

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111873.D
 Acq On : 7 Jan 2019 12:43
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 13:11:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 12:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	163448	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	587417	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	304534	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	516620	20.00	ng	0.00
76) Chrysene-d12	14.06	240	258665	20.00	ng	0.00
87) Perylene-d12	15.53	264	189991	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1039154	108.37	ng	0.00
7) Phenol-d6	6.54	99	1342526	110.01	ng	0.00
23) Nitrobenzene-d5	7.46	82	1320100	130.81	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	425553	118.26	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2284682	109.35	ng	0.00
79) Terphenyl-d14	13.00	244	2617281	191.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	250033	55.421	ng	100
3) Pyridine	3.44	79	656633	55.866	ng	98
4) n-Nitrosodimethylamine	3.40	42	334120	58.085	ng	98
6) Aniline	6.56	93	818688	52.630	ng	# 81
8) 2-Chlorophenol	6.69	128	599750	56.462	ng	98
9) Benzaldehyde	6.44	77	337117	40.166	ng	98
10) Phenol	6.56	94	750853	54.531	ng	95
11) bis(2-Chloroethyl)ether	6.63	93	580878	56.297	ng	99
12) 1,3-Dichlorobenzene	6.83	146	700927	56.940	ng	97
13) 1,4-Dichlorobenzene	6.91	146	703399	56.342	ng	98
14) 1,2-Dichlorobenzene	7.07	146	652284	56.001	ng	99
15) Benzyl Alcohol	7.04	79	554971	57.261	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	935053	49.205	ng	99
17) 2-Methylphenol	7.16	107	469027	55.144	ng	94
18) Hexachloroethane	7.41	117	250939	59.648	ng	93
19) n-Nitroso-di-n-propylamine	7.32	70	456323	56.305	ng	98
20) 3+4-Methylphenols	7.31	107	589413	54.843	ng	99
22) Acetophenone	7.30	105	878445	59.029	ng	97
24) Nitrobenzene	7.48	77	657086	62.124	ng	99
25) Isophorone	7.72	82	1049599	58.585	ng	99
26) 2-Nitrophenol	7.79	139	331429	77.262	ng	97
27) 2,4-Dimethylphenol	7.83	122	460083	54.408	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	690247	57.897	ng	99
29) 2,4-Dichlorophenol	8.04	162	533948	58.705	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	595028	58.707	ng	99
31) Naphthalene	8.20	128	1616445	57.271	ng	99
32) Benzoic acid	7.98	122	320408	57.307	ng	99
33) 4-Chloroaniline	8.25	127	704209	57.726	ng	95
34) Hexachlorobutadiene	8.32	225	377298	61.079	ng	99
35) Caprolactam	8.64	113	171742	55.724	ng	91
36) 4-Chloro-3-methylphenol	8.74	107	531832	59.484	ng	97
37) 2-Methylnaphthalene	8.89	142	1055136	57.460	ng	99
38) 1-Methylnaphthalene	8.99	142	1027062	58.236	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	576474	57.607	ng	99

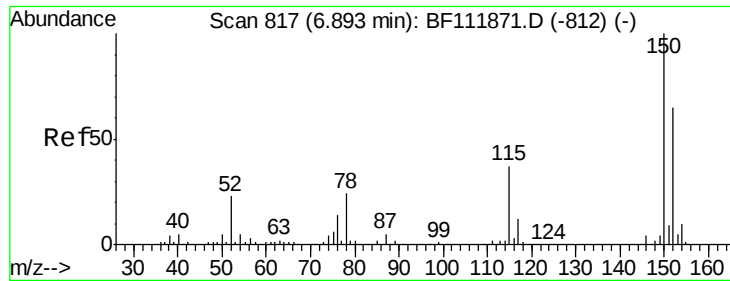
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111873.D
 Acq On : 7 Jan 2019 12:43
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 12:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	358818	73.891	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	383180	57.352	ng	98
44) 2,4,5-Trichlorophenol	9.22	196	388010	56.609	ng	95
46) 1,1'-Biphenyl	9.36	154	1436850	55.893	ng	99
47) 2-Chloronaphthalene	9.38	162	1141586	56.049	ng	97
48) 2-Nitroaniline	9.47	65	372612	70.322	ng	99
49) Acenaphthylene	9.80	152	1706796	57.395	ng	100
50) Dimethylphthalate	9.66	163	1351133	60.671	ng	99
51) 2,6-Dinitrotoluene	9.72	165	303498	68.347	ng	93
52) Acenaphthene	9.97	154	1108273	60.425	ng	98
53) 3-Nitroaniline	9.89	138	325433	68.717	ng	99
54) 2,4-Dinitrophenol	9.99	184	142496	118.916	ng	98
55) Dibenzofuran	10.14	168	1571123	56.699	ng	95
56) 4-Nitrophenol	10.06	139	234632	64.920	ng	94
57) 2,4-Dinitrotoluene	10.12	165	387187	72.548	ng	96
58) Fluorene	10.49	166	1107905	55.486	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	339544	58.865	ng	99
60) Diethylphthalate	10.35	149	1261190	57.733	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	619198	56.129	ng	98
62) 4-Nitroaniline	10.51	138	292855	63.624	ng	95
63) Azobenzene	10.63	77	1223344	55.782	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	209109	108.352	ng	94
66) n-Nitrosodiphenylamine	10.59	169	1090311	62.871	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	412320	64.347	ng	98
68) Hexachlorobenzene	11.03	284	437141	61.186	ng	94
69) Atrazine	11.12	200	327482	54.357	ng	98
70) Pentachlorophenol	11.23	266	256608	58.098	ng	98
71) Phenanthrene	11.44	178	1547911	56.497	ng	99
72) Anthracene	11.50	178	1473458	53.579	ng	100
73) Carbazole	11.65	167	1675194	62.742	ng	99
74) Di-n-butylphthalate	11.97	149	1719483	57.439	ng	99
75) Fluoranthene	12.63	202	1684595	60.718	ng	98
77) Benzidine	12.74	184	697489	71.659	ng	97
78) Pyrene	12.86	202	1797165	98.387	ng	99
80) Butylbenzylphthalate	13.47	149	657485	88.303	ng	94
81) Benzo(a)anthracene	14.05	228	905069	61.311	ng	100
82) 3,3'-Dichlorobenzidine	14.01	252	304228	52.160	ng	99
83) Chrysene	14.09	228	850329	58.608	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	642130	68.466	ng	# 99
85) Di-n-octyl phthalate	14.64	149	856826	58.965	ng	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	667113	54.088	ng	97
88) Benzo(b)fluoranthene	15.10	252	719485	64.796	ng	98
89) Benzo(k)fluoranthene	15.10	252	719485	68.061	ng	99
90) Benzo(a)pyrene	15.48	252	609424	60.411	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	553516	62.659	ng	97
92) Benzo(g,h,i)perylene	17.49	276	541770	62.807	ng	96

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

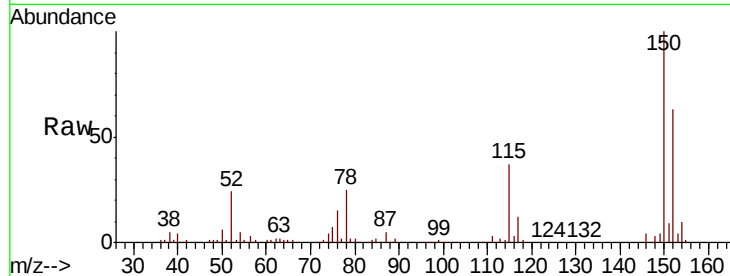


#1

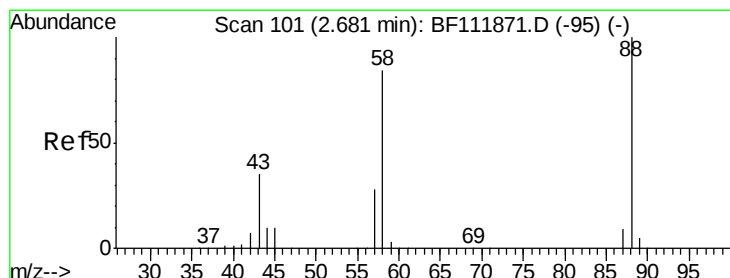
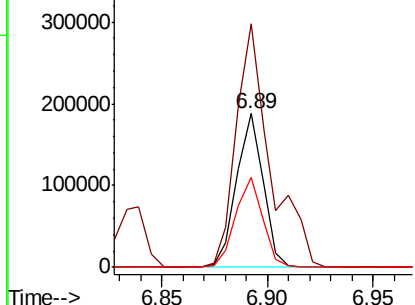
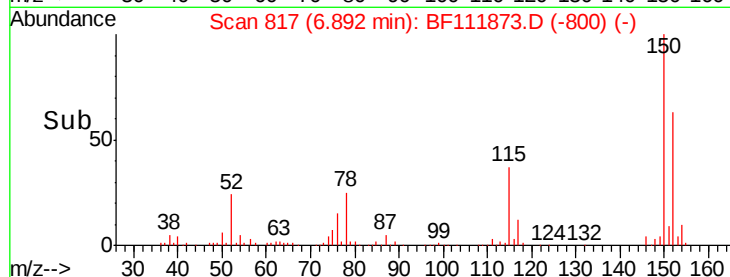
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163448
Ion Ratio Lower Upper
152 100
150 158.5 122.7 184.1
115 58.2 45.2 67.8



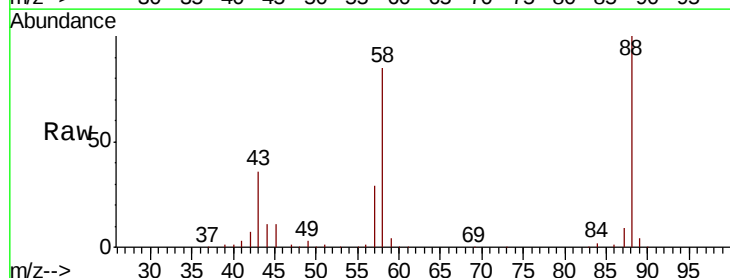
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



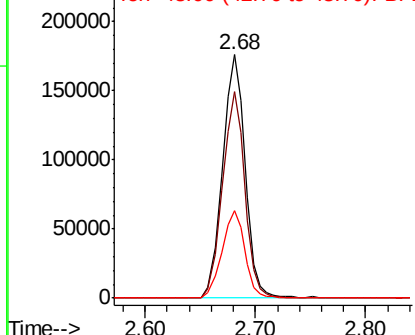
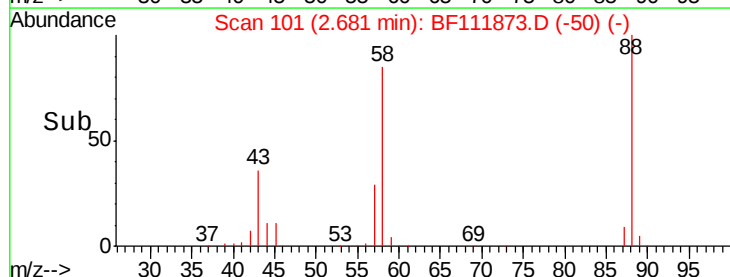
#2

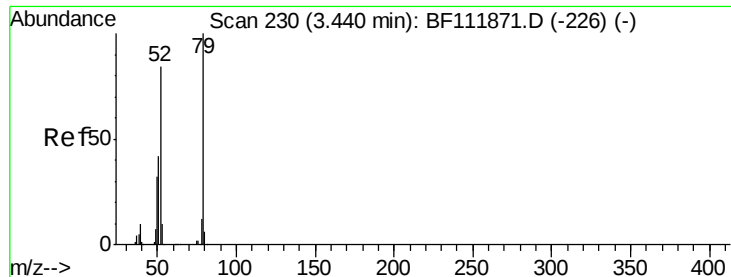
1,4-Dioxane
Concen: 55.421 ng
RT: 2.68 min Scan# 101
Delta R.T. -0.00 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion: 88 Resp: 250033
Ion Ratio Lower Upper
88 100
58 84.2 67.6 101.4
43 36.4 29.0 43.6



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: 55.866 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

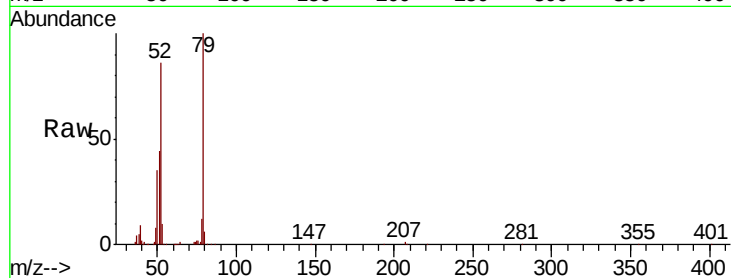
Tot Ion: 79 Resp: 656633

Ion Ratio Lower Upper

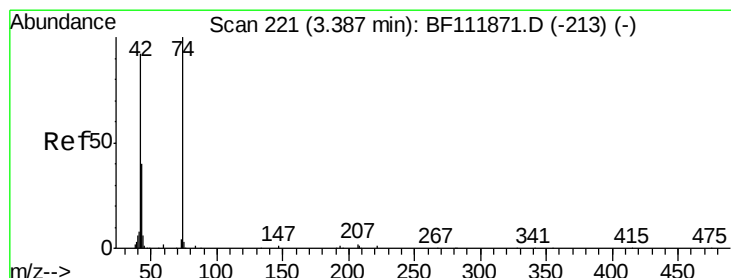
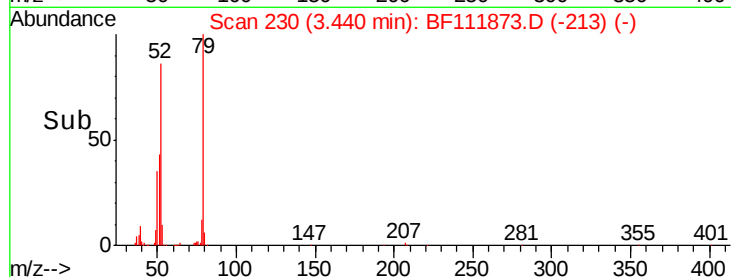
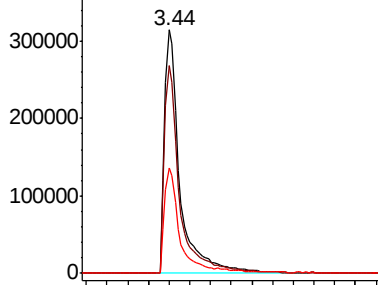
79 100

52 85.5 67.0 100.6

51 43.5 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 58.085 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.02 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

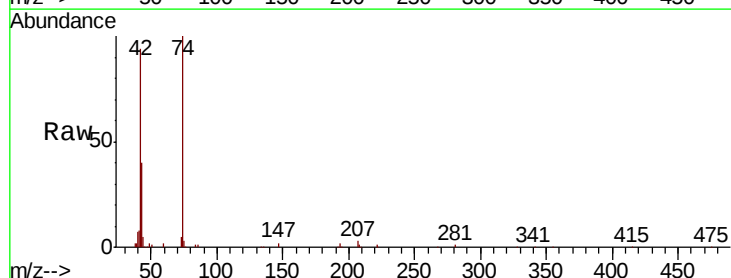
Tgt Ion: 42 Resp: 334120

Ion Ratio Lower Upper

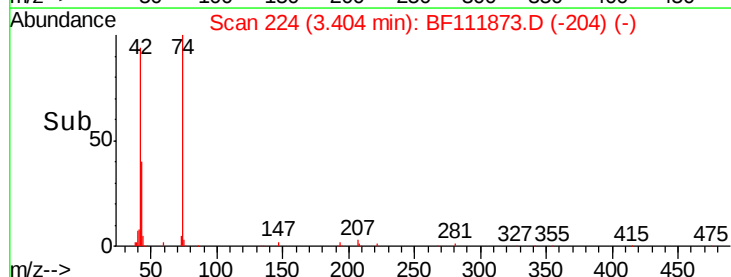
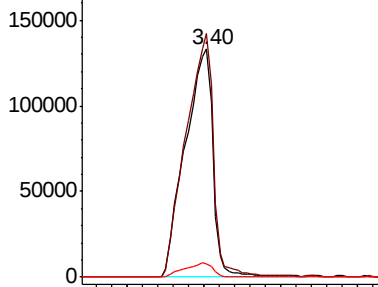
42 100

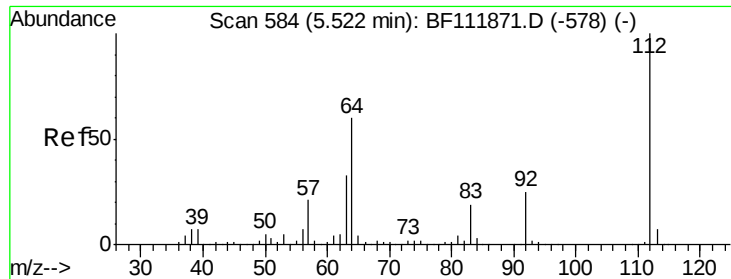
74 106.8 87.0 130.6

44 5.9 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 108.369 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :
BNA_F
ClientSampled :

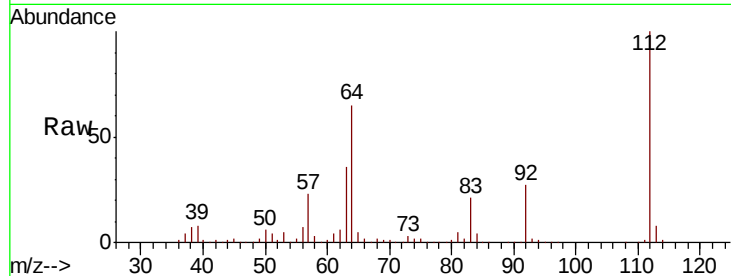
Tot Ion:112 Resp: 1039154

Ion Ratio Lower Upper

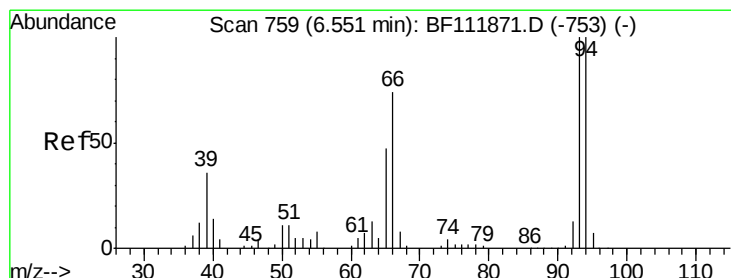
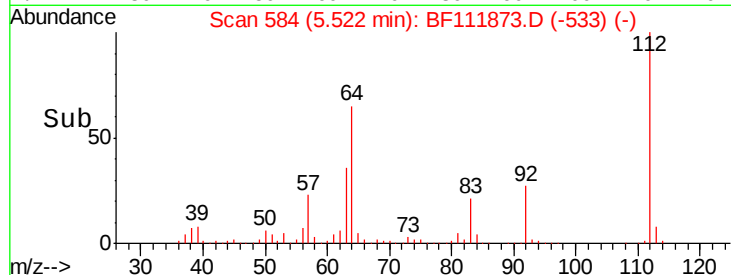
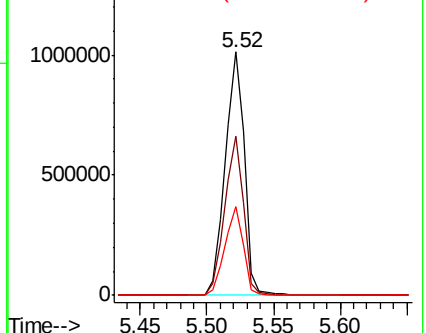
112 100

64 65.2 48.3 72.5

63 36.3 26.1 39.1



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: 52.630 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

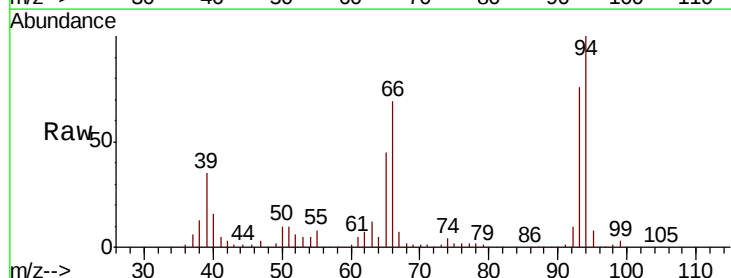
Tgt Ion: 93 Resp: 818688

Ion Ratio Lower Upper

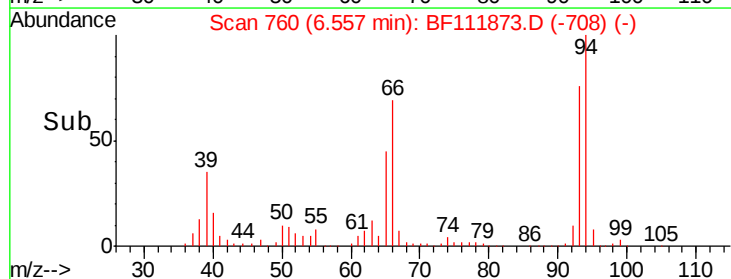
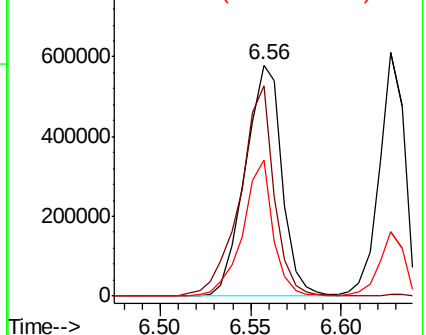
93 100

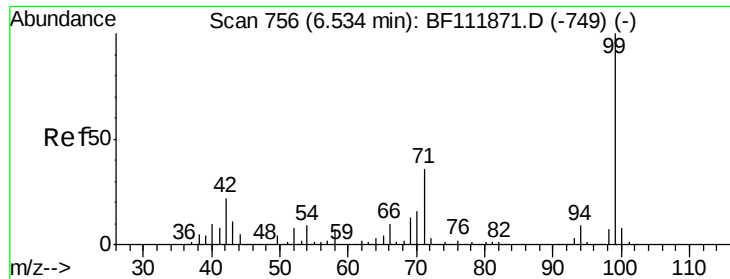
66 91.0 60.0 90.0#

65 59.0 37.5 56.3#



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: 110.012 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampled :

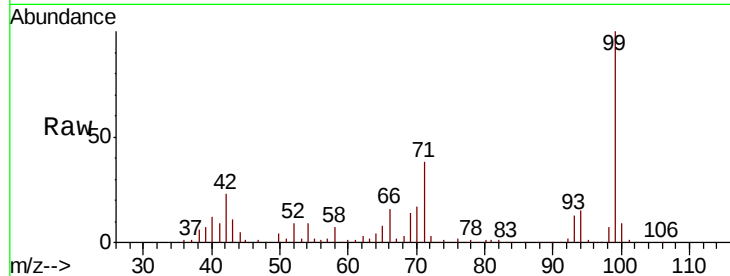
Tot Ion: 99 Resp: 1342526

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

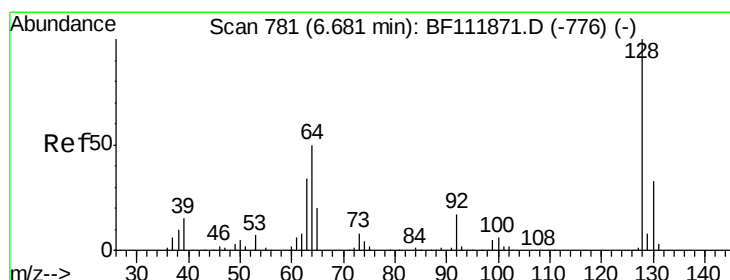
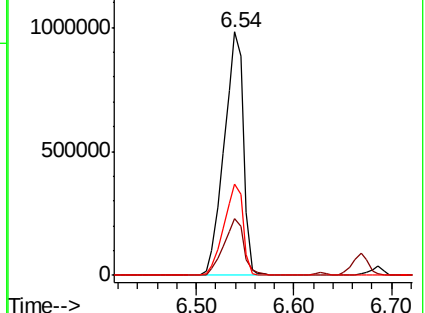
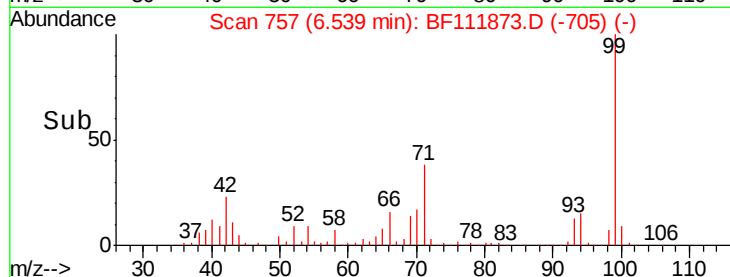
71 37.7 28.7 43.1



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: 56.462 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

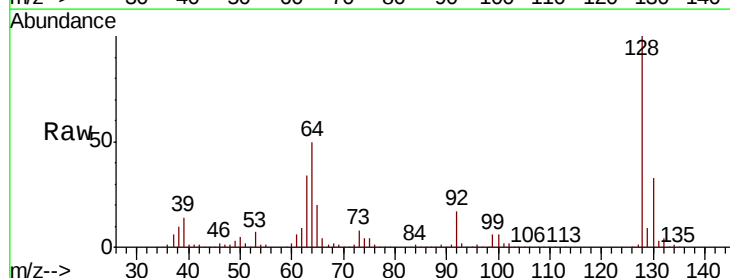
Tgt Ion:128 Resp: 599750

Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

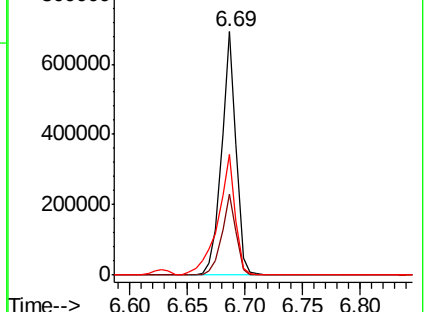
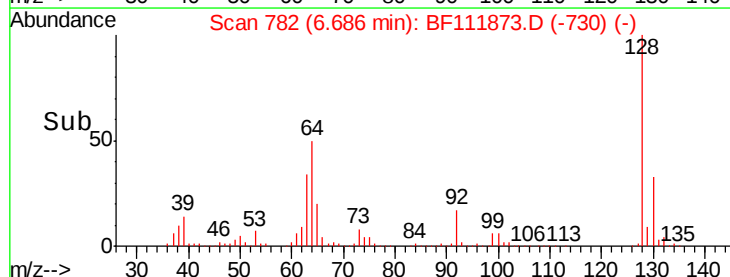
64 49.5 31.8 71.8

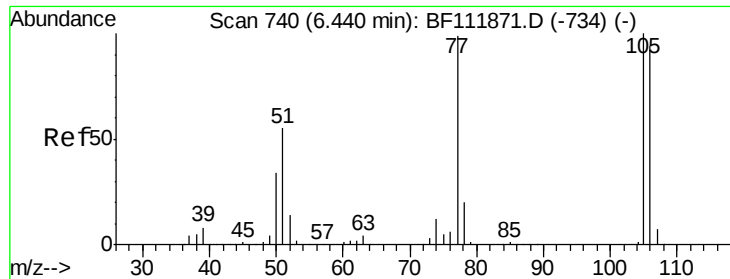


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.166 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

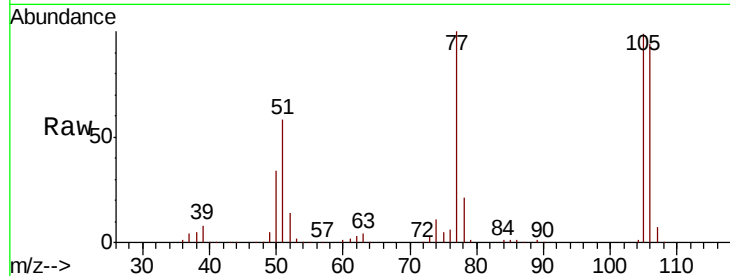
Tot Ion: 77 Resp: 337117

Ion Ratio Lower Upper

77 100

105 98.7 80.6 120.6

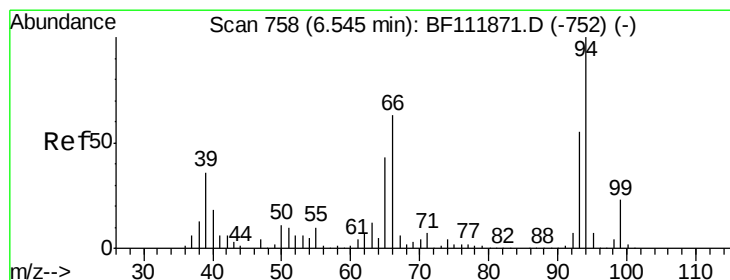
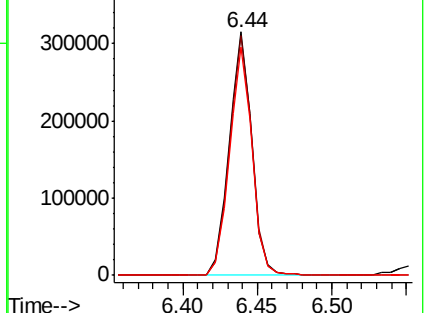
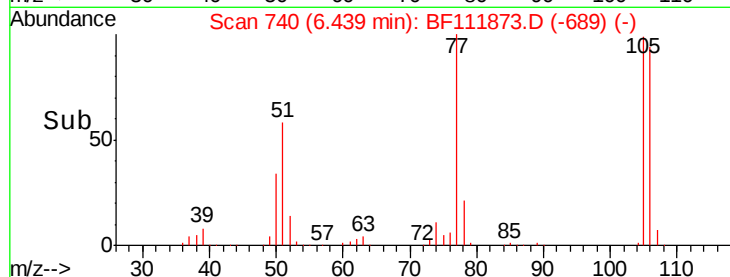
106 93.5 74.6 114.6



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: 54.531 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

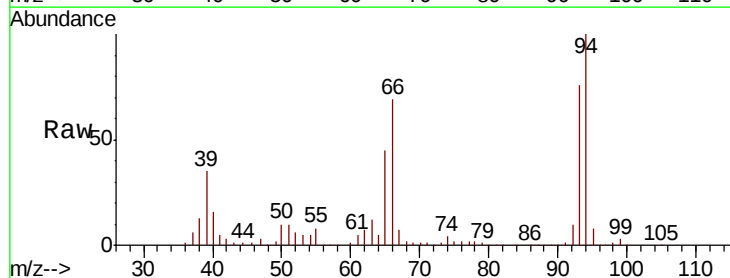
Tgt Ion: 94 Resp: 750853

Ion Ratio Lower Upper

94 100

65 44.7 22.8 62.8

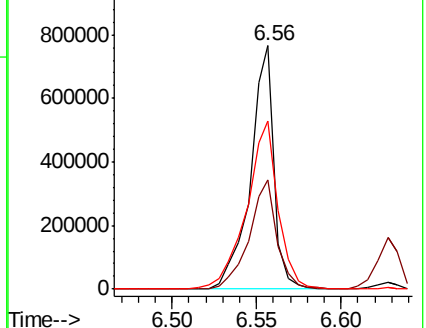
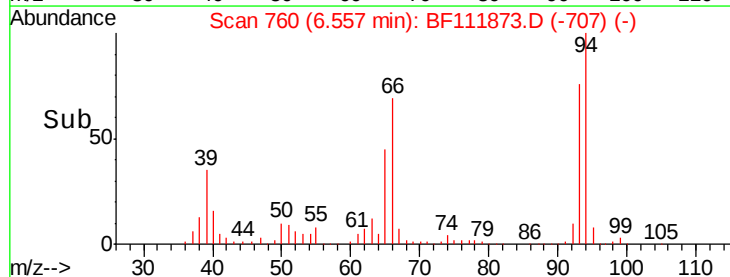
66 68.9 43.3 83.3

