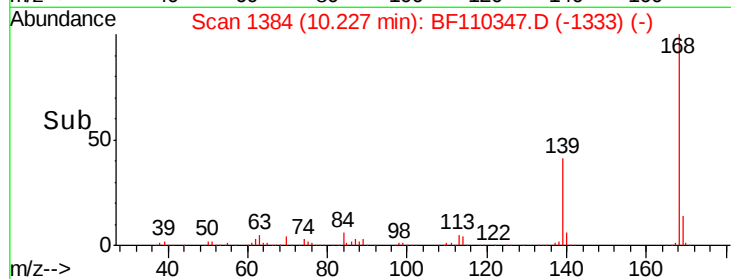
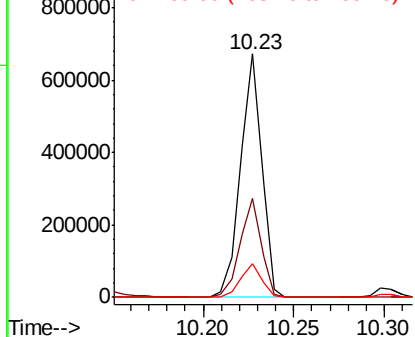
#55
Dibenzenofuran
Concen: 36.206 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 550190
Ion Ratio Lower Upper
168 100
139 40.6 33.0 49.6
169 13.8 11.3 16.9

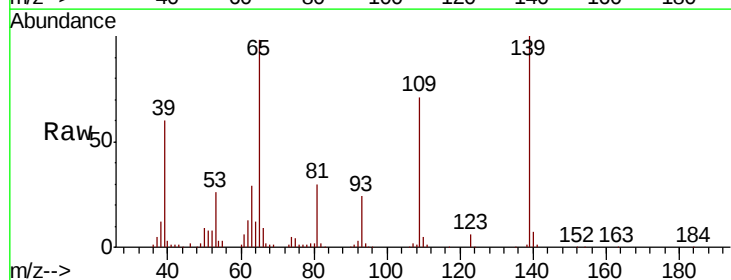


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

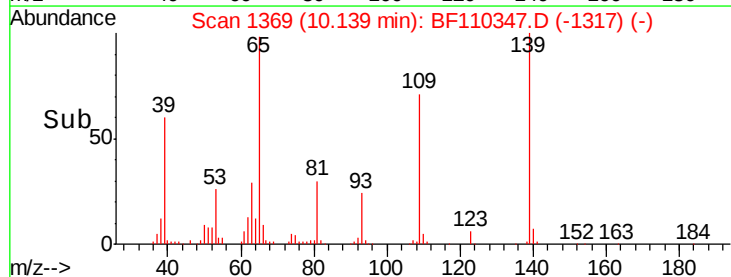
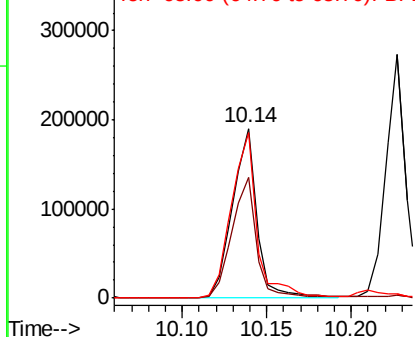


#56
4-Nitrophenol
Concen: 80.329 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion:139 Resp: 192510
Ion Ratio Lower Upper
139 100
109 71.4 55.8 95.8
65 97.8 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

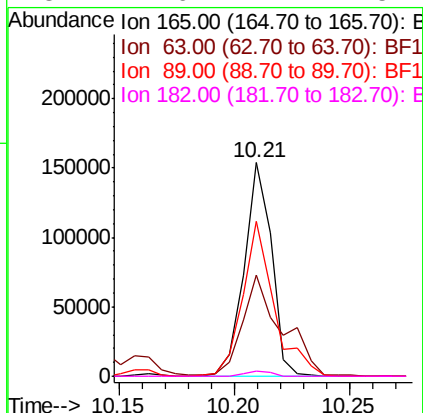
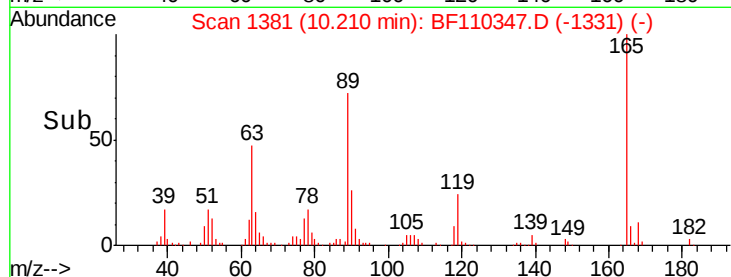
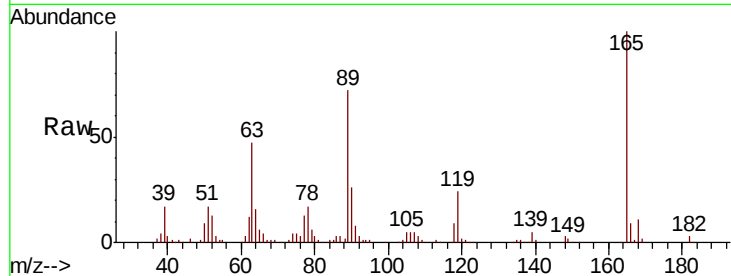




#57
2,4-Dinitrotoluene
Concen: 36.967 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

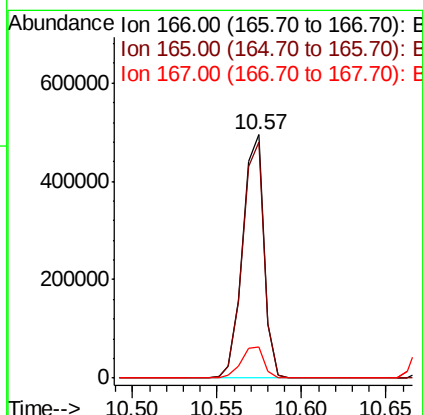
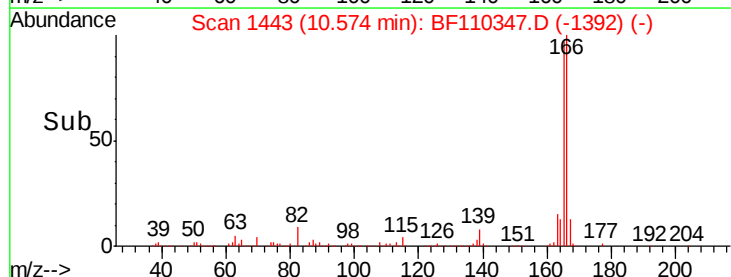
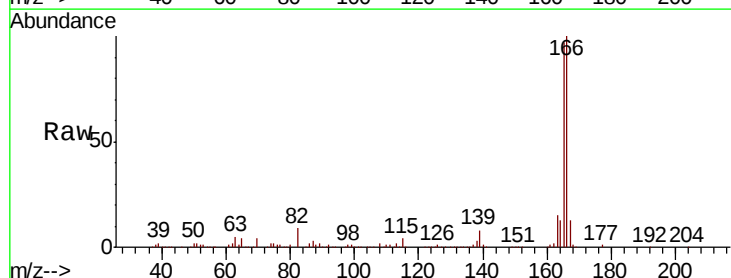
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	44.8	67.2
89	72.5	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 38.677 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	117.8
167	13.0	10.8	16.2

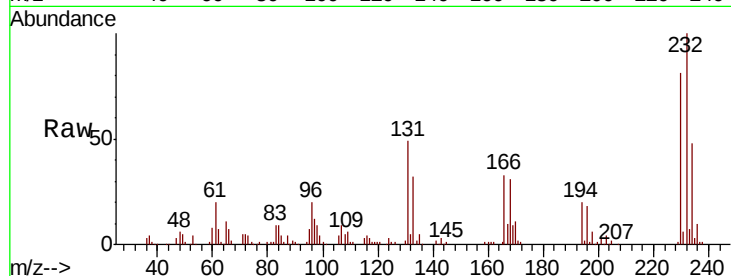




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.436 ng
 RT: 10.34 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
232	232	100		
131	131	48.6	37.0	55.4
130	130	2.3	1.8	2.6
166	166	33.2	22.0	33.0



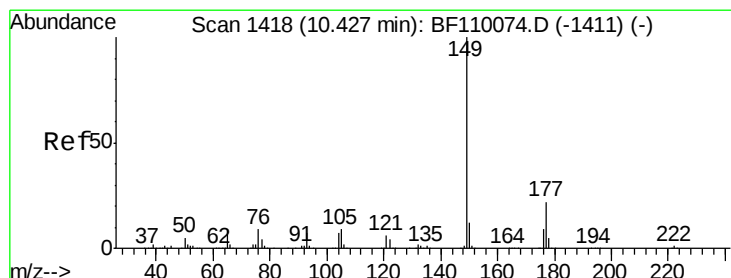
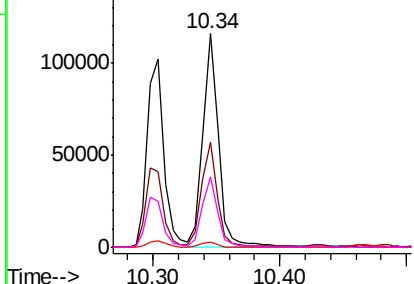
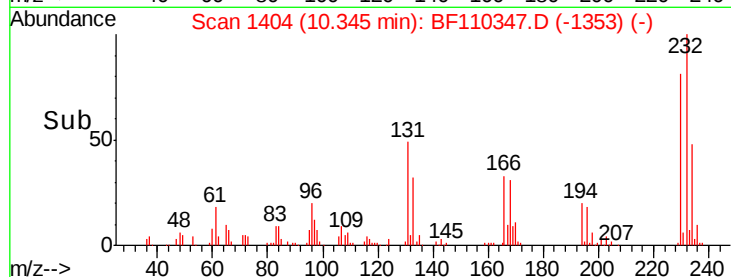
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

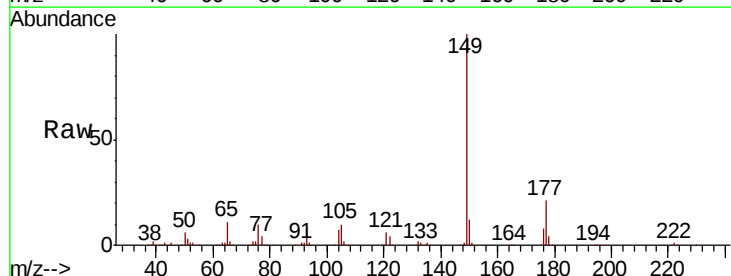
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.135 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion	Ion	Ratio	Lower	Upper
149	149	100		
177	177	20.6	17.4	26.2
150	150	12.2	9.8	14.8

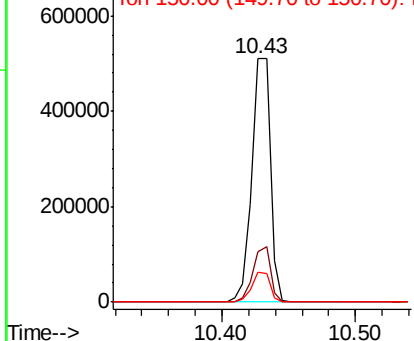
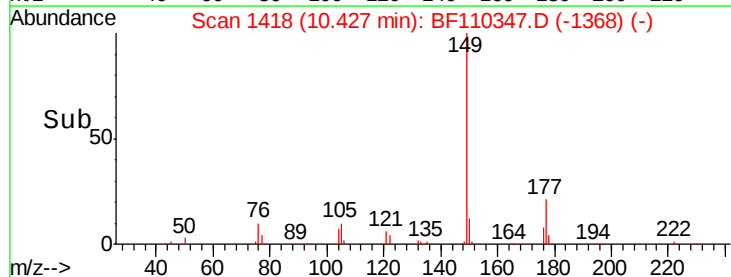


