

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
 Data File : BP001491.D
 Acq On : 28 Dec 2019 23:01
 Operator : JU
 Sample : K6431-11MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 29 08:08:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23811	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	84973	20.00	ng	-0.01
39) Acenaphthene-d10	13.18	164	50812	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	103830	20.00	ng	0.00
76) Chrysene-d12	19.24	240	82873	20.00	ng	0.01
87) Perylene-d12	21.02	264	84493	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.20	112	234062	158.87	ng	0.00
7) Phenol-d6	7.75	99	318307	165.57	ng	0.00
23) Nitrobenzene-d5	9.17	82	208535	94.24	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	113706	178.99	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	418334	104.10	ng	0.00
79) Terphenyl-d14	17.87	244	529057	109.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	21908	36.133	ng	96
3) Pyridine	3.40	79	57591	34.771	ng	97
4) n-Nitrosodimethylamine	3.32	42	49345	47.050	ng	# 97
6) Aniline	7.76	93	86985	35.944	ng	# 93
8) 2-Chlorophenol	7.95	128	75996	51.309	ng	95
9) Benzaldehyde	7.57	77	49301	36.558	ng	99
10) Phenol	7.77	94	108959	49.604	ng	# 80
11) bis(2-Chloroethyl)ether	7.89	93	69835	44.940	ng	92
12) 1,3-Dichlorobenzene	8.18	146	87371	47.358	ng	98
13) 1,4-Dichlorobenzene	8.30	146	88513	47.091	ng	99
14) 1,2-Dichlorobenzene	8.54	146	84884	47.404	ng	96
15) Benzyl Alcohol	8.52	79	84344	46.758	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	86048	34.964	ng	94
17) 2-Methylphenol	8.72	107	64115	48.986	ng	99
18) Hexachloroethane	9.07	117	34527	43.181	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	59684	43.733	ng	99
20) 3+4-Methylphenols	8.96	107	86330	49.705	ng	99
22) Acetophenone	8.93	105	118260	44.011	ng	# 98
24) Nitrobenzene	9.19	77	95206	43.715	ng	99
25) Isophorone	9.59	82	157854	44.366	ng	97
26) 2-Nitrophenol	9.70	139	40620	52.305	ng	99
27) 2,4-Dimethylphenol	9.80	122	67067	58.718	ng	97
28) bis(2-Chloroethoxy)methane	9.95	93	89011	41.887	ng	98
29) 2,4-Dichlorophenol	10.10	162	72734	51.428	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	83149	47.797	ng	96
31) Naphthalene	10.35	128	228144	49.186	ng	98
32) Benzoic acid	10.03	122	36556	40.465	ng	# 89
33) 4-Chloroaniline	10.45	127	35710	18.825	ng	97
34) Hexachlorobutadiene	10.57	225	53926	44.443	ng	96
35) Caprolactam	11.04	113	11739	27.894	ng	91
36) 4-Chloro-3-methylphenol	11.28	107	77850	47.104	ng	93
37) 2-Methylnaphthalene	11.48	142	164671	51.424	ng	98
38) 1-Methylnaphthalene	11.64	142	153984	51.148	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	90775	48.316	ng	# 97

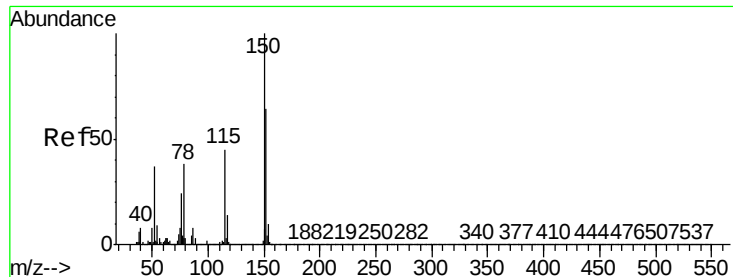
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
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 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	89213	96.007	nq	99
43) 2,4,6-Trichlorophenol	11.96	196	57101	49.419	nq	97
44) 2,4,5-Trichlorophenol	12.02	196	60742	51.165	nq	97
46) 1,1'-Biphenyl	12.25	154	210912	49.602	nq	99
47) 2-Chloronaphthalene	12.27	162	163037	47.429	nq	96
48) 2-Nitroaniline	12.45	65	57293	41.623	nq	95
49) Acenaphthylene	12.95	152	252914	50.331	nq	99
50) Dimethylphthalate	12.79	163	238200	57.142	nq	100
51) 2,6-Dinitrotoluene	12.86	165	41790	49.372	nq	93
52) Acenaphthene	13.23	154	147336	48.664	nq	99
53) 3-Nitroaniline	13.13	138	21007	23.123	nq	88
54) 2,4-Dinitrophenol	13.31	184	36546	111.815	nq	95
55) Dibenzofuran	13.52	168	239408	50.469	nq	99
56) 4-Nitrophenol	13.46	139	62219	95.776	nq	98
57) 2,4-Dinitrotoluene	13.52	165	58922	50.084	nq	# 95
58) Fluorene	14.09	166	190431	50.191	nq	98
59) 2,3,4,6-Tetrachlorophenol	13.73	232	51261	50.294	nq	97
60) Diethylphthalate	13.95	149	191836	44.618	nq	98
61) 4-Chlorophenyl-phenylether	14.10	204	101125	50.703	nq	96
62) 4-Nitroaniline	12.45	138	48601	46.196	nq	94
63) Azobenzene	14.36	77	198604	43.876	nq	95
65) 4,6-Dinitro-2-methylphenol	14.20	198	28458	61.198	nq	95
66) n-Nitrosodiphenylamine	14.30	169	165308	50.220	nq	98
67) 4-Bromophenyl-phenylether	14.90	248	60041	48.910	nq	97
68) Hexachlorobenzene	14.99	284	66954	47.909	nq	97
69) Atrazine	15.20	200	58509	49.484	nq	97
70) Pentachlorophenol	15.31	266	66345	92.573	nq	95
71) Phenanthrene	15.62	178	299594	50.575	nq	100
72) Anthracene	15.70	178	296438	50.550	nq	100
73) Carbazole	15.95	167	253279	48.444	nq	99
74) Di-n-butylphthalate	16.50	149	310409	43.264	nq	99
75) Fluoranthene	17.34	202	340073	51.341	nq	98
77) Benzidine	17.53	184	141905	58.812	nq	98
78) Pyrene	17.65	202	335993	52.217	nq	99
80) Butylbenzylphthalate	18.53	149	128394	42.800	nq	89
81) Benzo(a)anthracene	19.23	228	297347	49.239	nq	99
82) 3,3'-Dichlorobenzidine	19.20	252	82291	39.243	nq	99
83) Chrysene	19.27	228	282460	48.459	nq	99
84) Bis(2-ethylhexyl)phthalate	19.28	149	184758	41.972	nq	98
85) Di-n-octyl phthalate	20.06	149	308013	42.218	nq	98
86) Indeno(1,2,3-cd)pyrene	22.68	276	296623	47.119	nq	99
88) Benzo(b)fluoranthene	20.53	252	273772	49.338	nq	98
89) Benzo(k)fluoranthene	20.57	252	265322	50.195	nq	98
90) Benzo(a)pyrene	20.94	252	246313	48.728	nq	99
91) Dibenzo(a,h)anthracene	22.71	278	251863	50.960	nq	99
92) Benzo(g,h,i)perylene	23.18	276	243734	51.609	nq	96

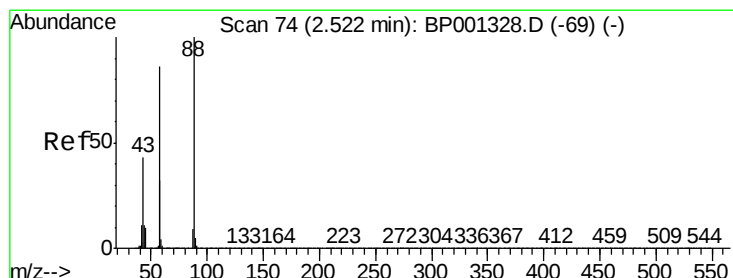
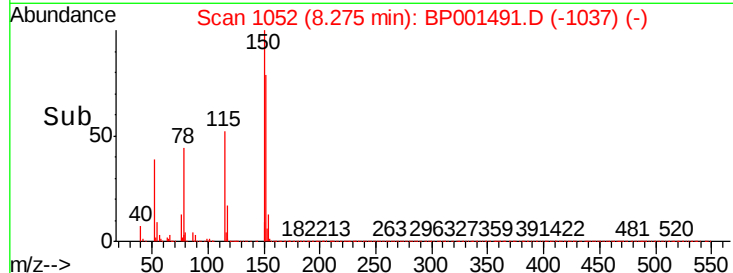
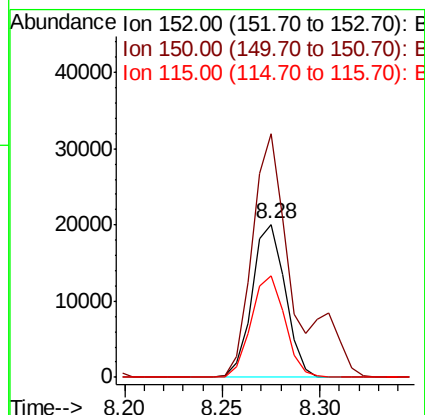
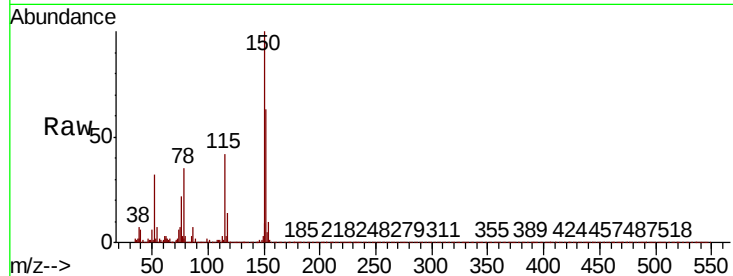
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.28 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BP001491.D
 Acq: 28 Dec 2019 23:01

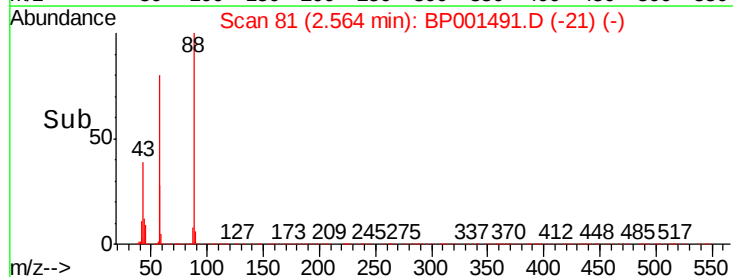
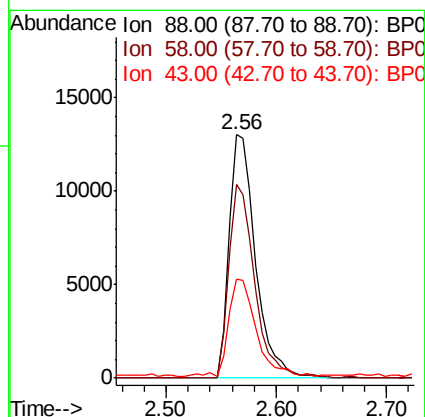
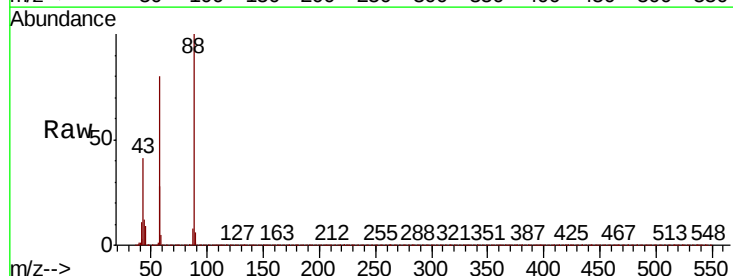
Instrument :
 BNA_P
 ClientSampleId :

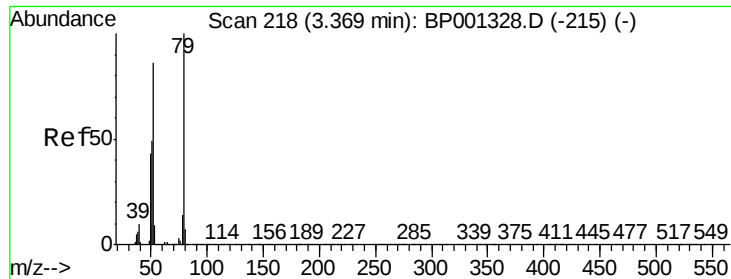
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	127.0	190.6
115	66.6	56.1	84.1



#2
 1,4-Dioxane
 Concen: 36.133 ng
 RT: 2.56 min Scan# 81
 Delta R.T. 0.05 min
 Lab File: BP001491.D
 Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	66.9	100.3
43	41.8	32.9	49.3





