

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001651.D
 Acq On : 17 Jan 2020 11:29
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 18 02:29:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	35523	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	137065	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	99682	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	239412	20.00	ng	0.00
76) Chrysene-d12	21.16	240	224690	20.00	ng	0.00
87) Perylene-d12	23.39	264	231484	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	157750	86.99	ng	0.00
7) Phenol-d6	6.84	99	235944	81.41	ng	0.00
23) Nitrobenzene-d5	8.79	82	271689	86.62	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	109555	72.20	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	577632	85.20	ng	0.00
79) Terphenyl-d14	19.64	244	1002457	81.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	26595	45.954	ng	98
3) Pyridine	3.60	79	89949	43.012	ng	94
4) n-Nitrosodimethylamine	3.52	42	66115	44.607	ng	# 99
6) Aniline	6.98	93	154873	42.737	ng	99
8) 2-Chlorophenol	7.21	128	87070	41.127	ng	94
9) Benzaldehyde	6.79	77	58292	33.673	ng	96
10) Phenol	6.86	94	122241	40.774	ng	98
11) bis(2-Chloroethyl)ether	7.08	93	97352	41.403	ng	95
12) 1,3-Dichlorobenzene	7.53	146	107907	40.548	ng	98
13) 1,4-Dichlorobenzene	7.68	146	109319	39.727	ng	97
14) 1,2-Dichlorobenzene	7.99	146	105850	39.804	ng	95
15) Benzyl Alcohol	7.88	79	106447	39.001	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	195117	44.669	ng	99
17) 2-Methylphenol	8.10	107	85453	41.052	ng	95
18) Hexachloroethane	8.71	117	43882	40.849	ng	96
19) n-Nitroso-di-n-propylamine	8.45	70	90227	40.835	ng	93
20) 3+4-Methylphenols	8.43	107	112970	38.800	ng	98
22) Acetophenone	8.46	105	162121	42.194	ng	# 96
24) Nitrobenzene	8.83	77	134683	42.443	ng	97
25) Isophorone	9.36	82	242848	43.174	ng	100
26) 2-Nitrophenol	9.54	139	51709	43.118	ng	98
27) 2,4-Dimethylphenol	9.62	122	73481	41.014	ng	96
28) bis(2-Chloroethoxy)methane	9.85	93	142165	43.144	ng	98
29) 2,4-Dichlorophenol	10.08	162	94707	38.619	ng	98
30) 1,2,4-Trichlorobenzene	10.29	180	116289	39.281	ng	97
31) Naphthalene	10.47	128	286670	39.629	ng	99
32) Benzoic acid	9.79	122	22962	17.549	ng	94
33) 4-Chloroaniline	10.58	127	124790	37.467	ng	97
34) Hexachlorobutadiene	10.76	225	81696	38.983	ng	95
35) Caprolactam	11.36	113	33959	38.134	ng	93
36) 4-Chloro-3-methylphenol	11.73	107	107790	36.625	ng	99
37) 2-Methylnaphthalene	12.09	142	214931	37.282	ng	97
38) 1-Methylnaphthalene	12.31	142	204725	36.902	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	145370	42.572	ng	98

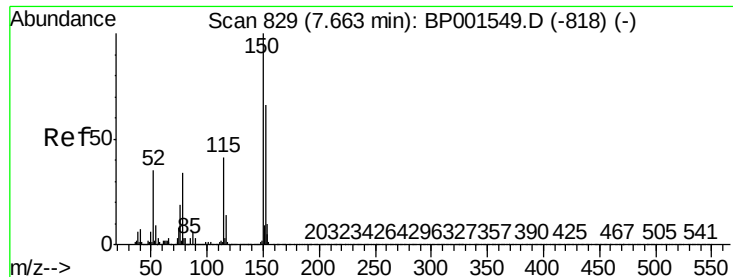
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	74297	42.894	ng	97
43) 2,4,6-Trichlorophenol	12.72	196	87449	39.709	ng	95
44) 2,4,5-Trichlorophenol	12.79	196	90260	38.569	ng	98
46) 1,1'-Biphenyl	13.12	154	302080	42.290	ng	99
47) 2-Chloronaphthalene	13.15	162	249917	42.097	ng	99
48) 2-Nitroaniline	13.36	65	104060	44.615	ng	95
49) Acenaphthylene	14.00	152	377159	41.193	ng	99
50) Dimethylphthalate	13.76	163	326373	39.752	ng	98
51) 2,6-Dinitrotoluene	13.87	165	69590	39.970	ng	93
52) Acenaphthene	14.36	154	222790	39.290	ng	98
53) 3-Nitroaniline	14.20	138	71743	39.028	ng	96
54) 2,4-Dinitrophenol	14.42	184	43372	44.305	ng	89
55) Dibenzofuran	14.69	168	377202	39.337	ng	100
56) 4-Nitrophenol	14.54	139	74341	50.644	ng	95
57) 2,4-Dinitrotoluene	14.67	165	102192	40.115	ng	95
58) Fluorene	15.35	166	305999	39.437	ng	96
59) 2,3,4,6-Tetrachlorophenol	14.93	232	83518	34.561	ng	98
60) Diethylphthalate	15.14	149	327120	38.738	ng	98
61) 4-Chlorophenyl-phenylether	15.35	204	174248	39.238	ng	97
62) 4-Nitroaniline	15.37	138	77637	37.043	ng	100
63) Azobenzene	15.65	77	349411	41.411	ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	53182	41.087	ng	94
66) n-Nitrosodiphenylamine	15.57	169	268481	42.330	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	111425	41.255	ng	97
68) Hexachlorobenzene	16.36	284	127145	40.518	ng	98
69) Atrazine	16.53	200	75856	32.565	ng	96
70) Pentachlorophenol	16.71	266	65640	37.877	ng	96
71) Phenanthrene	17.09	178	527035	40.479	ng	99
72) Anthracene	17.19	178	512543	40.437	ng	100
73) Carbazole	17.46	167	460991	38.739	ng	99
74) Di-n-butylphthalate	18.03	149	583954	41.478	ng	99
75) Fluoranthene	19.07	202	669035	39.052	ng	99
77) Benzidine	19.26	184	244537	47.664	ng	96
78) Pyrene	19.43	202	679055	41.142	ng	99
80) Butylbenzylphthalate	20.32	149	265894	42.386	ng	99
81) Benzo(a)anthracene	21.14	228	632922	40.447	ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	226377	38.579	ng	97
83) Chrysene	21.19	228	612161	40.142	ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	375421	43.655	ng	98
85) Di-n-octyl phthalate	21.97	149	599336	43.708	ng	95
86) Indeno(1,2,3-cd)pyrene	25.66	276	668645	37.457	ng	97
88) Benzo(b)fluoranthene	22.72	252	593761	40.705	ng	99
89) Benzo(k)fluoranthene	22.77	252	585536	41.170	ng	99
90) Benzo(a)pyrene	23.30	252	556862	40.207	ng	# 99
91) Dibenzo(a,h)anthracene	25.67	278	561409	39.287	ng	# 97
92) Benzo(g,h,i)perylene	26.35	276	535265	37.679	ng	98

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

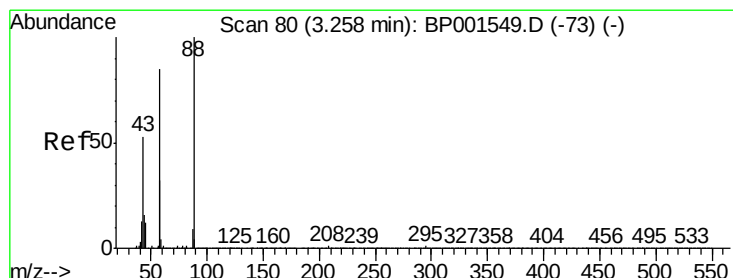
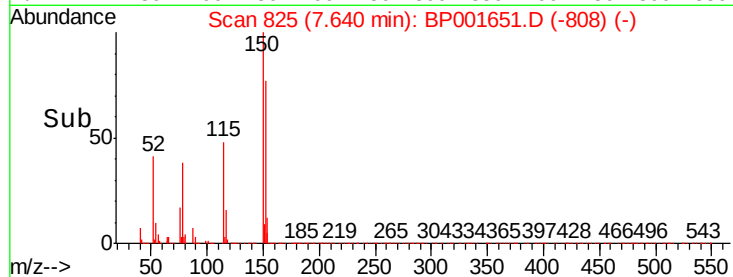
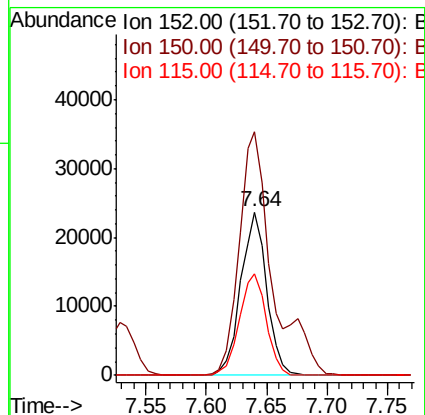
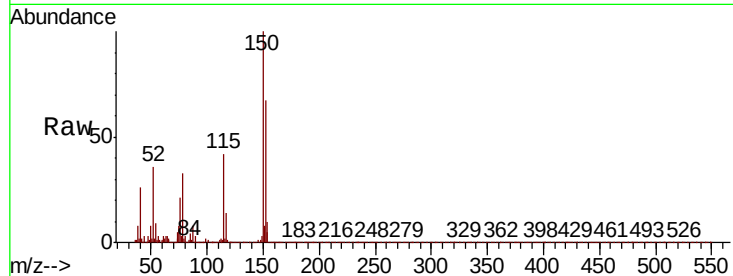


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 825
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Instrument :
BNA_P
ClientSampled :

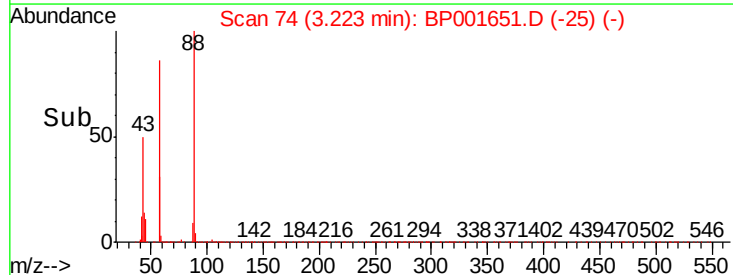
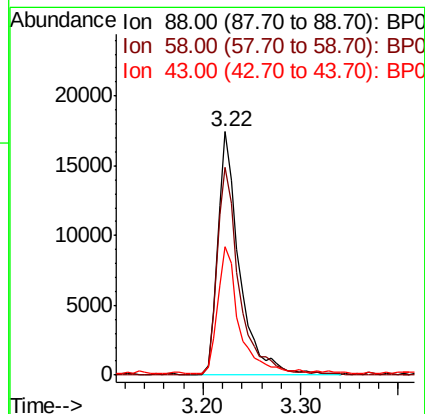
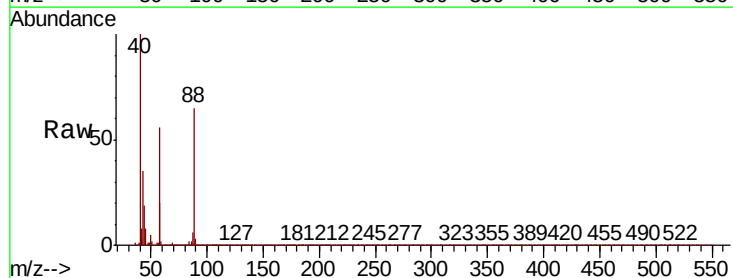
Tot Ion:152 Resp: 35523
Ion Ratio Lower Upper
152 100
150 149.4 122.0 183.0
115 62.5 50.7 76.1

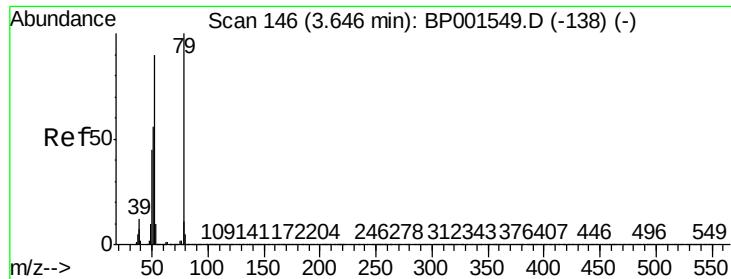


#2

1,4-Dioxane
Concen: 45.954 ng
RT: 3.22 min Scan# 74
Delta R.T. -0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion: 88 Resp: 26595
Ion Ratio Lower Upper
88 100
58 88.9 69.5 104.3
43 51.9 40.3 60.5





#3

Pvridine

Concen: 43.012 ng

RT: 3.60 min Scan# 138

Delta R.T. -0.01 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

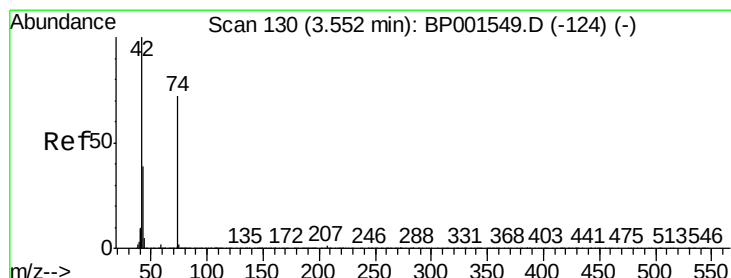
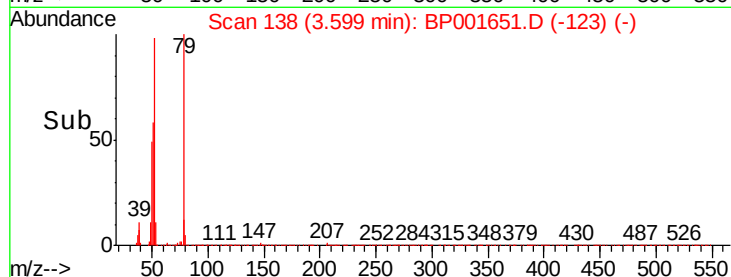
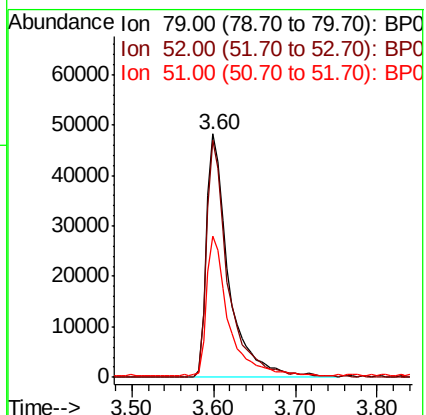
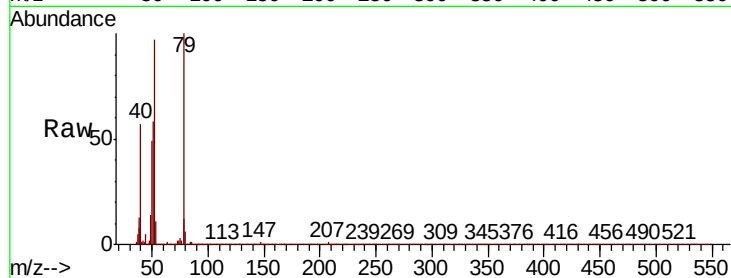
Tot Ion: 79 Resp: 89949

Ion Ratio Lower Upper

79 100

52 97.2 72.1 108.1

51 58.2 44.8 67.2



#4

n-Nitrosodimethylamine

Concen: 44.607 ng

RT: 3.52 min Scan# 125

Delta R.T. -0.01 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

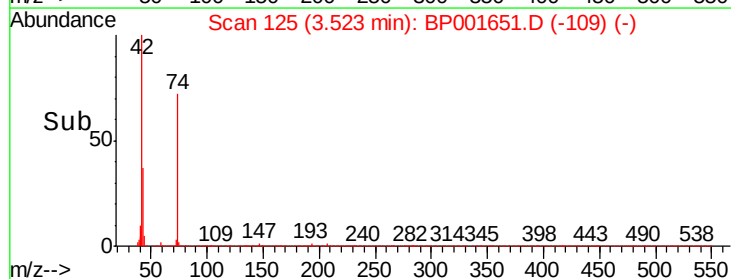
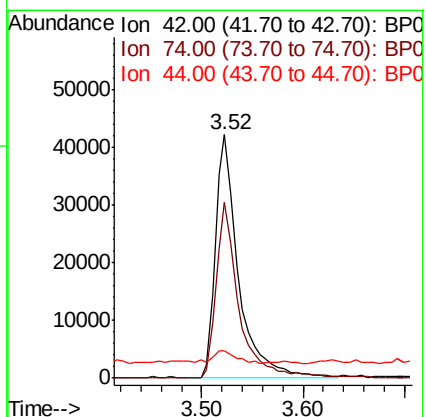
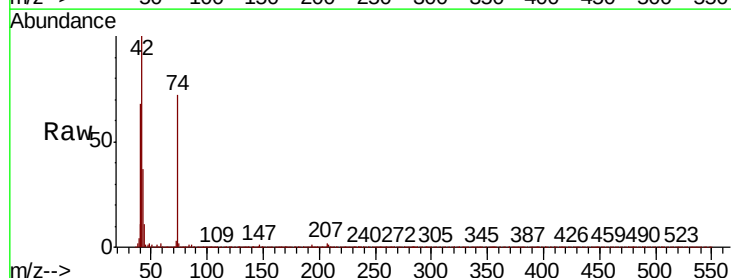
Tgt Ion: 42 Resp: 66115

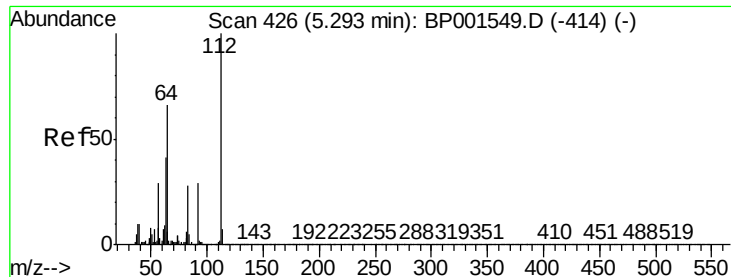
Ion Ratio Lower Upper

42 100

74 72.3 58.0 87.0

44 11.3 6.7 10.1#





#5

2-Fluorophenol

Concen: 86.991 ng

RT: 5.26 min Scan# 421

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

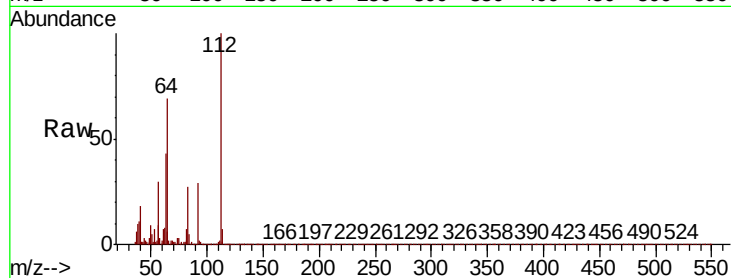
Tot Ion: 112 Resp: 157750

Ion Ratio Lower Upper

112 100

64 69.1 52.8 79.2

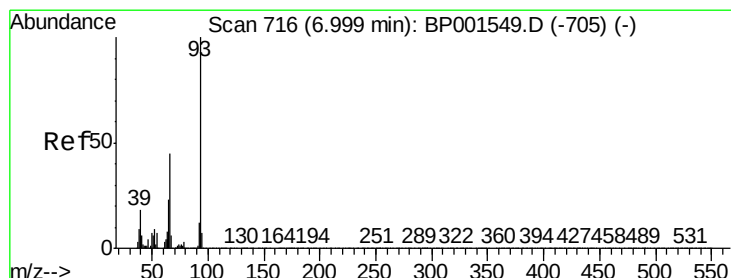
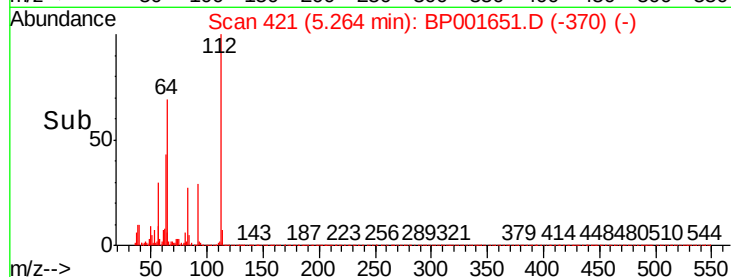
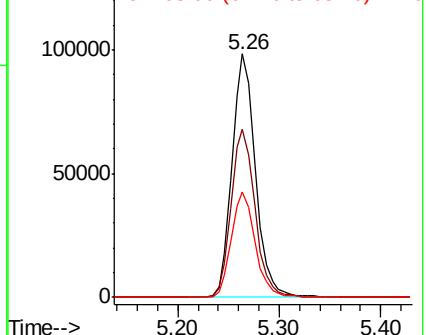
63 43.4 33.1 49.7



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



#6

Aniline

Concen: 42.737 ng

RT: 6.98 min Scan# 712

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

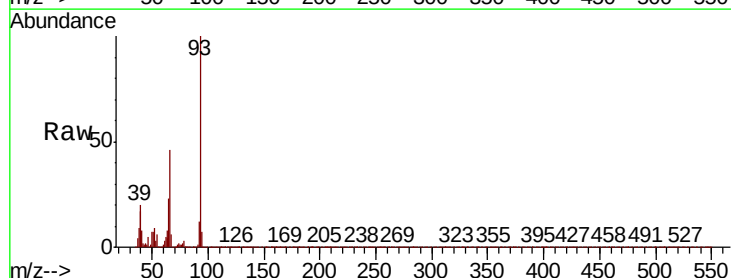
Tgt Ion: 93 Resp: 154873

Ion Ratio Lower Upper

93 100

66 46.0 36.4 54.6

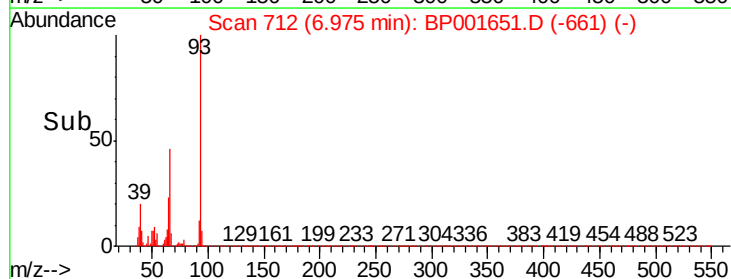
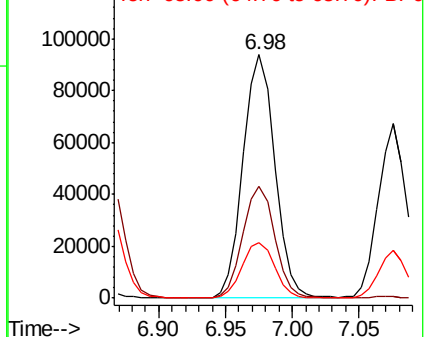
65 22.7 18.5 27.7

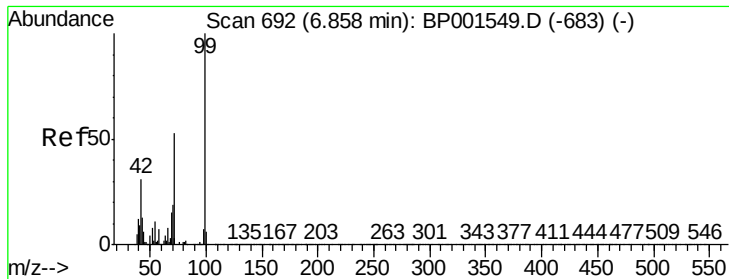


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 81.411 ng

RT: 6.84 min Scan# 689

Delta R.T. 0.01 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

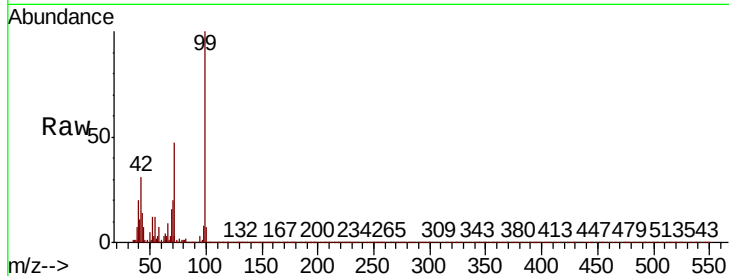
Tot Ion: 99 Resp: 235944

Ion Ratio Lower Upper

99 100

42 31.4 24.5 36.7

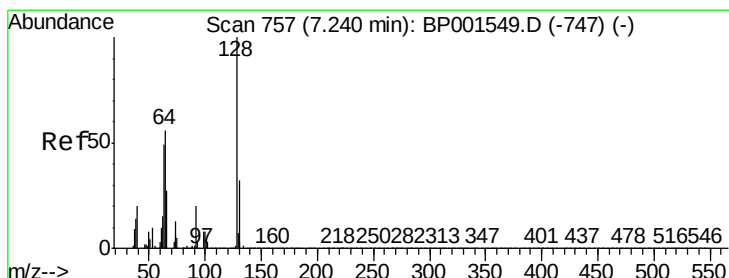
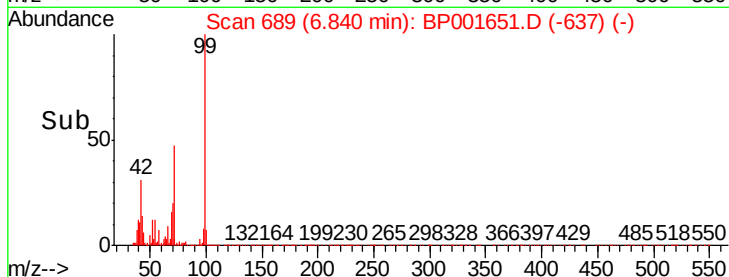
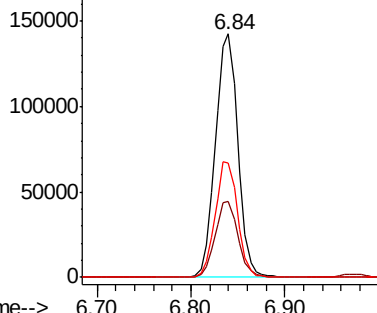
71 46.8 42.4 63.6



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 41.127 ng

RT: 7.21 min Scan# 752

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

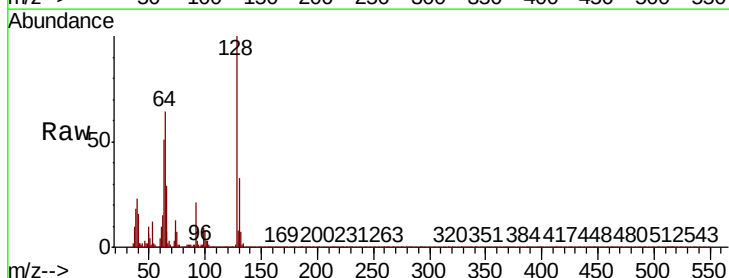
Tgt Ion: 128 Resp: 87070

Ion Ratio Lower Upper

128 100

130 32.6 11.8 51.8

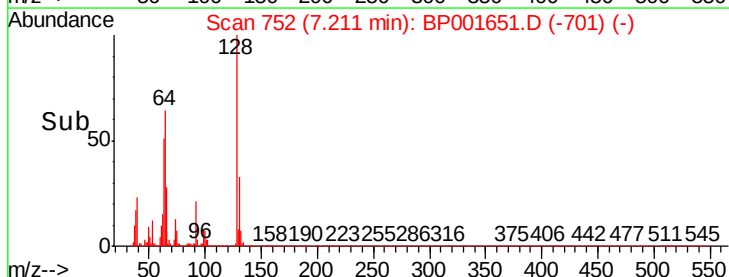
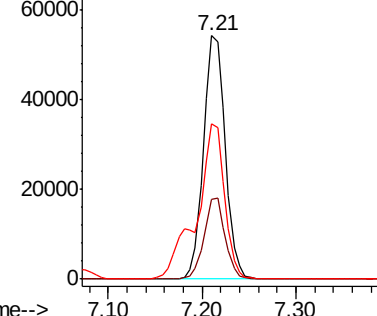
64 63.7 37.2 77.2

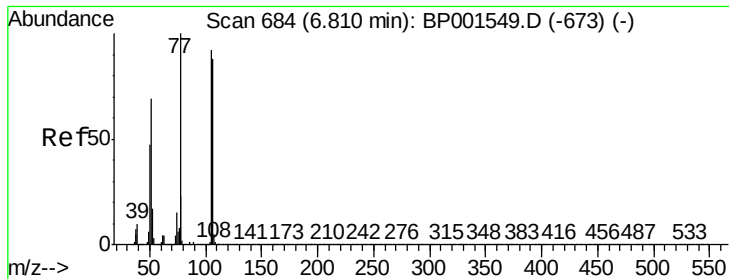


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 33.673 ng

RT: 6.79 min Scan# 680

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

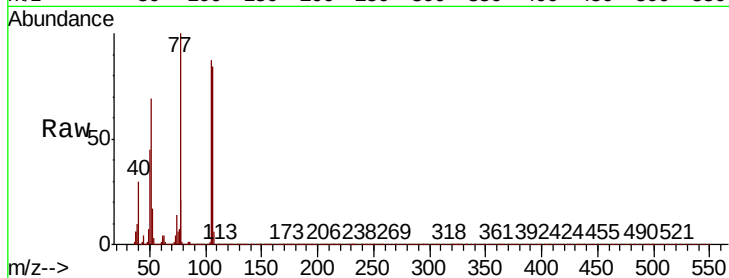
Tot Ion: 77 Resp: 58292

Ion Ratio Lower Upper

77 100

105 87.1 71.6 111.6

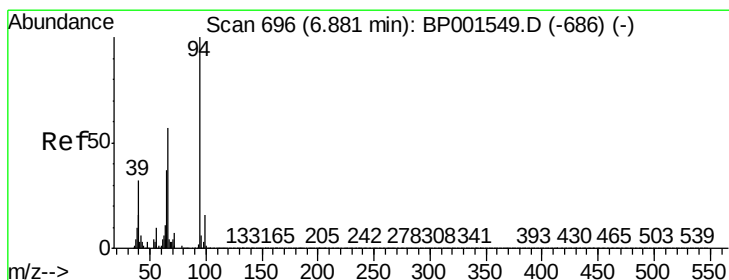
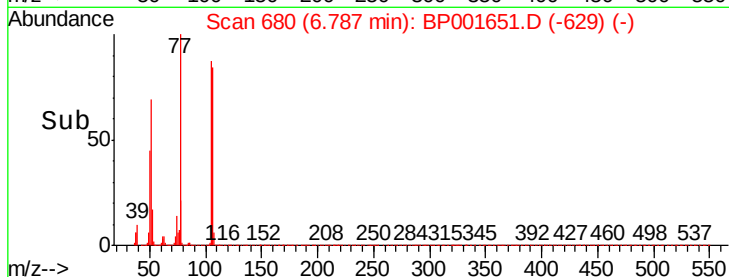
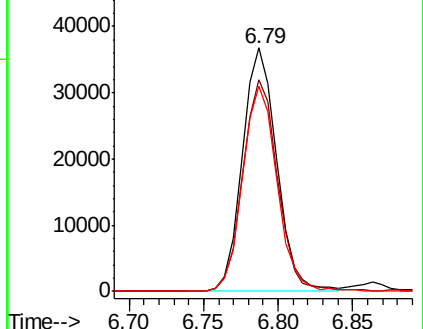
106 84.2 67.7 107.7



