

Data File : BP001571.D
Acq On : 09 Jan 2020 01:54
Operator : JU
Sample : L1051-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

Quant Time: Jan 09 04:28:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 15:02:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	29731	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	121076	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	91437	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	233509	20.00	ng	0.00
76) Chrysene-d12	21.16	240	228277	20.00	ng	-0.01
87) Perylene-d12	23.41	264	235830	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	224193	147.72	ng	0.00
7) Phenol-d6	6.86	99	352154	145.18	ng	0.00
23) Nitrobenzene-d5	8.80	82	252919	91.28	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	193279	138.86	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	585053	94.07	ng	0.00
79) Terphenyl-d14	19.65	244	1041091	83.42	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	23	0.047	ng	# 1
3) Pyridine	3.62	79	88	0.050	ng	# 6
4) n-Nitrosodimethylamine	3.59	42	128	0.103	ng	# 1
6) Aniline	6.98	93	30	0.010	ng	# 67
8) 2-Chlorophenol	7.48	128	16	0.009	ng	# 88
9) Benzaldehyde	6.80	77	38	0.026	ng	# 45
10) Phenol	6.88	94	8100	3.228	ng	# 78
11) bis(2-Chloroethyl)ether	7.08	93	42	0.021	ng	# 60
12) 1,3-Dichlorobenzene	7.55	146	7	0.003	ng	# 41
13) 1,4-Dichlorobenzene	7.69	146	16	0.007	ng	# 1
14) 1,2-Dichlorobenzene	7.98	146	89	0.040	ng	# 1
15) Benzyl Alcohol	7.97	79	5045	2.209	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	8.39	45	50	0.014	ng	# 58
17) 2-Methylphenol	8.11	107	24	0.014	ng	# 1
18) Hexachloroethane	8.72	117	26	0.029	ng	# 54
19) n-Nitroso-di-n-propylamine	8.47	70	61	0.033	ng	# 76
20) 3+4-Methylphenols	8.61	107	12	0.005	ng	# 93
22) Acetophenone	8.48	105	166	0.049	ng	# 51
24) Nitrobenzene	8.81	77	1397	0.498	ng	# 41
25) Isophorone	9.38	82	36	0.007	ng	# 1
26) 2-Nitrophenol	9.65	139	6	0.006	ng	# 84
27) 2,4-Dimethylphenol	9.63	122	16	0.010	ng	# 51
28) bis(2-Chloroethoxy)methane	9.85	93	32	0.011	ng	# 73
29) 2,4-Dichlorophenol	10.12	162	12	0.006	ng	# 89
30) 1,2,4-Trichlorobenzene	10.30	180	6	0.002	ng	# 1
31) Naphthalene	10.49	128	50	0.008	ng	# 80
32) Benzoic acid	9.66	122	5	4.706	ng	# 95
33) 4-Chloroaniline	10.60	127	17	0.006	ng	# 1
34) Hexachlorobutadiene	10.65	225	16	0.009	ng	# 91
35) Caprolactam	11.39	113	7	0.009	ng	# 1
36) 4-Chloro-3-methylphenol	11.75	107	20	0.008	ng	# 68
37) 2-Methylnaphthalene	12.04	142	6	0.001	ng	# 86
38) 1-Methylnaphthalene	12.32	142	32	0.007	ng	# 80
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	6	0.002	ng	# 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	19	0.012	ng	94
43) 2,4,6-Trichlorophenol	12.73	196	9	0.004	ng	# 55
44) 2,4,5-Trichlorophenol	12.79	196	17	0.008	ng	# 16
46) 1,1'-Biphenyl	13.13	154	1070	0.163	ng	89
47) 2-Chloronaphthalene	13.15	162	17	0.003	ng	# 24
48) 2-Nitroaniline	13.37	65	17	0.008	ng	# 64
49) Acenaphthylene	14.02	152	35	0.004	ng	# 81
50) Dimethylphthalate	13.77	163	27558	3.659	ng	97
51) 2,6-Dinitrotoluene	13.88	165	12	0.008	ng	# 33
52) Acenaphthene	14.37	154	107	0.021	ng	# 79
53) 3-Nitroaniline	14.22	138	9	0.005	ng	# 7
54) 2,4-Dinitrophenol	14.42	184	10	0.011	ng	# 59
55) Dibenzofuran	14.69	168	45	0.005	ng	# 53
56) 4-Nitrophenol	14.79	139	4	0.003	ng	97
57) 2,4-Dinitrotoluene	14.67	165	14	0.006	ng	# 37
58) Fluorene	15.36	166	126	0.018	ng	# 97
59) 2,3,4,6-Tetrachlorophenol	14.94	232	20	0.009	ng	# 8
60) Diethylphthalate	15.15	149	390	0.050	ng	# 77
61) 4-Chlorophenyl-phenylether	15.36	204	24	0.006	ng	# 61
62) 4-Nitroaniline	15.36	138	21	0.011	ng	# 47
63) Azobenzene	15.65	77	70	0.009	ng	# 73
65) 4,6-Dinitro-2-methylphenol	15.45	198	6	0.005	ng	# 1
66) n-Nitrosodiphenylamine	15.80	169	6915	1.118	ng	# 46
67) 4-Bromophenyl-phenylether	16.48	248	20	0.008	ng	95
68) Hexachlorobenzene	16.16	284	25	0.008	ng	95
69) Atrazine	16.46	200	7	0.003	ng	80
70) Pentachlorophenol	16.65	266	9	0.005	ng	94
71) Phenanthrene	17.10	178	1471	0.116	ng	# 94
72) Anthracene	17.20	178	797	0.064	ng	# 84
73) Carbazole	17.47	167	296	0.026	ng	# 81
74) Di-n-butylphthalate	18.05	149	1640	0.119	ng	# 93
75) Fluoranthene	19.08	202	5056	0.303	ng	94
77) Benzidine	19.26	184	8	0.002	ng	# 1
78) Pyrene	19.43	202	3969	0.237	ng	# 90
80) Butylbenzylphthalate	20.20	149	53	0.008	ng	85
81) Benzo(a)anthracene	21.15	228	2112	0.133	ng	# 89
82) 3,3'-Dichlorobenzidine	21.07	252	238	0.040	ng	# 63
83) Chrysene	21.20	228	1294	0.084	ng	# 68
84) Bis(2-ethylhexyl)phthalate	21.10	149	893	0.102	ng	# 88
85) Di-n-octyl phthalate	21.99	149	519	0.037	ng	# 60
86) Indeno(1,2,3-cd)pyrene	25.68	276	269	0.015	ng	# 77
88) Benzo(b)fluoranthene	22.73	252	480	0.032	ng	# 66
89) Benzo(k)fluoranthene	22.77	252	426	0.029	ng	# 1
90) Benzo(a)pyrene	23.30	252	869	0.062	ng	# 1
91) Dibenzo(a,h)anthracene	25.68	278	138	0.009	ng	# 14
92) Benzo(g,h,i)perylene	26.43	276	11	0.001	ng	# 1

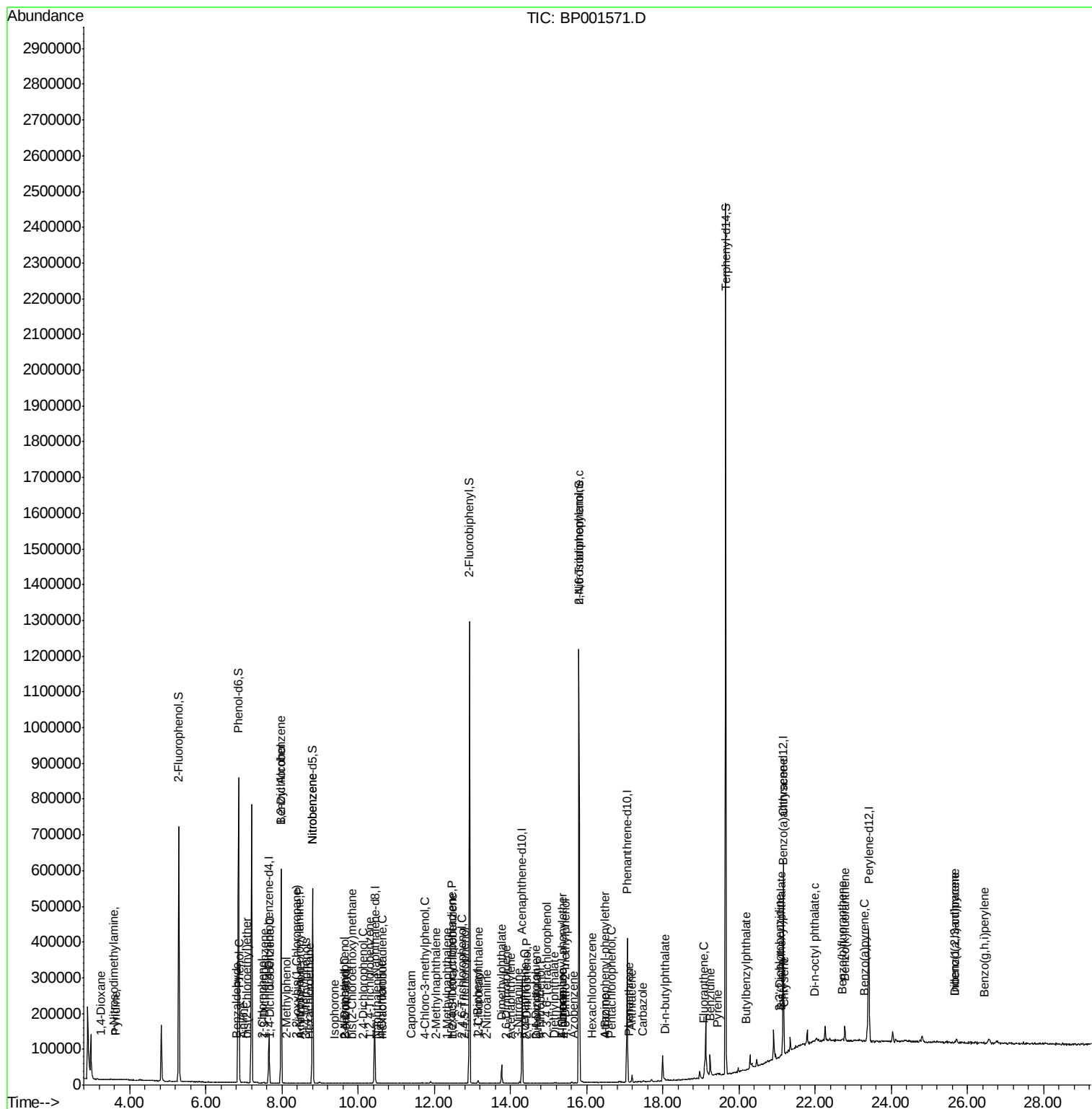
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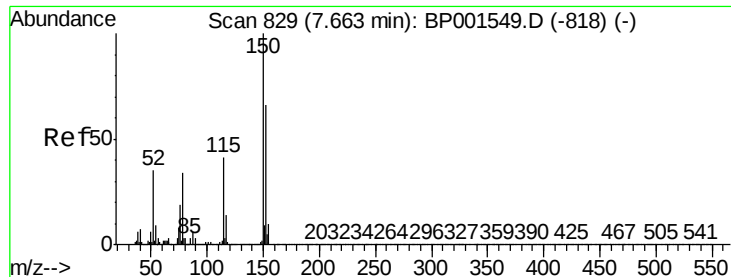
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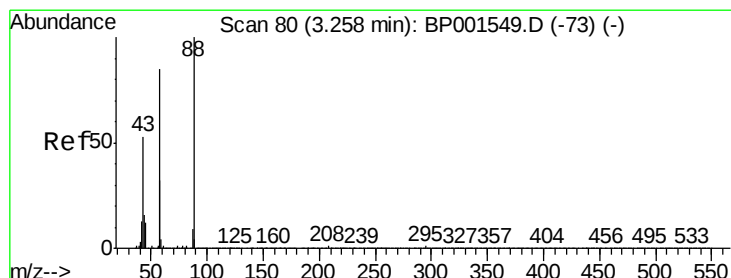
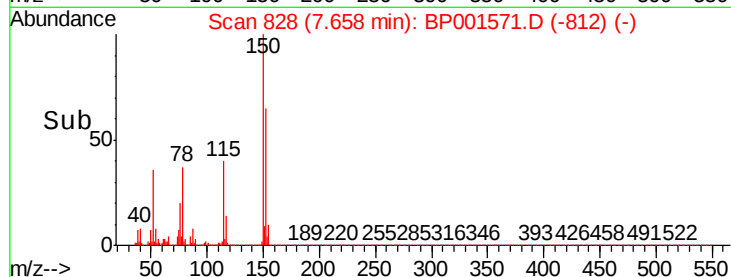
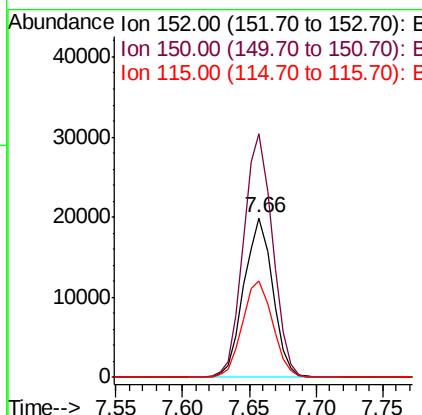
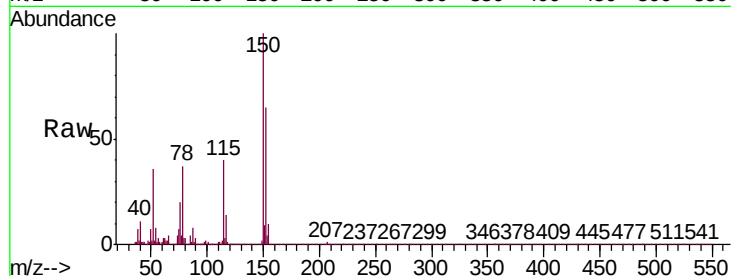


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 828
Delta R.T. -0.01 min
Lab File: BP001571.D
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ClientSampleId :
SB-3F-(8.5-10.5)

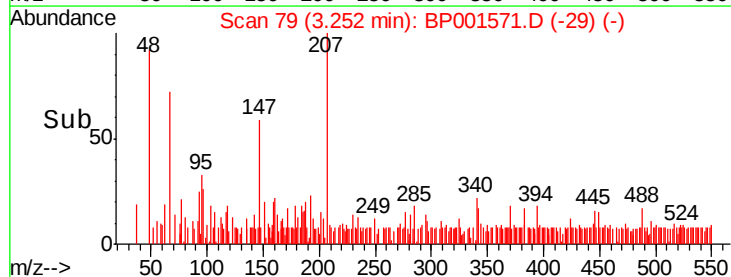
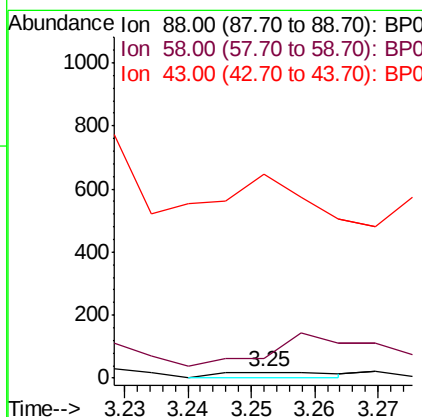
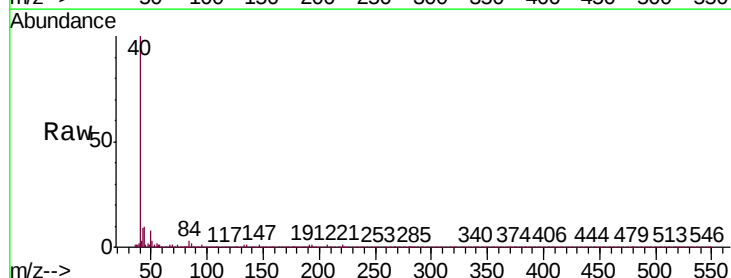
Tgt Ion:152 Resp: 29731
Ion Ratio Lower Upper
152 100
150 152.9 122.0 183.0
115 60.7 50.7 76.1

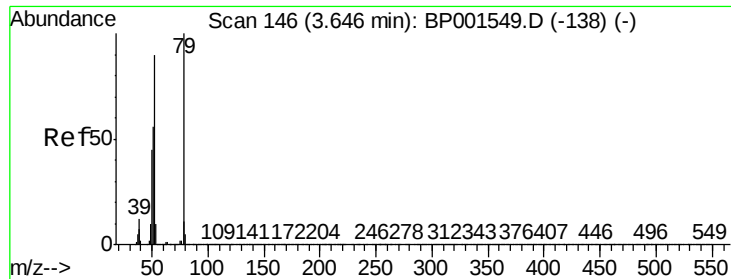


#2

1,4-Dioxane
Concen: 0.047 ng
RT: 3.25 min Scan# 79
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
58 539.1 69.5 104.3#
43 0.0 40.3 60.5#

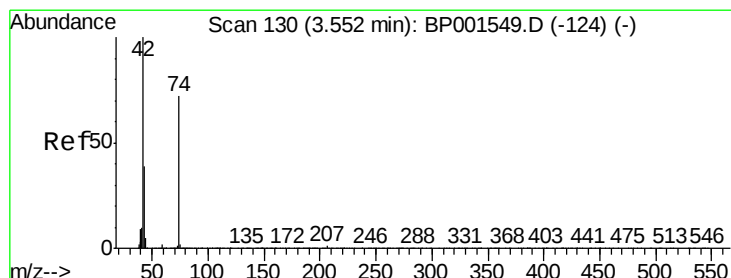
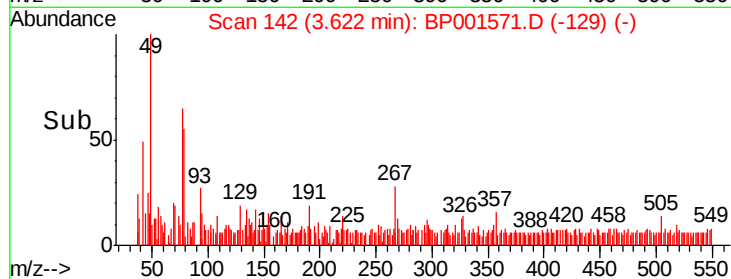
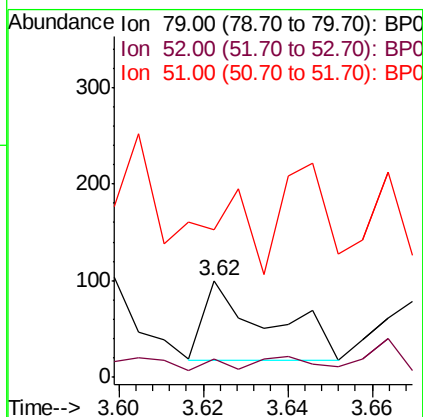
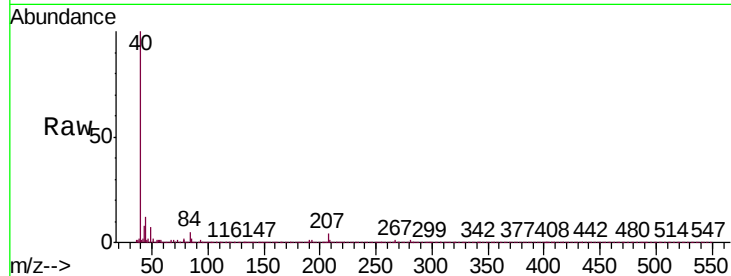




#3
 Pyridine
 Concen: 0.050 ng
 RT: 3.62 min Scan# 142
 Delta R.T. -0.02 min
 Lab File: BP001571.D
 Acq: 09 Jan 2020 01:54

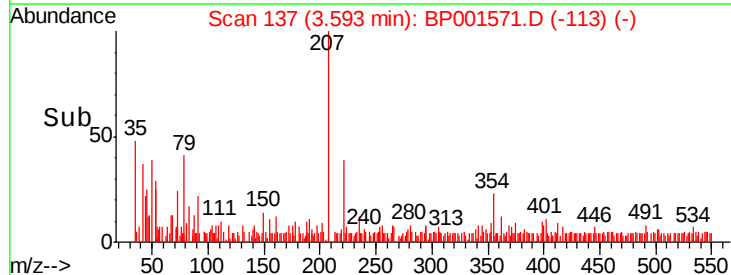
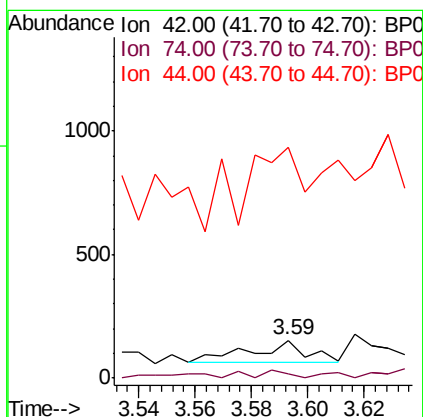
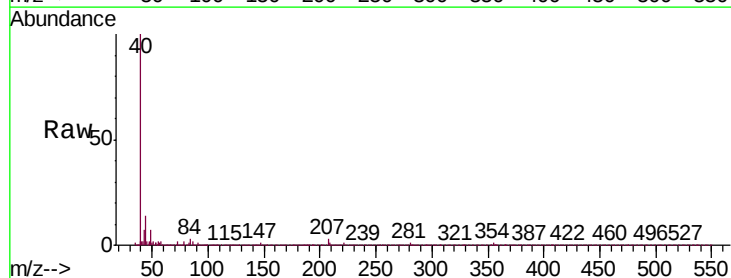
Instrument :
 BNA_P
 ClientSampleId :
 SB-3F-(8.5-10.5)

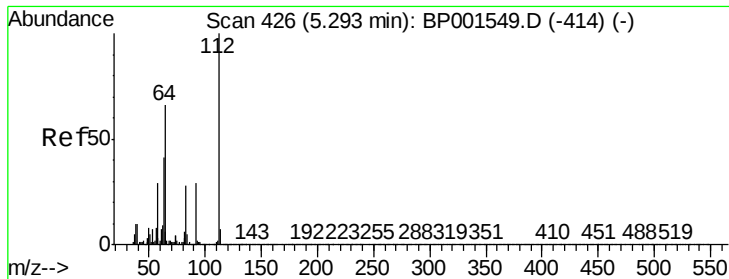
Tgt Ion: 79 Resp: 88
 Ion Ratio Lower Upper
 79 100
 52 17.9 72.1 108.1#
 51 144.3 44.8 67.2#



#4
 n-Nitrosodimethylamine
 Concen: 0.103 ng
 RT: 3.59 min Scan# 137
 Delta R.T. 0.04 min
 Lab File: BP001571.D
 Acq: 09 Jan 2020 01:54