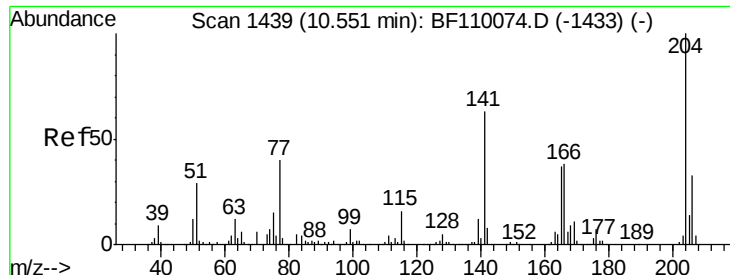
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

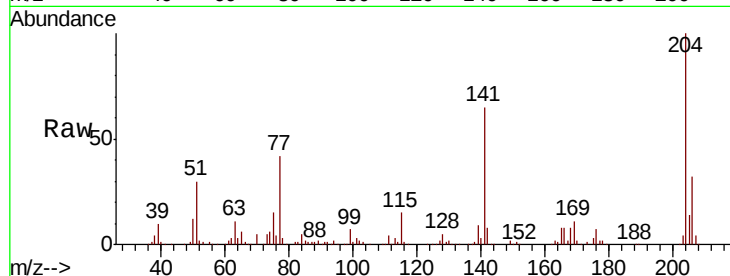




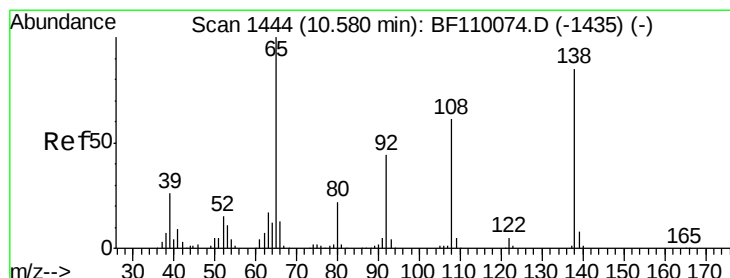
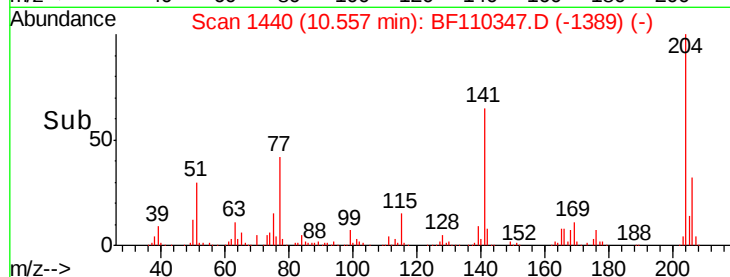
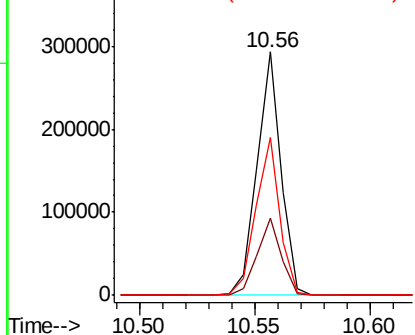
#61
4-Chlorophenyl-phenylether
Concen: 35.691 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 212938
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 65.0 51.8 77.8

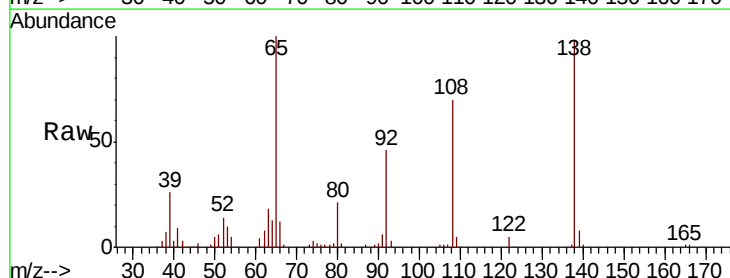


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

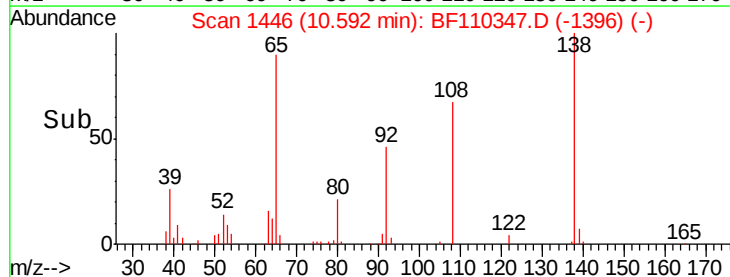
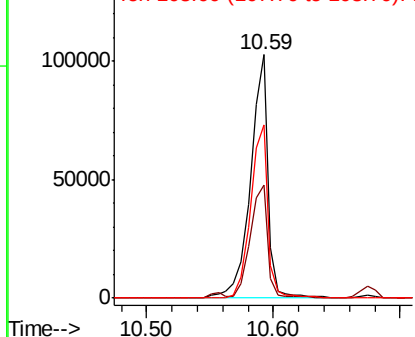


#62
4-Nitroaniline
Concen: 30.984 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion:138 Resp: 99784
Ion Ratio Lower Upper
138 100
92 46.4 31.7 71.7
108 71.0 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

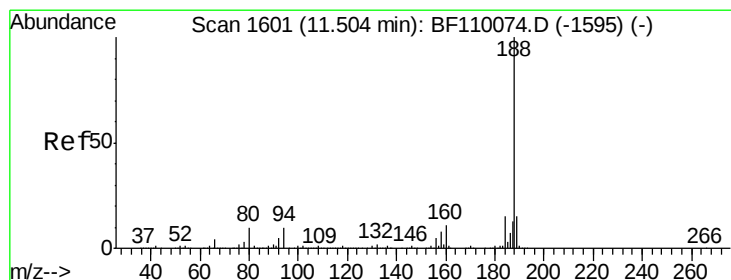
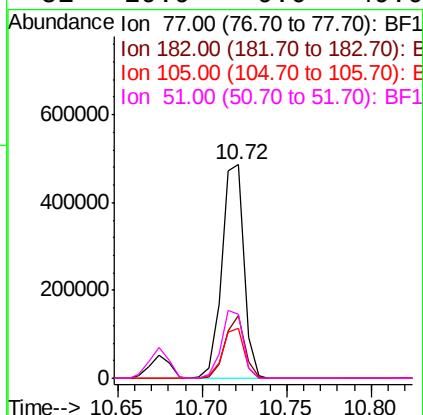
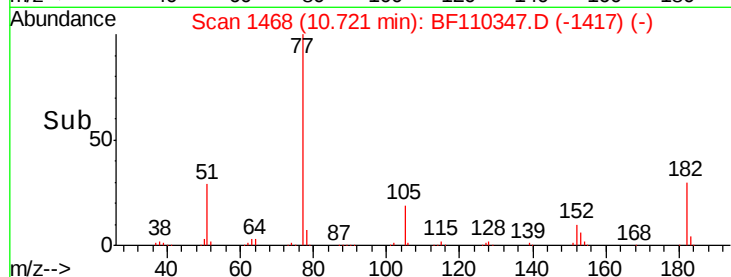
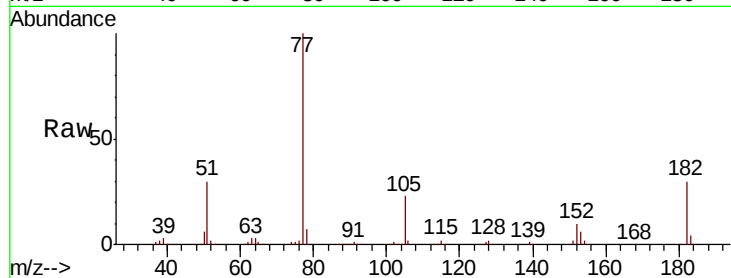




#63
Azobenzene
Concen: 36.204 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

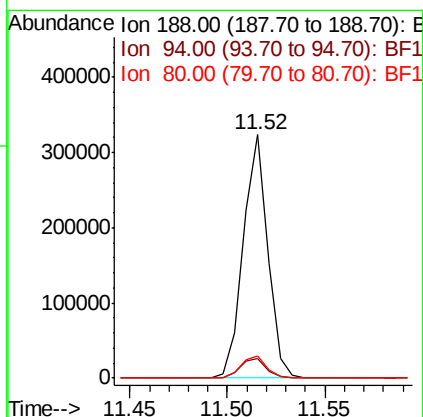
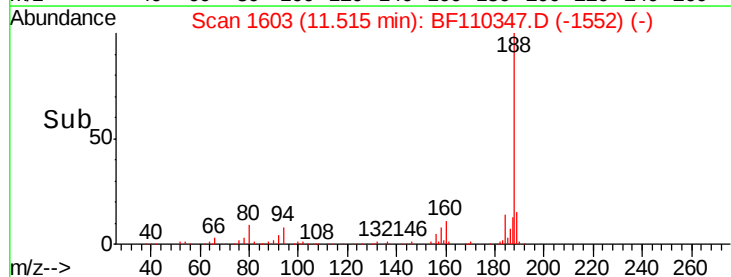
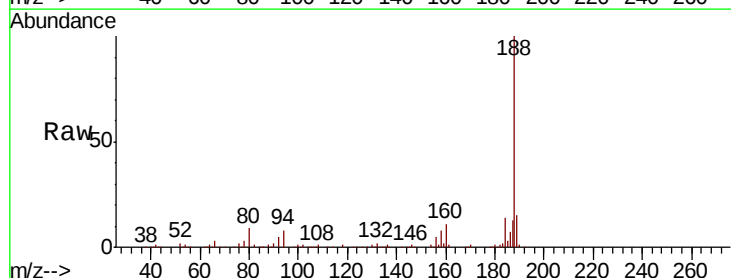
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	443443
Ion	Ratio	Lower	Upper
77	100		
182	29.7	4.3	44.3
105	23.1	1.3	41.3
51	29.9	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion:	188	Resp:	281955
Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	9.1	7.9	11.9