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 40.774 ng

RT: 6.86 min Scan# 693

Delta R.T. 0.01 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

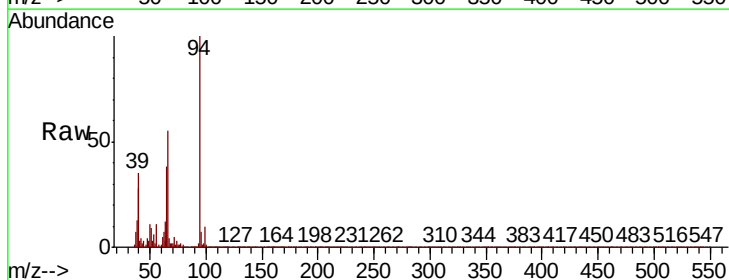
Tgt Ion: 94 Resp: 122241

Ion Ratio Lower Upper

94 100

65 37.6 17.5 57.5

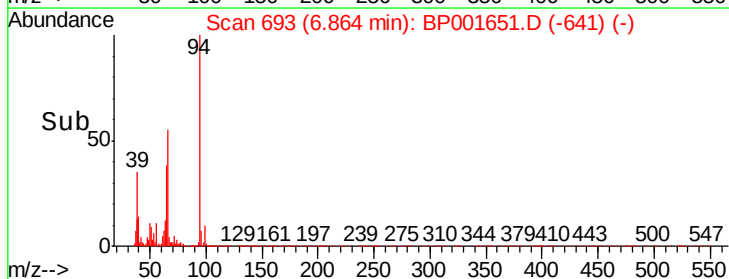
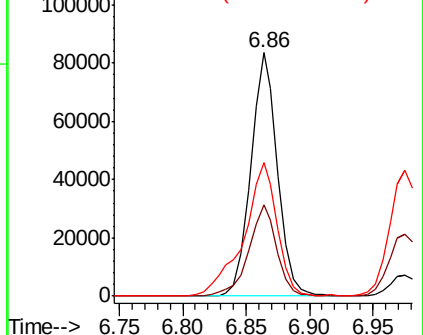
66 54.7 36.7 76.7

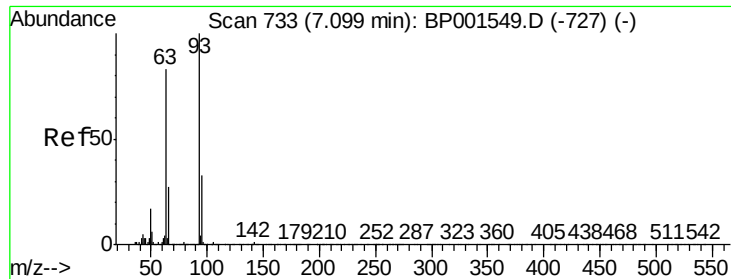


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

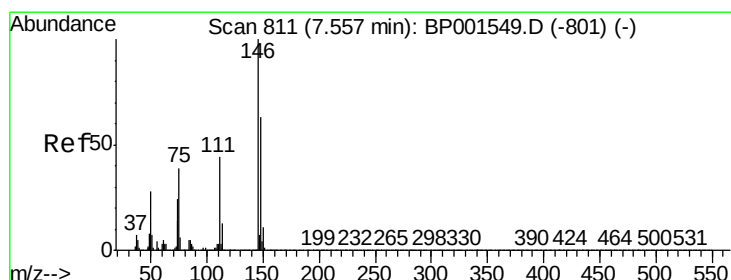
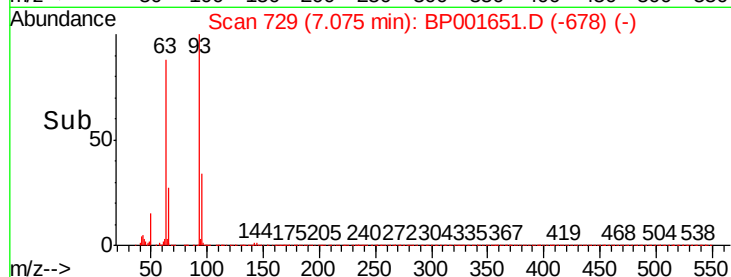
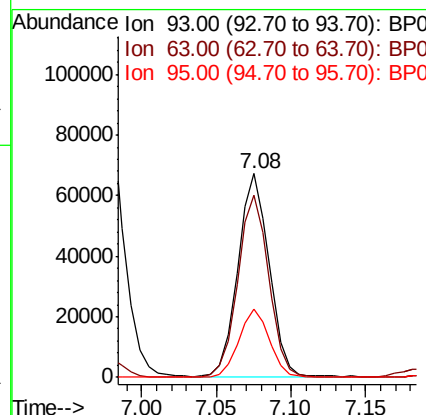
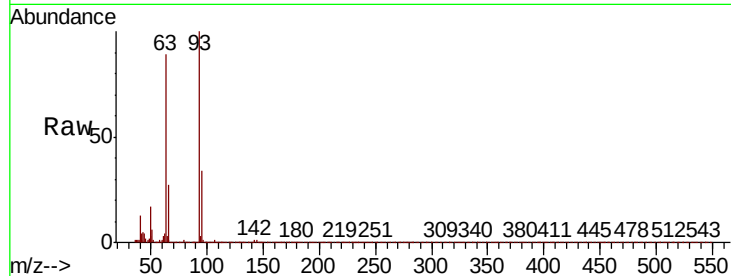




#11
bis(2-Chloroethyl)ether
Concen: 41.403 ng
RT: 7.08 min Scan# 729
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

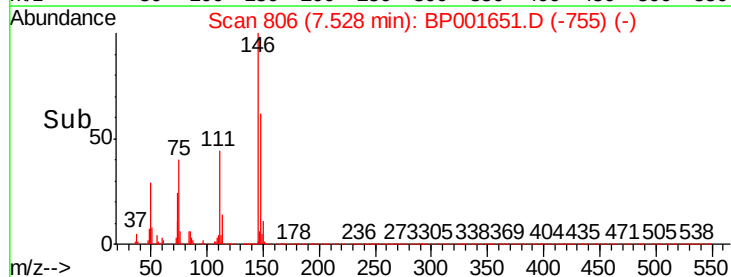
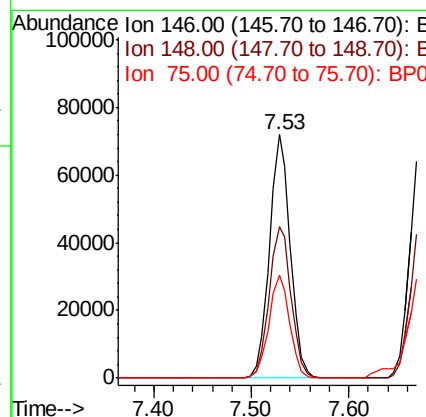
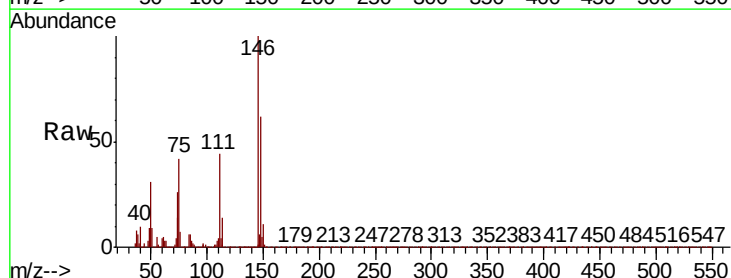
Instrument :
BNA_P
ClientSampleId :

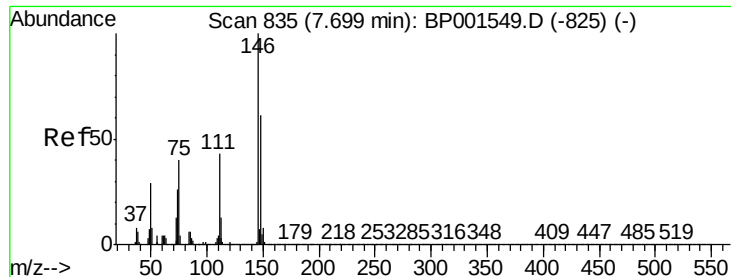
Tot Ion	93	Resp	97352
Ion Ratio	Lower	Upper	
93	100		
63	89.3	63.2	103.2
95	33.7	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 40.548 ng
RT: 7.53 min Scan# 806
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion	146	Resp	107907
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.2	75.2
75	42.1	31.1	46.7





#13

1,4-Dichlorobenzene

Concen: 39.727 ng

RT: 7.68 min Scan# 831

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampled :

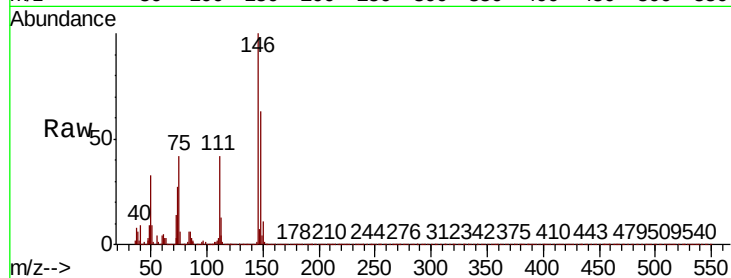
Tot Ion:146 Resp: 109319

Ion Ratio Lower Upper

146 100

148 63.2 48.6 73.0

111 41.7 34.3 51.5

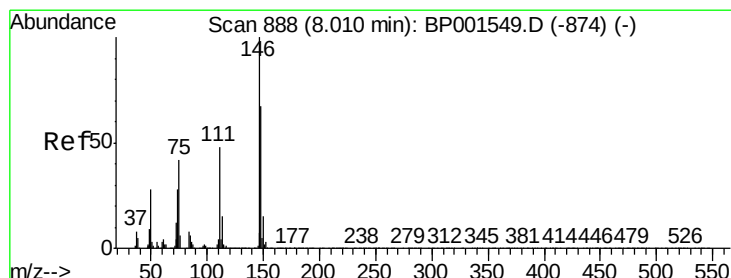
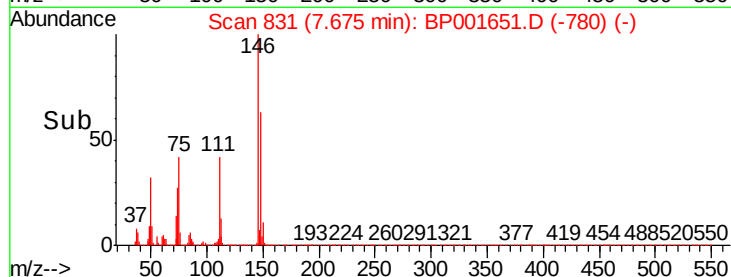
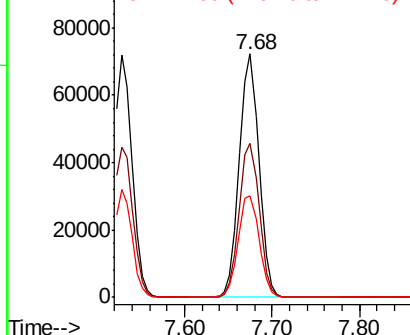


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.804 ng

RT: 7.99 min Scan# 884

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

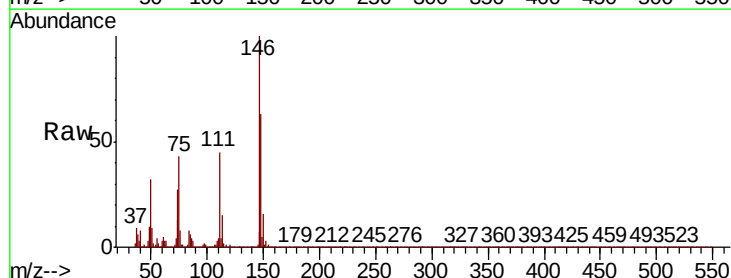
Tgt Ion:146 Resp: 105850

Ion Ratio Lower Upper

146 100

148 62.8 53.9 80.9

111 44.7 38.2 57.4

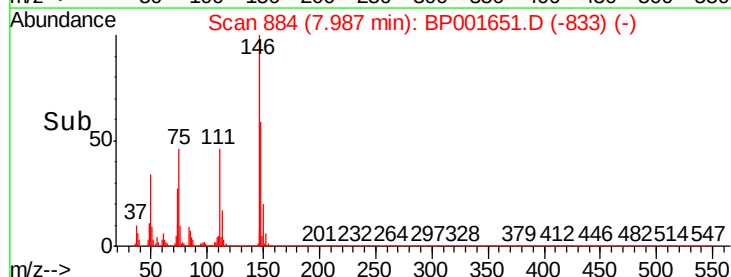
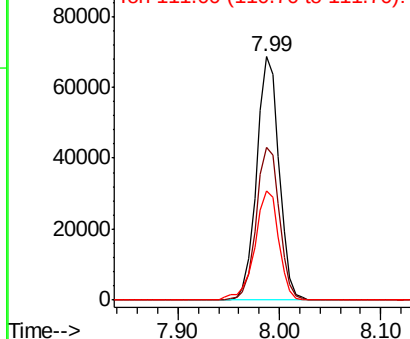


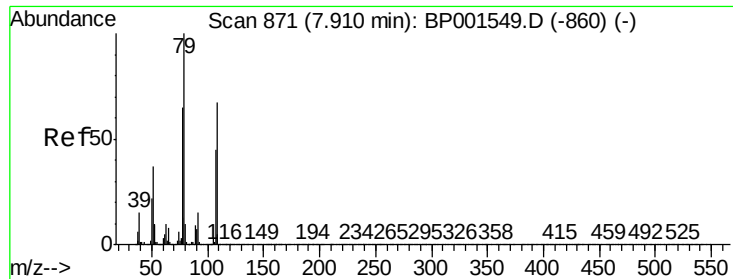
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

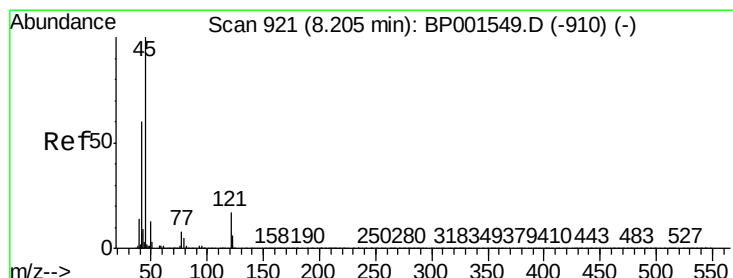
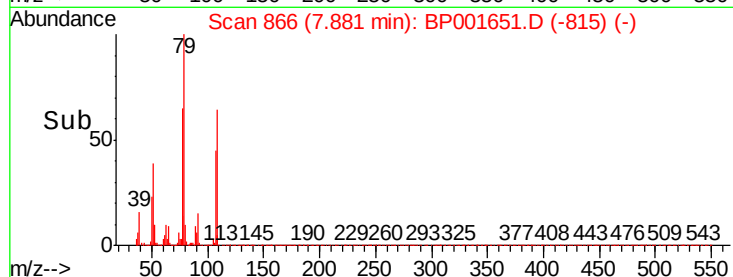
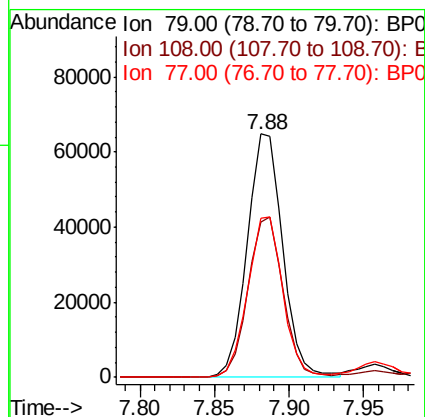
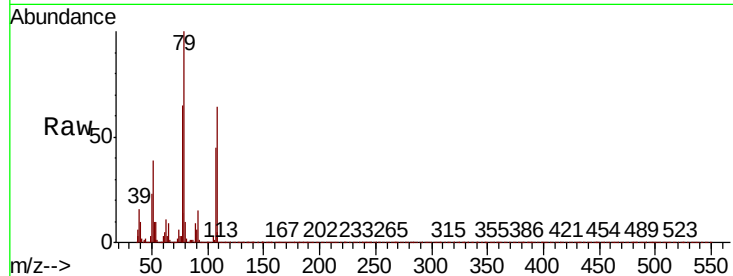




#15
Benzyl Alcohol
Concen: 39.001 ng
RT: 7.88 min Scan# 866
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

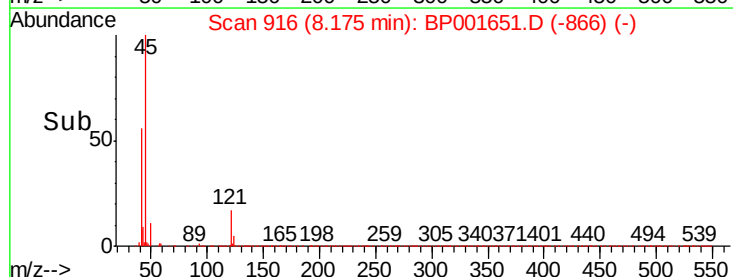
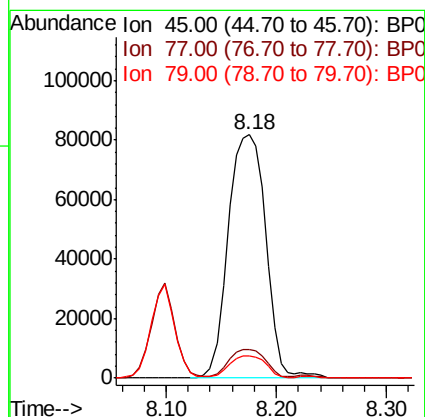
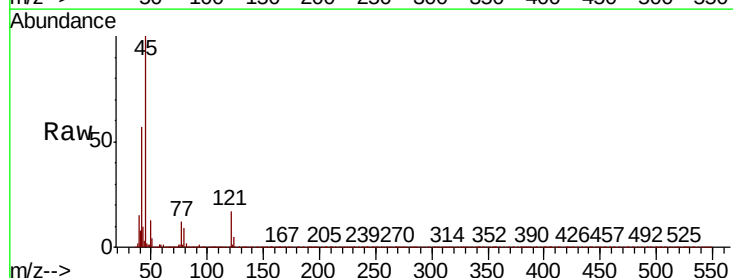
Instrument :
BNA_P
ClientSampleId :

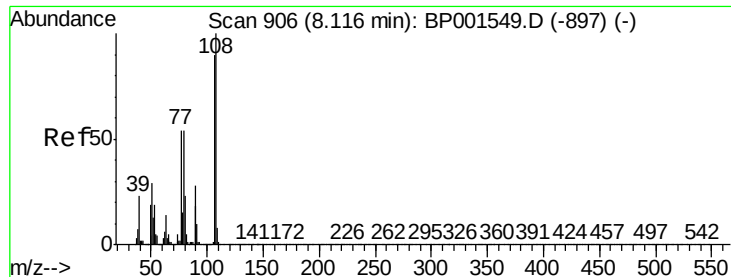
Tot Ion: 79 Resp: 106447
Ion Ratio Lower Upper
79 100
108 63.8 53.2 79.8
77 65.1 52.1 78.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.669 ng
RT: 8.18 min Scan# 916
Delta R.T. -0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion: 45 Resp: 195117
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.6
79 9.2 0.0 29.3





#17

2-Methylphenol

Concen: 41.052 ng

RT: 8.10 min Scan# 903

Delta R.T. 0.01 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 85453

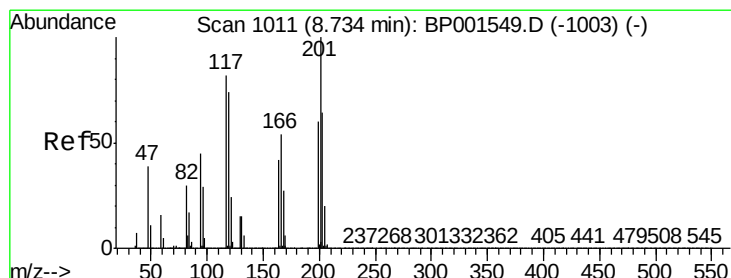
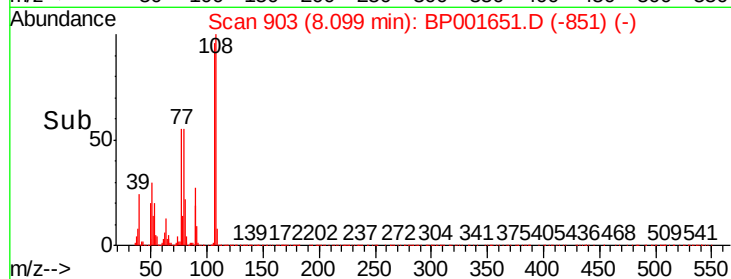
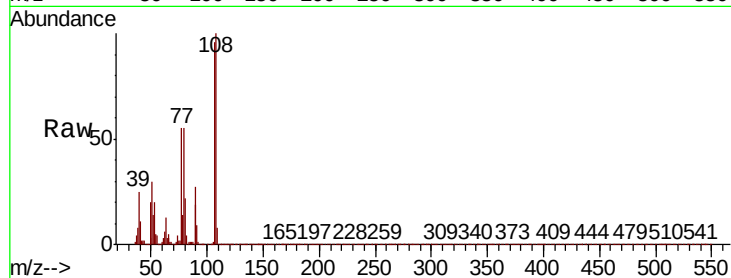
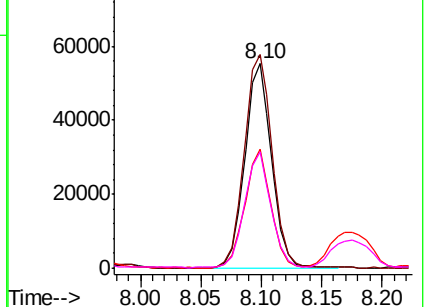
Ion	Ratio	Lower	Upper
107	100		
108	104.3	89.2	133.8
77	57.9	47.9	71.9
79	57.1	48.3	72.5

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



#18

Hexachloroethane

Concen: 40.849 ng

RT: 8.71 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

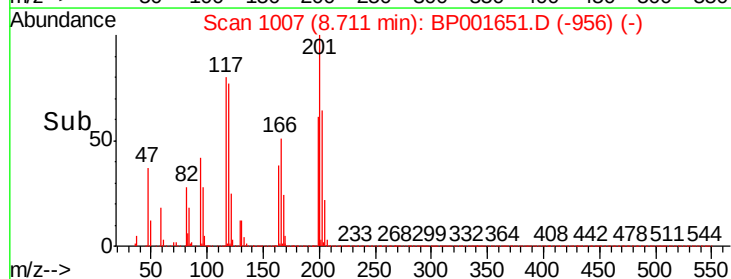
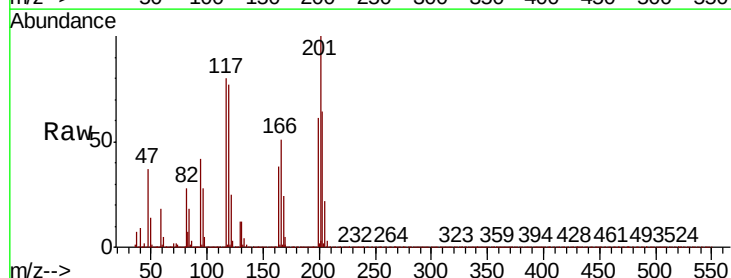
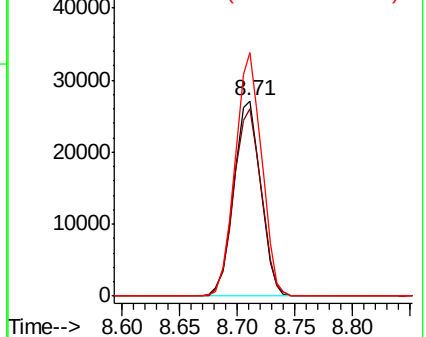
Tgt Ion:117 Resp: 43882

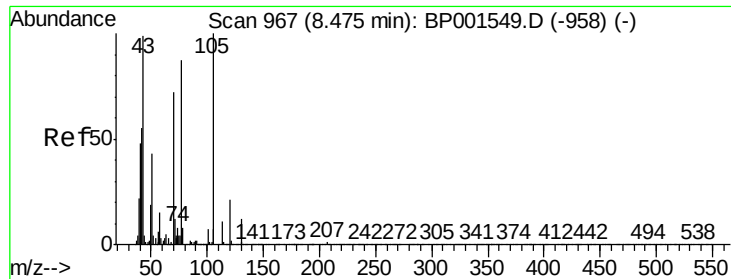
Ion	Ratio	Lower	Upper
117	100		
119	95.7	71.8	107.8
201	124.6	97.6	146.4

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

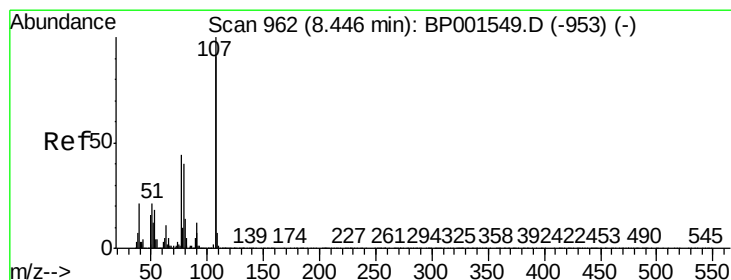
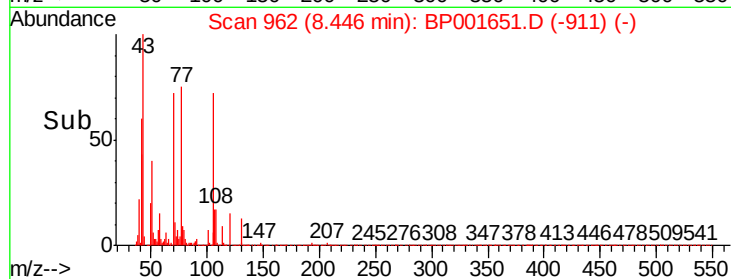
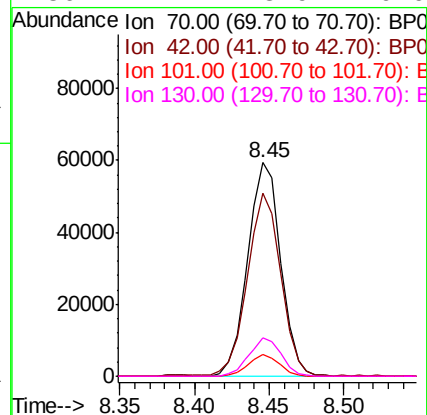
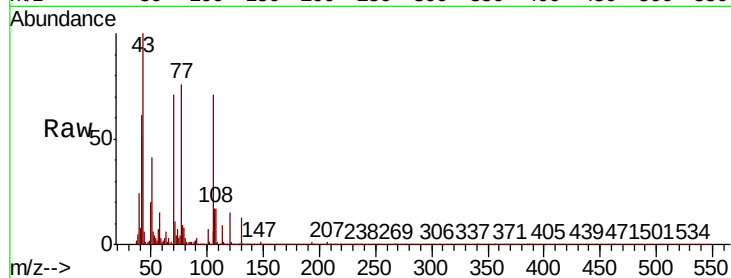




#19
n-Nitroso-di-n-propylamine
Concen: 40.835 ng
RT: 8.45 min Scan# 962
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

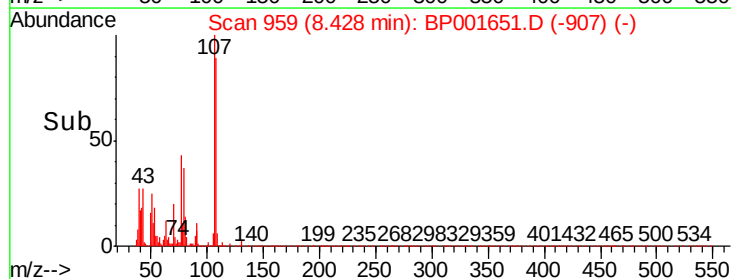
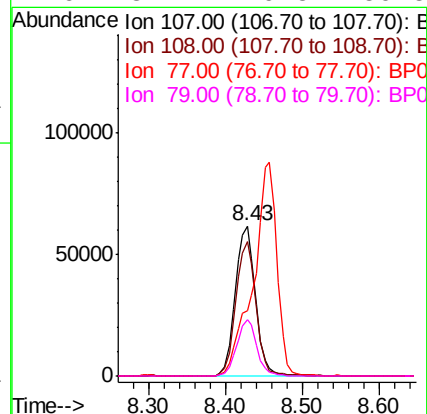
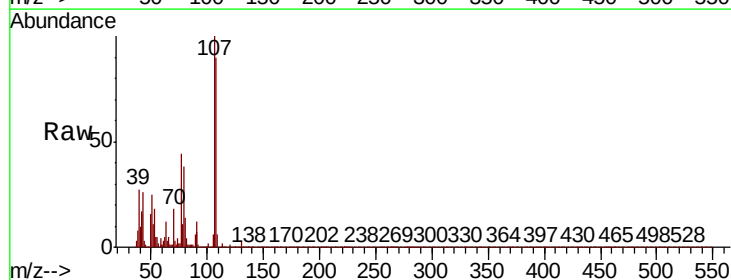
Instrument :
BNA_P
ClientSampleId :

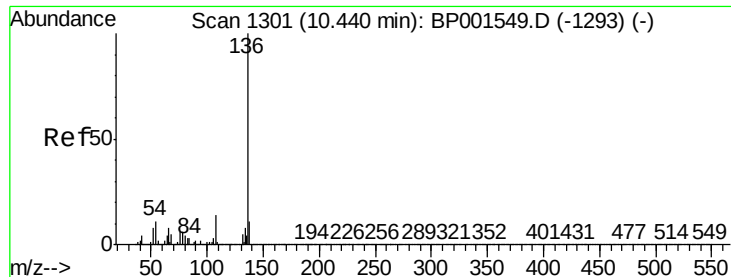
Tot Ion:	70	Resp:	90227
Ion	Ratio	Lower	Upper
70	100		
42	85.6	62.3	93.5
101	10.2	7.3	10.9
130	17.7	13.9	20.9



#20
3+4-Methylphenols
Concen: 38.800 ng
RT: 8.43 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion:	107	Resp:	112970
Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.2	111.2
77	43.6	24.4	64.4
79	37.7	19.5	59.5

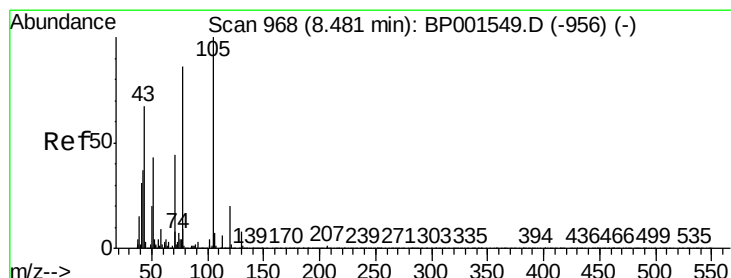
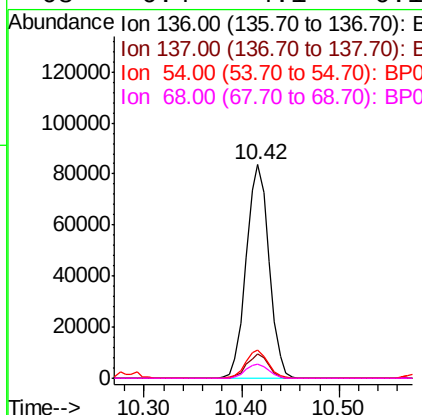
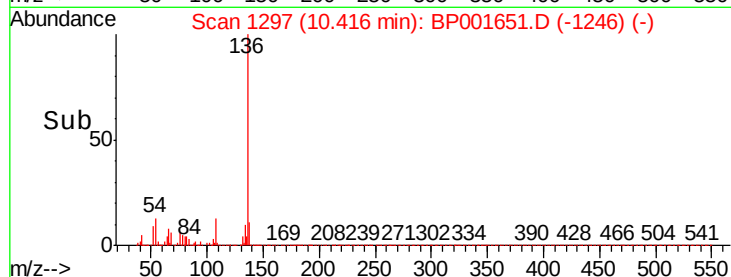
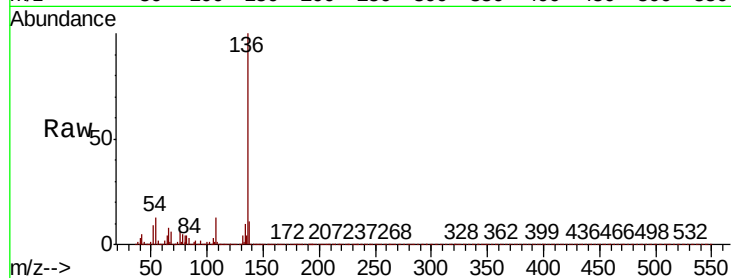