Tgt Ion: 42 Resp: 128
 Ion Ratio Lower Upper
 42 100
 74 11.8 58.0 87.0#
 44 609.8 6.7 10.1#





#5

2-Fluorophenol

Concen: 147.715 ng

RT: 5.29 min Scan# 425

Delta R.T. -0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Instrument :

BNA_P

ClientSampleId :

SB-3F-(8.5-10.5)

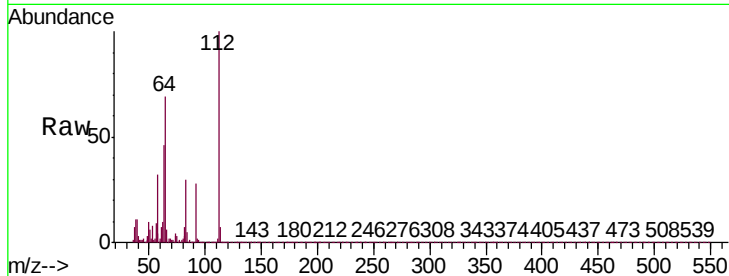
Tgt Ion: 112 Resp: 224193

Ion Ratio Lower Upper

112 100

64 68.6 52.8 79.2

63 46.2 33.1 49.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

200000

150000

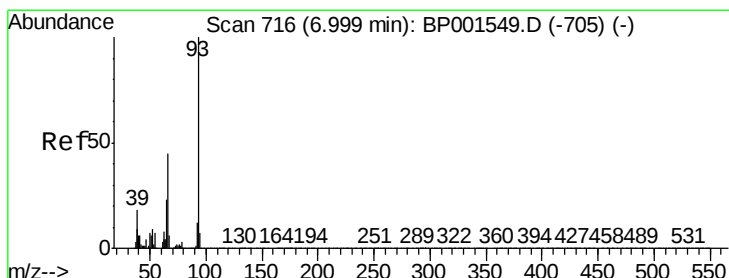
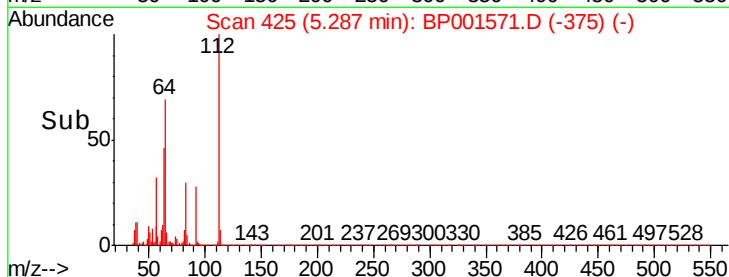
100000

50000

0

5.20 5.25 5.30 5.35 5.40

Time-->



#6

Aniline

Concen: 0.010 ng

RT: 6.98 min Scan# 712

Delta R.T. -0.02 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

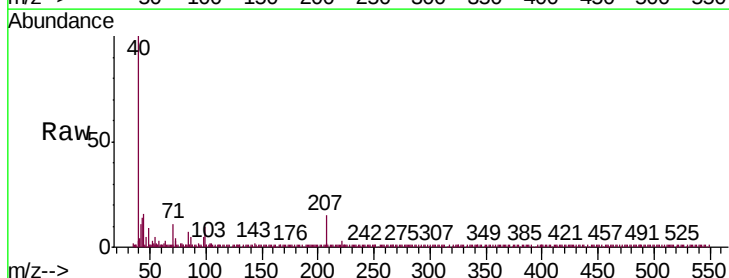
Tgt Ion: 93 Resp: 30

Ion Ratio Lower Upper

93 100

66 62.5 36.4 54.6#

65 0.0 18.5 27.7#



Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

60

50

40

30

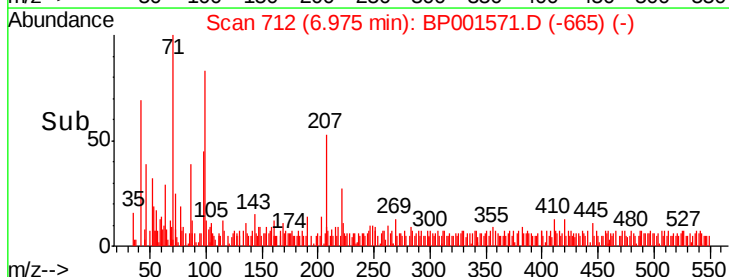
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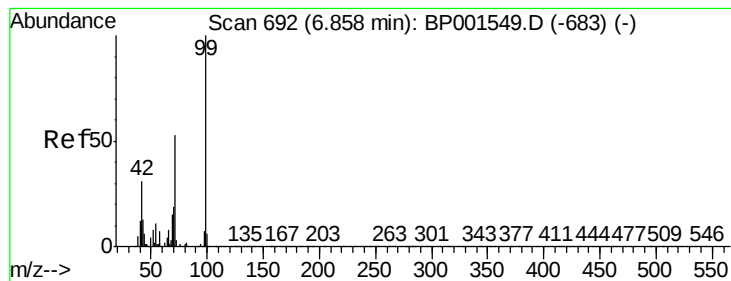
10

0

6.94 6.96 6.98 7.00

Time-->





#7

Phenol-d6

Concen: 145.180 ng

RT: 6.86 min Scan# 692

Delta R.T. 0.00 min

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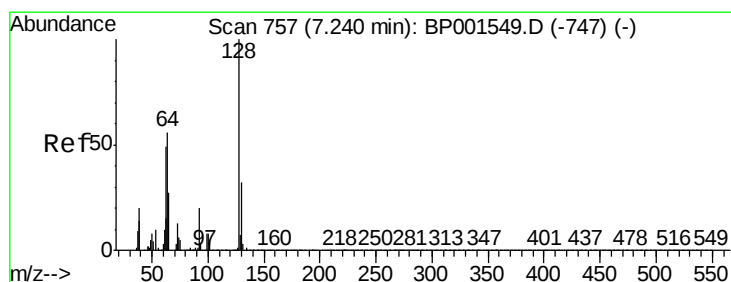
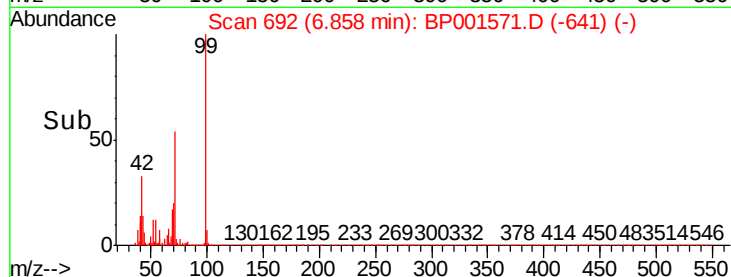
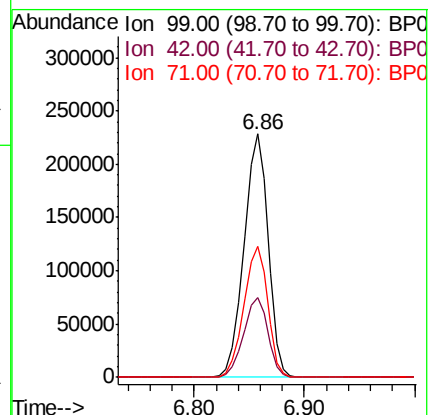
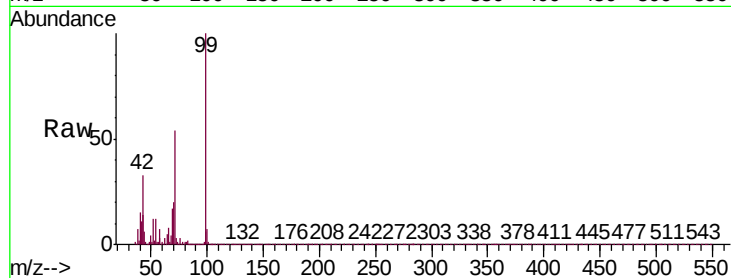
Tgt Ion: 99 Resp: 352154

Ion Ratio Lower Upper

99 100

42 32.9 24.5 36.7

71 53.7 42.4 63.6



#8

2-Chlorophenol

Concen: 0.009 ng

RT: 7.48 min Scan# 798

Delta R.T. 0.24 min

Lab File: BP001571.D

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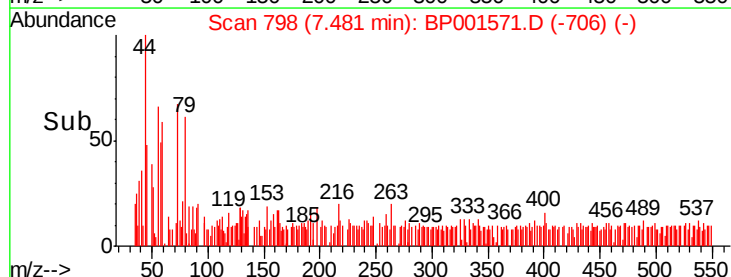
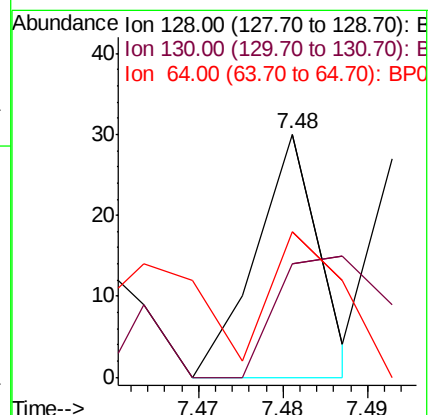
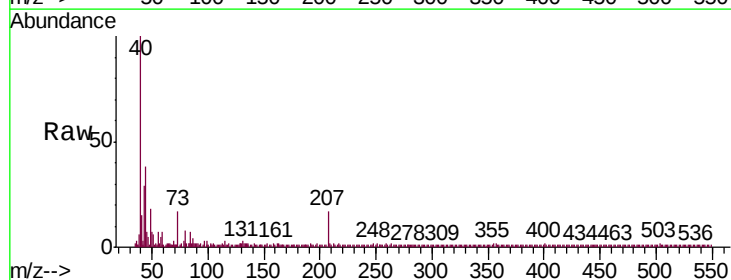
Tgt Ion:128 Resp: 16

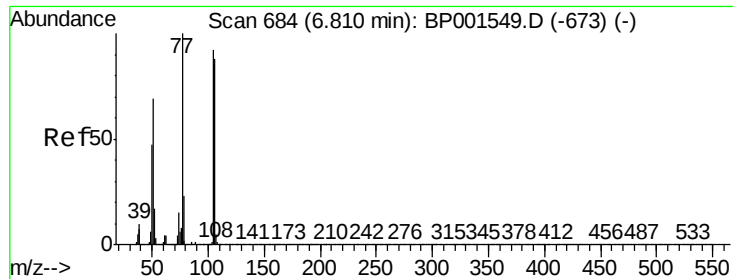
Ion Ratio Lower Upper

128 100

130 46.7 11.8 51.8

64 60.0 37.2 77.2





#9

Benzaldehyde

Concen: 0.026 ng

RT: 6.80 min Scan# 682

Delta R.T. -0.01 min

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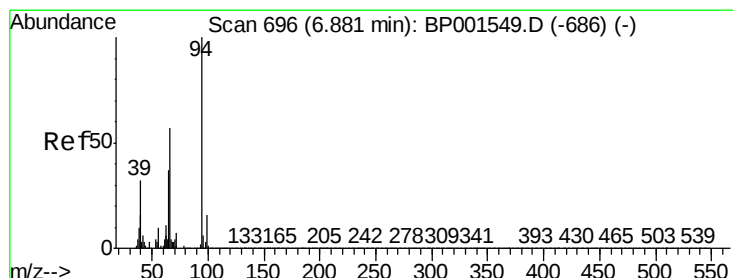
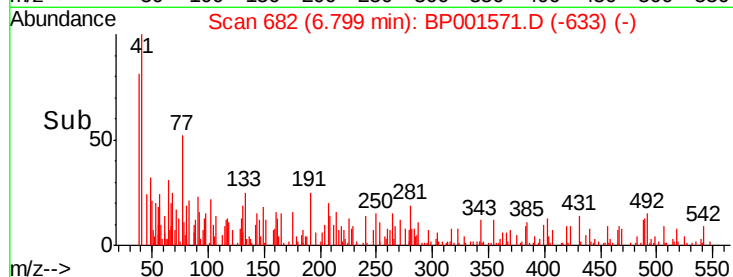
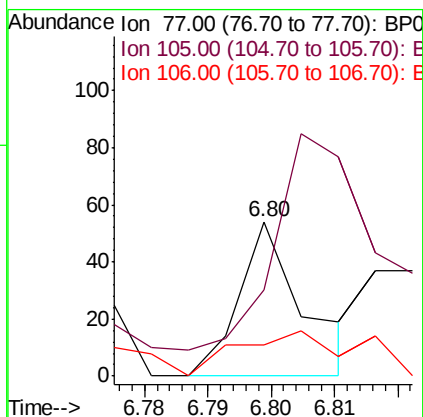
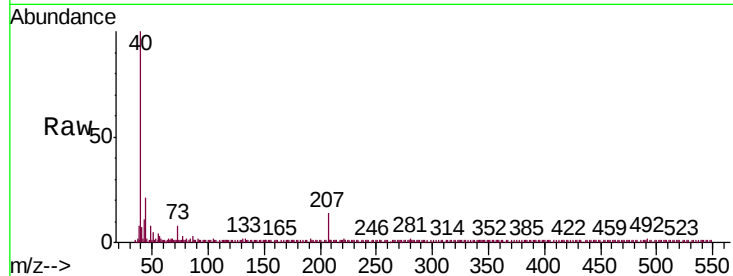
Tgt Ion: 77 Resp: 38

Ion Ratio Lower Upper

77 100

105 55.6 71.6 111.6#

106 20.4 67.7 107.7#



#10

Phenol

Concen: 3.228 ng

RT: 6.88 min Scan# 696

Delta R.T. 0.00 min

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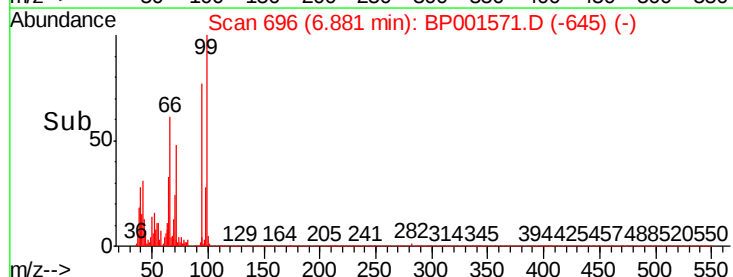
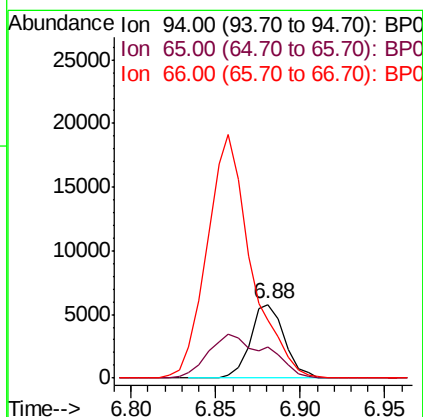
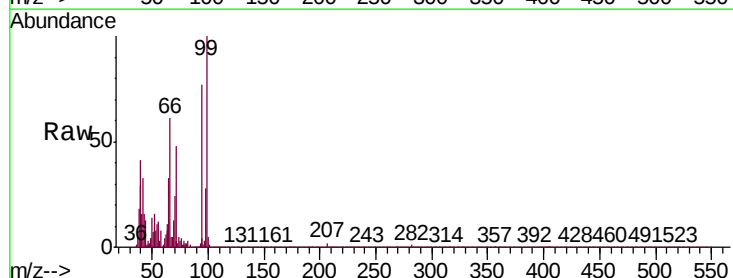
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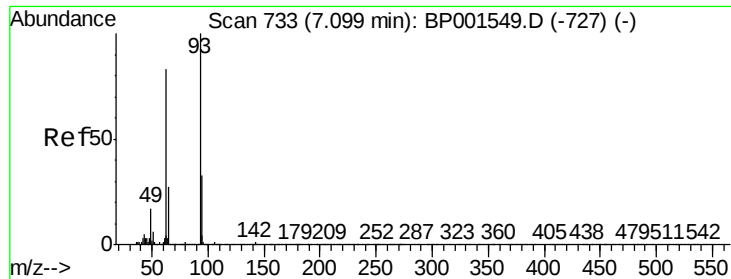
Ion Ratio Lower Upper

94 100

65 42.5 17.5 57.5

66 79.2 36.7 76.7#

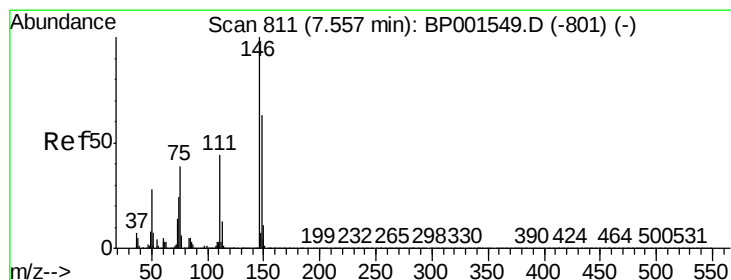
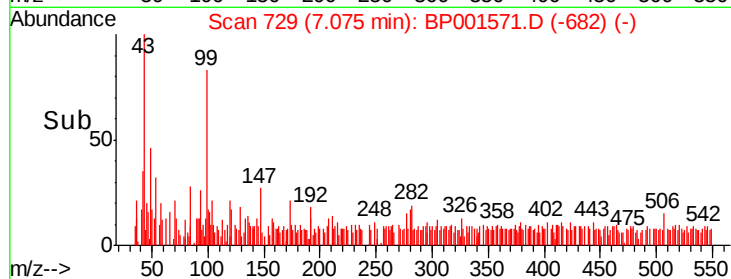
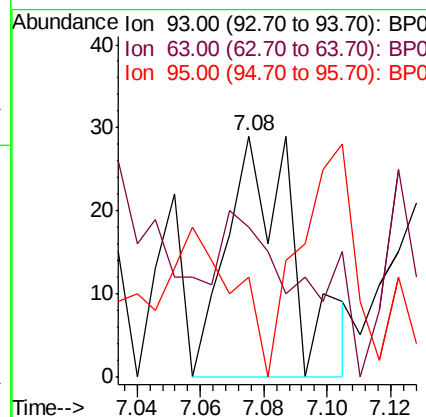
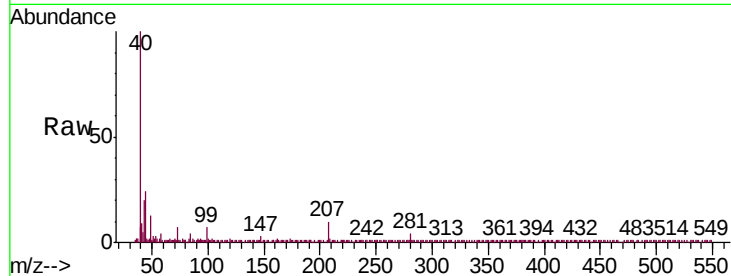




#11
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.08 min Scan# 729
Delta R.T. -0.02 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

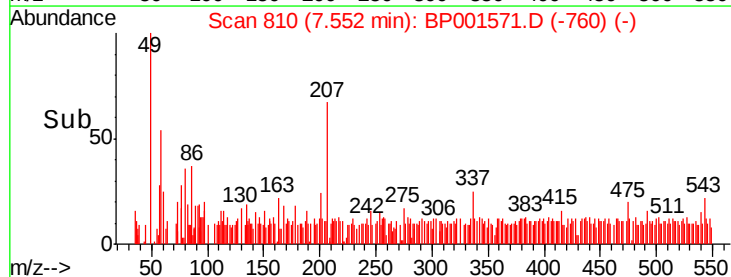
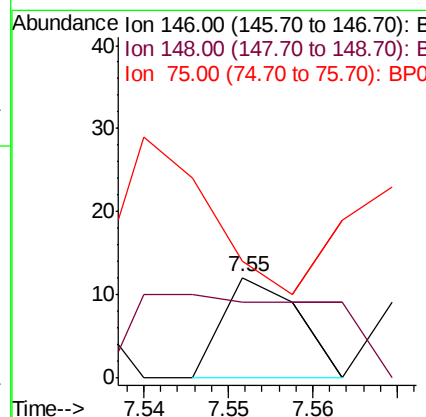
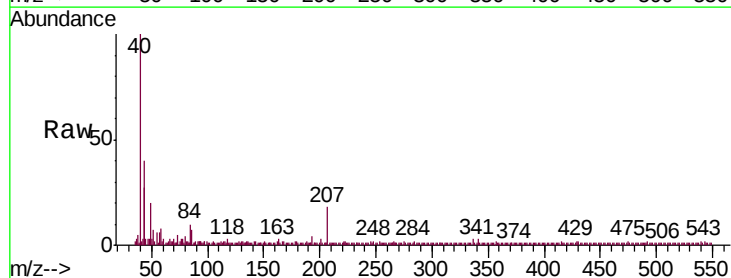
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

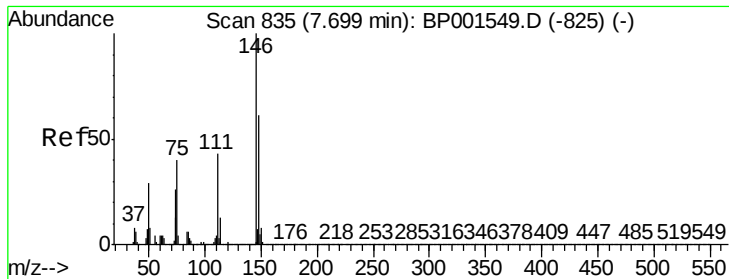
Tgt Ion	Ratio	Lower	Upper
93	100		
63	62.1	63.2	103.2#
95	79.3	12.6	52.6#



#12
1,3-Dichlorobenzene
Concen: 0.003 ng
RT: 7.55 min Scan# 810
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	75.0	50.2	75.2
75	116.7	31.1	46.7#