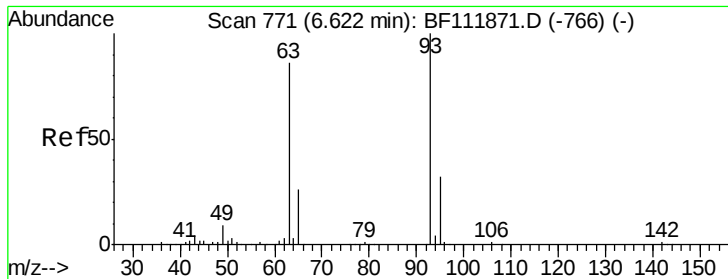


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 56.297 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

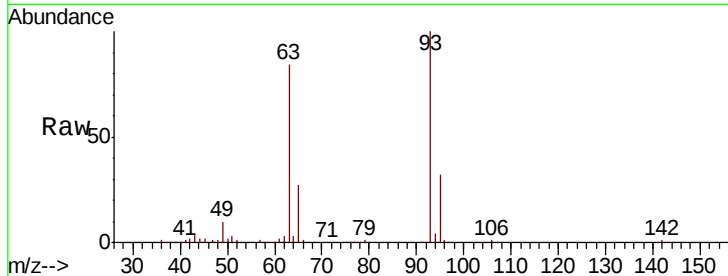
Tot Ion: 93 Resp: 580878

Ion Ratio Lower Upper

93 100

63 84.2 65.2 105.2

95 32.4 11.9 51.9

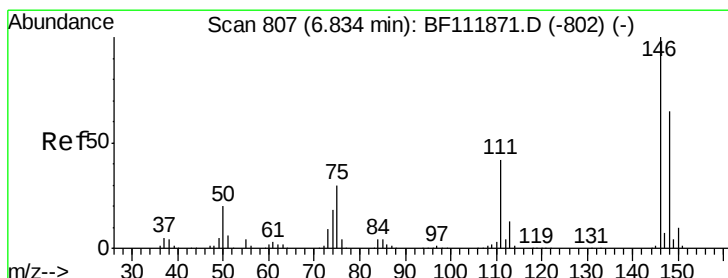
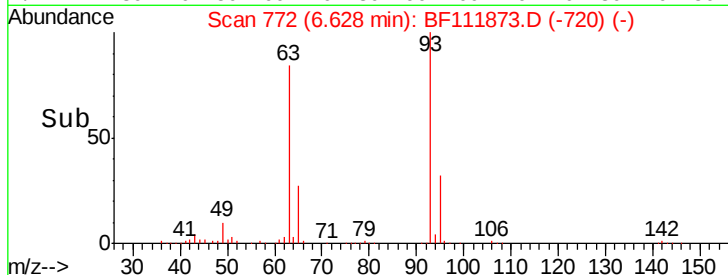
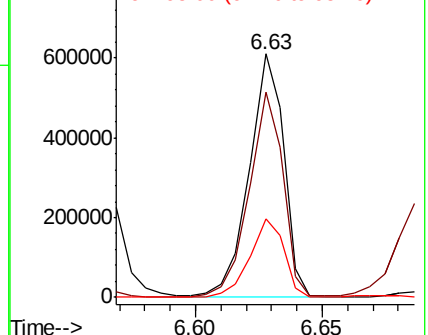


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 56.940 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

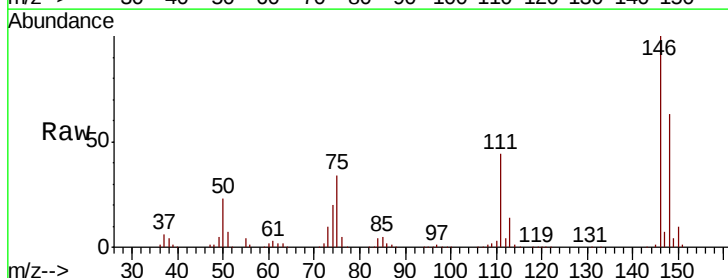
Tgt Ion: 146 Resp: 700927

Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

75 33.7 24.3 36.5

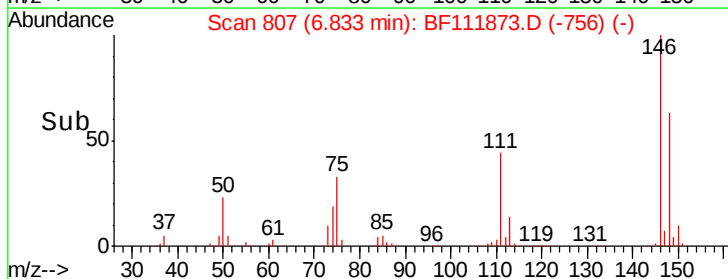
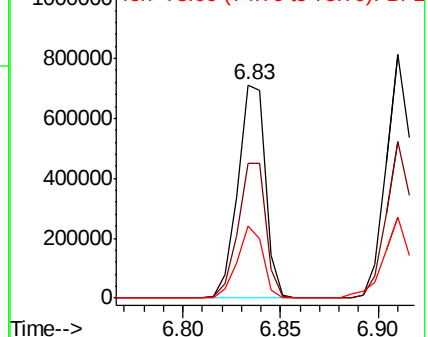


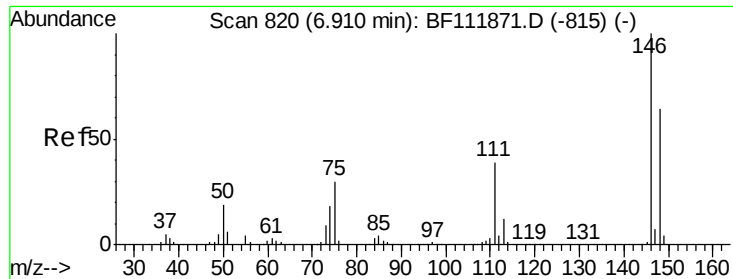
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

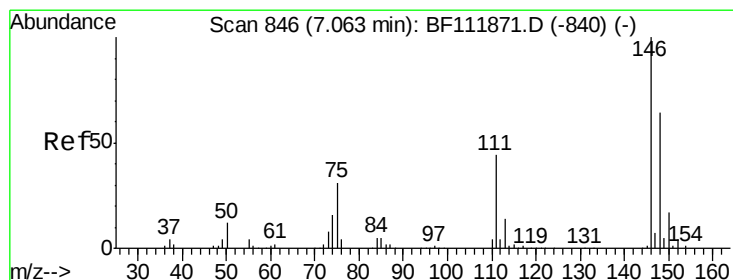
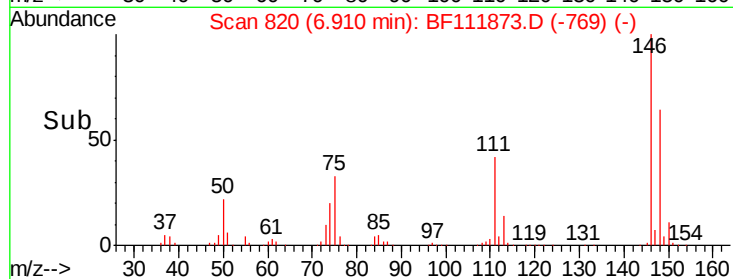
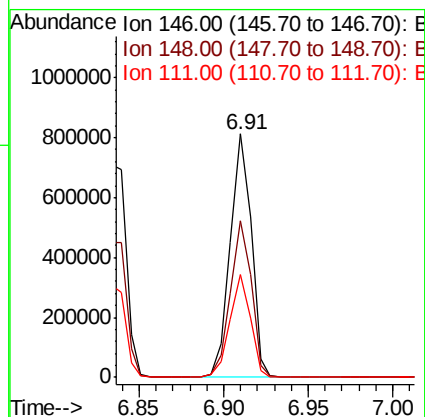
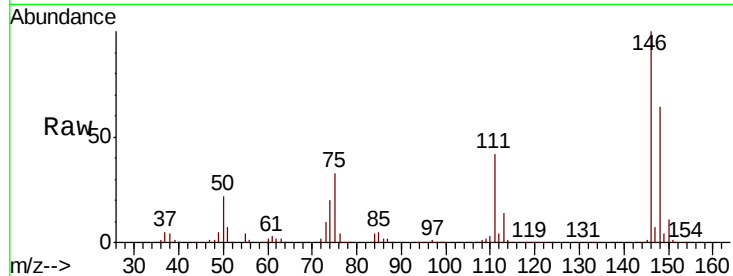




#13
1,4-Dichlorobenzene
Concen: 56.342 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

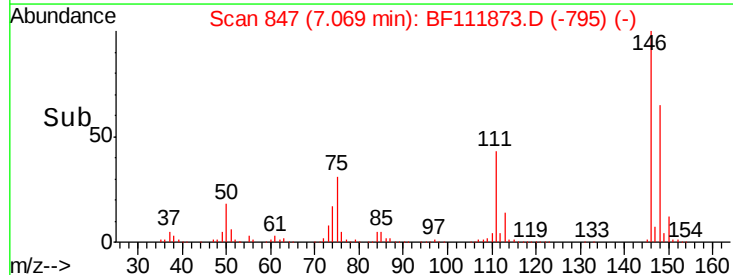
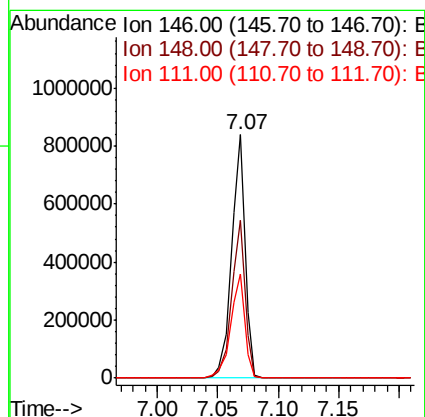
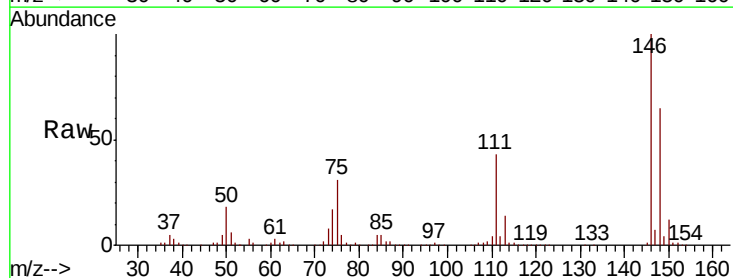
Instrument :
BNA_F
ClientSampled :

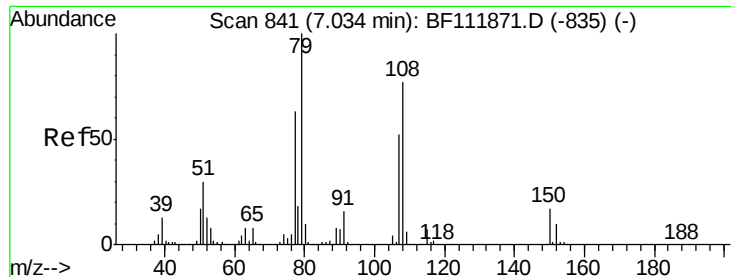
Tot Ion:146 Resp: 703399
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
111 42.3 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 56.001 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion:146 Resp: 652284
Ion Ratio Lower Upper
146 100
148 65.1 51.5 77.3
111 42.9 35.5 53.3





#15

Benzyl Alcohol

Concen: 57.261 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampled :

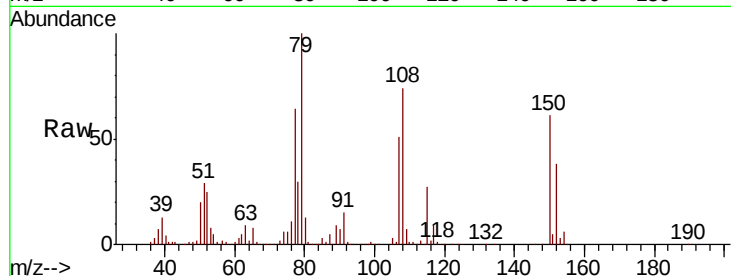
Tot Ion: 79 Resp: 554971

Ion Ratio Lower Upper

79 100

108 73.9 61.4 92.0

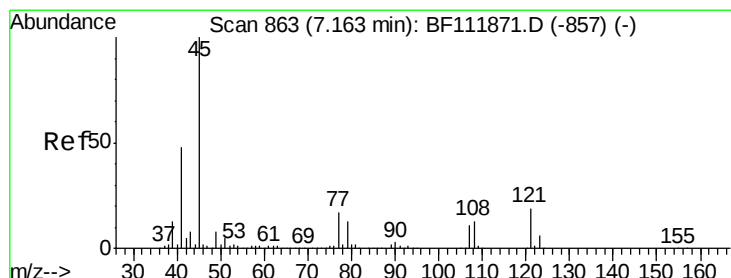
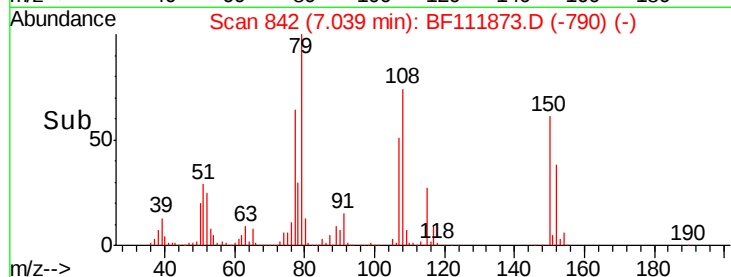
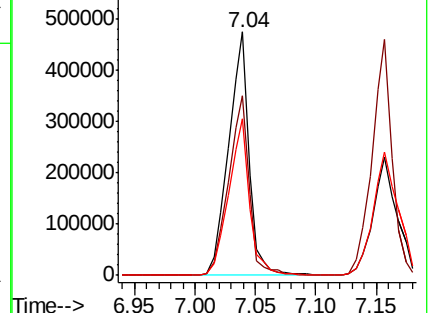
77 64.4 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.205 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

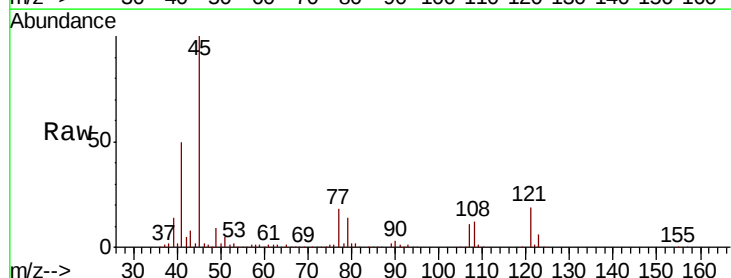
Tgt Ion: 45 Resp: 935053

Ion Ratio Lower Upper

45 100

77 17.5 0.0 37.1

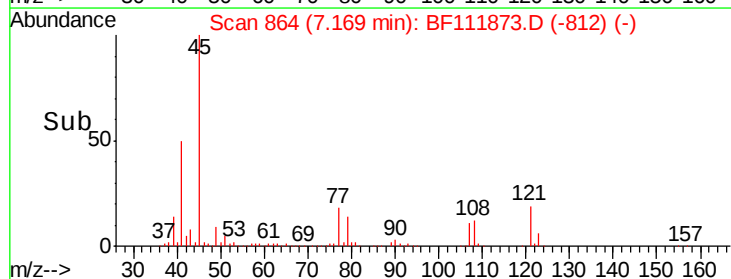
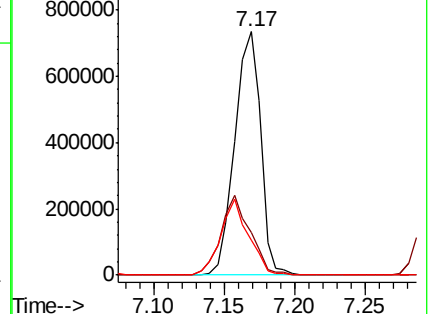
79 14.4 0.0 33.9

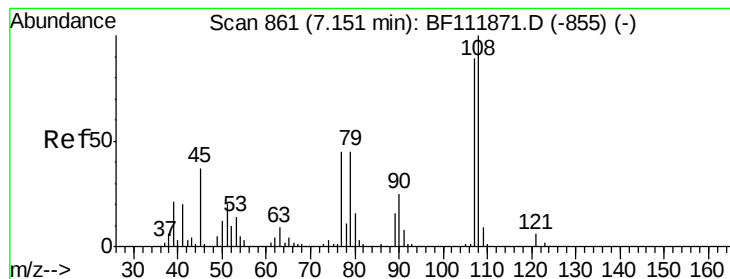


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 55.144 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 469027

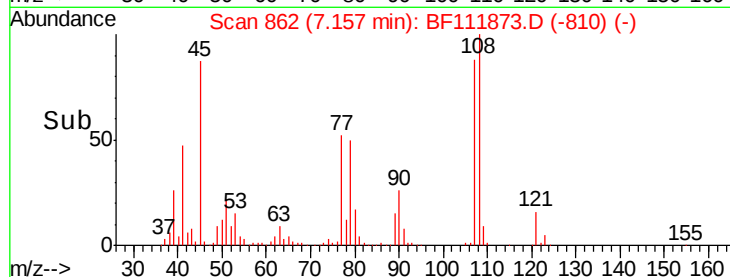
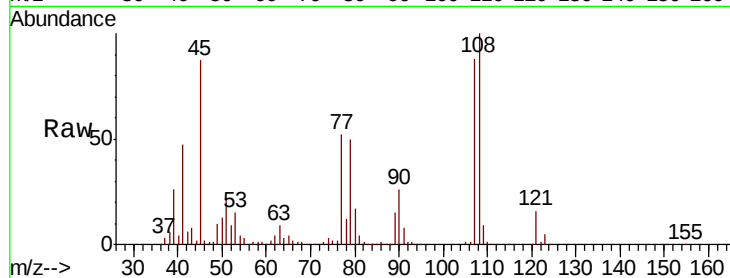
Ion Ratio Lower Upper

107 100

108 114.2 89.7 134.5

77 59.8 40.6 60.8

79 56.9 40.2 60.2

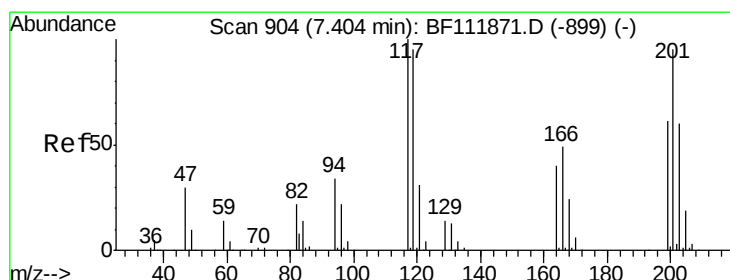
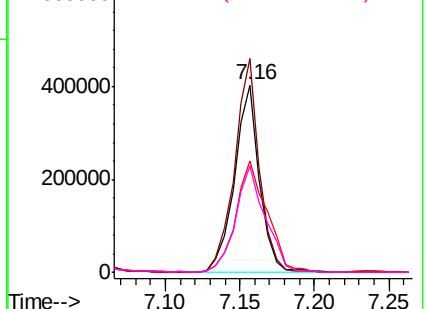


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 59.648 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

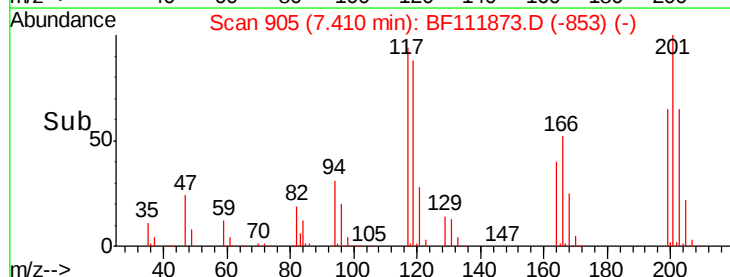
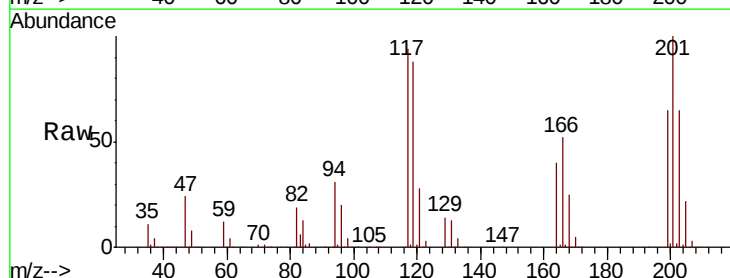
Tgt Ion:117 Resp: 250939

Ion Ratio Lower Upper

117 100

119 93.4 76.2 114.2

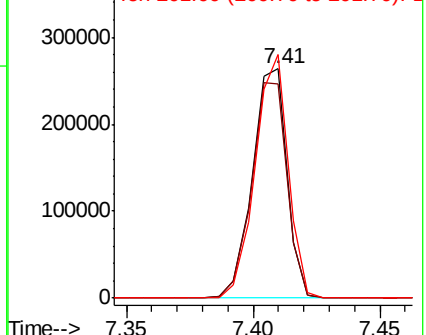
201 106.3 75.7 113.5

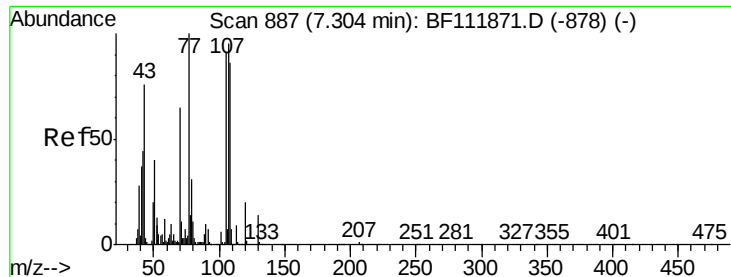


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

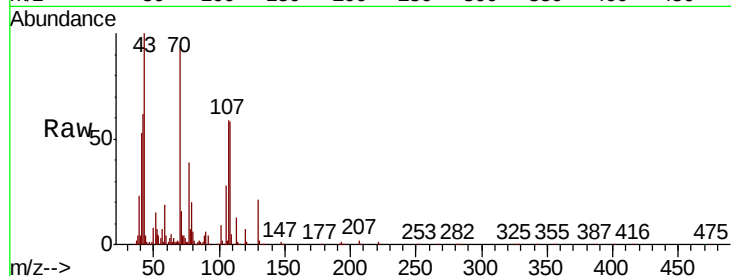




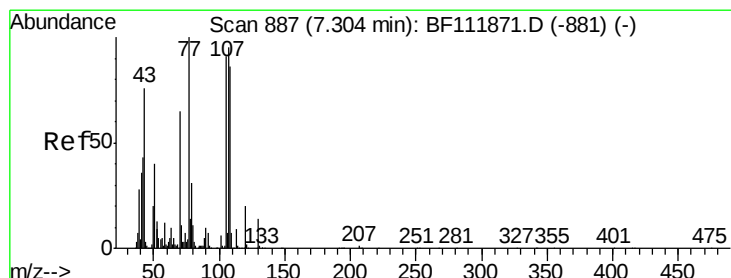
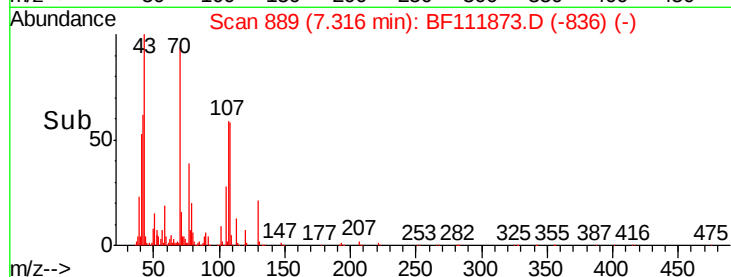
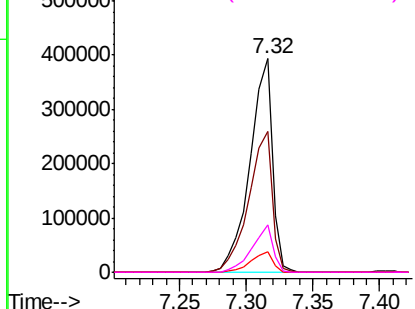
#19
n-Nitroso-di-n-propylamine
Concen: 56.305 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 456323
Ion Ratio Lower Upper
70 100
42 66.0 53.6 80.4
101 9.8 7.3 10.9
130 22.4 16.8 25.2



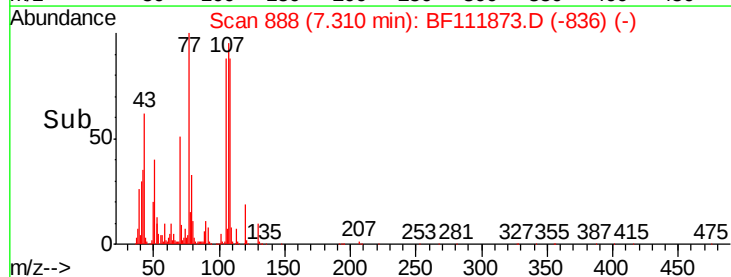
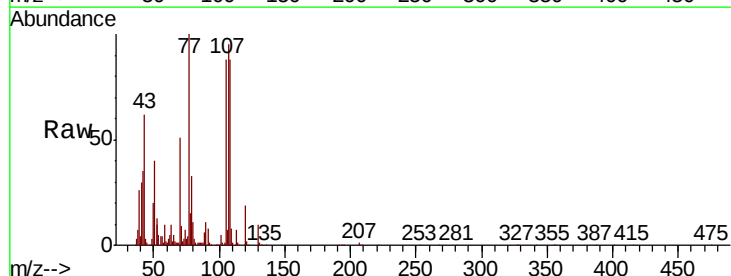
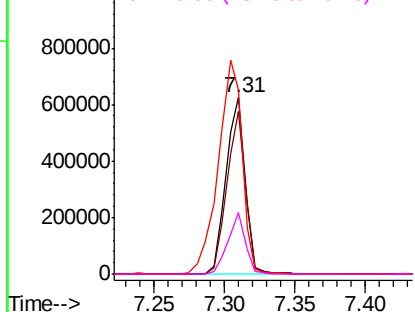
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

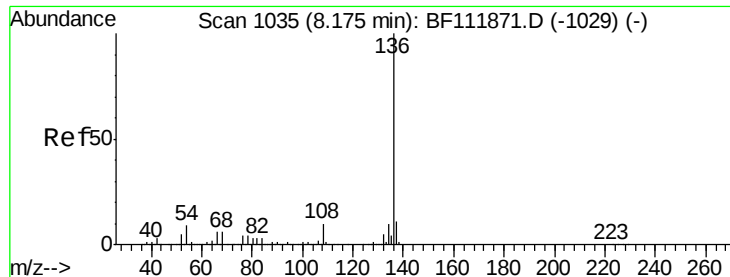


#20
3+4-Methylphenols
Concen: 54.843 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion: 107 Resp: 589413
Ion Ratio Lower Upper
107 100
108 92.6 71.1 111.1
77 104.9 85.4 125.4
79 34.7 12.4 52.4

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 587417

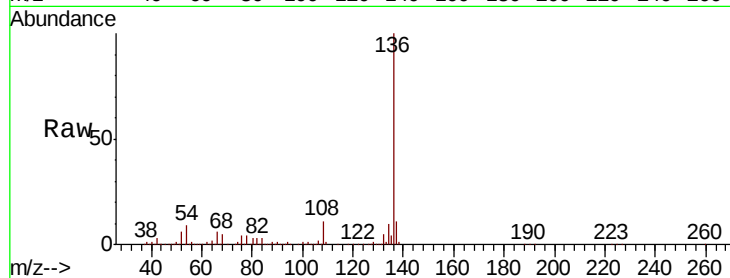
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.7 7.2 10.8

68 5.0 4.4 6.6

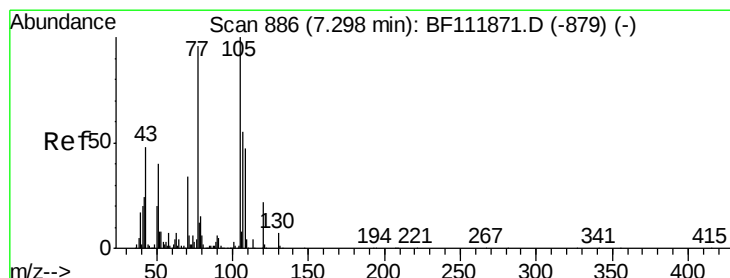
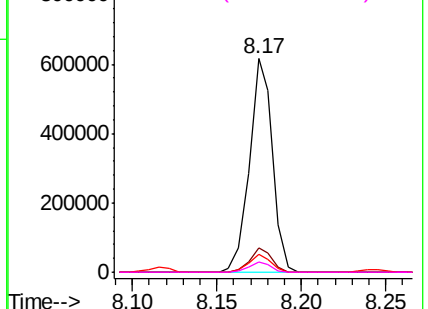
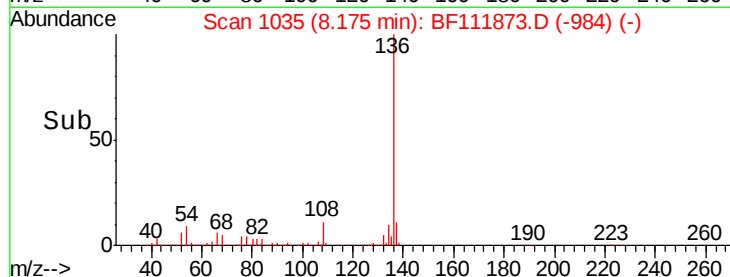


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.029 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Tgt Ion:105 Resp: 878445