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

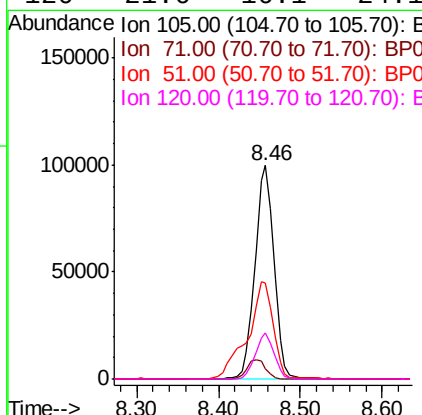
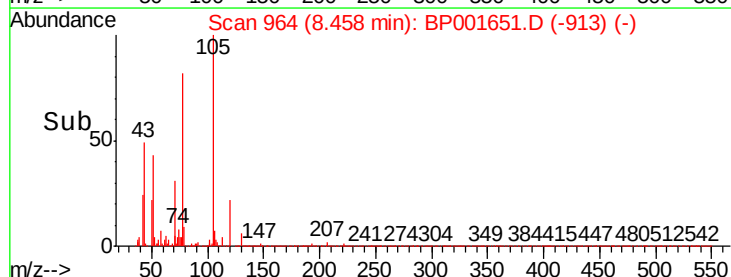
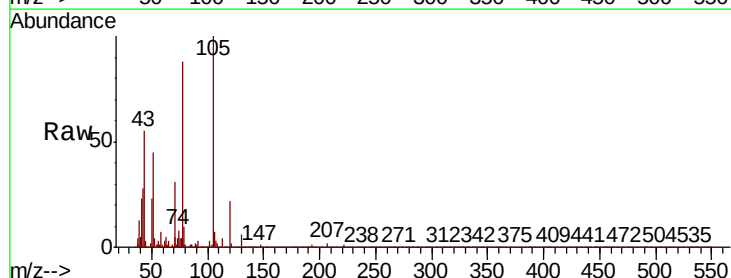
Instrument :
BNA_P
ClientSampleId :

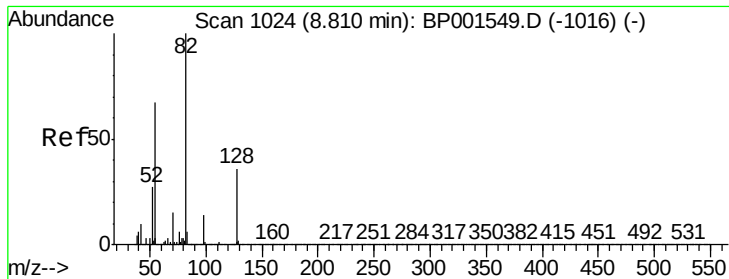
Tot Ion:136	Resp:	137065	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.6	12.8	
54 13.5	9.2	13.8	
68 6.4	4.1	6.1#	



#22
Acetophenone
Concen: 42.194 ng
RT: 8.46 min Scan# 964
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt	Ion:105	Resp:	162121
Ion	Ratio	Lower	Upper
105	100		
71	5.1	6.6	10.0#
51	45.0	34.1	51.1
120	21.6	16.1	24.1

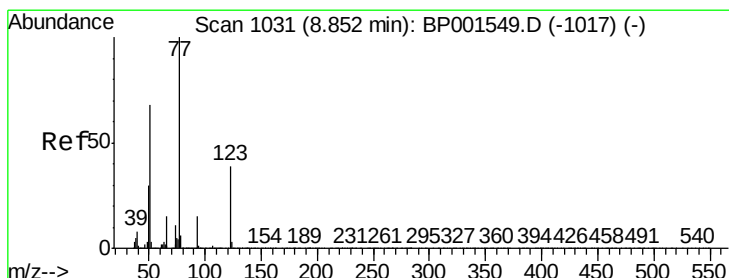
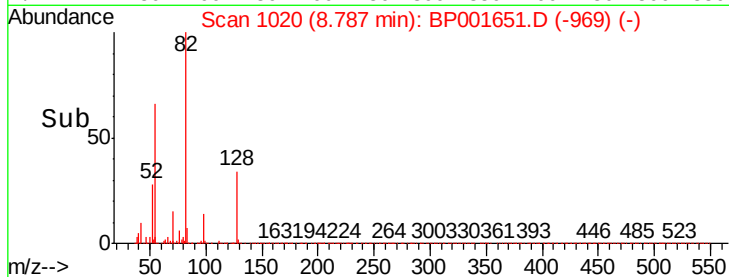
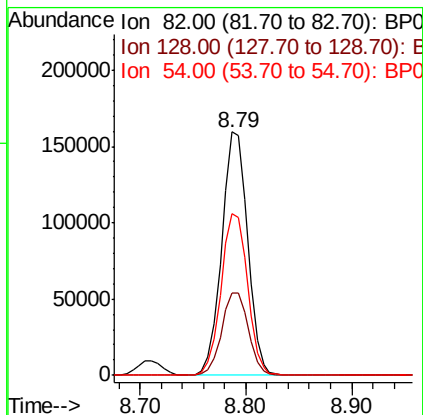
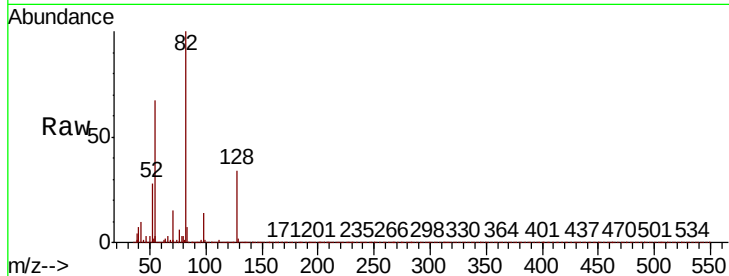




#23
 Nitrobenzene-d5
 Concen: 86.617 ng
 RT: 8.79 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BP001651.D
 Acq: 17 Jan 2020 11:29

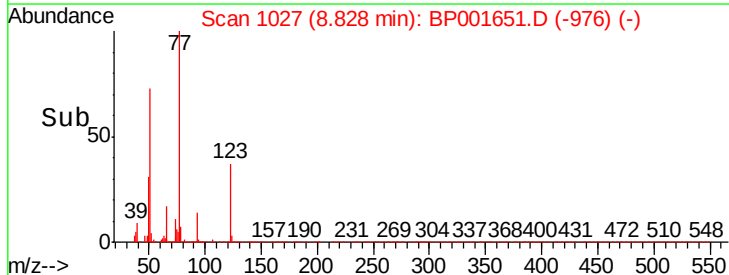
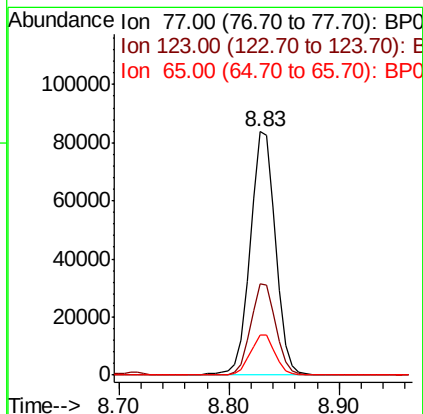
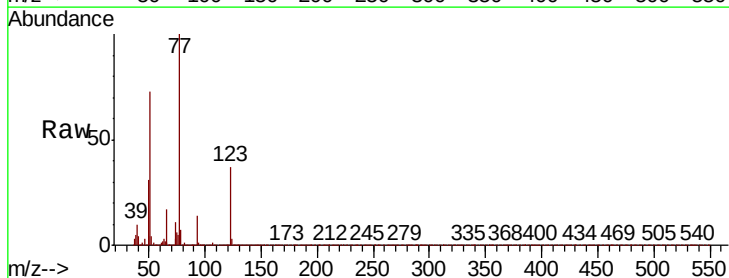
Instrument :
 BNA_P
 ClientSampleId :

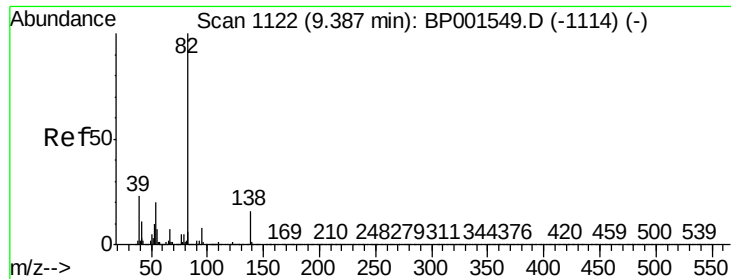
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	28.4	42.6
54	66.5	53.4	80.2



#24
 Nitrobenzene
 Concen: 42.443 ng
 RT: 8.83 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BP001651.D
 Acq: 17 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.3	31.1	46.7
65	16.7	12.4	18.6





#25

Isophorone

Concen: 43.174 ng

RT: 9.36 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

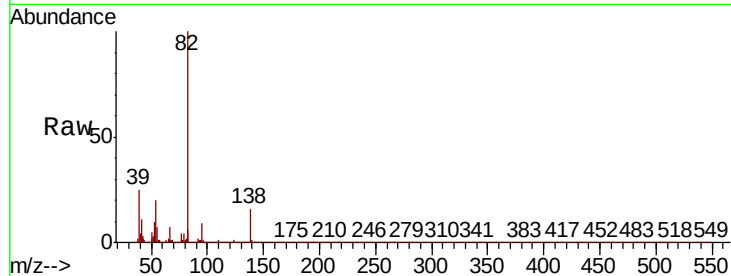
Tot Ion: 82 Resp: 242848

Ion Ratio Lower Upper

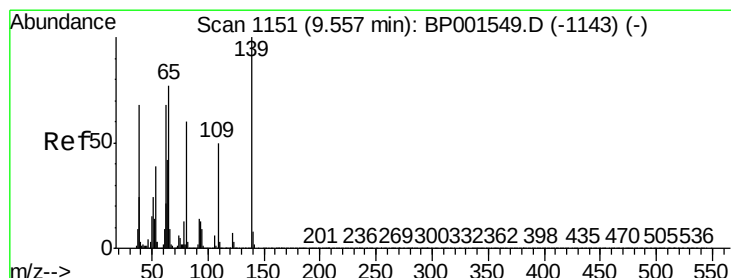
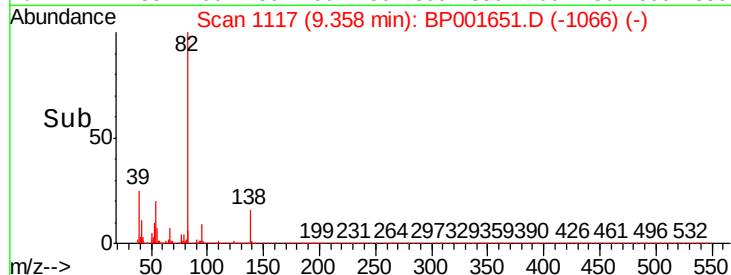
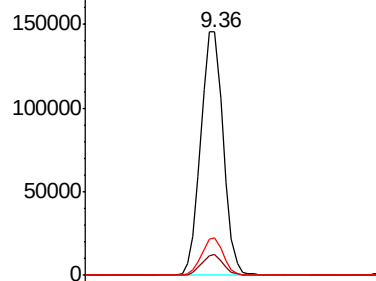
82 100

95 8.7 6.7 10.1

138 15.6 12.5 18.7



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 43.118 ng

RT: 9.54 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

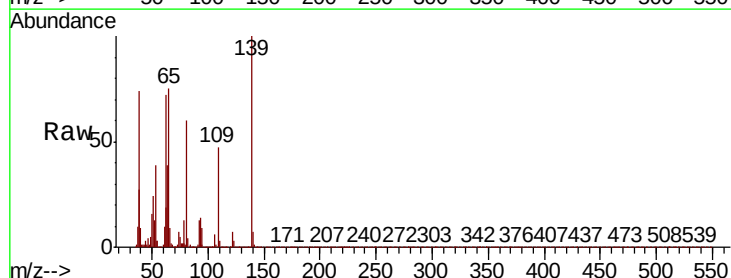
Tgt Ion: 139 Resp: 51709

Ion Ratio Lower Upper

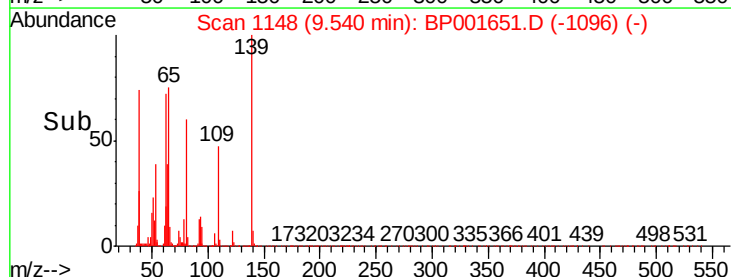
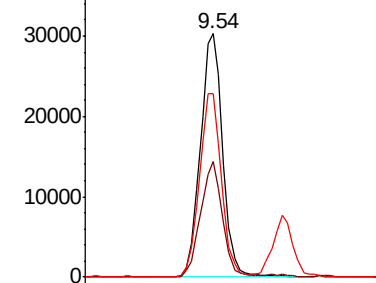
139 100

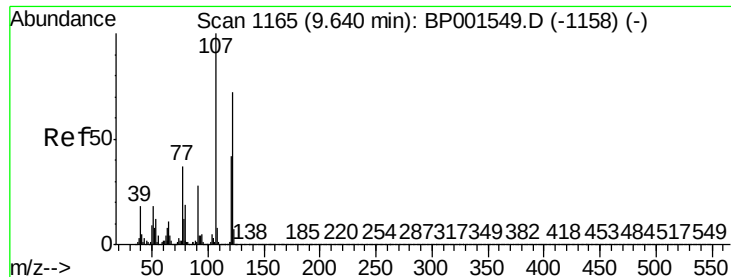
109 47.5 39.6 59.4

65 75.2 61.3 91.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 41.014 ng

RT: 9.62 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

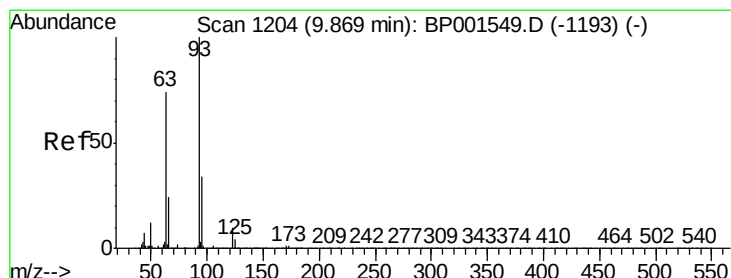
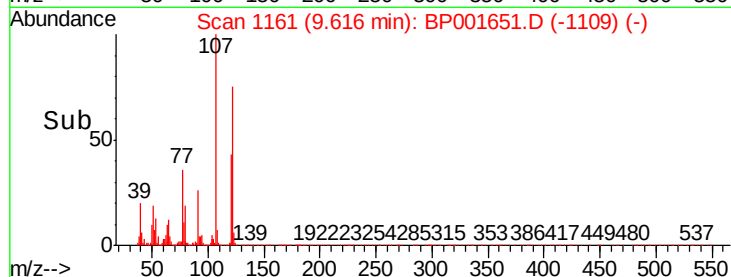
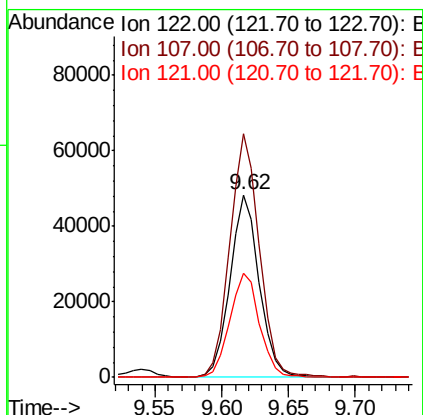
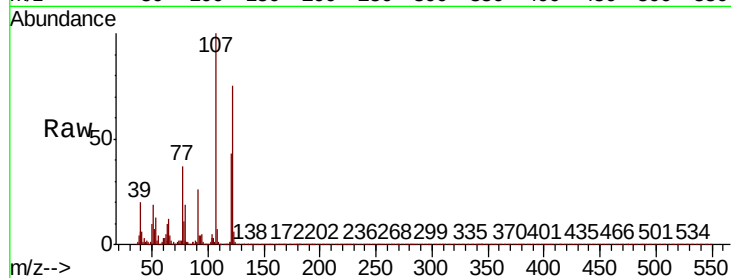
Tot Ion:122 Resp: 73481

Ion Ratio Lower Upper

122 100

107 133.5 111.8 167.6

121 57.1 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.144 ng

RT: 9.85 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

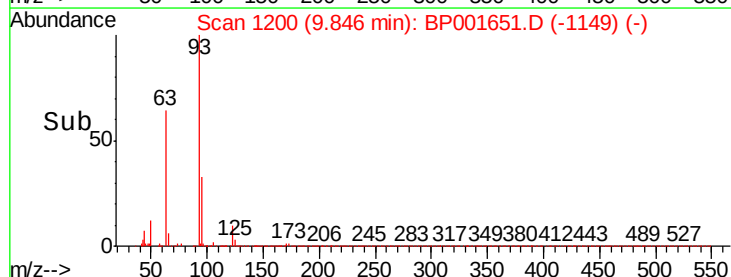
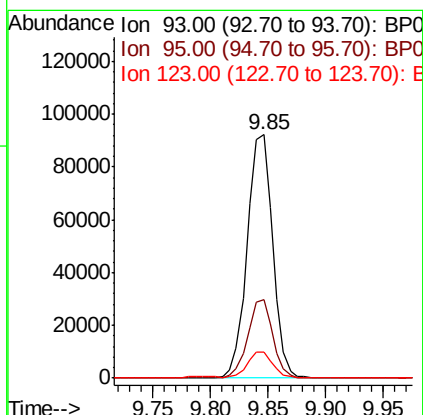
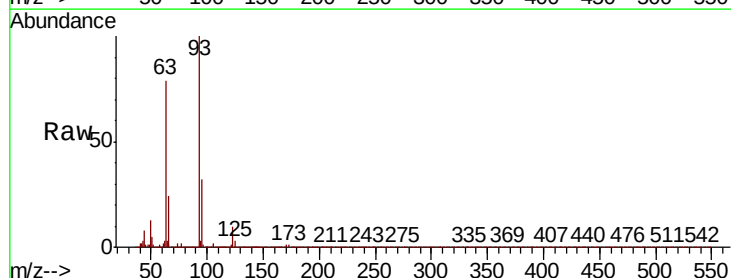
Tgt Ion: 93 Resp: 142165

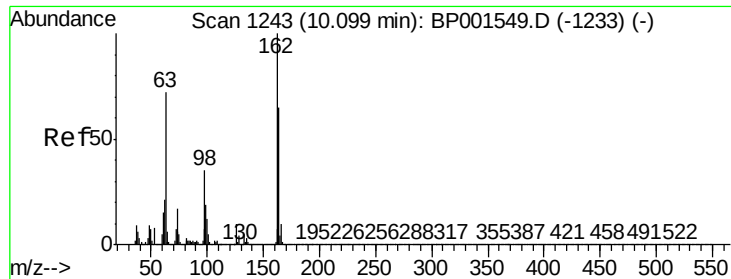
Ion Ratio Lower Upper

93 100

95 32.4 26.9 40.3

123 10.5 8.0 12.0

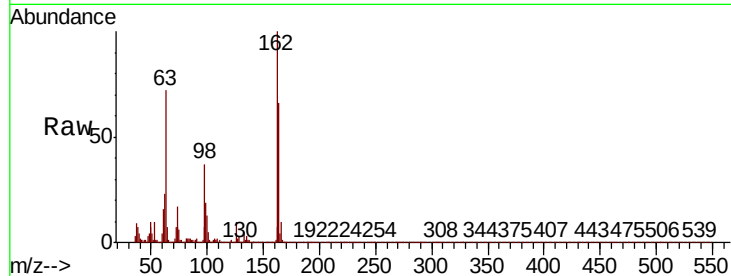




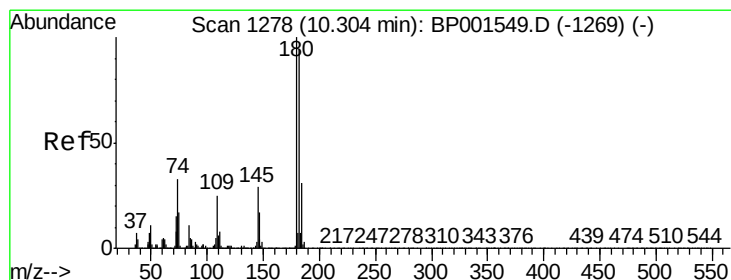
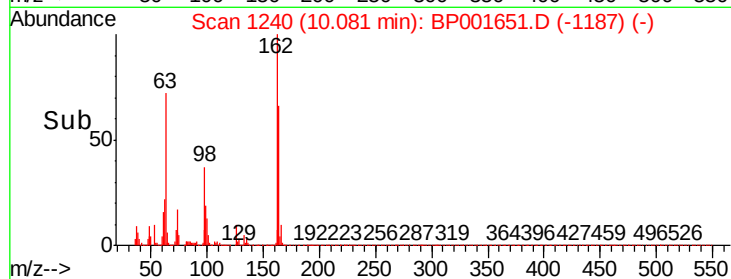
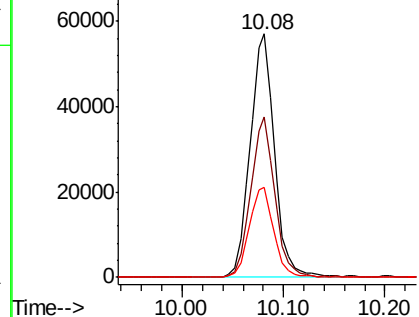
#29
2,4-Dichlorophenol
Concen: 38.619 ng
RT: 10.08 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.9	84.9
98	37.2	14.9	54.9

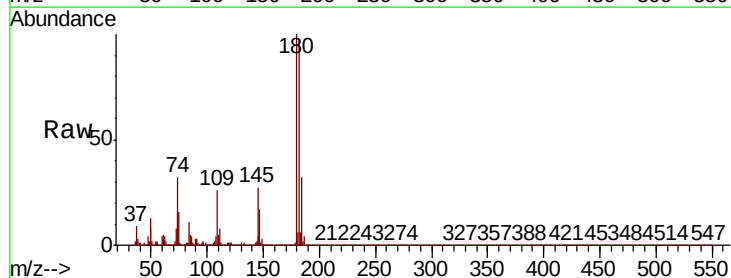


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BP0

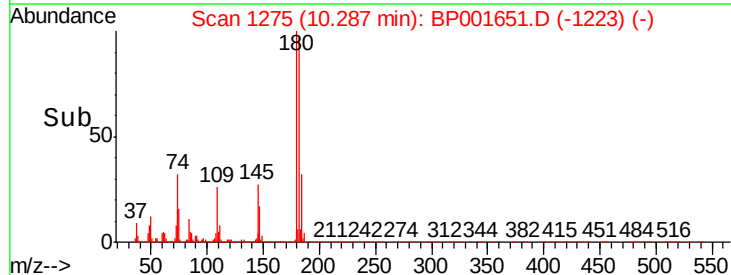
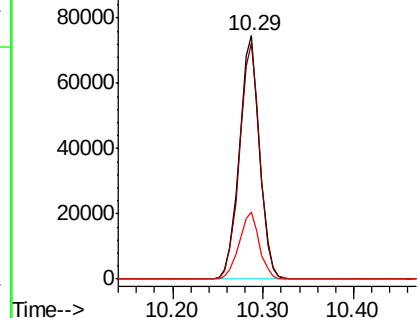


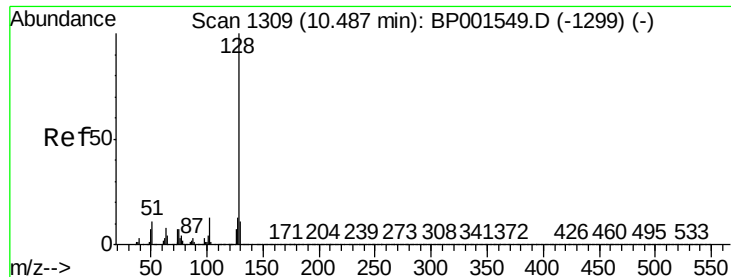
#30
1,2,4-Trichlorobenzene
Concen: 39.281 ng
RT: 10.29 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.2	112.8
145	27.5	22.9	34.3



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

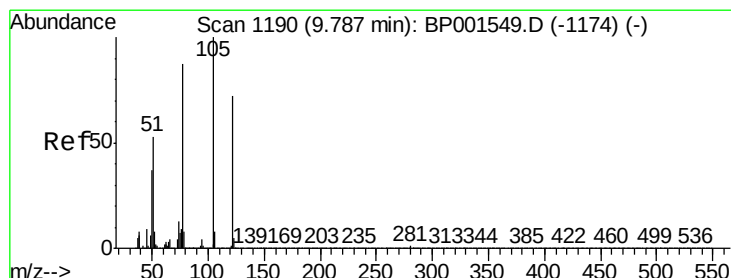
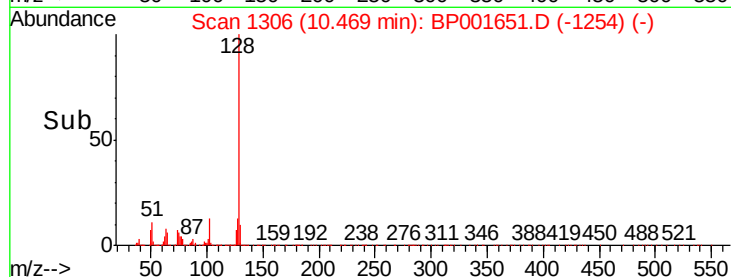
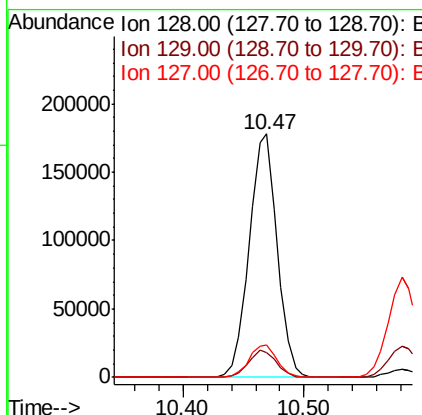
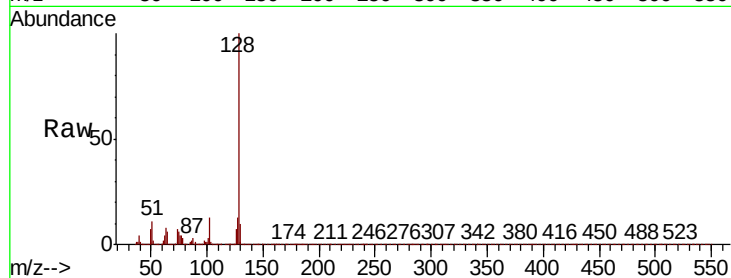




#31
Naphthalene
Concen: 39.629 ng
RT: 10.47 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

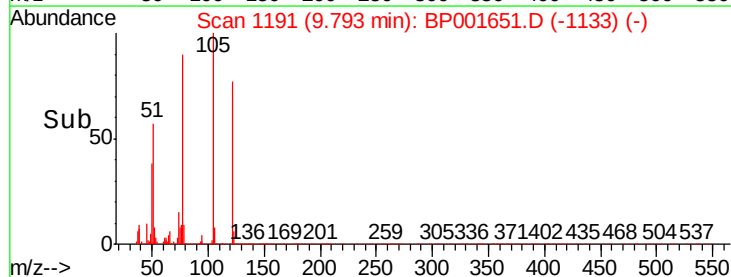
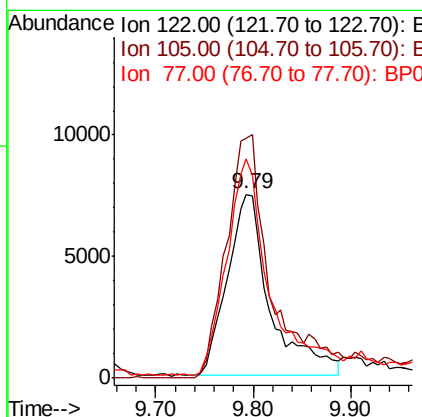
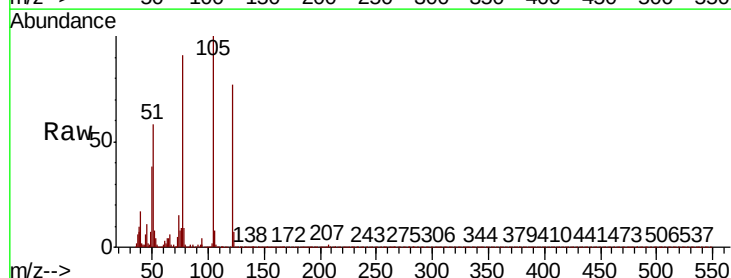
Instrument :
BNA_P
ClientSampleId :

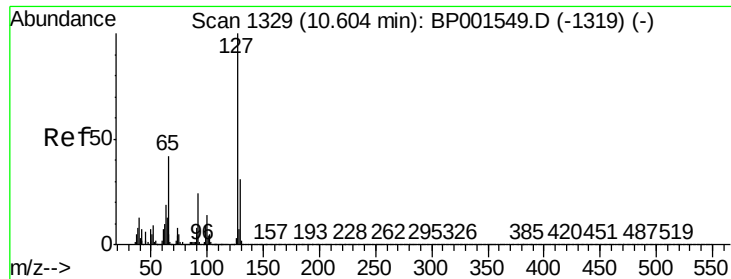
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.9	13.3
127	13.4	10.6	16.0



#32
Benzoic acid
Concen: 17.549 ng
RT: 9.79 min Scan# 1191
Delta R.T. 0.04 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.4	119.5	159.5
77	118.9	102.8	142.8

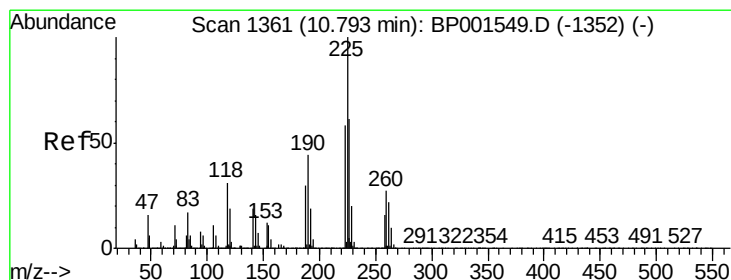
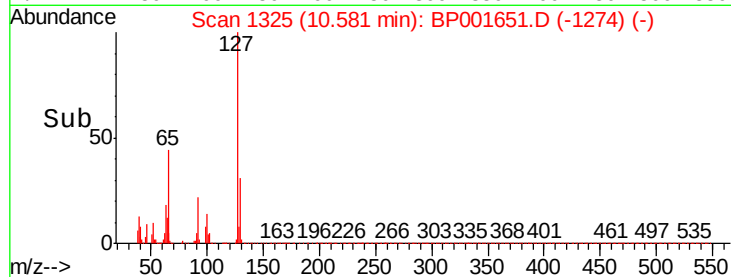
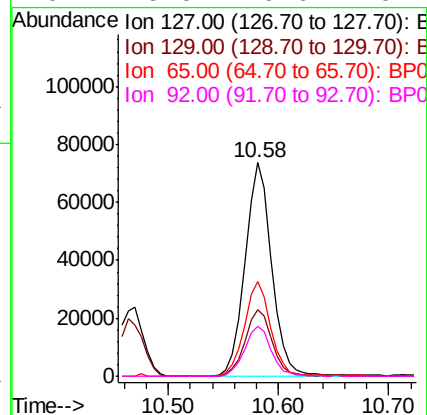
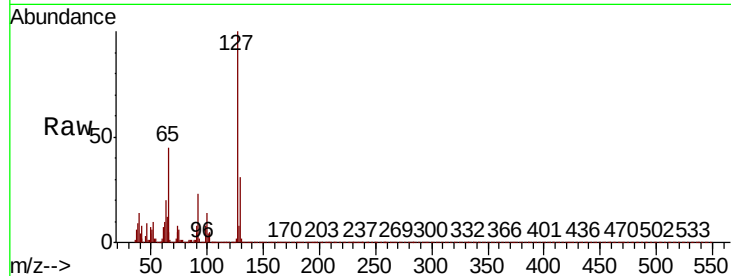