#3

Pvridine

Concen: 34.771 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.05 min

Lab File: BP001491.D

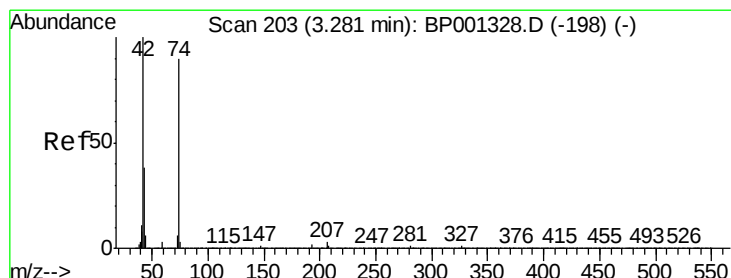
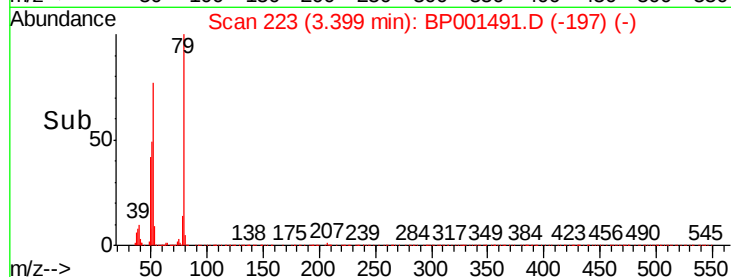
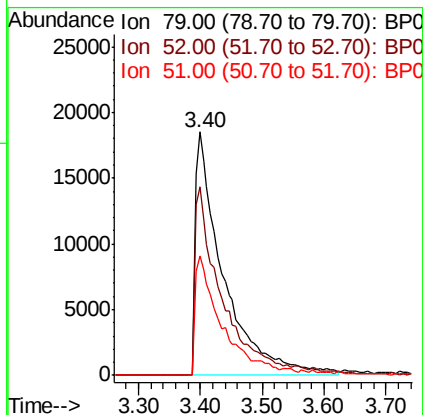
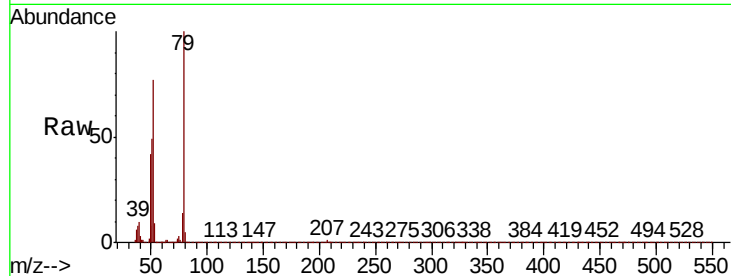
Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	79	Resp:	57591
Ion	Ratio	Lower	Upper
79	100		
52	77.3	64.6	96.8
51	48.8	40.2	60.2



#4

n-Nitrosodimethylamine

Concen: 47.050 ng

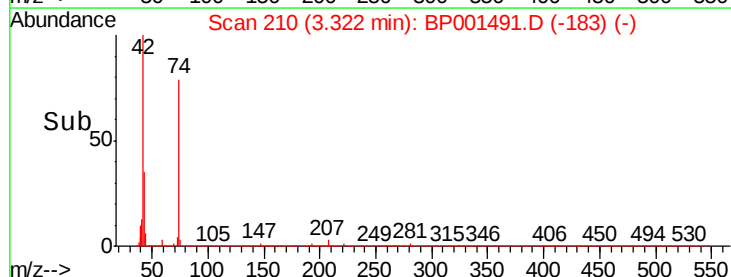
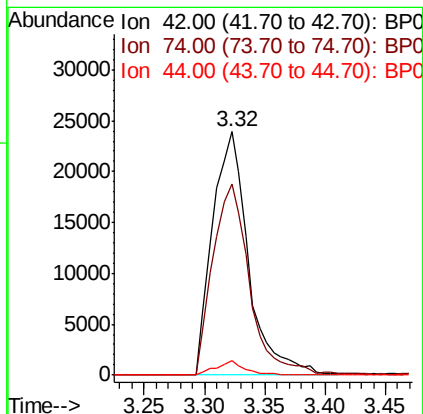
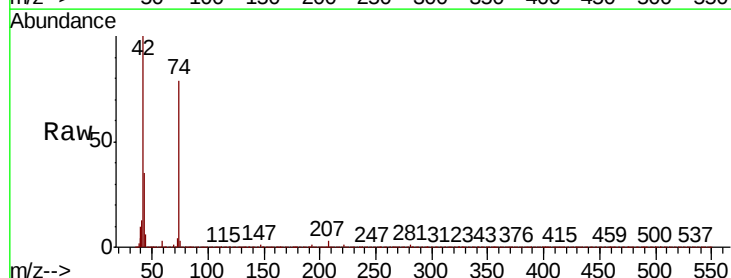
RT: 3.32 min Scan# 210

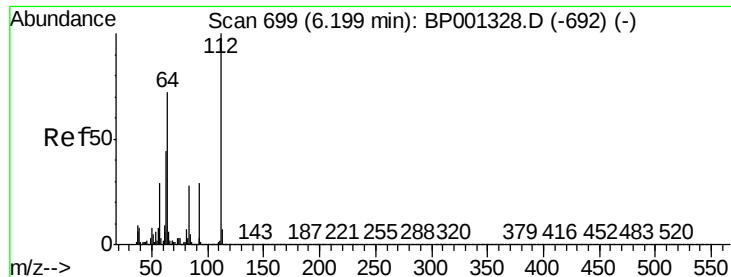
Delta R.T. 0.06 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Tgt Ion:	42	Resp:	49345
Ion	Ratio	Lower	Upper
42	100		
74	78.6	65.3	97.9
44	5.7	3.8	5.6#





#5

2-Fluorophenol

Concen: 158.872 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

ClientSampleId :

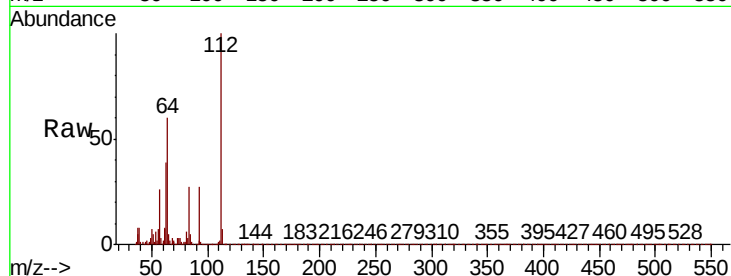
Tot Ion: 112 Resp: 234062

Ion Ratio Lower Upper

112 100

64 59.6 53.9 80.9

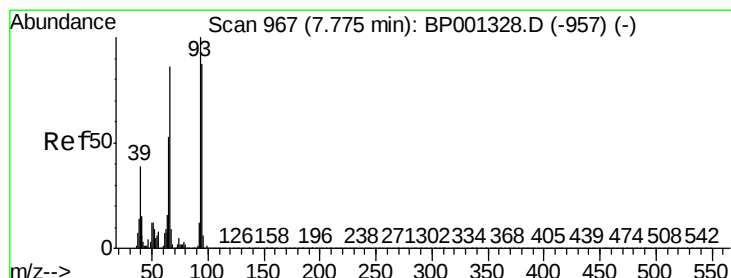
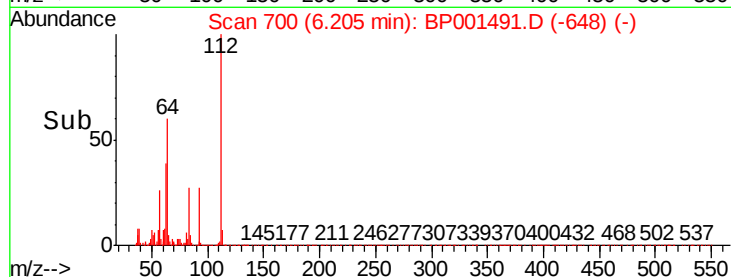
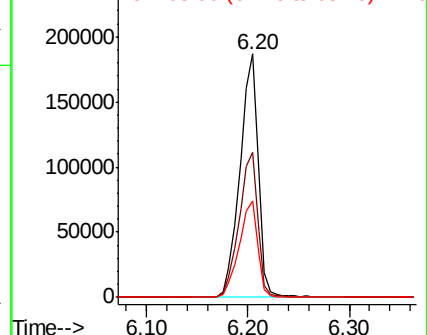
63 39.4 33.4 50.0



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: 35.944 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

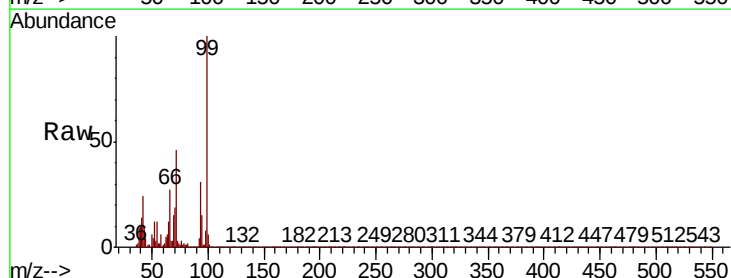
Tgt Ion: 93 Resp: 86985

Ion Ratio Lower Upper

93 100

66 85.5 69.0 103.6

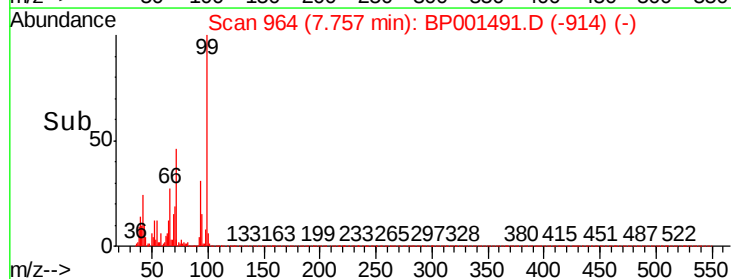
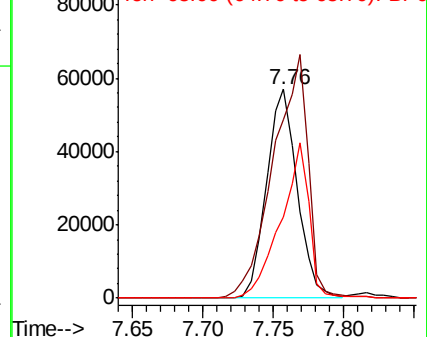
65 39.1 41.1 61.7#

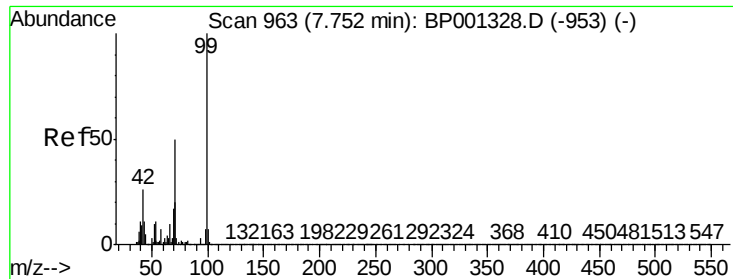


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 165.575 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

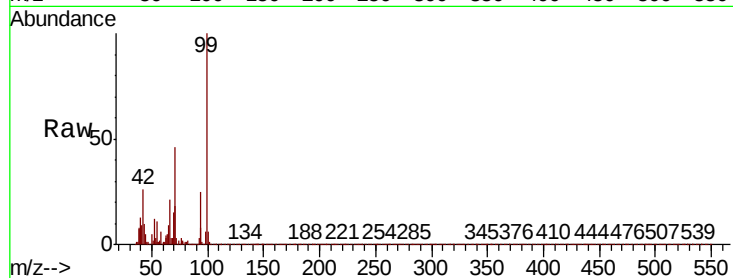
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 318307

Ion	Ratio	Lower	Upper
99	100		
42	26.0	20.8	31.2
71	46.2	38.2	57.4

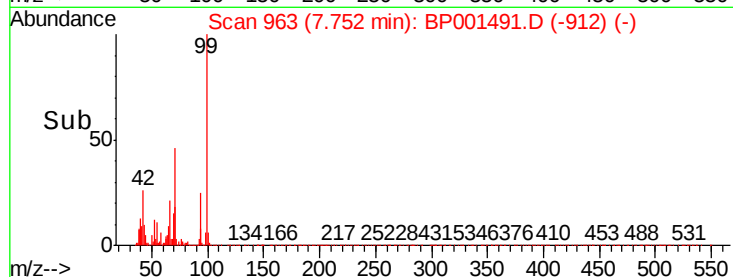


Abundance

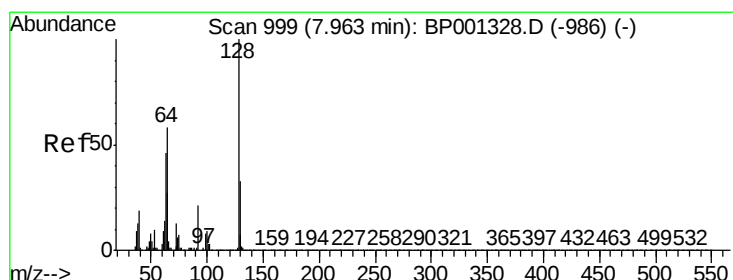
Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#8

2-Chlorophenol

Concen: 51.309 ng

RT: 7.95 min Scan# 996

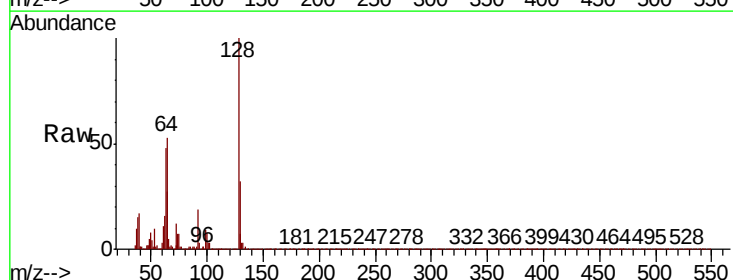
Delta R.T. -0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Tgt Ion: 128 Resp: 75996