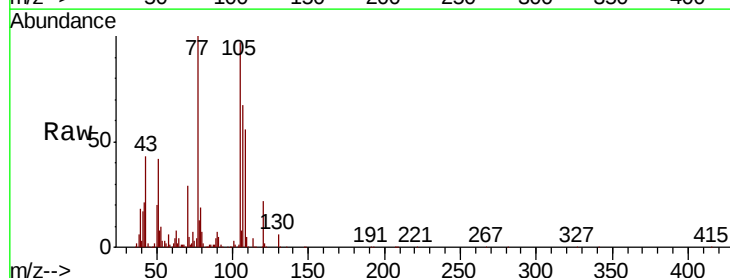
Ion Ratio Lower Upper

105 100

71 4.9 4.6 6.8

51 42.7 32.2 48.2

120 22.5 17.5 26.3

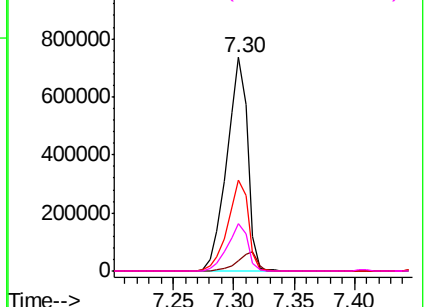
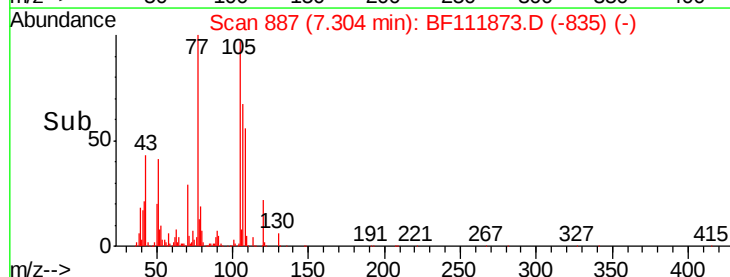


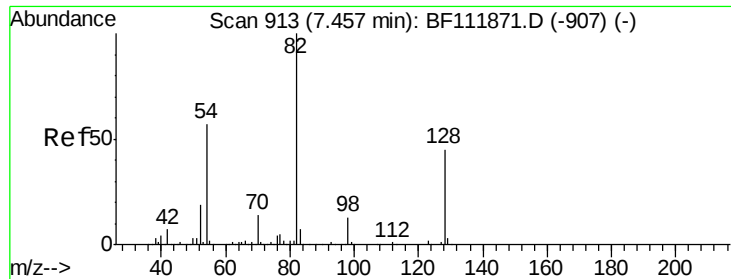
Abundance Ion 105.00 (104.70 to 105.70): E

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



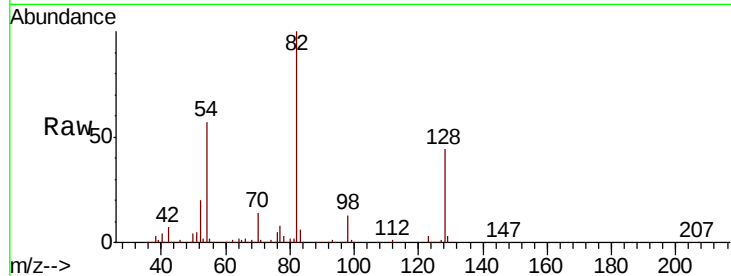


#23
 Nitrobenzene-d5
 Concen: 130.810 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111873.D
 Acq: 7 Jan 2019 12:43

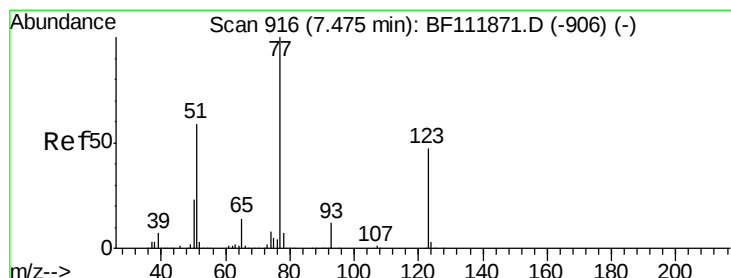
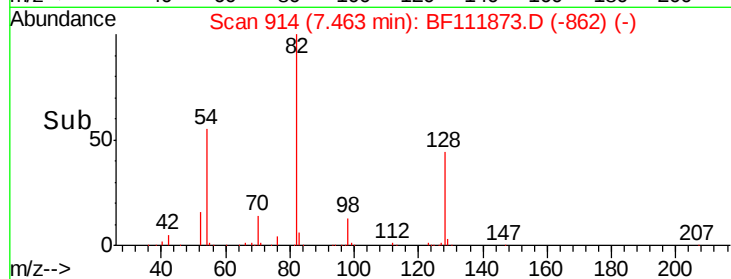
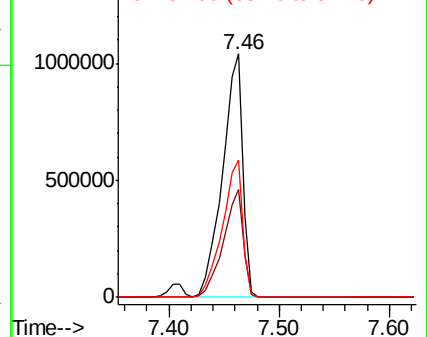
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1320100

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.7	53.5
54	56.6	45.8	68.8



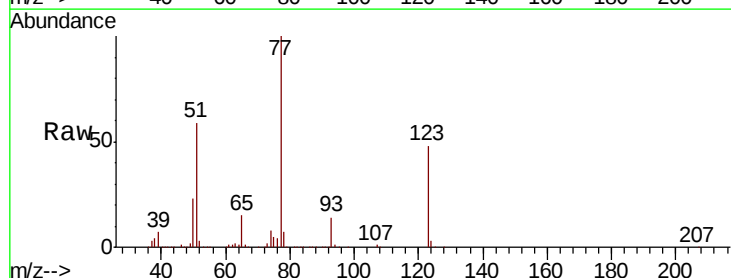
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



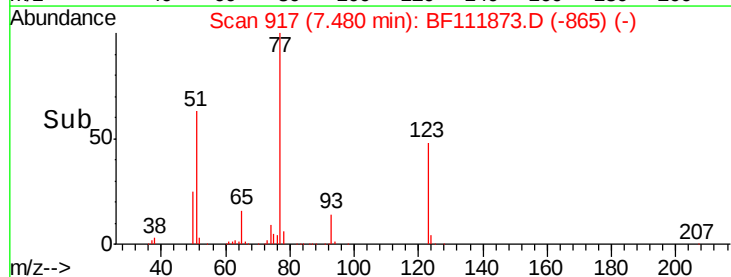
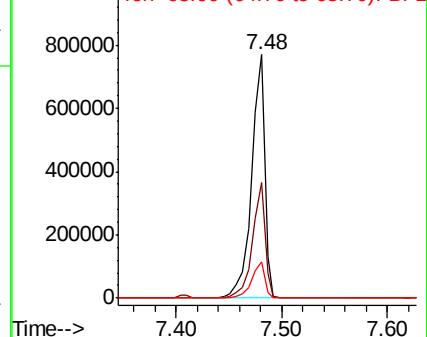
#24
 Nitrobenzene
 Concen: 62.124 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF111873.D
 Acq: 7 Jan 2019 12:43

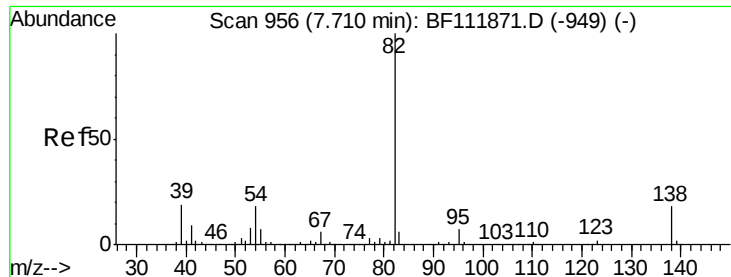
Tgt Ion: 77 Resp: 657086

Ion	Ratio	Lower	Upper
77	100		
123	47.7	38.1	57.1
65	14.6	11.0	16.4



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

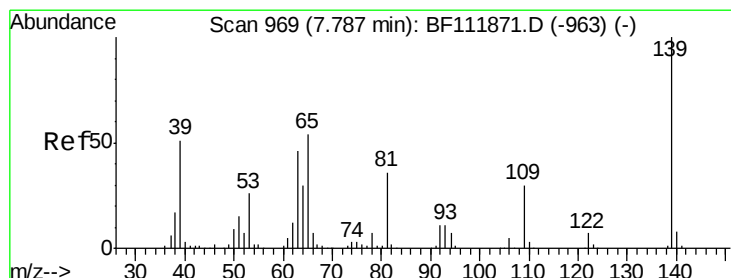
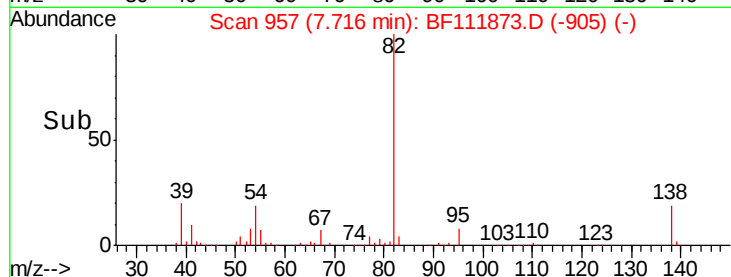
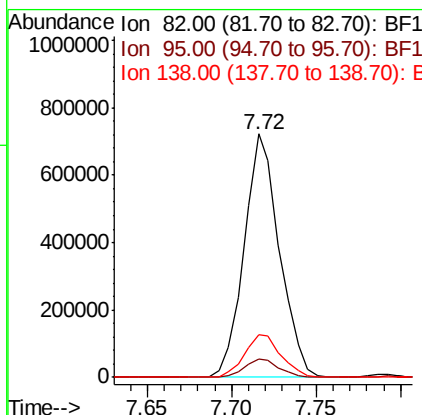
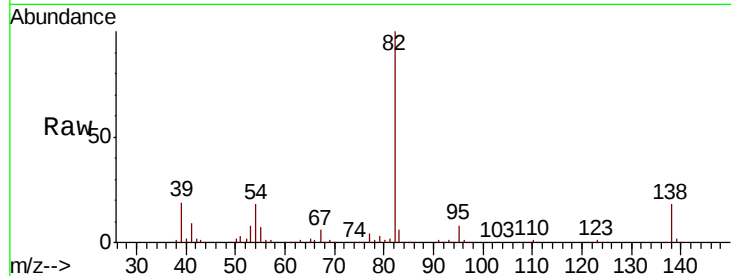




#25
Isophorone
Concen: 58.585 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

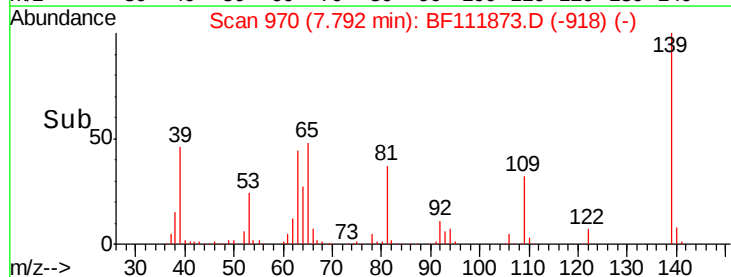
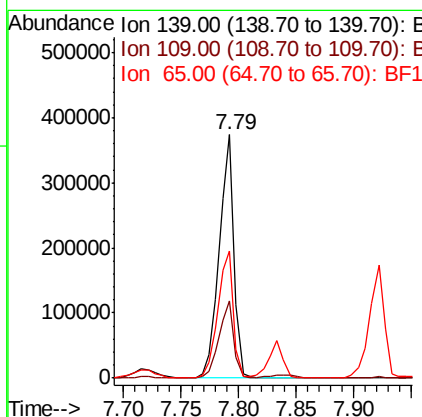
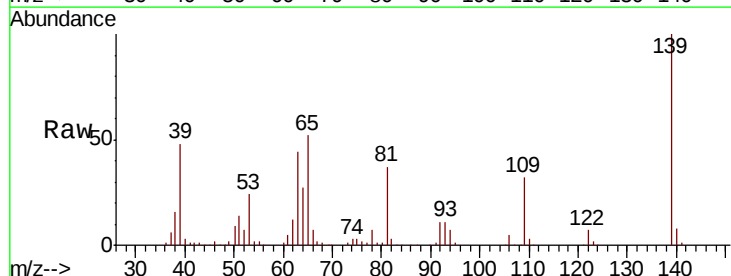
Instrument :
BNA_F
ClientSampleId :

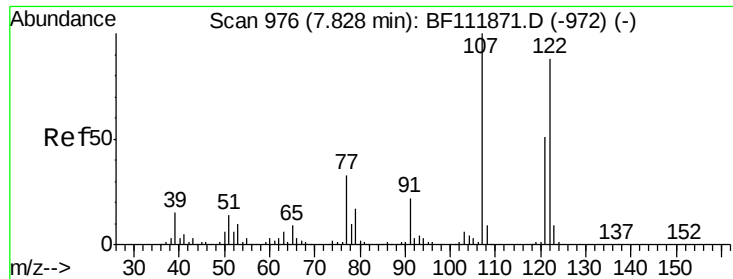
Tot Ion: 82 Resp: 1049599
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 17.8 14.4 21.6



#26
2-Nitrophenol
Concen: 77.262 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion: 139 Resp: 331429
Ion Ratio Lower Upper
139 100
109 31.8 24.1 36.1
65 52.4 43.6 65.4

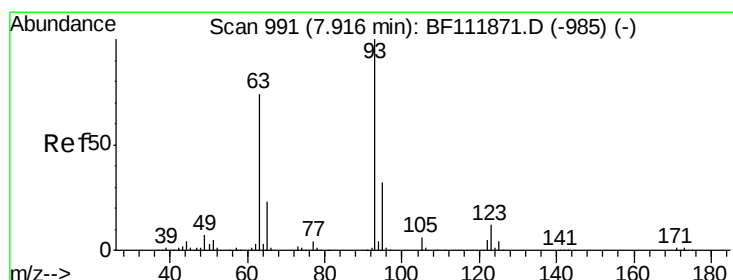
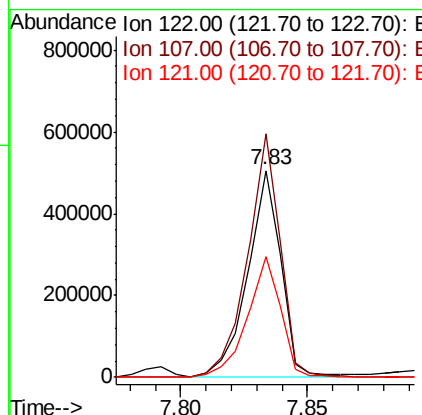
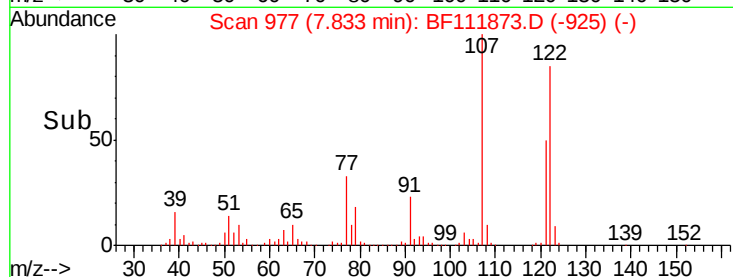
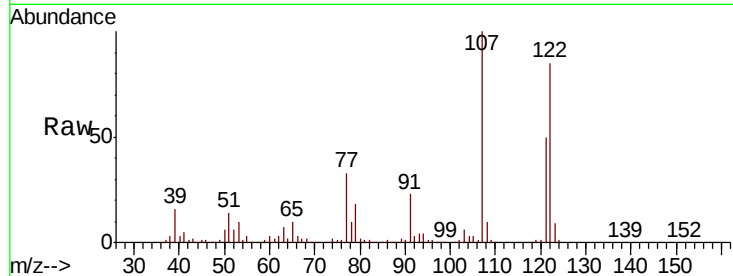




#27
2,4-Dimethylphenol
Concen: 54.408 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

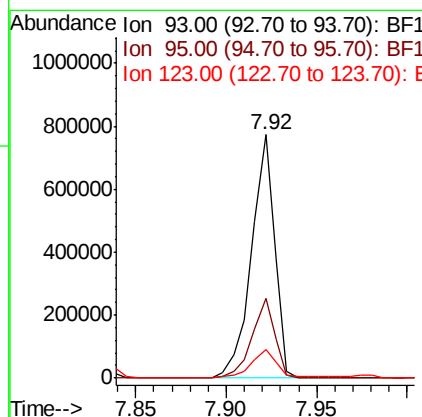
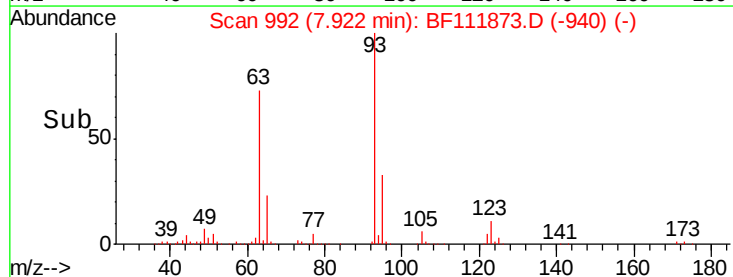
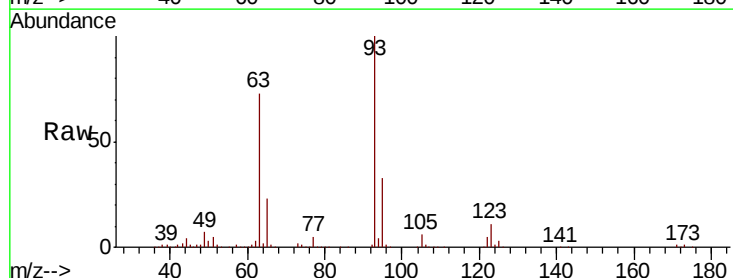
Instrument :
BNA_F
ClientSampleId :

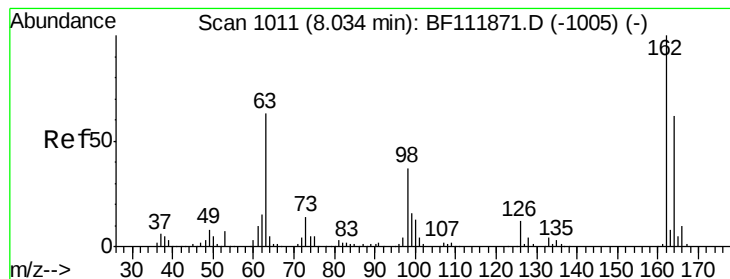
Tot Ion:122 Resp: 460083
Ion Ratio Lower Upper
122 100
107 117.8 91.0 136.6
121 58.5 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 57.897 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion: 93 Resp: 690247
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.6
123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 58.705 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

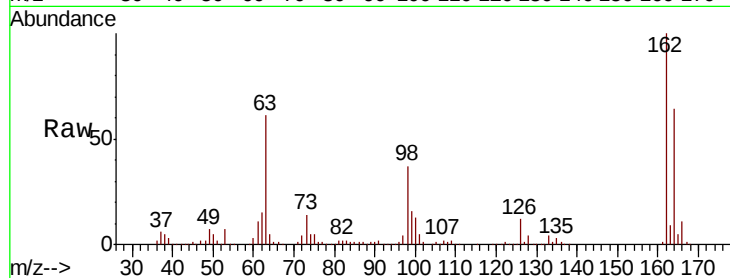
Tot Ion:162 Resp: 533948

Ion Ratio Lower Upper

162 100

164 63.5 42.1 82.1

98 37.0 17.2 57.2

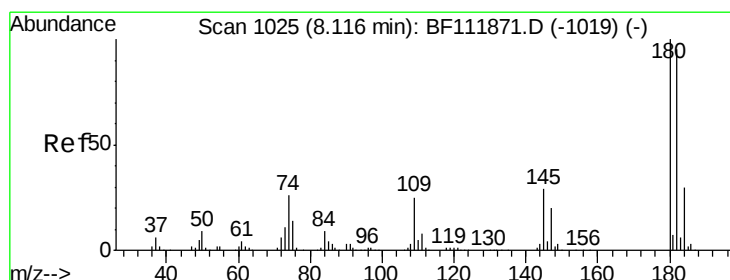
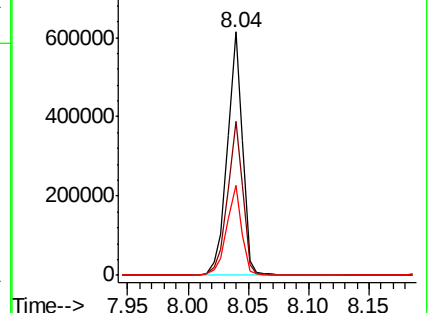
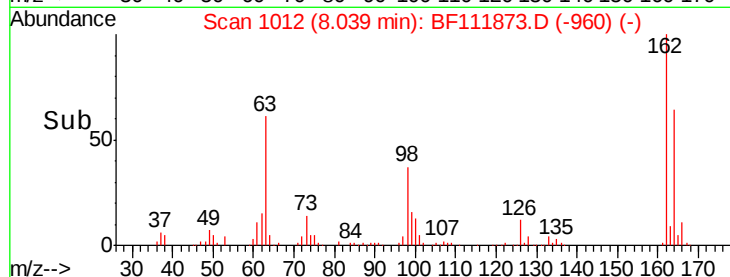


Abundance

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: 58.707 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

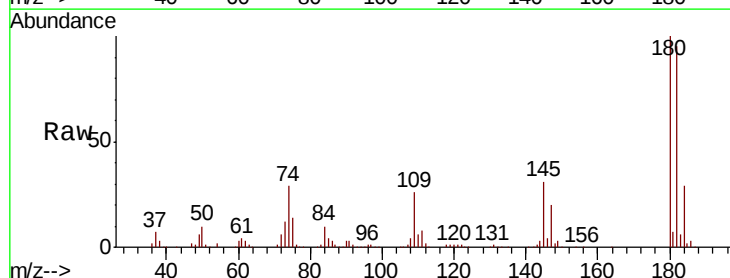
Tgt Ion:180 Resp: 595028

Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.4

145 30.8 23.4 35.2

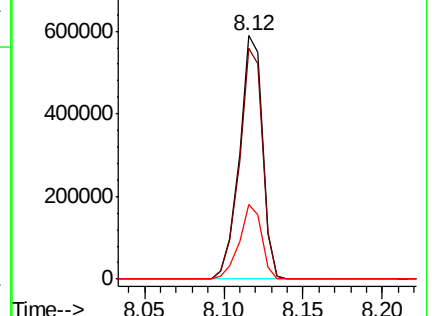
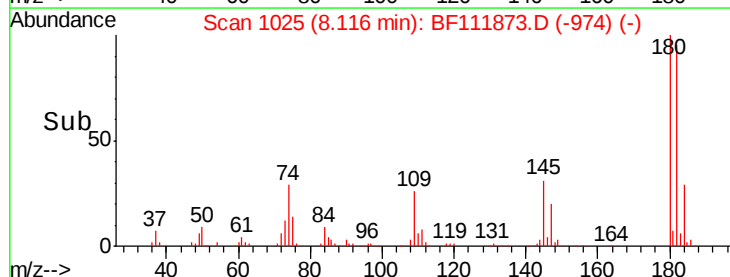


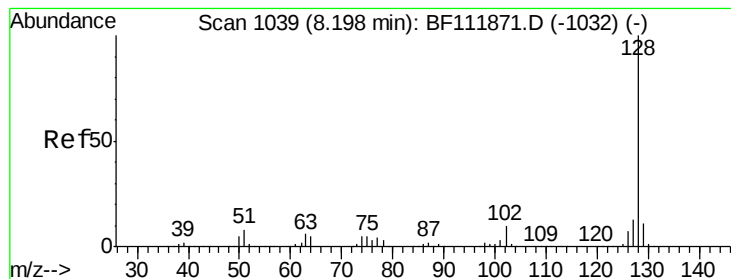
Abundance

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: 57.271 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

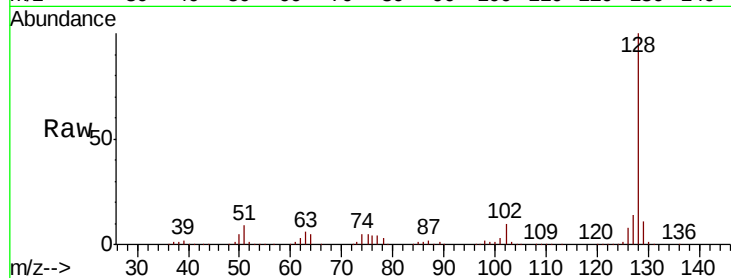
Tot Ion:128 Resp: 1616445

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

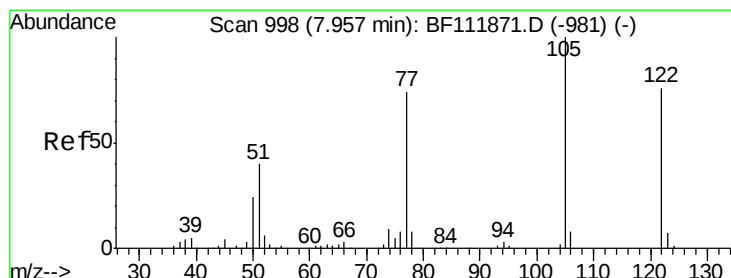
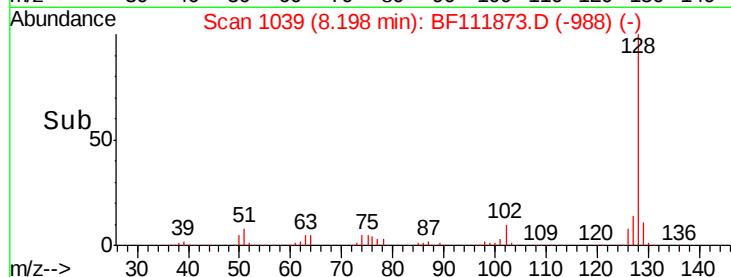
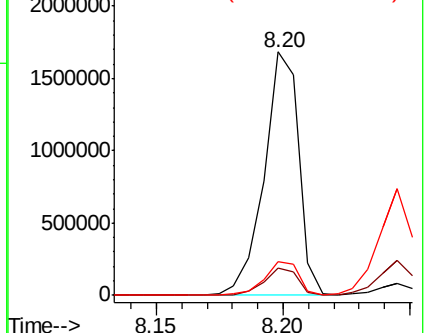
127 13.7 10.7 16.1



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: 57.307 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.02 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

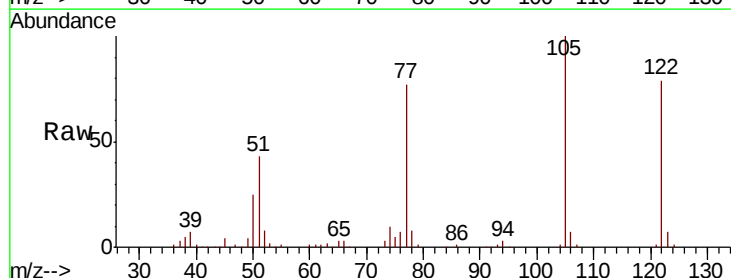
Tgt Ion:122 Resp: 320408

Ion Ratio Lower Upper

122 100

105 126.0 107.9 147.9

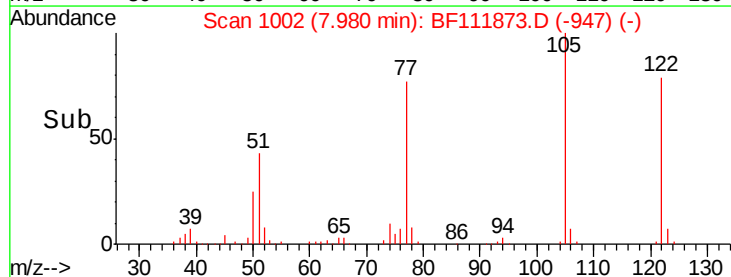
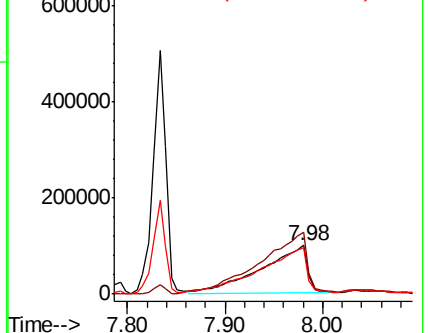
77 96.6 76.6 116.6

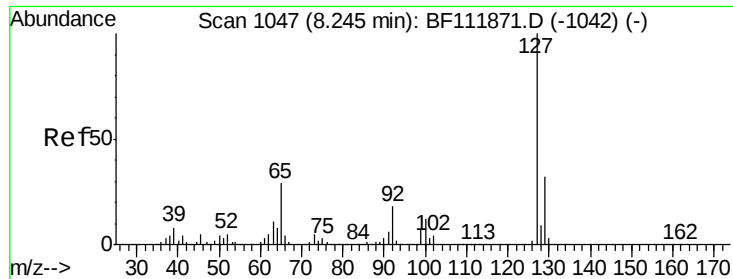


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

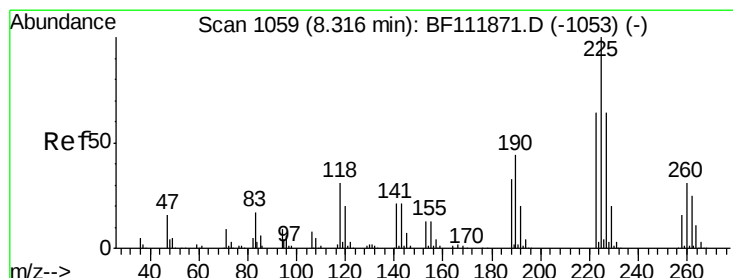
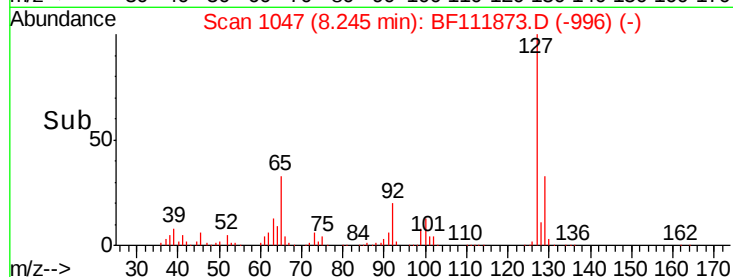
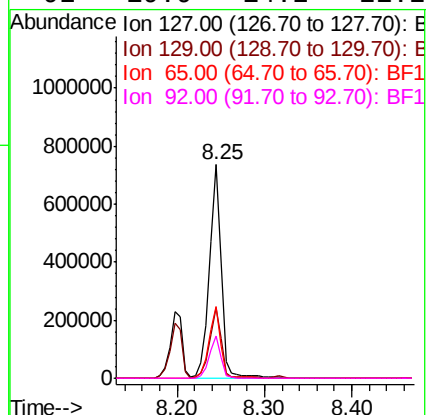
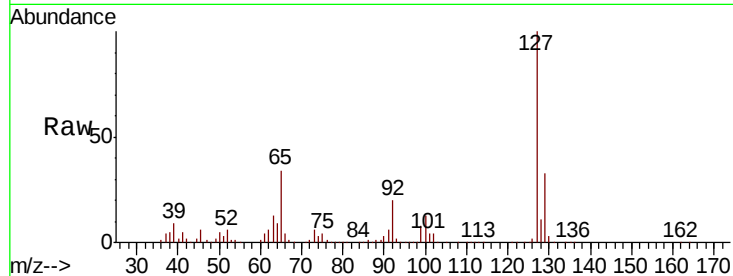