#33
4-Chloroaniline
Concen: 37.467 ng
RT: 10.58 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

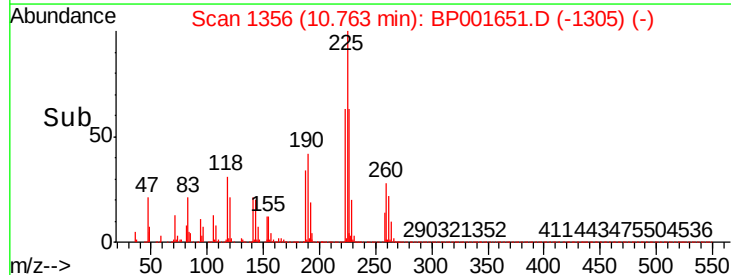
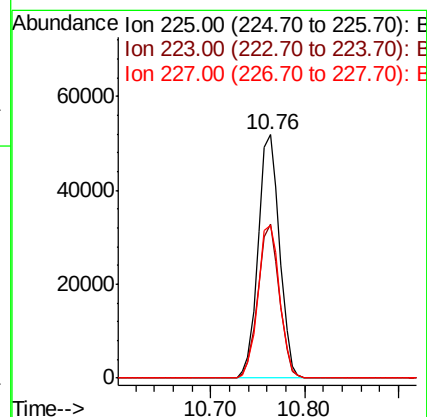
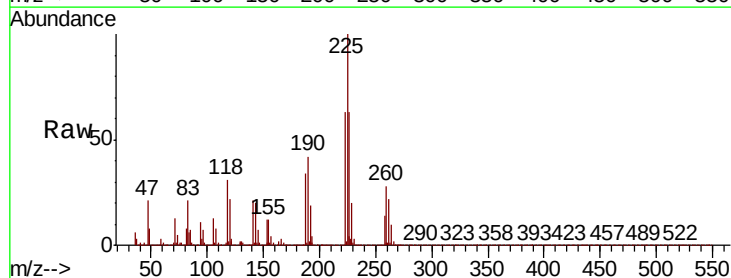
Instrument :
BNA_P
ClientSampled :

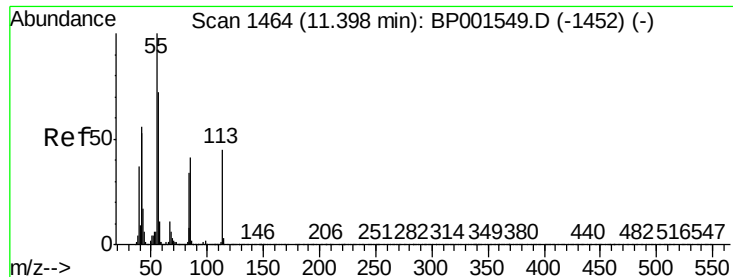
Tot Ion:	127	Resp:	124790
Ion	Ratio	Lower	Upper
127	100		
129	31.0	24.9	37.3
65	44.6	33.3	49.9
92	23.3	19.6	29.4



#34
Hexachlorobutadiene
Concen: 38.983 ng
RT: 10.76 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion:	225	Resp:	81696
Ion	Ratio	Lower	Upper
225	100		
223	63.3	46.5	69.7
227	62.9	48.8	73.2

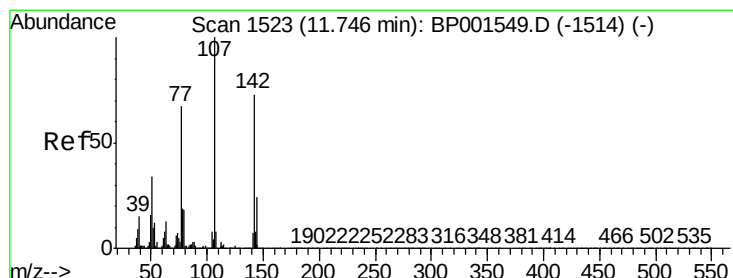
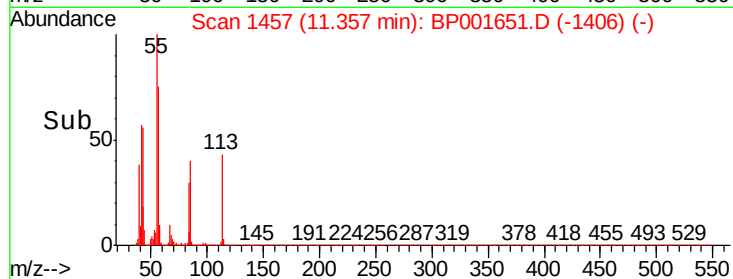
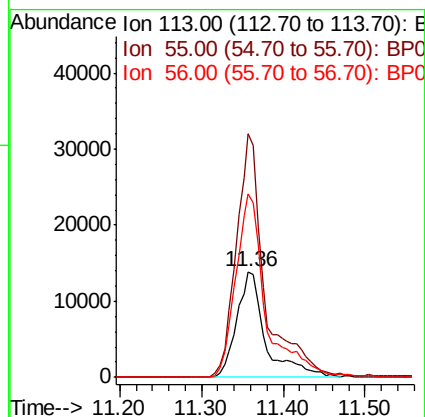
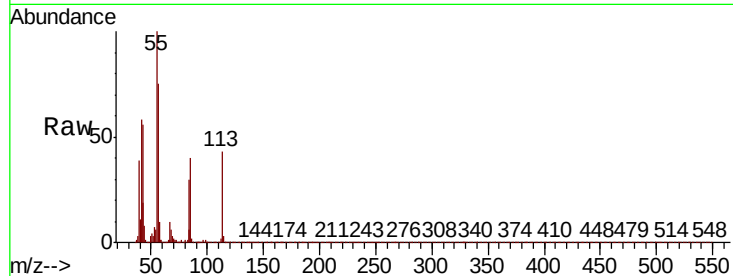




#35
 Caprolactam
 Concen: 38.134 ng
 RT: 11.36 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BP001651.D
 Acq: 17 Jan 2020 11:29

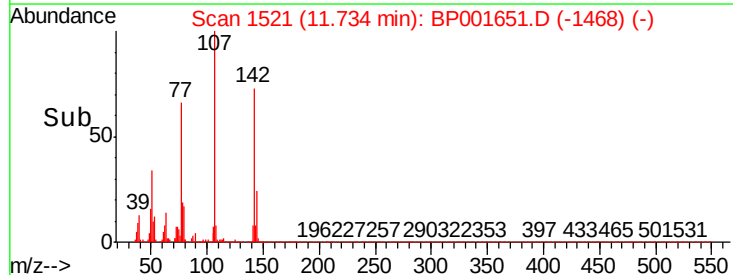
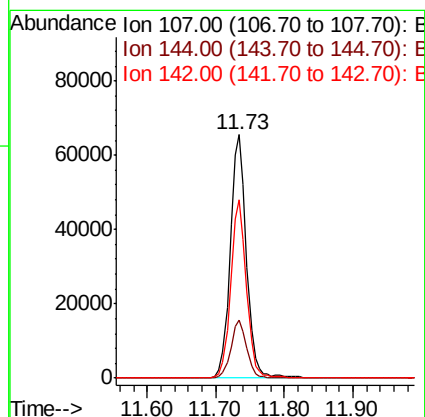
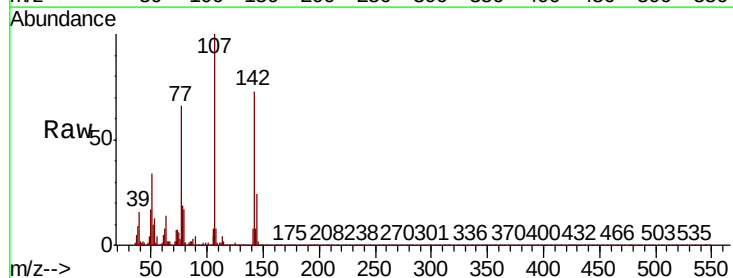
Instrument :
 BNA_P
 ClientSampleId :

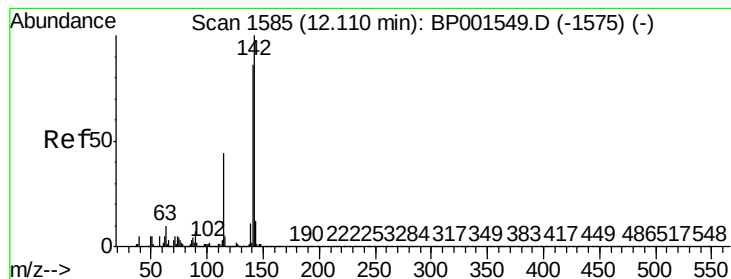
Tot Ion:113 Resp: 33959
 Ion Ratio Lower Upper
 113 100
 55 230.1 202.7 242.7
 56 173.2 140.0 180.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.625 ng
 RT: 11.73 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BP001651.D
 Acq: 17 Jan 2020 11:29

Tgt Ion:107 Resp: 107790
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.9 28.3
 142 73.2 58.0 87.0





#37

2-Methylnaphthalene

Concen: 37.282 ng

RT: 12.09 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

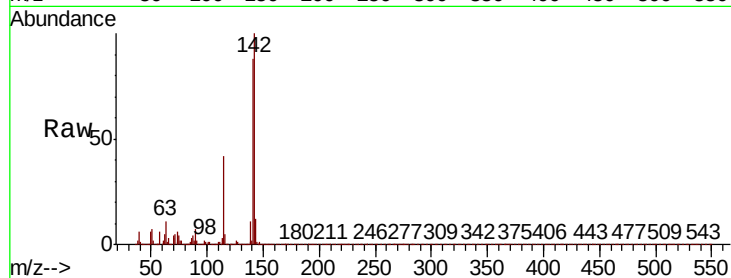
Tot Ion:142 Resp: 214931

Ion Ratio Lower Upper

142 100

141 88.5 68.4 102.6

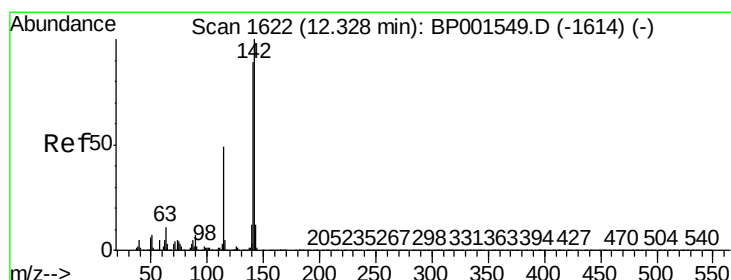
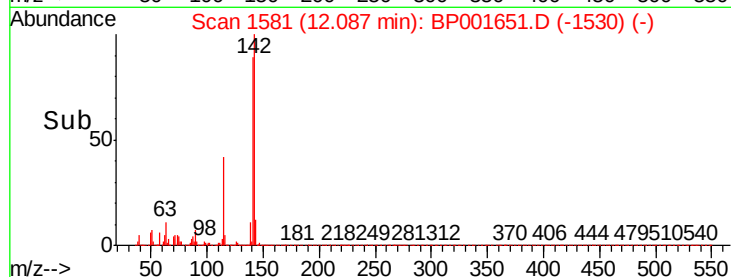
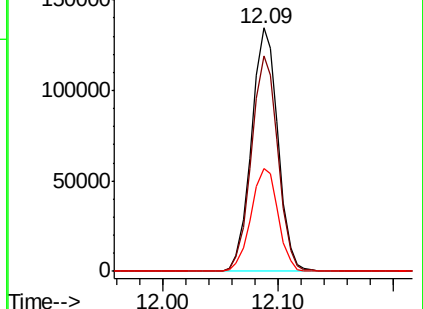
115 42.3 35.1 52.7



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: 36.902 ng

RT: 12.31 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

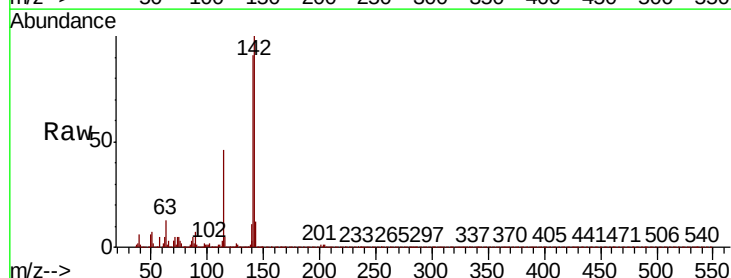
Tgt Ion:142 Resp: 204725

Ion Ratio Lower Upper

142 100

141 91.3 70.9 106.3

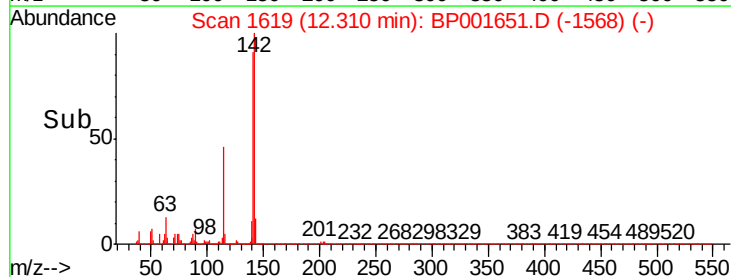
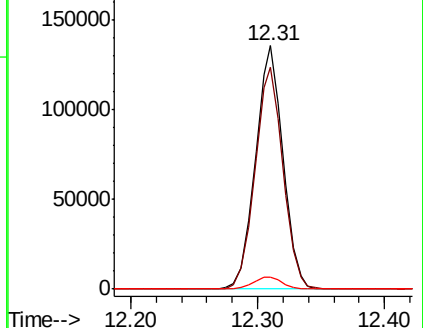
116 4.9 4.1 6.1

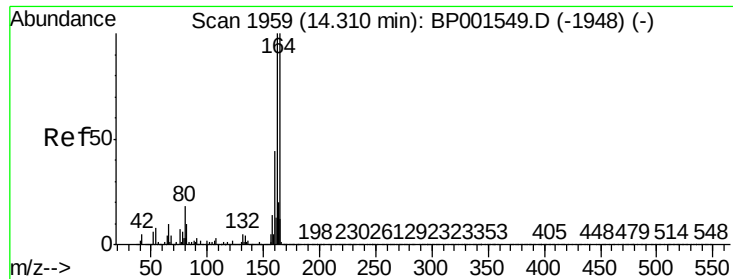


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.29 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

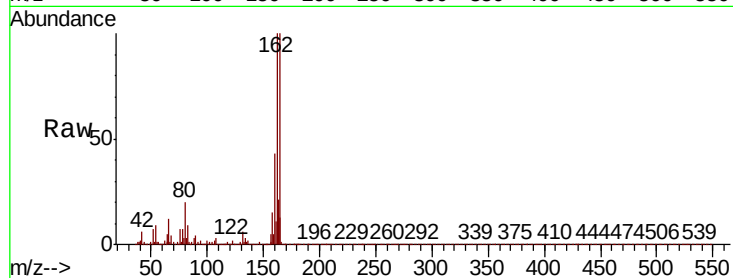
Tot Ion:164 Resp: 99682

Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.6

160 42.6 35.0 52.6

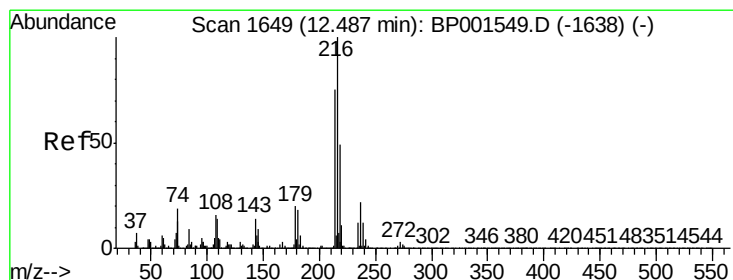
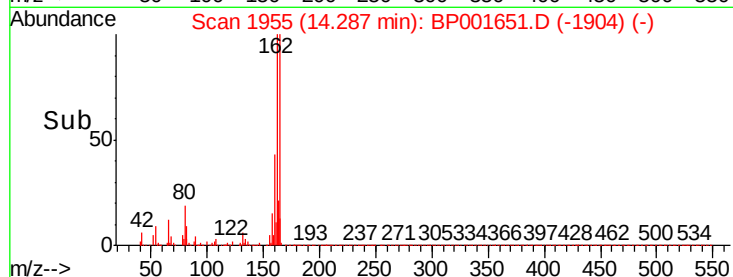
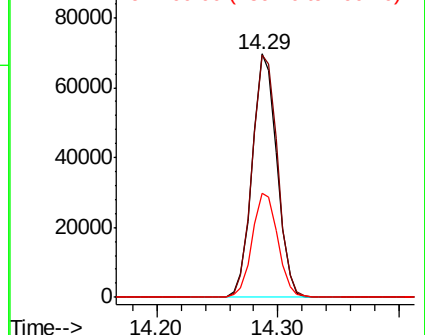


Abundance

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: 42.572 ng

RT: 12.46 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Tgt Ion:216 Resp: 145370

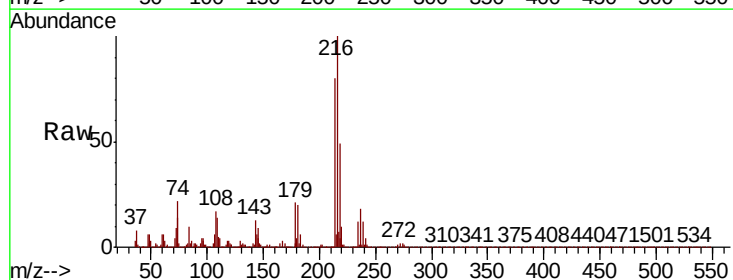
Ion Ratio Lower Upper

216 100

214 78.8 61.3 91.9

179 20.2 15.7 23.5

108 18.7 14.2 21.4



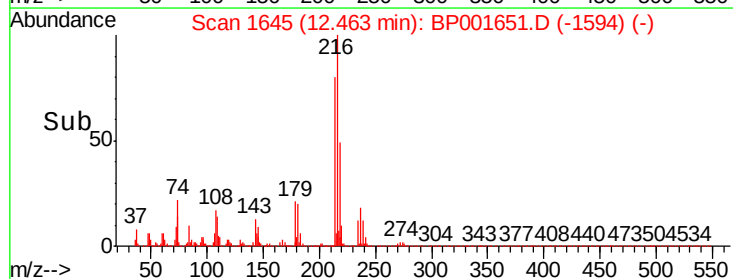
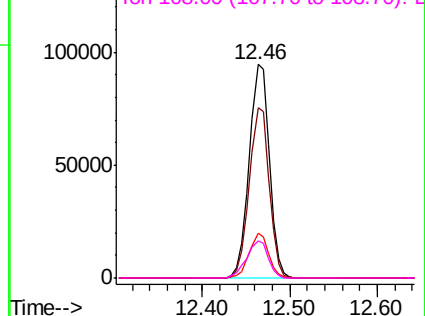
Abundance

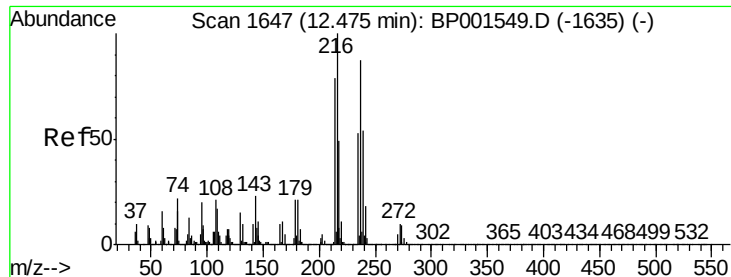
Ion 216.00 (215.70 to 216.70): E

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

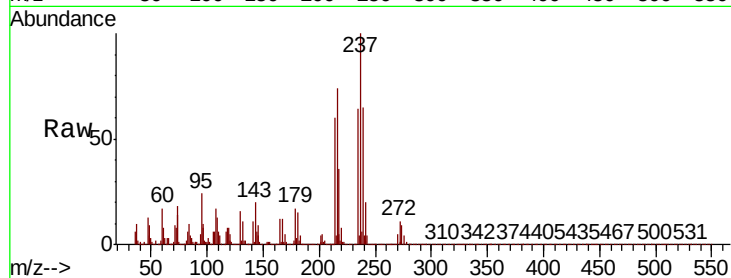




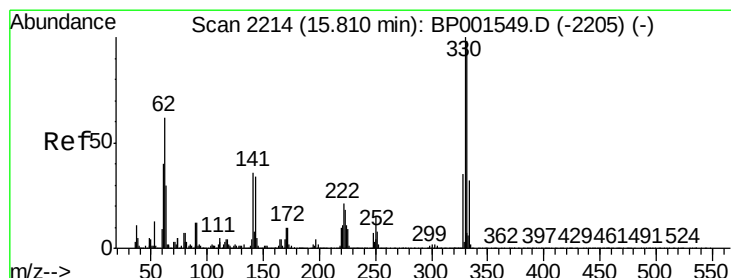
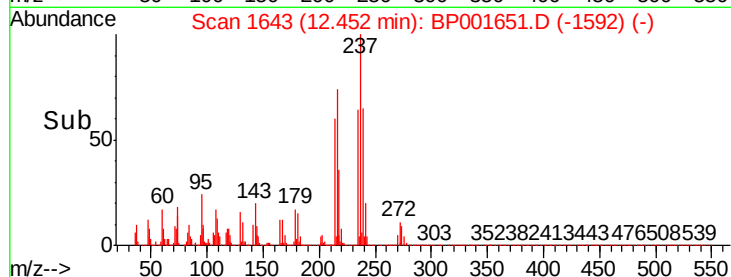
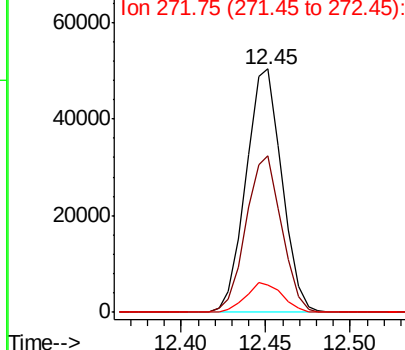
#41
Hexachlorocyclopentadiene
Concen: 42.894 ng
RT: 12.45 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion:237 Resp: 74297
Ion Ratio Lower Upper
237 100
235 64.3 41.6 81.6
272 11.2 0.0 31.2

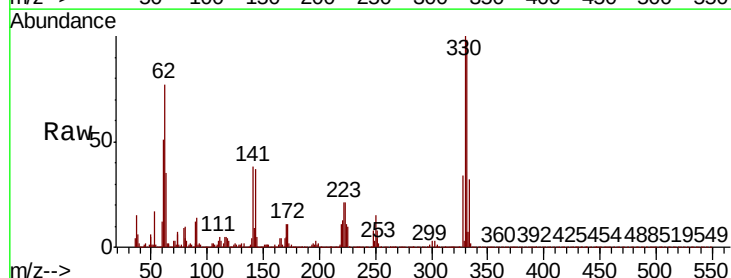


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

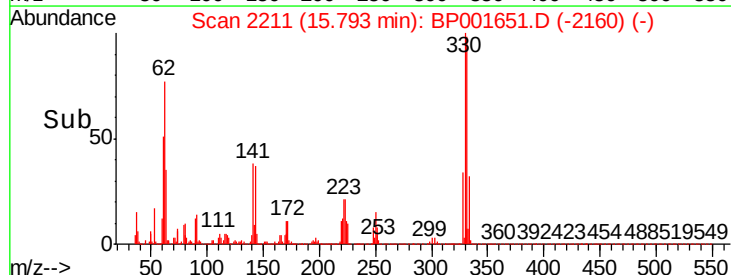
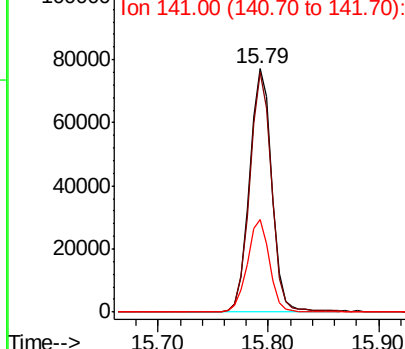


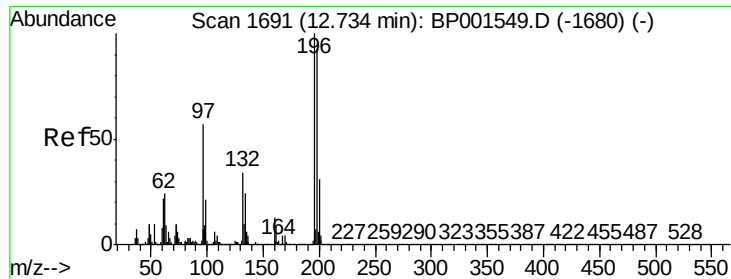
#42
2,4,6-Tribromophenol
Concen: 72.201 ng
RT: 15.79 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion:330 Resp: 109555
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.6
141 38.0 28.7 43.1



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

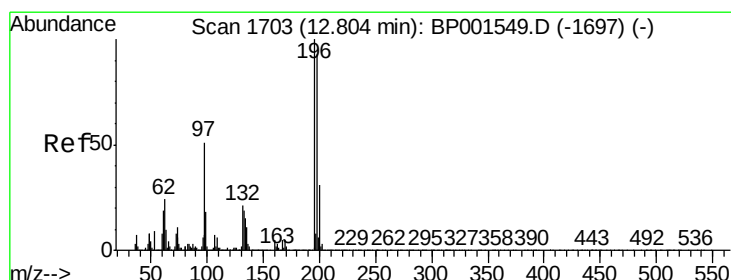
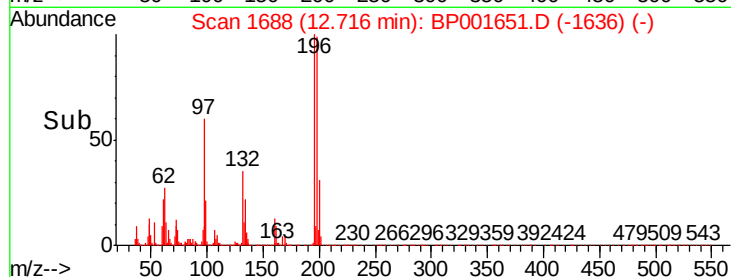
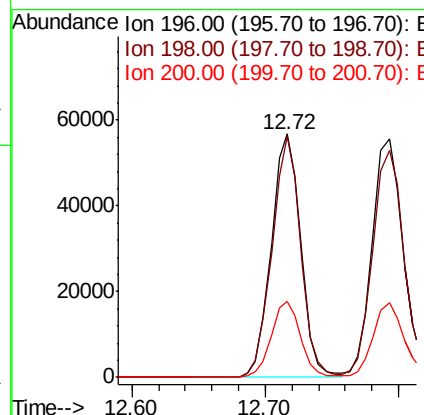
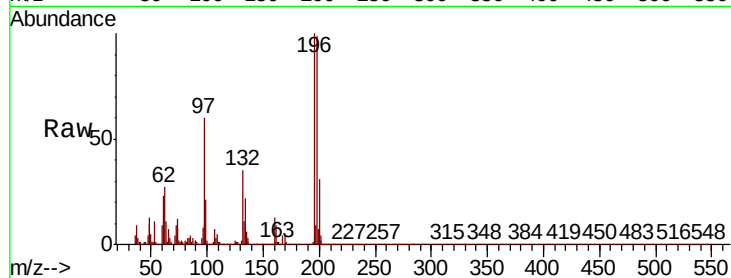




#43
2,4,6-Trichlorophenol
Concen: 39.709 ng
RT: 12.72 min Scan# 1688
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

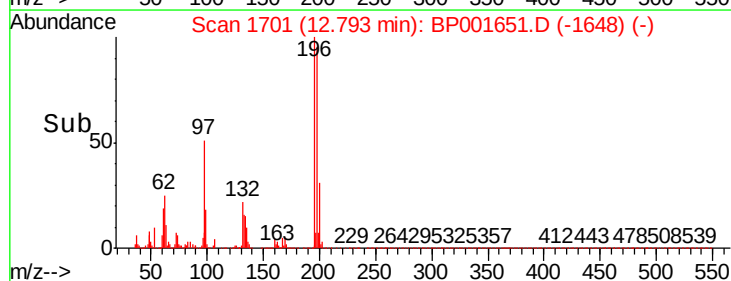
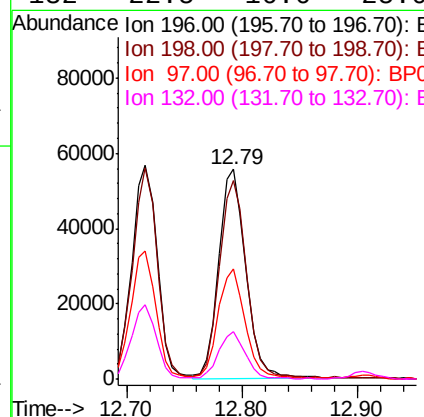
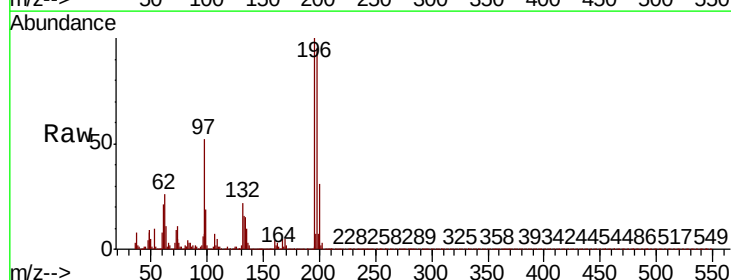
Instrument :
BNA_P
ClientSampleId :

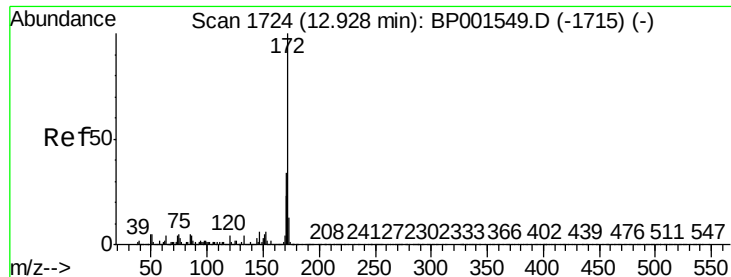
Tot Ion:196 Resp: 87449
Ion Ratio Lower Upper
196 100
198 98.8 74.2 111.4
200 31.4 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 38.569 ng
RT: 12.79 min Scan# 1701
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion:196 Resp: 90260
Ion Ratio Lower Upper
196 100
198 95.0 74.6 111.8
97 52.3 41.0 61.6
132 22.5 16.6 25.0