Ion	Ratio	Lower	Upper
128	100		
130	32.0	10.7	50.7
64	53.2	37.7	77.7

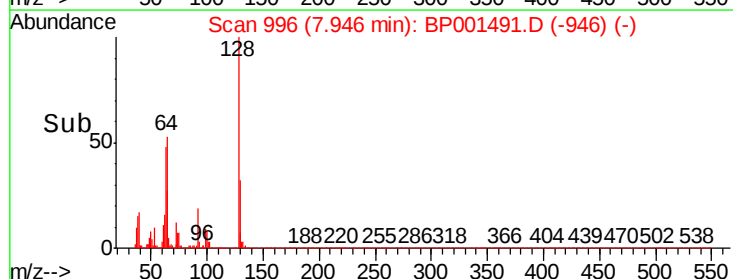


Abundance

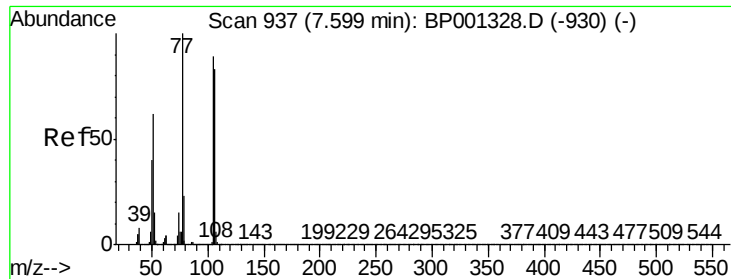
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0



Time-->



#9

Benzaldehyde

Concen: 36.558 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

ClientSampled :

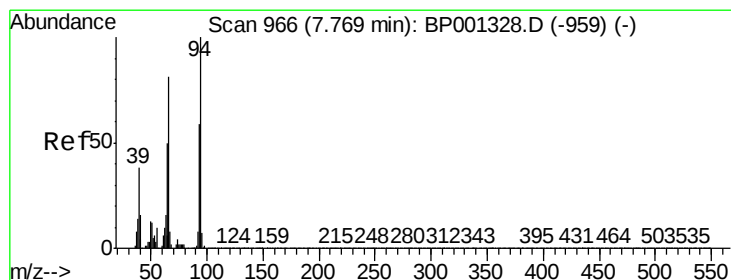
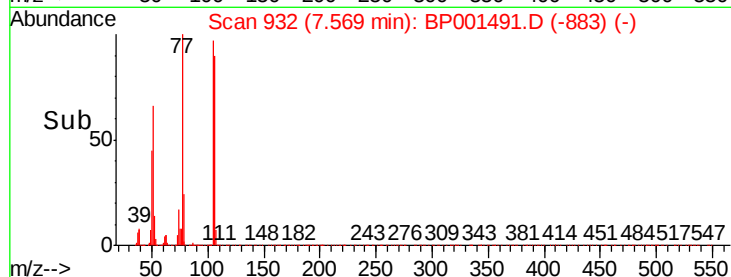
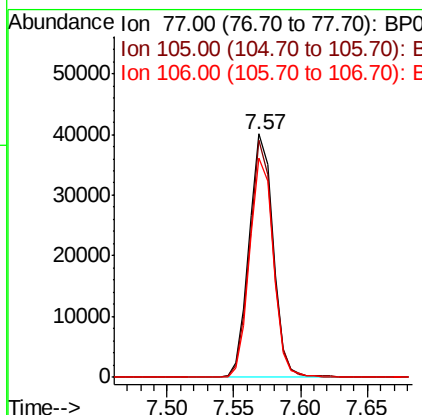
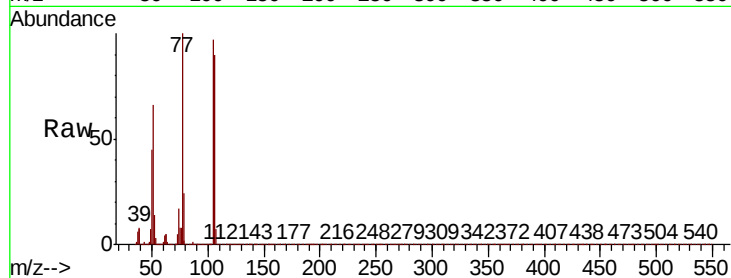
Tot Ion: 77 Resp: 49301

Ion Ratio Lower Upper

77 100

105 97.2 75.7 115.7

106 90.1 70.5 110.5



#10

Phenol

Concen: 49.604 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

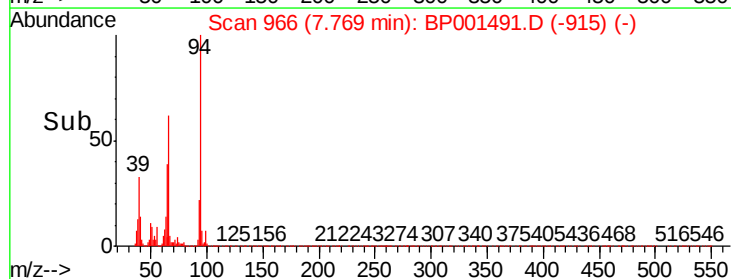
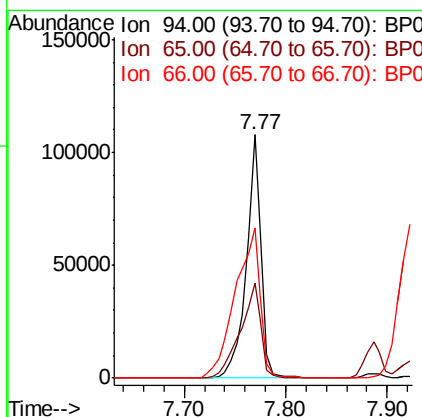
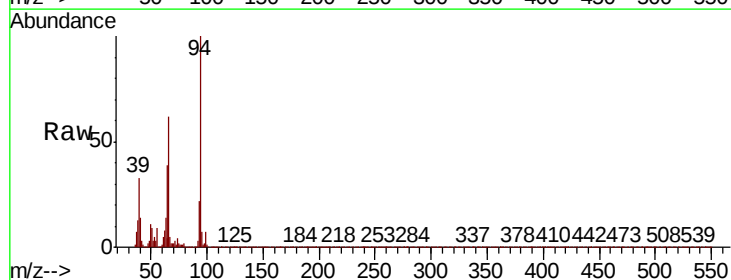
Tgt Ion: 94 Resp: 108959

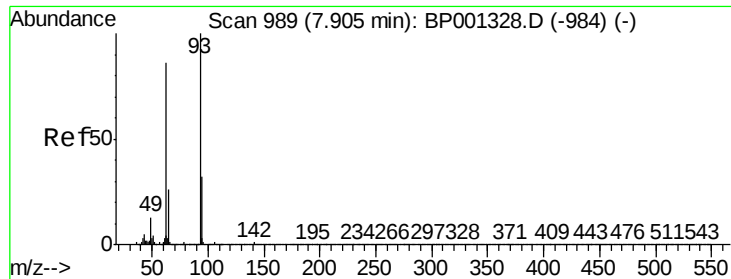
Ion Ratio Lower Upper

94 100

65 39.2 29.6 69.6

66 61.6 62.3 102.3#

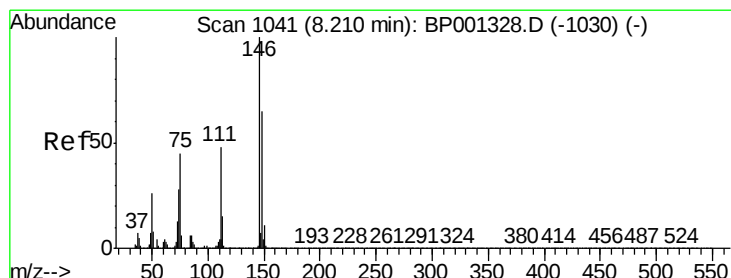
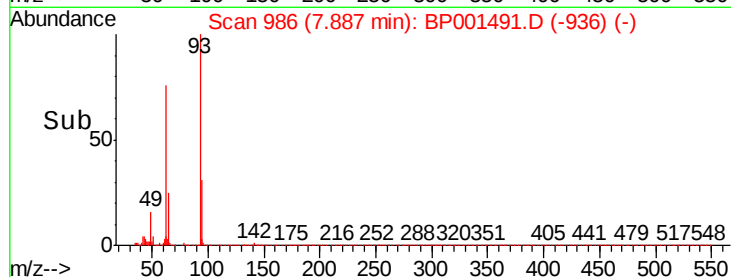
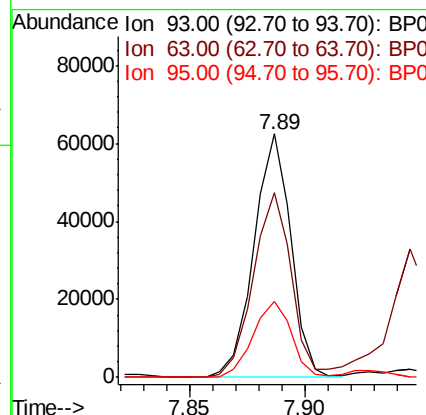
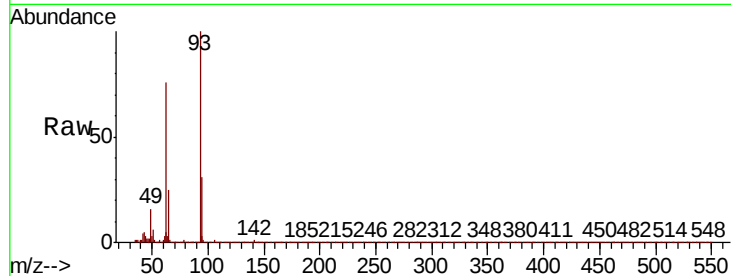




#11
bis(2-Chloroethyl)ether
Concen: 44.940 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

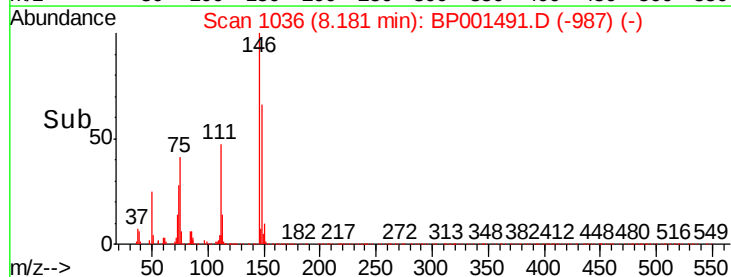
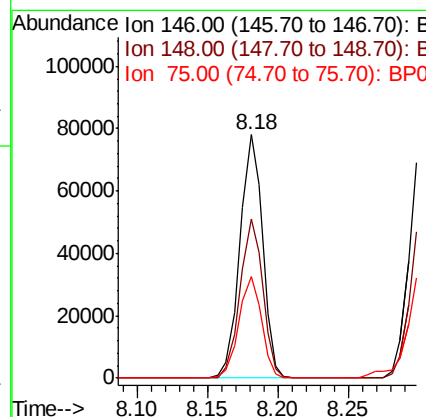
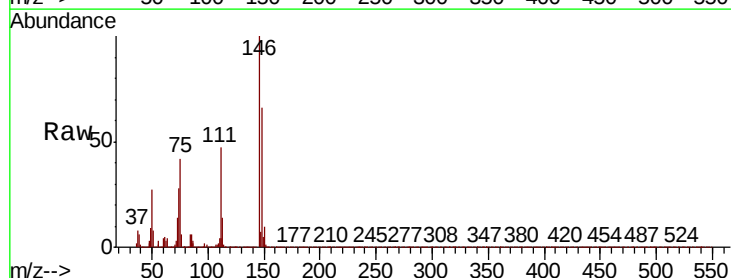
Instrument :
BNA_P
ClientSampleId :

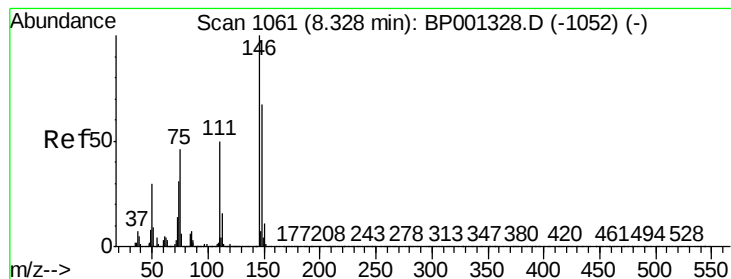
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	64.9	104.9
95	31.1	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 47.358 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.2
75	41.8	35.8	53.8





#13

1,4-Dichlorobenzene

Concen: 47.091 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

ClientSampleId :

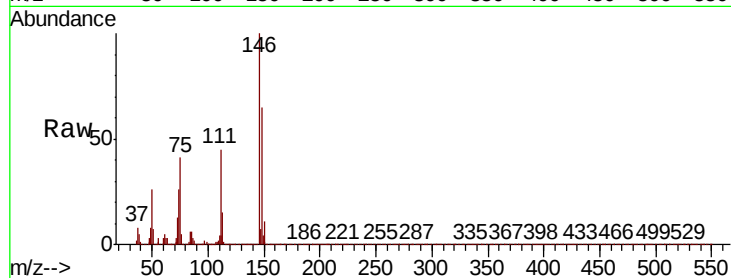
Tot Ion:146 Resp: 88513

Ion Ratio Lower Upper

146 100

148 65.4 51.9 77.9

111 44.8 36.8 55.2

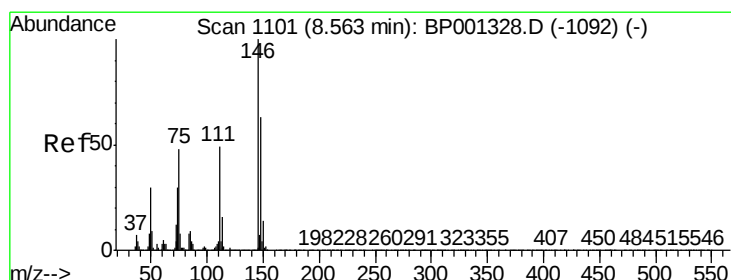
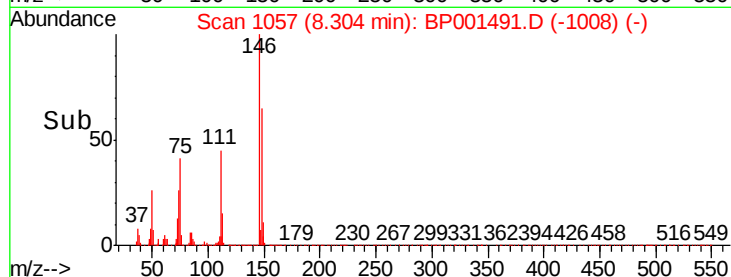
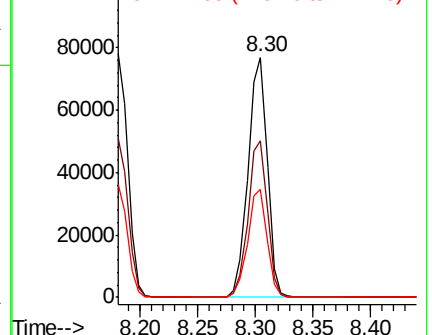