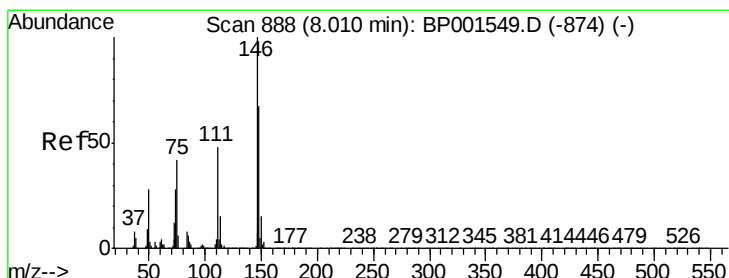
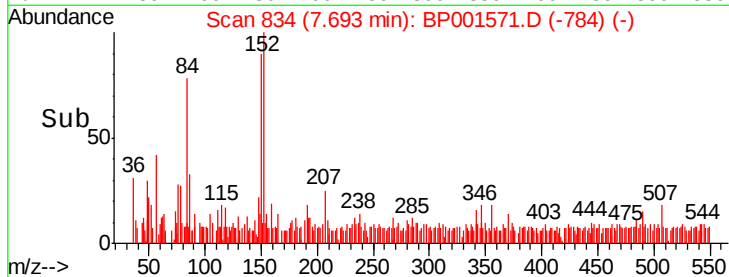
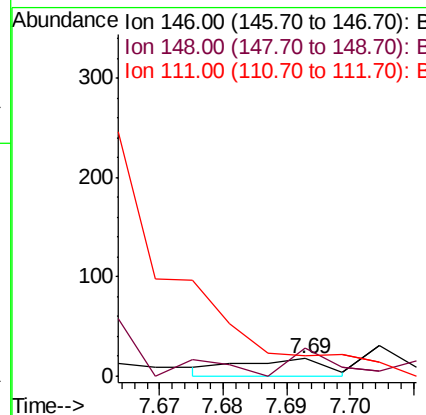
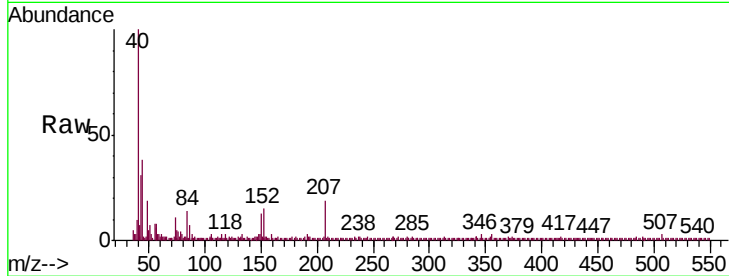




#13
 1,4-Dichlorobenzene
 Concen: 0.007 ng
 RT: 7.69 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BP001571.D
 Acq: 09 Jan 2020 01:54

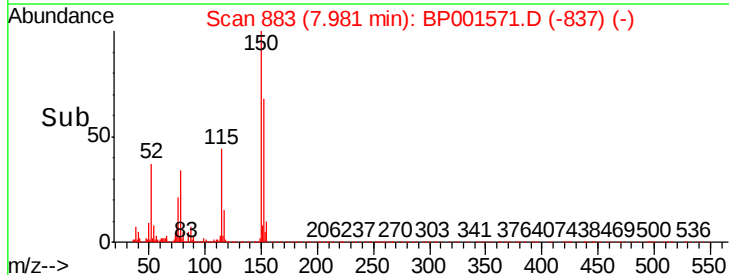
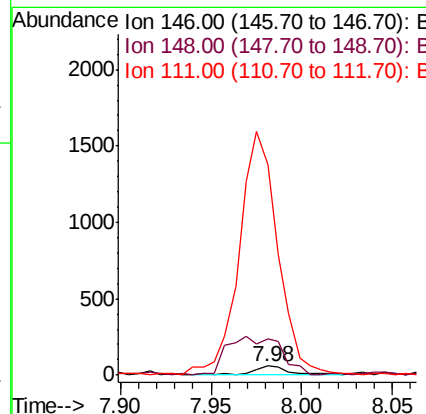
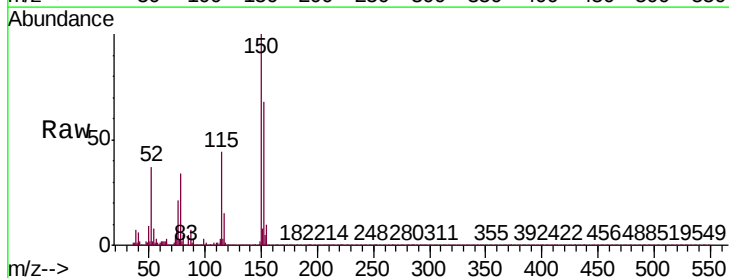
Instrument :
 BNA_P
 ClientSampleId :
 SB-3F-(8.5-10.5)

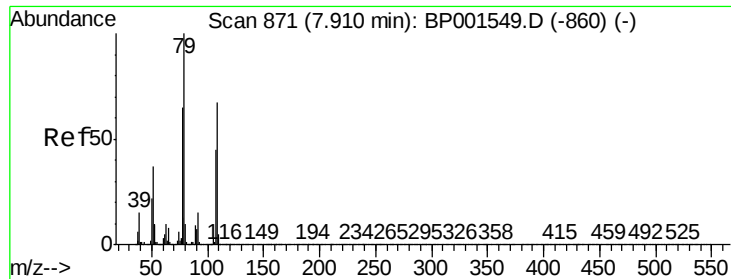
Tgt Ion:146 Resp: 16
 Ion Ratio Lower Upper
 146 100
 148 164.7 48.6 73.0#
 111 117.6 34.3 51.5#



#14
 1,2-Dichlorobenzene
 Concen: 0.040 ng
 RT: 7.98 min Scan# 883
 Delta R.T. -0.03 min
 Lab File: BP001571.D
 Acq: 09 Jan 2020 01:54

Tgt Ion:146 Resp: 89
 Ion Ratio Lower Upper
 146 100
 148 412.1 53.9 80.9#
 111 2379.3 38.2 57.4#





#15

Benzyl Alcohol

Concen: 2.209 ng

RT: 7.97 min Scan# 881

Delta R.T. 0.06 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Instrument :

BNA_P

ClientSampleId :

SB-3F-(8.5-10.5)

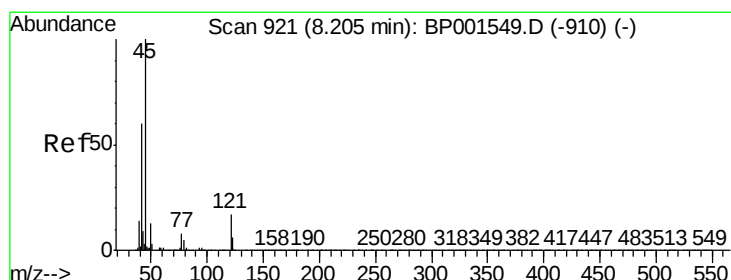
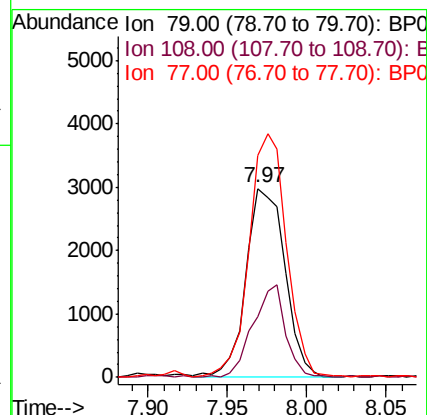
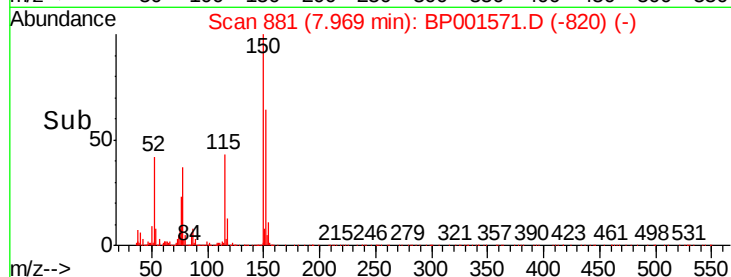
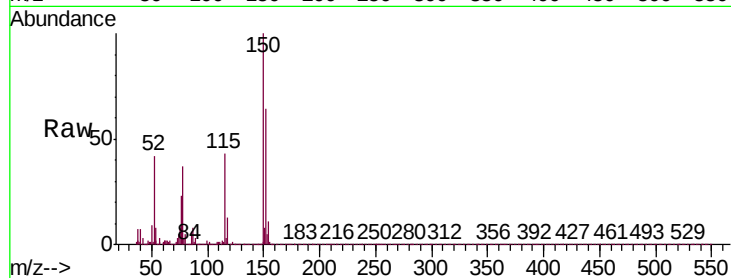
Tgt Ion: 79 Resp: 5045

Ion Ratio Lower Upper

79 100

108 32.3 53.2 79.8#

77 117.1 52.1 78.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.014 ng

RT: 8.39 min Scan# 953

Delta R.T. 0.19 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

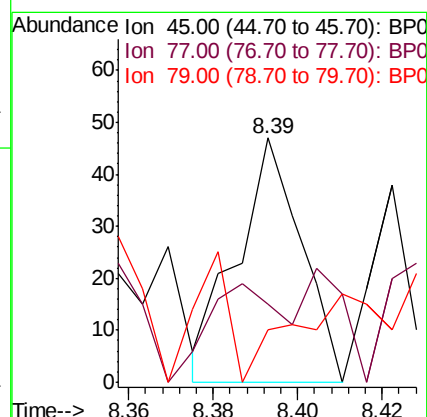
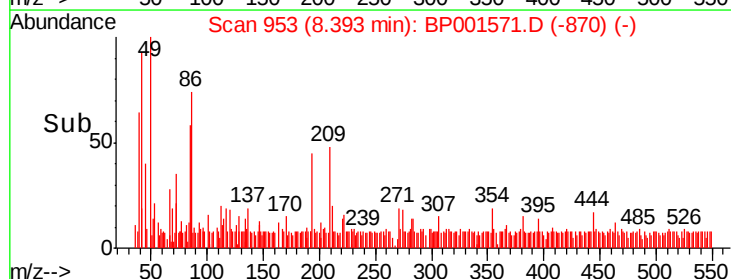
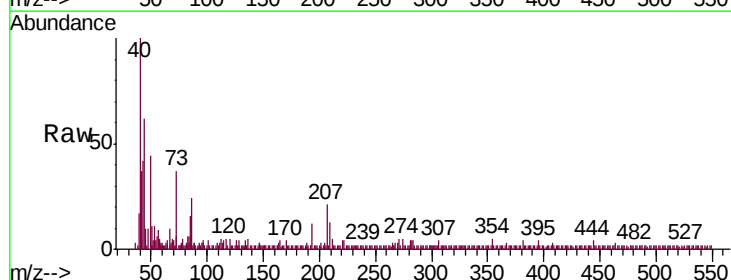
Tgt Ion: 45 Resp: 50

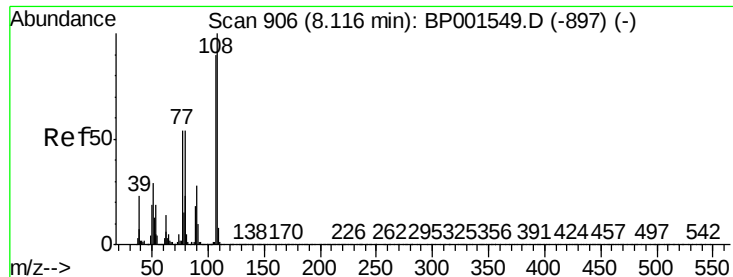
Ion Ratio Lower Upper

45 100

77 31.9 0.0 32.6

79 21.3 0.0 29.3

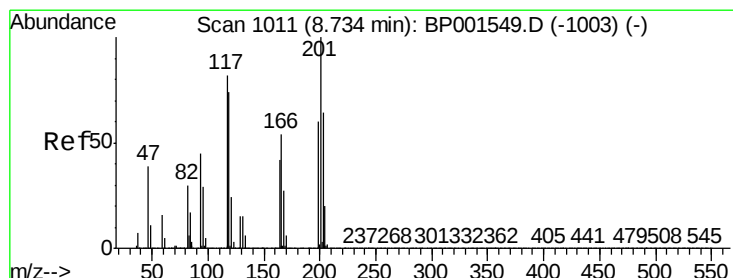
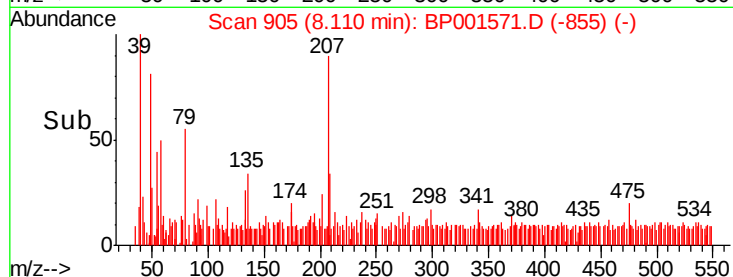
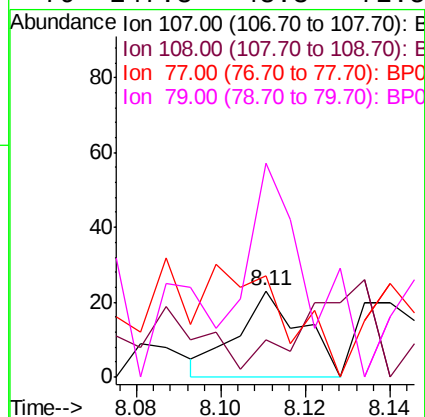
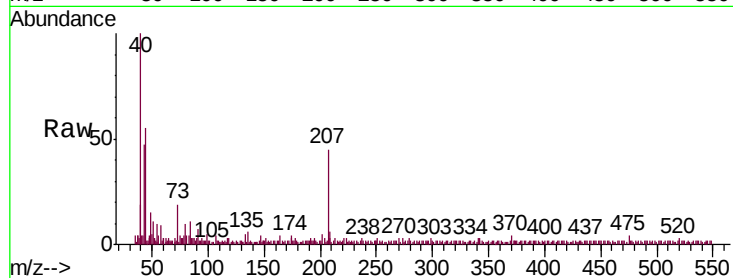




#17
2-Methylphenol
Concen: 0.014 ng
RT: 8.11 min Scan# 905
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

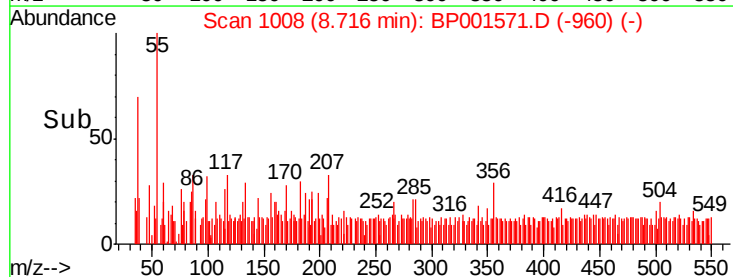
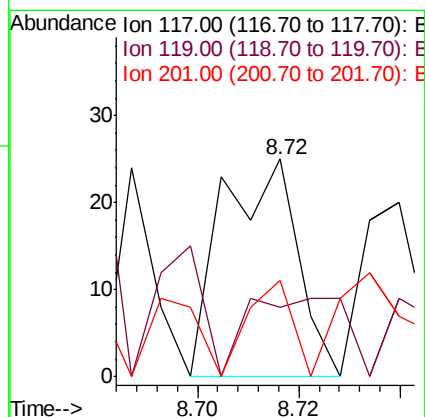
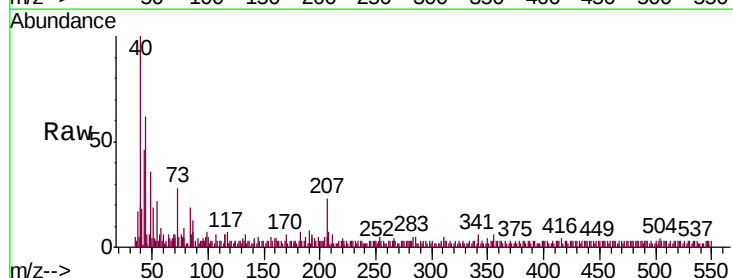
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

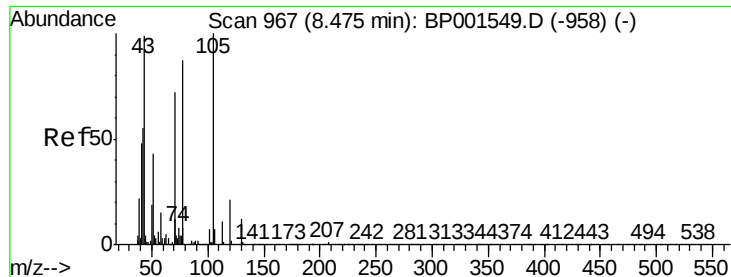
Tgt Ion:	107	Resp:	24
Ion	Ratio	Lower	Upper
107	100		
108	43.5	89.2	133.8#
77	117.4	47.9	71.9#
79	247.8	48.3	72.5#



#18
Hexachloroethane
Concen: 0.029 ng
RT: 8.72 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion:	117	Resp:	26
Ion	Ratio	Lower	Upper
117	100		
119	76.0	71.8	107.8
201	44.0	97.6	146.4#

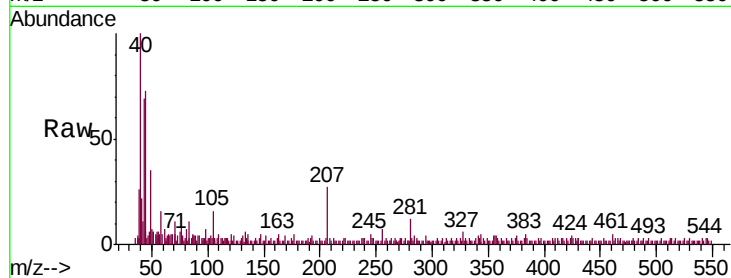




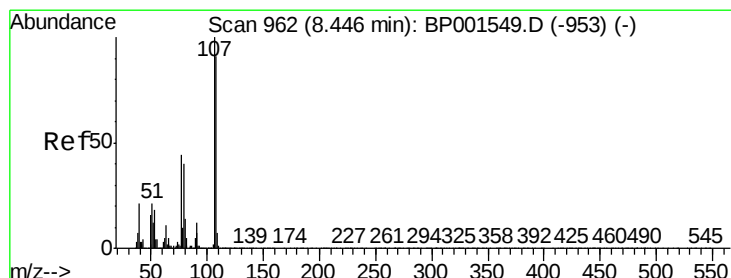
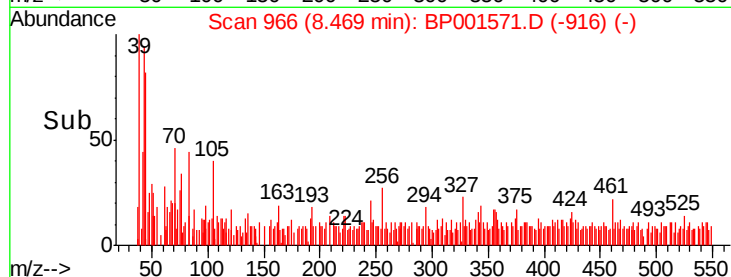
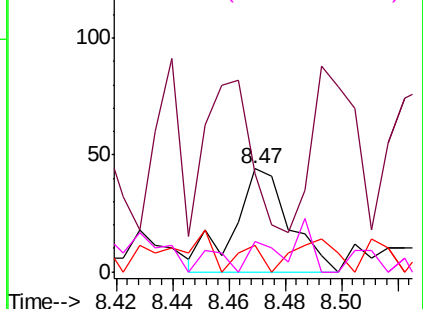
#19
n-Nitroso-di-n-propylamine
Concen: 0.033 ng
RT: 8.47 min Scan# 966
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

Tgt Ion:	70	Resp:	61
Ion	Ratio	Lower	Upper
70	100		
42	95.5	62.3	93.5#
101	25.0	7.3	10.9#
130	29.5	13.9	20.9#

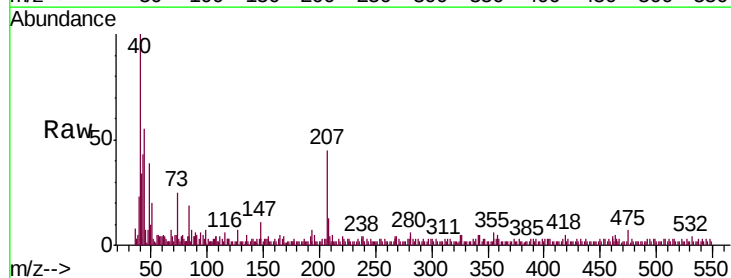


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

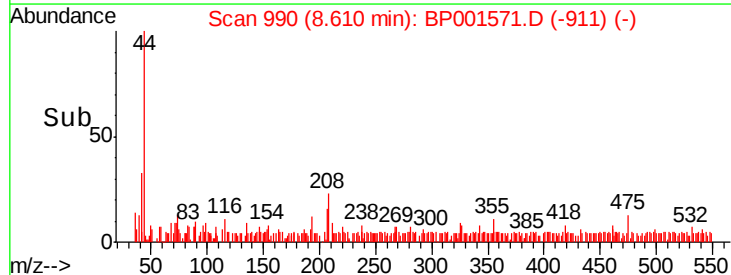
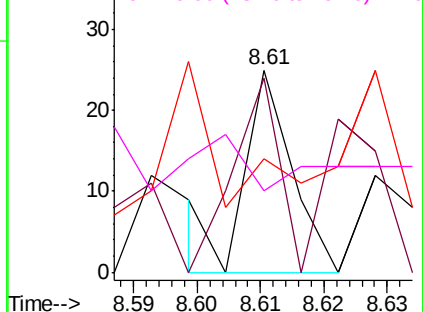


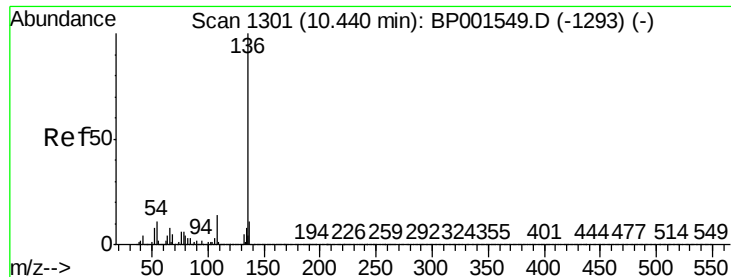
#20
3+4-Methylphenols
Concen: 0.005 ng
RT: 8.61 min Scan# 990
Delta R.T. 0.16 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion:	107	Resp:	12
Ion	Ratio	Lower	Upper
107	100		
108	96.0	71.2	111.2
77	56.0	24.4	64.4
79	40.0	19.5	59.5



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): BP0
Ion 79.00 (78.70 to 79.70): BP0