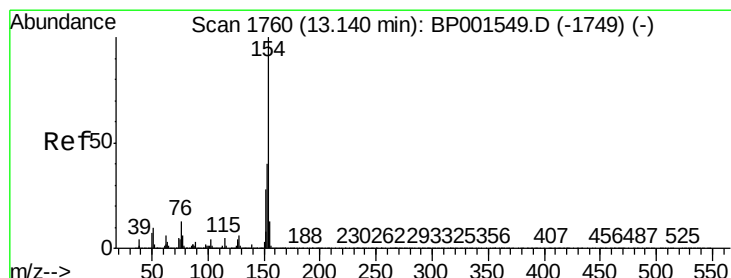
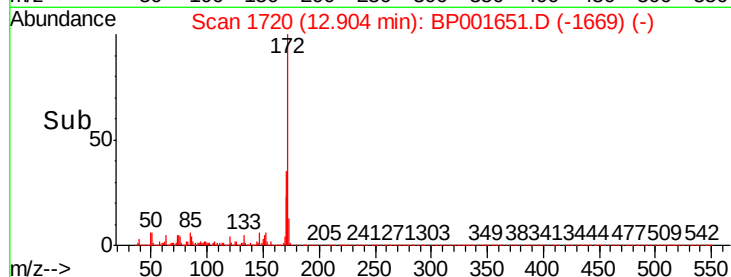
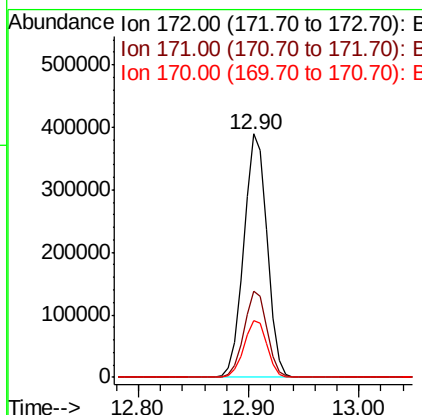
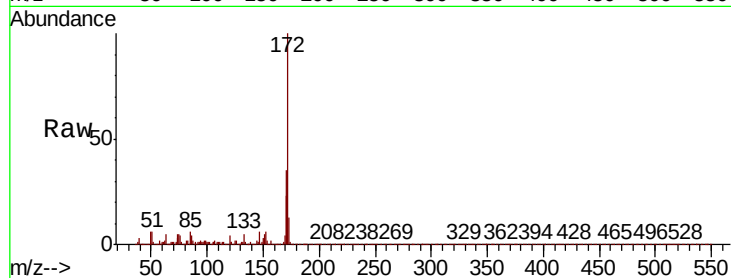




#45
2-Fluorobiphenyl
Concen: 85.199 ng
RT: 12.90 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

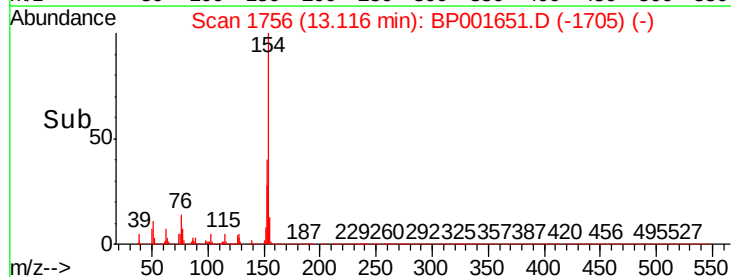
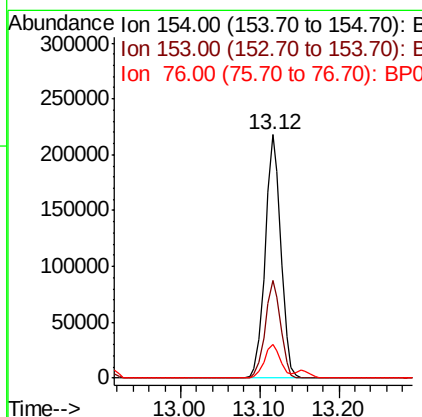
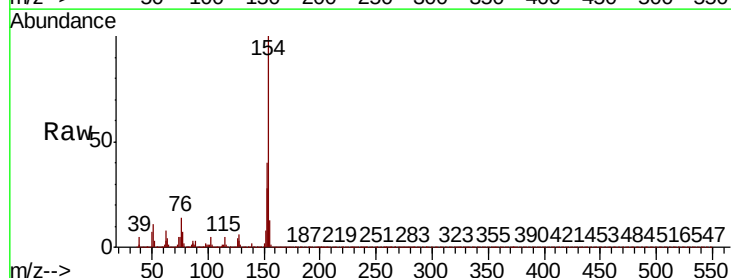
Instrument :
BNA_P
ClientSampleId :

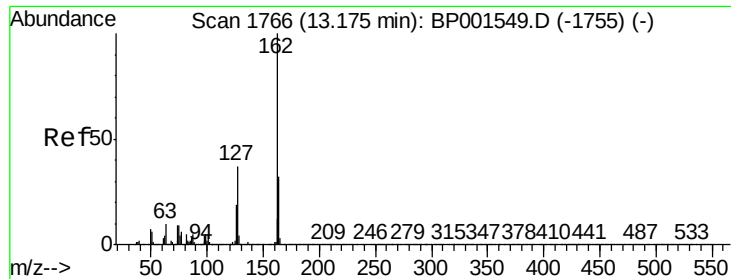
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.6	41.4
170	23.5	18.3	27.5



#46
1,1'-Biphenyl
Concen: 42.290 ng
RT: 13.12 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.5	59.5
76	13.9	0.0	33.1

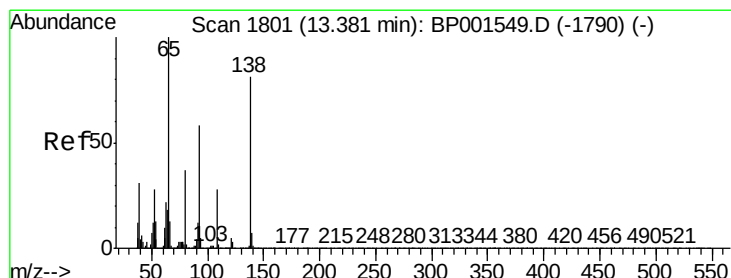
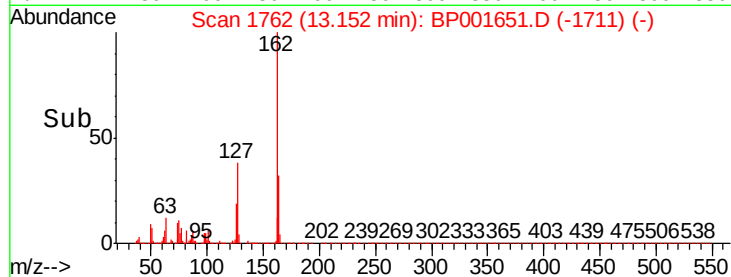
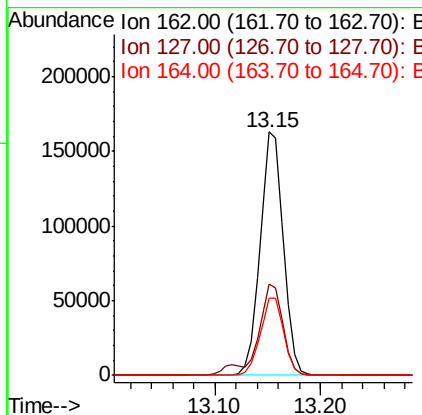
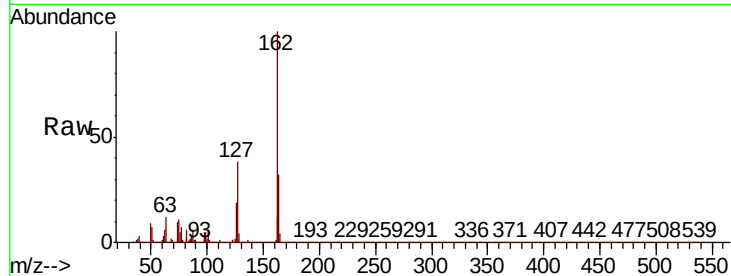




#47
2-Chloronaphthalene
Concen: 42.097 ng
RT: 13.15 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

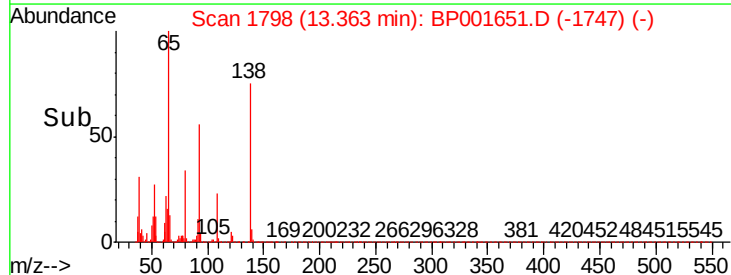
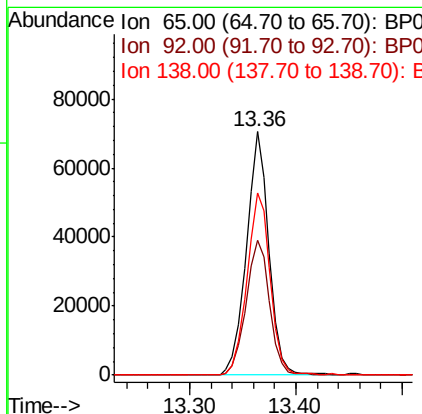
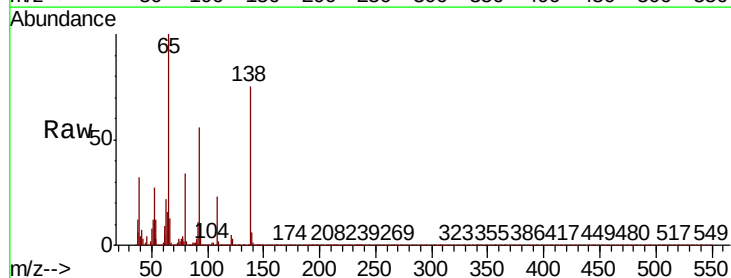
Instrument :
BNA_P
ClientSampleId :

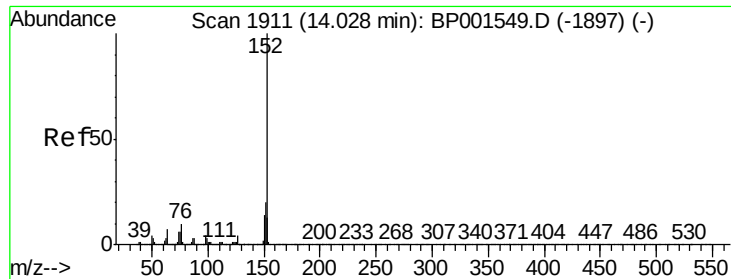
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	29.9	44.9
164	31.9	26.0	39.0



#48
2-Nitroaniline
Concen: 44.615 ng
RT: 13.36 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	55.5	46.2	69.2
138	74.6	64.7	97.1





#49

Acenaphthylene

Concen: 41.193 ng

RT: 14.00 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

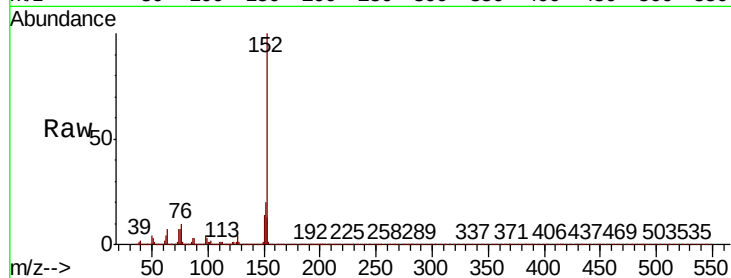
Tot Ion:152 Resp: 377159

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

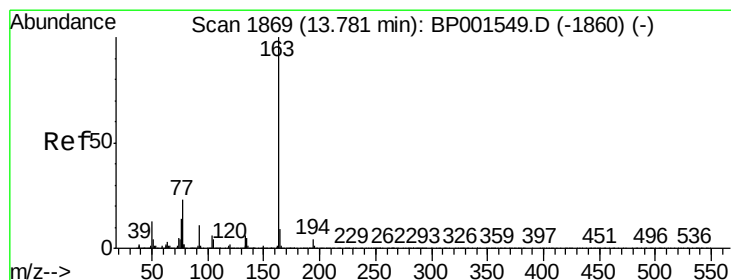
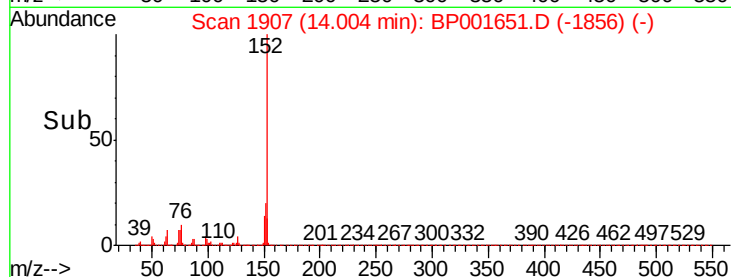
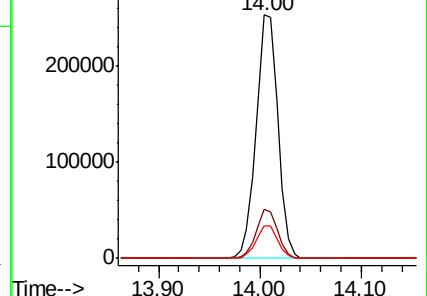
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.752 ng

RT: 13.76 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

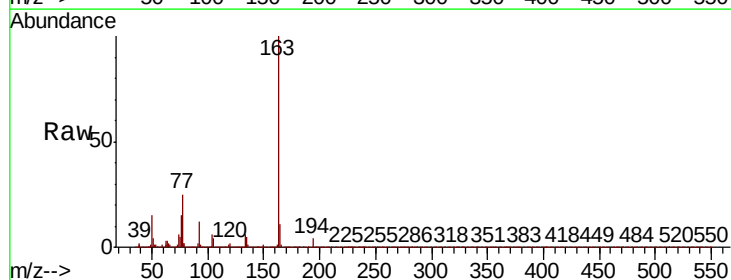
Tgt Ion:163 Resp: 326373

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

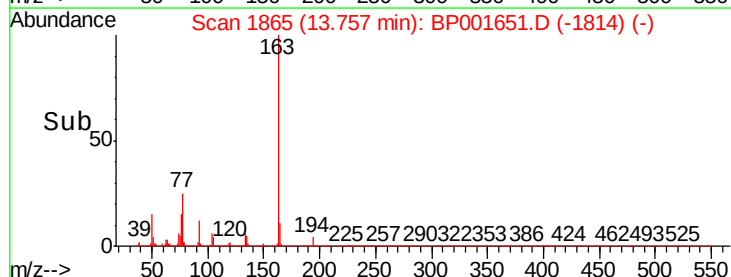
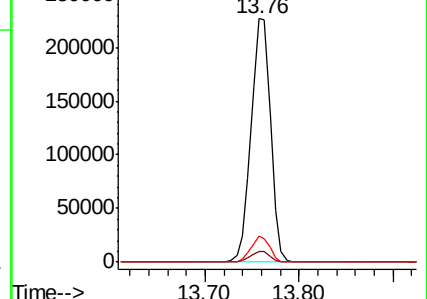
164 10.6 7.5 11.3

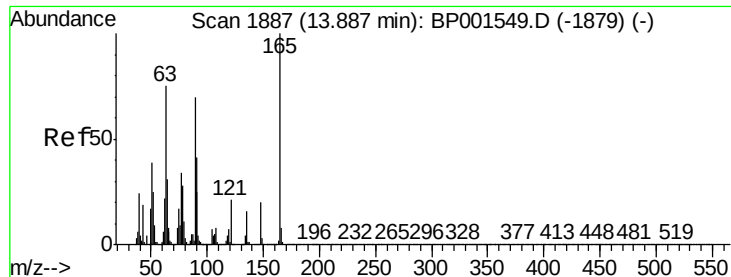


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.970 ng

RT: 13.87 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

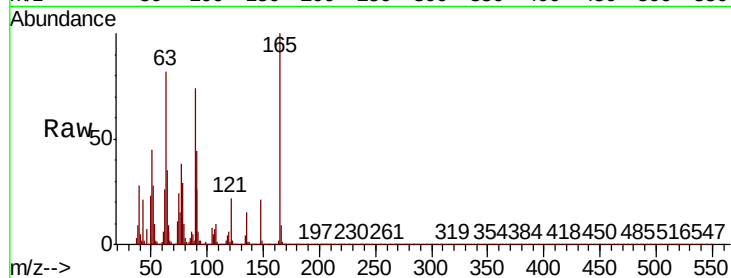
Tot Ion:165 Resp: 69590

Ion Ratio Lower Upper

165 100

63 82.3 60.9 91.3

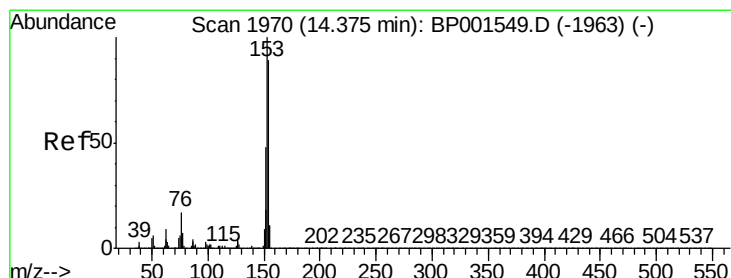
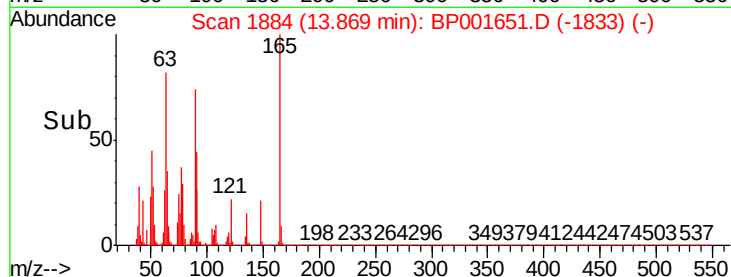
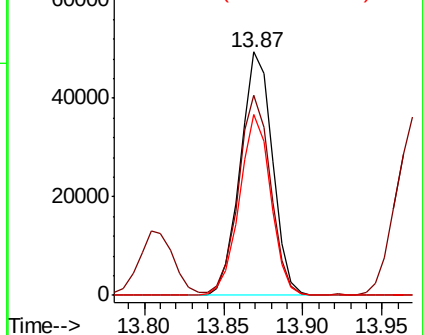
89 74.5 55.7 83.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 39.290 ng

RT: 14.36 min Scan# 1967

Delta R.T. 0.01 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

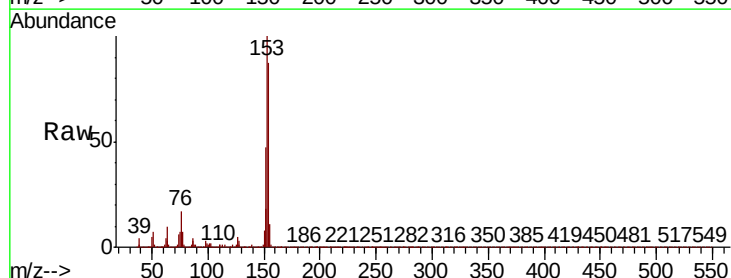
Tgt Ion:154 Resp: 222790

Ion Ratio Lower Upper

154 100

153 114.5 89.4 134.2

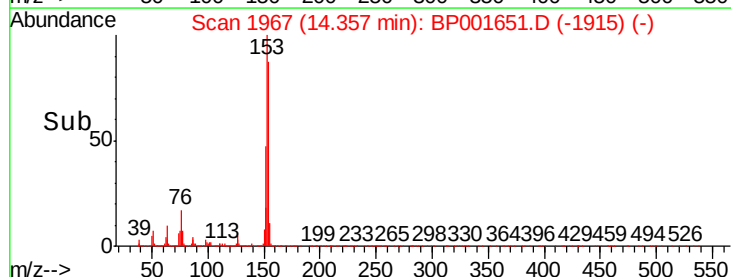
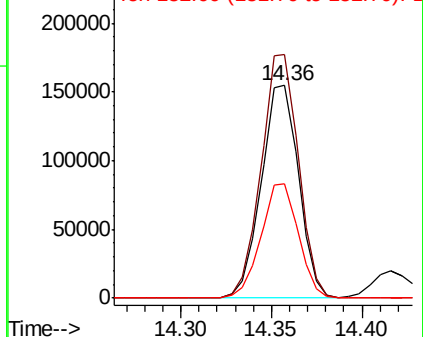
152 54.0 42.6 64.0

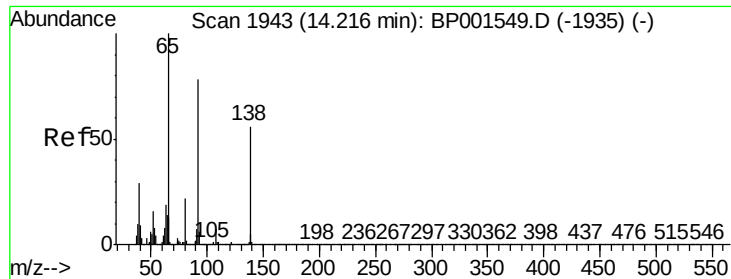


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

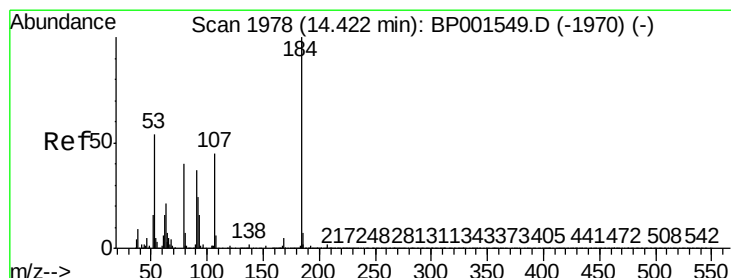
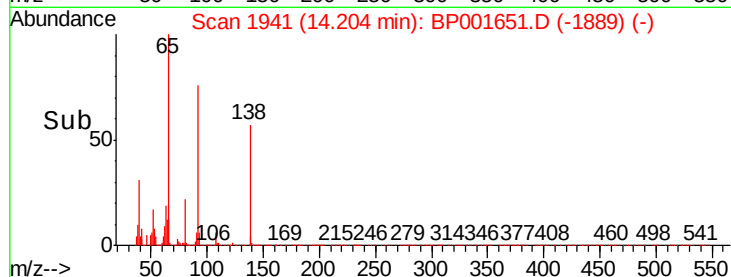
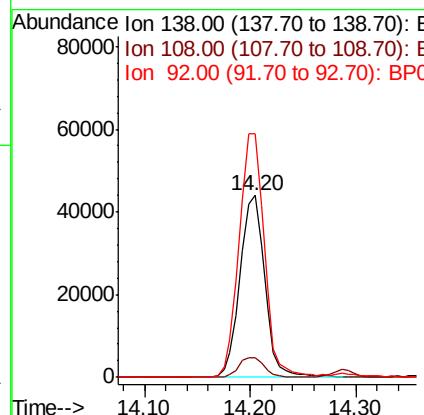
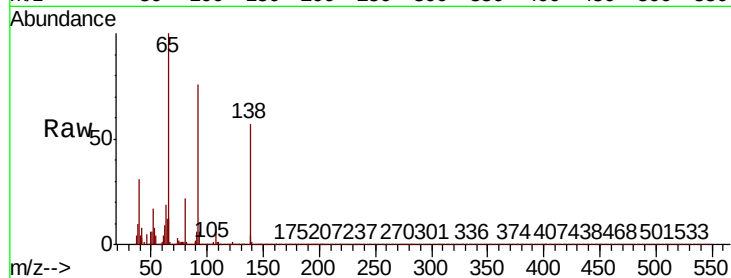




#53
3-Nitroaniline
Concen: 39.028 ng
RT: 14.20 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

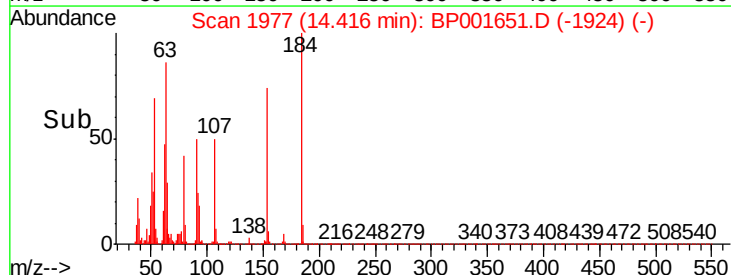
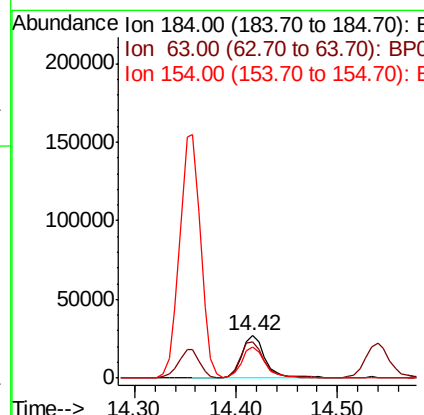
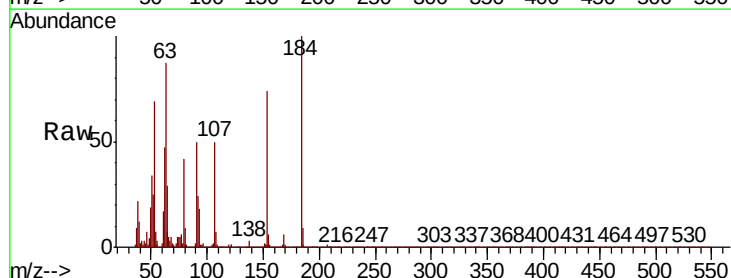
Instrument :
BNA_P
ClientSampleId :

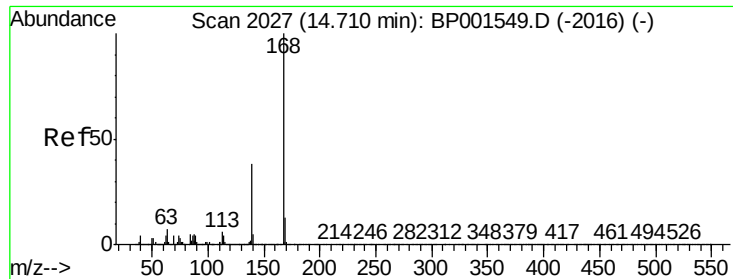
Tot Ion:138 Resp: 71743
Ion Ratio Lower Upper
138 100
108 11.0 9.9 14.9
92 133.7 110.6 166.0



#54
2,4-Dinitrophenol
Concen: 44.305 ng
RT: 14.42 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion:184 Resp: 43372
Ion Ratio Lower Upper
184 100
63 86.6 59.7 89.5
154 74.3 53.9 80.9

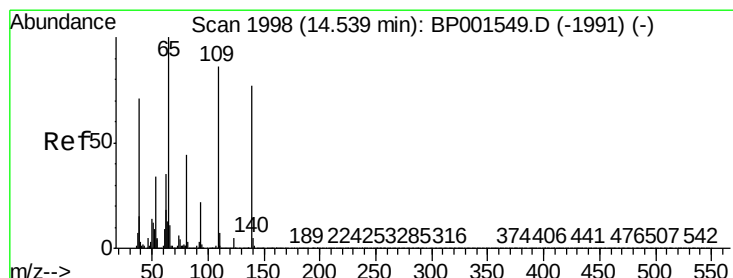
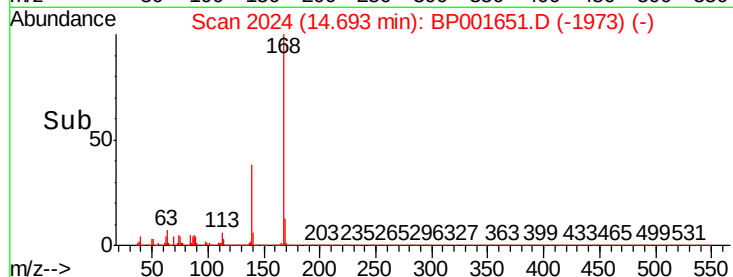
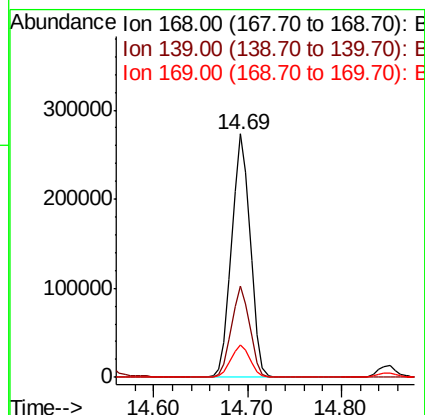
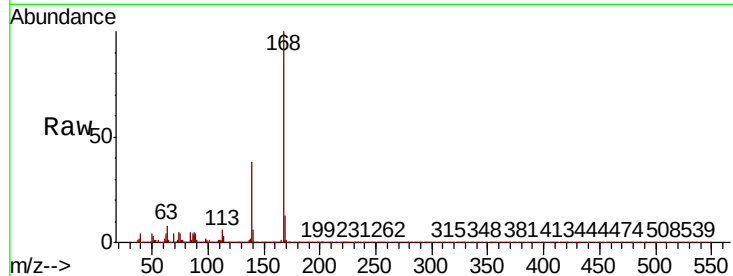




#55
Dibenzofuran
Concen: 39.337 ng
RT: 14.69 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

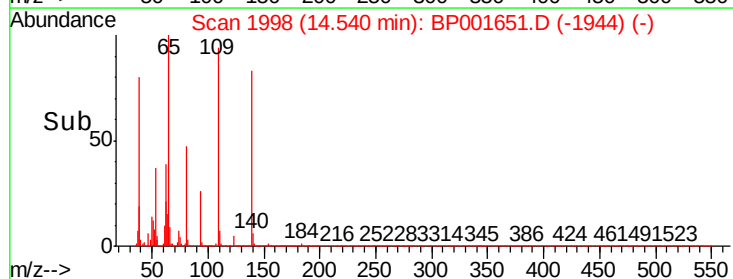
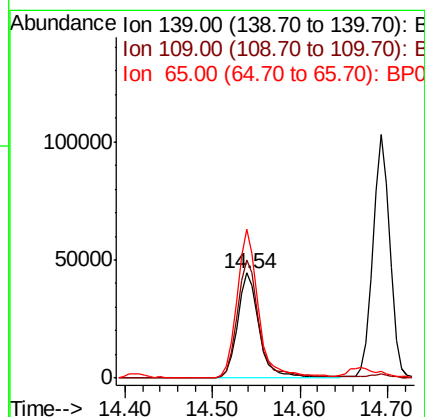
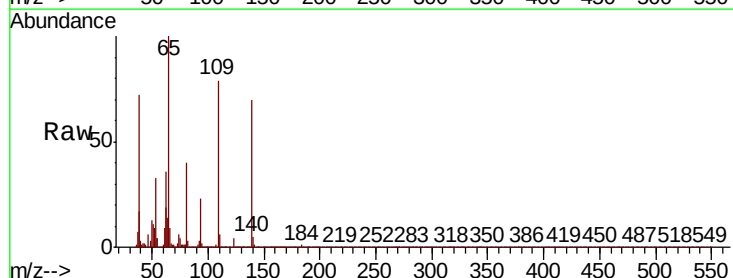
Instrument :
BNA_P
ClientSampleId :

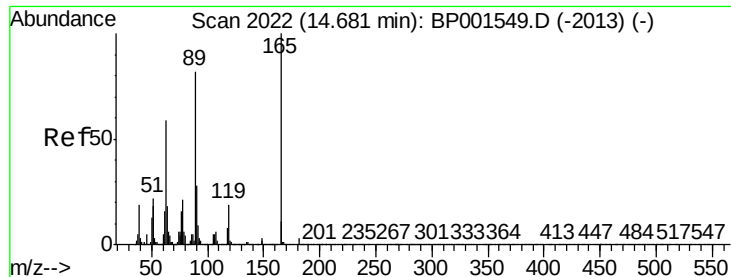
Tot Ion:168 Resp: 377202
Ion Ratio Lower Upper
168 100
139 37.7 30.2 45.4
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 50.644 ng
RT: 14.54 min Scan# 1998
Delta R.T. 0.02 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion:139 Resp: 74341
Ion Ratio Lower Upper
139 100
109 112.8 92.7 132.7
65 142.2 111.1 151.1