Abundance

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: 47.404 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

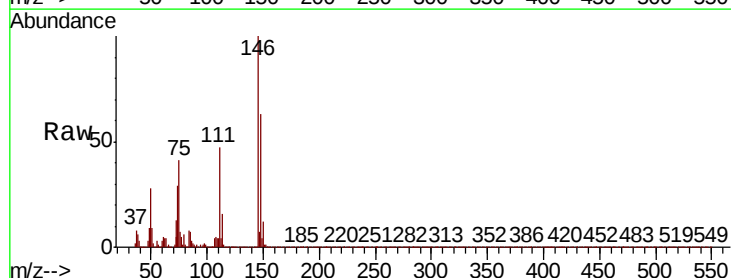
Tgt Ion:146 Resp: 84884

Ion Ratio Lower Upper

146 100

148 63.2 53.1 79.7

111 46.6 39.5 59.3

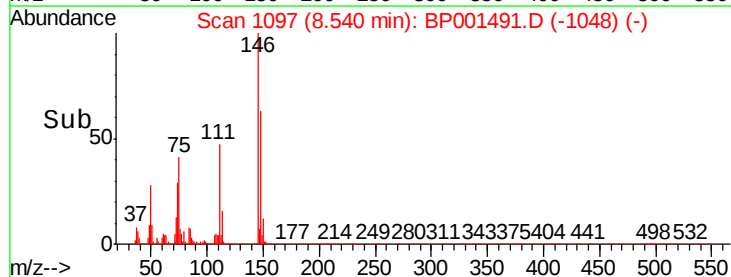
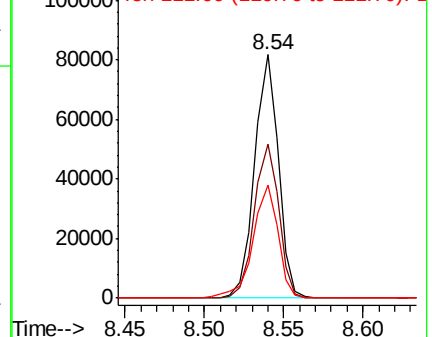


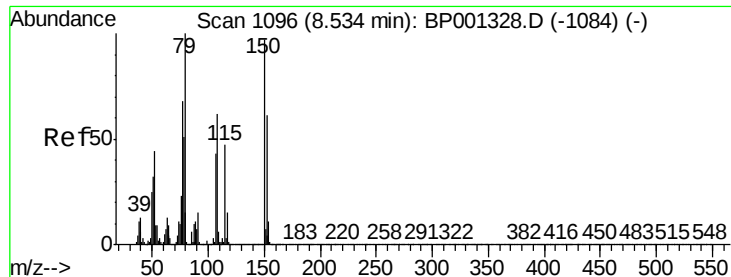
Abundance

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

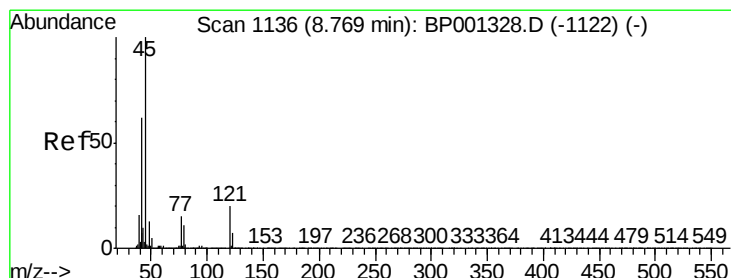
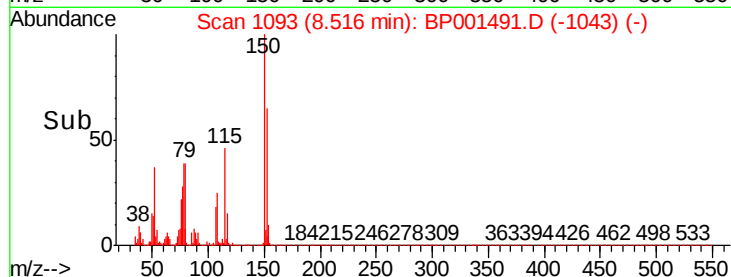
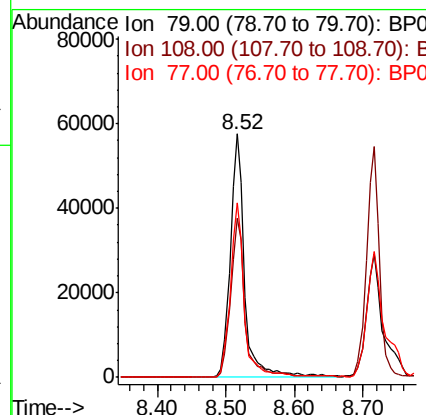
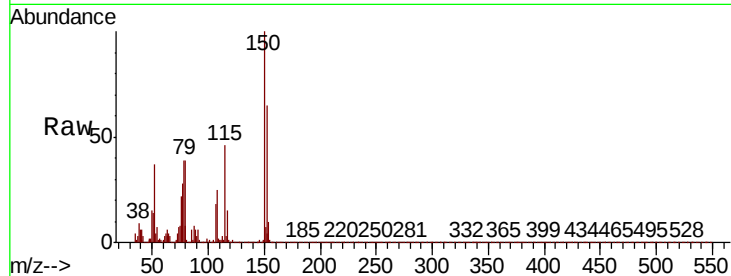




#15
Benzyl Alcohol
Concen: 46.758 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

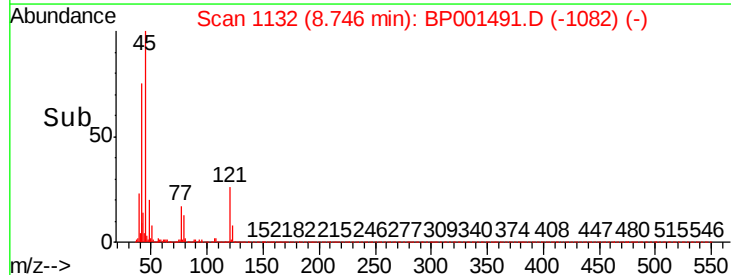
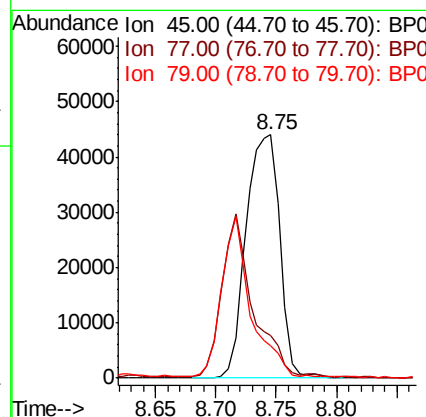
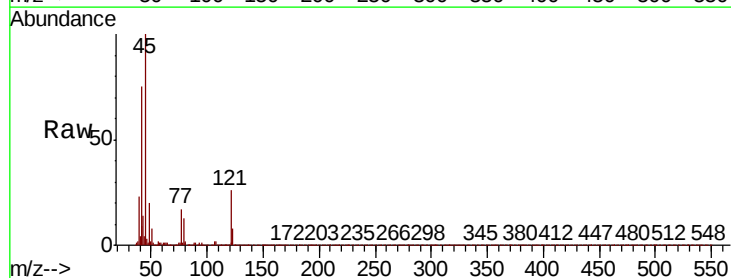
Instrument :
BNA_P
ClientSampleId :

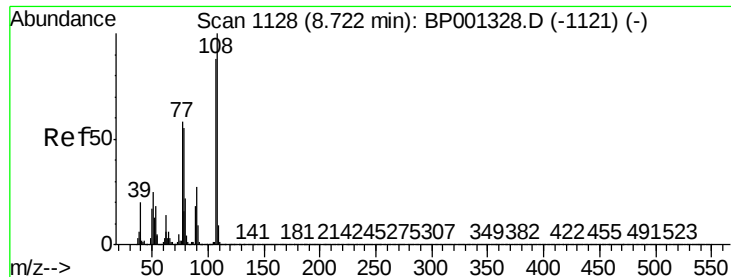
Tot Ion	Ratio	Lower	Upper
79	100		
108	65.2	49.0	73.4
77	71.5	56.7	85.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.964 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	34.7
79	13.4	0.0	31.8

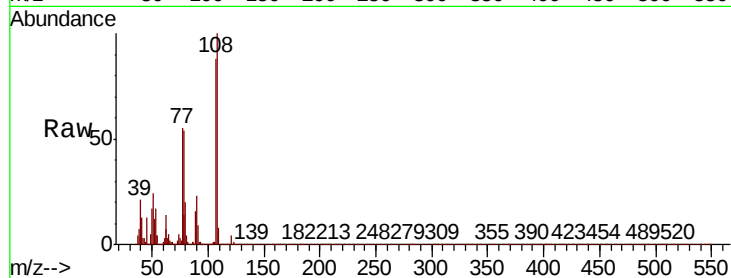




#17
2-Methylphenol
Concen: 48.986 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	64115
Ion	Ratio	Lower	Upper
107	100		
108	113.1	88.8	133.2
77	61.7	48.9	73.3
79	60.6	48.8	73.2



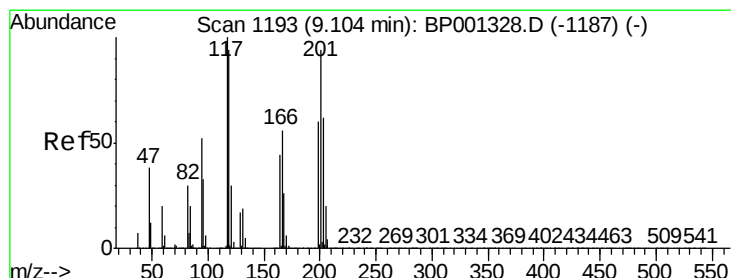
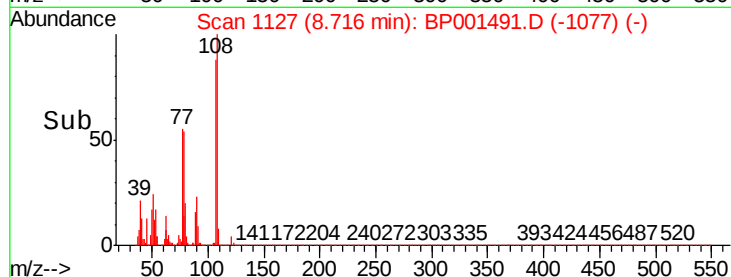
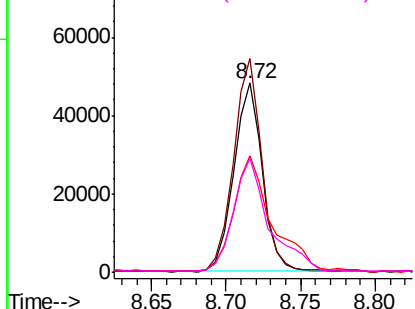
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

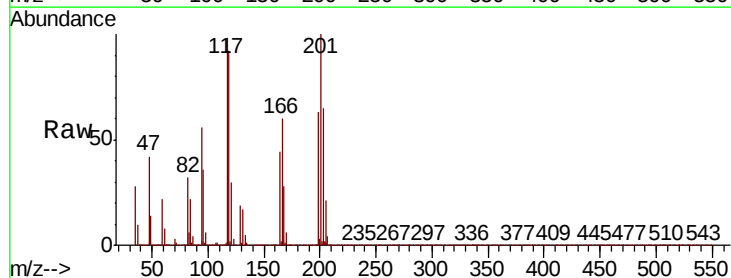
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 43.181 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion:	117	Resp:	34527
Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.8	113.6
201	101.9	77.8	116.6

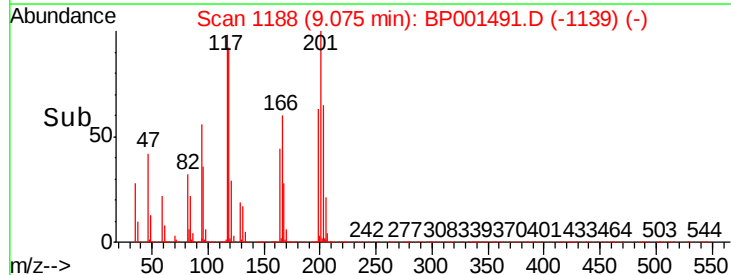
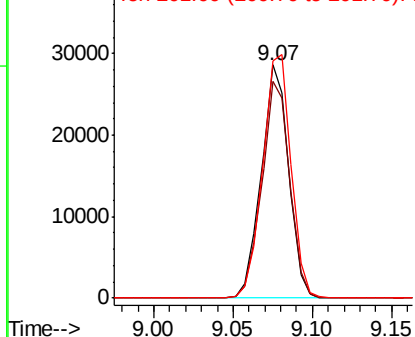