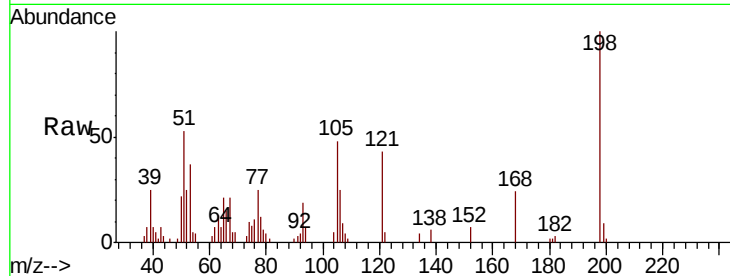




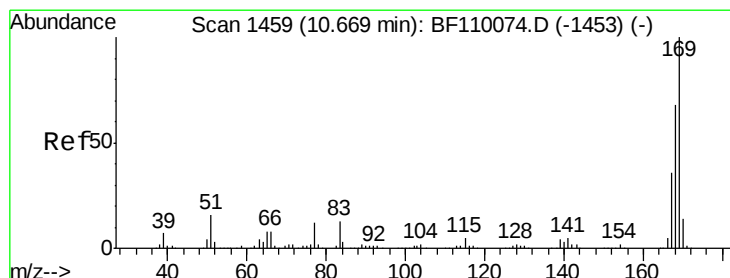
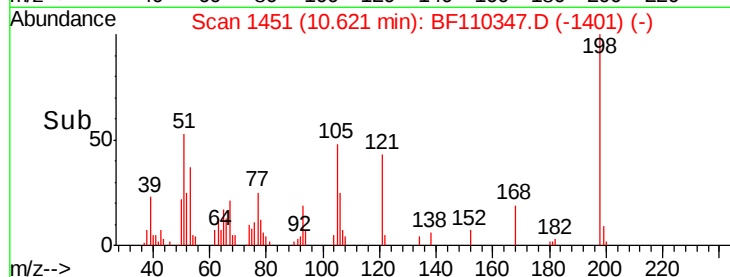
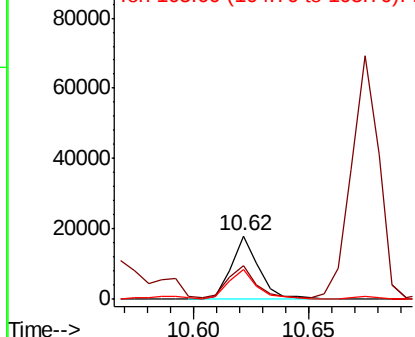
#65
4,6-Dinitro-2-methylphenol
Concen: 11.644 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 14999
Ion Ratio Lower Upper
198 100
51 52.9 22.8 62.8
105 47.8 23.6 63.6

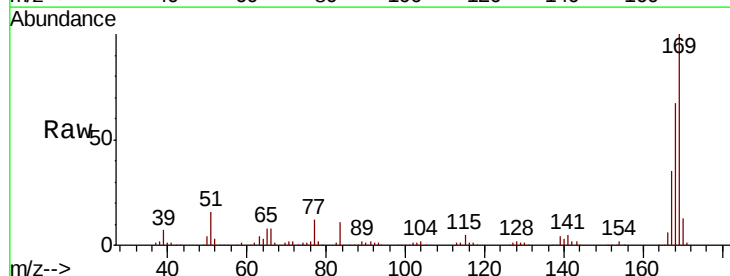


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

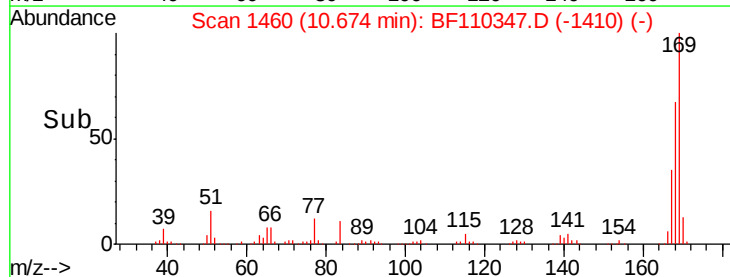
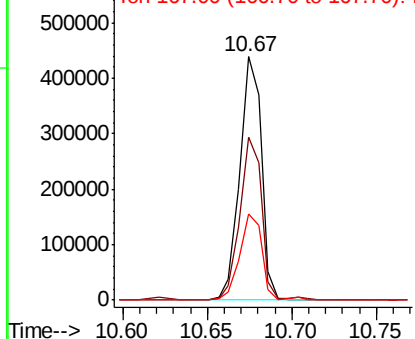


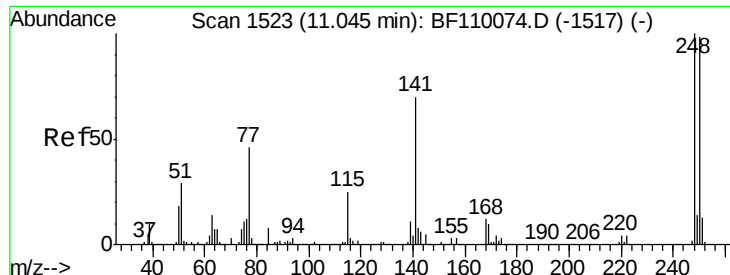
#66
n-Nitrosodiphenylamine
Concen: 42.339 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion:169 Resp: 391555
Ion Ratio Lower Upper
169 100
168 66.9 51.2 76.8
167 35.3 27.8 41.6



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

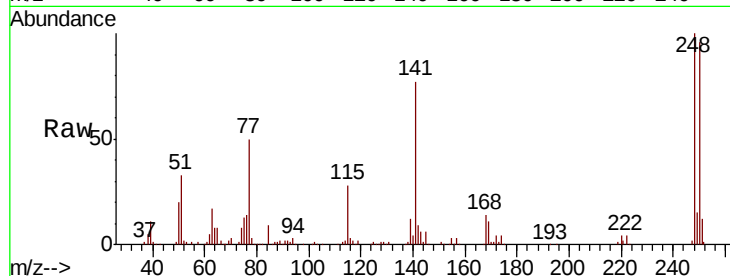




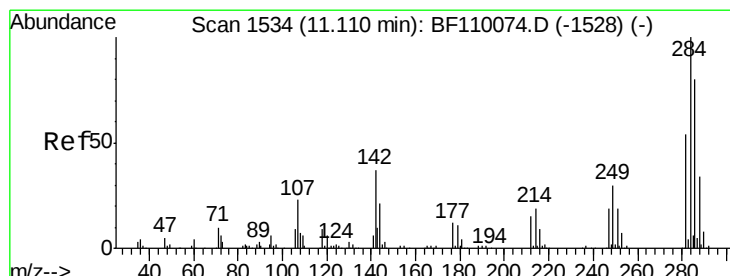
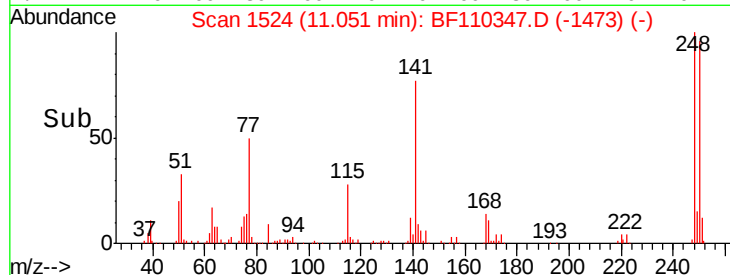
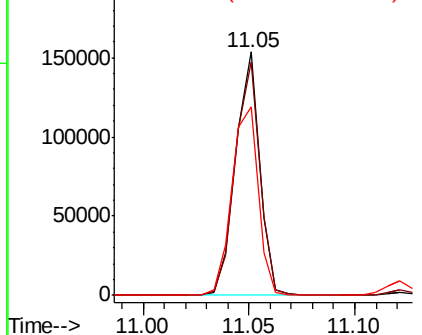
#67
4-Bromophenyl-phenylether
Concen: 39.520 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 120869
Ion Ratio Lower Upper
248 100
250 95.7 79.4 119.2
141 77.3 55.9 83.9

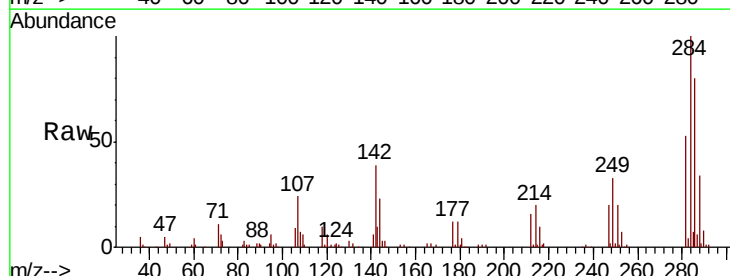


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

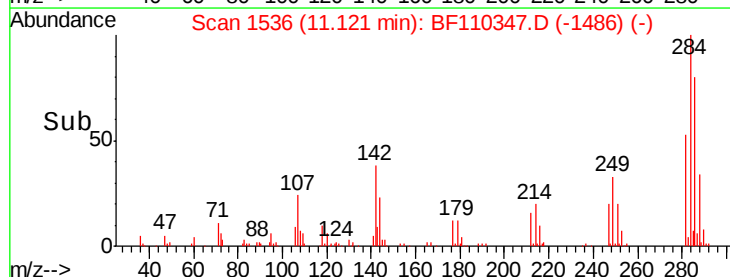
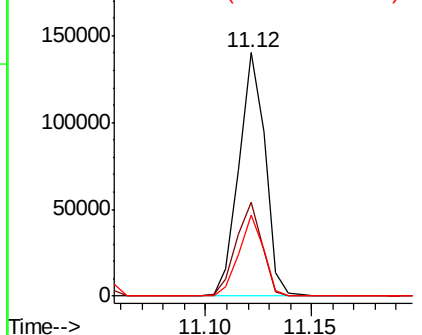


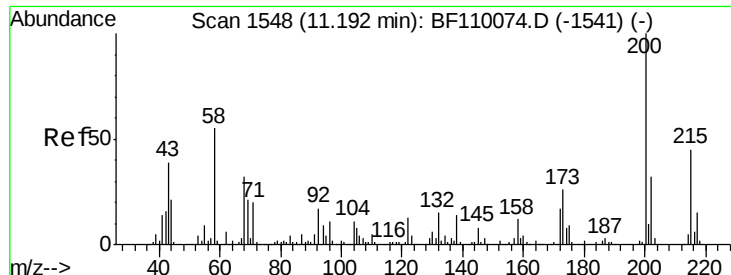
#68
Hexachlorobenzene
Concen: 37.042 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion:284 Resp: 120203
Ion Ratio Lower Upper
284 100
142 38.5 23.9 35.9#
249 33.2 24.2 36.2



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

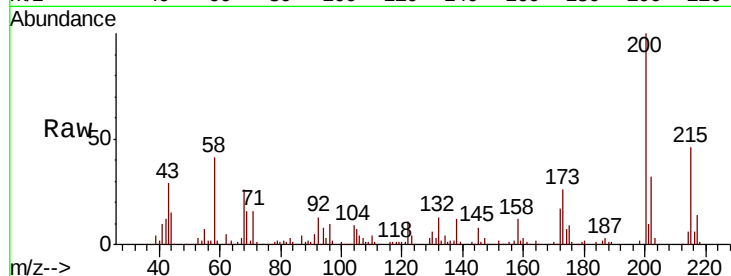




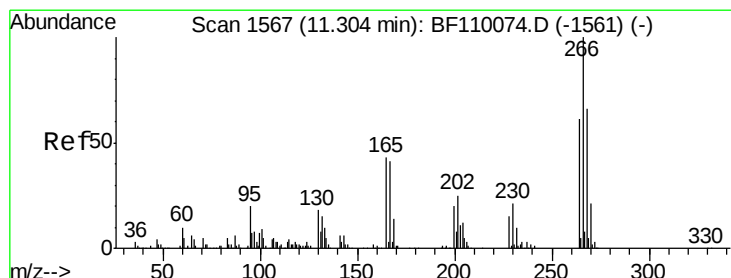
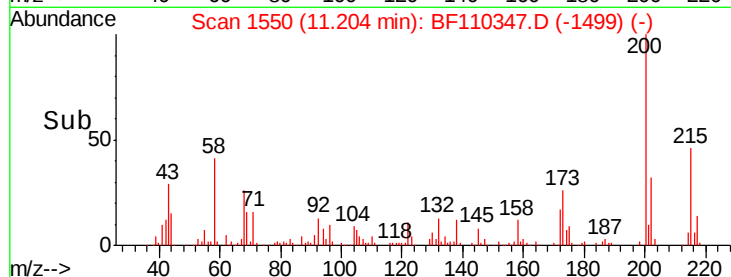
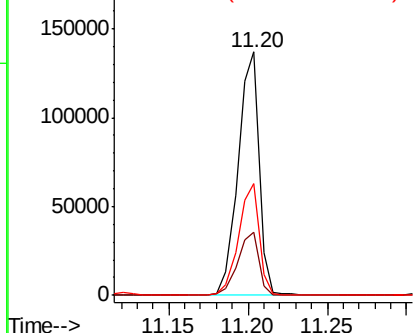
#69
Atrazine
Concen: 43.207 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.6	46.6
215	45.8	26.3	66.3