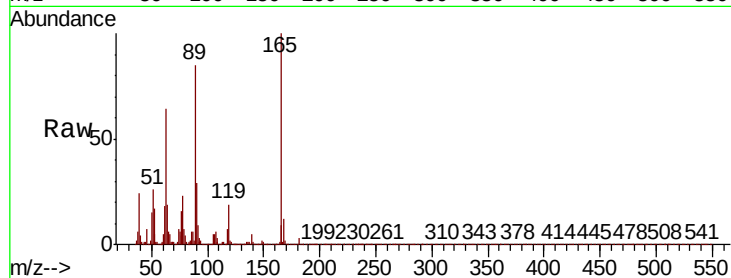




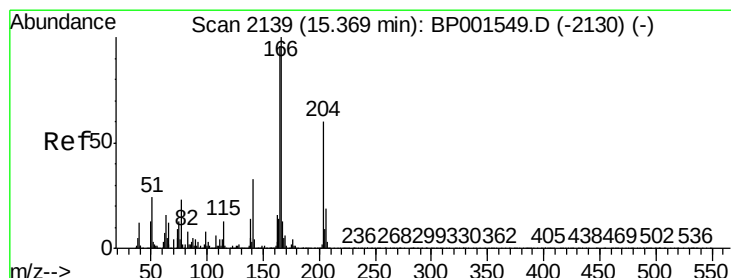
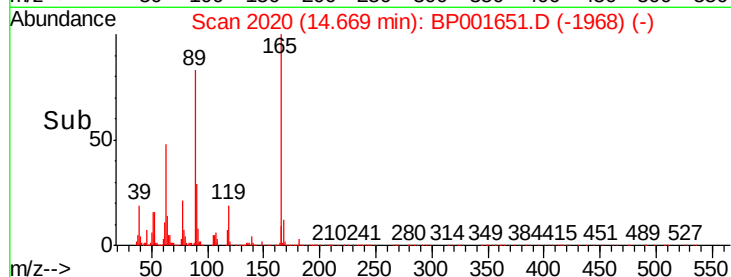
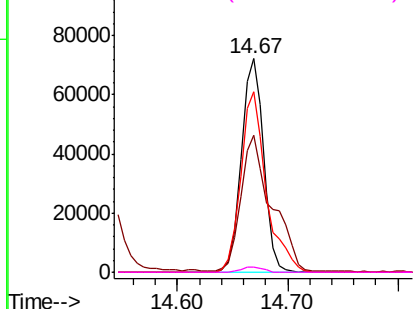
#57
2,4-Dinitrotoluene
Concen: 40.115 ng
RT: 14.67 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165	Resp:	102192
Ion	Ratio	Lower Upper
165	100	
63	63.9	47.3 70.9
89	84.7	65.4 98.0
182	2.6	2.5 3.7

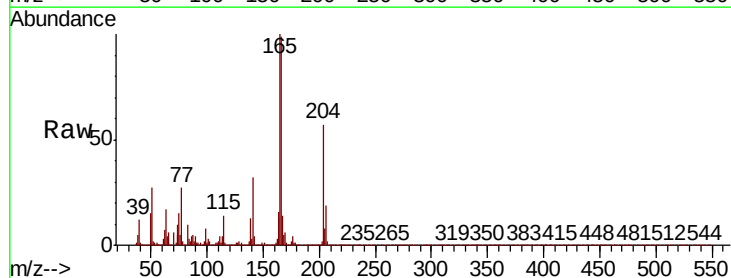


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

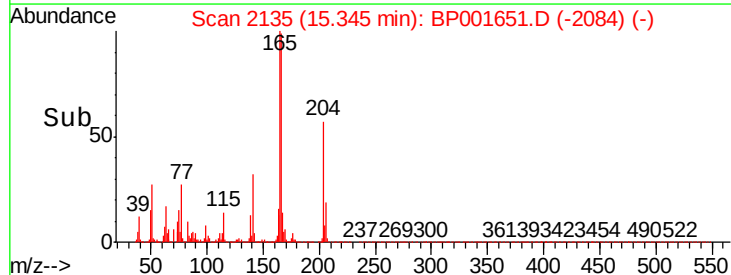
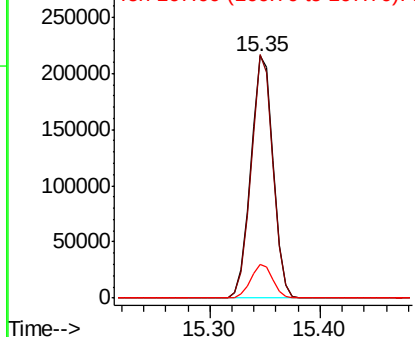


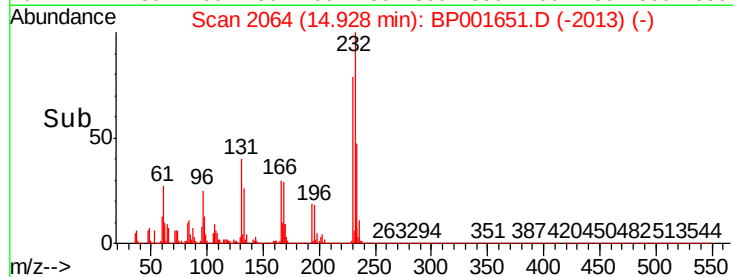
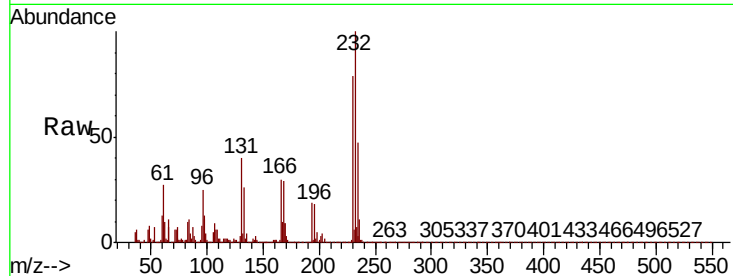
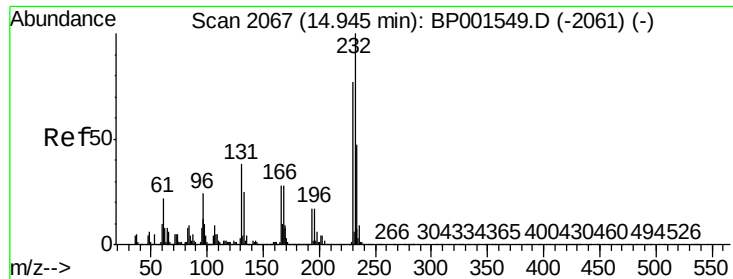
#58
Fluorene
Concen: 39.437 ng
RT: 15.35 min Scan# 2135
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion:166	Resp:	305999
Ion	Ratio	Lower Upper
166	100	
165	100.7	76.9 115.3
167	13.8	10.3 15.5



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

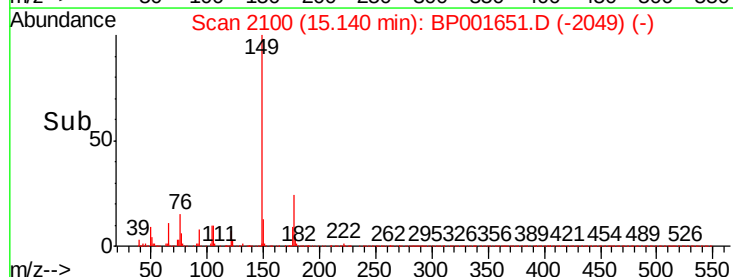
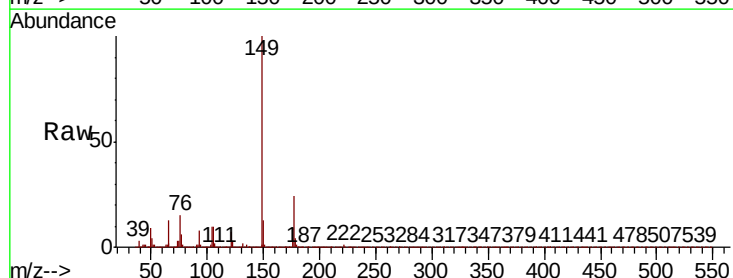
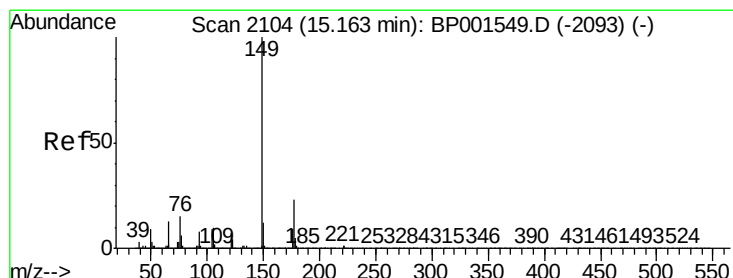
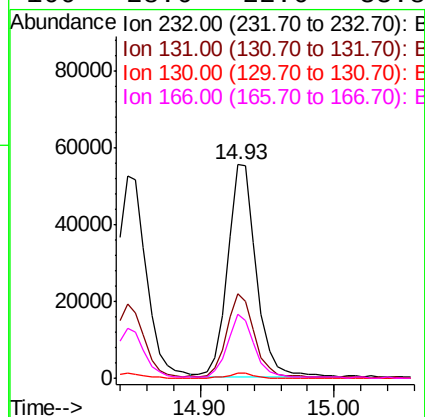




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.561 ng
RT: 14.93 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

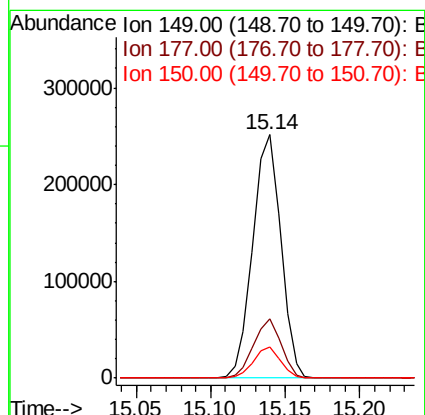
Instrument :
BNA_P
ClientSampleId :

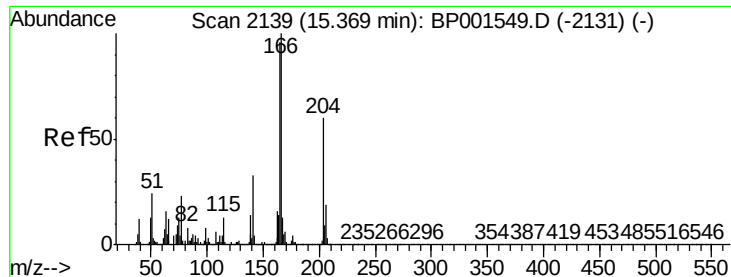
Tot Ion:	232	Resp:	83518
Ion	Ratio	Lower	Upper
232	100		
131	37.4	31.3	46.9
130	2.5	2.0	3.0
166	28.6	22.6	33.8



#60
Diethylphthalate
Concen: 38.738 ng
RT: 15.14 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion:	149	Resp:	327120
Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.4	27.6
150	12.7	10.0	15.0

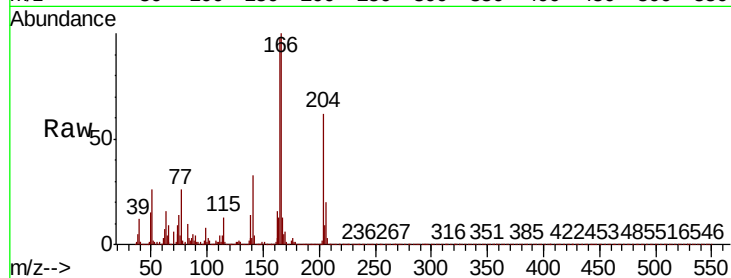




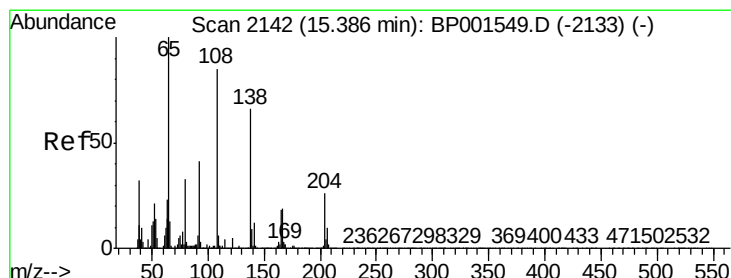
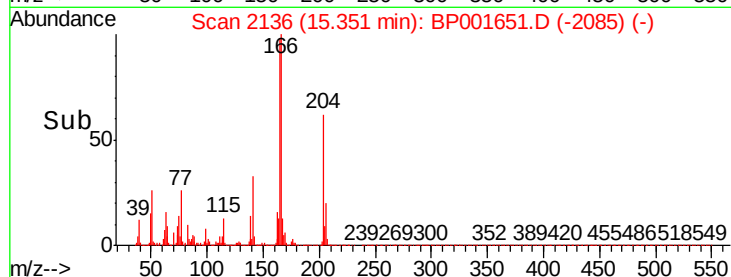
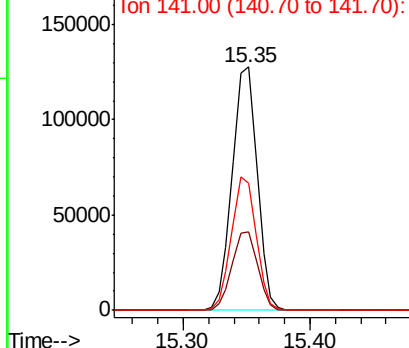
#61
4-Chlorophenyl-phenylether
Concen: 39.238 ng
RT: 15.35 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Instrument :
BNA_P
ClientSampled :

Tot Ion:204 Resp: 174248
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.0
141 52.3 43.8 65.6

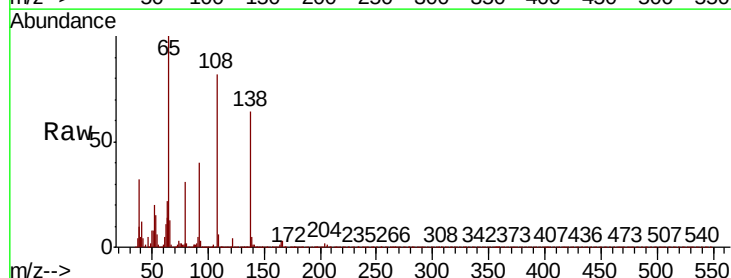


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

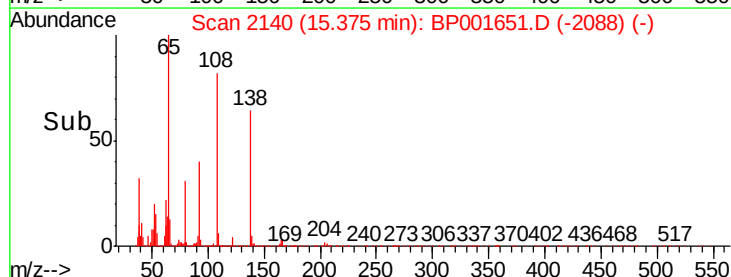
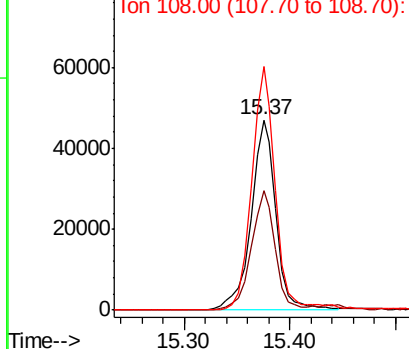


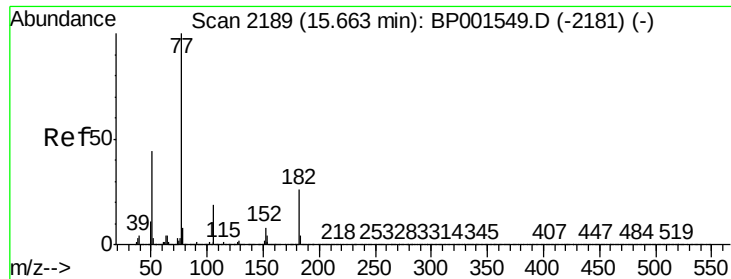
#62
4-Nitroaniline
Concen: 37.043 ng
RT: 15.37 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion:138 Resp: 77637
Ion Ratio Lower Upper
138 100
92 62.9 42.7 82.7
108 128.0 108.6 148.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BP0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.411 ng

RT: 15.65 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 349411

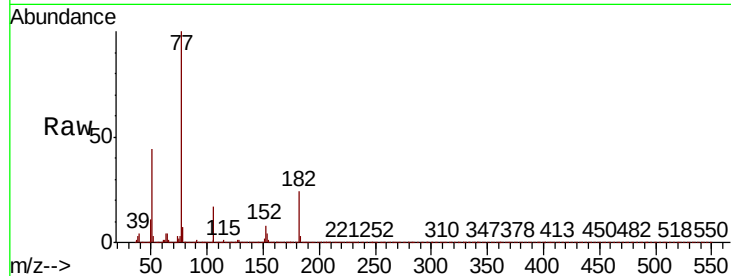
Ion Ratio Lower Upper

77 100

182 23.8 5.8 45.8

105 16.7 0.0 39.3

51 44.1 23.6 63.6

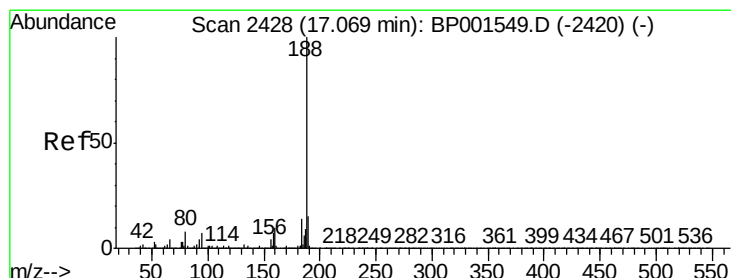
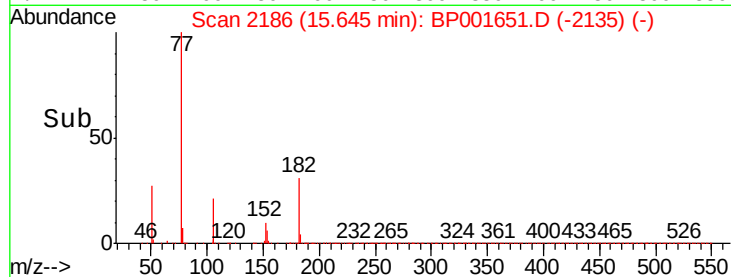
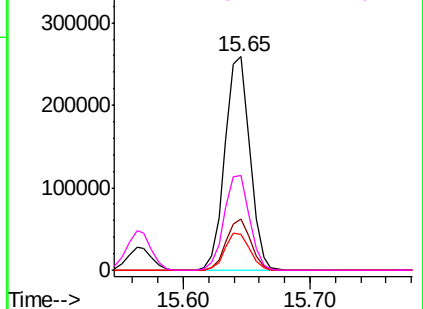


Abundance Ion 77.00 (76.70 to 77.70): BP0

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): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

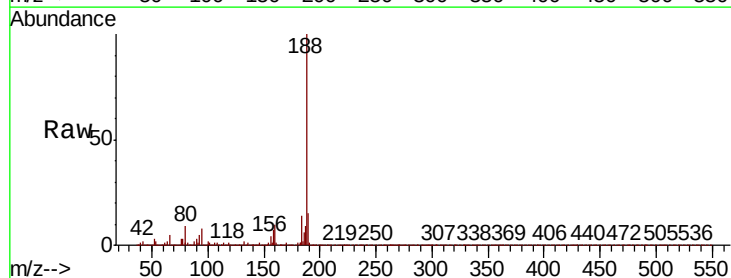
Tgt Ion: 188 Resp: 239412

Ion Ratio Lower Upper

188 100

94 7.6 5.9 8.9

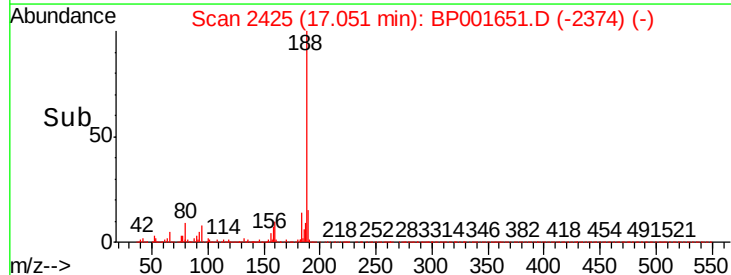
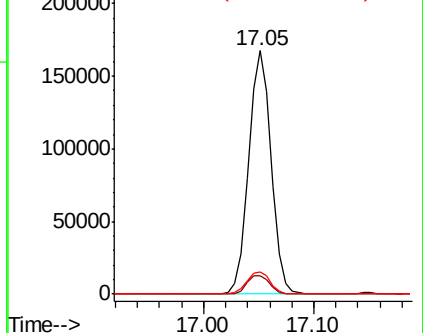
80 9.3 6.8 10.2

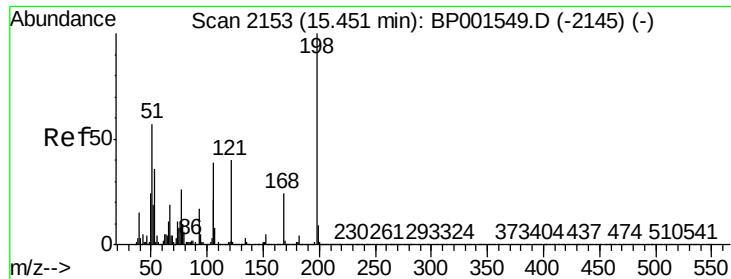


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

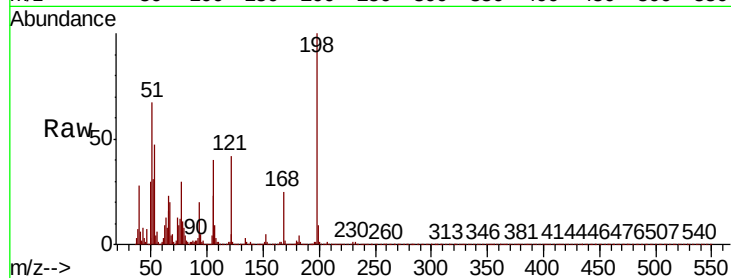




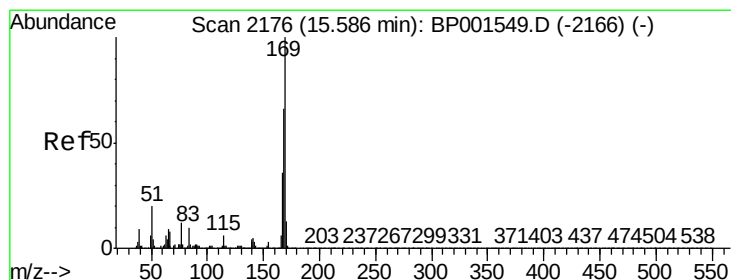
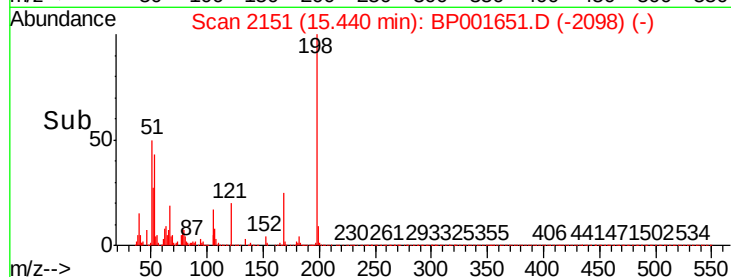
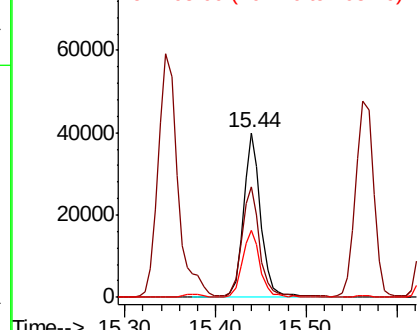
#65
4,6-Dinitro-2-methylphenol
Concen: 41.087 ng
RT: 15.44 min Scan# 2151
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion:198 Resp: 53182
Ion Ratio Lower Upper
198 100
51 67.0 39.4 79.4
105 40.3 19.7 59.7

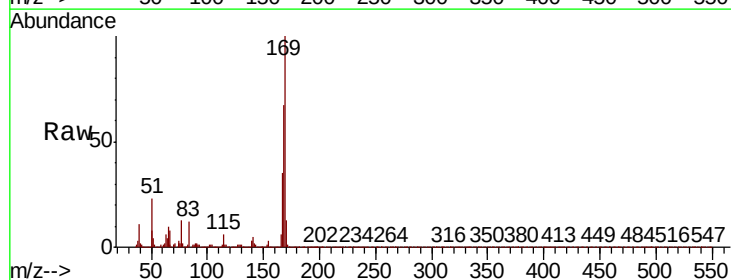


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

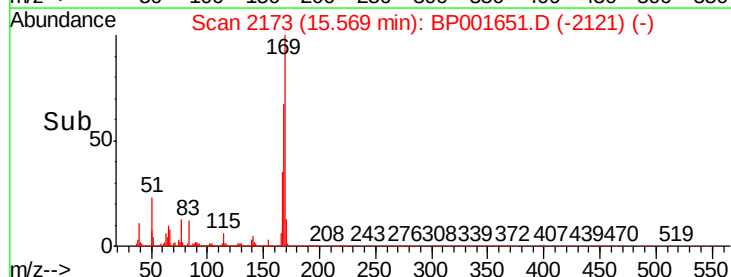
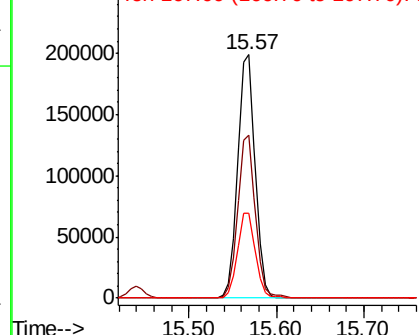


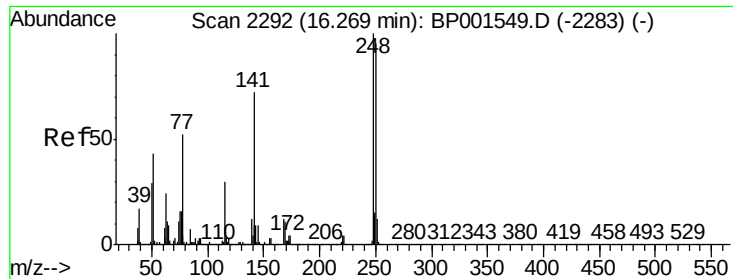
#66
n-Nitrosodiphenylamine
Concen: 42.330 ng
RT: 15.57 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion:169 Resp: 268481
Ion Ratio Lower Upper
169 100
168 67.0 53.1 79.7
167 35.0 28.9 43.3



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

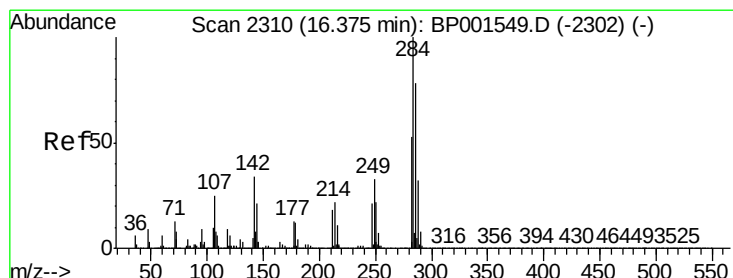
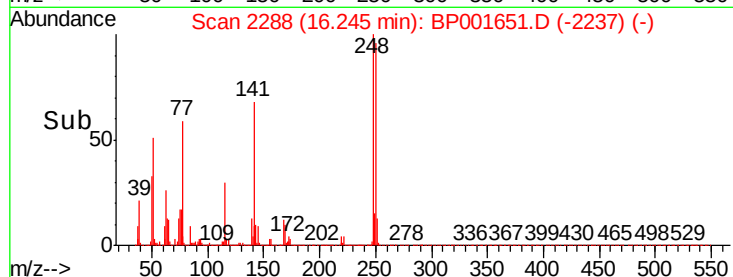
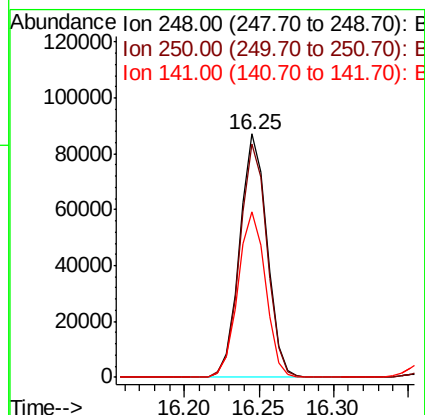
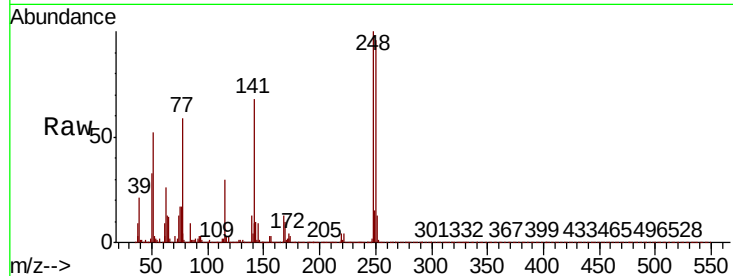




#67
4-Bromophenyl-phenylether
Concen: 41.255 ng
RT: 16.25 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

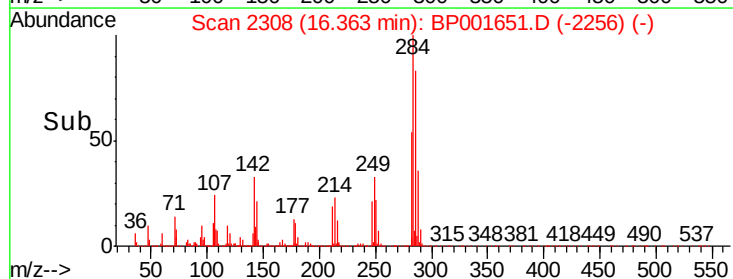
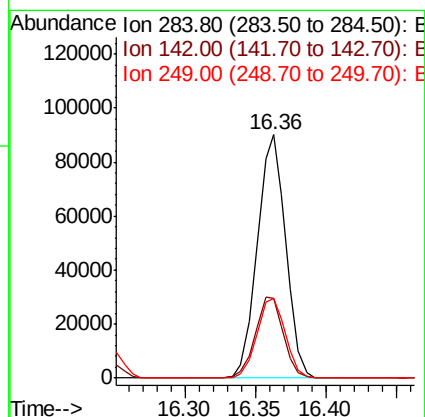
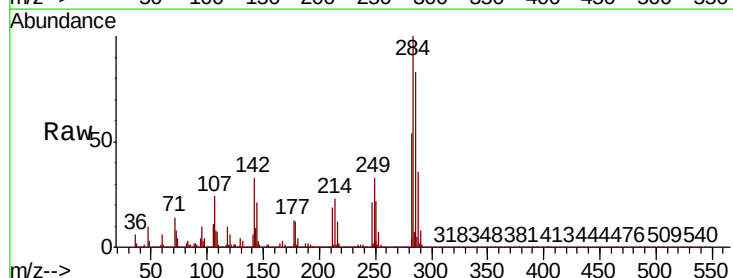
Instrument :
BNA_P
ClientSampled :