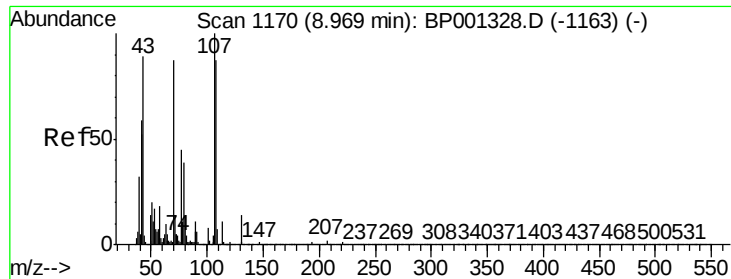
Abundance

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

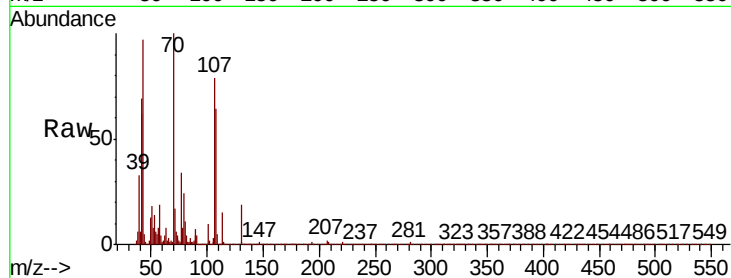




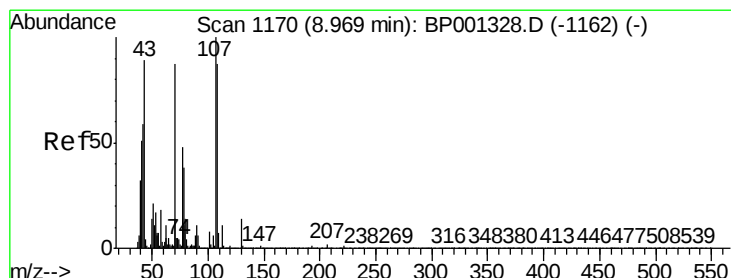
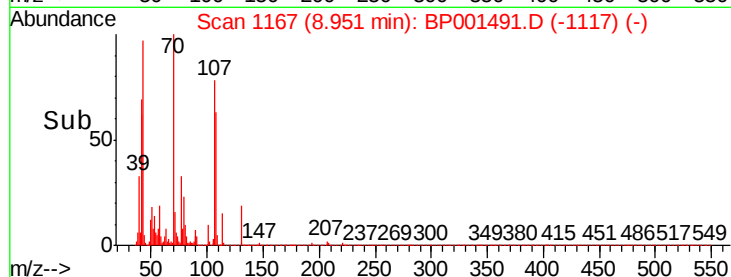
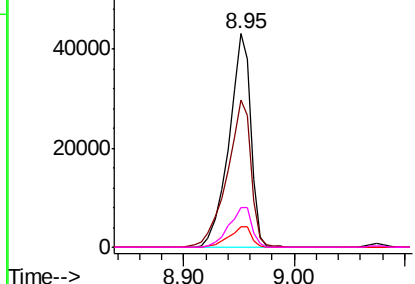
#19
n-Nitroso-di-n-propylamine
Concen: 43.733 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 70 Resp: 59684
Ion Ratio Lower Upper
70 100
42 69.1 55.8 83.8
101 9.7 8.2 12.2
130 18.5 14.5 21.7

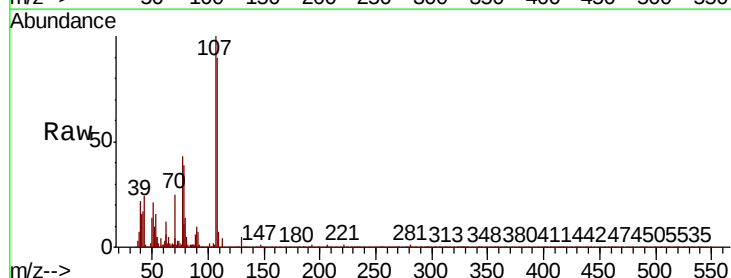


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

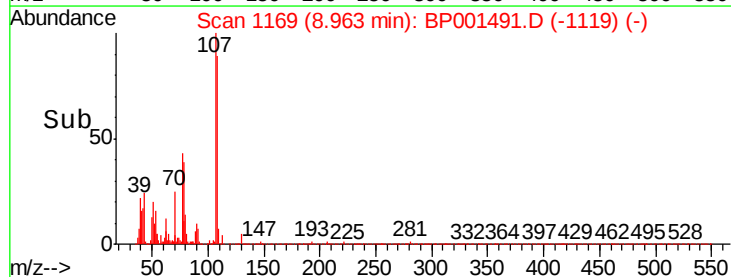
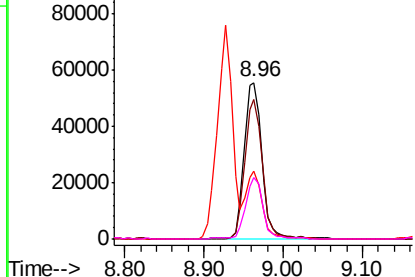


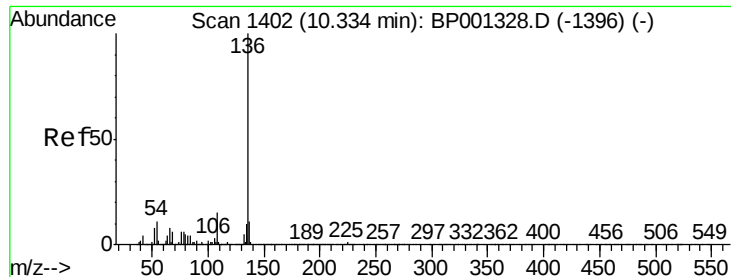
#20
3+4-Methylphenols
Concen: 49.705 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion:107 Resp: 86330
Ion Ratio Lower Upper
107 100
108 89.5 70.4 110.4
77 43.3 24.5 64.5
79 39.0 18.8 58.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

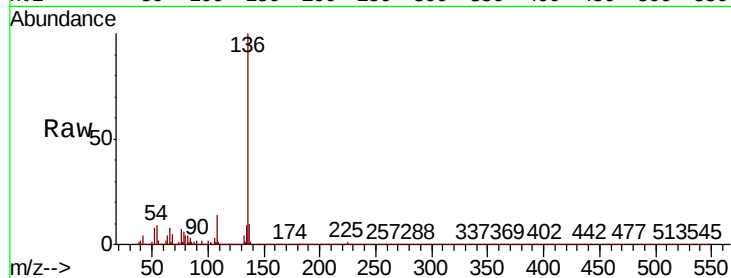




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	84973	
Ion Ratio	Lower	Upper	
136 100			
137 10.4	9.0	13.4	
54 9.1	7.3	10.9	
68 5.3	3.8	5.6	



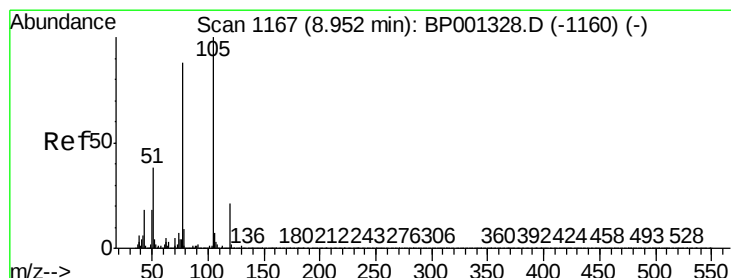
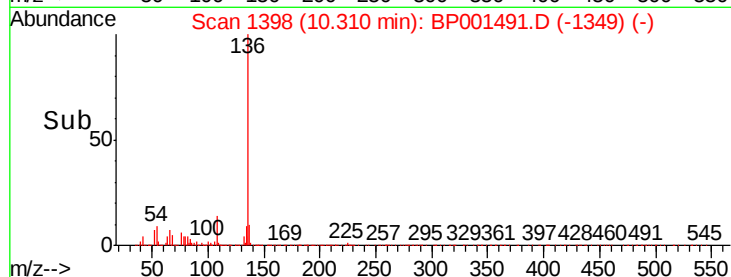
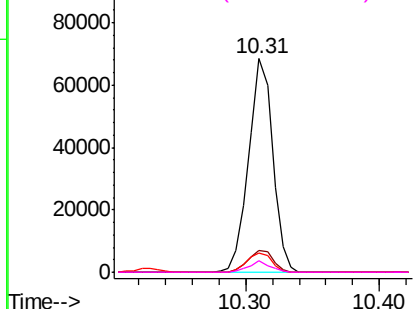
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

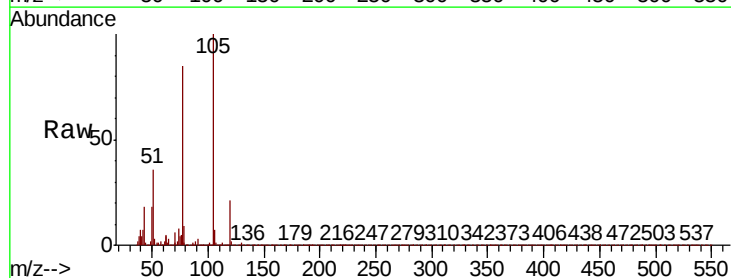
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22
Acetophenone
Concen: 44.011 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt	Ion:105	Resp:	118260
Ion	Ratio	Lower	Upper
105	100		
71	1.1	0.2	0.4#
51	36.1	29.8	44.6
120	21.1	15.6	23.4



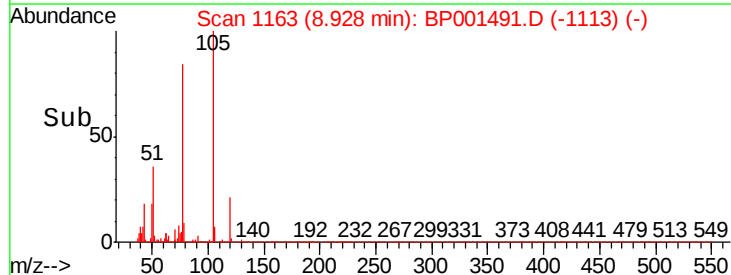
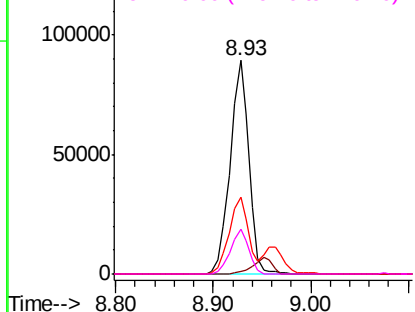
Abundance

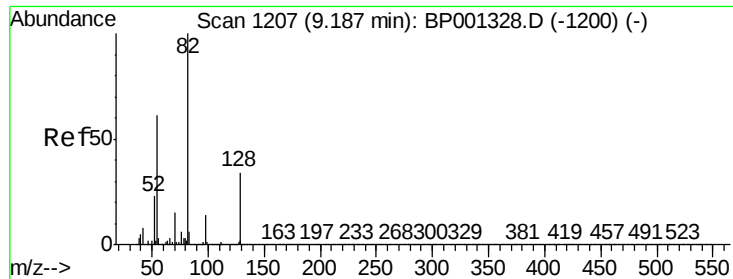
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

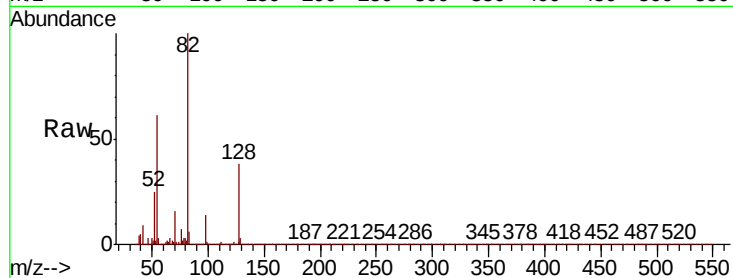




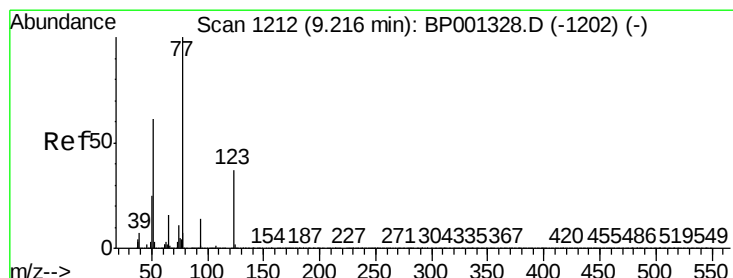
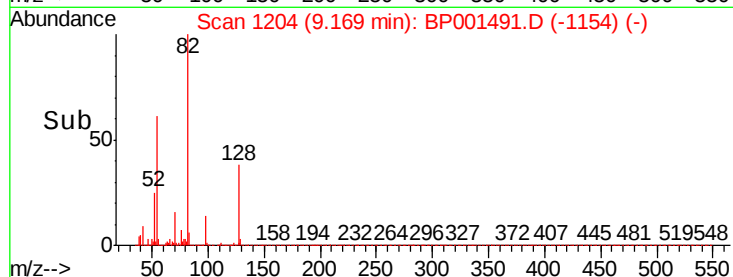
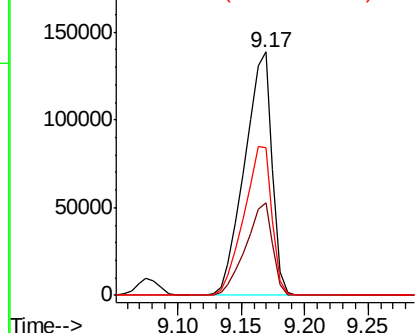
#23
Nitrobenzene-d5
Concen: 94.242 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 82 Resp: 208535
Ion Ratio Lower Upper
82 100
128 38.2 27.4 41.0
54 60.8 47.5 71.3