#33
4-Chloroaniline
Concen: 57.726 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

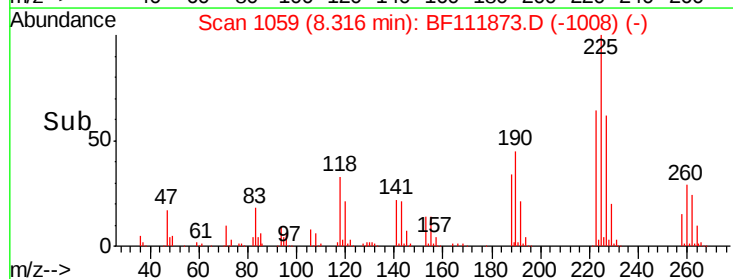
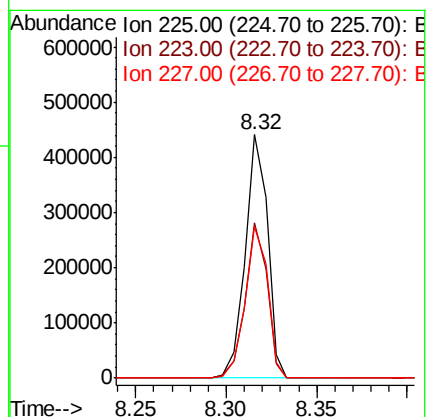
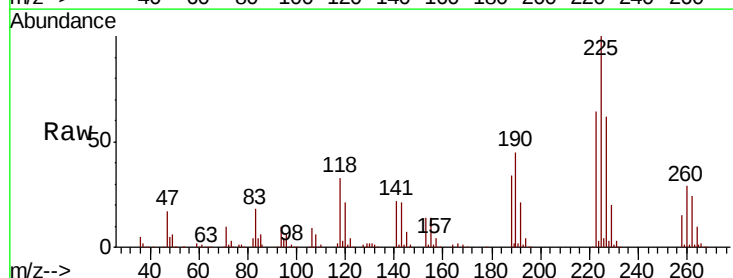
Instrument :
BNA_F
ClientSampled :

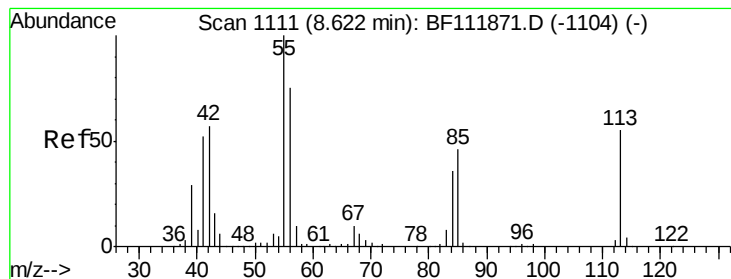
Tot Ion:	127	Resp:	704209
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.6
65	33.7	23.5	35.3
92	19.9	14.2	21.2



#34
Hexachlorobutadiene
Concen: 61.079 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion:	225	Resp:	377298
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	62.2	51.4	77.0





#35

Caprolactam

Concen: 55.724 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.02 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

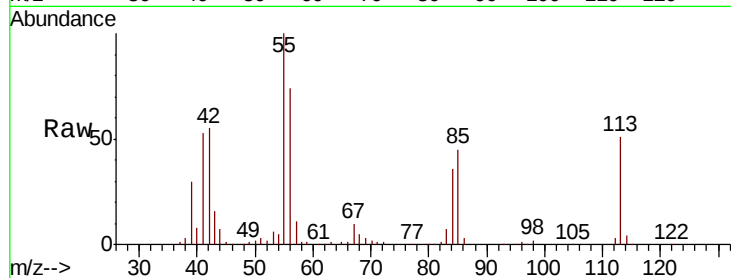
Tot Ion:113 Resp: 171742

Ion Ratio Lower Upper

113 100

55 196.2 162.0 202.0

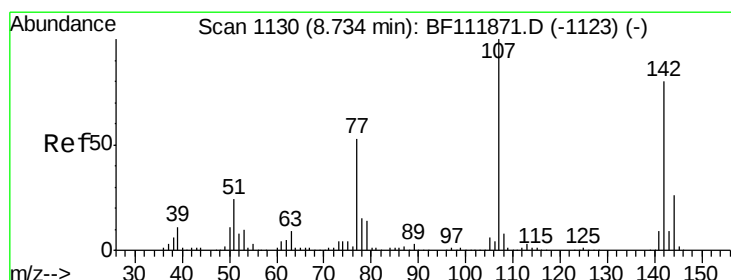
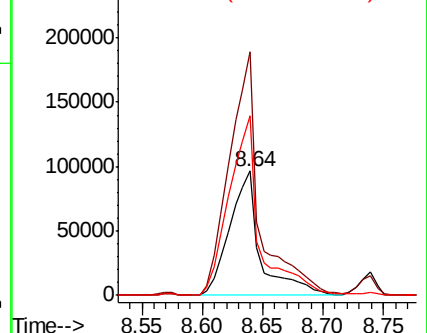
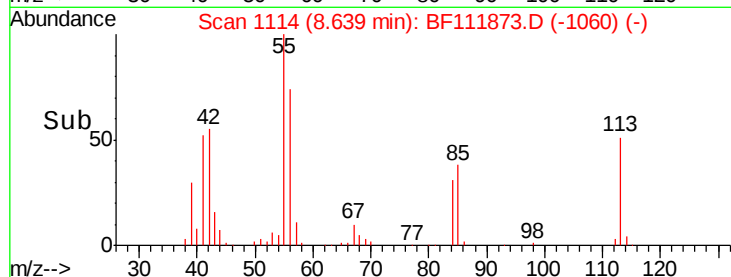
56 144.7 116.0 156.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 59.484 ng

RT: 8.74 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

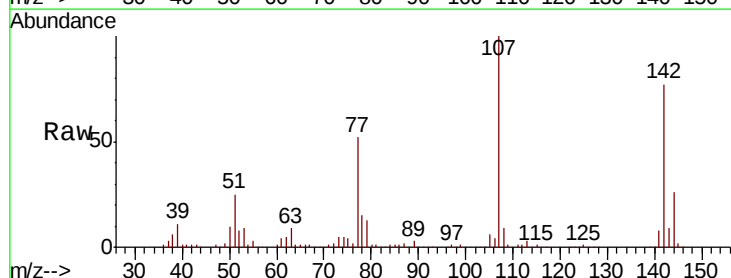
Tgt Ion:107 Resp: 531832

Ion Ratio Lower Upper

107 100

144 25.6 20.7 31.1

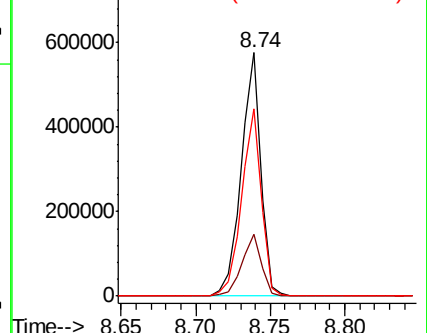
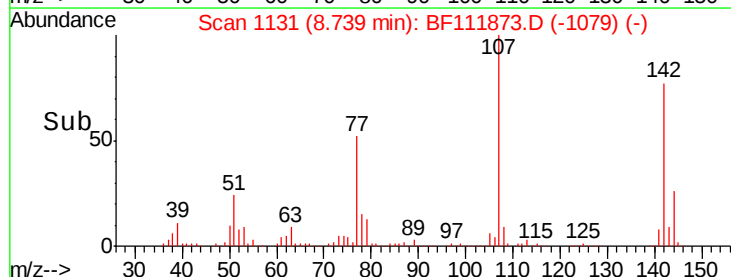
142 76.8 63.9 95.9

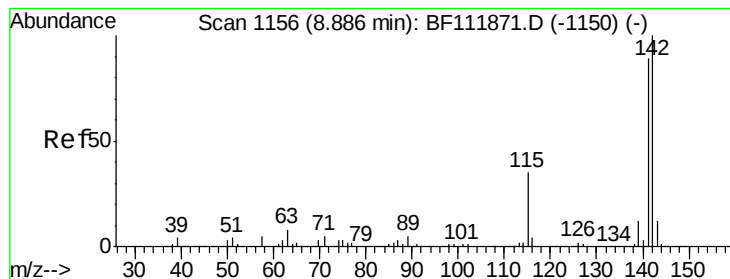


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 57.460 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

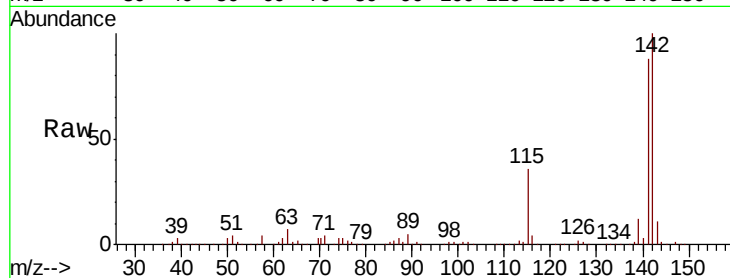
Tot Ion:142 Resp: 1055136

Ion Ratio Lower Upper

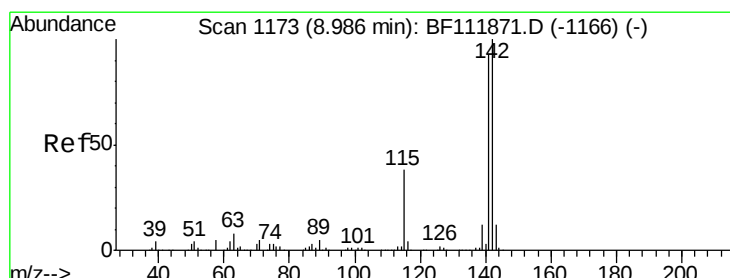
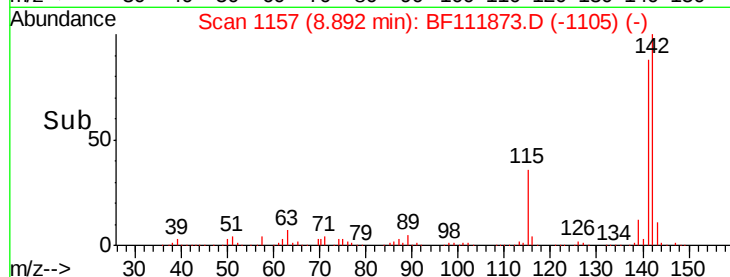
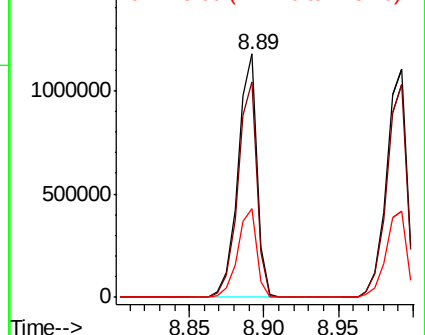
142 100

141 88.4 71.4 107.2

115 36.3 28.3 42.5



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: 58.236 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

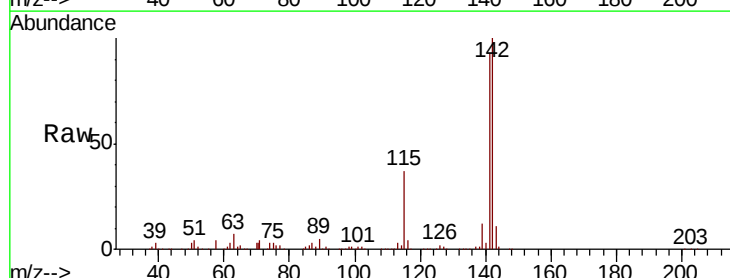
Tgt Ion:142 Resp: 1027062

Ion Ratio Lower Upper

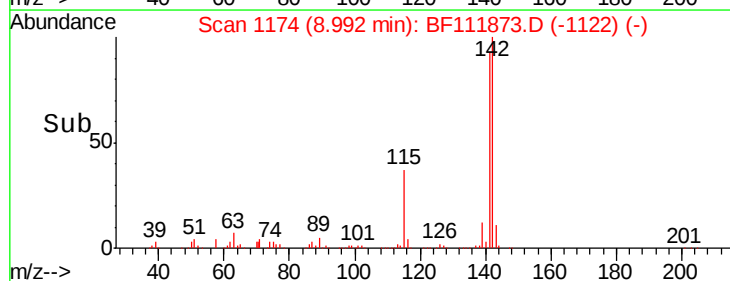
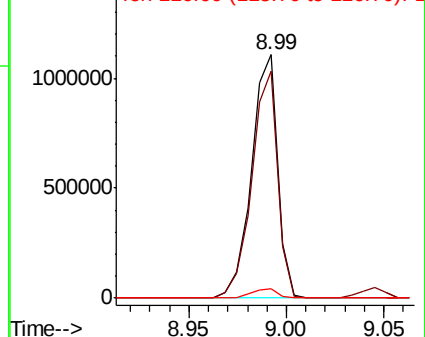
142 100

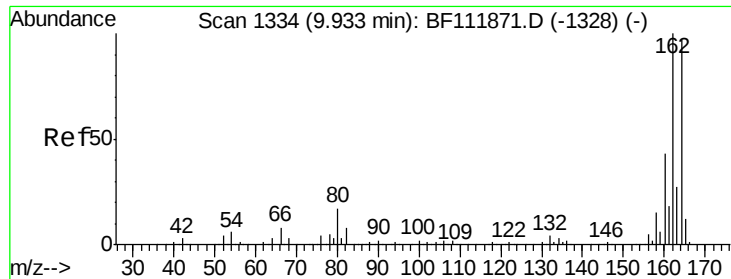
141 93.1 74.8 112.2

116 3.9 3.1 4.7



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

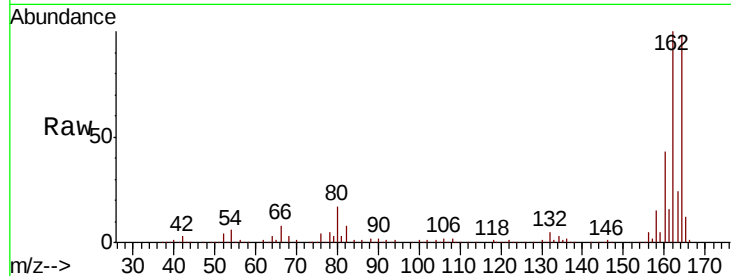




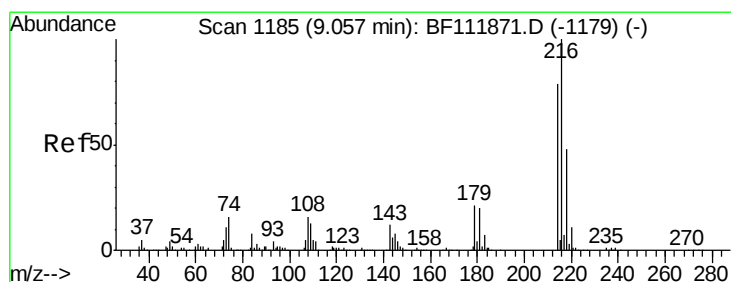
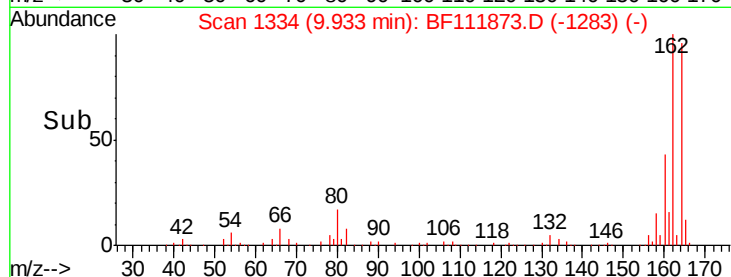
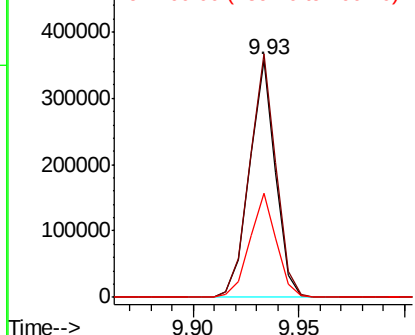
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 304534
Ion Ratio Lower Upper
164 100
162 102.5 82.2 123.2
160 44.0 35.5 53.3

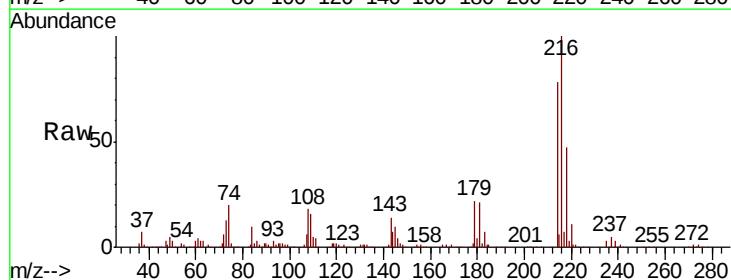


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

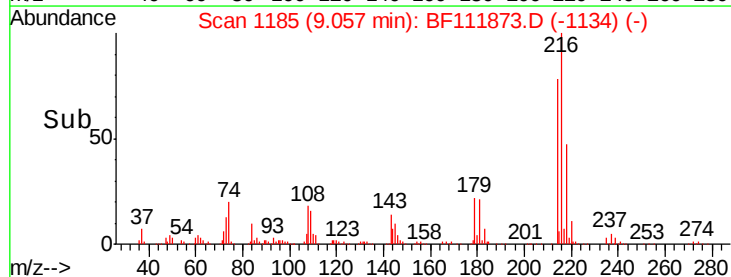
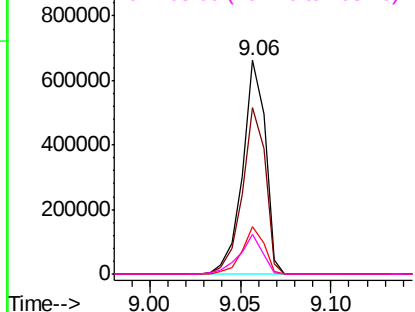


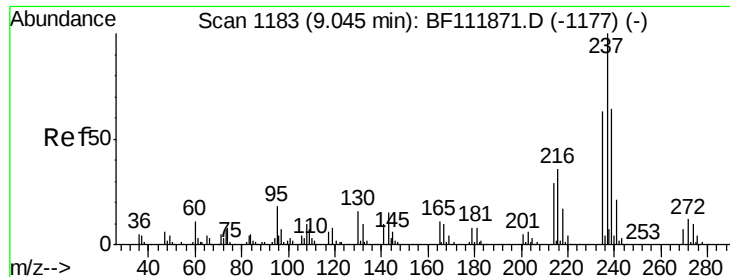
#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.607 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion:216 Resp: 576474
Ion Ratio Lower Upper
216 100
214 78.9 63.5 95.3
179 21.4 17.0 25.6
108 18.7 14.6 22.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 73.891 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

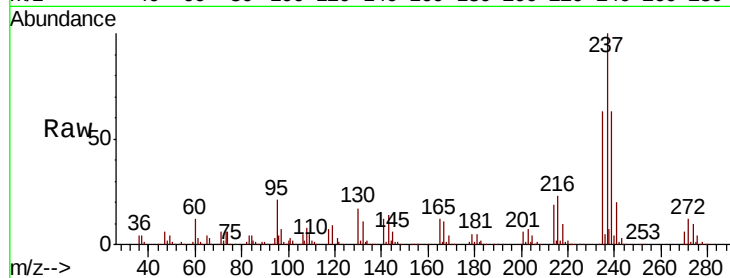
Tot Ion:237 Resp: 358818

Ion Ratio Lower Upper

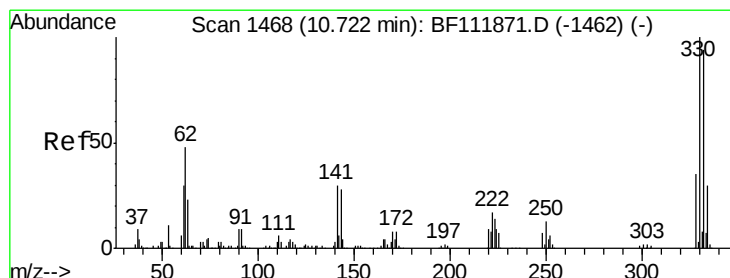
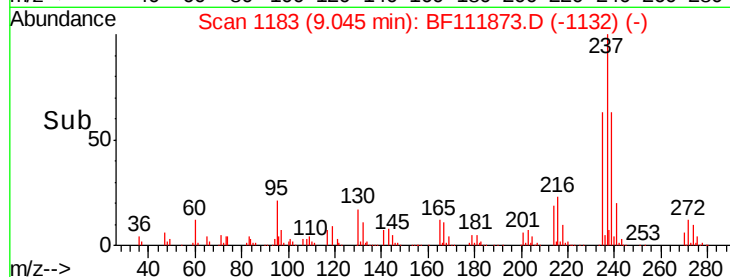
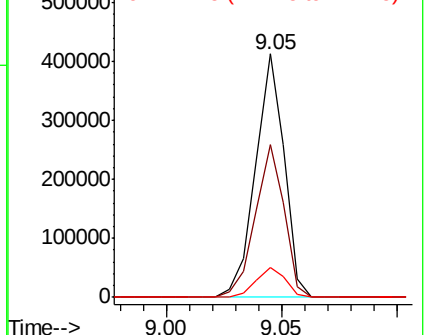
237 100

235 62.8 42.6 82.6

272 12.0 0.0 32.3



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: 118.265 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

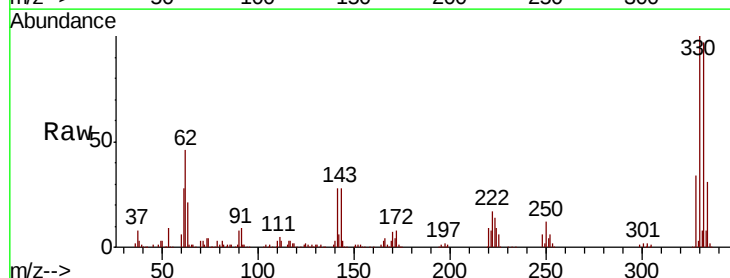
Tgt Ion:330 Resp: 425553

Ion Ratio Lower Upper

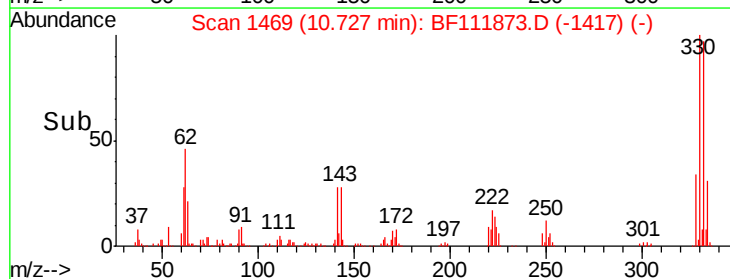
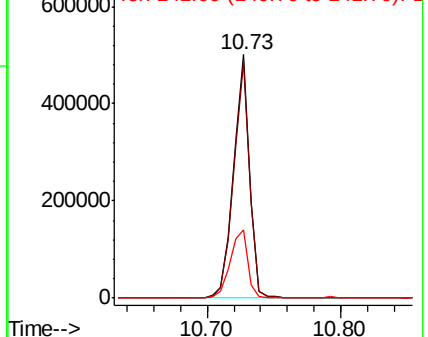
330 100

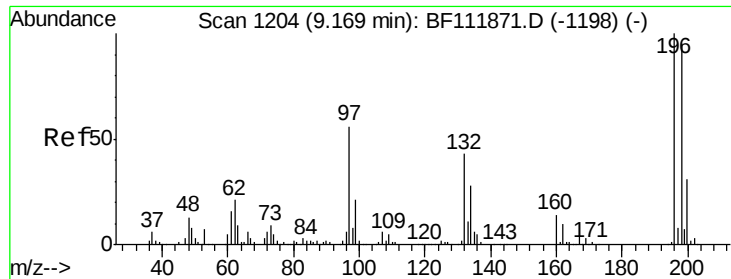
332 97.7 76.9 115.3

141 30.9 23.7 35.5



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

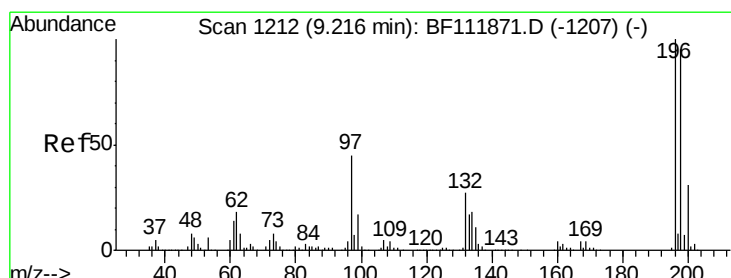
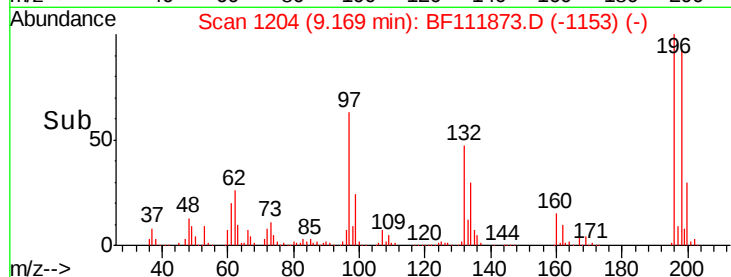
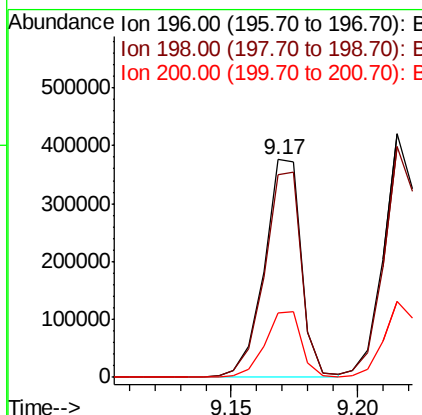
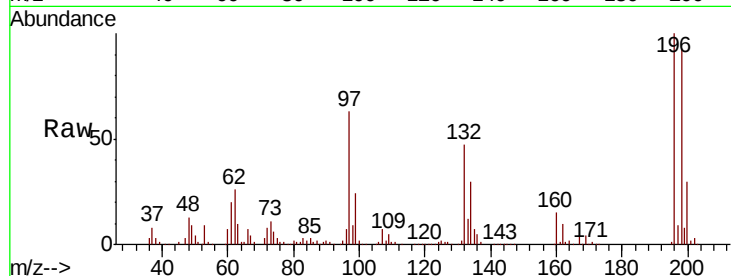




#43
 2,4,6-Trichlorophenol
 Concen: 57.352 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF111873.D
 Acq: 7 Jan 2019 12:43

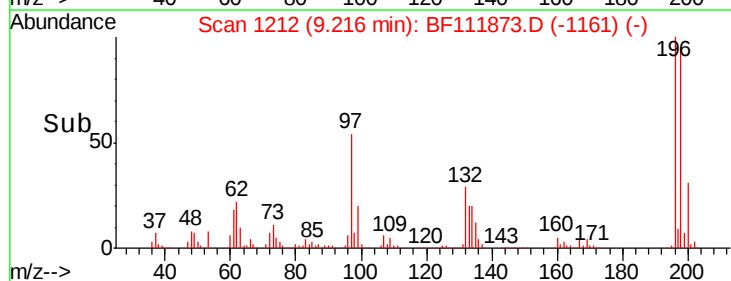
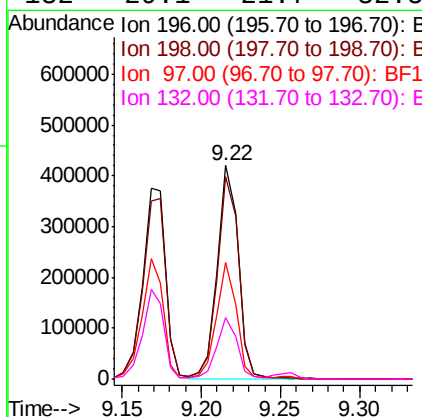
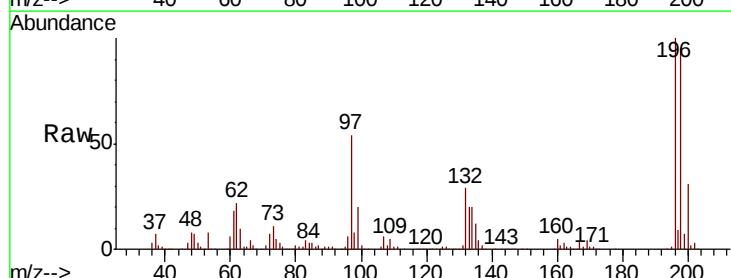
Instrument :
 BNA_F
 ClientSampleId :

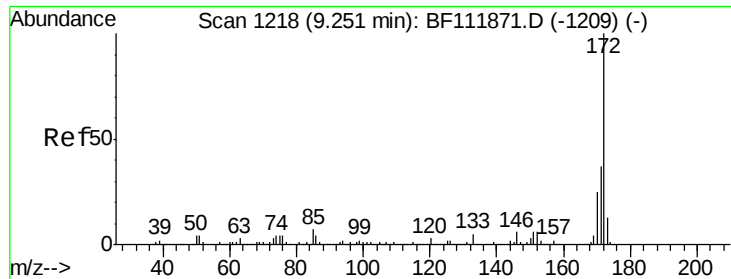
Tot Ion:	196	Resp:	383180
Ion	Ratio	Lower	Upper
196	100		
198	93.4	75.8	113.8
200	29.7	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 56.609 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF111873.D
 Acq: 7 Jan 2019 12:43

Tgt Ion:	196	Resp:	388010
Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.2	114.2
97	54.4	36.4	54.6
132	29.1	21.7	32.5



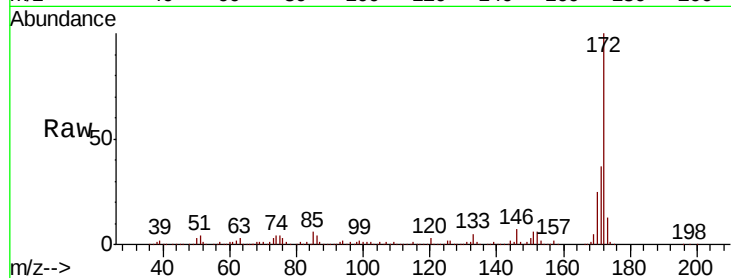


#45
 2-Fluorobiphenyl
 Concen: 109.351 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BF111873.D
 Acq: 7 Jan 2019 12:43