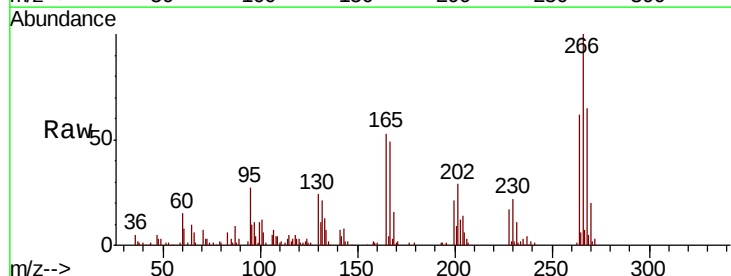


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

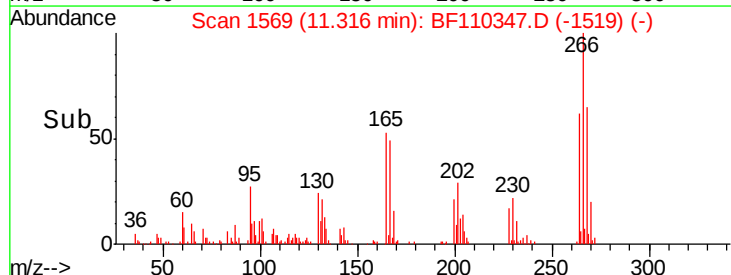
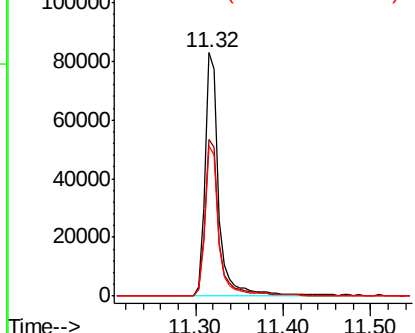


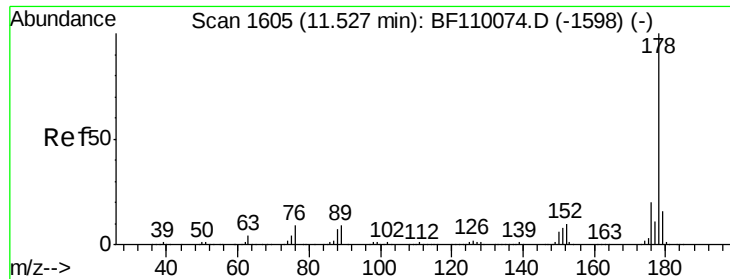
#70
Pentachlorophenol
Concen: 48.576 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	50.6	75.8
264	61.8	50.6	75.8



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

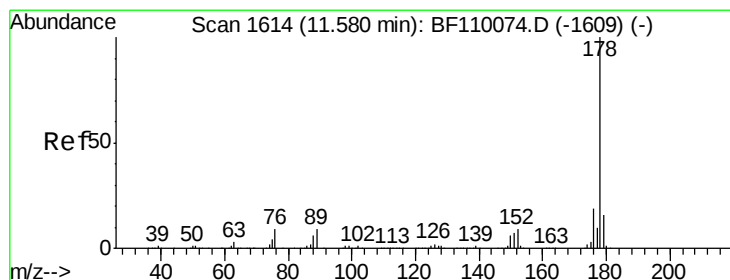
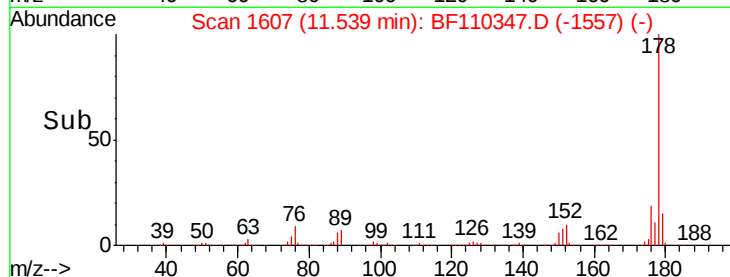
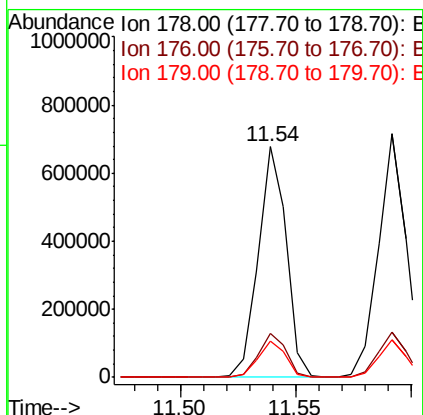
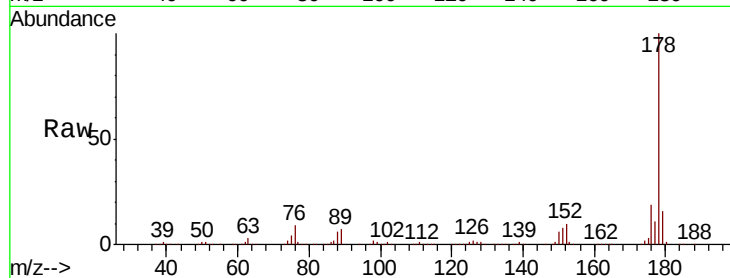




#71
Phenanthrene
Concen: 38.934 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

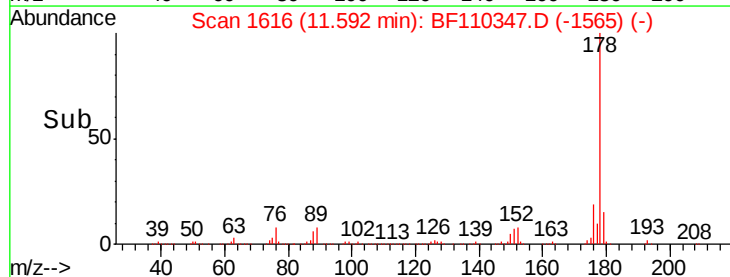
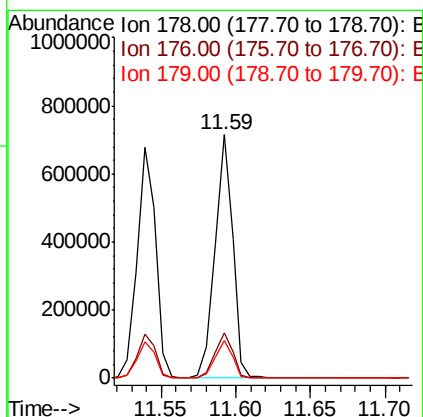
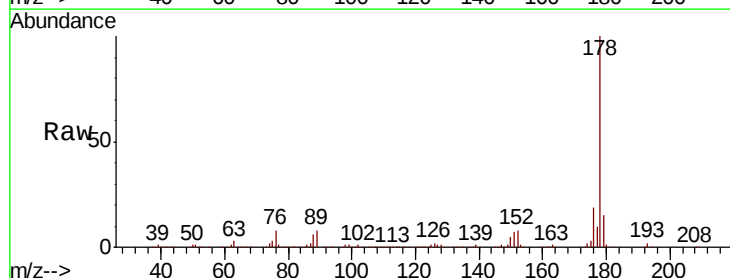
Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 574408
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 40.098 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion:178 Resp: 592964
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.4 12.6 18.8





#73

Carbazole

Concen: 34.709 ng

RT: 11.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

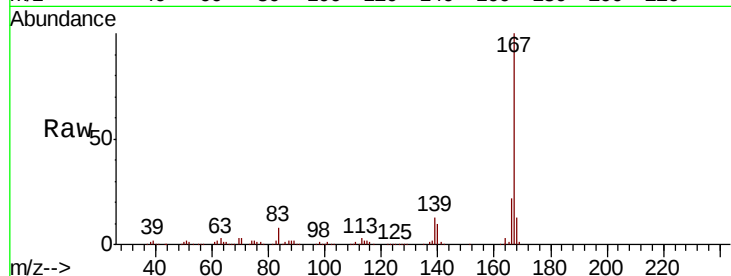
Tot Ion:167 Resp: 501155

Ion Ratio Lower Upper

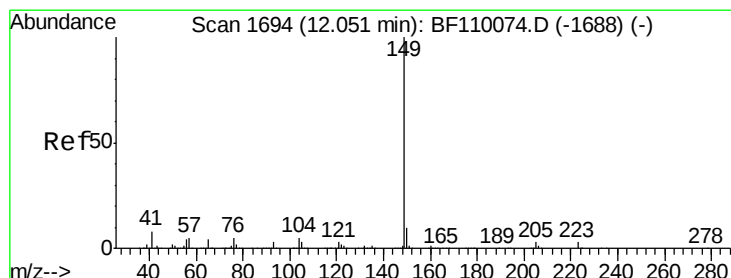
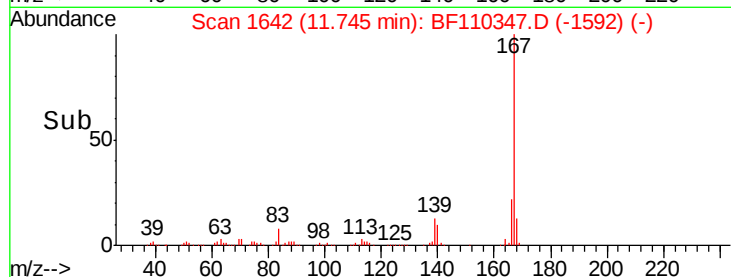
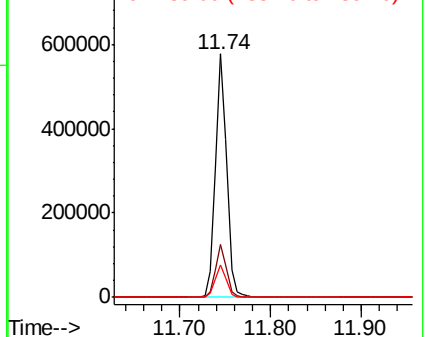
167 100

166 21.6 17.4 26.0

139 13.3 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: 42.340 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