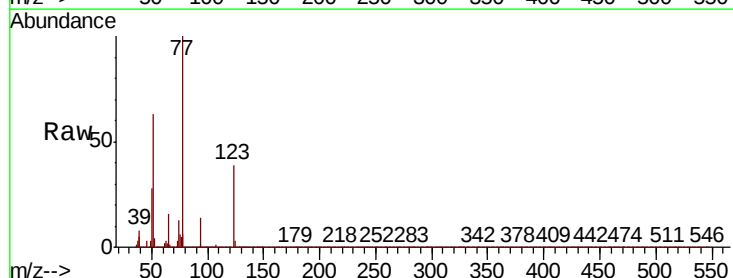


Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

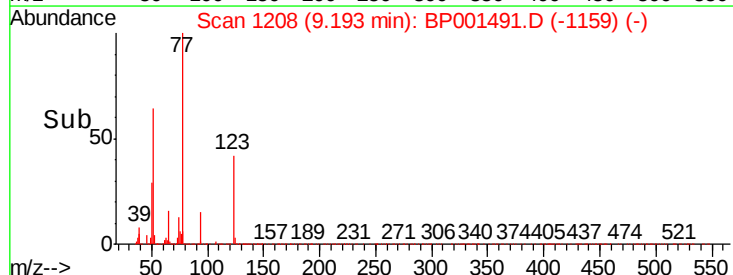
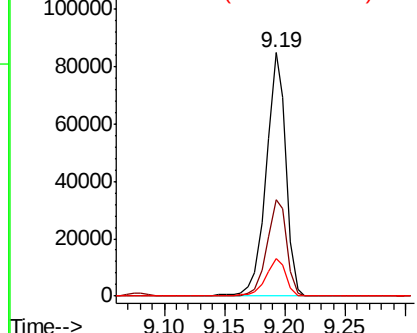


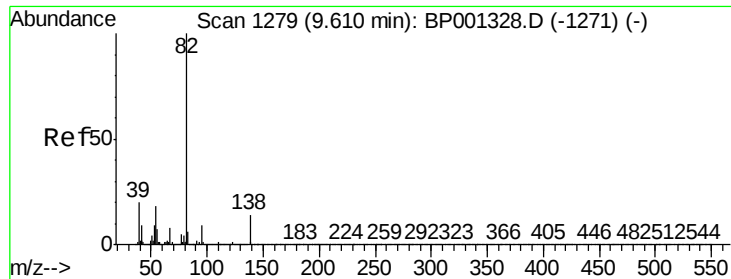
#24
Nitrobenzene
Concen: 43.715 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion: 77 Resp: 95206
Ion Ratio Lower Upper
77 100
123 39.4 30.9 46.3
65 15.7 13.0 19.4



Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BP0





#25

Isophorone

Concen: 44.366 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

ClientSampleId :

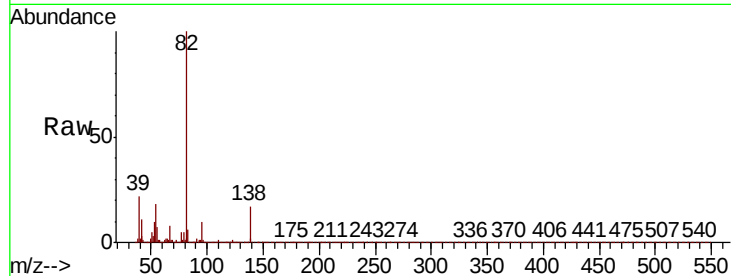
Tot Ion: 82 Resp: 157854

Ion Ratio Lower Upper

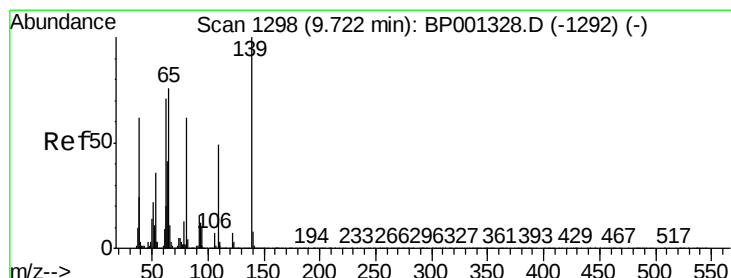
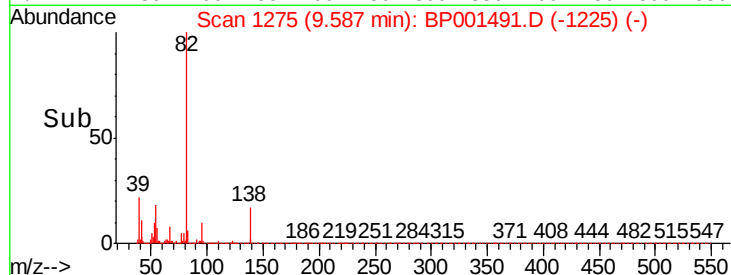
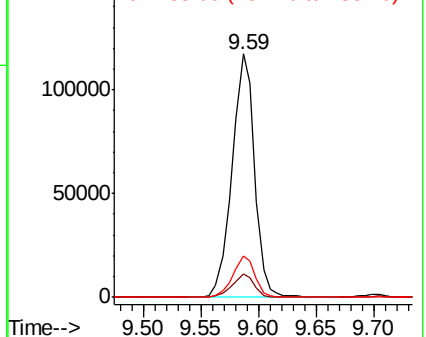
82 100

95 9.6 7.3 10.9

138 16.8 11.9 17.9



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: 52.305 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

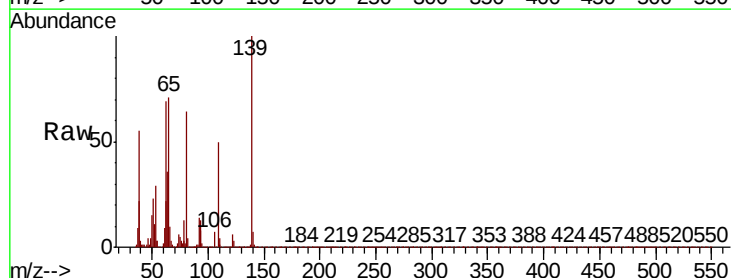
Tgt Ion: 139 Resp: 40620

Ion Ratio Lower Upper

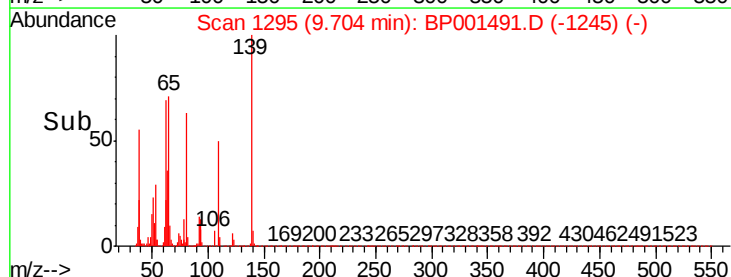
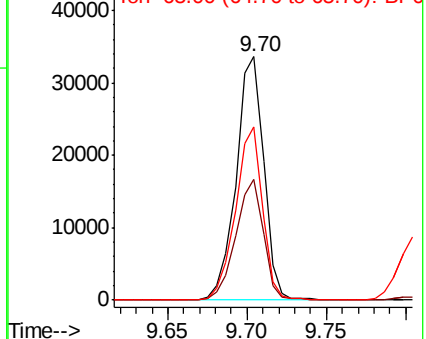
139 100

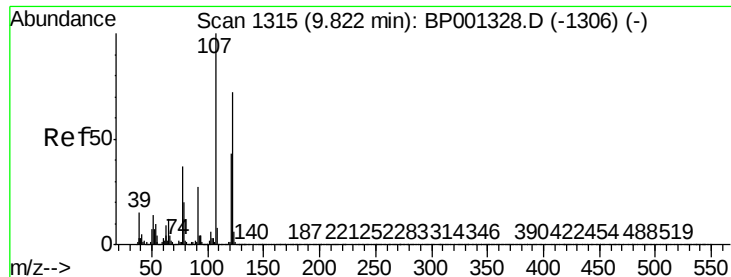
109 49.7 40.5 60.7

65 71.1 56.2 84.4



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

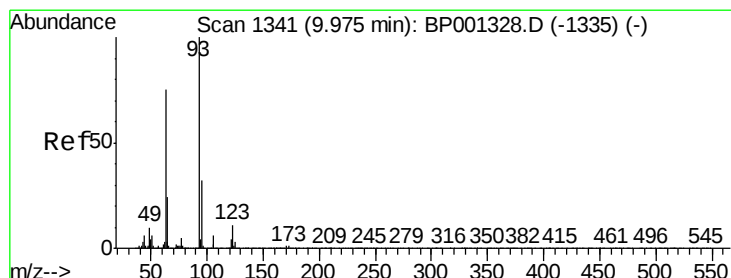
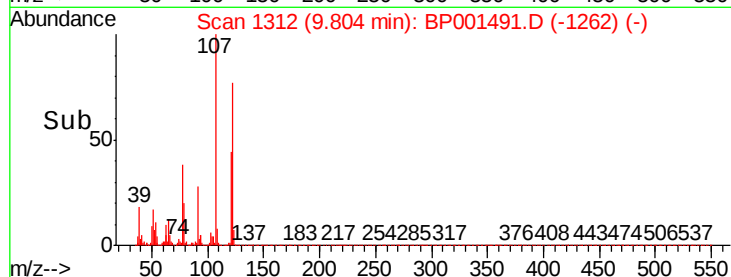
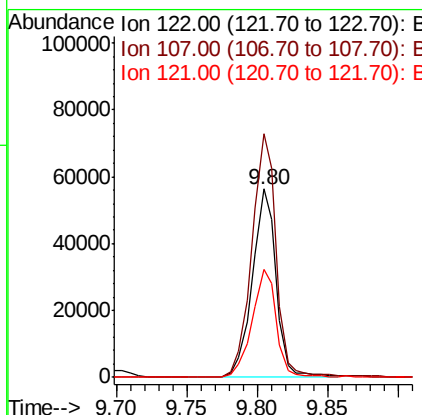
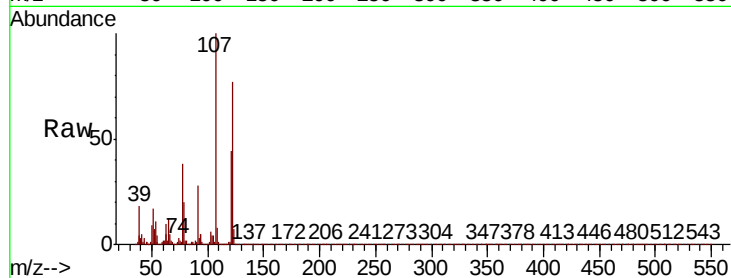




#27
2,4-Dimethylphenol
Concen: 58.718 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

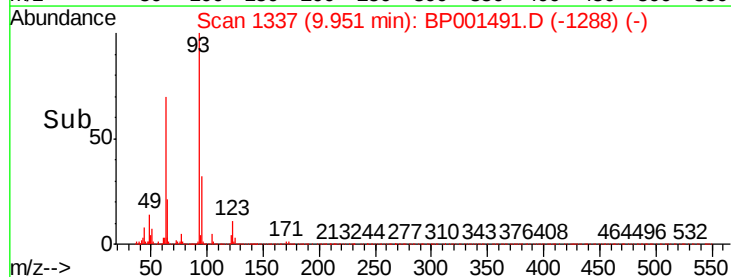
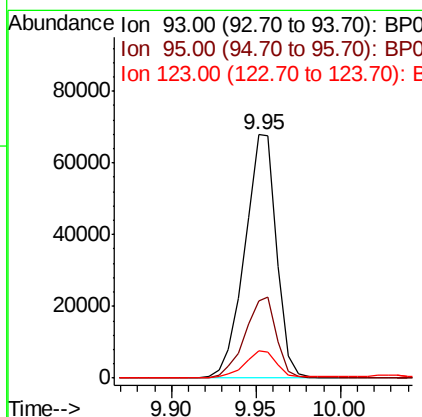
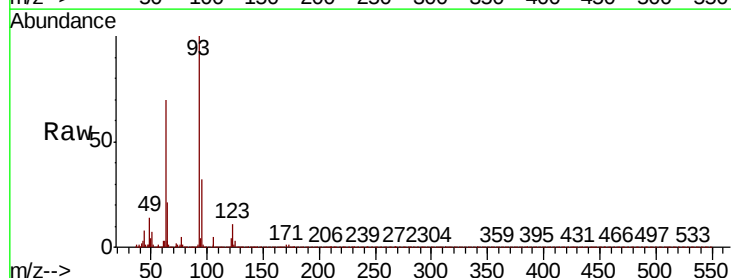
Instrument :
BNA_P
ClientSampleId :

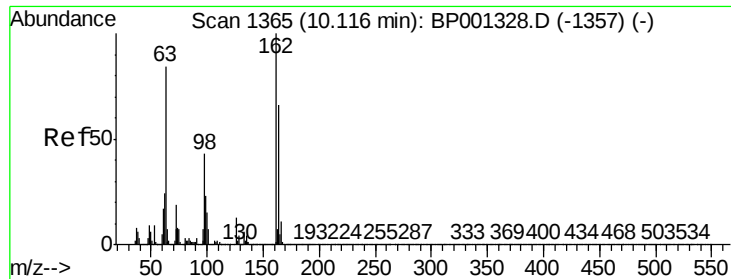
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.2	106.5	159.7
121	57.4	47.1	70.7



#28
bis(2-Chloroethoxy)methane
Concen: 41.887 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.3	39.5
123	11.1	9.0	13.6