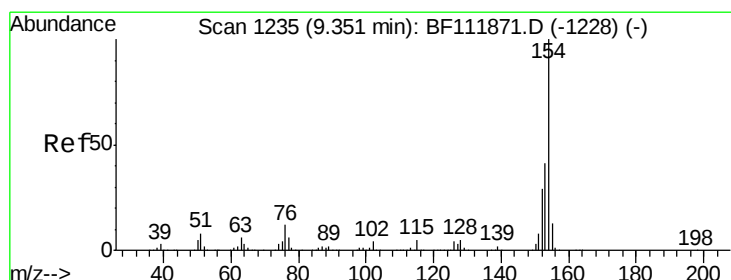
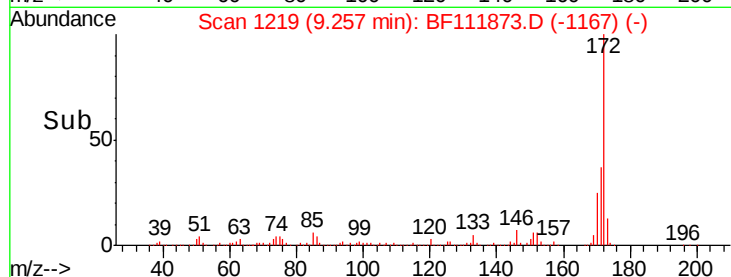
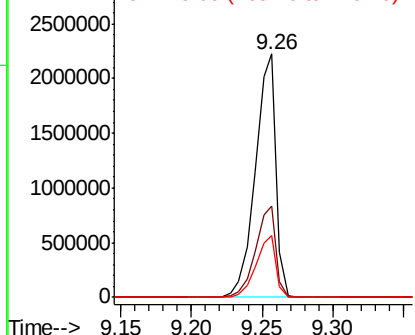
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2284682

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	25.4	19.8	29.8



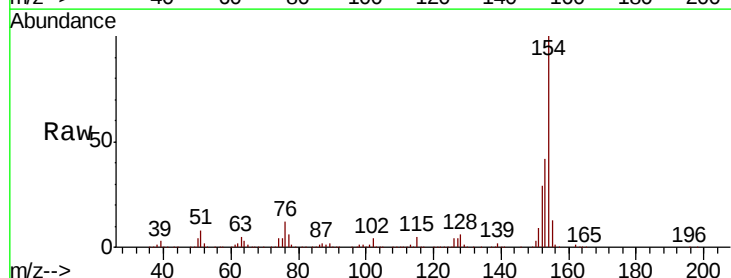
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



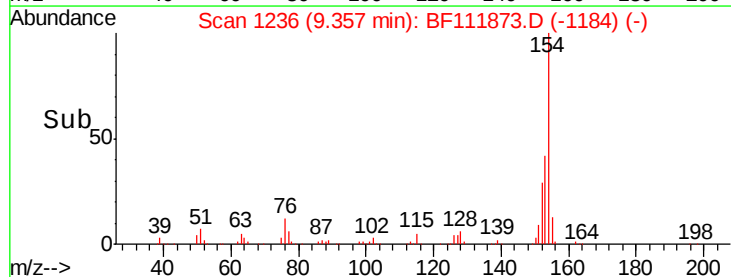
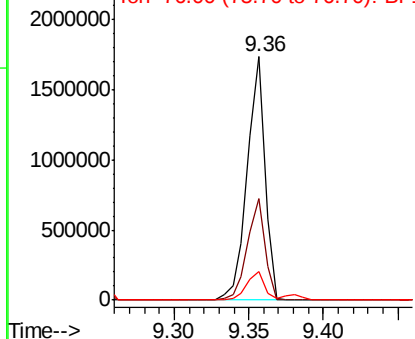
#46
 1,1'-Biphenyl
 Concen: 55.893 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: BF111873.D
 Acq: 7 Jan 2019 12:43

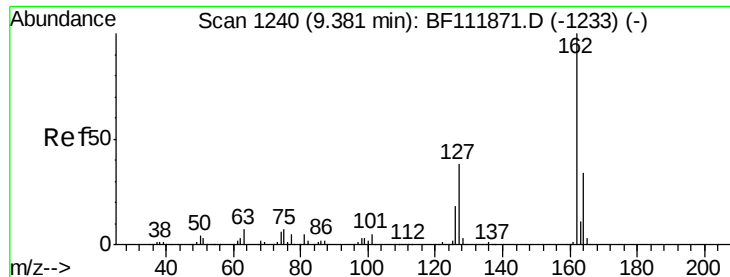
Tgt Ion:154 Resp: 1436850

Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.3	61.3
76	11.5	0.0	32.3



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

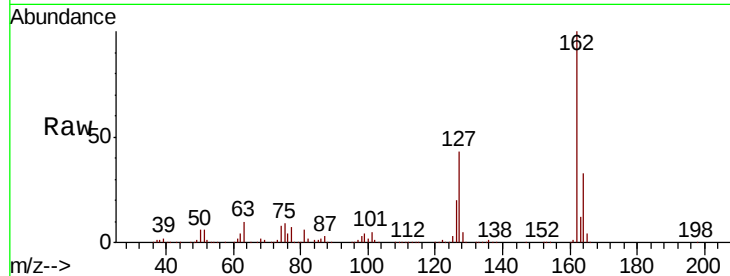




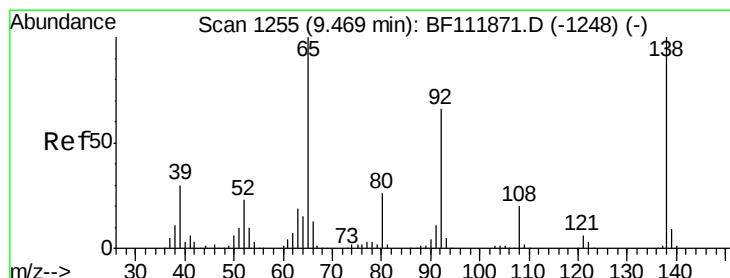
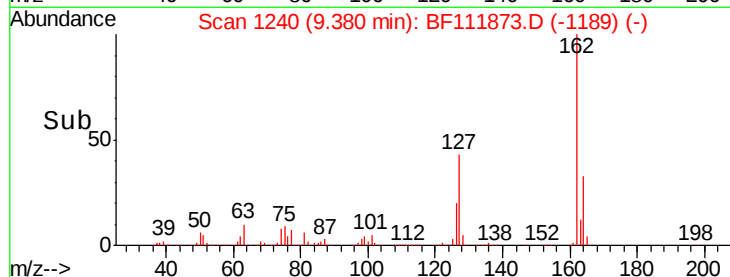
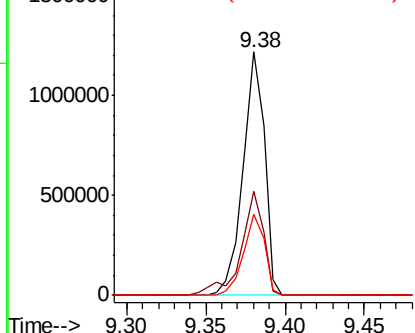
#47
 2-Chloronaphthalene
 Concen: 56.049 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111873.D
 Acq: 7 Jan 2019 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1141586
 Ion Ratio Lower Upper
 162 100
 127 42.6 31.2 46.8
 164 33.5 27.0 40.6

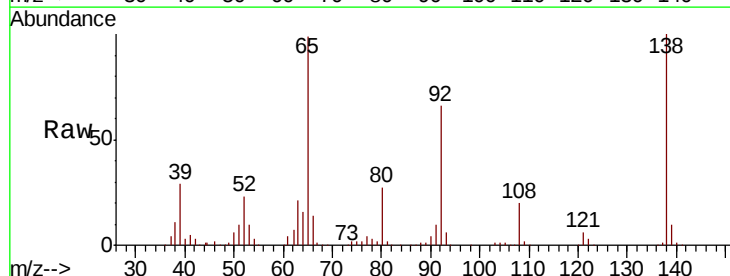


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

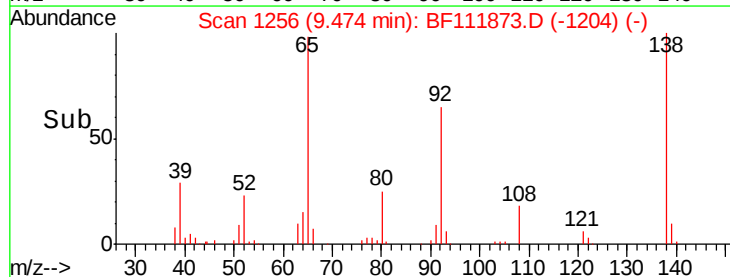
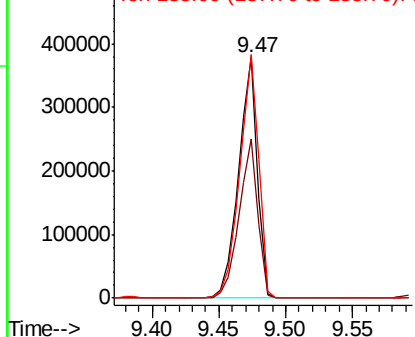


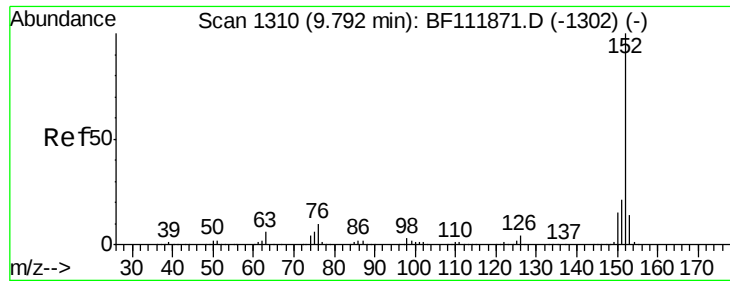
#48
 2-Nitroaniline
 Concen: 70.322 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF111873.D
 Acq: 7 Jan 2019 12:43

Tgt Ion: 65 Resp: 372612
 Ion Ratio Lower Upper
 65 100
 92 66.3 52.5 78.7
 138 101.1 79.8 119.6



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: 57.395 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

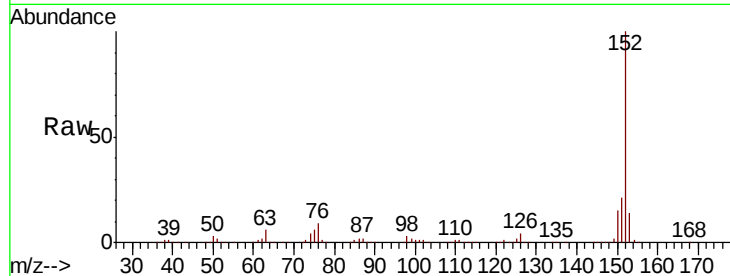
Tot Ion:152 Resp: 1706796

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

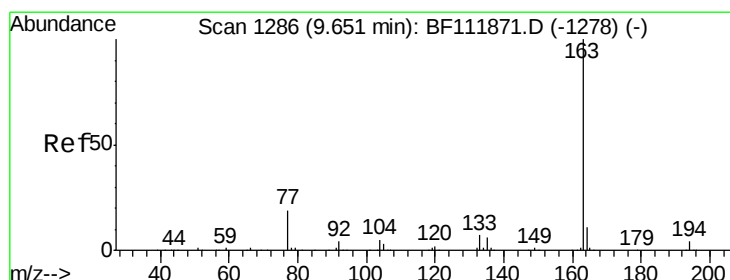
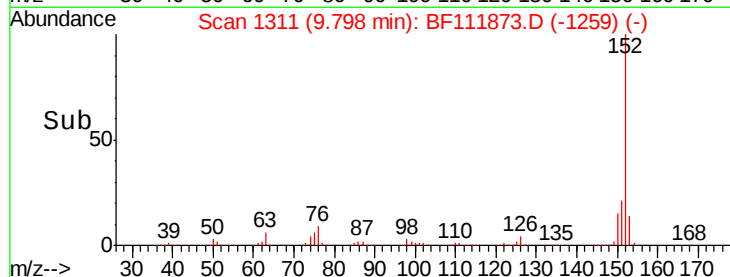
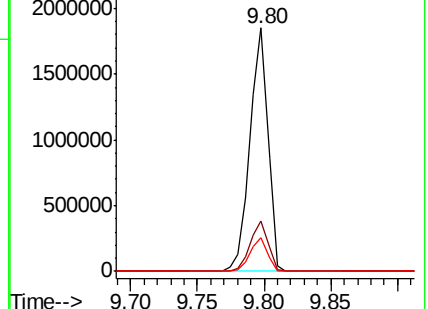
153 13.7 11.0 16.4



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: 60.671 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

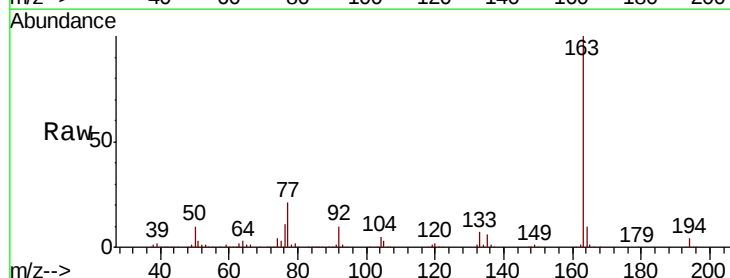
Tgt Ion:163 Resp: 1351133

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

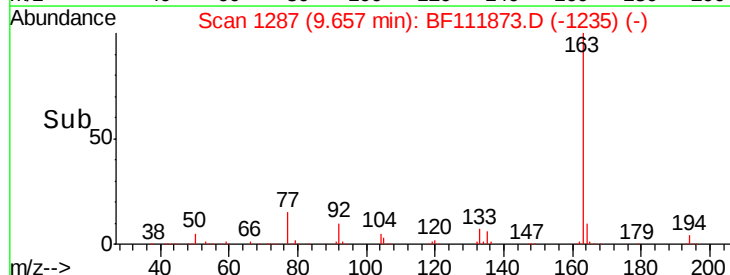
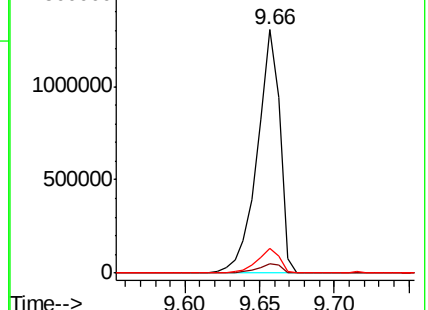
164 10.3 8.5 12.7

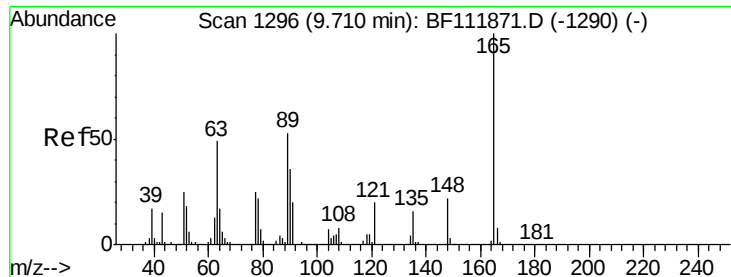


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

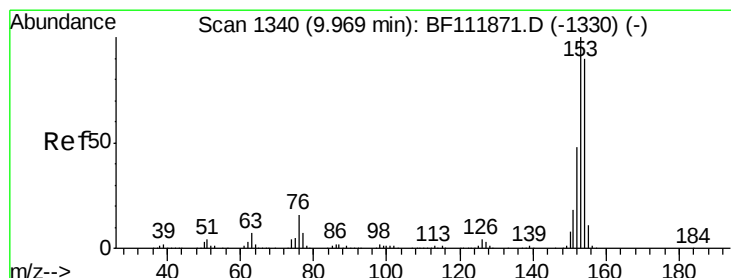
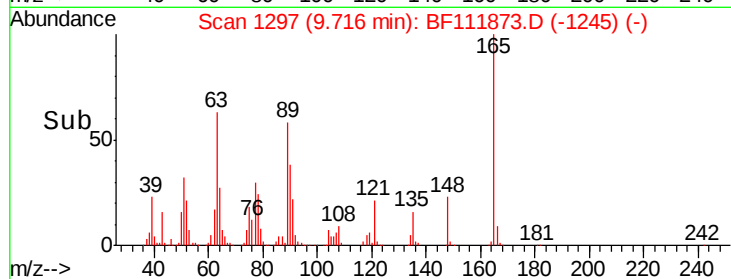
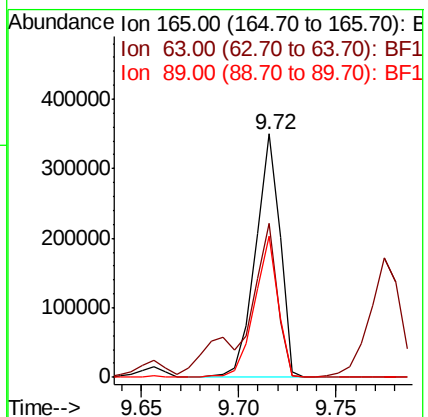
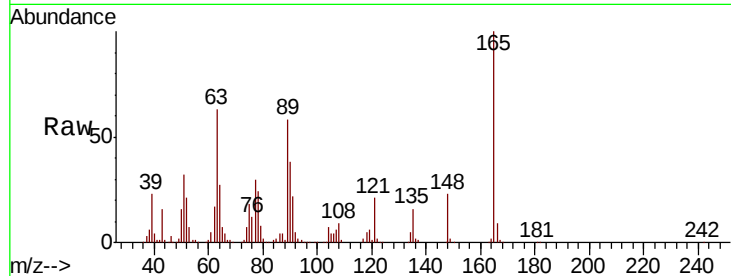




#51
2,6-Dinitrotoluene
Concen: 68.347 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

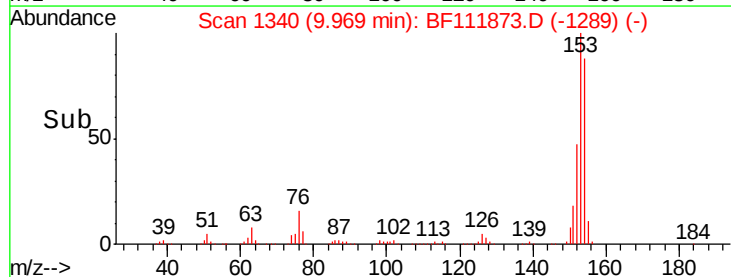
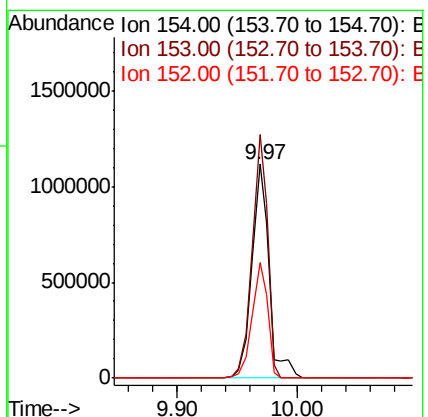
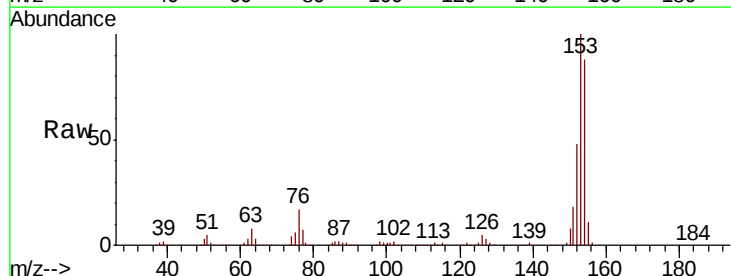
Instrument :
BNA_F
ClientSampleId :

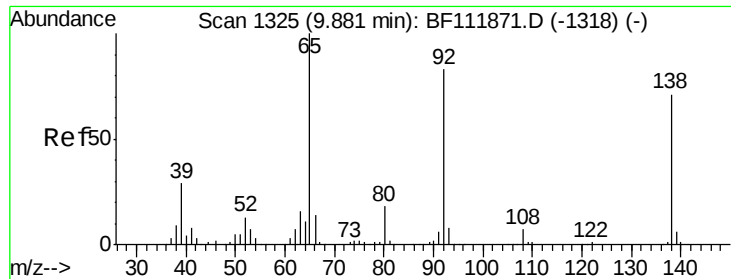
Tot Ion:165 Resp: 303498
Ion Ratio Lower Upper
165 100
63 63.1 46.2 69.2
89 57.8 42.2 63.2



#52
Acenaphthene
Concen: 60.425 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion:154 Resp: 1108273
Ion Ratio Lower Upper
154 100
153 114.0 89.4 134.0
152 54.2 43.1 64.7

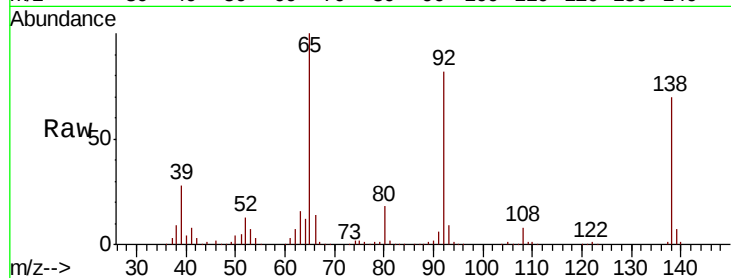




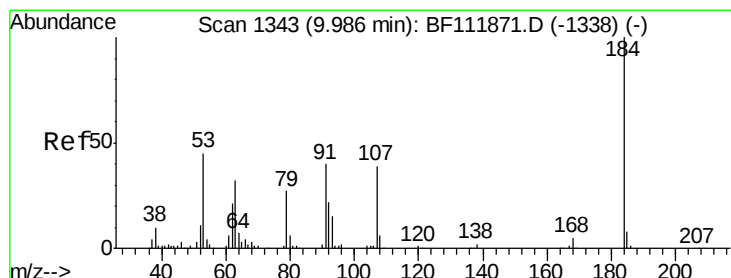
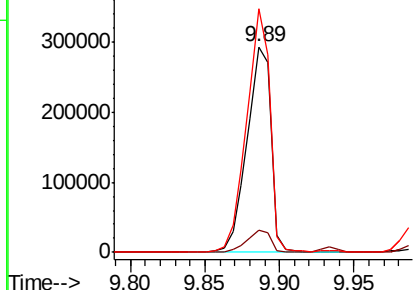
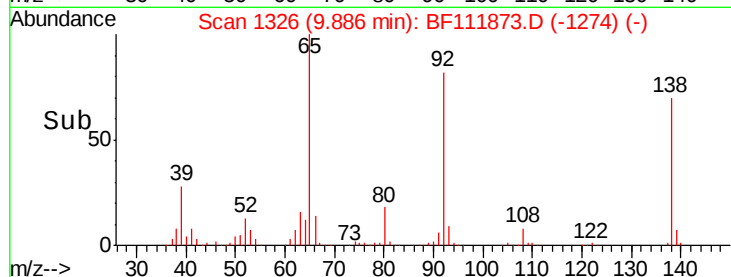
#53
3-Nitroaniline
Concen: 68.717 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 325433
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.4
92 118.4 93.5 140.3

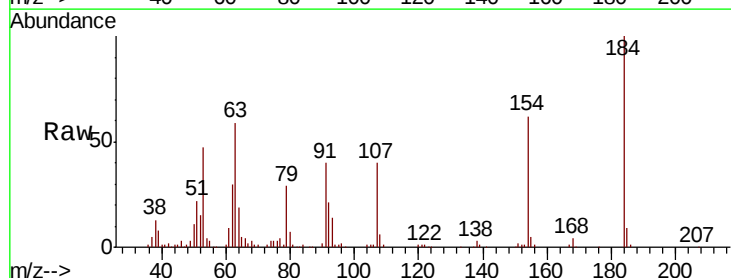


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

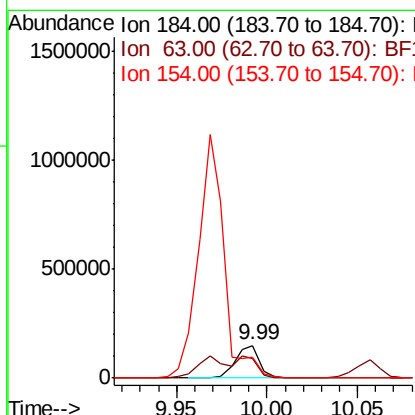
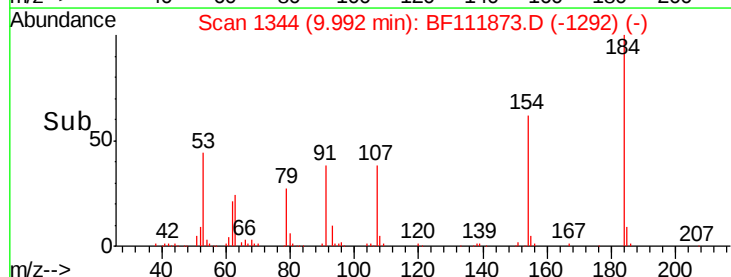


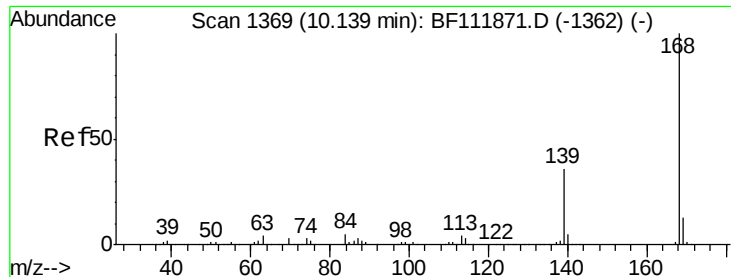
#54
2,4-Dinitrophenol
Concen: 118.916 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion:184 Resp: 142496
Ion Ratio Lower Upper
184 100
63 58.7 46.9 70.3
154 61.8 46.9 70.3



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

Dibenzofuran

Concen: 56.699 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

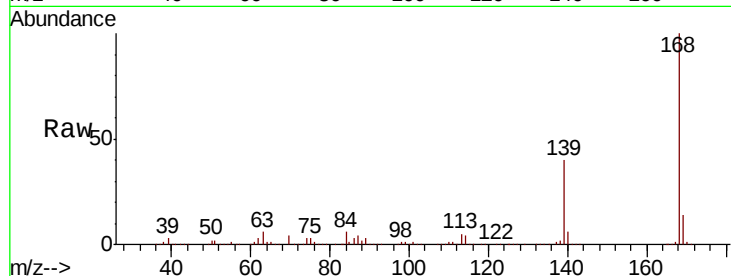
Tot Ion:168 Resp: 1571123

Ion Ratio Lower Upper

168 100

139 39.9 29.3 43.9

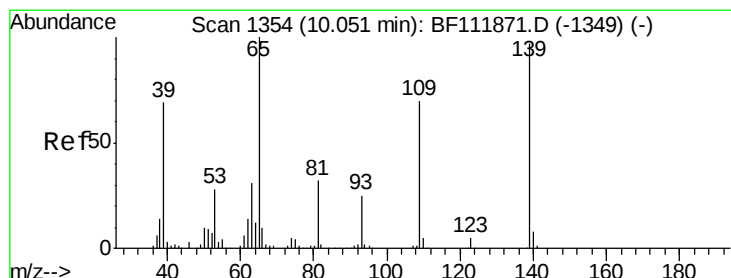
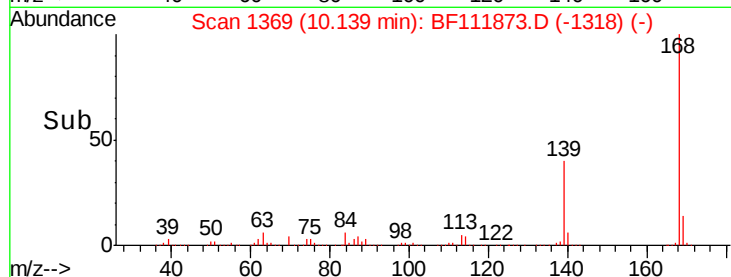
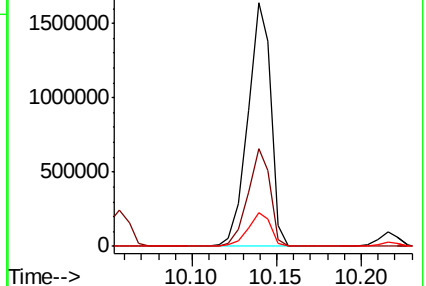
169 14.1 10.6 16.0



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: 64.920 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

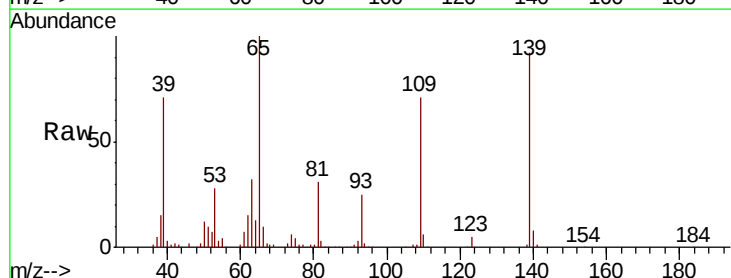
Tgt Ion:139 Resp: 234632

Ion Ratio Lower Upper

139 100

109 77.3 52.2 92.2

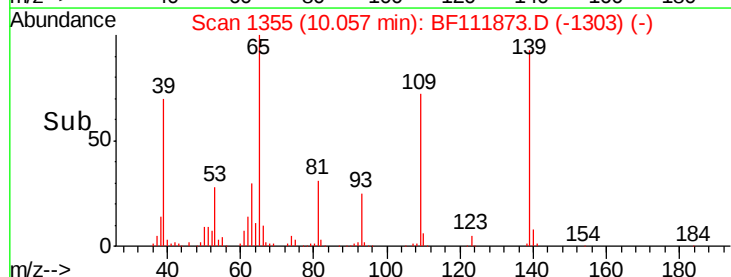
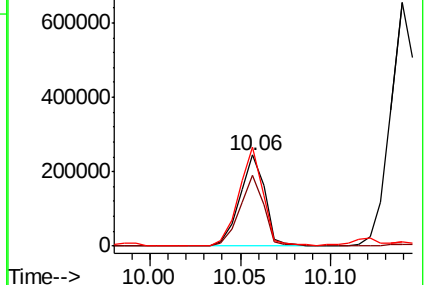
65 108.3 83.1 123.1