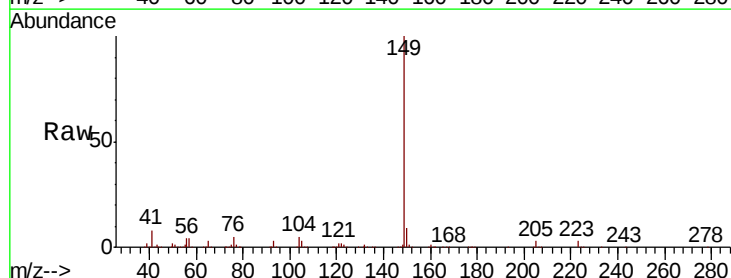
Tgt Ion:149 Resp: 690433

Ion Ratio Lower Upper

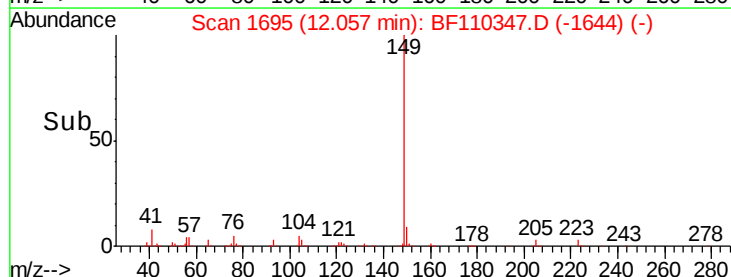
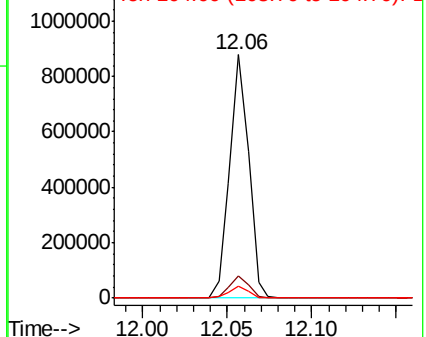
149 100

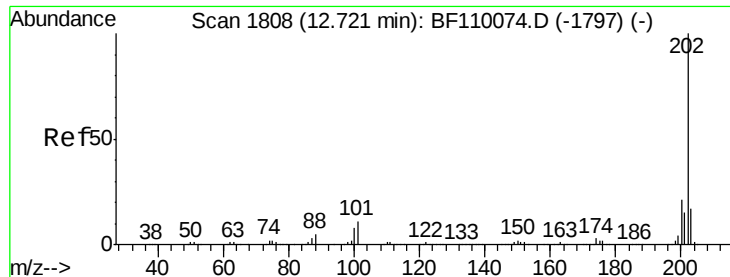
150 9.2 7.7 11.5

104 4.9 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

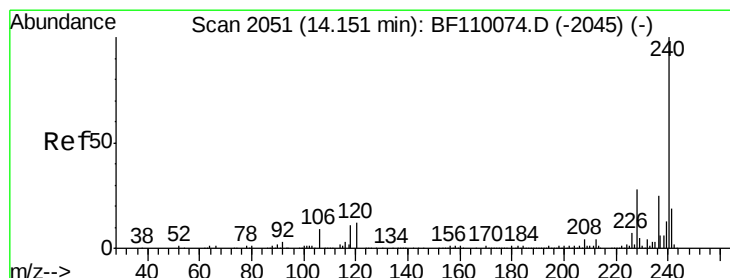
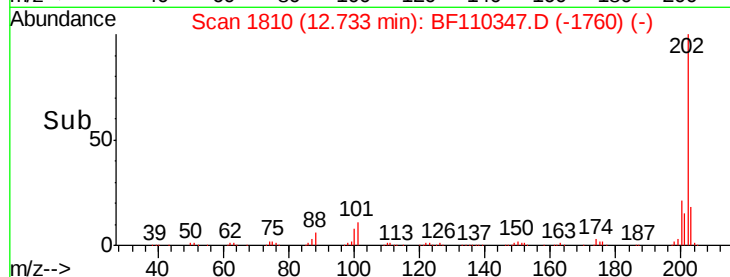
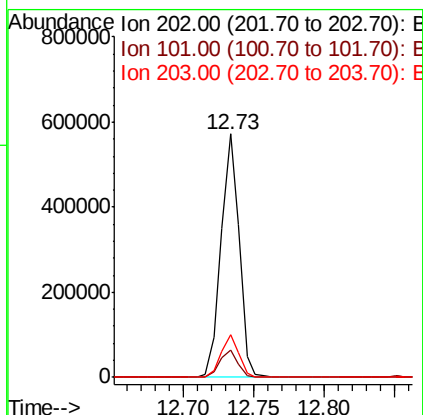
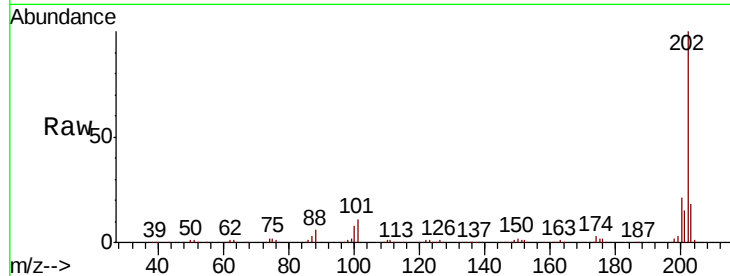




#75
 Fluoranthene
 Concen: 34.096 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

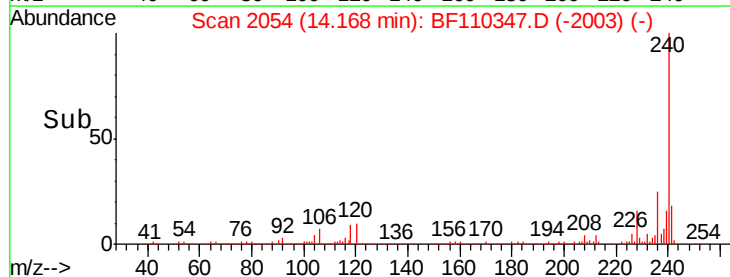
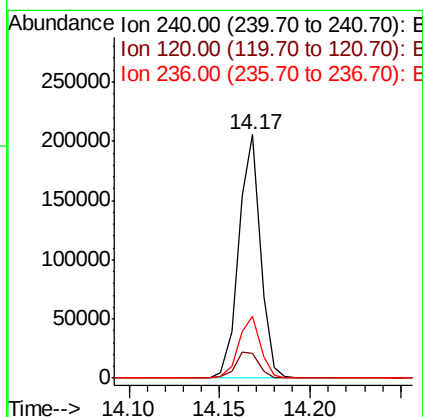
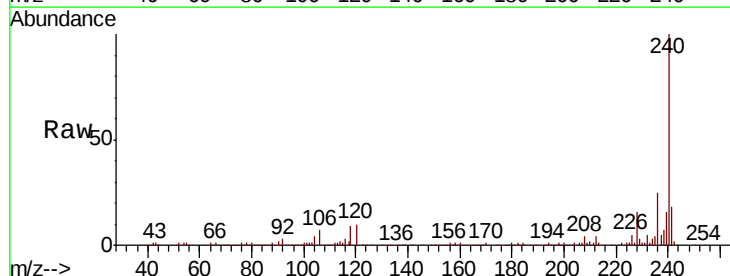
Instrument :
 BNA_F
 ClientSampleId :

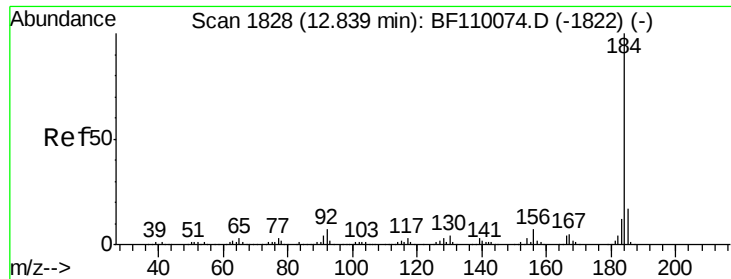
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.4
203	17.6	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BF110347.D
 Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	25.3	21.2	31.8





#77

Benzidine

Concen: Below Cal

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

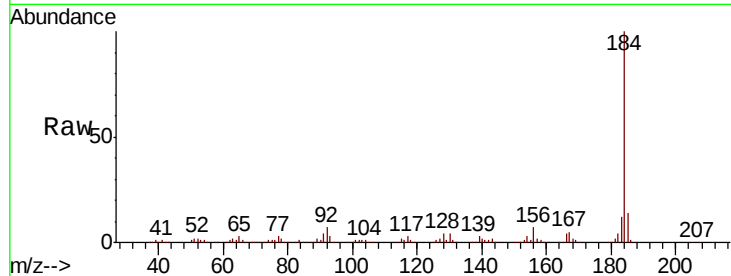
Tot Ion:184 Resp: 307960

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.2

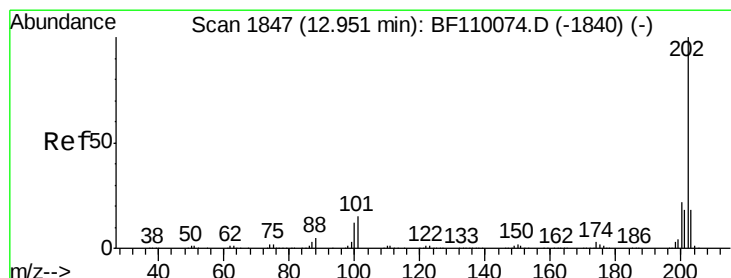
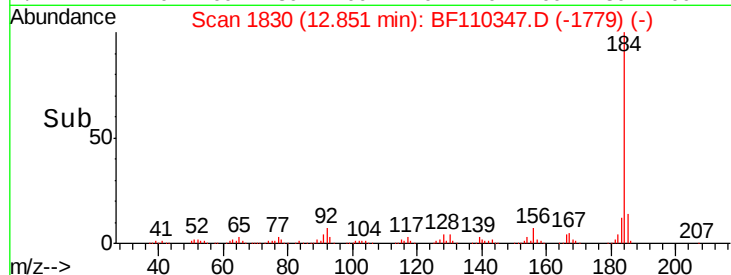
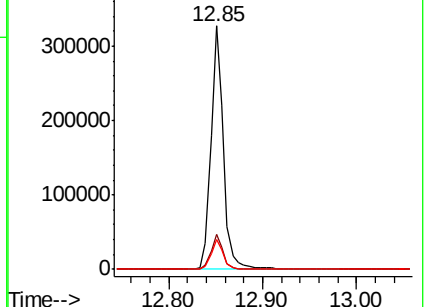
183 12.4 9.4 14.2



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: 40.494 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

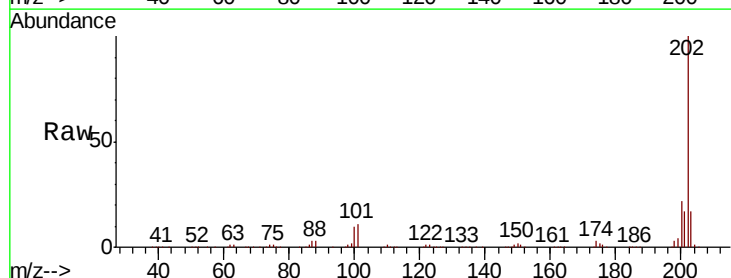
Tgt Ion:202 Resp: 495999

Ion Ratio Lower Upper

202 100

200 21.8 17.8 26.6

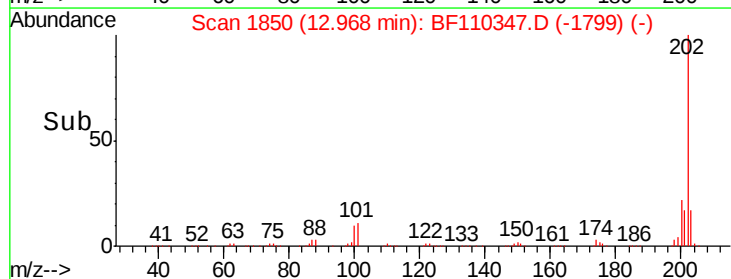
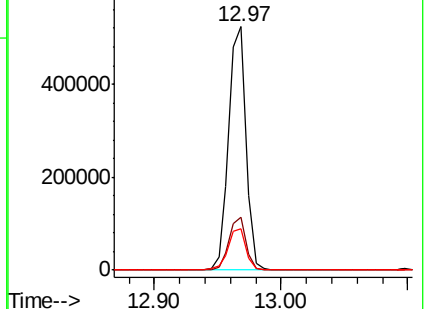
203 17.1 14.2 21.4