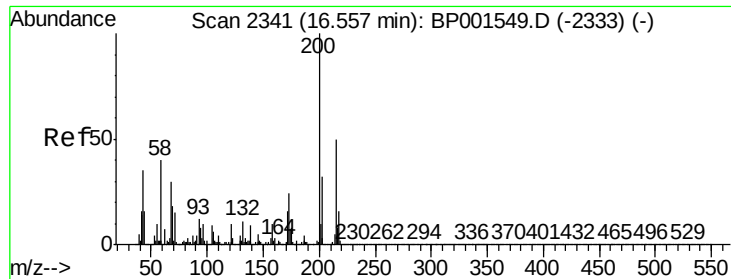
Tot Ion:248 Resp: 111425
Ion Ratio Lower Upper
248 100
250 96.0 76.0 114.0
141 68.1 57.8 86.8



#68
Hexachlorobenzene
Concen: 40.518 ng
RT: 16.36 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion:284 Resp: 127145
Ion Ratio Lower Upper
284 100
142 33.0 27.4 41.2
249 32.6 26.8 40.2





#69

Atrazine

Concen: 32.565 ng

RT: 16.53 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

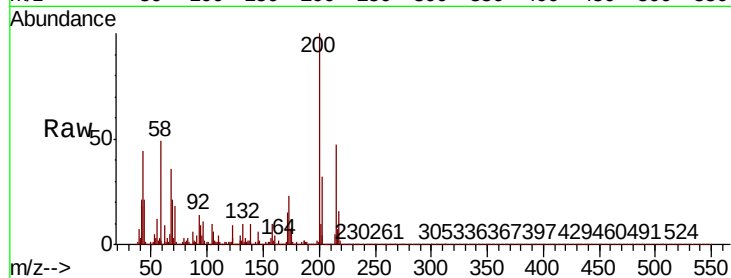
Tot Ion:200 Resp: 75856

Ion Ratio Lower Upper

200 100

173 22.6 3.5 43.5

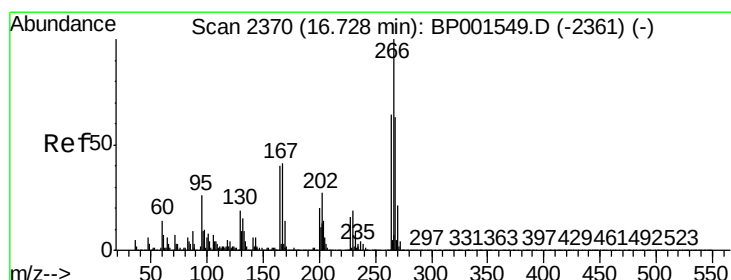
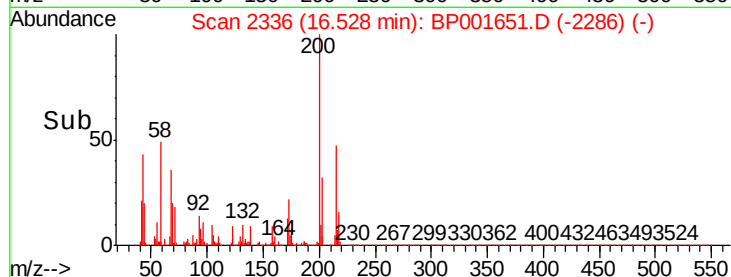
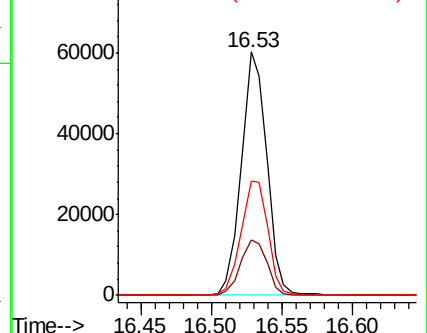
215 47.0 30.4 70.4



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: 37.877 ng

RT: 16.71 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

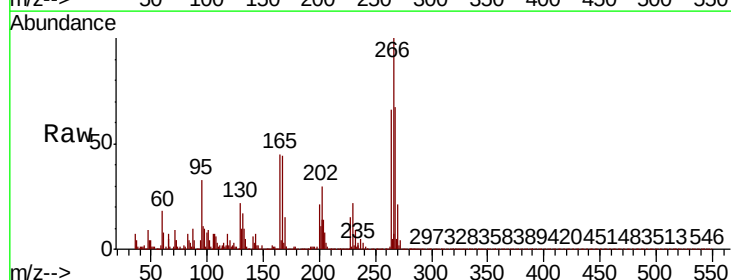
Tgt Ion:266 Resp: 65640

Ion Ratio Lower Upper

266 100

268 66.9 50.5 75.7

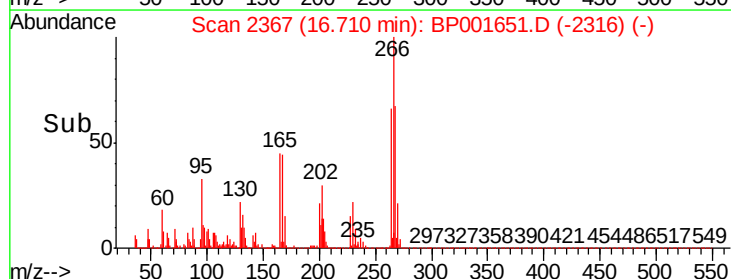
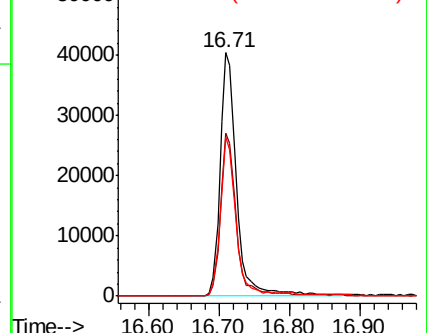
264 65.6 50.9 76.3

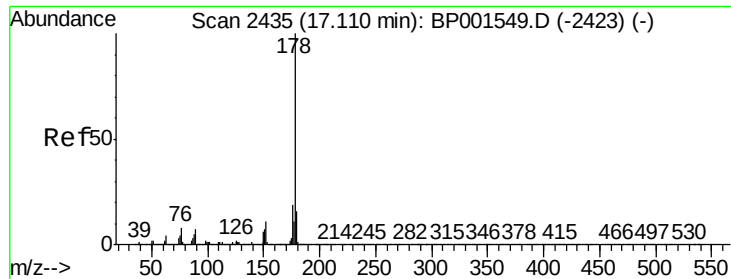


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

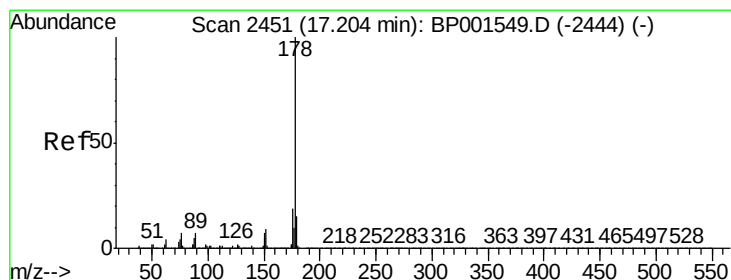
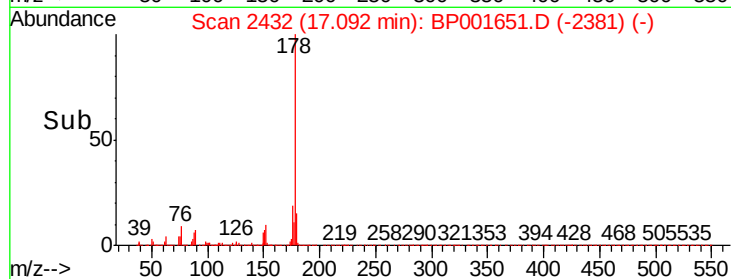
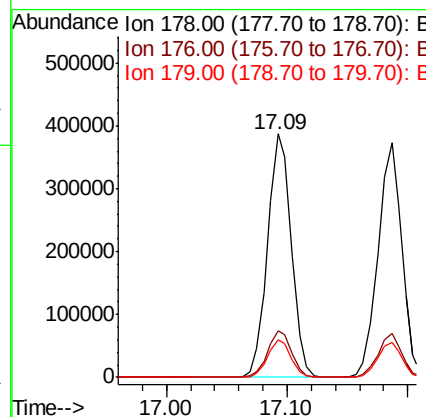
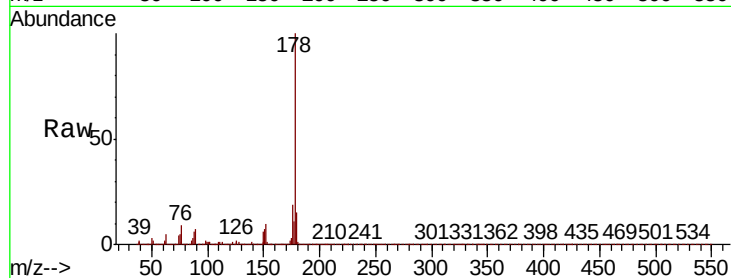




#71
 Phenanthrene
 Concen: 40.479 ng
 RT: 17.09 min Scan# 2432
 Delta R.T. 0.00 min
 Lab File: BP001651.D
 Acq: 17 Jan 2020 11:29

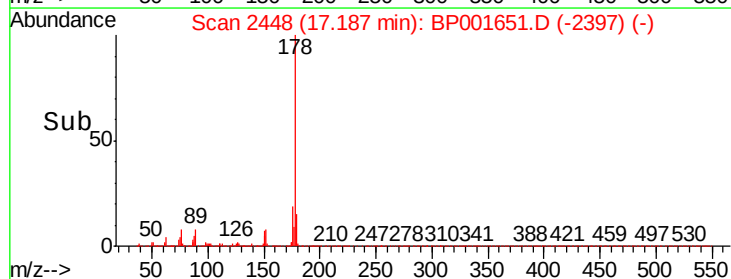
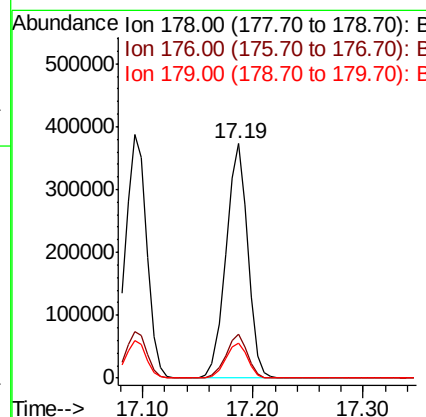
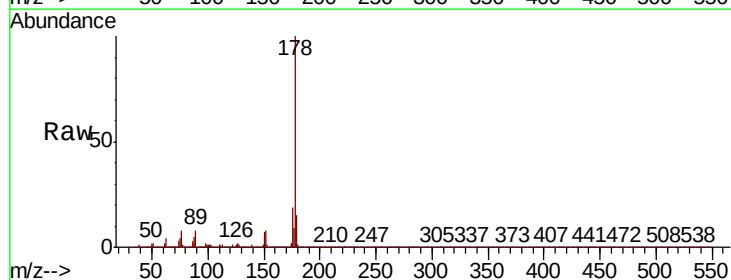
Instrument :
 BNA_P
 ClientSampleId :

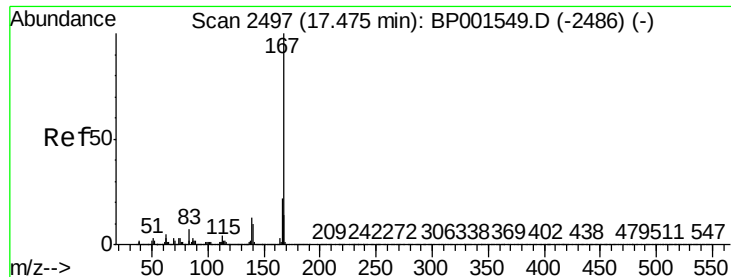
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.2	12.5	18.7



#72
 Anthracene
 Concen: 40.437 ng
 RT: 17.19 min Scan# 2448
 Delta R.T. 0.00 min
 Lab File: BP001651.D
 Acq: 17 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.2	11.8	17.8





#73

Carbazole

Concen: 38.739 ng

RT: 17.46 min Scan# 2495

Delta R.T. 0.01 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

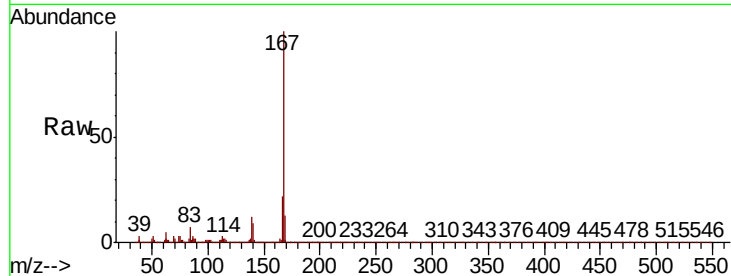
Tot Ion:167 Resp: 460991

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

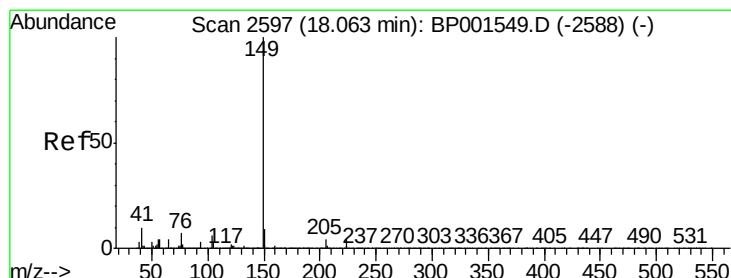
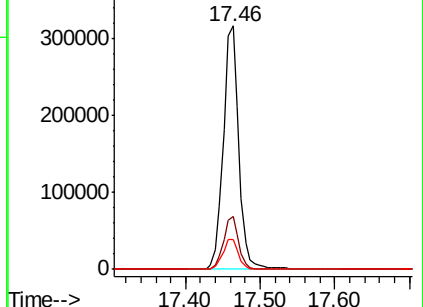
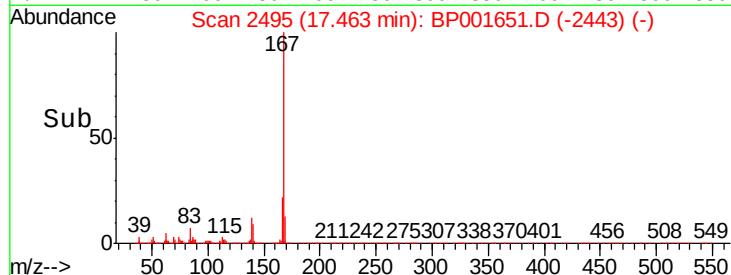
139 12.2 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.478 ng

RT: 18.03 min Scan# 2592

Delta R.T. -0.01 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

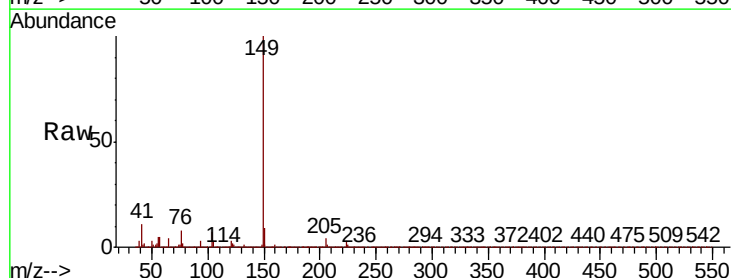
Tgt Ion:149 Resp: 583954

Ion Ratio Lower Upper

149 100

150 9.3 7.0 10.6

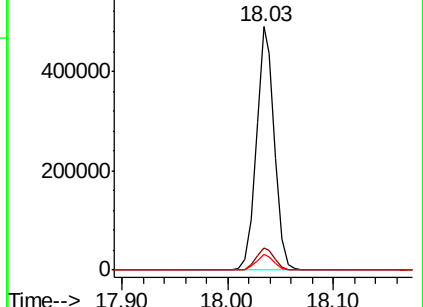
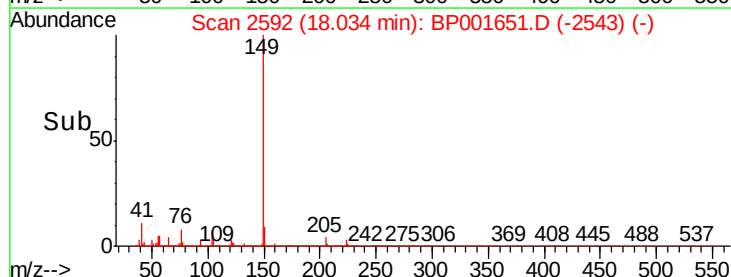
104 6.7 5.0 7.4

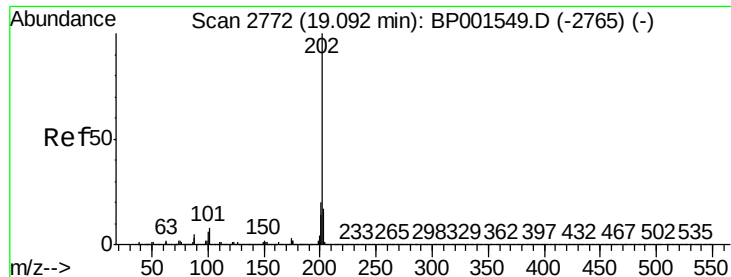


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

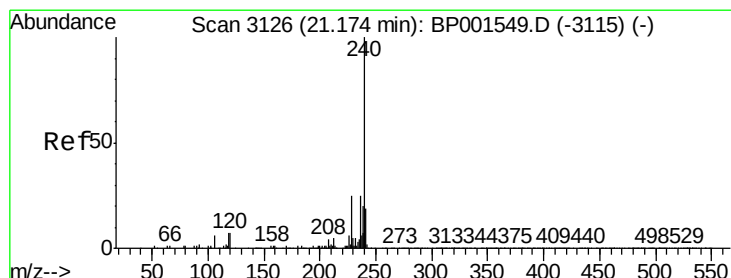
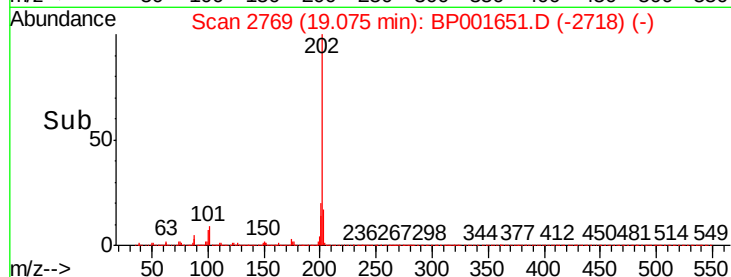
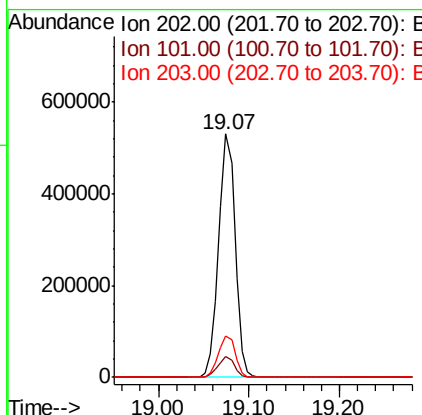
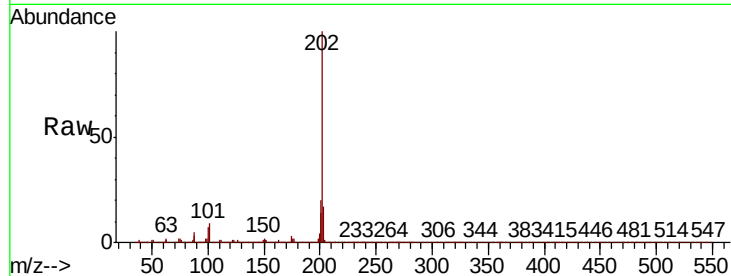




#75
Fluoranthene
Concen: 39.052 ng
RT: 19.07 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

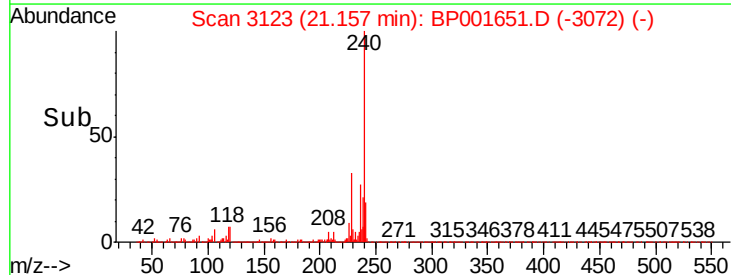
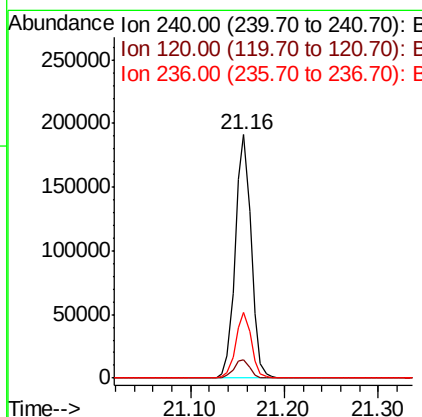
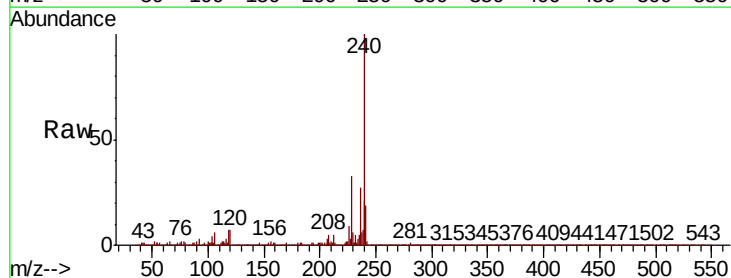
Instrument :
BNA_P
ClientSampleId :

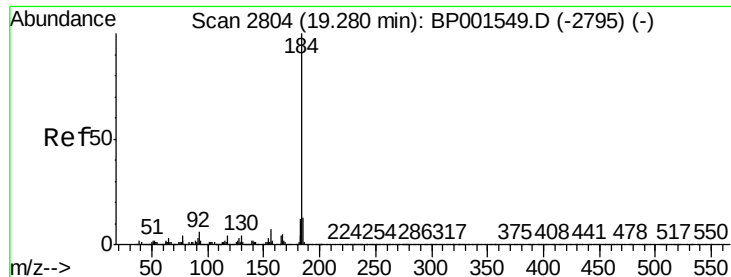
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.4
203	17.2	0.0	37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.7	8.5
236	26.8	20.4	30.6





#77

Benzidine

Concen: 47.664 ng

RT: 19.26 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

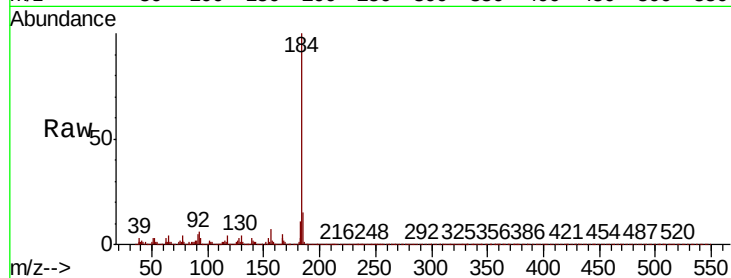
Tot Ion:184 Resp: 244537

Ion Ratio Lower Upper

184 100

185 15.3 10.6 16.0

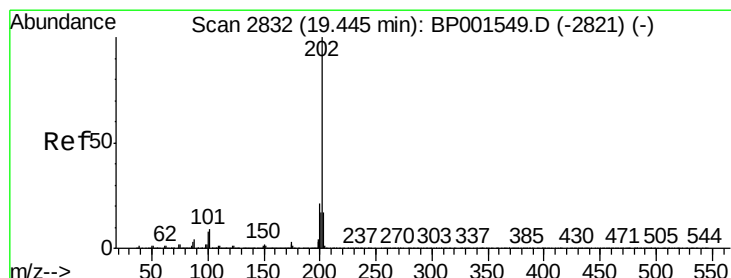
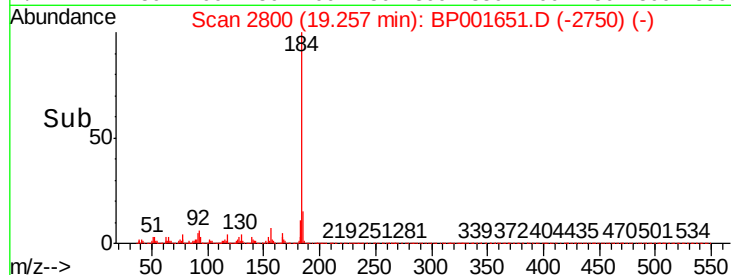
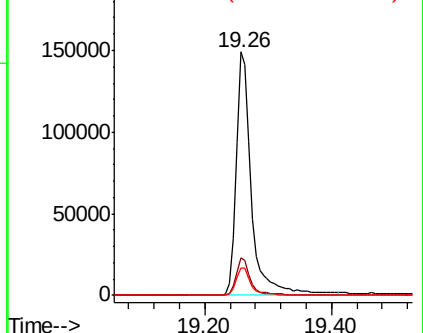
183 11.0 9.4 14.0



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: 41.142 ng

RT: 19.43 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

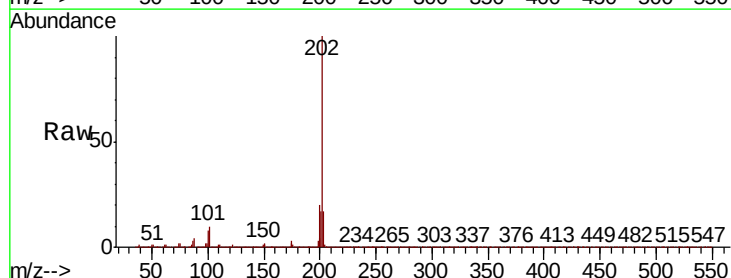
Tgt Ion:202 Resp: 679055

Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.6

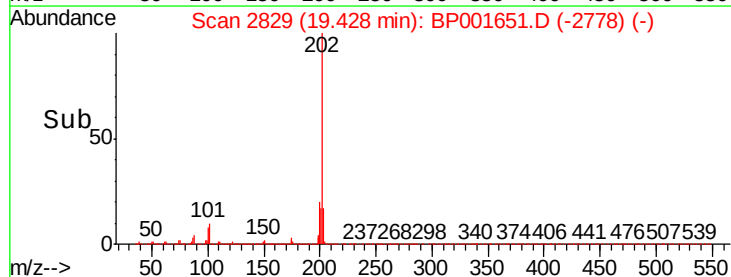
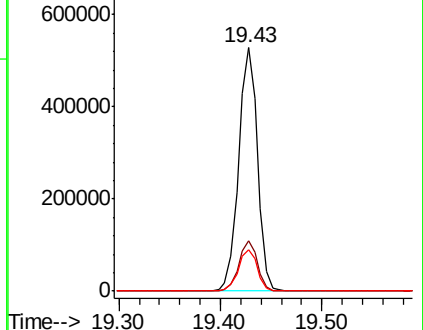
203 17.2 13.7 20.5

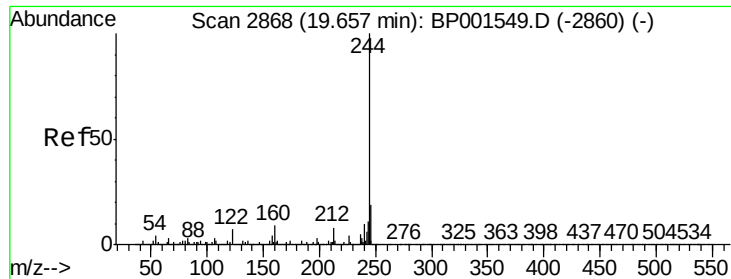


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.603 ng

RT: 19.64 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

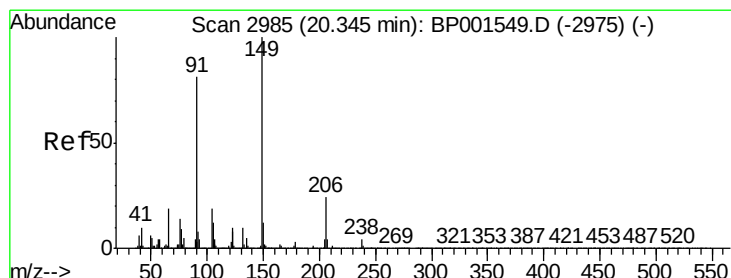
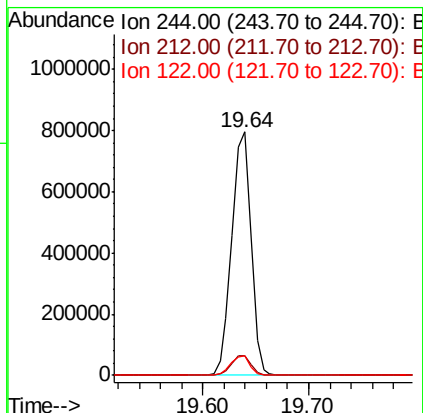
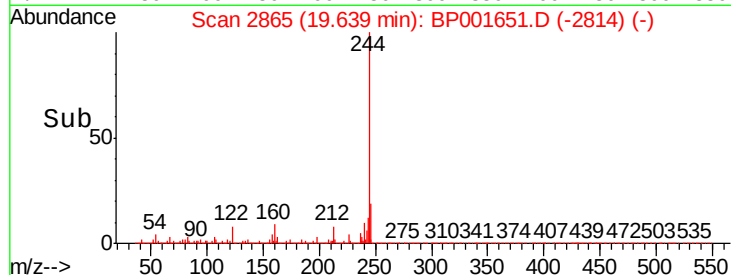
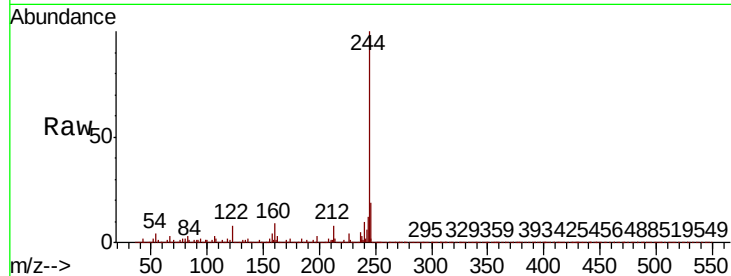
Instrument :

BNA_P

ClientSampled :

Tot Ion:244 Resp: 1002457

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	7.8	5.8	8.6



#80

Butylbenzylphthalate

Concen: 42.386 ng

RT: 20.32 min Scan# 2981

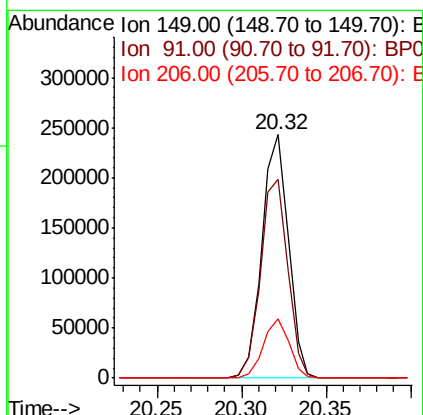
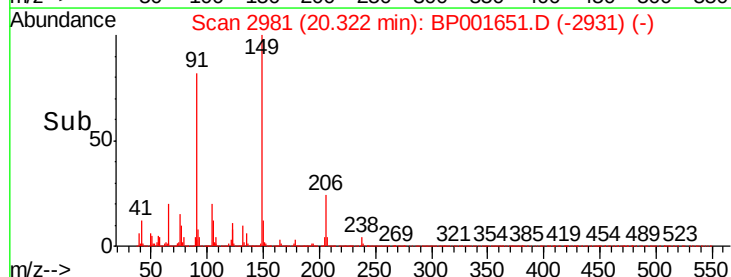
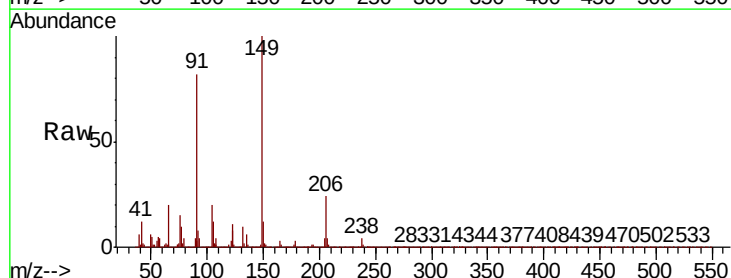
Delta R.T. -0.01 min