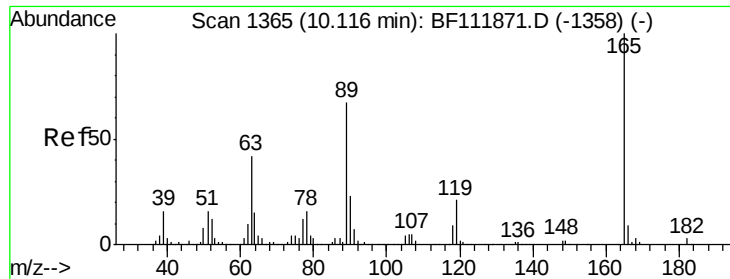


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

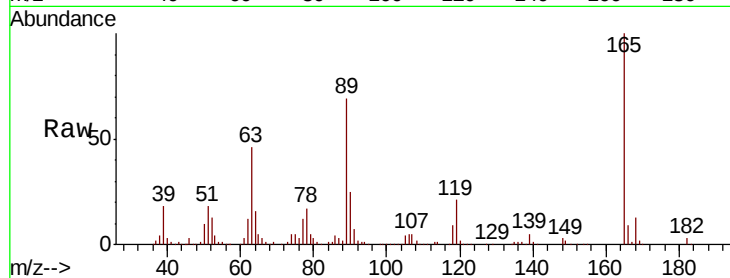




#57
2,4-Dinitrotoluene
Concen: 72.548 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	46.2	34.1	51.1	
89	69.4	53.5	80.3	
182	2.8	2.0	3.0	



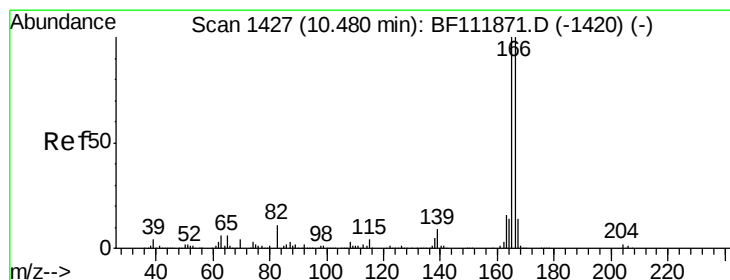
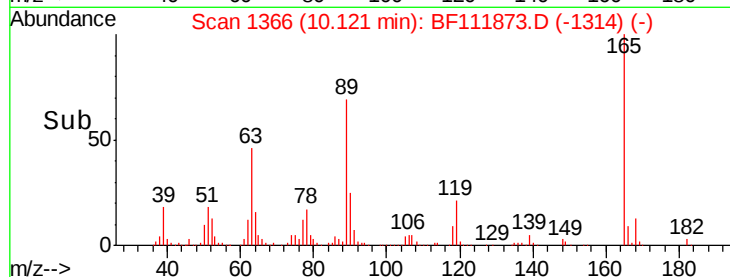
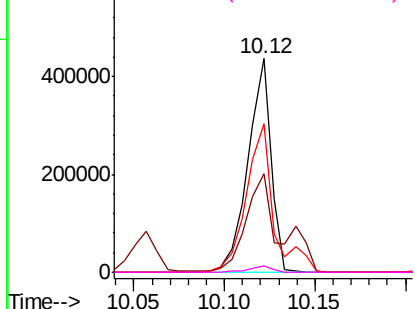
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

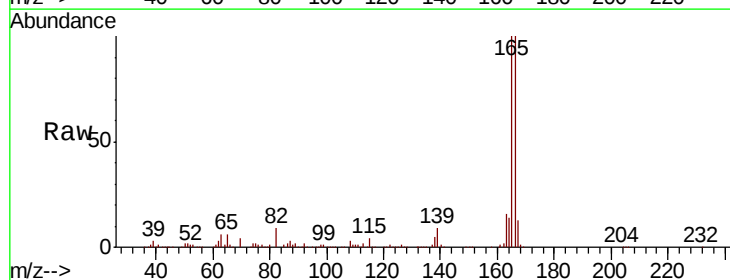
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 55.486 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	99.8	79.7	119.5	
167	13.1	11.1	16.7	

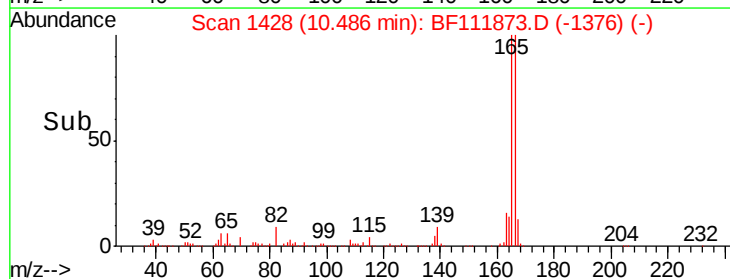
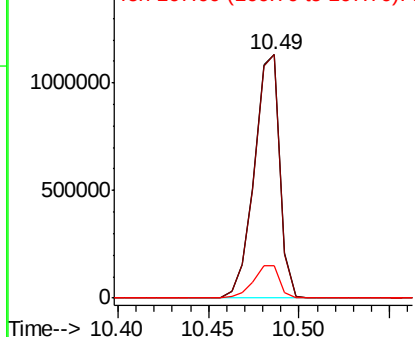


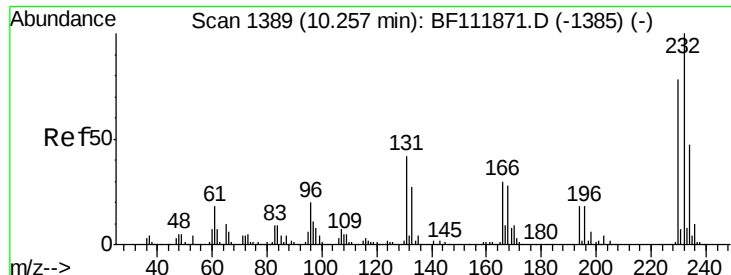
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

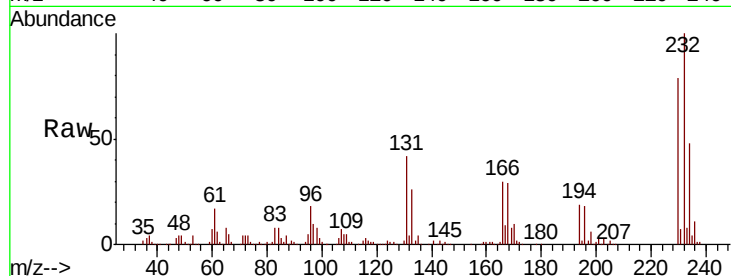




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.865 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF111873.D
 Acq: 7 Jan 2019 12:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.8	34.0	51.0
130	2.2	1.6	2.4
166	29.6	23.4	35.0



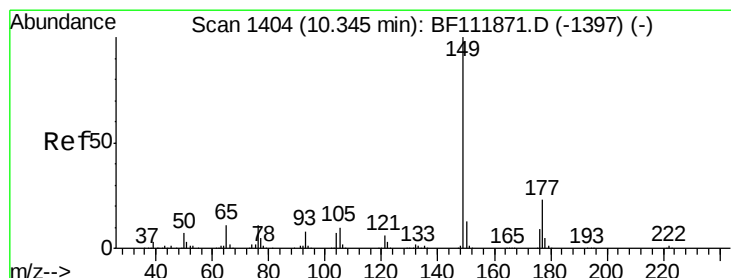
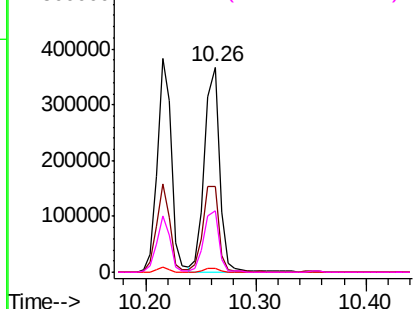
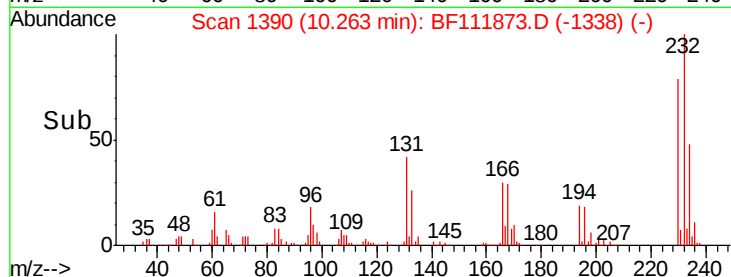
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

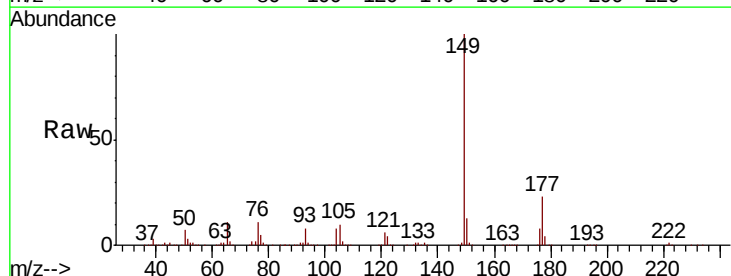
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 57.733 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF111873.D
 Acq: 7 Jan 2019 12:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	12.8	10.2	15.4

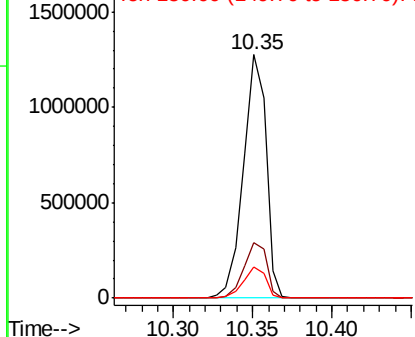
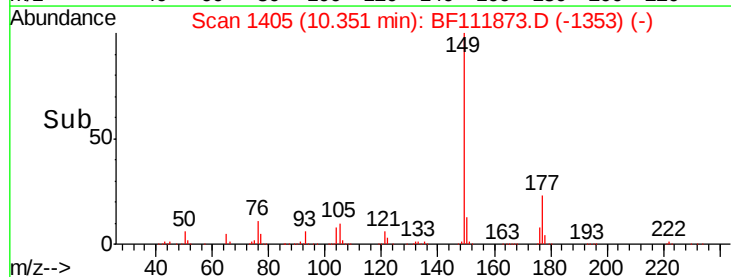


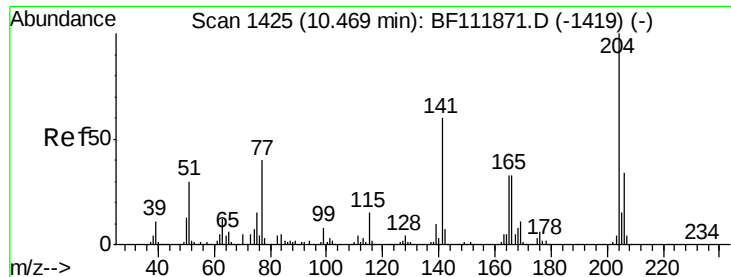
Abundance

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

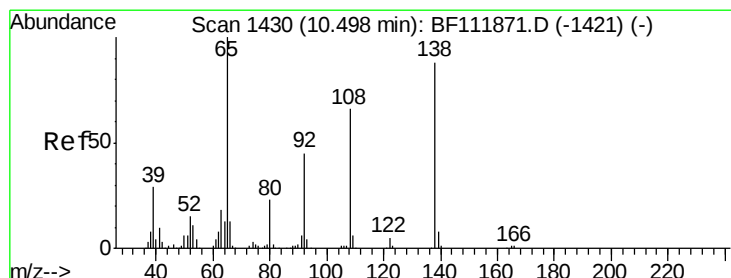
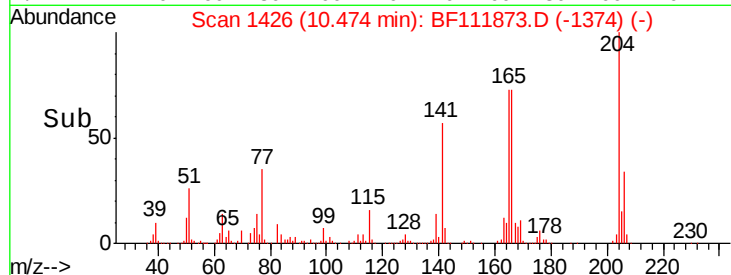
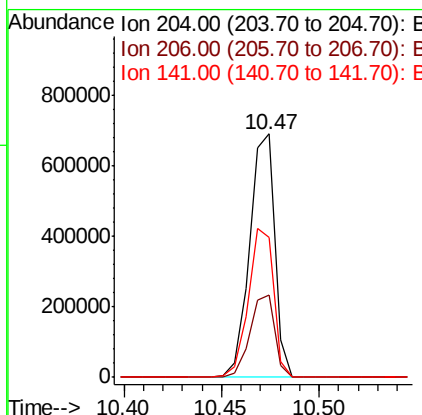
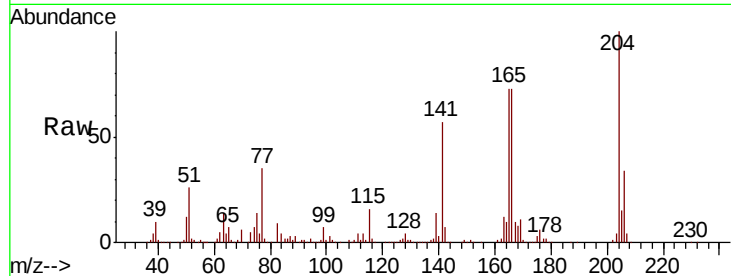




#61
4-Chlorophenyl-phenylether
Concen: 56.129 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

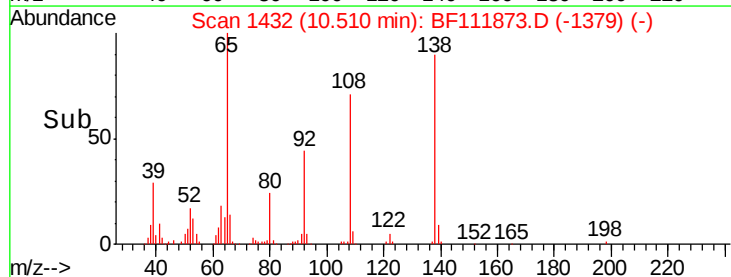
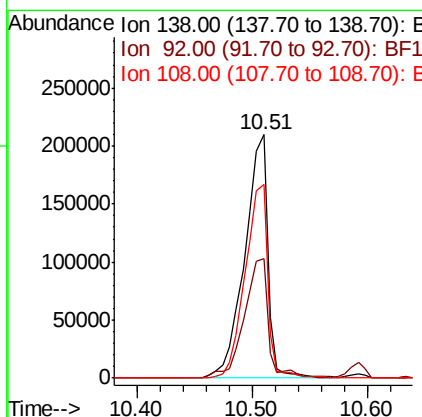
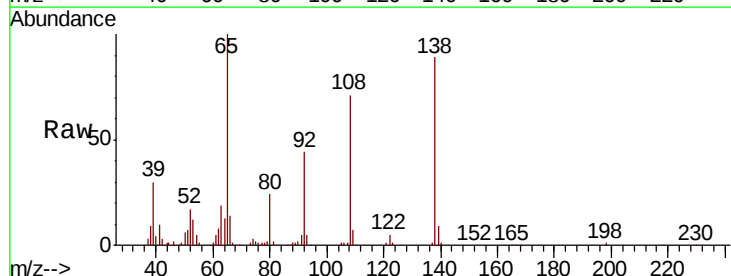
Instrument :
BNA_F
ClientSampleId :

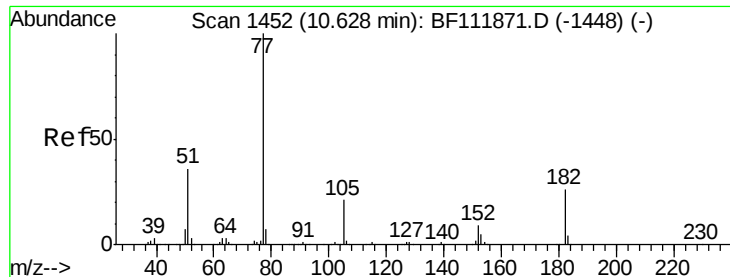
Tot Ion:204 Resp: 619198
Ion Ratio Lower Upper
204 100
206 33.7 26.9 40.3
141 57.4 47.9 71.9



#62
4-Nitroaniline
Concen: 63.624 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion:138 Resp: 292855
Ion Ratio Lower Upper
138 100
92 49.1 31.0 71.0
108 79.6 54.7 94.7





#63

Azobenzene

Concen: 55.782 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

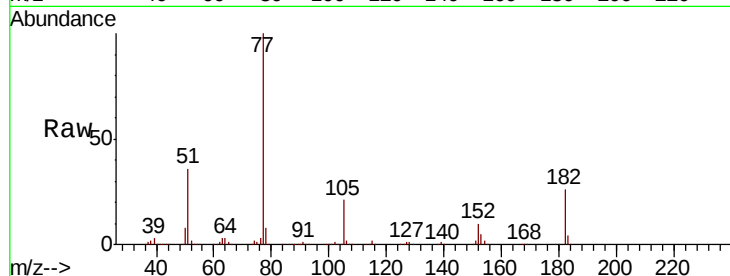
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1223344

Ion	Ratio	Lower	Upper
77	100		
182	26.4	5.7	45.7
105	21.0	0.8	40.8
51	35.7	15.6	55.6

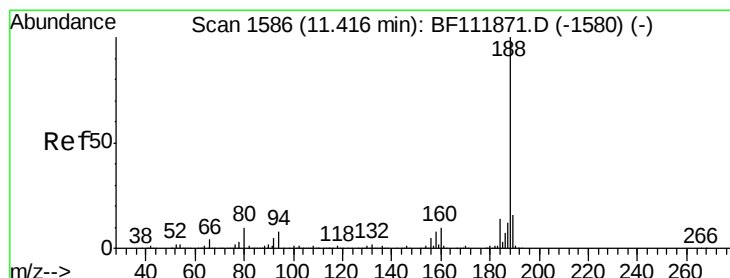
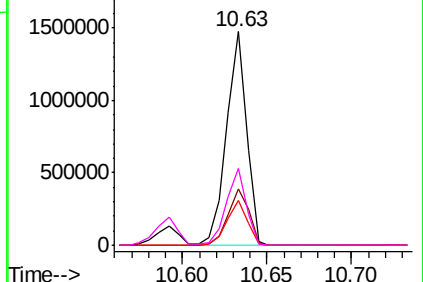
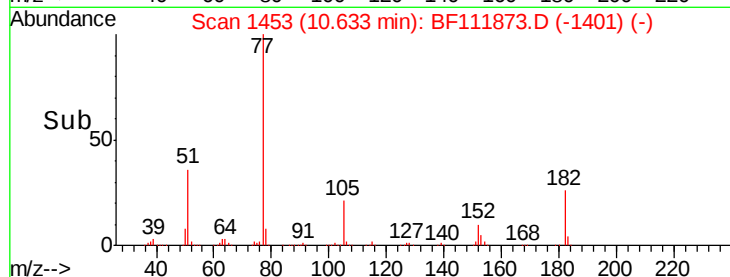


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

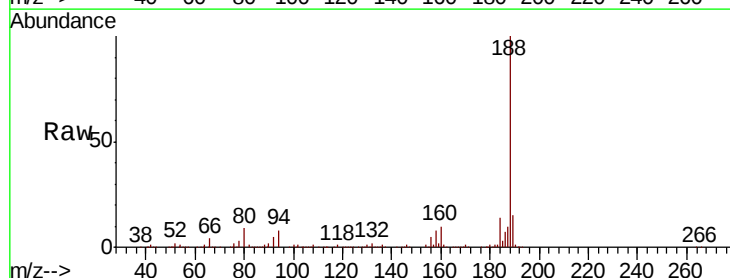
Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Tgt Ion: 188 Resp: 516620

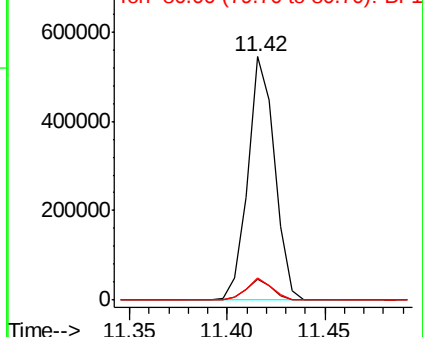
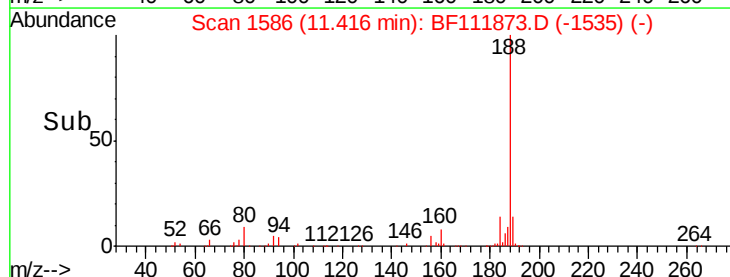
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	9.1	7.7	11.5

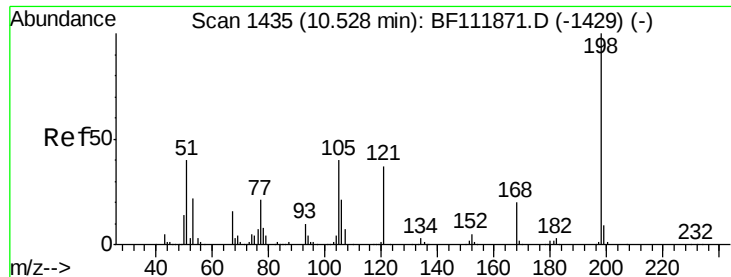


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

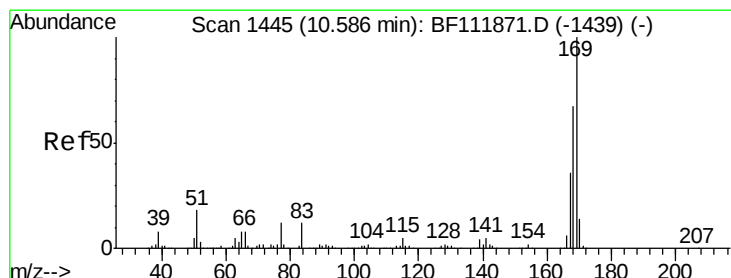
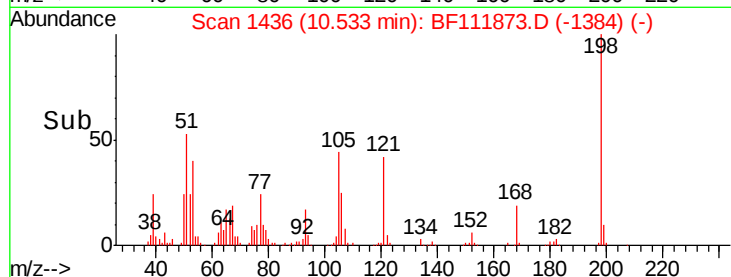
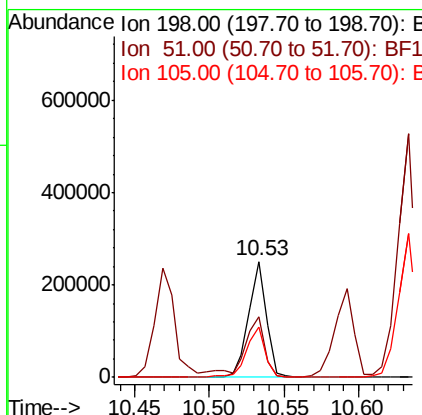
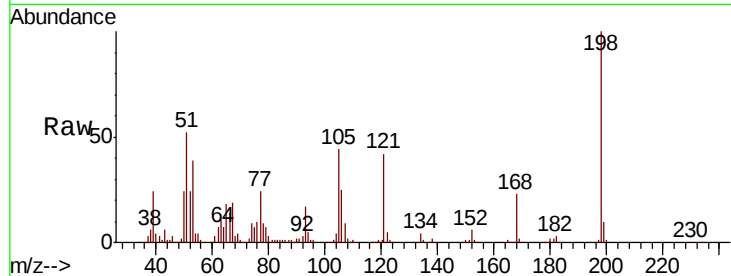




#65
4,6-Dinitro-2-methylphenol
Concen: 108.352 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

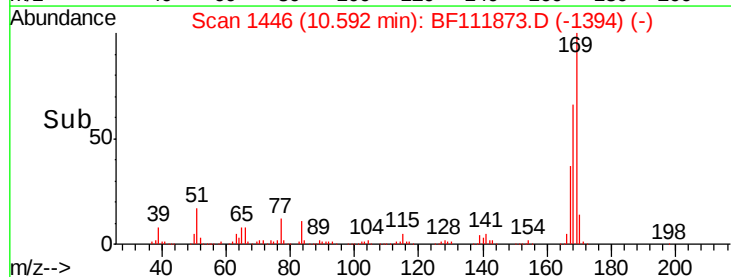
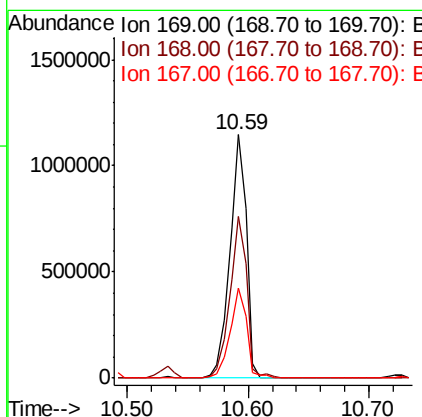
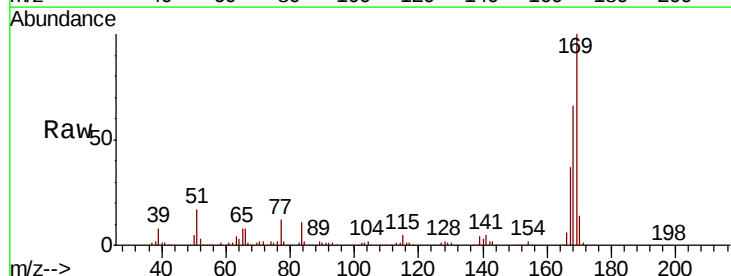
Instrument :
BNA_F
ClientSampleId :

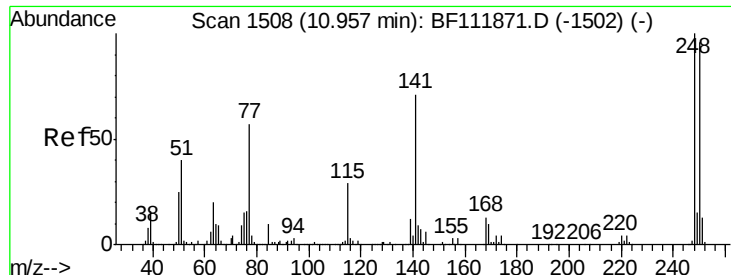
Tot Ion:198 Resp: 209109
Ion Ratio Lower Upper
198 100
51 52.3 27.2 67.2
105 43.9 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 62.871 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion:169 Resp: 1090311
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.6
167 36.9 29.1 43.7

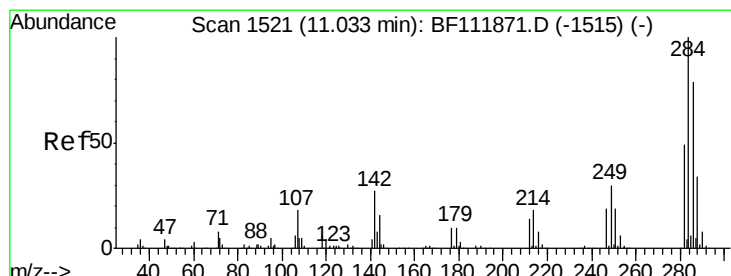
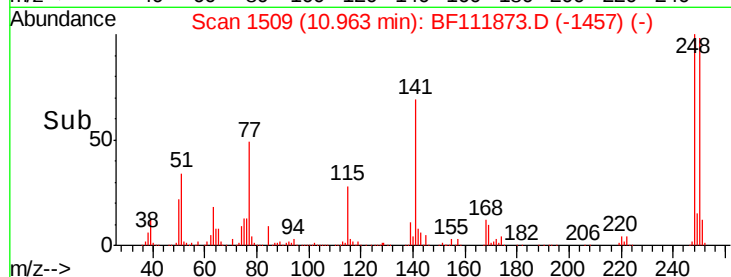
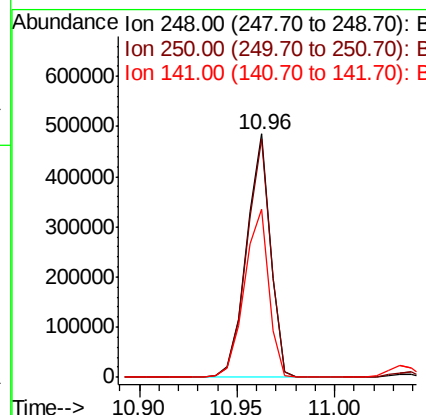
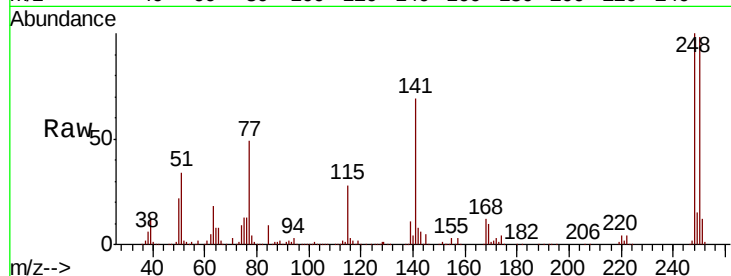




#67
 4-Bromophenyl-phenylether
 Concen: 64.347 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF111873.D
 Acq: 7 Jan 2019 12:43

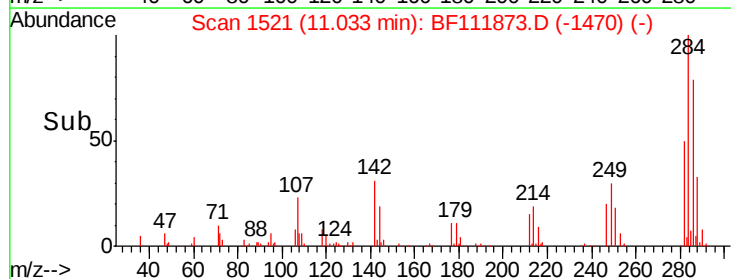
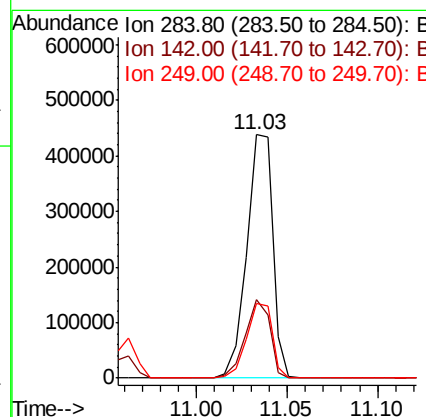
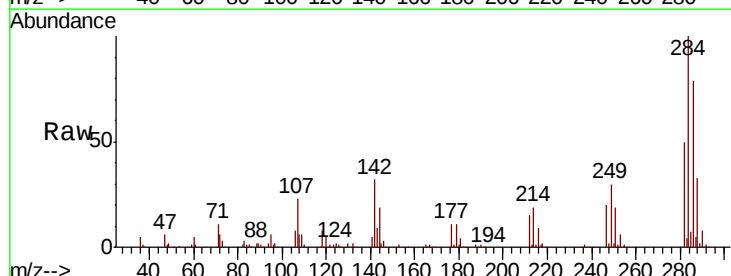
Instrument :
 BNA_F
 ClientSampleId :