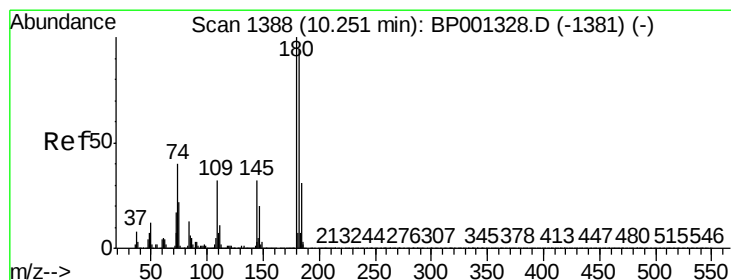
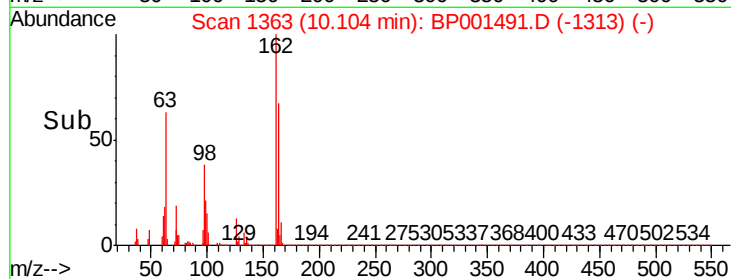
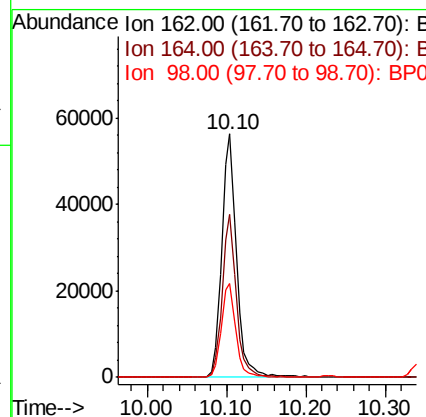
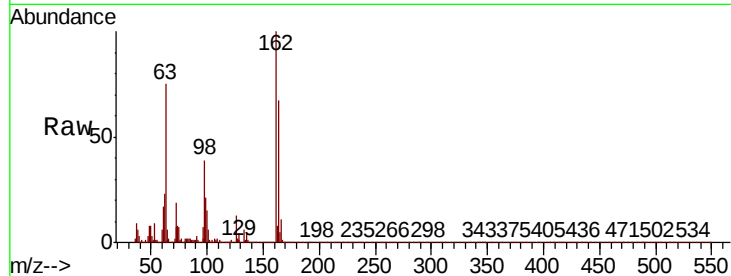




#29
2,4-Dichlorophenol
Concen: 51.428 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

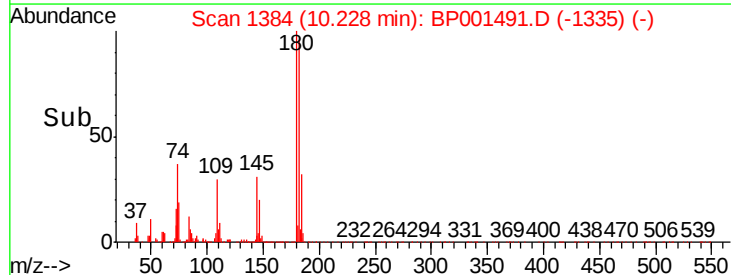
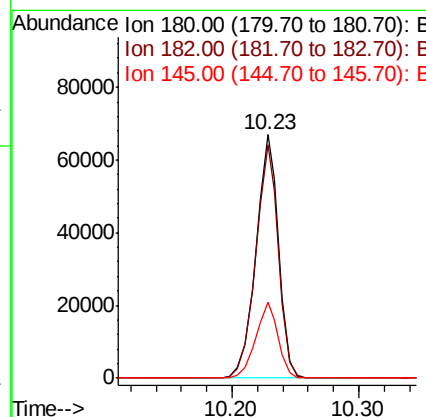
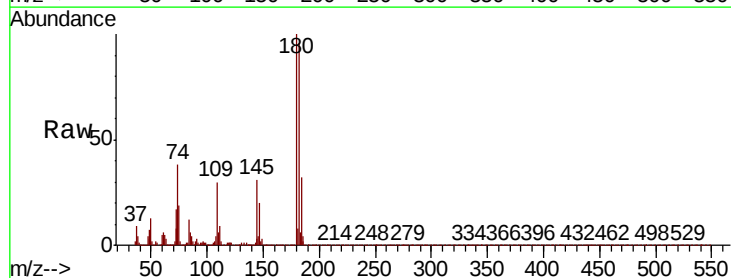
Instrument :
BNA_P
ClientSampleId :

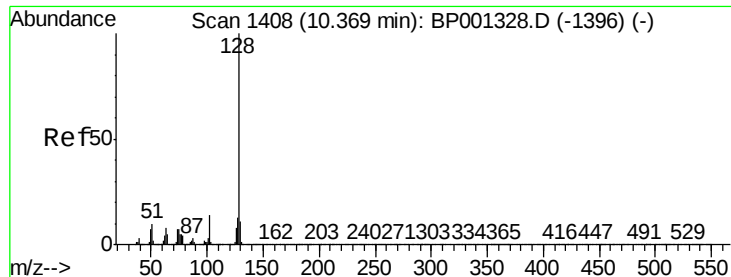
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	44.8	84.8
98	38.6	18.5	58.5



#30
1,2,4-Trichlorobenzene
Concen: 47.797 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	79.3	118.9
145	31.0	23.1	34.7

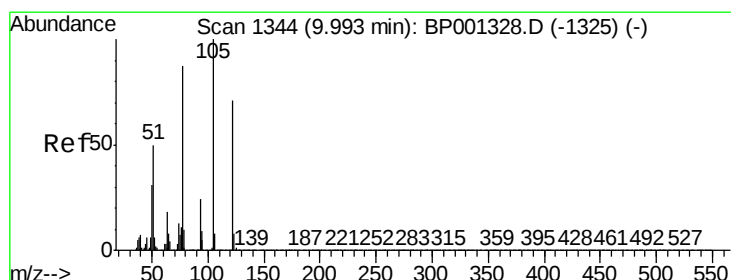
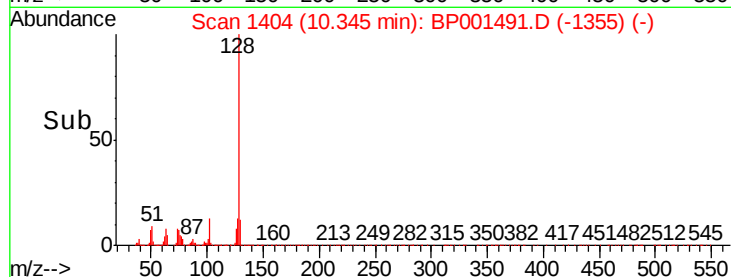
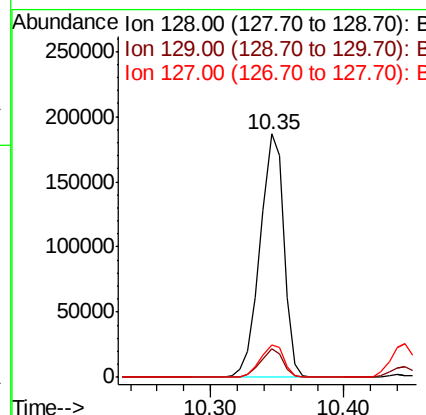
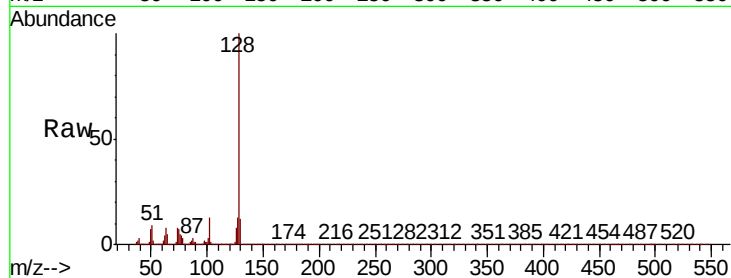




#31
Naphthalene
Concen: 49.186 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

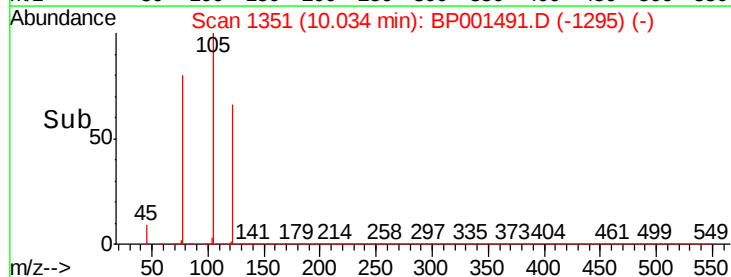
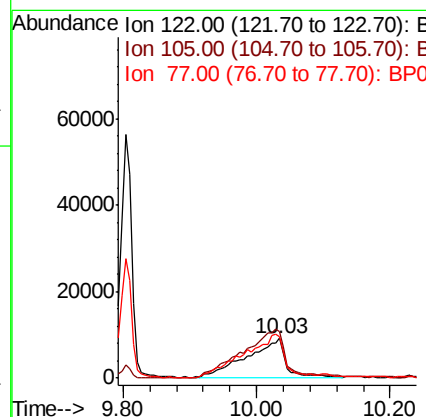
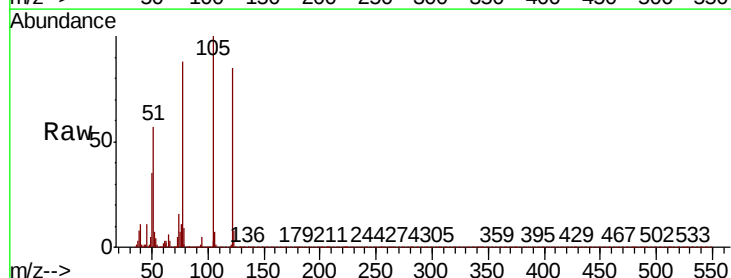
Instrument :
BNA_P
ClientSampleId :

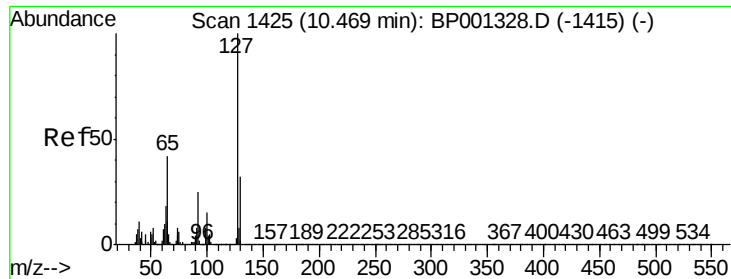
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.3	11.0	16.6



#32
Benzoic acid
Concen: 40.465 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.03 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.2	117.8	157.8#
77	102.8	85.6	125.6

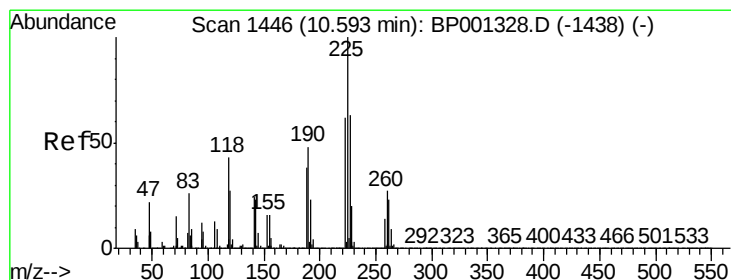
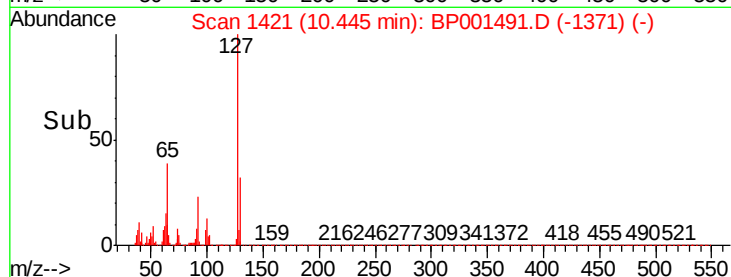
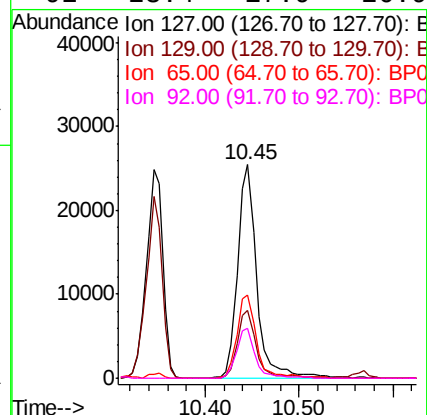
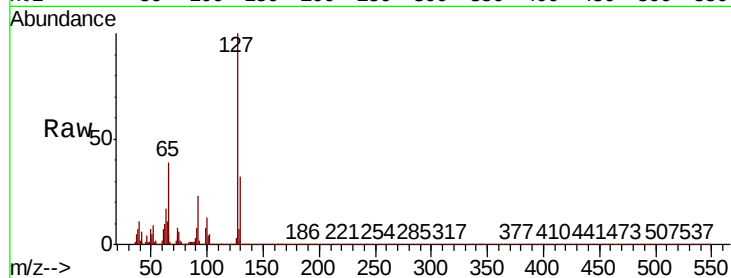




#33
4-Chloroaniline
Concen: 18.825 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

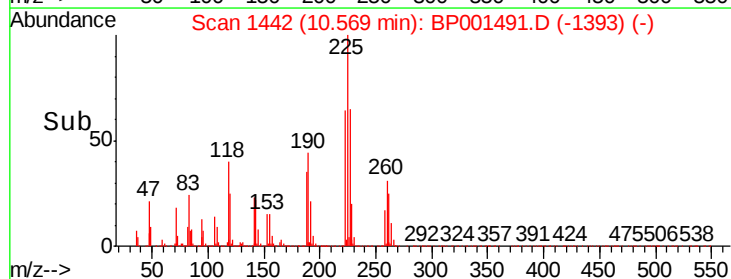
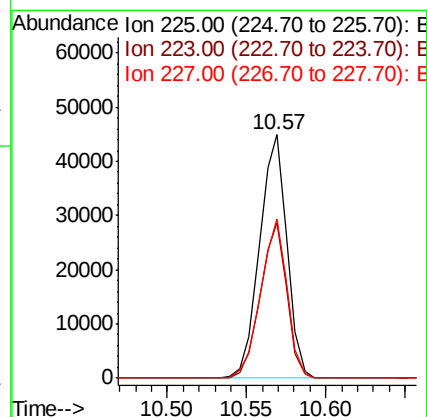
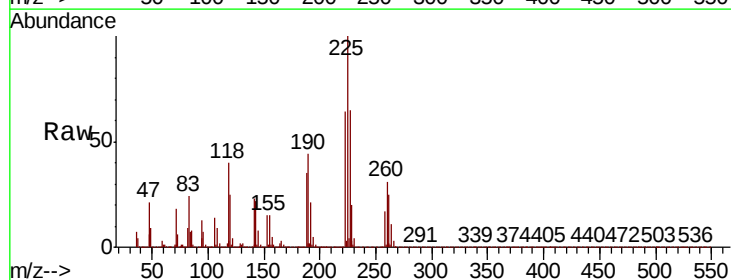
Instrument :
BNA_P
ClientSampleId :