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: 80.222 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampled :

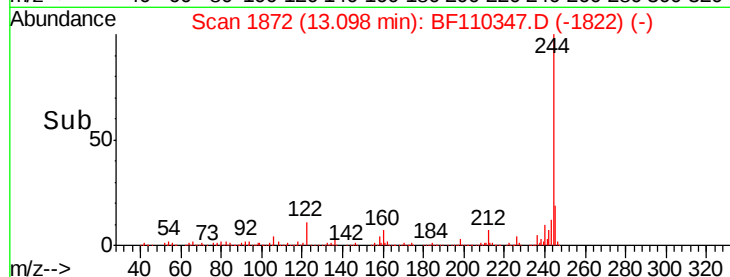
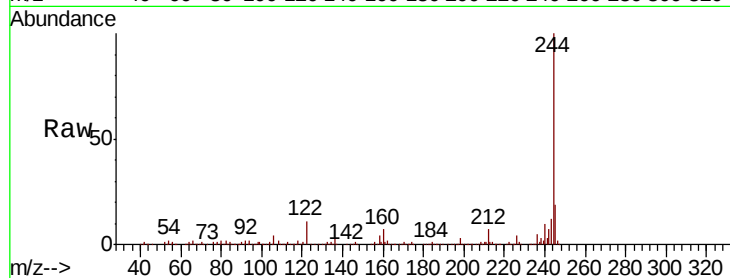
Tot Ion:244 Resp: 659046

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

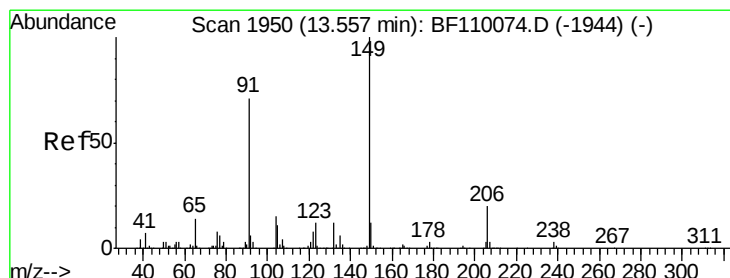
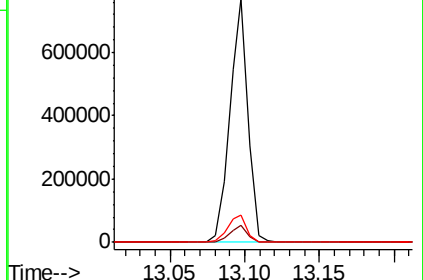
122 11.1 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.258 ng

RT: 13.56 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

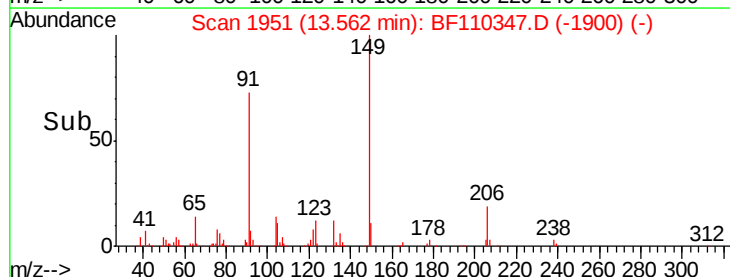
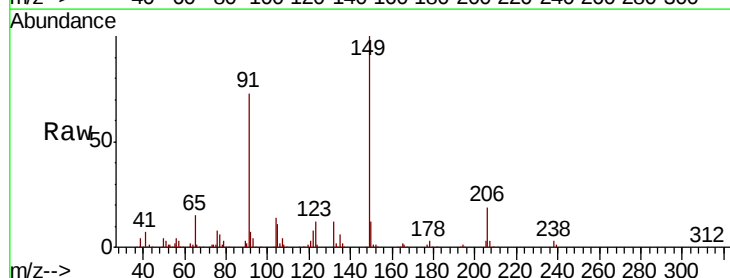
Tgt Ion:149 Resp: 235295

Ion Ratio Lower Upper

149 100

91 73.1 57.2 85.8

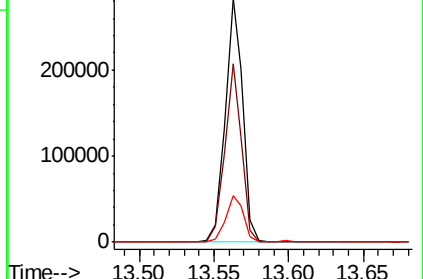
206 19.3 15.7 23.5



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: 40.167 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

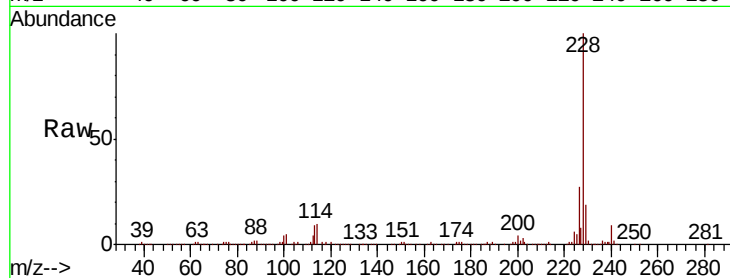
Tot Ion:228 Resp: 406967

Ion Ratio Lower Upper

228 100

226 26.6 22.1 33.1

229 19.2 15.6 23.4

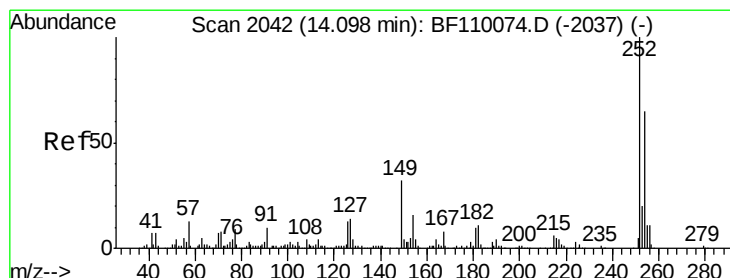
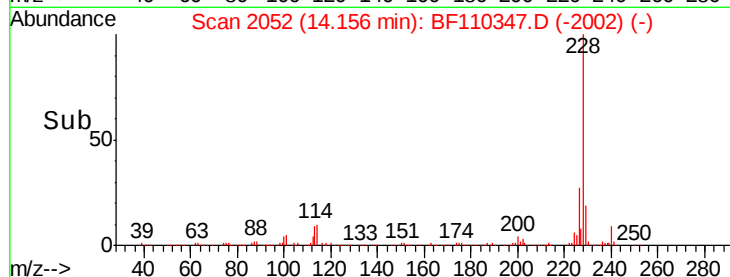
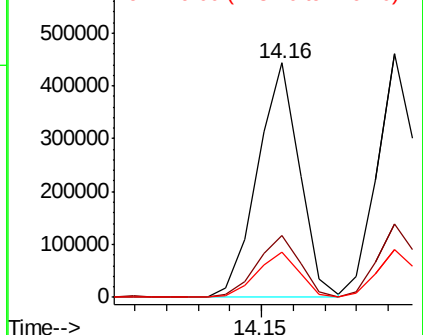


Abundance

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: 33.791 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

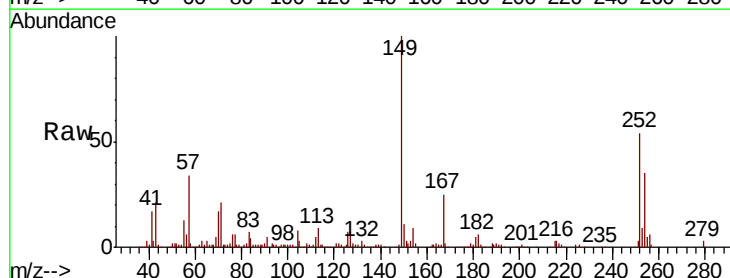
Tgt Ion:252 Resp: 119217

Ion Ratio Lower Upper

252 100

254 63.9 51.3 76.9

126 12.6 9.4 14.2

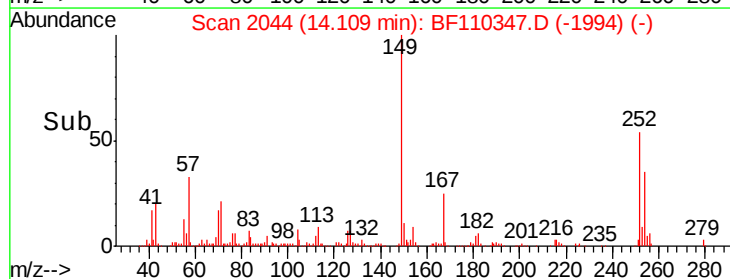
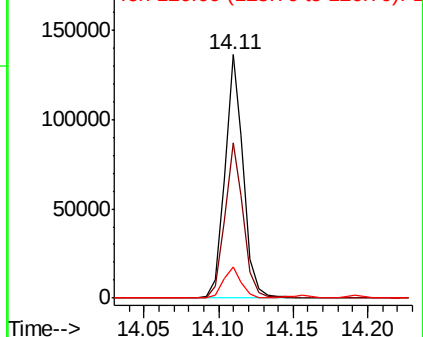


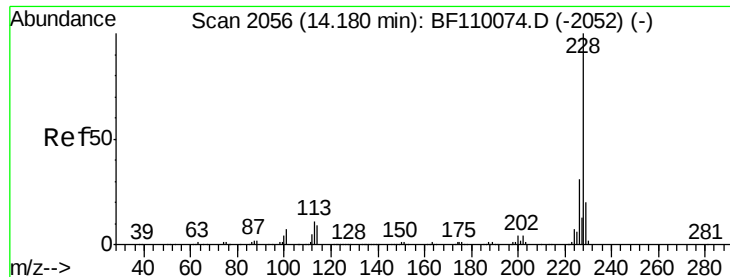
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.332 ng

RT: 14.19 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Instrument :

BNA_F

ClientSampleId :