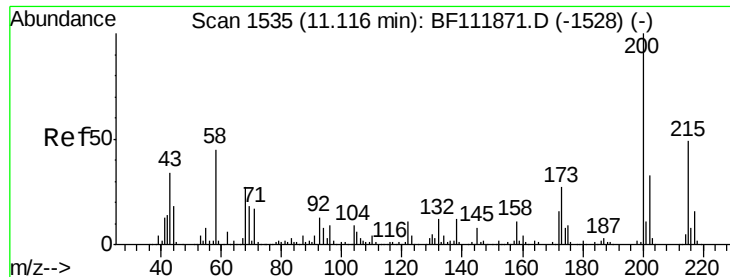
Tot Ion:248 Resp: 412320
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.8 115.2
 141 69.2 57.0 85.6



#68
 Hexachlorobenzene
 Concen: 61.186 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF111873.D
 Acq: 7 Jan 2019 12:43

Tgt Ion:284 Resp: 437141
 Ion Ratio Lower Upper
 284 100
 142 32.5 21.8 32.6
 249 30.4 23.8 35.6





#69

Atrazine

Concen: 54.357 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

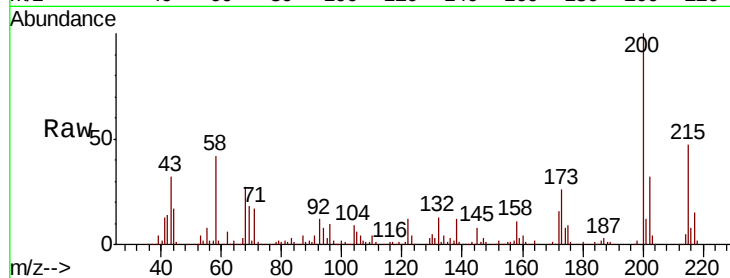
Tot Ion:200 Resp: 327482

Ion Ratio Lower Upper

200 100

173 26.2 6.6 46.6

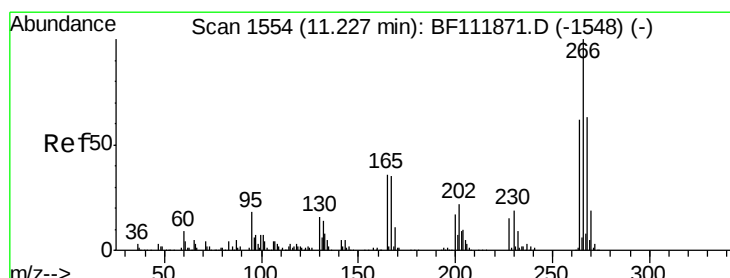
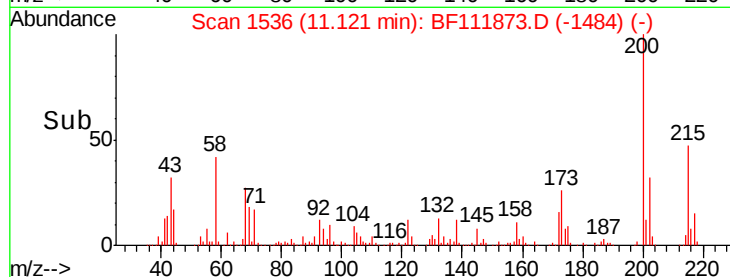
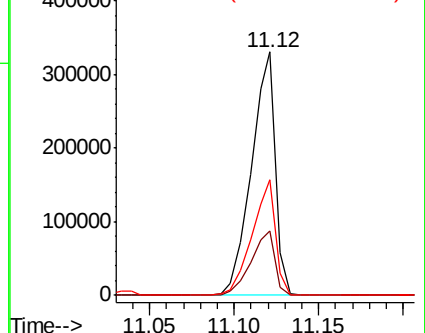
215 47.4 28.9 68.9



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: 58.098 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

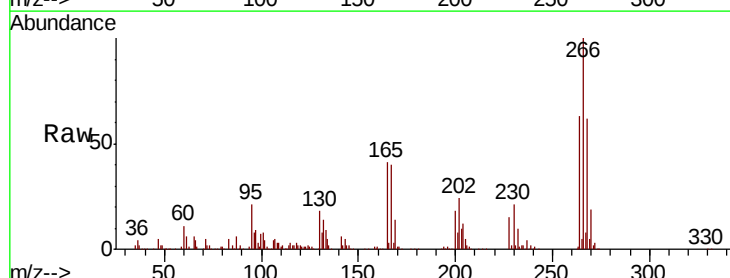
Tgt Ion:266 Resp: 256608

Ion Ratio Lower Upper

266 100

268 62.2 50.6 76.0

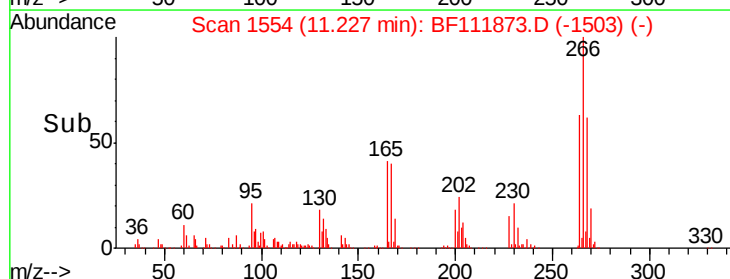
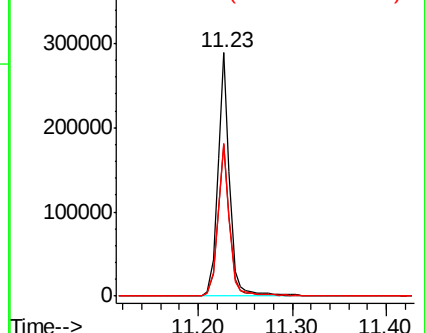
264 62.9 49.3 73.9

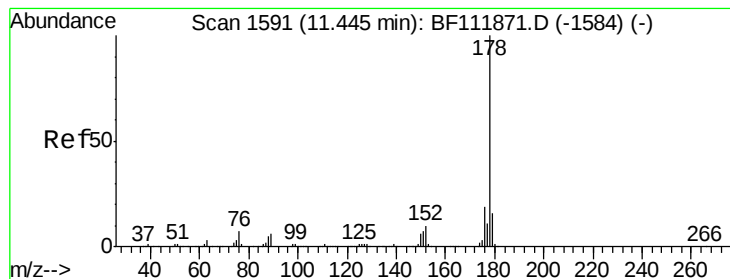


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 56.497 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

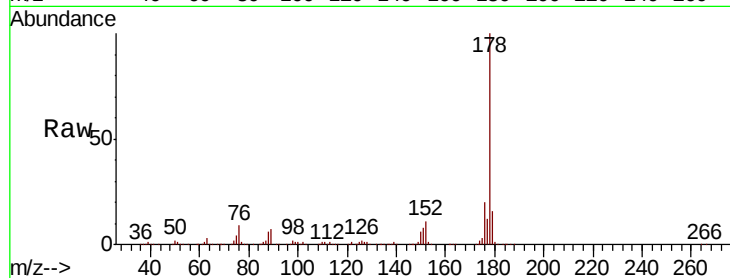
Tot Ion:178 Resp: 1547911

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

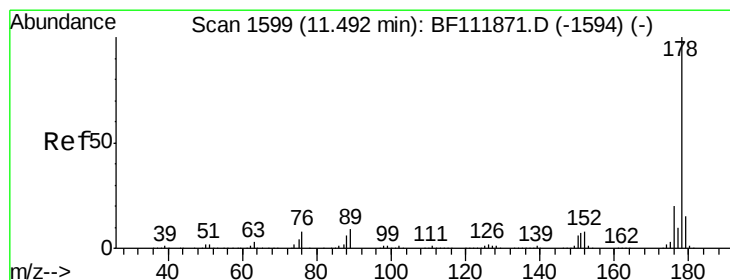
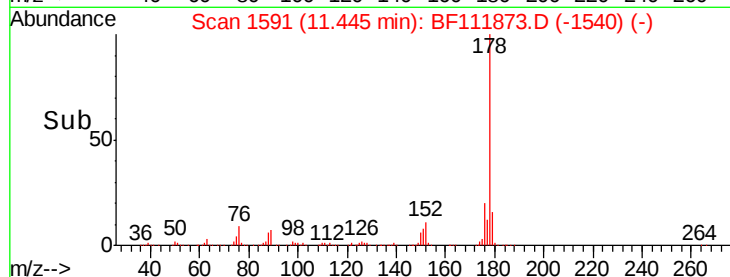
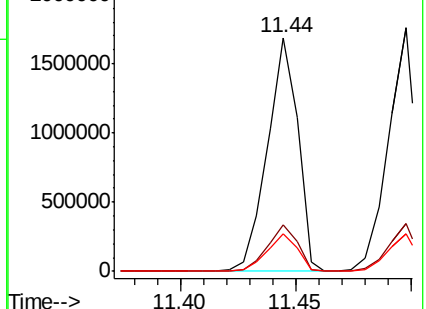
179 15.9 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.579 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

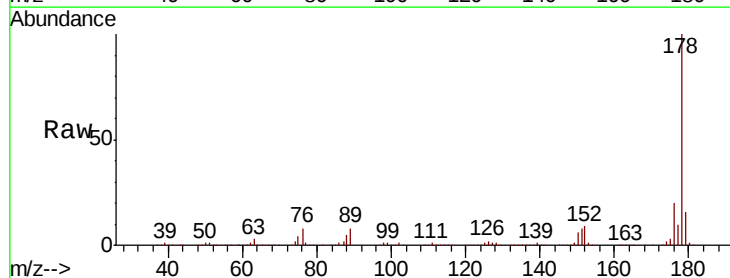
Tgt Ion:178 Resp: 1473458

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

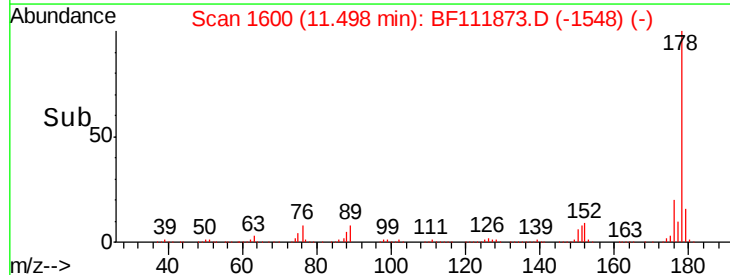
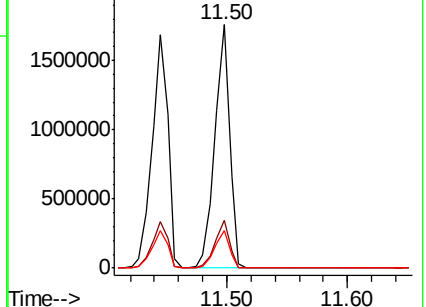
179 15.6 12.4 18.6

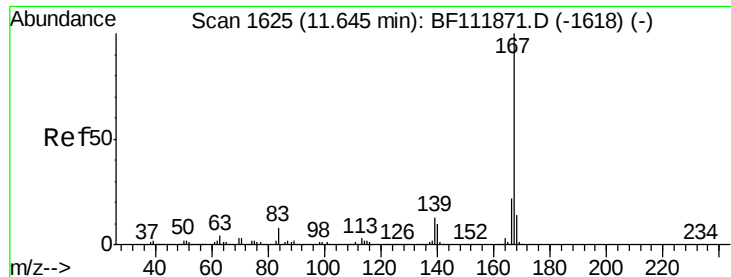


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

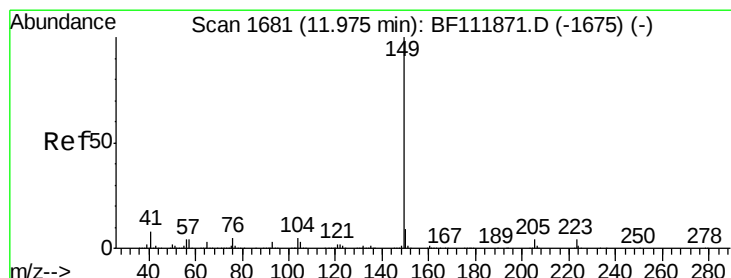
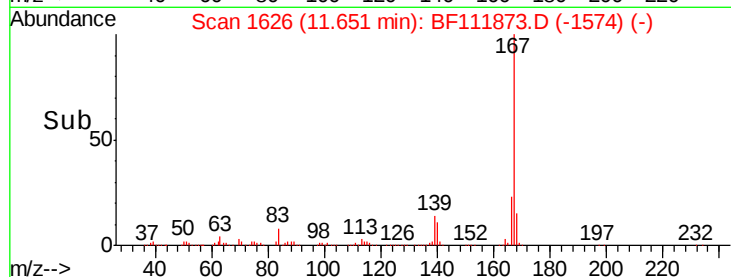
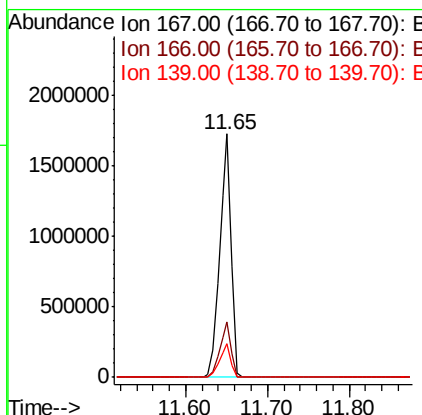
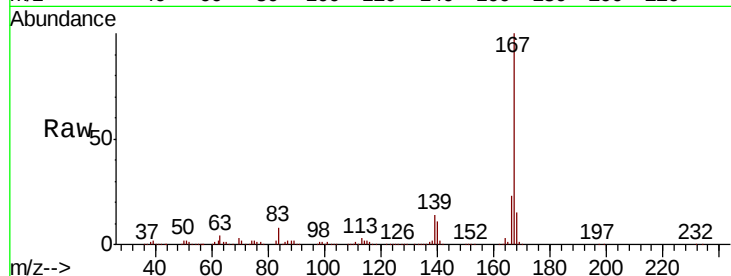




#73
 Carbazole
 Concen: 62.742 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF111873.D
 Acq: 7 Jan 2019 12:43

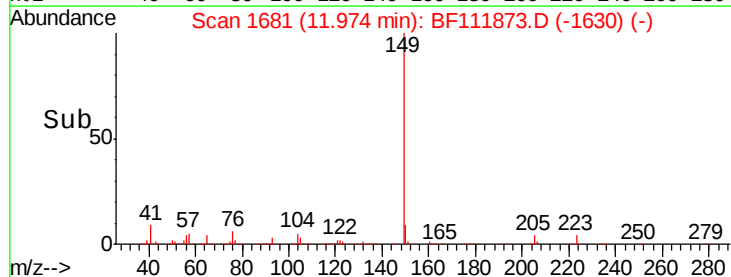
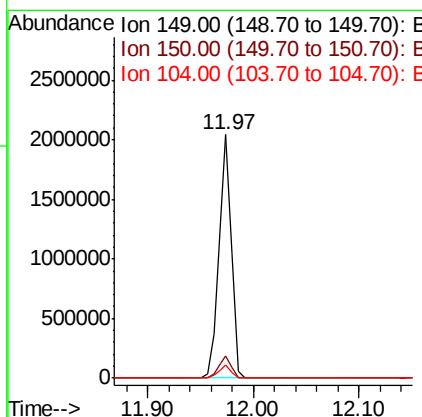
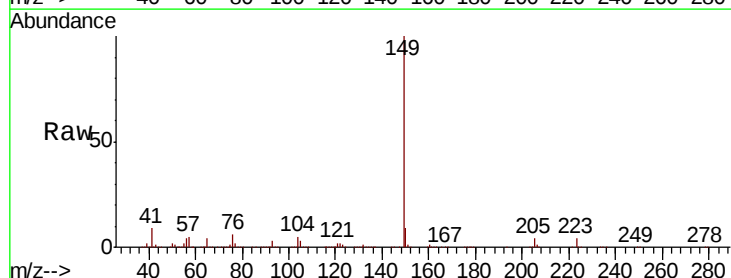
Instrument :
 BNA_F
 ClientSampleId :

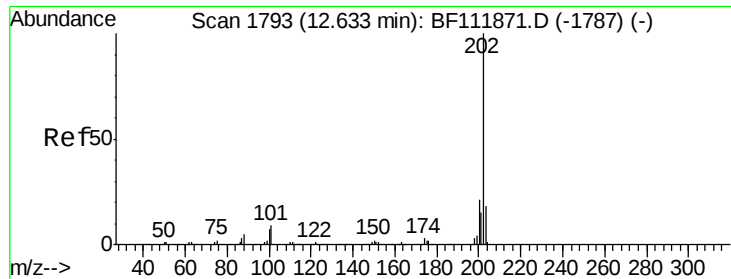
Tot Ion:167 Resp: 1675194
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.6
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 57.439 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF111873.D
 Acq: 7 Jan 2019 12:43

Tgt Ion:149 Resp: 1719483
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.5 3.9 5.9





#75

Fluoranthene

Concen: 60.718 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampled :

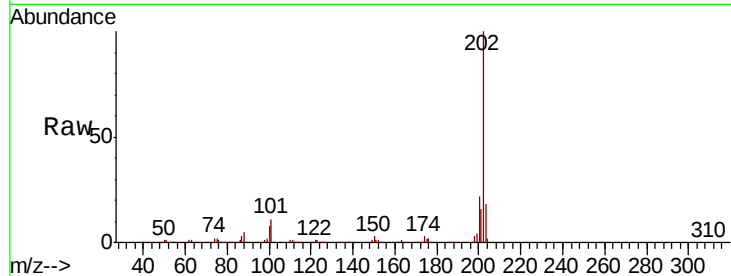
Tot Ion:202 Resp: 1684595

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.3

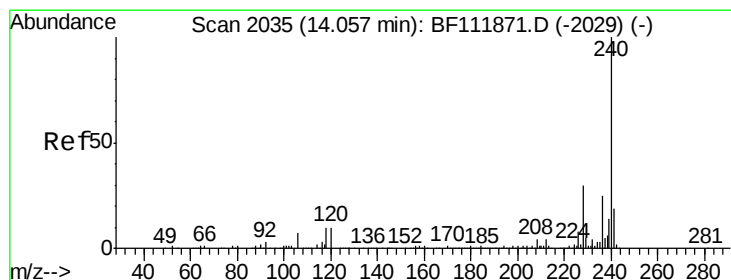
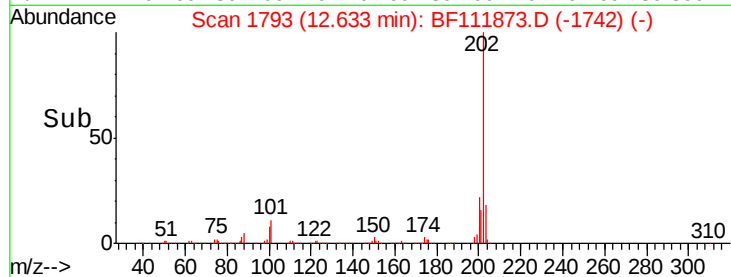
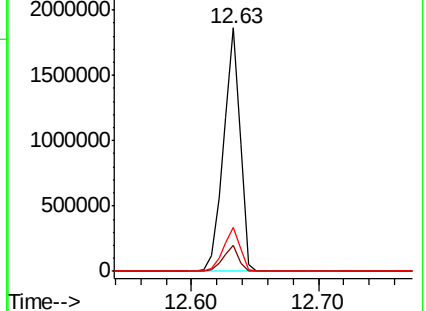
203 18.2 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

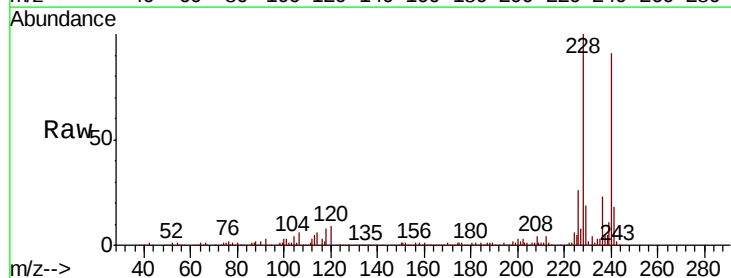
Tgt Ion:240 Resp: 258665

Ion Ratio Lower Upper

240 100

120 9.7 8.2 12.2

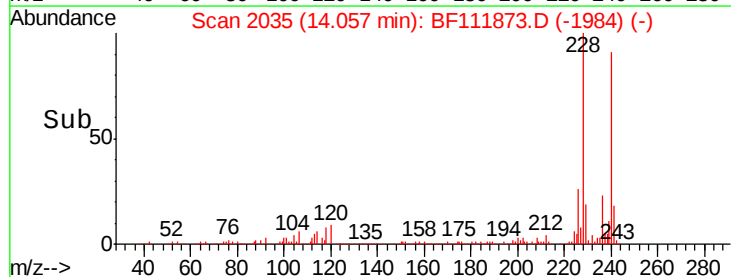
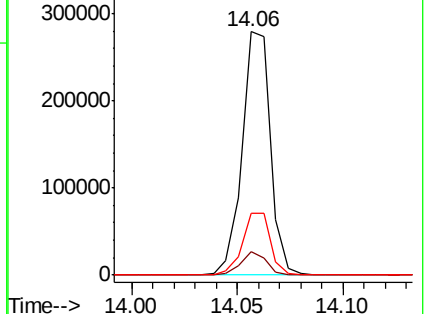
236 25.5 20.2 30.4

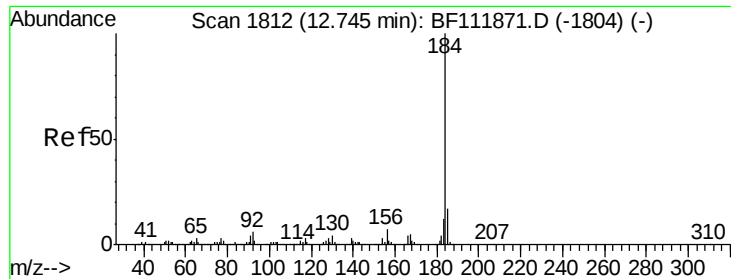


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 71.659 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

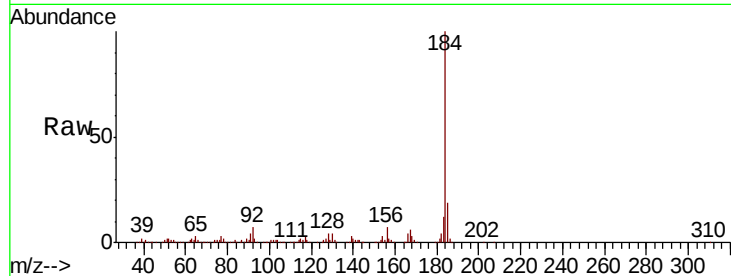
Tot Ion:184 Resp: 697489

Ion Ratio Lower Upper

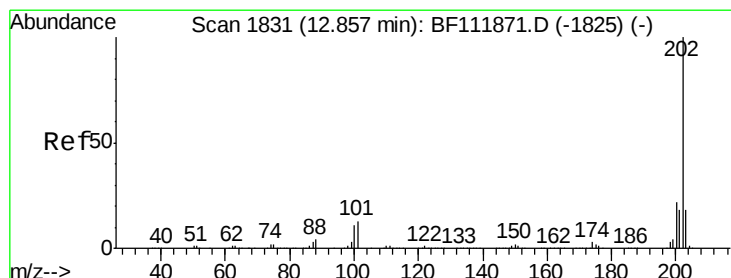
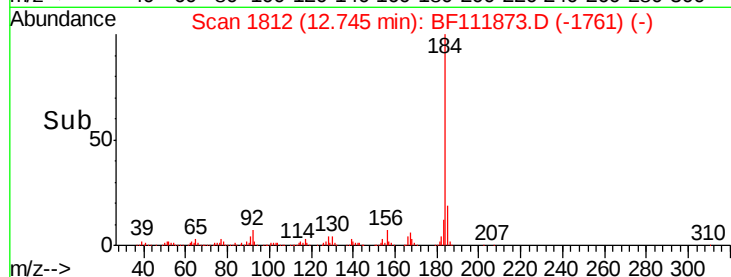
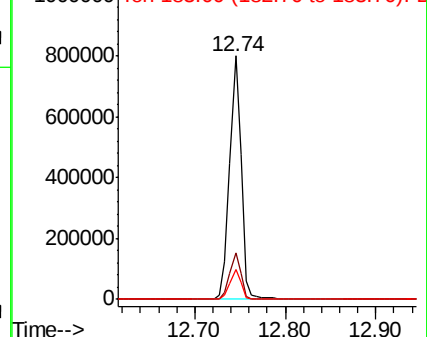
184 100

185 18.9 13.4 20.0

183 12.0 9.6 14.4



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: 98.387 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

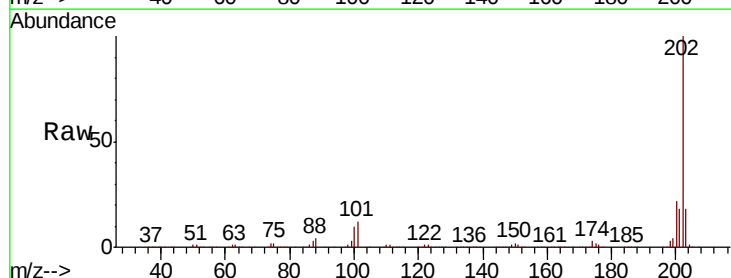
Tgt Ion:202 Resp: 1797165

Ion Ratio Lower Upper

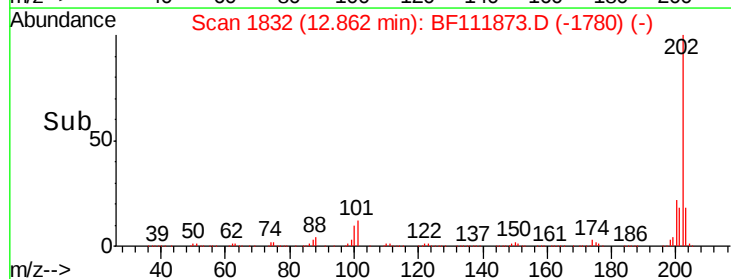
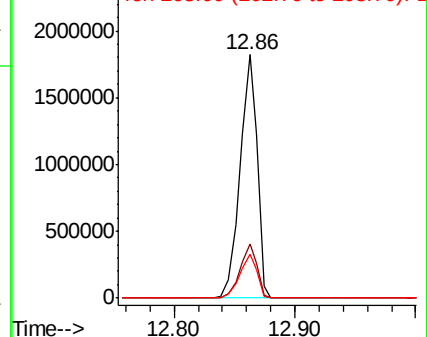
202 100

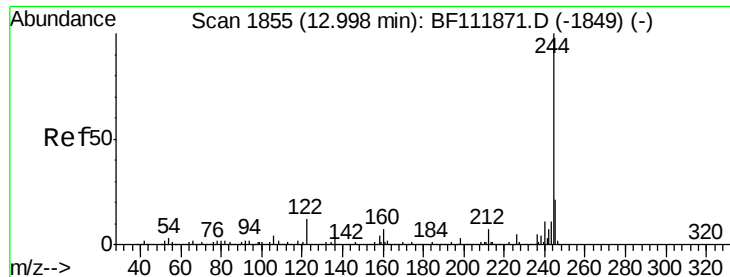
200 22.1 17.4 26.2

203 18.0 14.6 21.8



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: 191.887 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

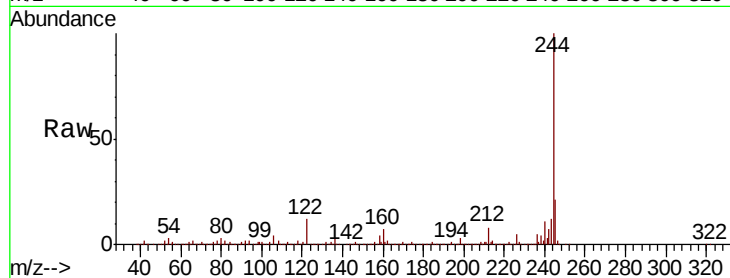
Tot Ion:244 Resp: 2617281

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

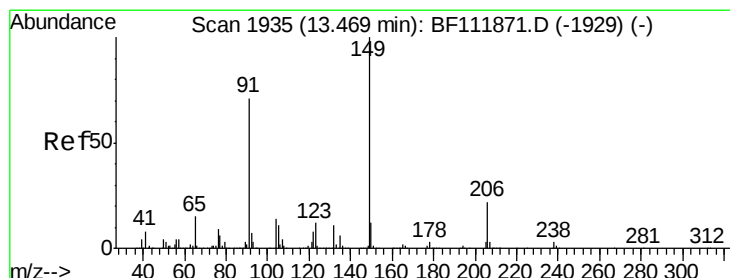
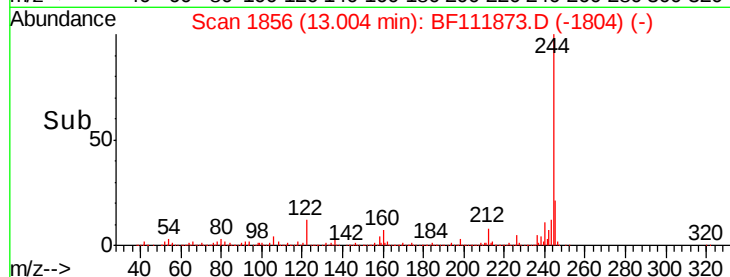
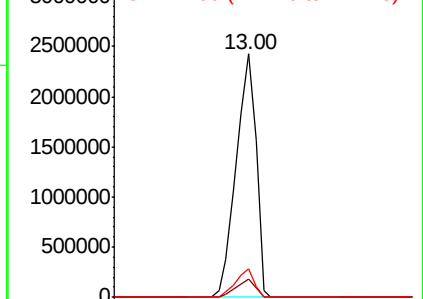
122 11.6 9.5 14.3



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: 88.303 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