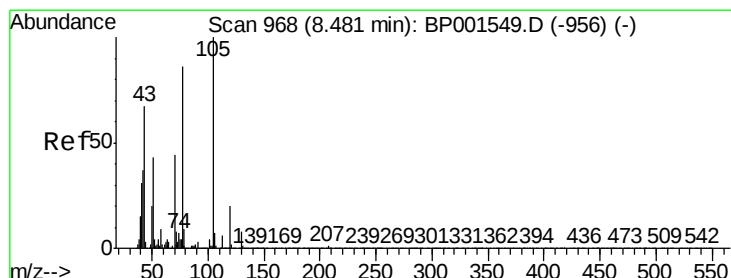
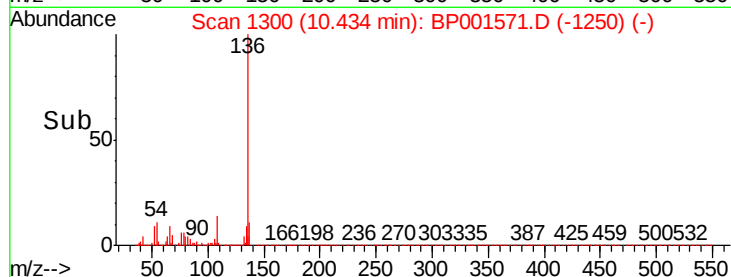
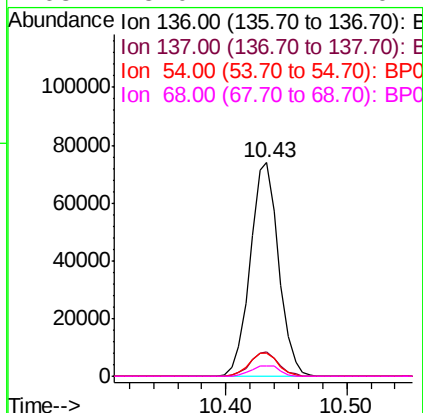
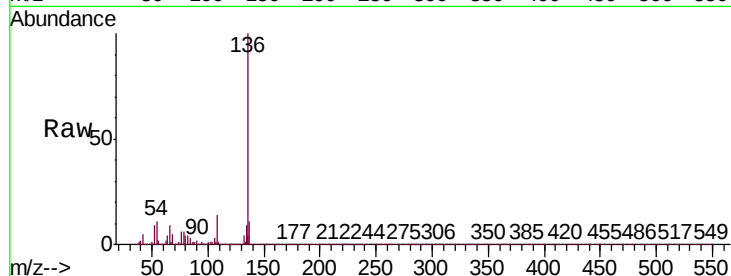




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

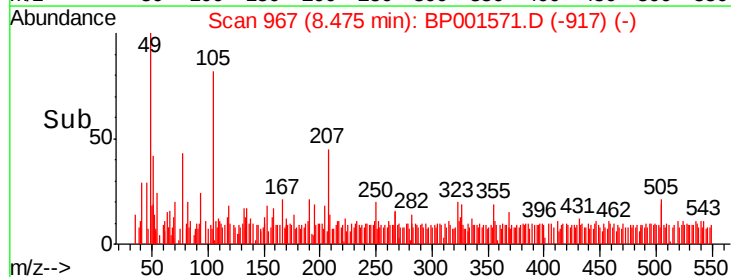
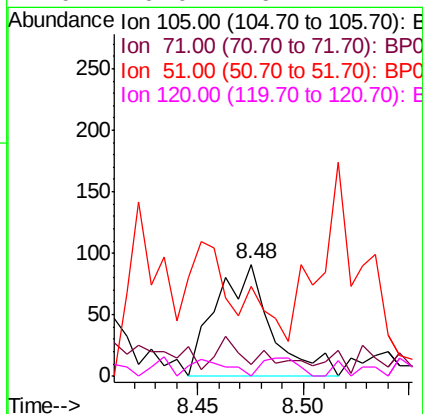
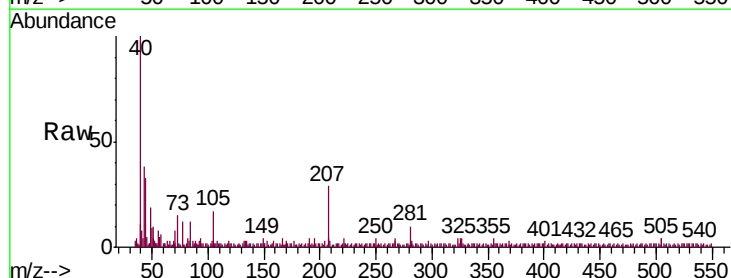
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

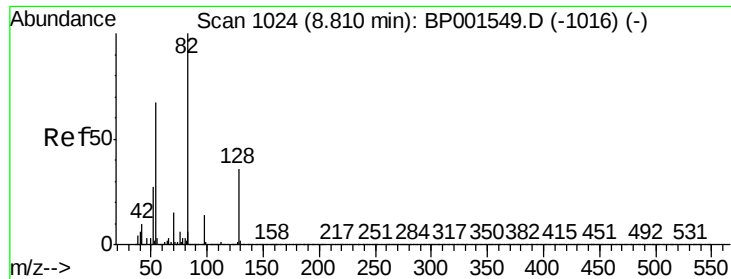
Tgt Ion:	136	Resp:	121076
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	10.7	9.2	13.8
68	5.0	4.1	6.1



#22
Acetophenone
Concen: 0.049 ng
RT: 8.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion:	105	Resp:	166
Ion	Ratio	Lower	Upper
105	100		
71	11.0	6.6	10.0#
51	80.2	34.1	51.1#
120	0.0	16.1	24.1#

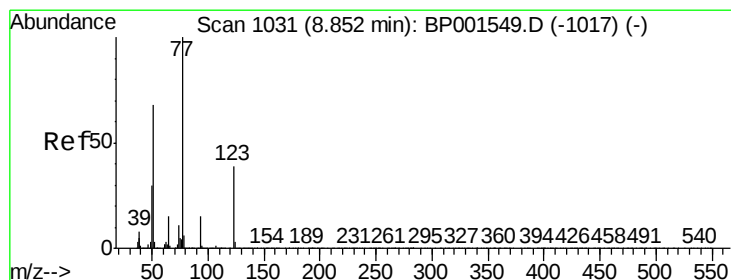
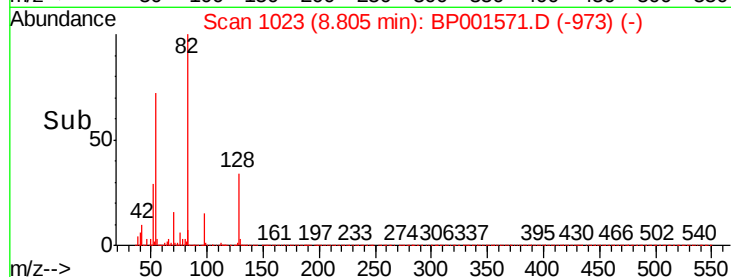
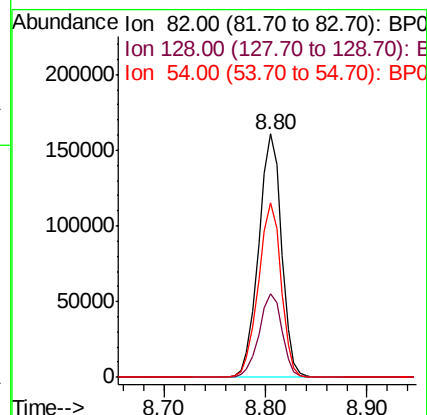
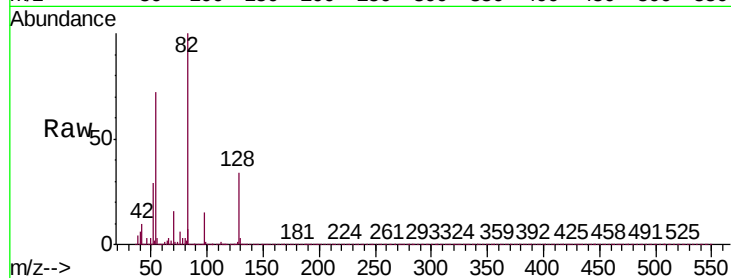




#23
Nitrobenzene-d5
Concen: 91.281 ng
RT: 8.80 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

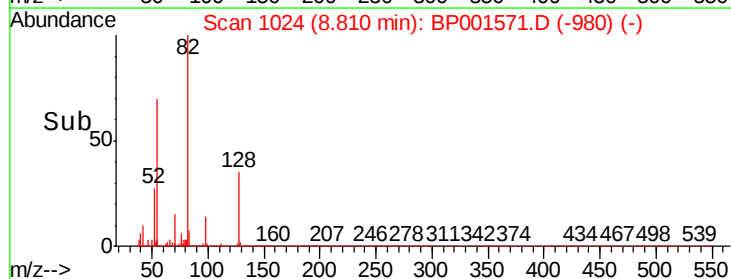
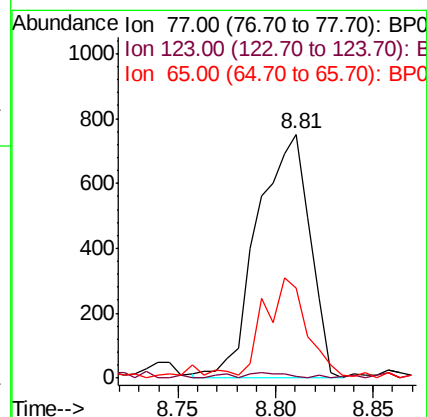
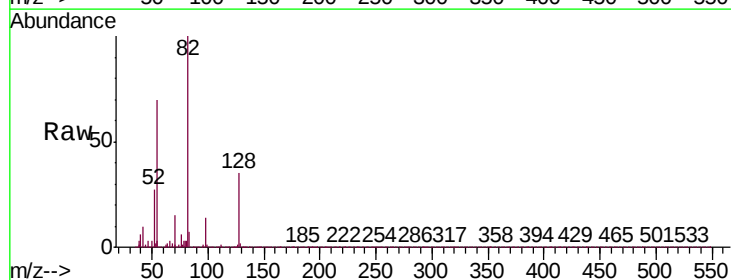
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

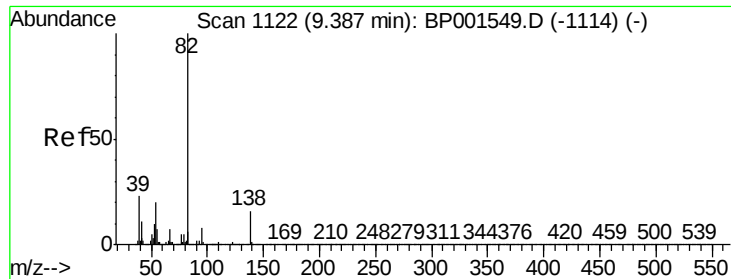
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.5	28.4	42.6
54	71.9	53.4	80.2



#24
Nitrobenzene
Concen: 0.498 ng
RT: 8.81 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.7	31.1	46.7#
65	37.0	12.4	18.6#

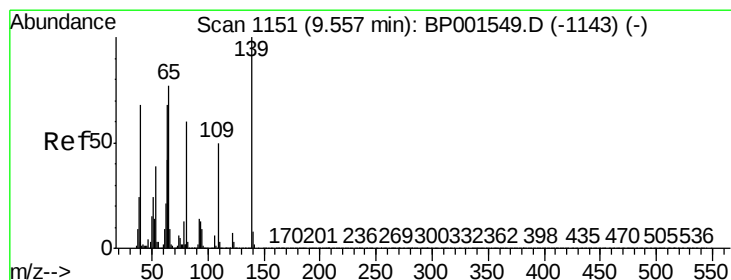
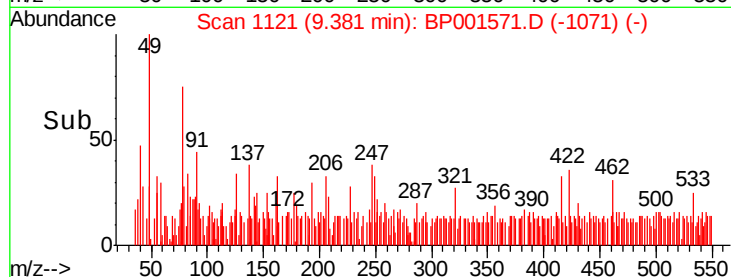
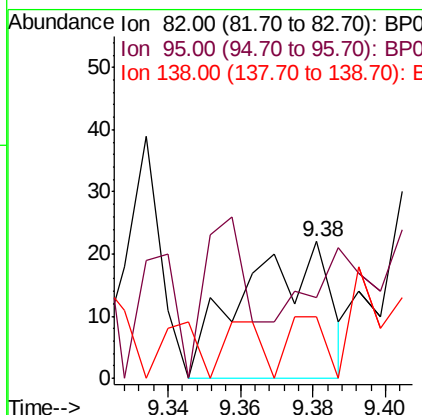
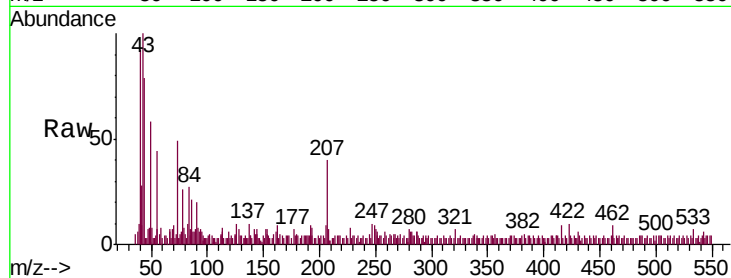




#25
Isophorone
Concen: 0.007 ng
RT: 9.38 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

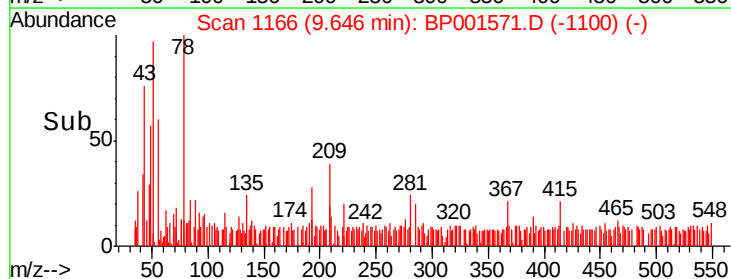
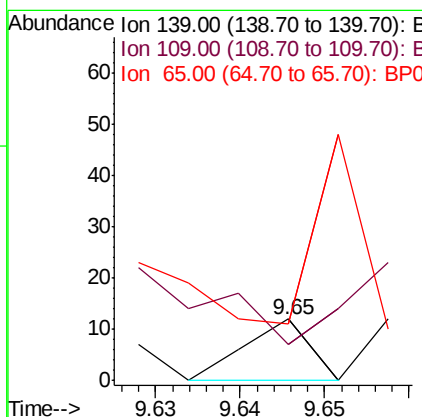
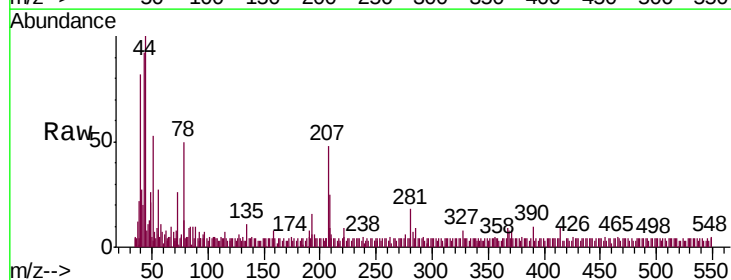
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

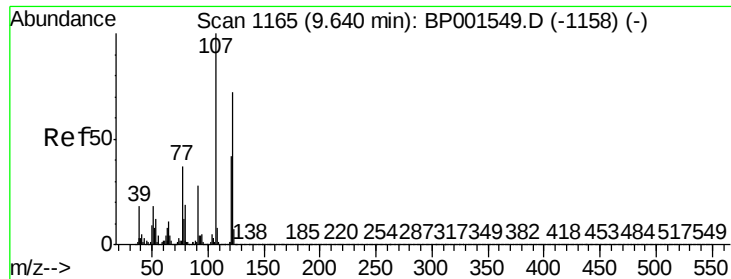
Tgt Ion: 82 Resp: 36
Ion Ratio Lower Upper
82 100
95 59.1 6.7 10.1#
138 86.4 12.5 18.7#



#26
2-Nitrophenol
Concen: 0.006 ng
RT: 9.65 min Scan# 1166
Delta R.T. 0.09 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion: 139 Resp: 6
Ion Ratio Lower Upper
139 100
109 58.3 39.6 59.4
65 91.7 61.3 91.9

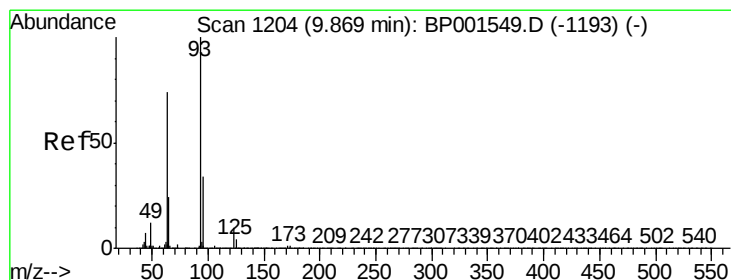
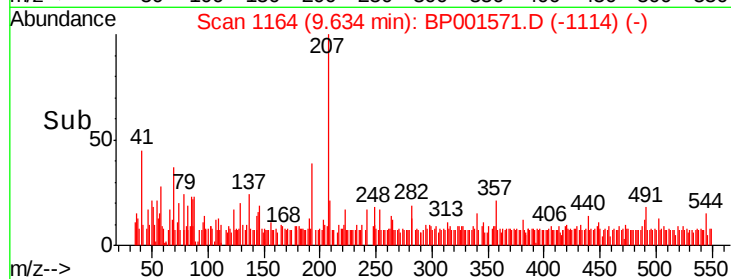
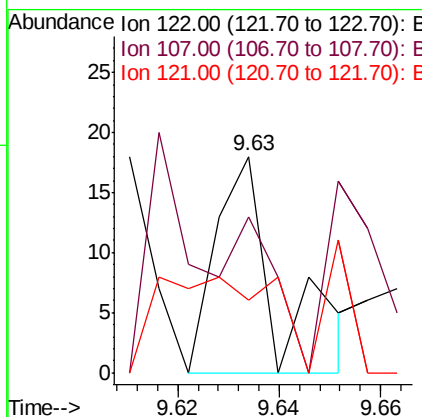
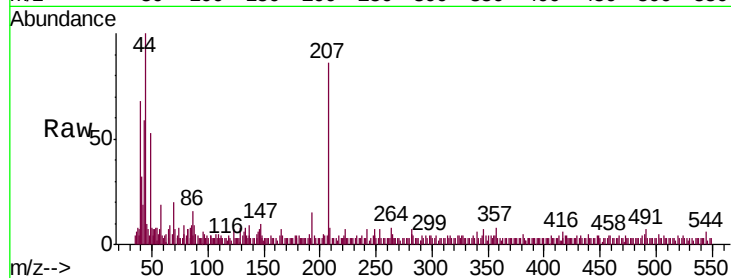




#27
2,4-Dimethylphenol
Concen: 0.010 ng
RT: 9.63 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

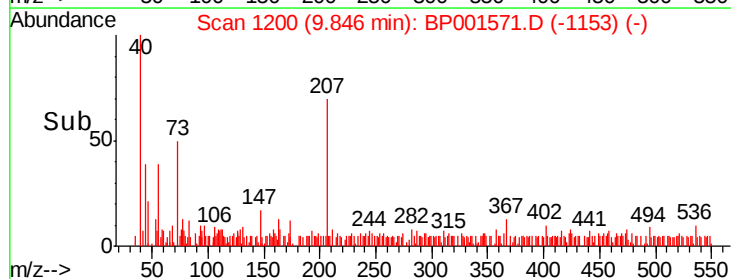
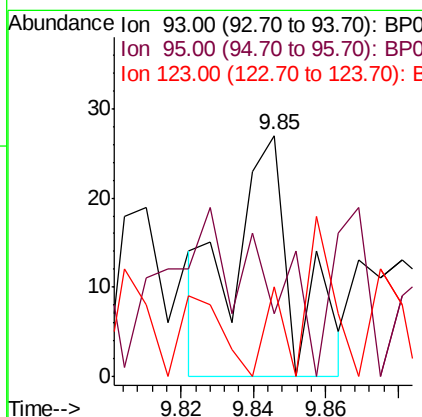
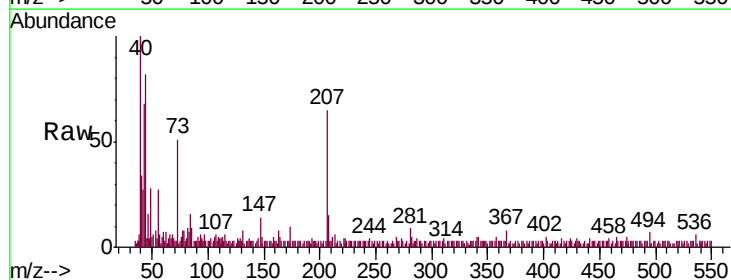
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

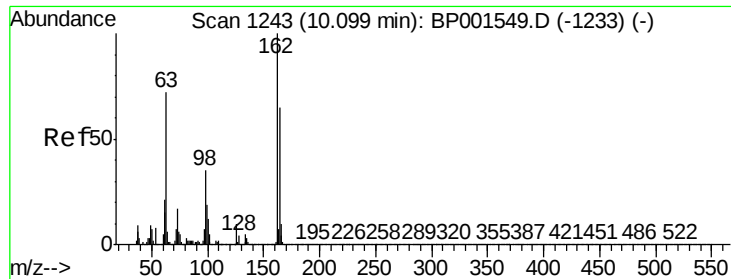
Tgt Ion	Ratio	Lower	Upper
122	100		
107	72.2	111.8	167.6#
121	33.3	47.4	71.0#



#28
bis(2-Chloroethoxy)methane
Concen: 0.011 ng
RT: 9.85 min Scan# 1200
Delta R.T. -0.02 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	25.9	26.9	40.3#
123	37.0	8.0	12.0#