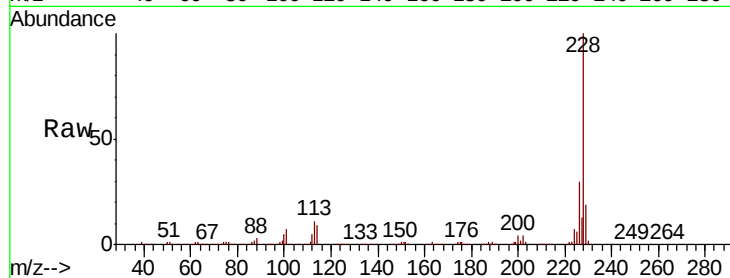
Tot Ion:228 Resp: 378509

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

229 19.5 15.9 23.9

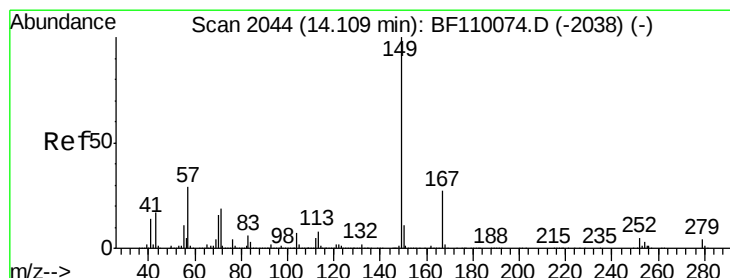
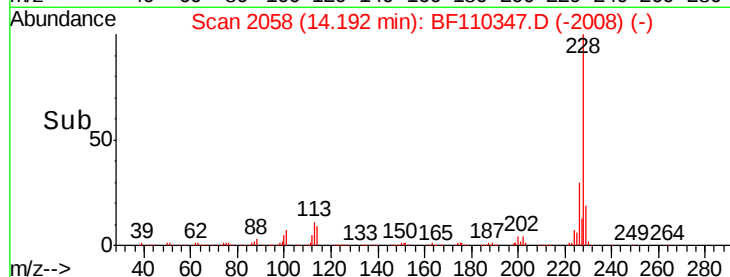
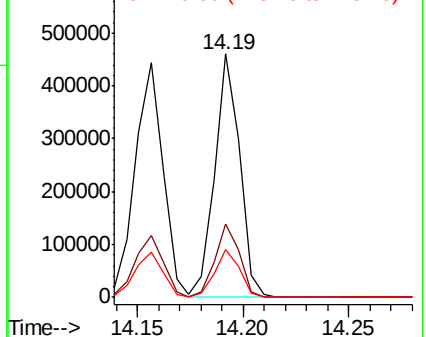


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.650 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

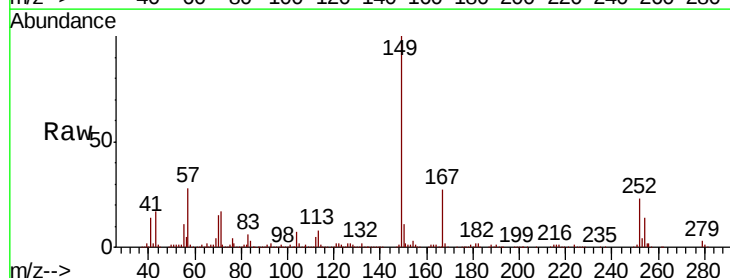
Tgt Ion:149 Resp: 313699

Ion Ratio Lower Upper

149 100

167 26.9 19.8 29.8

279 3.4 2.7 4.1

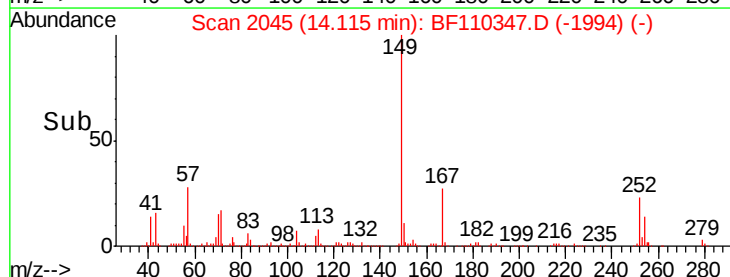
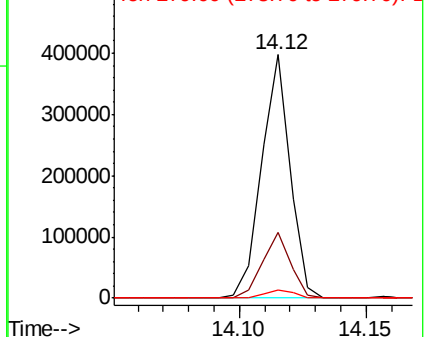


Abundance

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

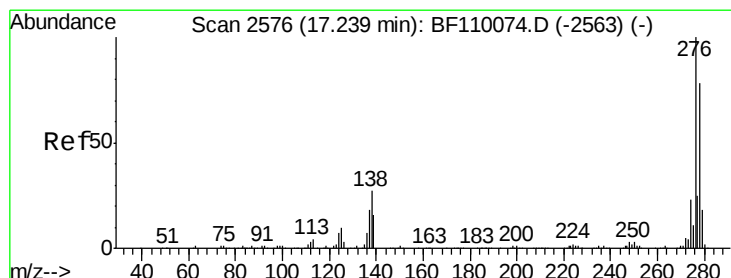
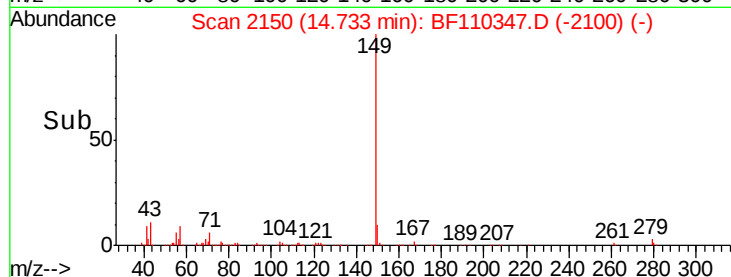
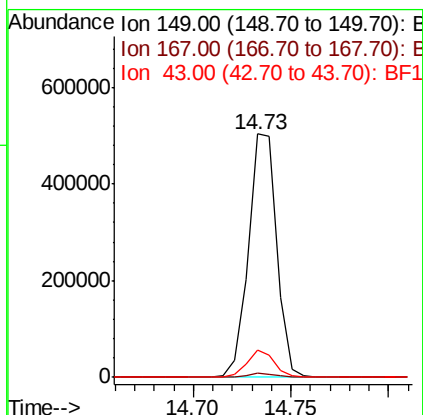
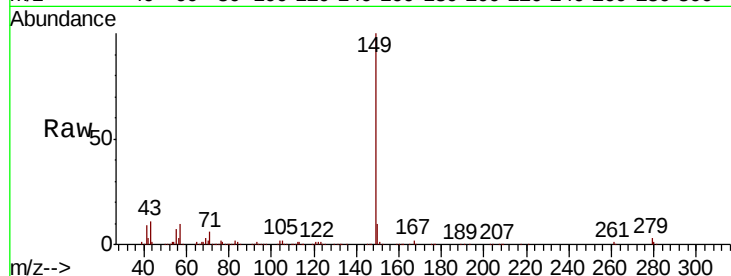




#85
Di-n-octyl phthalate
Concen: 45.220 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

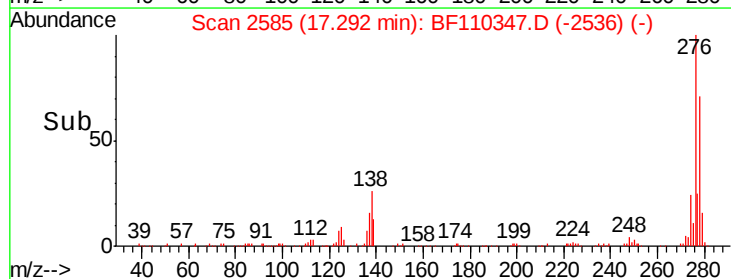
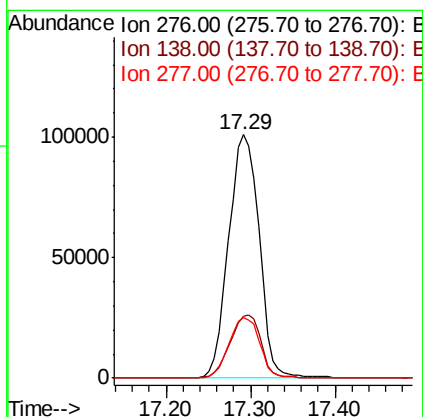
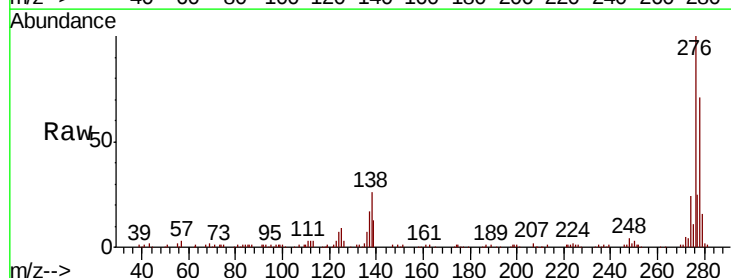
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.4	7.8	11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 31.570 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	18.5	27.7
277	25.0	20.0	30.0



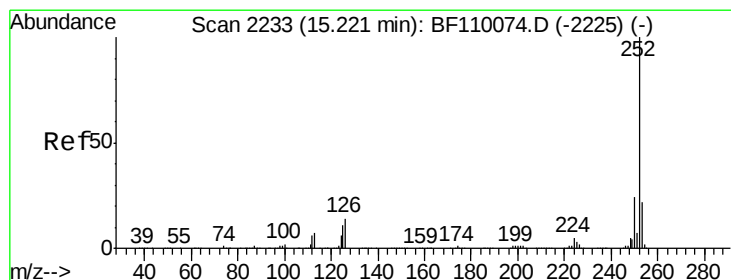
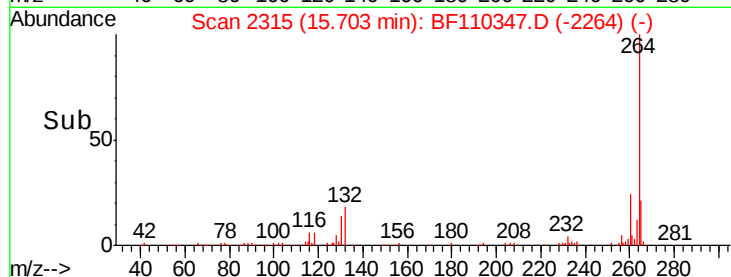
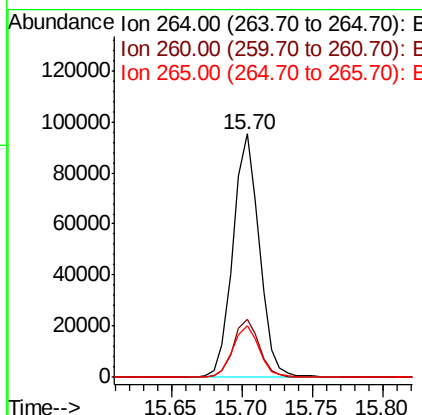
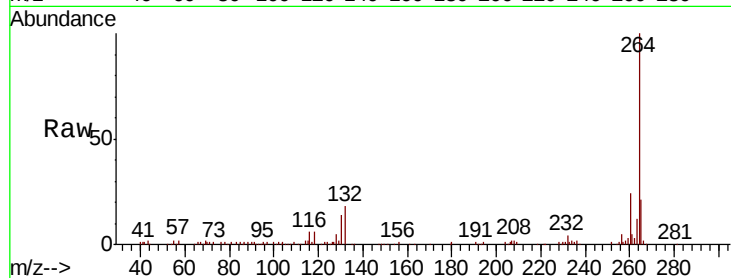