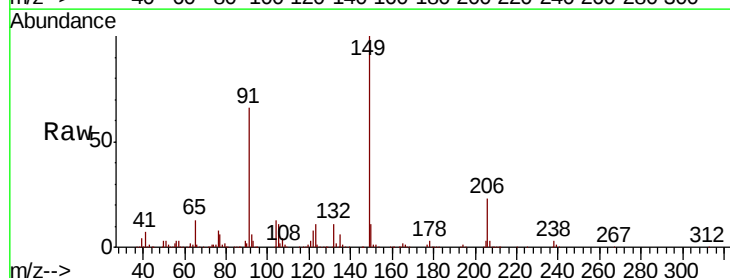
Tgt Ion:149 Resp: 657485

Ion Ratio Lower Upper

149 100

91 65.8 57.2 85.8

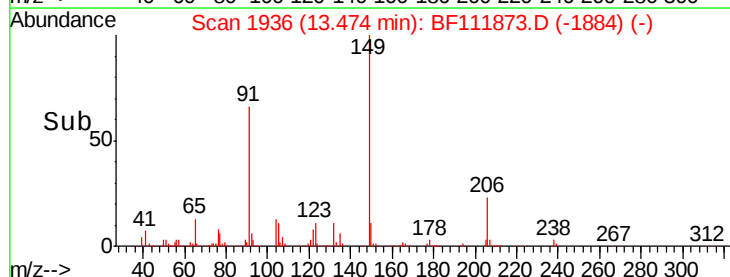
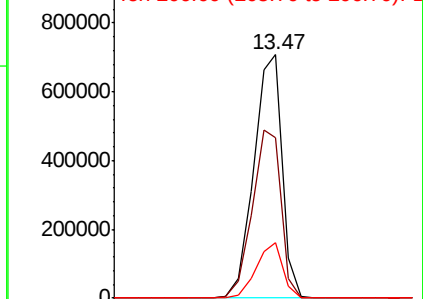
206 22.6 17.3 25.9

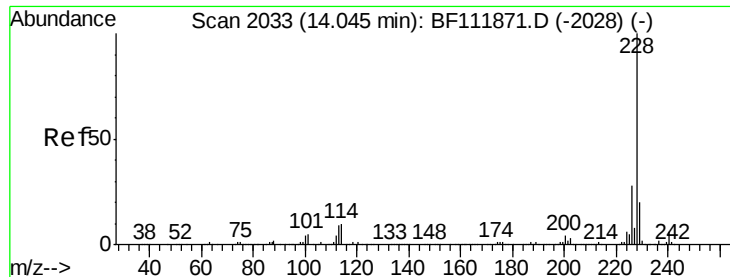


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

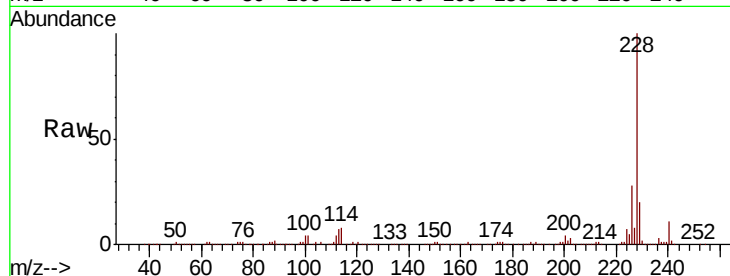




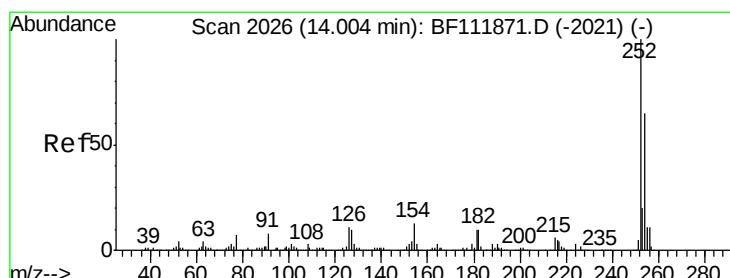
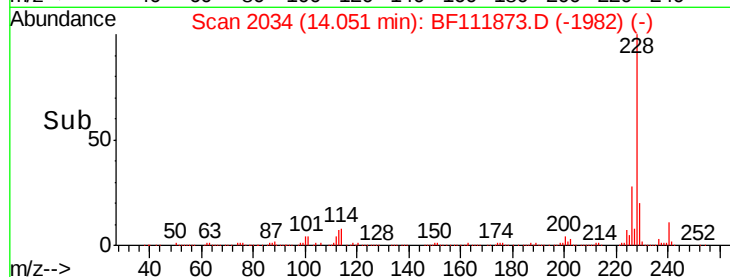
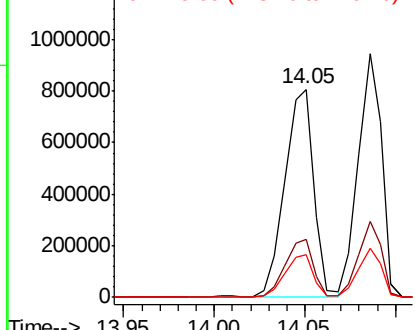
#81
Benzo(a)anthracene
Concen: 61.311 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 905069
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.2
229 20.3 16.2 24.2

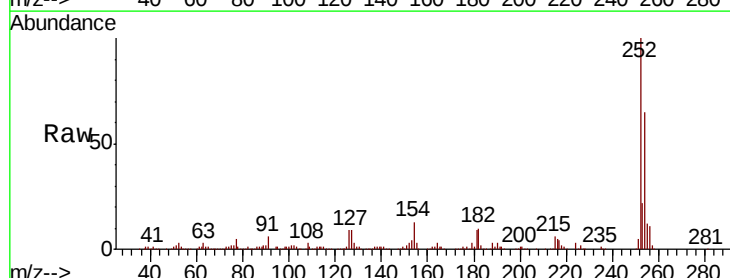


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

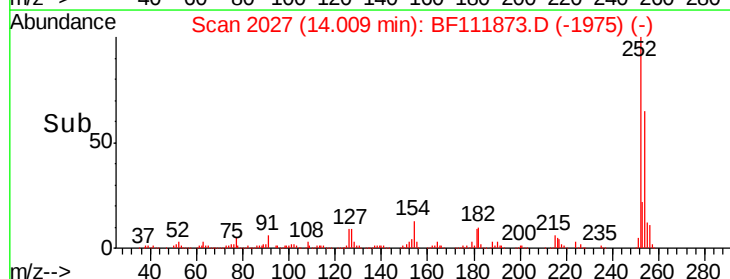
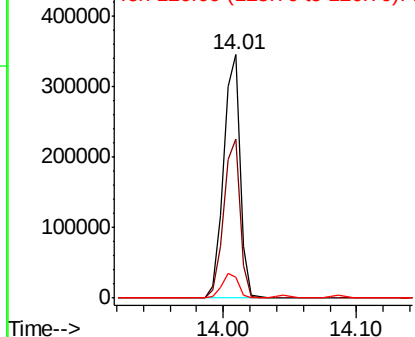


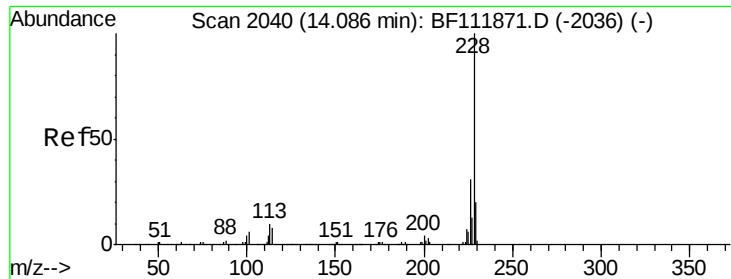
#82
3,3'-Dichlorobenzidine
Concen: 52.160 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion:252 Resp: 304228
Ion Ratio Lower Upper
252 100
254 65.3 52.1 78.1
126 8.6 8.6 12.8



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

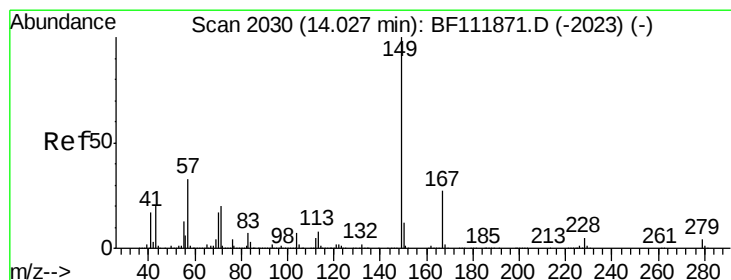
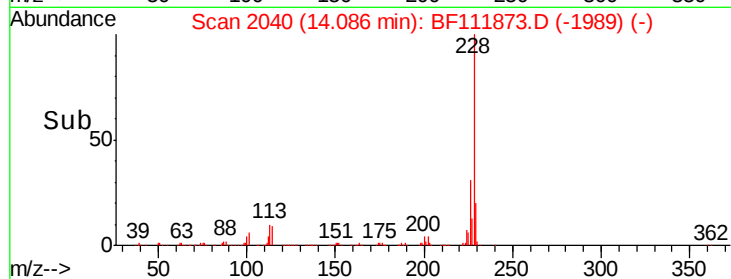
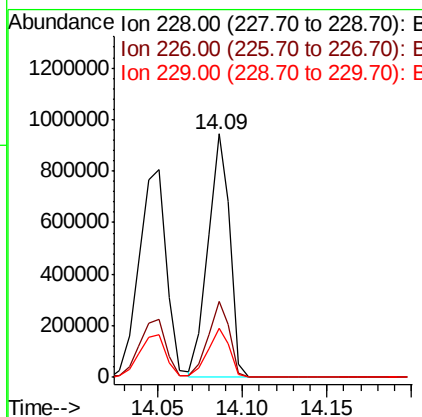
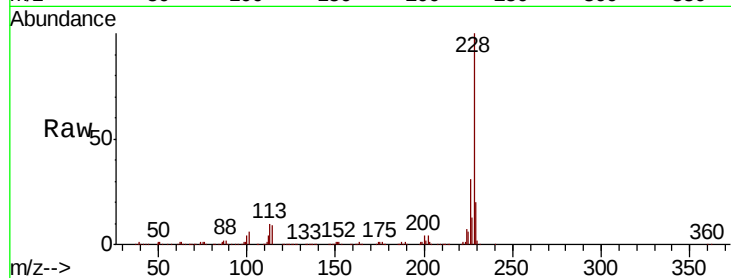




#83
Chrysene
Concen: 58.608 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

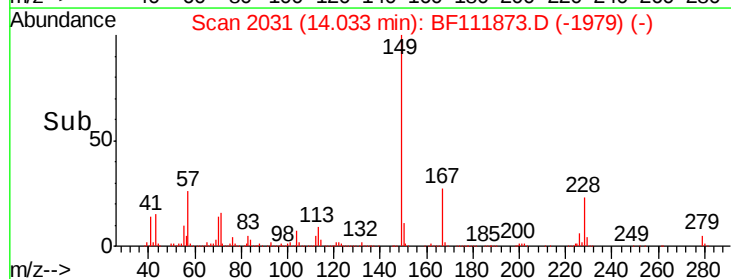
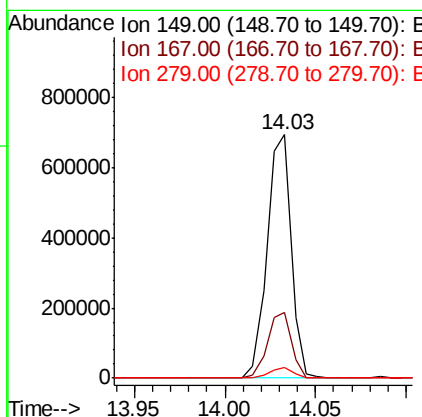
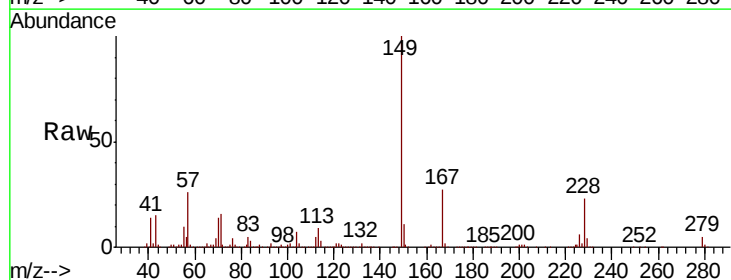
Instrument :
BNA_F
ClientSampleId :

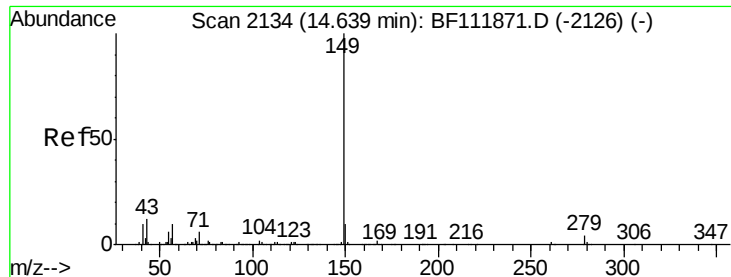
Tot Ion:228 Resp: 850329
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 20.1 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 68.466 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion:149 Resp: 642130
Ion Ratio Lower Upper
149 100
167 27.1 21.5 32.3
279 4.6 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 58.965 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

Instrument :

BNA_F

ClientSampleId :

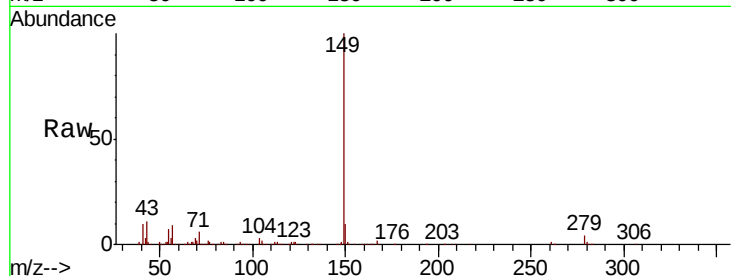
Tot Ion:149 Resp: 856826

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

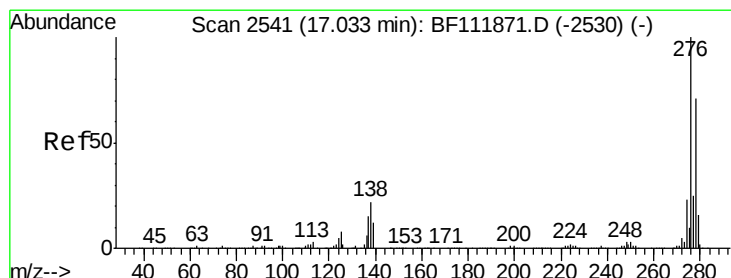
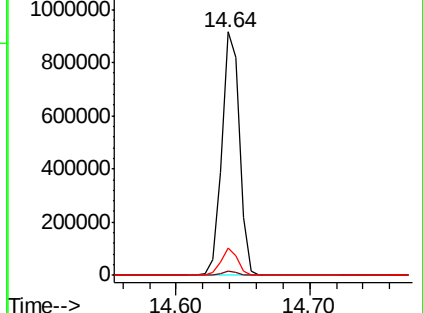
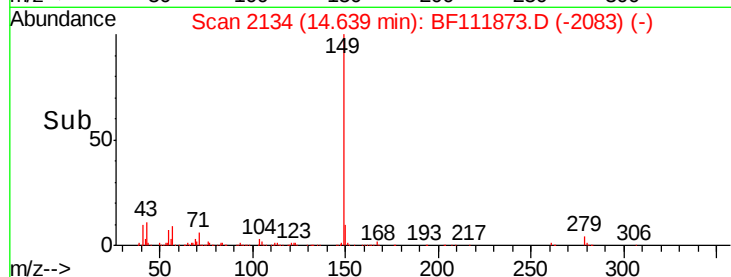
43 10.9 9.1 13.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.088 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF111873.D

Acq: 7 Jan 2019 12:43

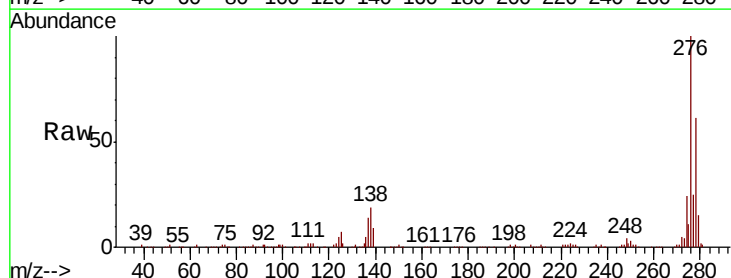
Tgt Ion:276 Resp: 667113

Ion Ratio Lower Upper

276 100

138 20.2 18.1 27.1

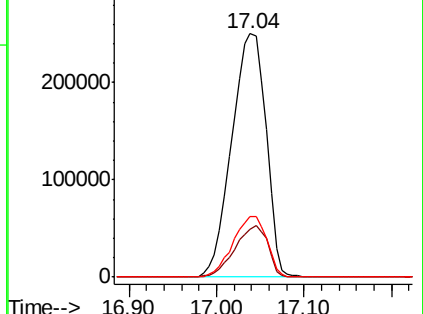
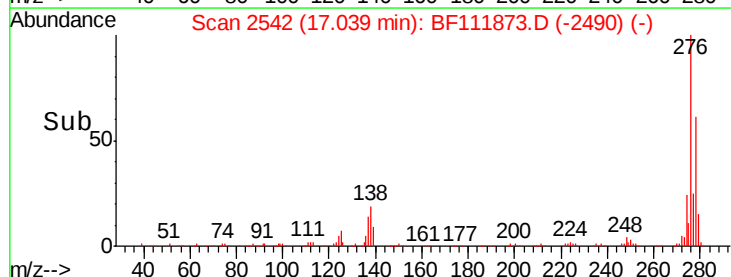
277 24.6 19.9 29.9

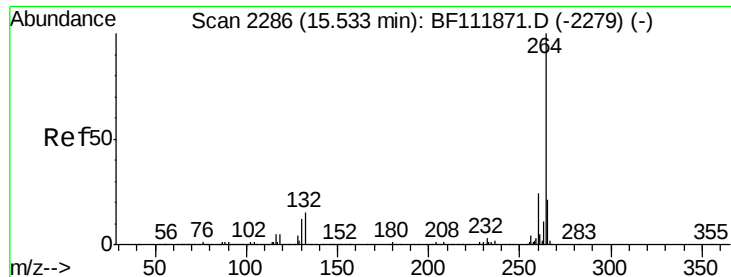


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

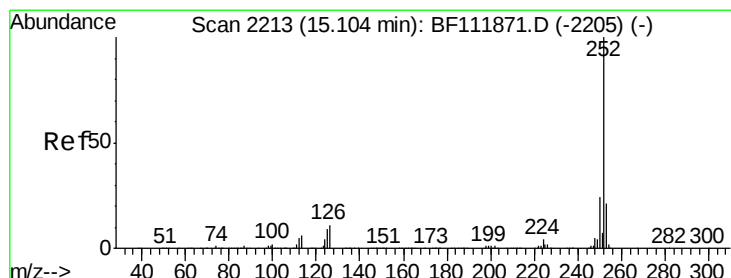
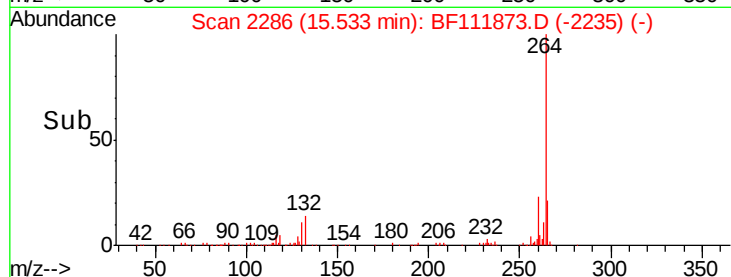
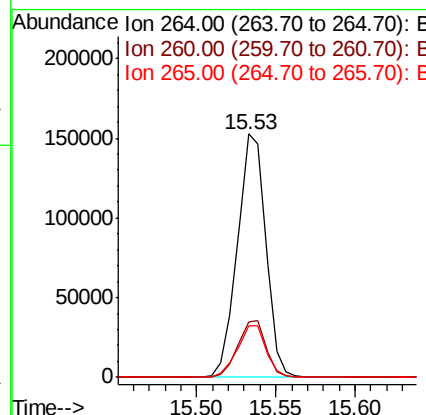
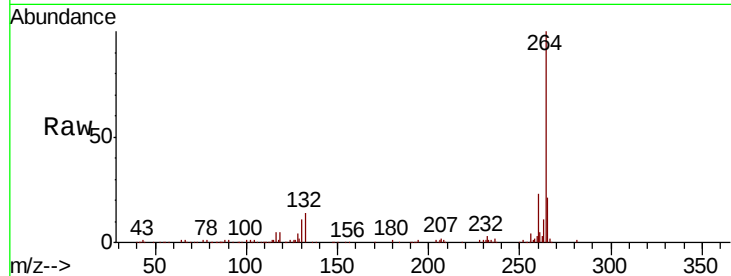




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

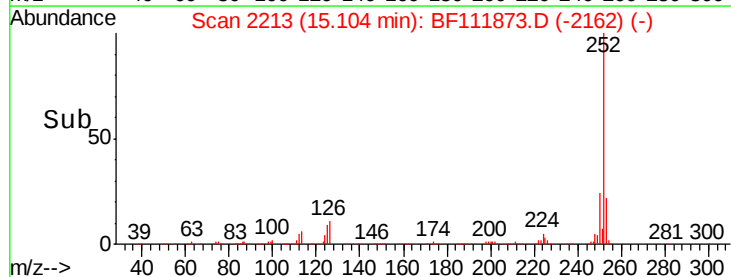
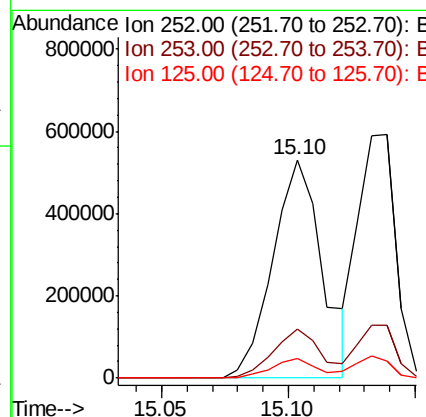
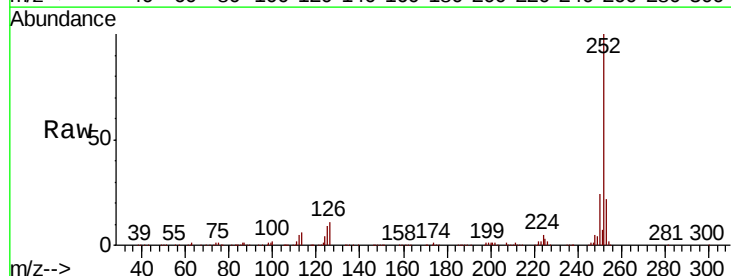
Instrument :
BNA_F
ClientSampleId :

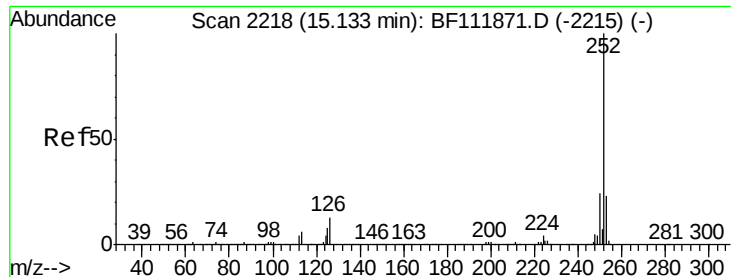
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.1	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 64.796 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	9.1	7.1	10.7

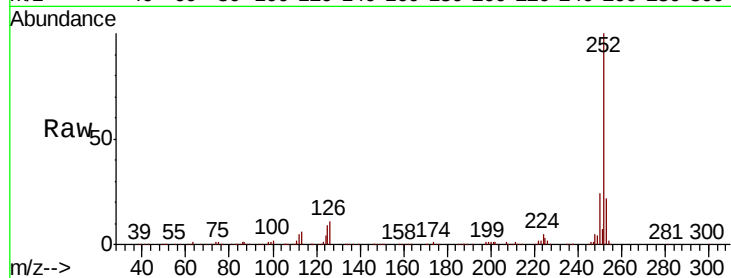




#89
Benzo(k)fluoranthene
Concen: 68.061 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	9.1	7.0	10.4

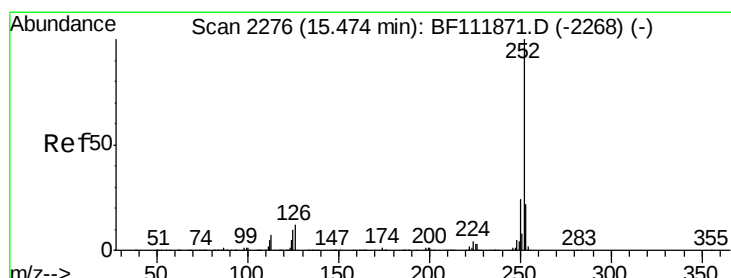
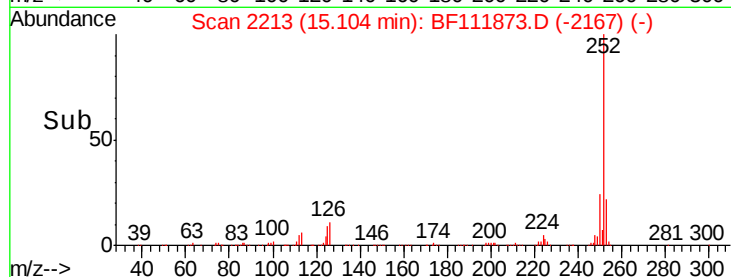
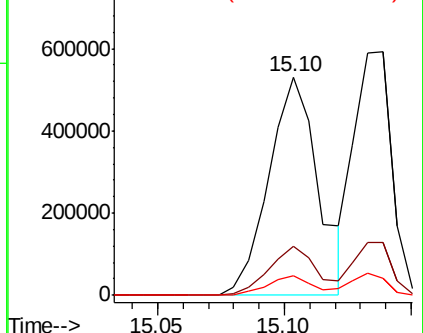


Abundance

Ion 252.00 (251.70 to 252.70): E

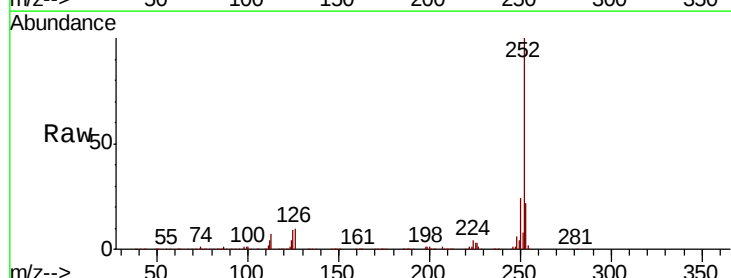
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 60.411 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	8.7	7.9	11.9

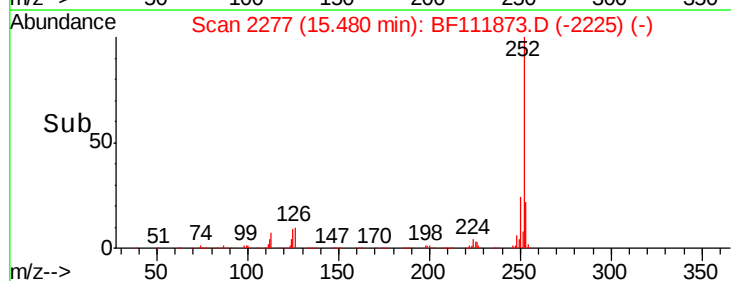
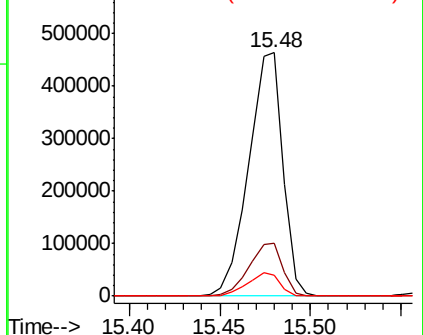


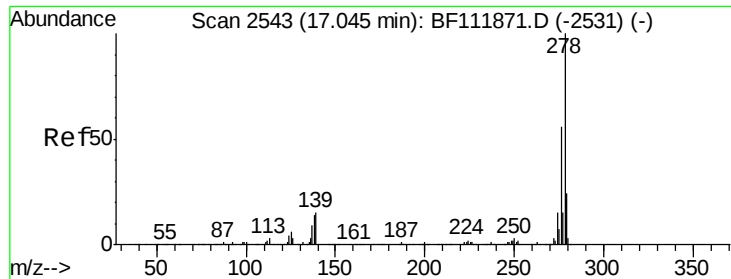
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

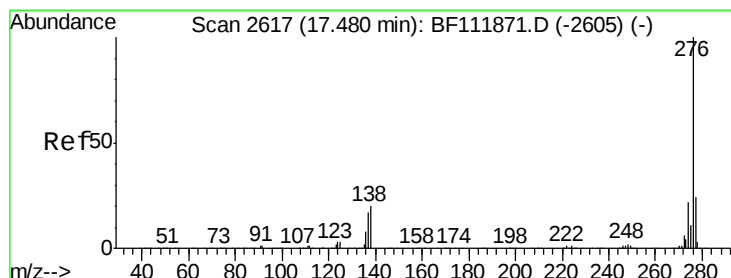
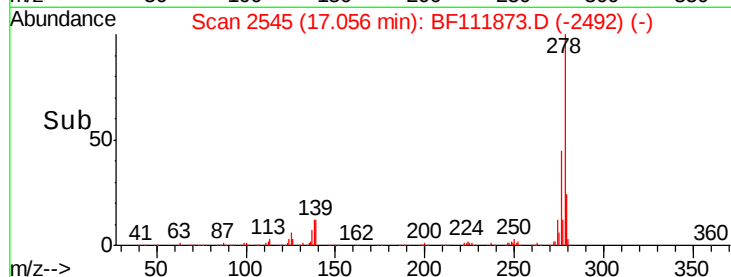
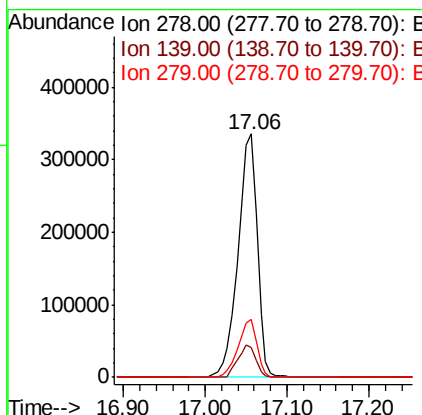
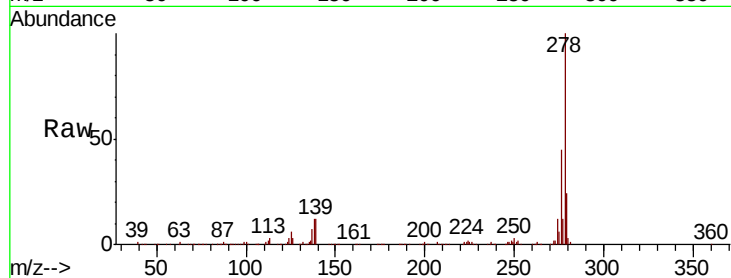




#91
Dibenzo(a,h)anthracene
Concen: 62.659 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.1	11.8	17.6
279	23.8	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 62.807 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.01 min
Lab File: BF111873.D
Acq: 7 Jan 2019 12:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.0	28.6
138	17.5	16.2	24.2