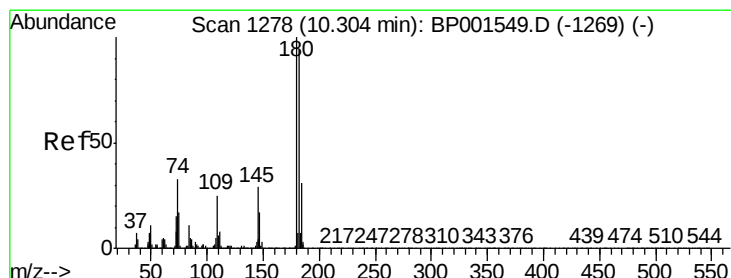
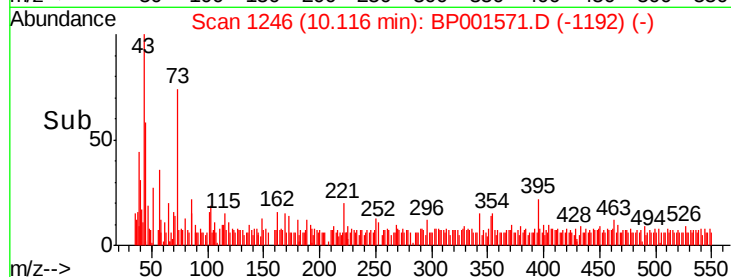
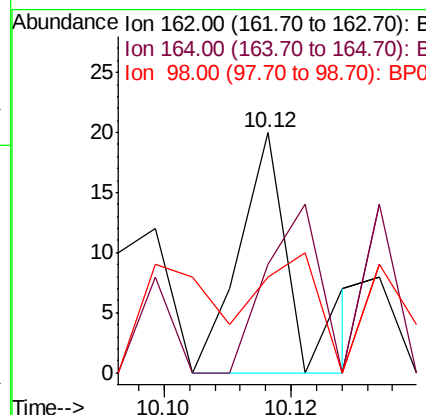
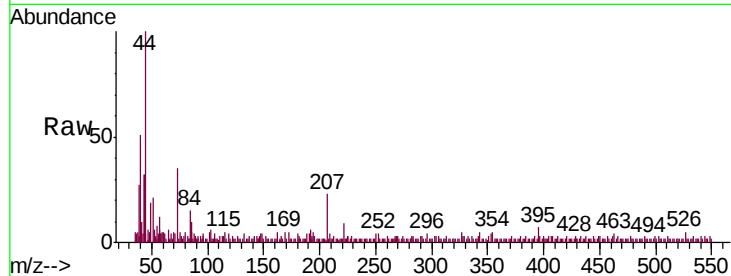




#29
2,4-Dichlorophenol
Concen: 0.006 ng
RT: 10.12 min Scan# 1246
Delta R.T. 0.02 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

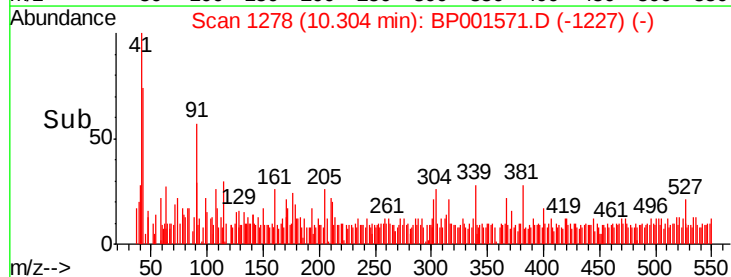
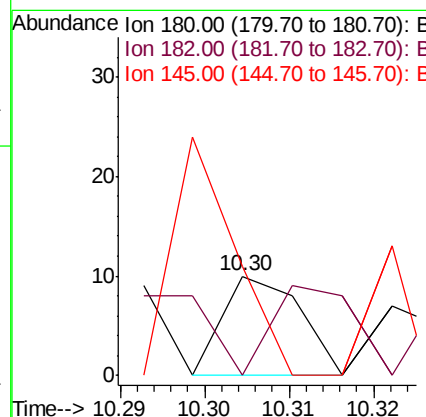
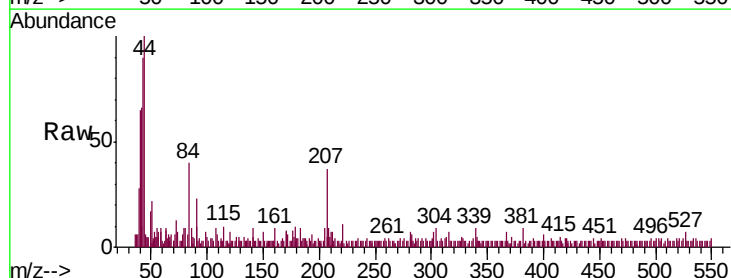
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

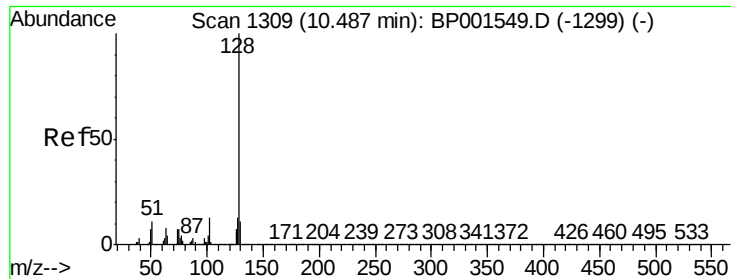
Tgt Ion:	162	Resp:	12
Ion	Ratio	Lower	Upper
162	100		
164	55.0	44.9	84.9
98	40.0	14.9	54.9



#30
1,2,4-Trichlorobenzene
Concen: 0.002 ng
RT: 10.30 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion:	180	Resp:	6
Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.2	112.8#
145	110.0	22.9	34.3#

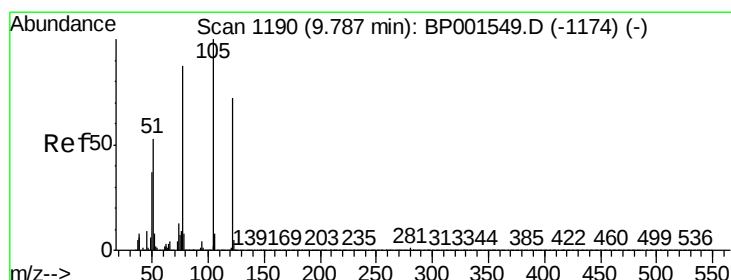
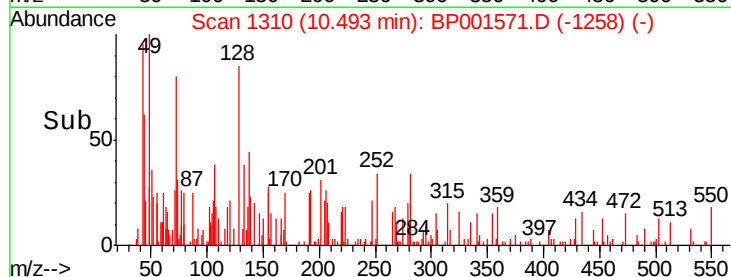
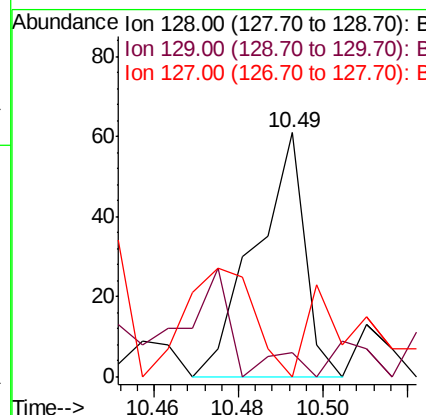
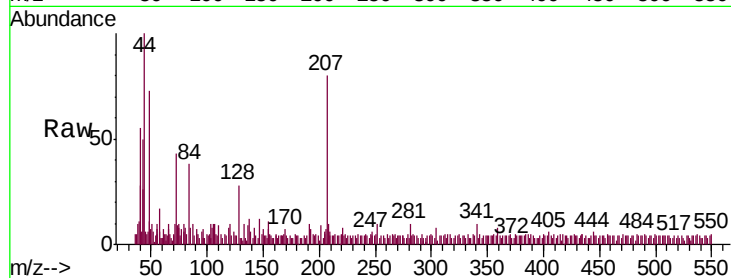




#31
Naphthalene
Concen: 0.008 ng
RT: 10.49 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

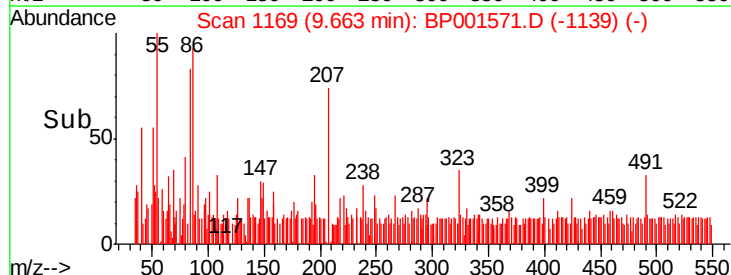
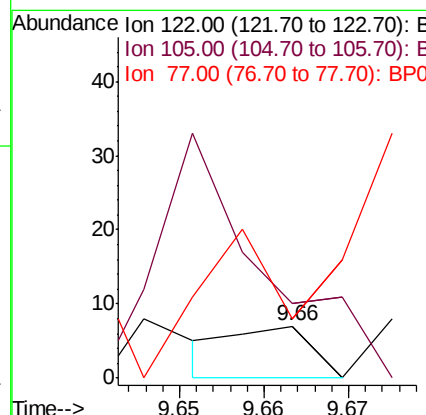
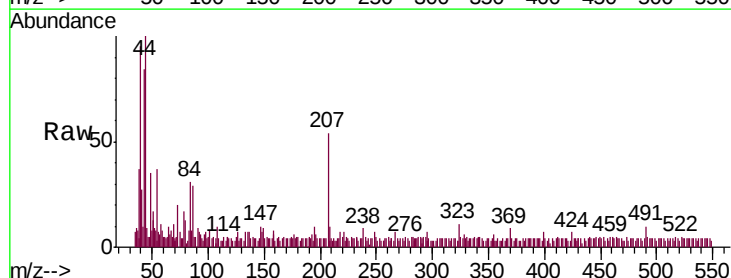
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

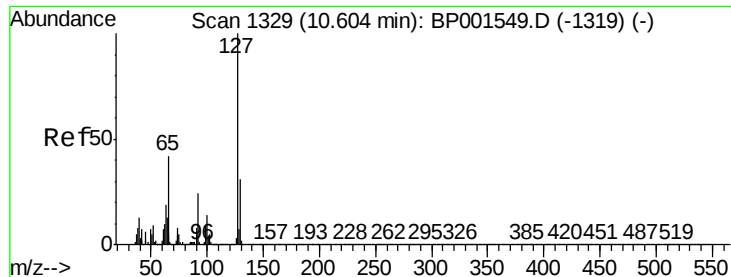
Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.9	13.3
127	0.0	10.6	16.0#



#32
Benzoic acid
Concen: 4.706 ng
RT: 9.66 min Scan# 1169
Delta R.T. -0.12 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.9	119.5	159.5
77	114.3	102.8	142.8





#33

4-Chloroaniline

Concen: 0.006 ng

RT: 10.60 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

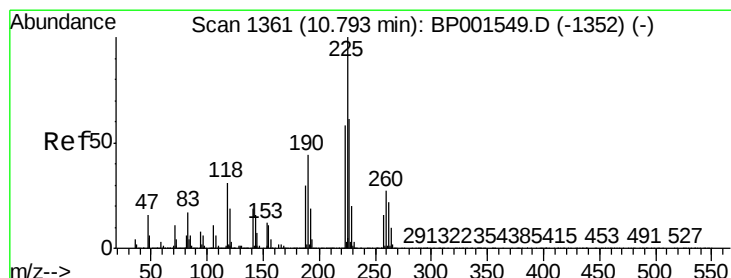
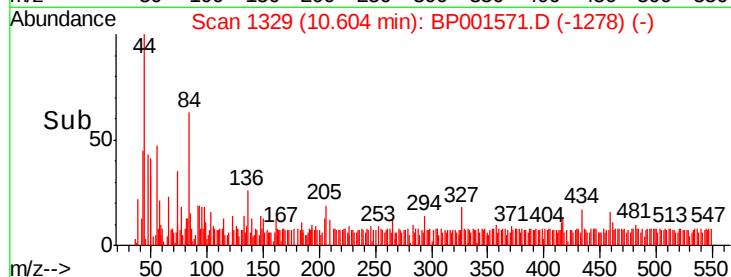
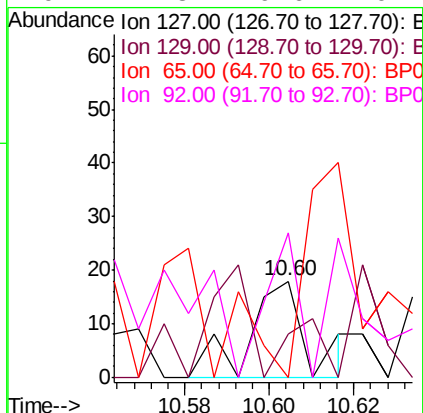
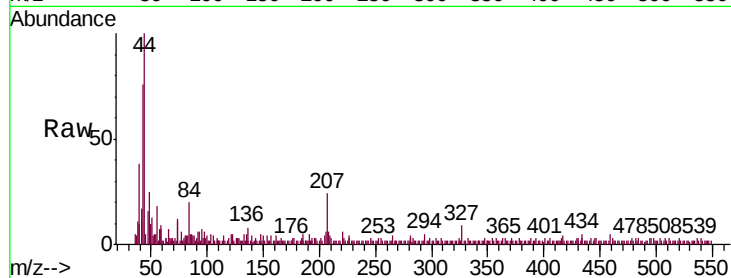
Instrument :

BNA_P

ClientSampleId :

SB-3F-(8.5-10.5)

Tgt Ion:	127	Resp:	17
Ion	Ratio	Lower	Upper
127	100		
129	44.4	24.9	37.3#
65	0.0	33.3	49.9#
92	277.8	19.6	29.4#



#34

Hexachlorobutadiene

Concen: 0.009 ng

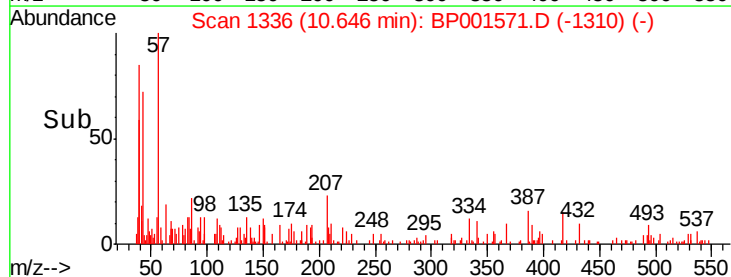
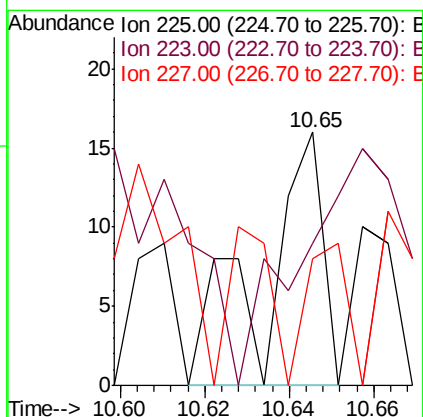
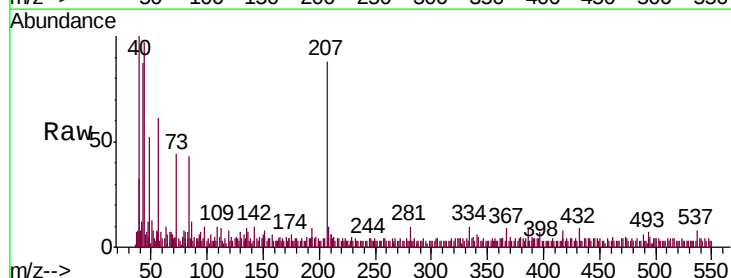
RT: 10.65 min Scan# 1336

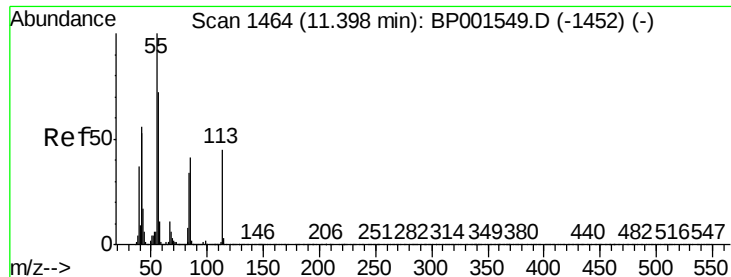
Delta R.T. -0.15 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Tgt Ion:	225	Resp:	16
Ion	Ratio	Lower	Upper
225	100		
223	56.3	46.5	69.7
227	50.0	48.8	73.2





#35

Caprolactam

Concen: 0.009 ng

RT: 11.39 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Instrument :

BNA_P

ClientSampleId :

SB-3F-(8.5-10.5)

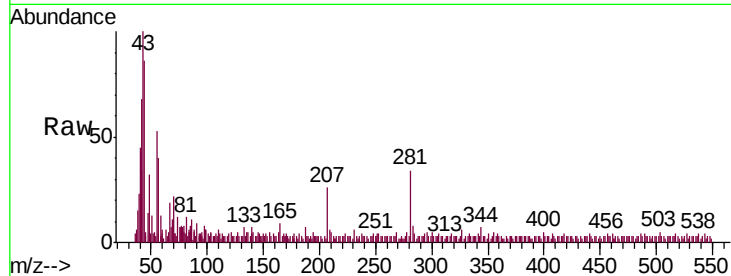
Tgt Ion:113 Resp: 7

Ion Ratio Lower Upper

113 100

55 1366.7 202.7 242.7#

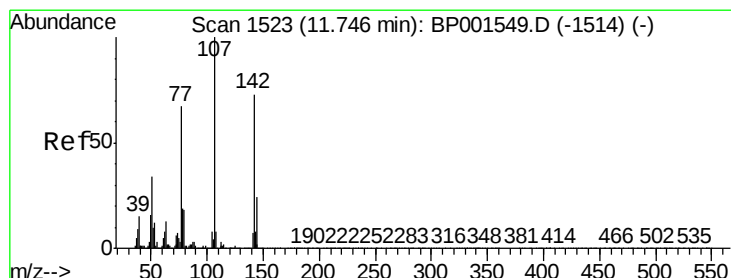
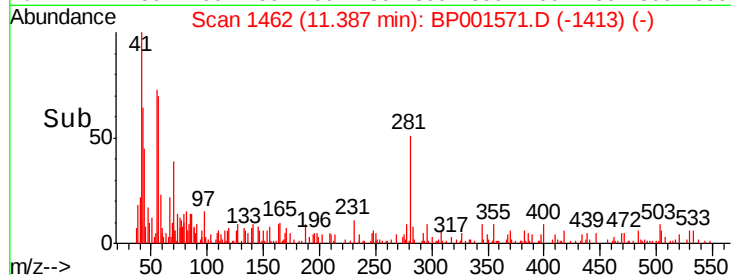
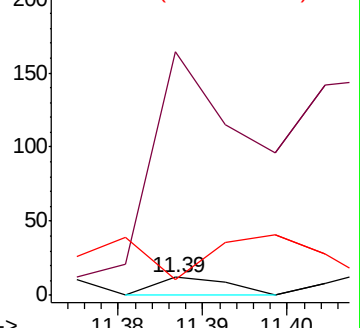
56 91.7 140.0 180.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 0.008 ng

RT: 11.75 min Scan# 1524

Delta R.T. 0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

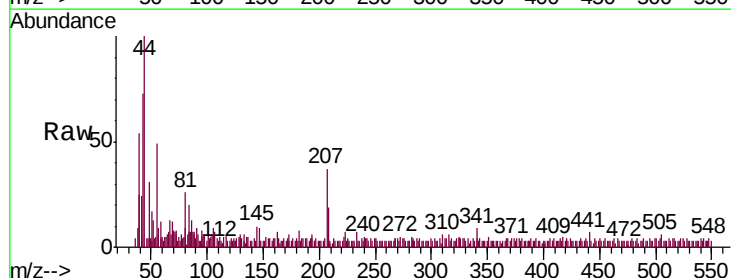
Tgt Ion:107 Resp: 20

Ion Ratio Lower Upper

107 100

144 0.0 18.9 28.3#

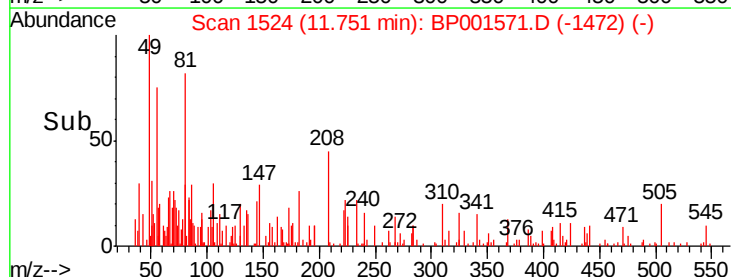
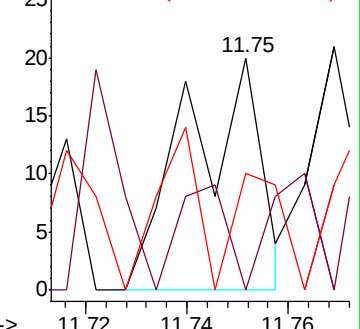
142 50.0 58.0 87.0#

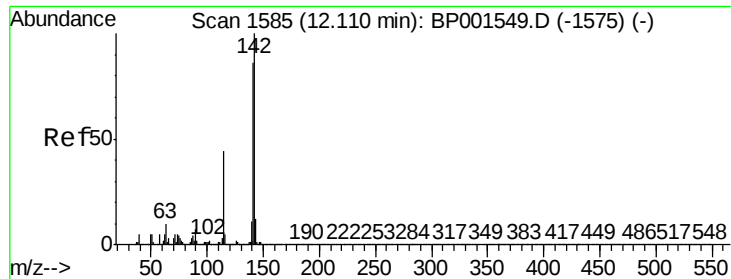


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

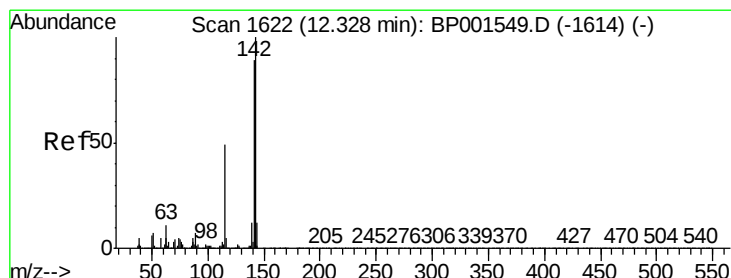
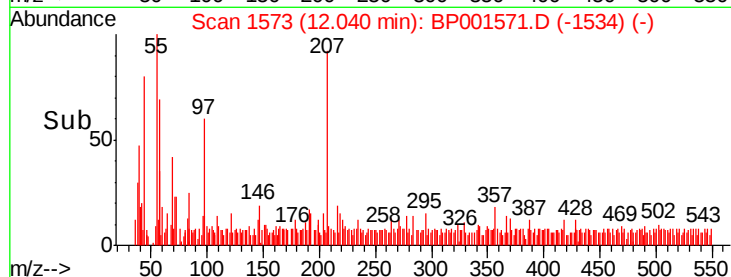
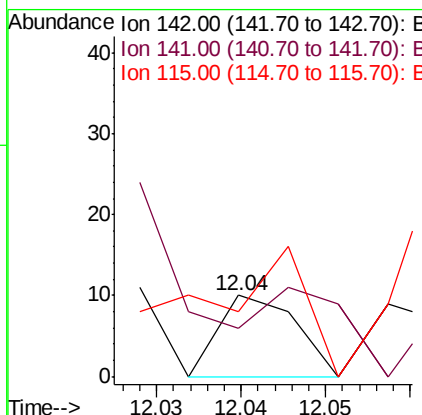
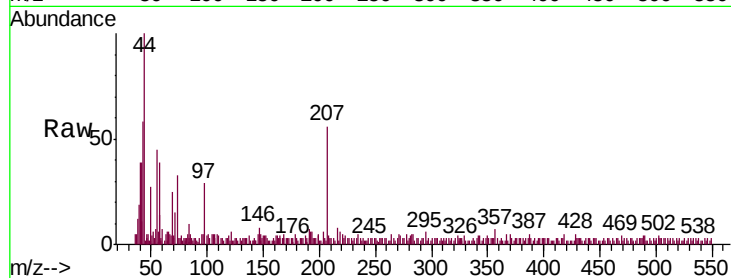