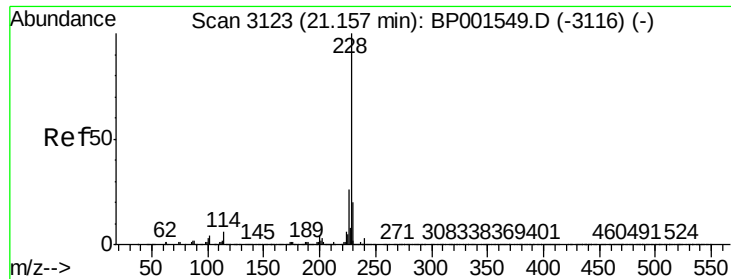
Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Tgt Ion:149 Resp: 265894

Ion	Ratio	Lower	Upper
149	100		
91	81.8	64.8	97.2
206	24.5	19.4	29.0

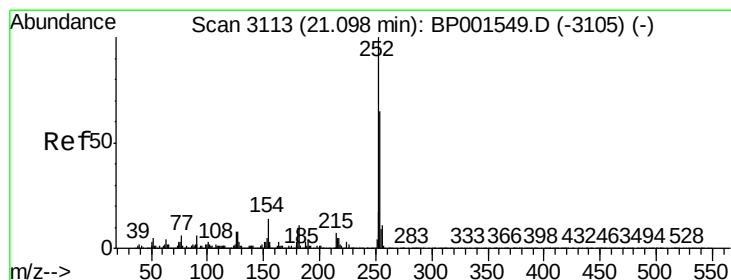
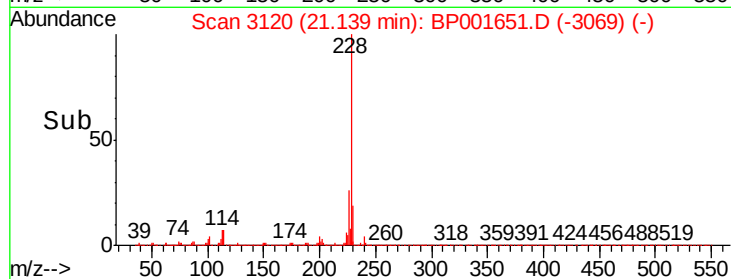
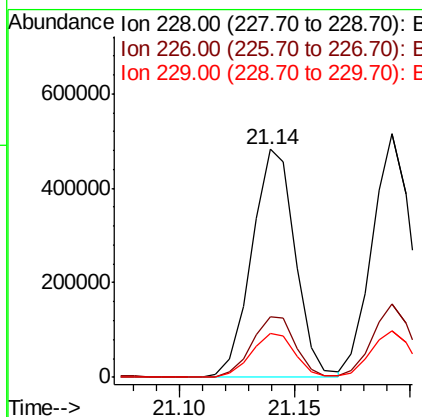
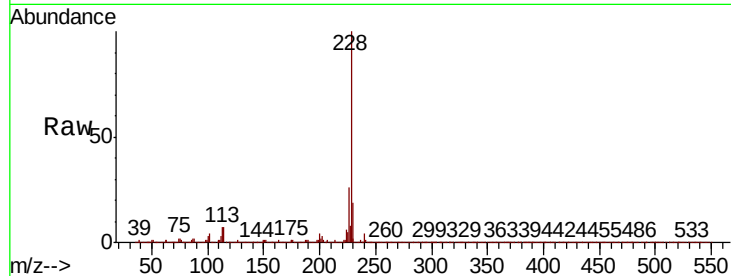




#81
Benzo(a)anthracene
Concen: 40.447 ng
RT: 21.14 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

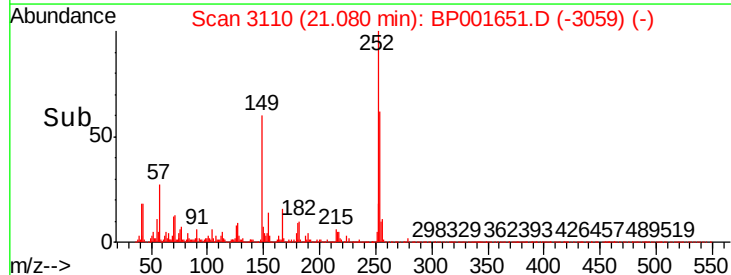
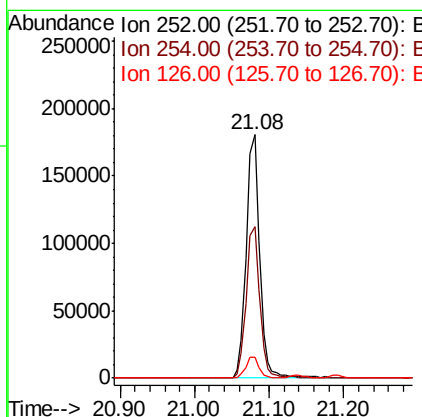
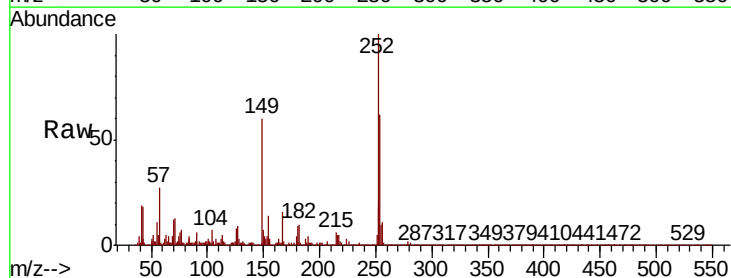
Instrument :
BNA_P
ClientSampleId :

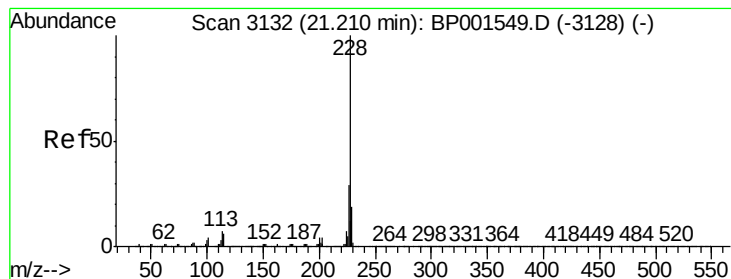
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.2	31.8
229	19.2	16.1	24.1



#82
3,3'-Dichlorobenzidine
Concen: 38.579 ng
RT: 21.08 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	52.2	78.2
126	8.4	6.6	9.8





#83

Chrysene

Concen: 40.142 ng

RT: 21.19 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

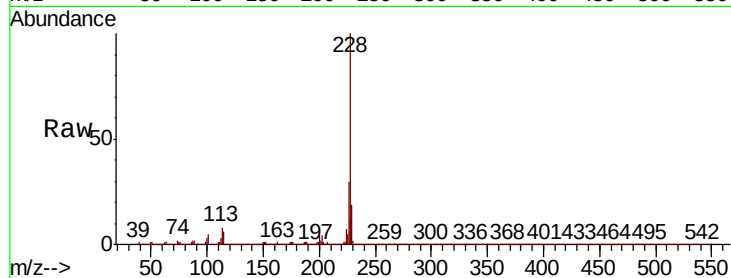
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 612161

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.2	34.8
229	19.1	15.2	22.8

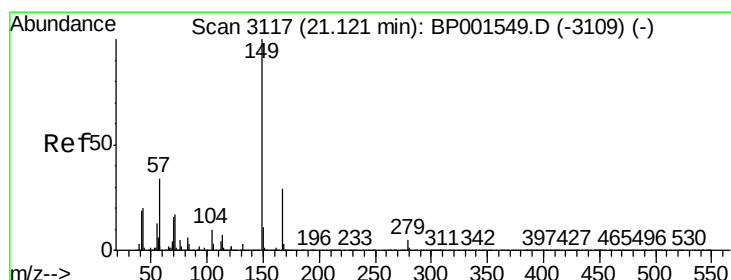
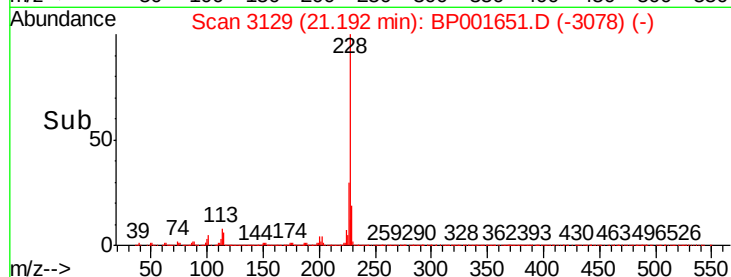
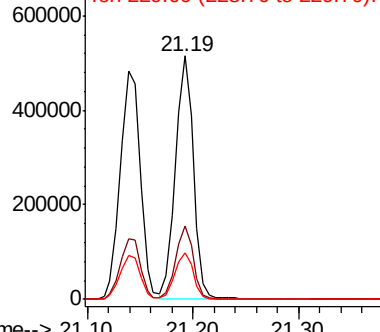


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.655 ng

RT: 21.09 min Scan# 3112

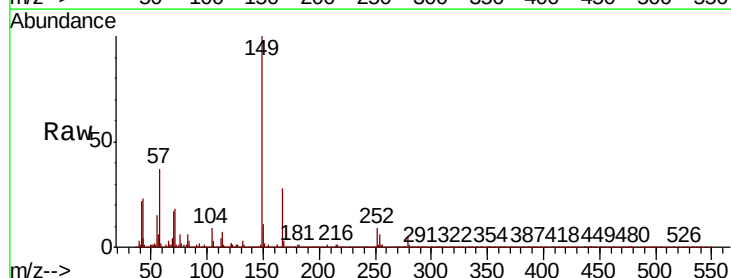
Delta R.T. -0.01 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Tgt Ion:149 Resp: 375421

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.5	35.3
279	4.9	4.0	6.0

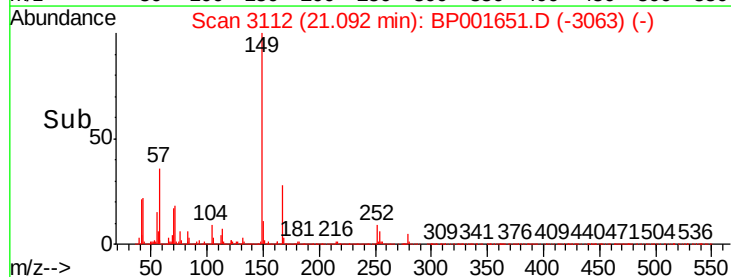
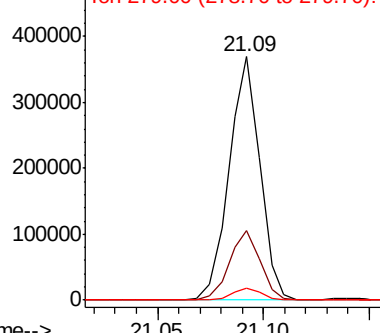


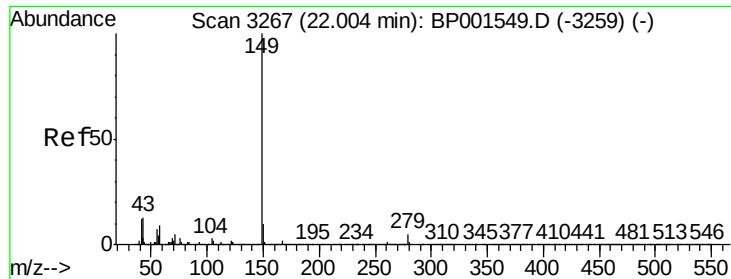
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

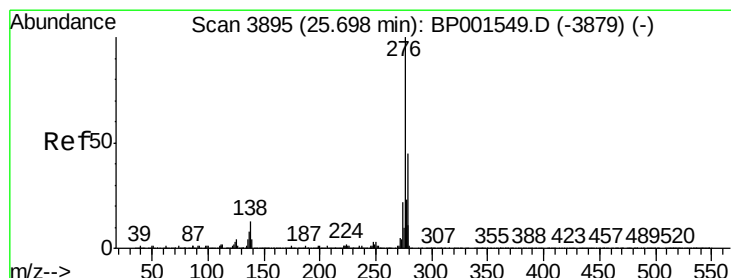
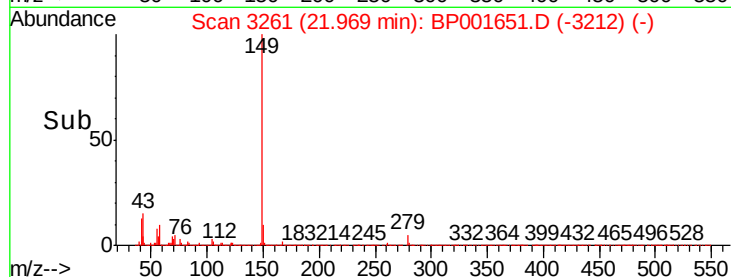
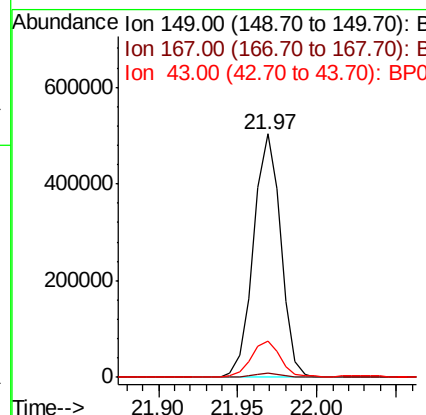
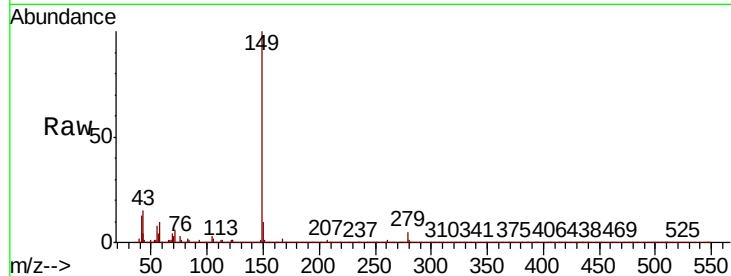




#85
Di-n-octyl phthalate
Concen: 43.708 ng
RT: 21.97 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

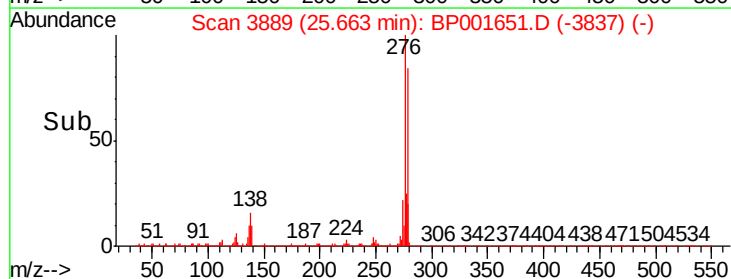
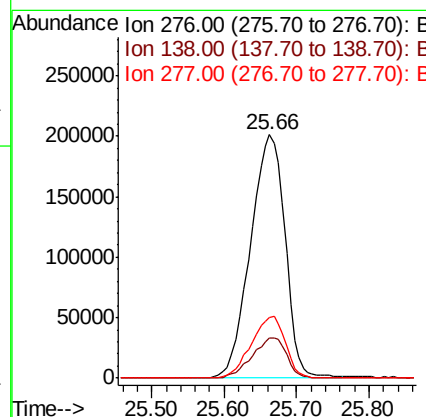
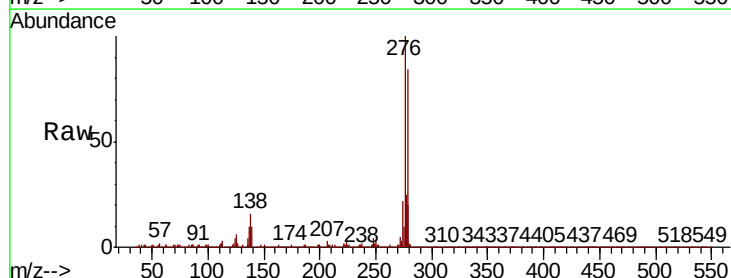
Instrument :
BNA_P
ClientSampleId :

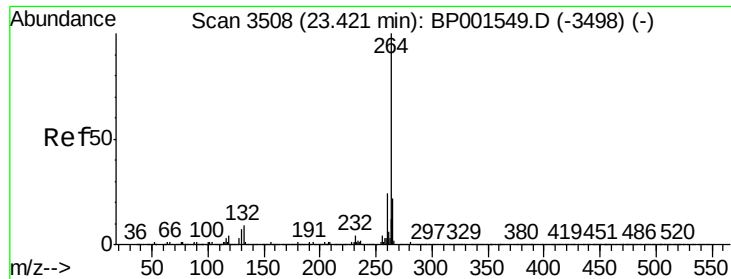
Tot Ion:149 Resp: 599336
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 15.7 10.7 16.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.457 ng
RT: 25.66 min Scan# 3889
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion:276 Resp: 668645
Ion Ratio Lower Upper
276 100
138 16.5 11.1 16.7
277 25.0 20.4 30.6

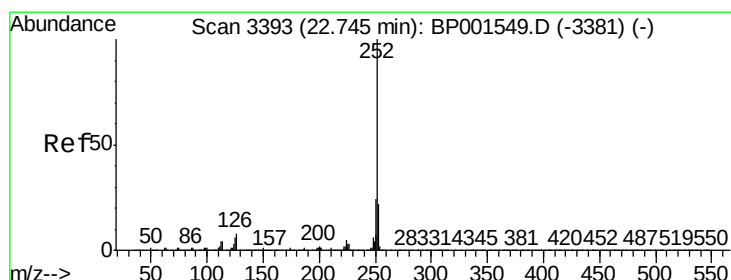
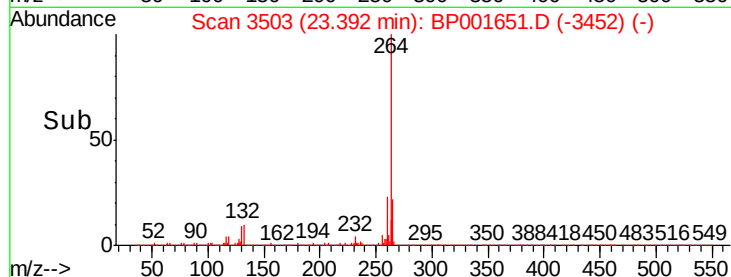
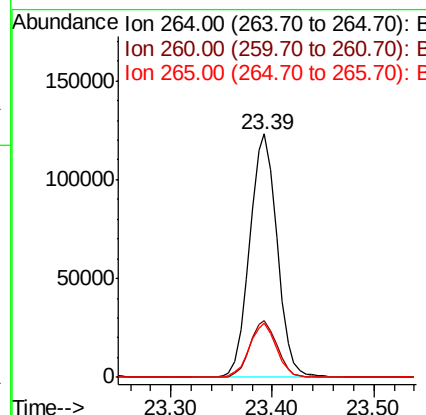
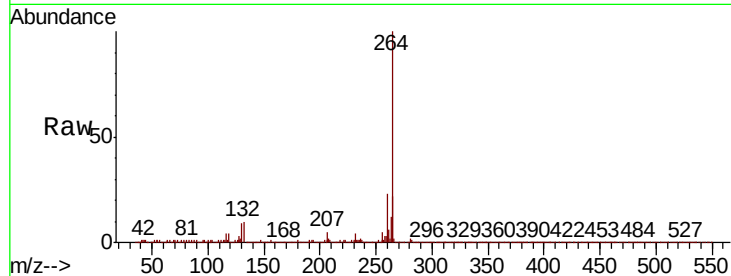




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

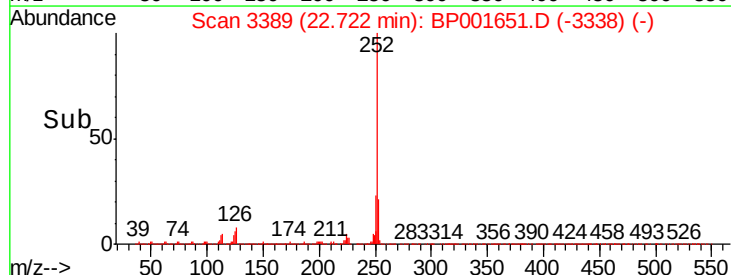
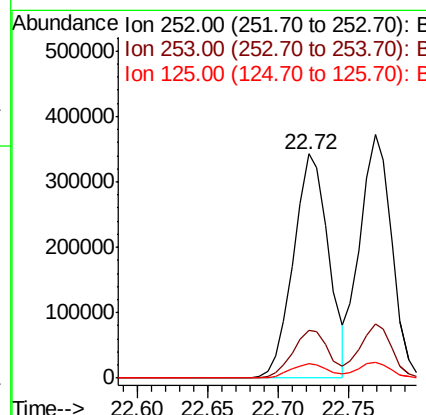
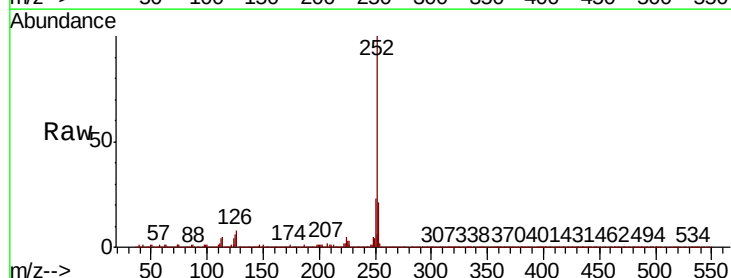
Instrument :
BNA_P
ClientSampleId :

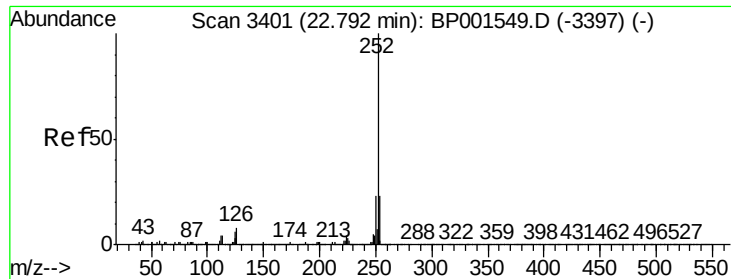
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	22.3	18.2	27.4



#88
Benzo(b)fluoranthene
Concen: 40.705 ng
RT: 22.72 min Scan# 3389
Delta R.T. 0.00 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	6.3	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 41.170 ng

RT: 22.77 min Scan# 3397

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

Instrument :

BNA_P

ClientSampleId :

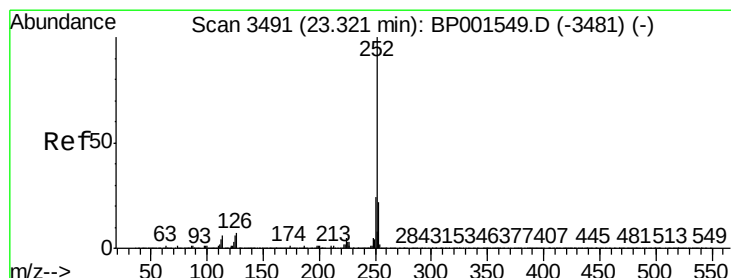
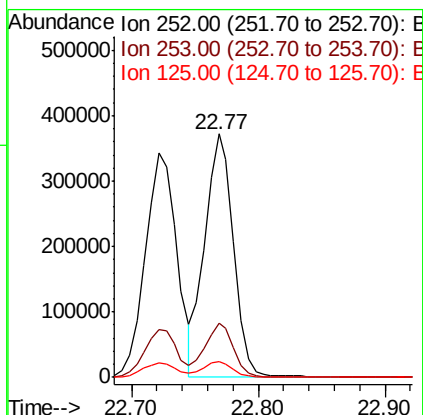
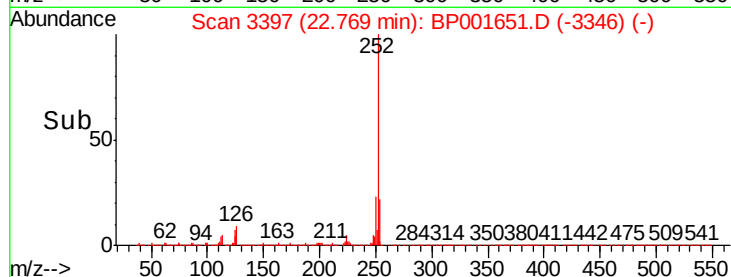
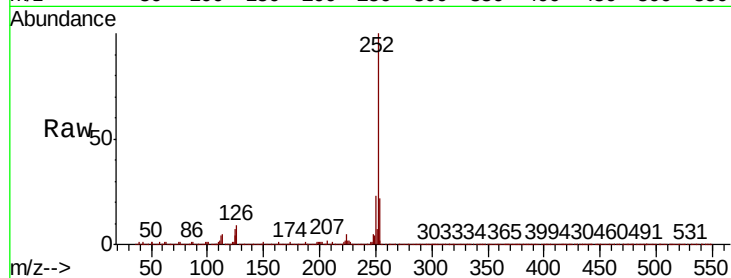
Tot Ion:252 Resp: 585536

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 6.7 4.6 6.8



#90

Benzo(a)pyrene

Concen: 40.207 ng

RT: 23.30 min Scan# 3487

Delta R.T. 0.00 min

Lab File: BP001651.D

Acq: 17 Jan 2020 11:29

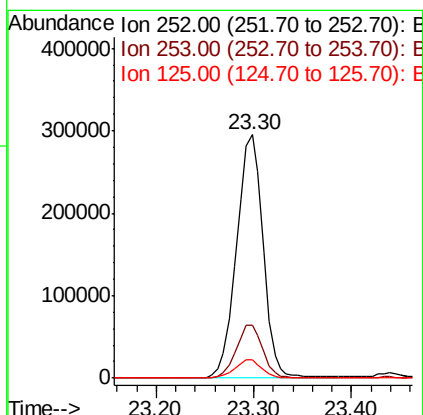
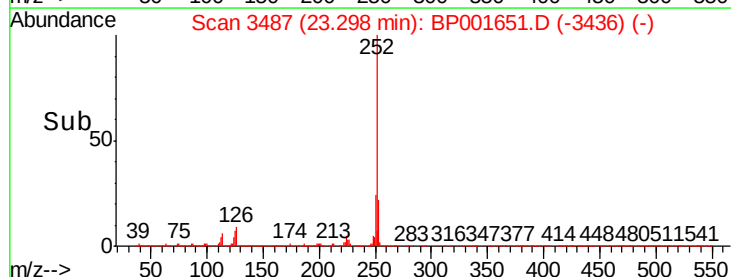
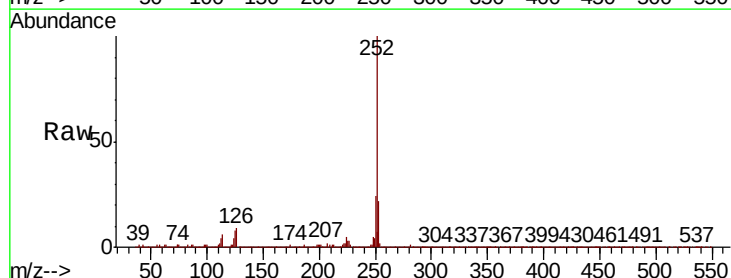
Tgt Ion:252 Resp: 556862

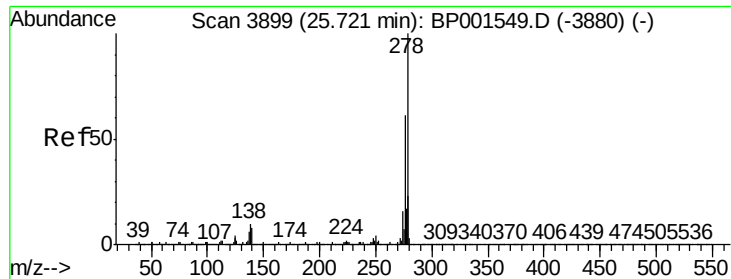
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 7.6 5.0 7.4#

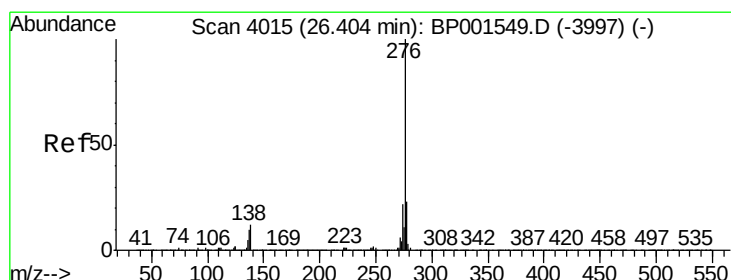
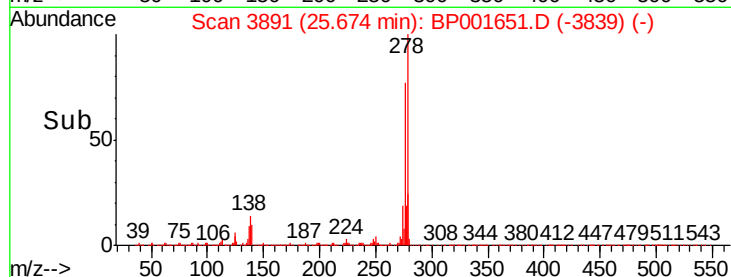
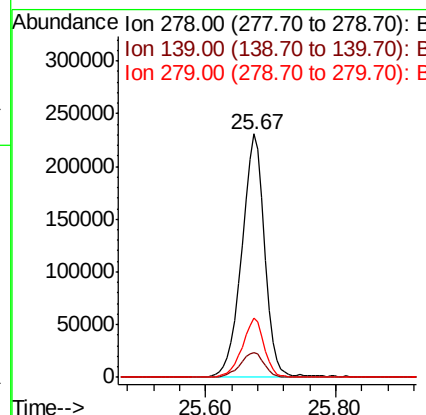
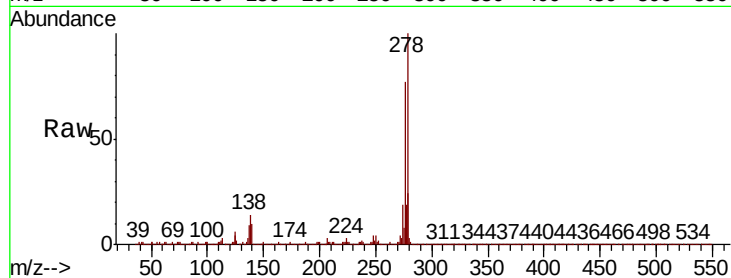




#91
Dibenzo(a,h)anthracene
Concen: 39.287 ng
RT: 25.67 min Scan# 3891
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 561409
Ion Ratio Lower Upper
278 100
139 10.2 6.7 10.1#
279 24.5 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 37.679 ng
RT: 26.35 min Scan# 4006
Delta R.T. 0.01 min
Lab File: BP001651.D
Acq: 17 Jan 2020 11:29

Tgt Ion:276 Resp: 535265
Ion Ratio Lower Upper
276 100
277 23.2 18.6 28.0
138 14.0 9.4 14.2