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 124098

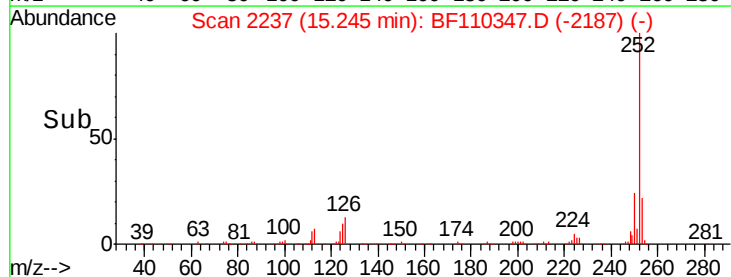
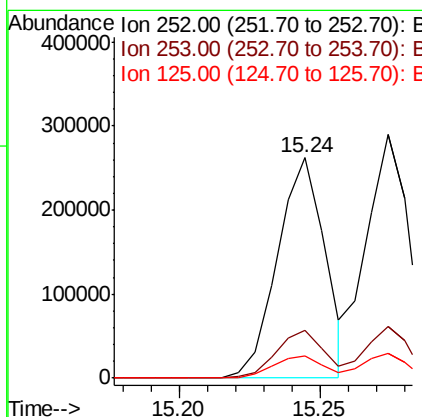
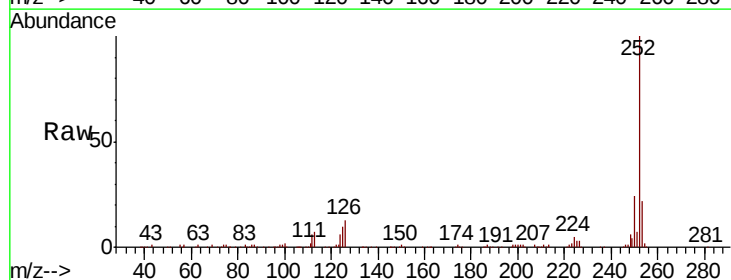
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	20.9	16.7	25.1

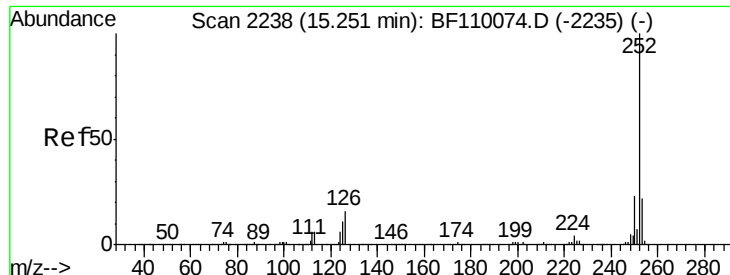


#88
Benzo(b)fluoranthene
Concen: 42.727 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion:252 Resp: 306190

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.9	8.2	12.4

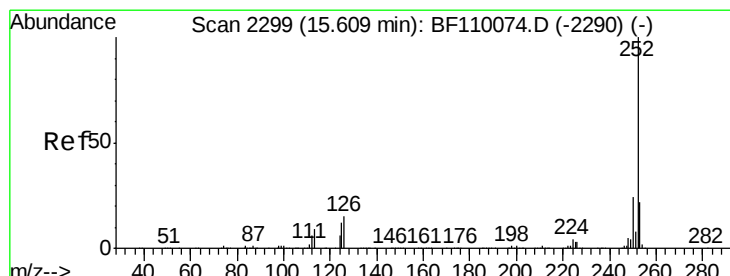
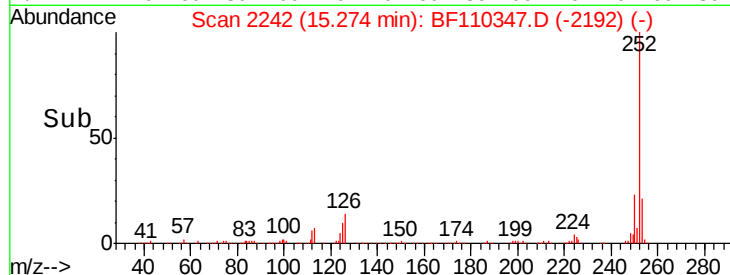
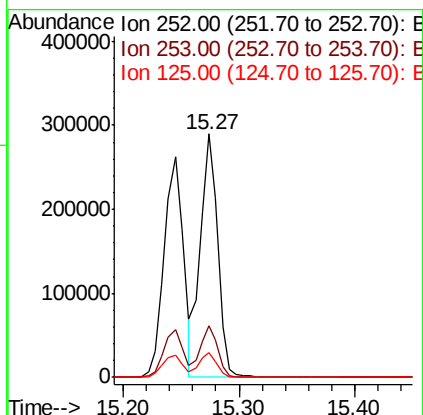
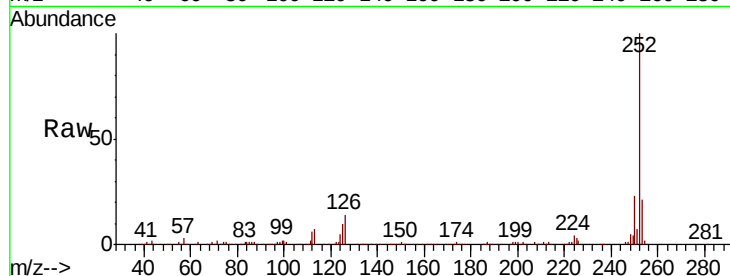




#89
Benzo(k)fluoranthene
Concen: 43.738 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

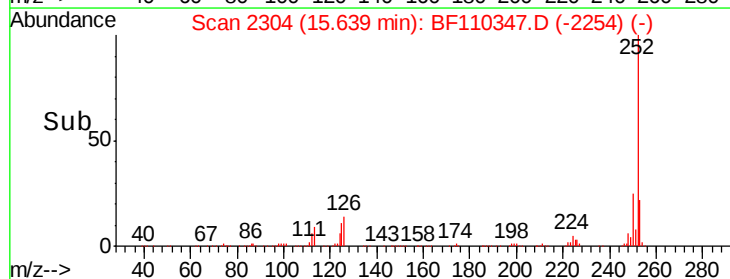
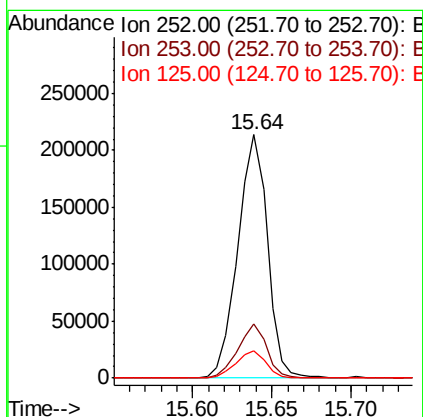
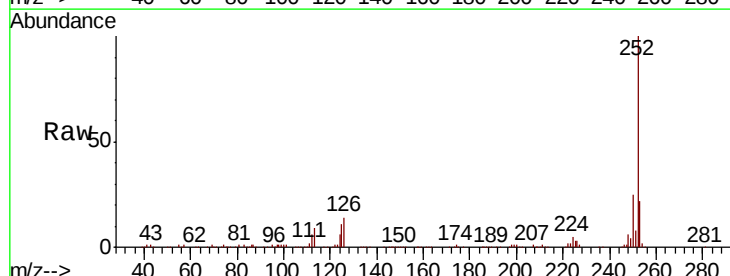
Instrument :
BNA_F
ClientSampleId :

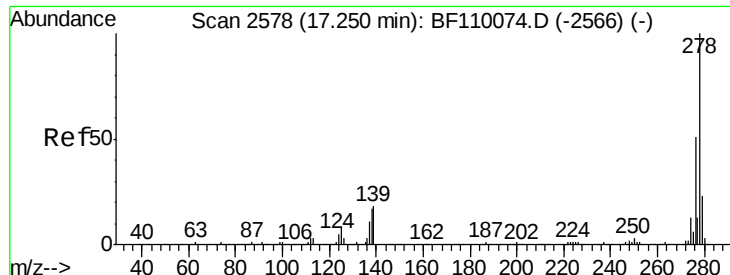
Tot Ion:252 Resp: 308140
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.4 7.4 11.0



#90
Benzo(a)pyrene
Concen: 41.967 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF110347.D
Acq: 31 Oct 2018 21:50

Tgt Ion:252 Resp: 276732
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 37.444 ng

RT: 17.30 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

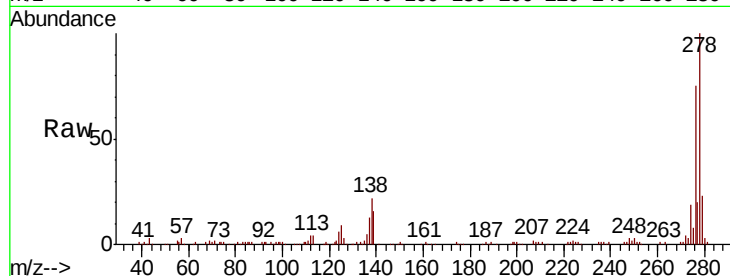
Instrument :

BNA_F

ClientSampled :

Tot Ion:278 Resp: 213048

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.7	19.1
279	22.9	19.0	28.4

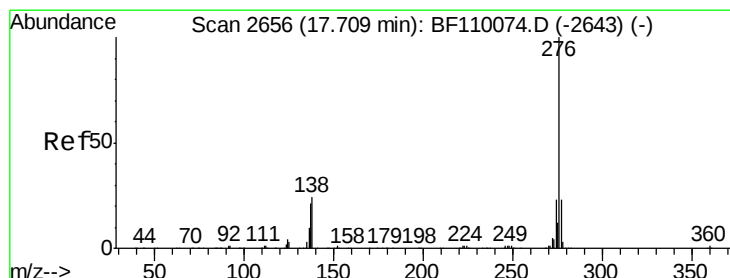
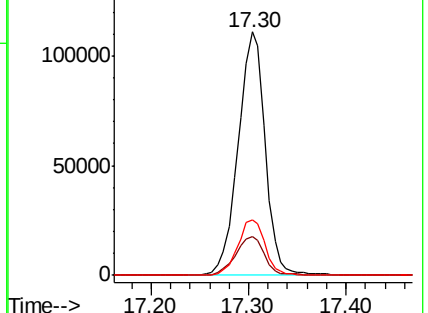
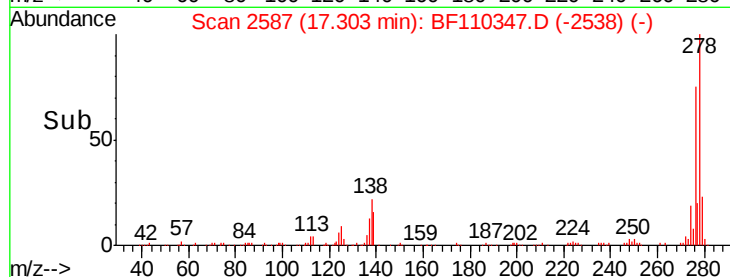


Abundance

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: 35.667 ng

RT: 17.77 min Scan# 2667

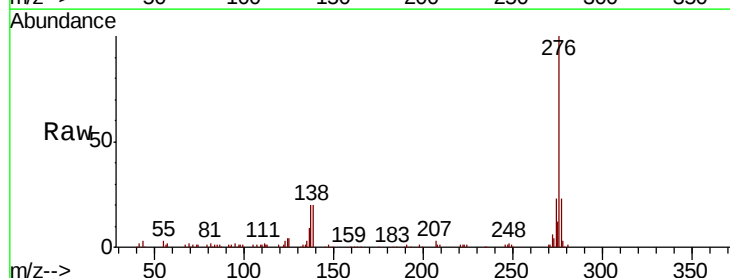
Delta R.T. -0.02 min

Lab File: BF110347.D

Acq: 31 Oct 2018 21:50

Tgt Ion:276 Resp: 199974

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.8	28.2
138	20.2	16.0	24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