#37
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.04 min Scan# 1573
Delta R.T. -0.07 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

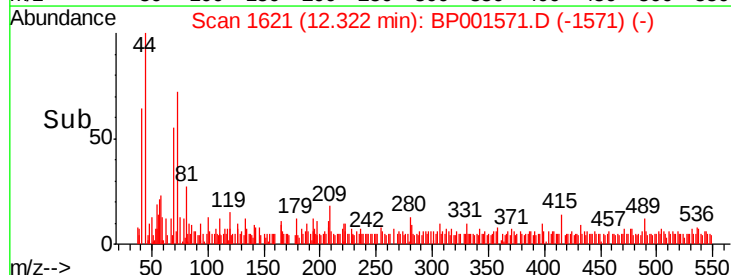
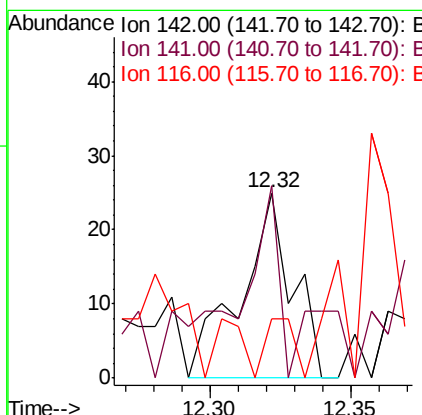
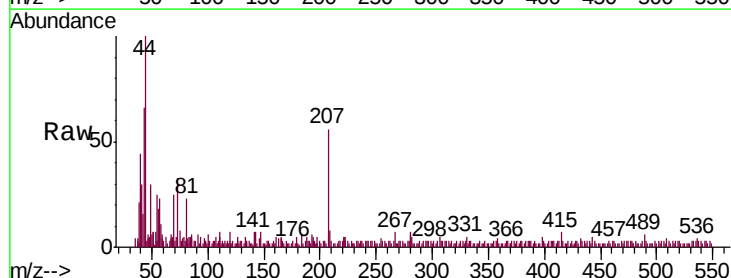
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

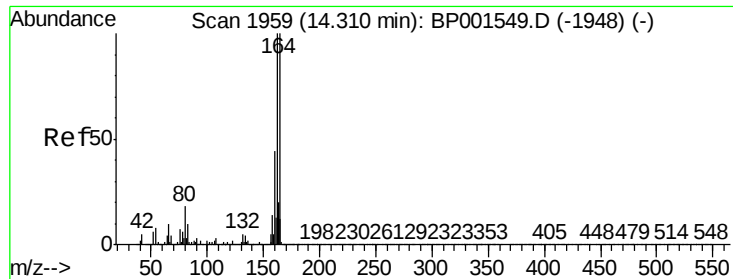
Tgt Ion	Ratio	Lower	Upper
142	100		
141	100.0	68.4	102.6
115	50.0	35.1	52.7



#38
1-Methylnaphthalene
Concen: 0.007 ng
RT: 12.32 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	104.0	70.9	106.3
116	32.0	4.1	6.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Instrument :

BNA_P

ClientSampleId :

SB-3F-(8.5-10.5)

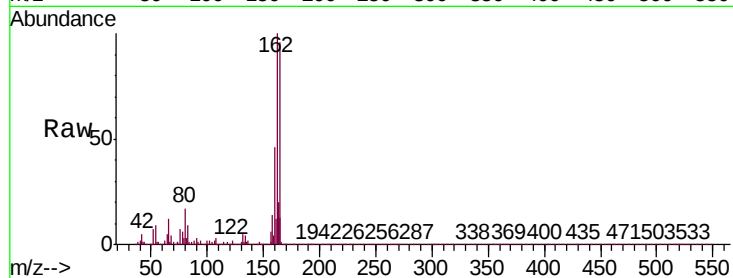
Tgt Ion:164 Resp: 91437

Ion Ratio Lower Upper

164 100

162 104.4 79.8 119.6

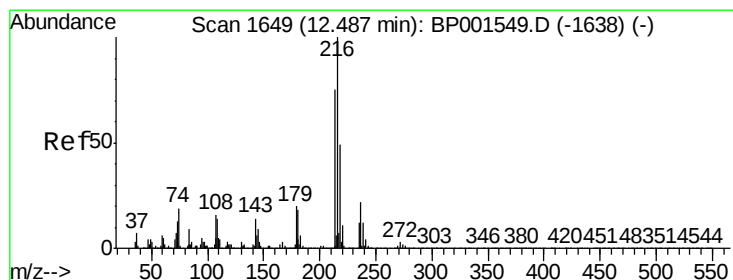
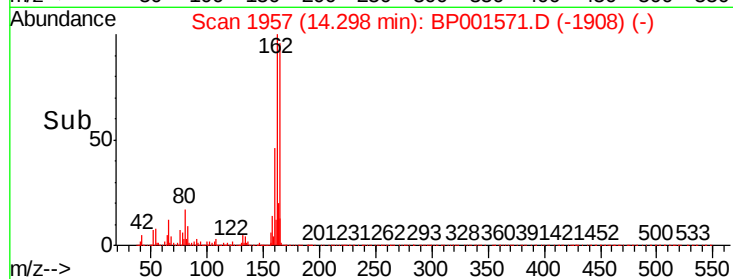
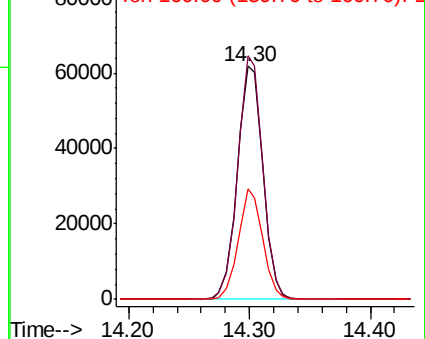
160 47.6 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.002 ng

RT: 12.47 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Tgt Ion:216 Resp: 6

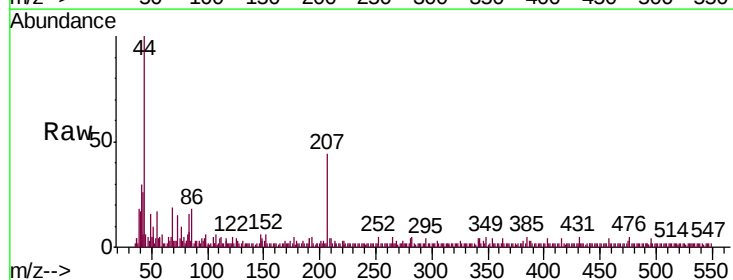
Ion Ratio Lower Upper

216 100

214 433.3 61.3 91.9#

179 166.7 15.7 23.5#

108 200.0 14.2 21.4#

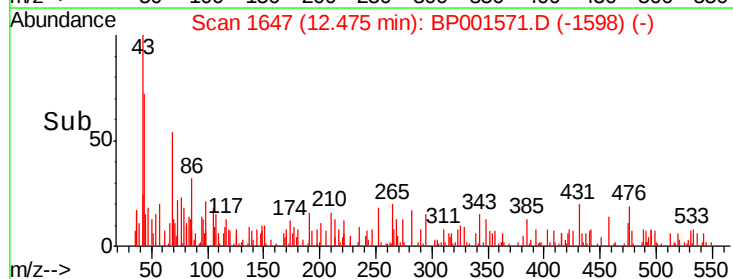
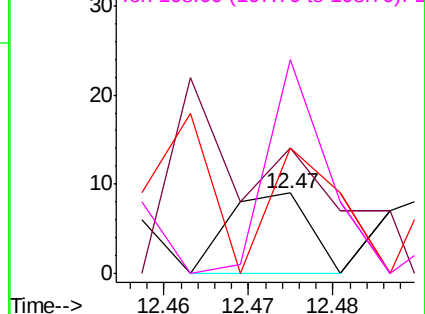


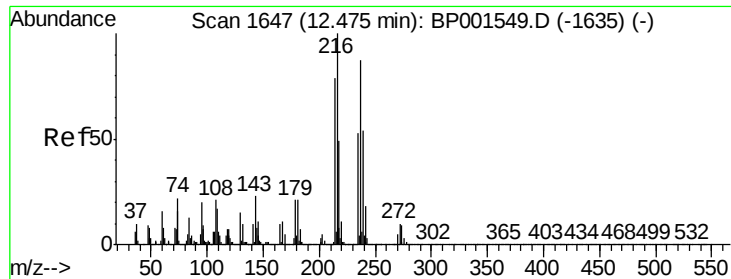
Abundance Ion 216.00 (215.70 to 216.70): E

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

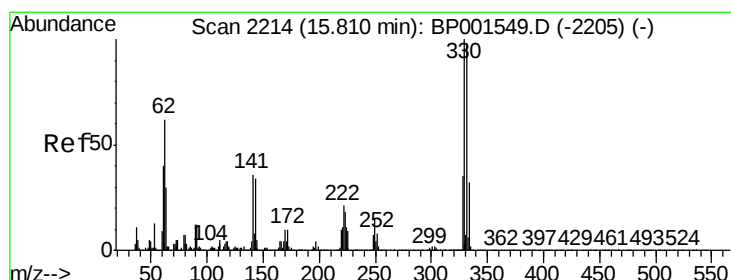
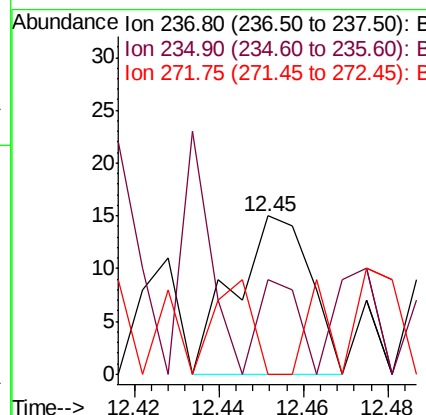
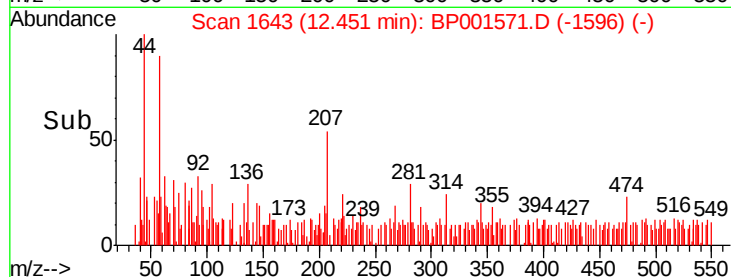
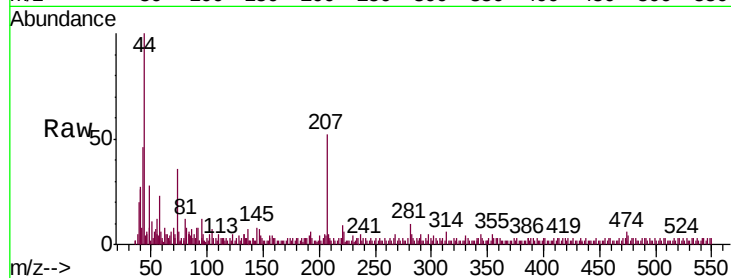




#41
Hexachlorocyclopentadiene
Concen: 0.012 ng
RT: 12.45 min Scan# 1643
Delta R.T. -0.02 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

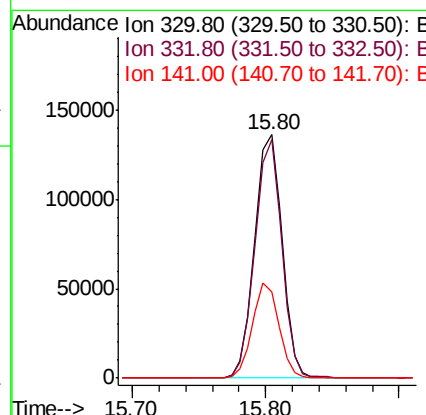
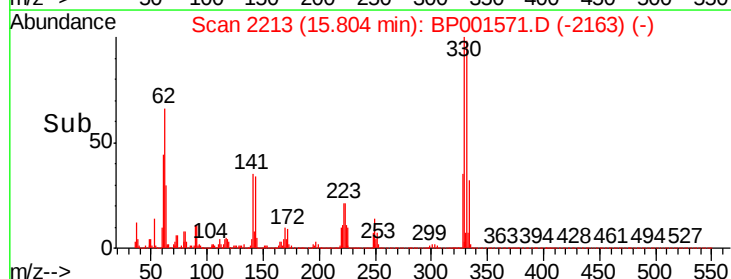
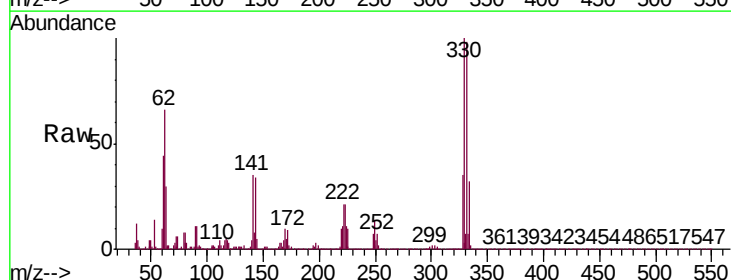
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

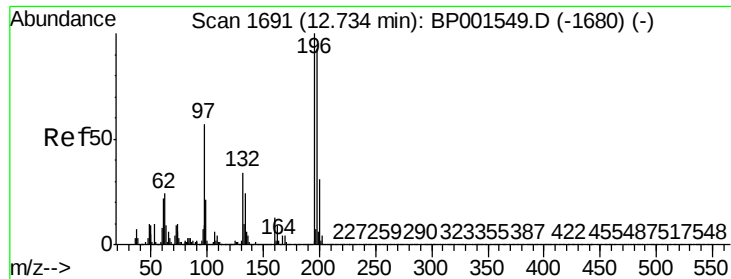
Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.0	41.6	81.6
272	0.0	0.0	31.2



#42
2,4,6-Tribromophenol
Concen: 138.865 ng
RT: 15.80 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.8	116.6
141	37.8	28.7	43.1

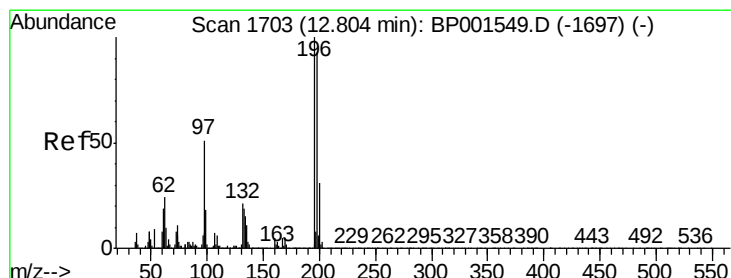
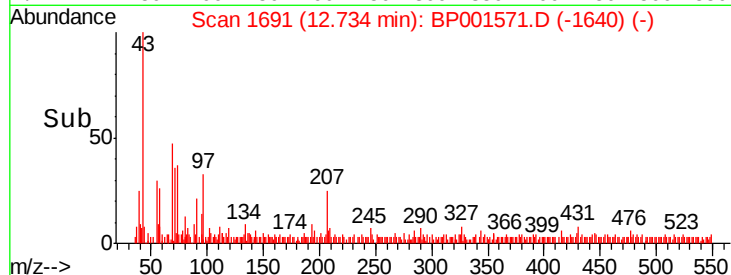
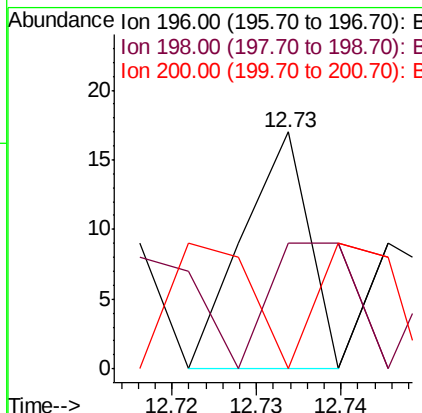
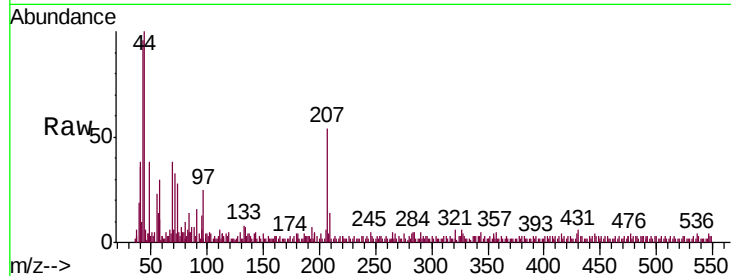




#43
2,4,6-Trichlorophenol
Concen: 0.004 ng
RT: 12.73 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

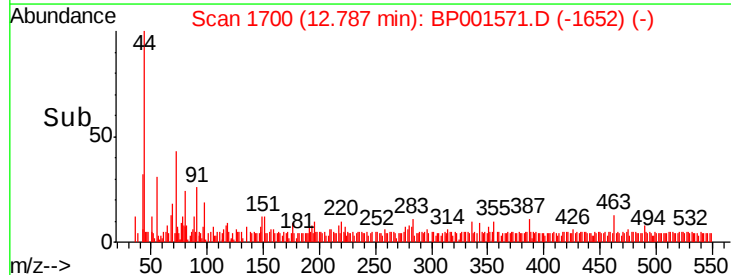
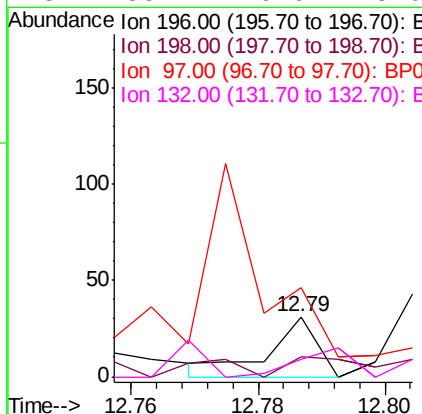
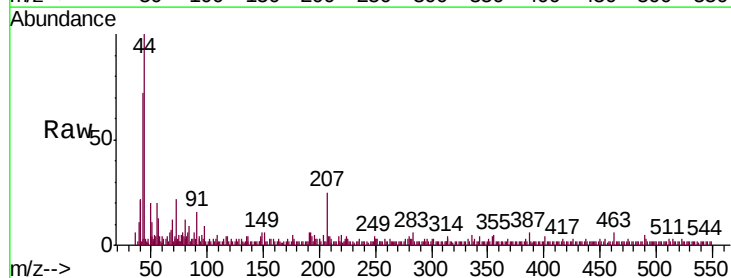
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

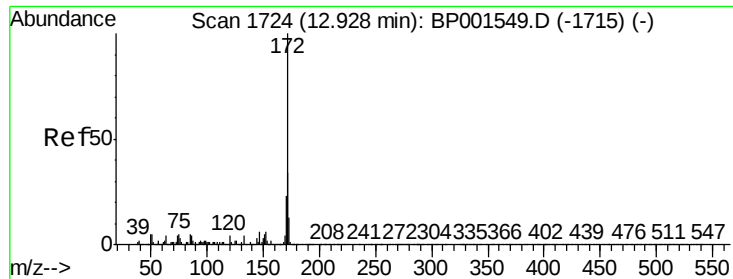
Tgt Ion	Ratio	Lower	Upper
196	100		
198	52.9	74.2	111.4#
200	0.0	24.6	37.0#



#44
2,4,5-Trichlorophenol
Concen: 0.008 ng
RT: 12.79 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	32.3	74.6	111.8#
97	148.4	41.0	61.6#
132	38.7	16.6	25.0#

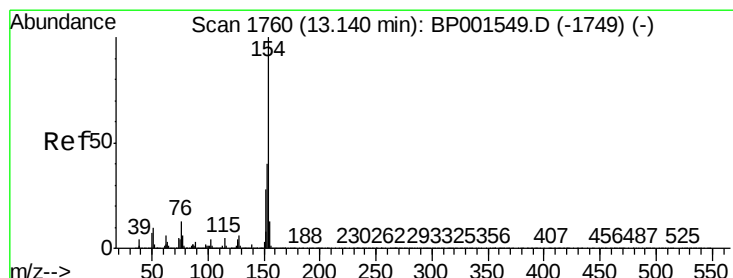
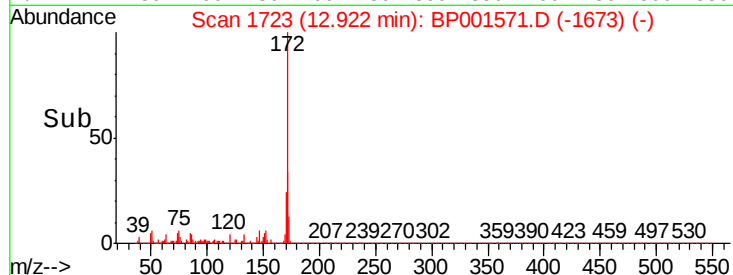
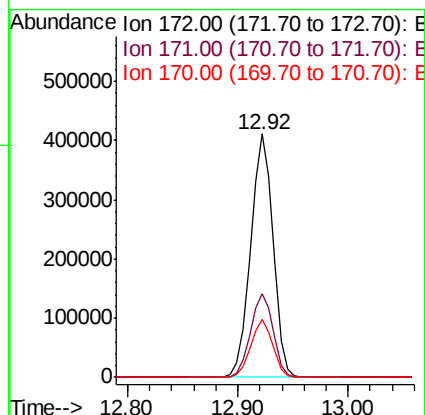
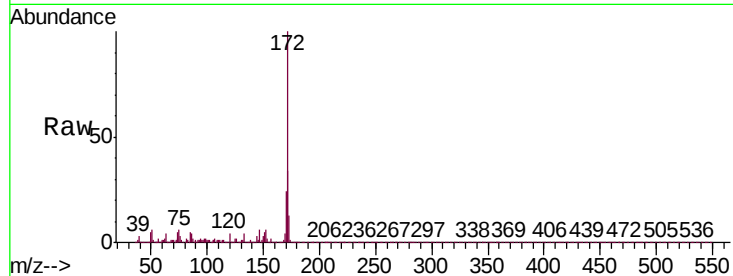




#45
2-Fluorobiphenyl
Concen: 94.074 ng
RT: 12.92 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

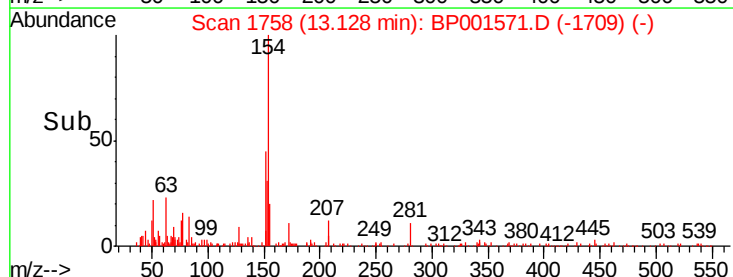
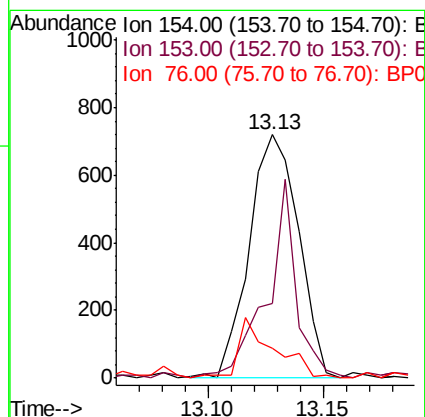
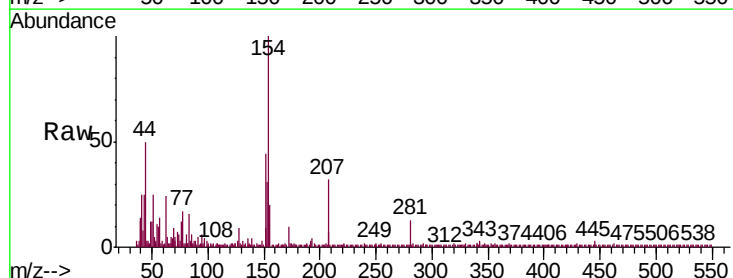
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

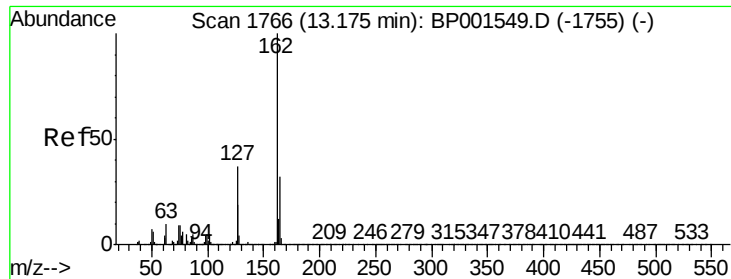
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.6	41.4
170	23.6	18.3	27.5



#46
1,1'-Biphenyl
Concen: 0.163 ng
RT: 13.13 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	30.6	19.5	59.5
76	12.2	0.0	33.1

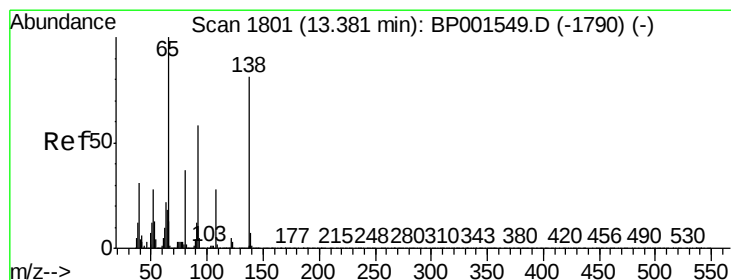
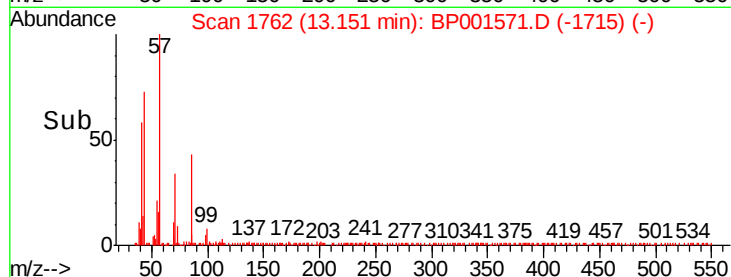
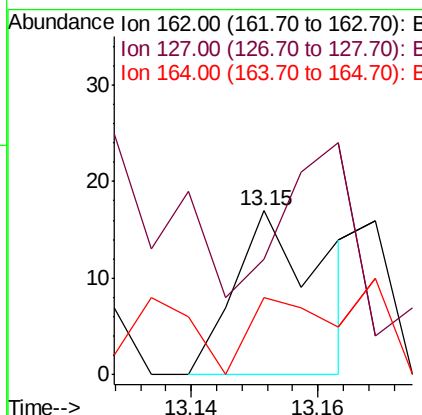
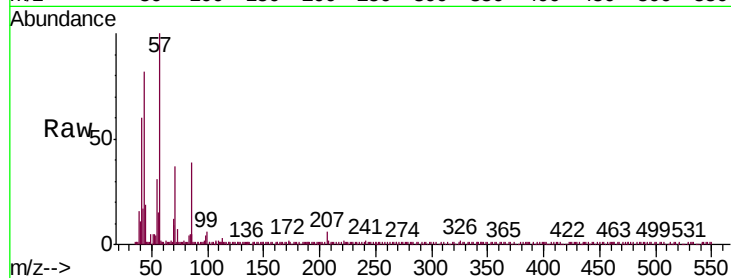




#47
2-Chloronaphthalene
Concen: 0.003 ng
RT: 13.15 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

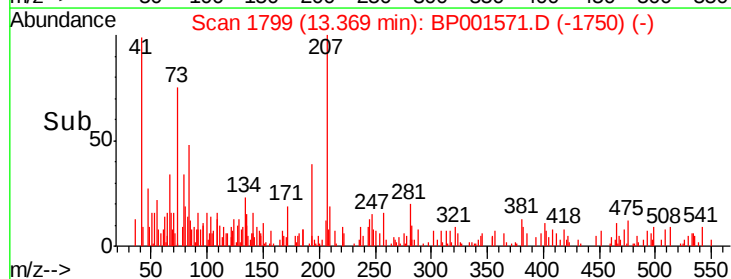
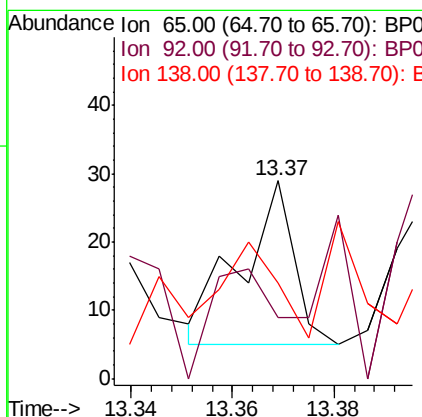
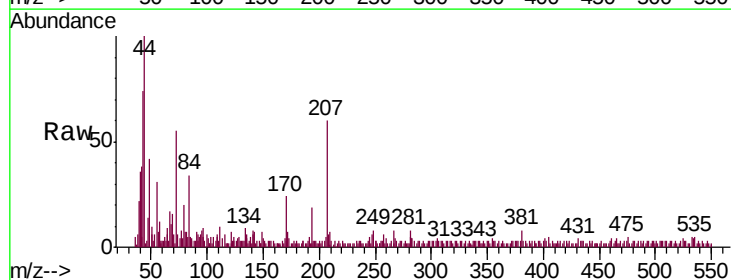
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

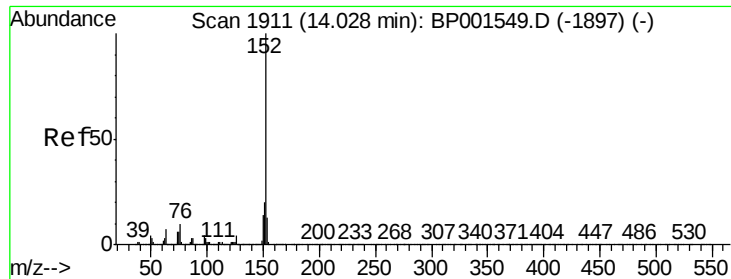
Tgt Ion: 162 Resp: 17
Ion Ratio Lower Upper
162 100
127 70.6 29.9 44.9#
164 88.2 26.0 39.0#



#48
2-Nitroaniline
Concen: 0.008 ng
RT: 13.37 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion: 65 Resp: 17
Ion Ratio Lower Upper
65 100
92 31.0 46.2 69.2#
138 48.3 64.7 97.1#





#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.02 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

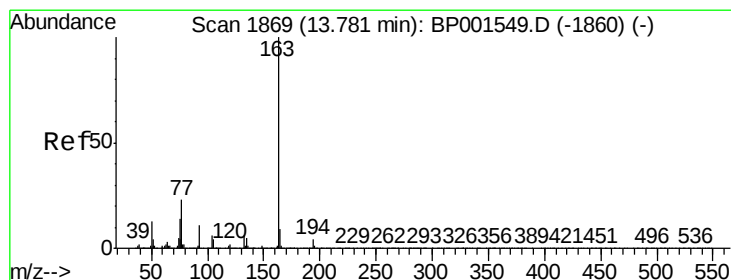
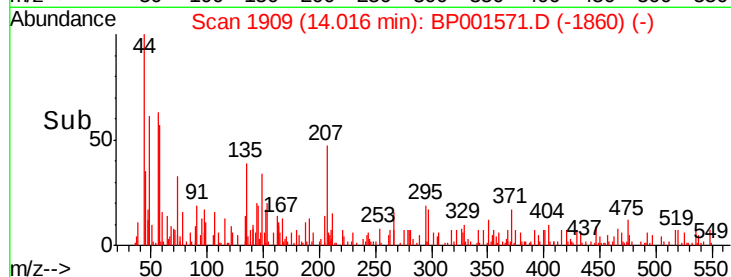
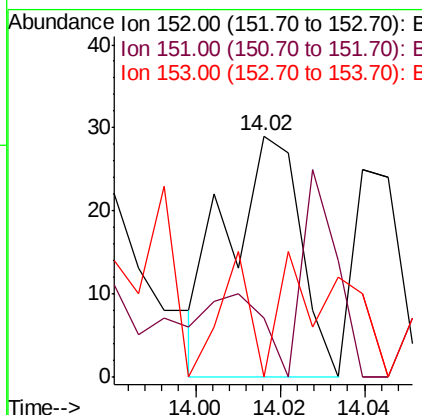
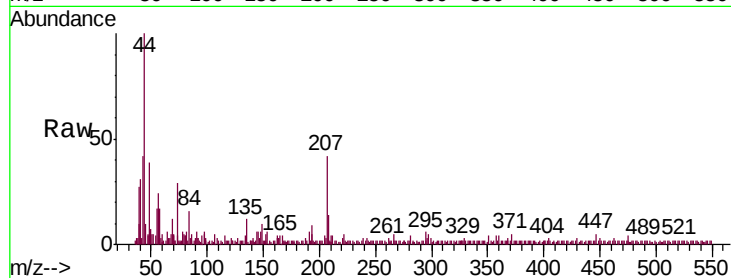
Instrument :

BNA_P

ClientSampleId :

SB-3F-(8.5-10.5)

Tgt Ion:	152	Resp:	35
Ion	Ratio	Lower	Upper
152	100		
151	24.1	15.9	23.9#
153	0.0	10.4	15.6#



#50

Dimethylphthalate

Concen: 3.659 ng

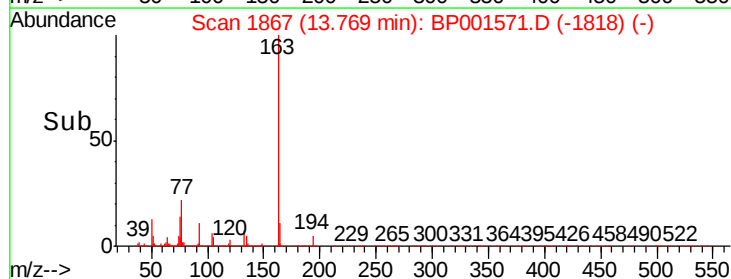
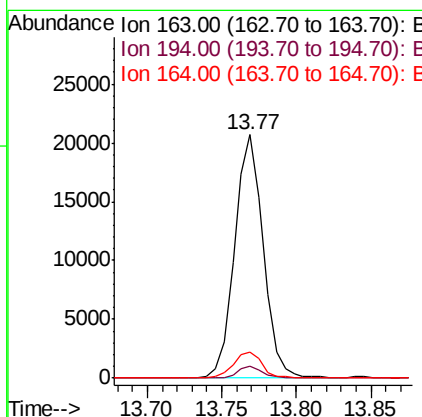
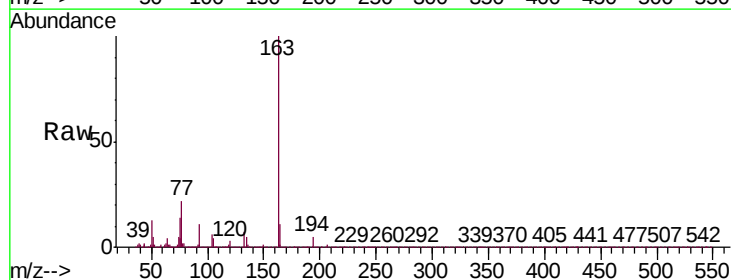
RT: 13.77 min Scan# 1867

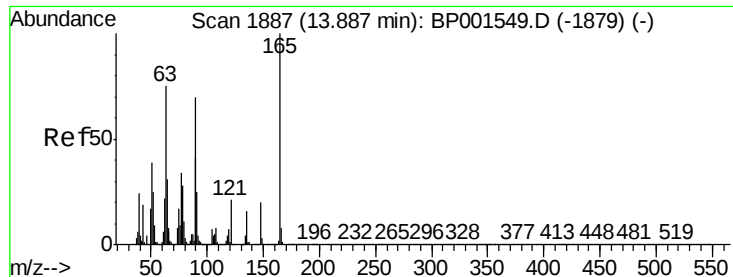
Delta R.T. -0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Tgt Ion:	163	Resp:	27558
Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.6	5.4
164	10.7	7.5	11.3

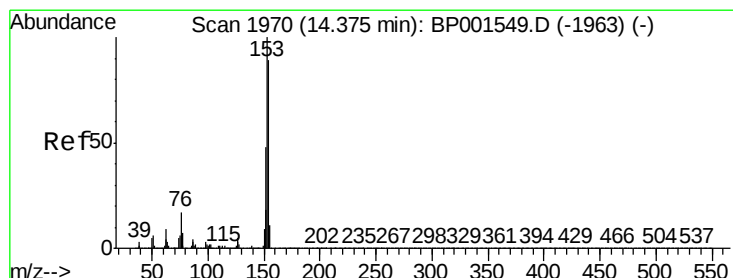
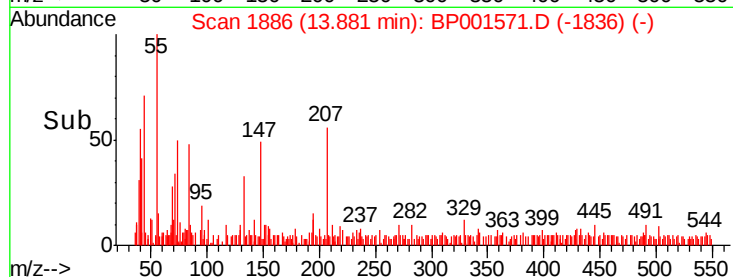
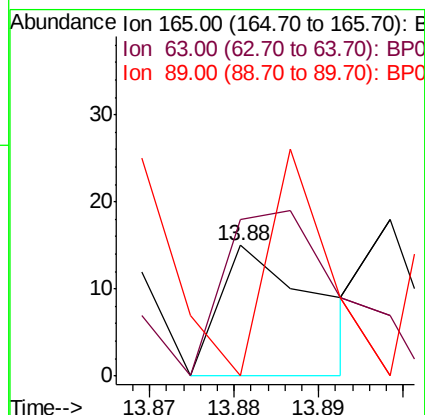
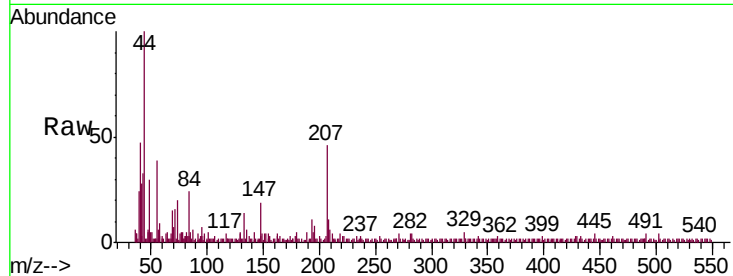




#51
2,6-Dinitrotoluene
Concen: 0.008 ng
RT: 13.88 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

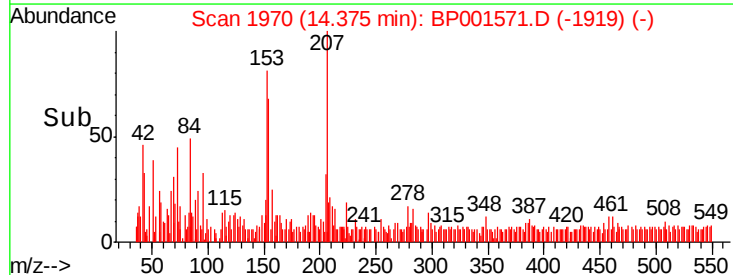
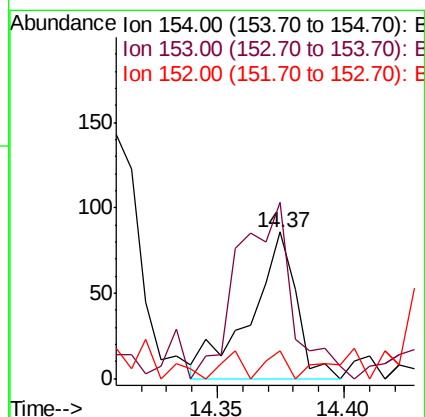
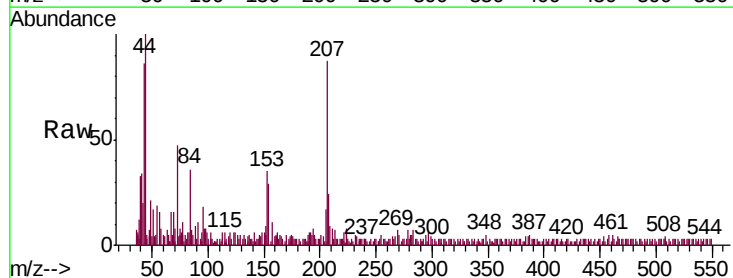
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

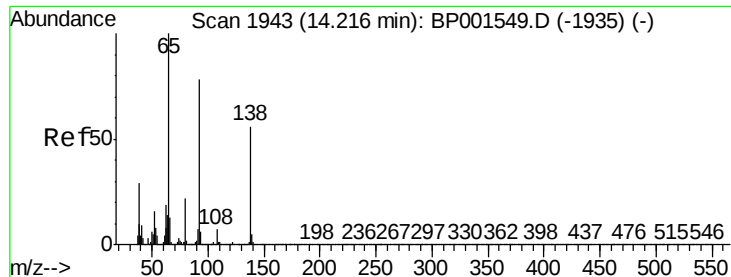
Tgt Ion:165 Resp: 12
Ion Ratio Lower Upper
165 100
63 120.0 60.9 91.3#
89 0.0 55.7 83.5#



#52
Acenaphthene
Concen: 0.021 ng
RT: 14.37 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion:154 Resp: 107
Ion Ratio Lower Upper
154 100
153 119.8 89.4 134.2
152 18.6 42.6 64.0#





#53

3-Nitroaniline

Concen: 0.005 ng

RT: 14.22 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Instrument :

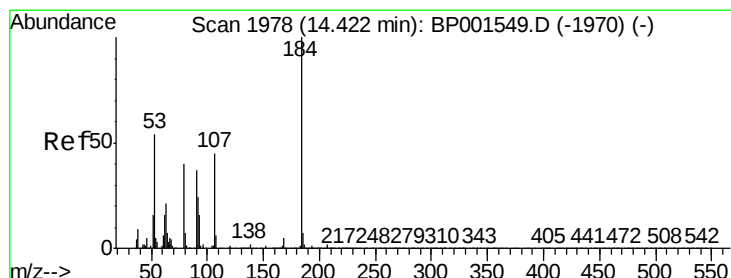
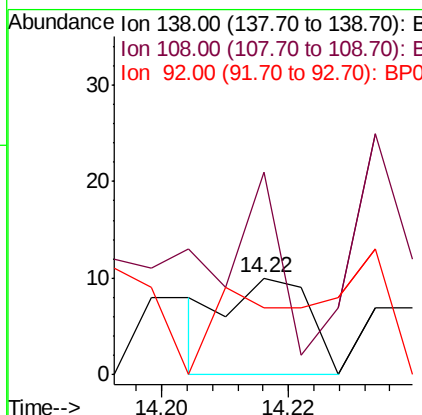
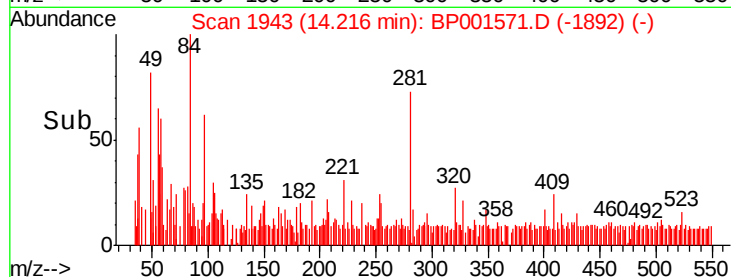
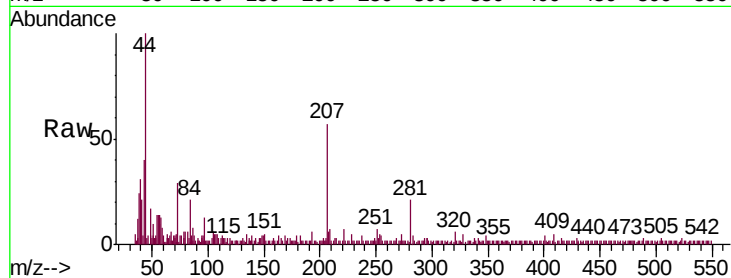
BNA_P

ClientSampleId :

SB-3F-(8.5-10.5)

Tgt Ion:138 Resp: 9

Ion	Ratio	Lower	Upper
138	100		
108	210.0	9.9	14.9#
92	70.0	110.6	166.0#



#54

2,4-Dinitrophenol

Concen: 0.011 ng

RT: 14.42 min Scan# 1978

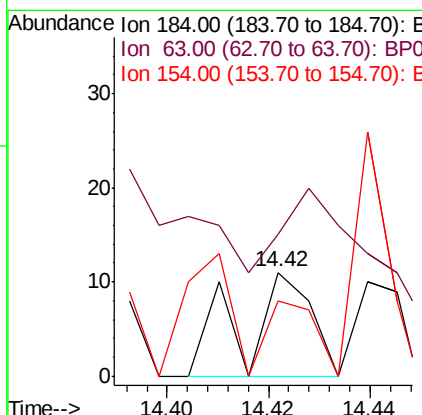
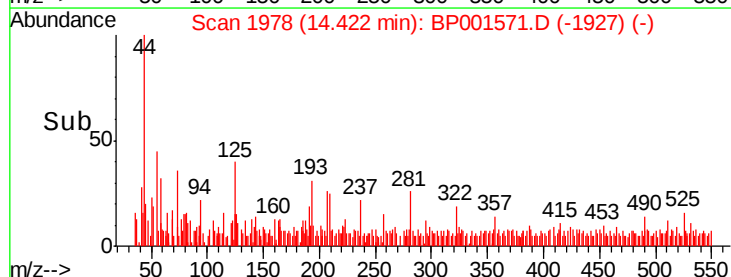
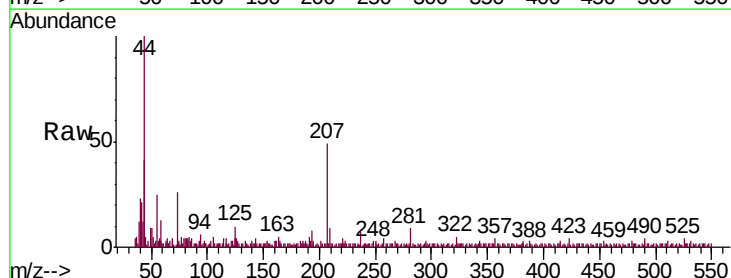
Delta R.T. 0.00 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Tgt Ion:184 Resp: 10

Ion	Ratio	Lower	Upper
184	100		
63	136.4	59.7	89.5#
154	72.7	53.9	80.9





#55

Dibenzofuran

Concen: 0.005 ng

RT: 14.69 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Instrument :

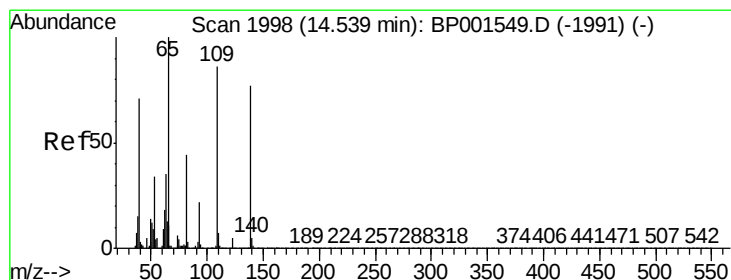
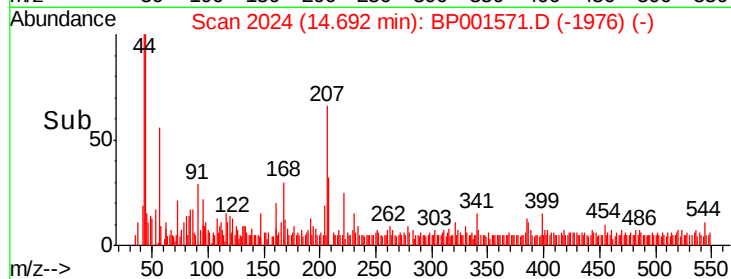
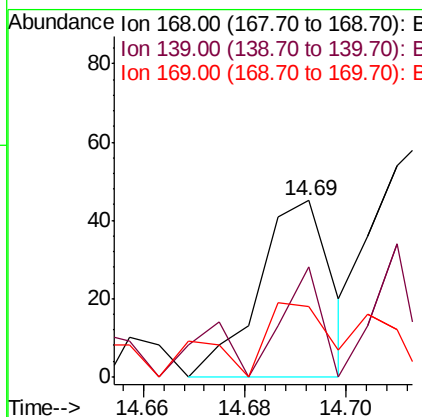
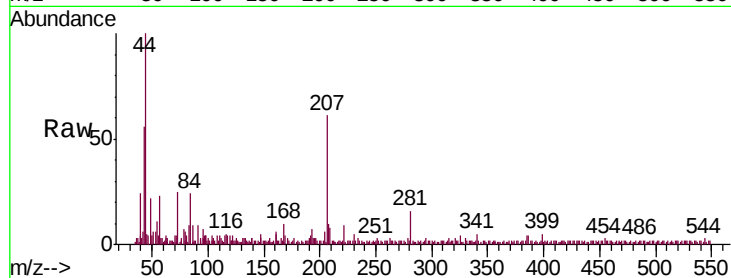
BNA_P

ClientSampleId :

SB-3F-(8.5-10.5)

Tgt Ion:168 Resp: 45

Ion	Ratio	Lower	Upper
168	100		
139	62.2	30.2	45.4#
169	40.0	10.6	16.0#



#56

4-Nitrophenol

Concen: 0.003 ng

RT: 14.79 min Scan# 2040

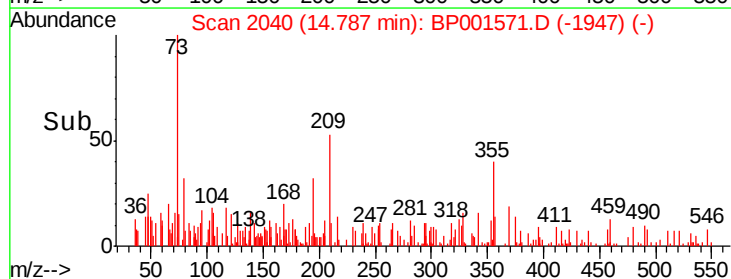
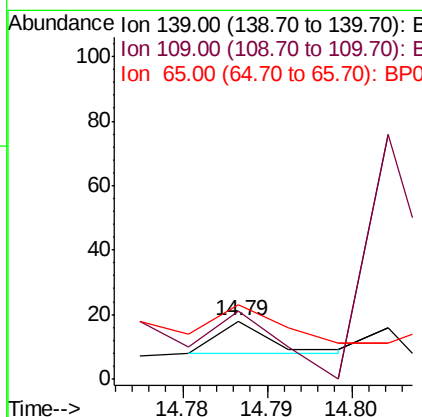
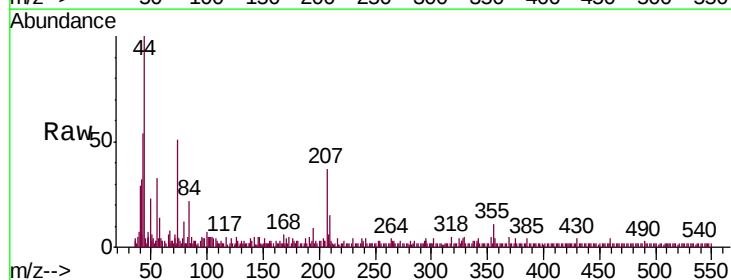
Delta R.T. 0.25 min

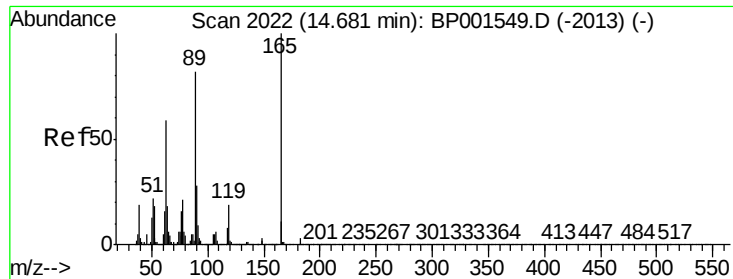
Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Tgt Ion:139 Resp: 4

Ion	Ratio	Lower	Upper
139	100		
109	116.7	92.7	132.7
65	127.8	111.1	151.1

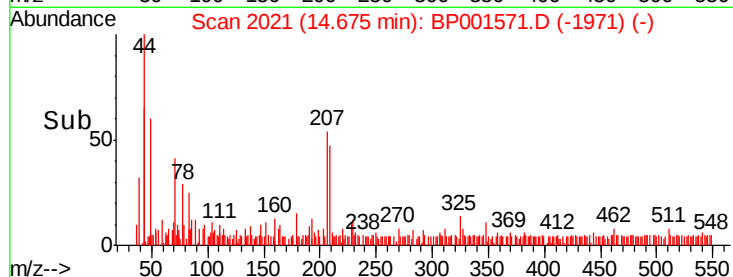
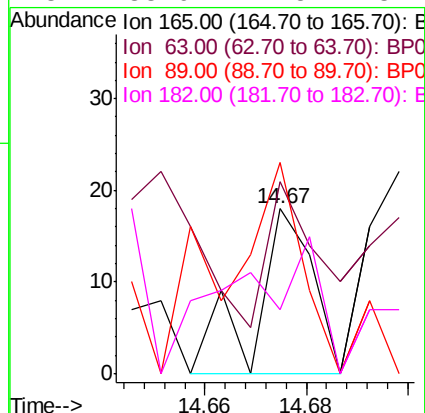
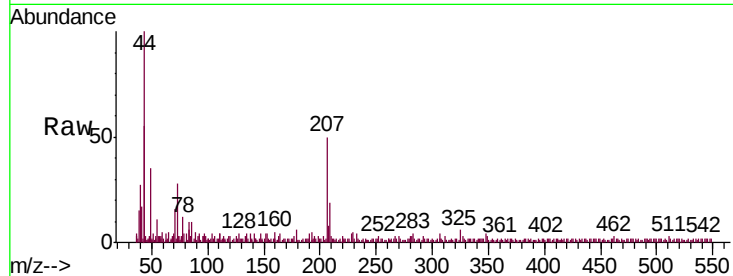




#57
2,4-Dinitrotoluene
Concen: 0.006 ng
RT: 14.67 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

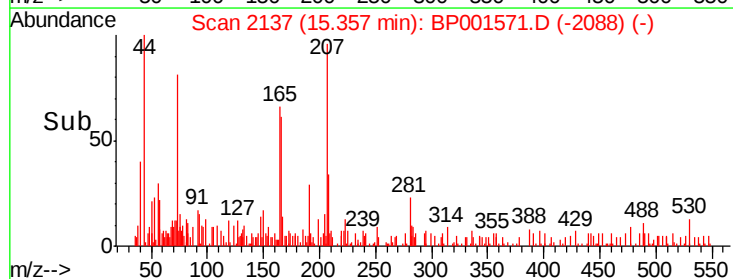
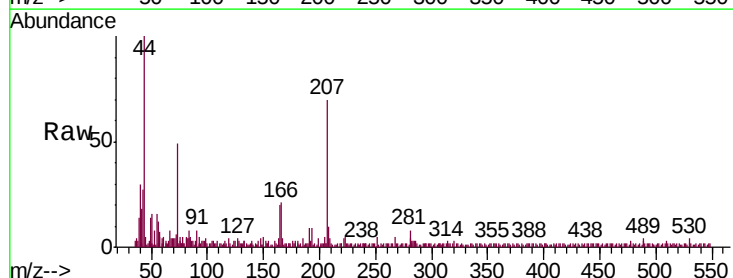
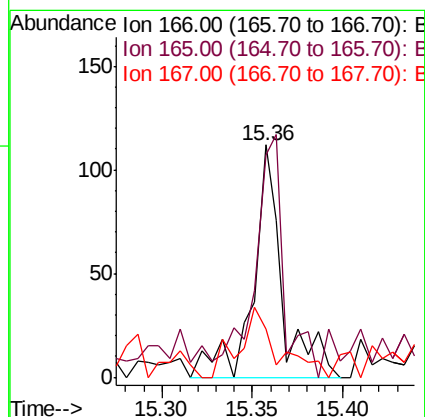
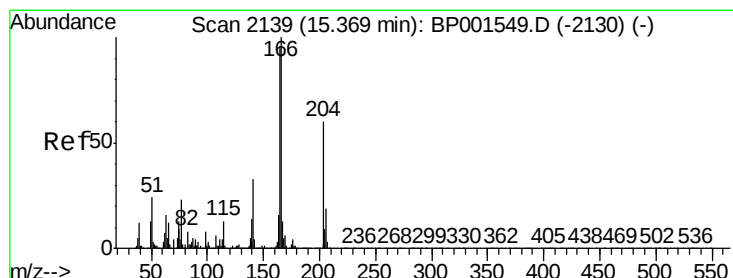
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

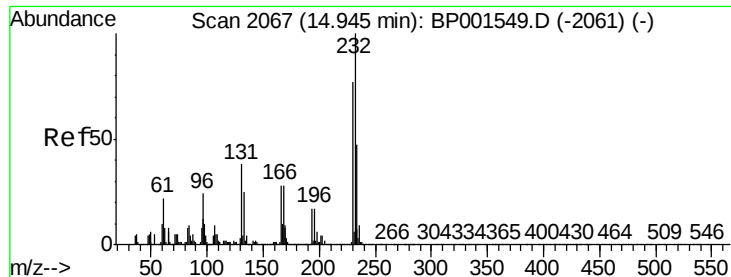
Tgt Ion:165 Resp: 14
Ion Ratio Lower Upper
165 100
63 116.7 47.3 70.9#
89 127.8 65.4 98.0#
182 38.9 2.5 3.7#



#58
Fluorene
Concen: 0.018 ng
RT: 15.36 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion:166 Resp: 126
Ion Ratio Lower Upper
166 100
165 95.5 76.9 115.3
167 20.5 10.3 15.5#





#59

2,3,4,6-Tetrachlorophenol

Concen: 0.009 ng

RT: 14.94 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

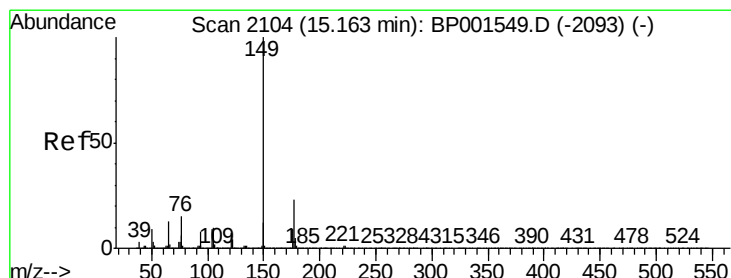
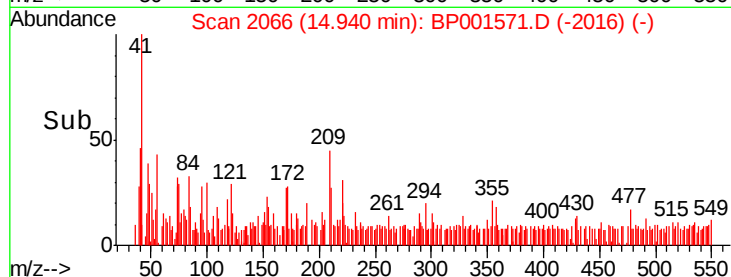
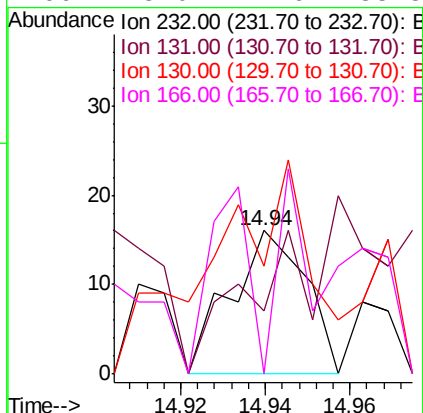
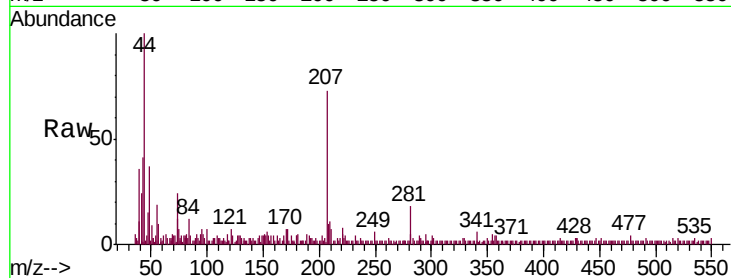
Instrument :

BNA_P

ClientSampleId :

SB-3F-(8.5-10.5)

Tgt Ion:	232	Resp:	20
Ion	Ratio	Lower	Upper
232	100		
131	0.0	31.3	46.9#
130	195.0	2.0	3.0#
166	75.0	22.6	33.8#



#60

Diethylphthalate

Concen: 0.050 ng

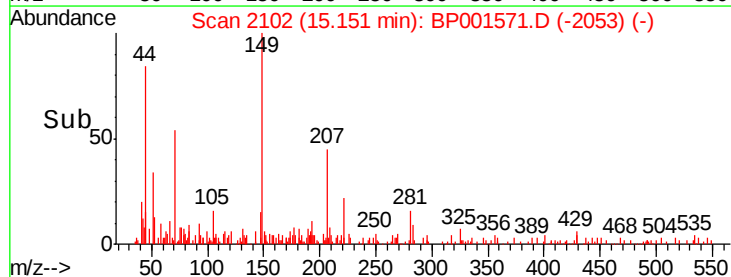
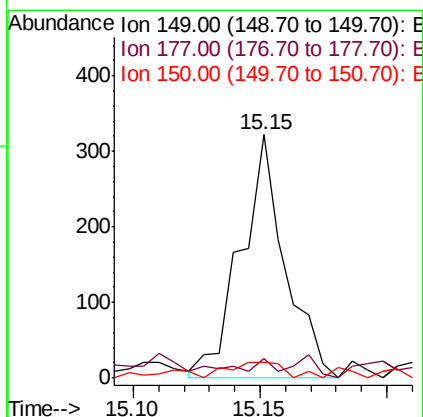
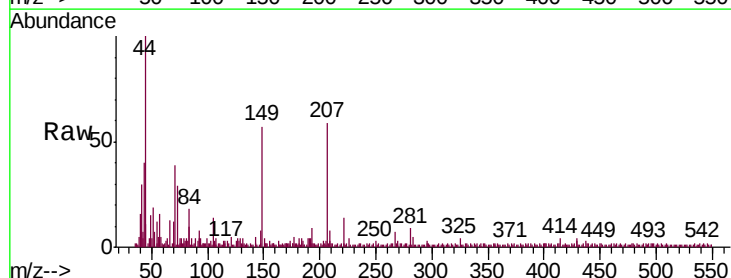
RT: 15.15 min Scan# 2102

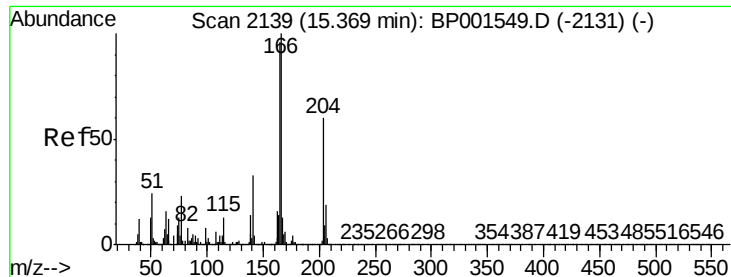
Delta R.T. -0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Tgt Ion:	149	Resp:	390
Ion	Ratio	Lower	Upper
149	100		
177	9.9	18.4	27.6#
150	6.2	10.0	15.0#

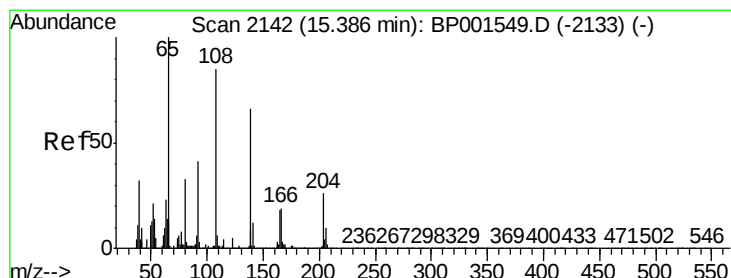
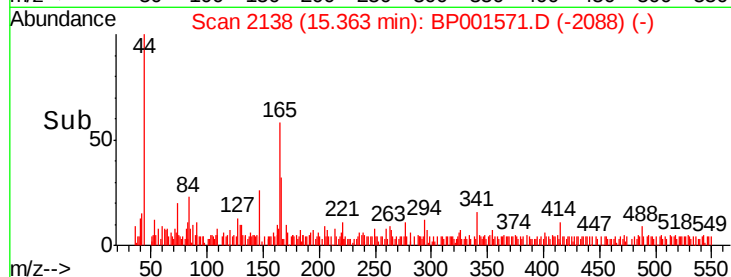
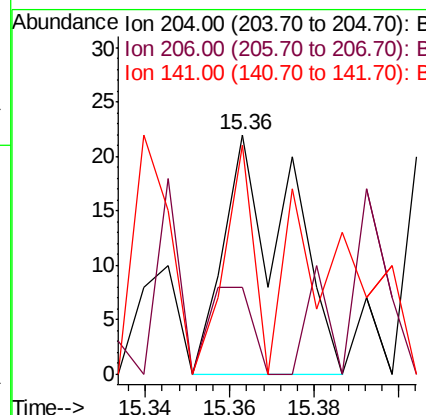
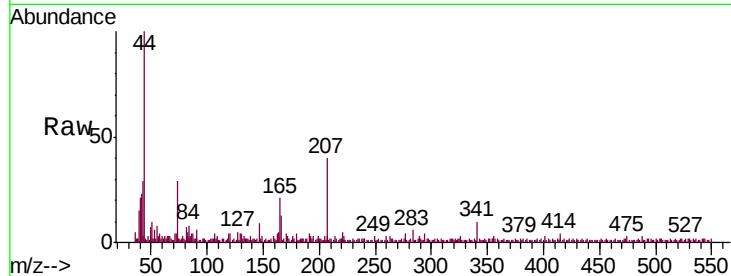




#61
4-Chlorophenyl-phenylether
Concen: 0.006 ng
RT: 15.36 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

Tgt Ion: 204 Resp: 24
Ion Ratio Lower Upper
204 100
206 36.4 25.4 38.0
141 95.5 43.8 65.6#



#62
4-Nitroaniline
Concen: 0.011 ng
RT: 15.36 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion: 138 Resp: 21
Ion Ratio Lower Upper
138 100
92 42.1 42.7 82.7#
108 52.6 108.6 148.6#