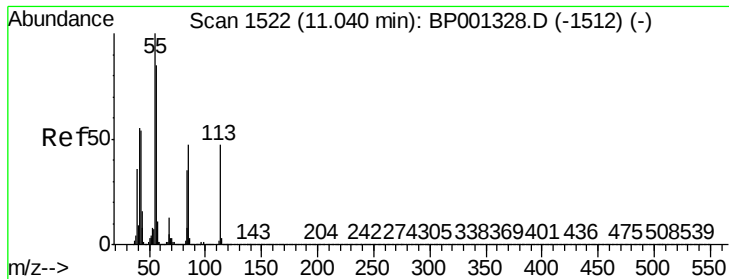
Tot Ion:	127	Resp:	35710
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	38.9	33.9	50.9
92	23.4	17.9	26.9



#34
Hexachlorobutadiene
Concen: 44.443 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion:	225	Resp:	53926
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.4	77.0
227	65.2	57.0	85.4

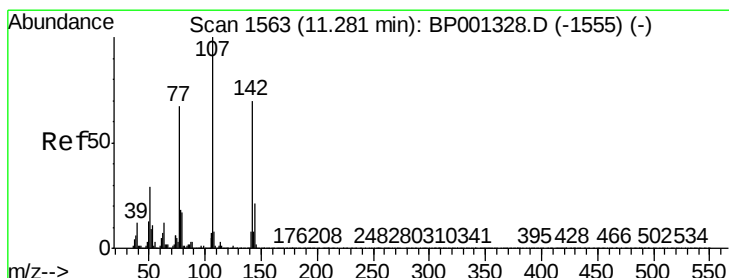
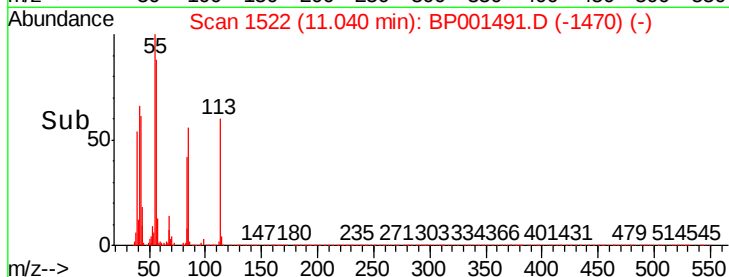
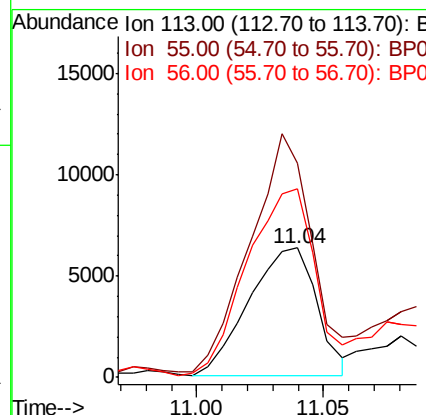
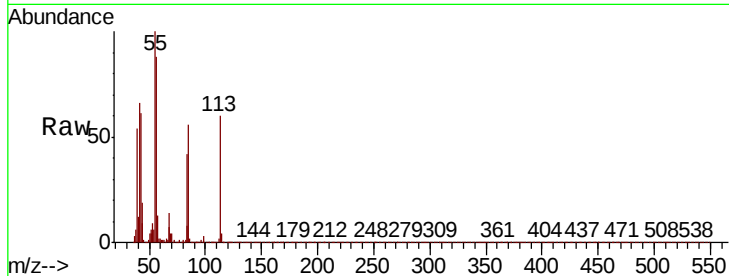




#35
 Caprolactam
 Concen: 27.894 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BP001491.D
 Acq: 28 Dec 2019 23:01

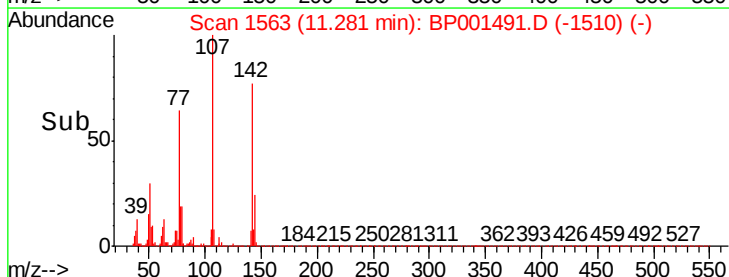
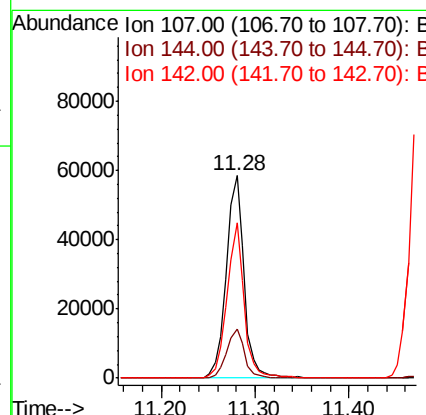
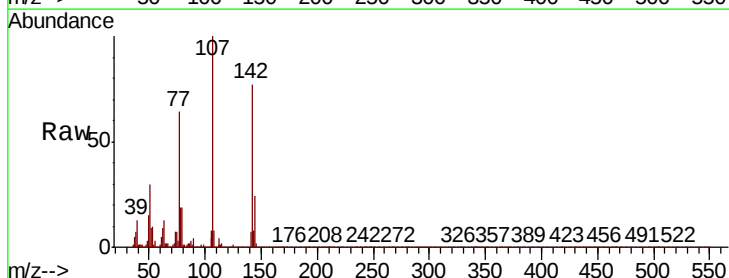
Instrument :
 BNA_P
 ClientSampleId :

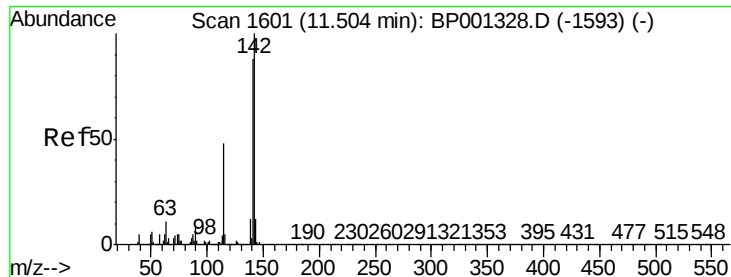
Tot Ion:113 Resp: 11739
 Ion Ratio Lower Upper
 113 100
 55 166.2 164.2 204.2
 56 146.2 130.8 170.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.104 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BP001491.D
 Acq: 28 Dec 2019 23:01

Tgt Ion:107 Resp: 77850
 Ion Ratio Lower Upper
 107 100
 144 24.3 17.8 26.8
 142 76.7 56.2 84.4

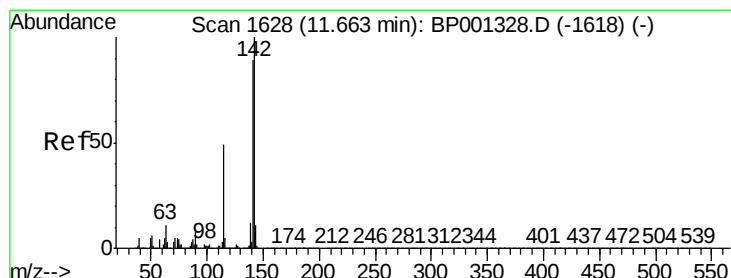
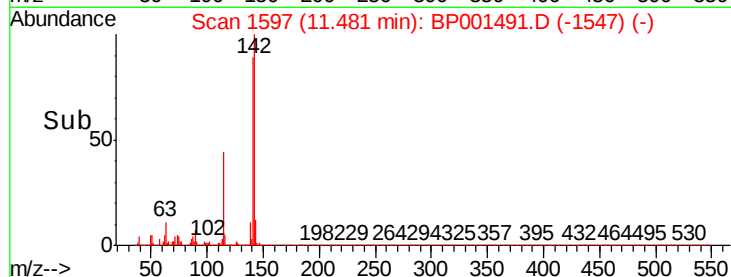
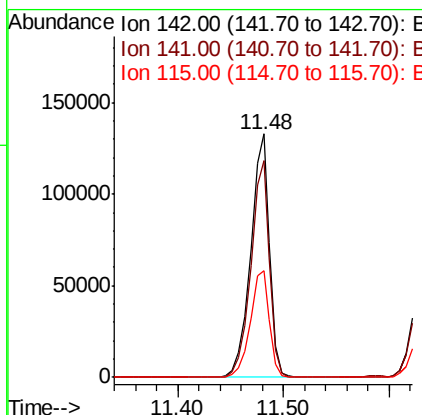
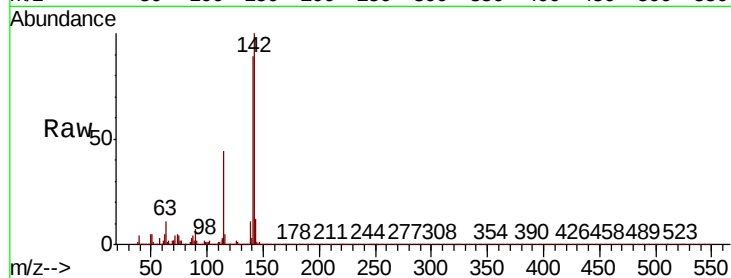




#37
2-Methylnaphthalene
Concen: 51.424 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

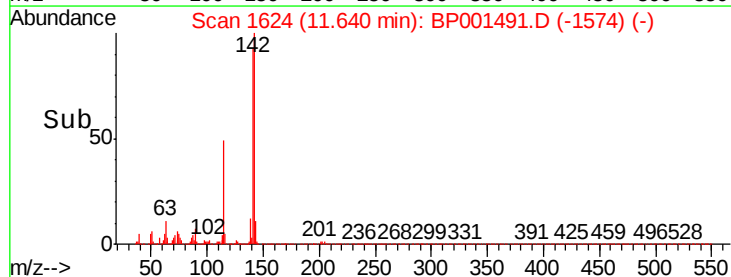
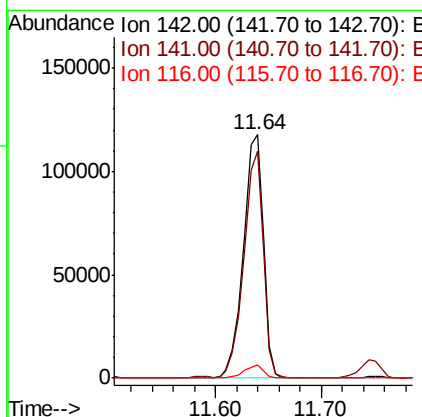
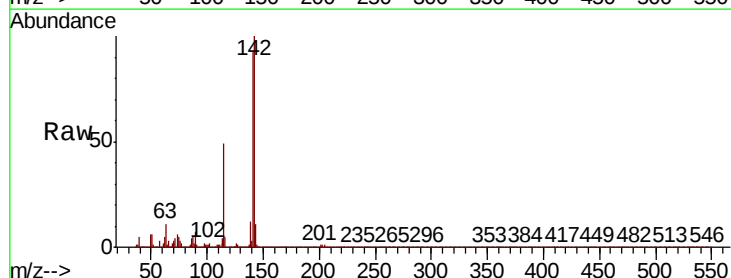
Instrument :
BNA_P
ClientSampleId :

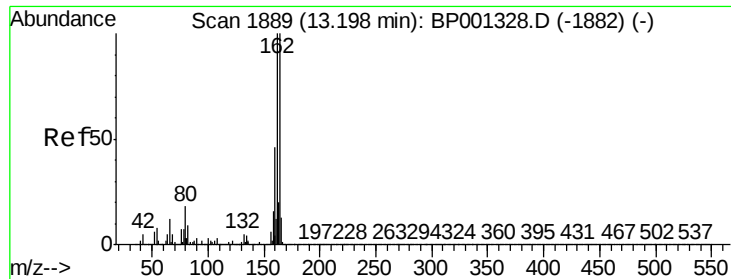
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.2	105.2
115	43.9	37.0	55.4



#38
1-Methylnaphthalene
Concen: 51.148 ng
RT: 11.64 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.9	109.3
116	5.3	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

ClientSampled :

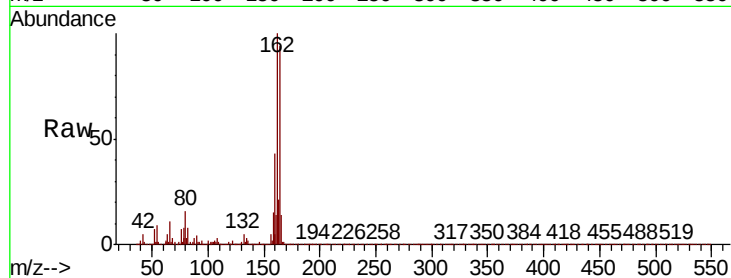
Tot Ion:164 Resp: 50812

Ion Ratio Lower Upper

164 100

162 106.1 78.2 117.4

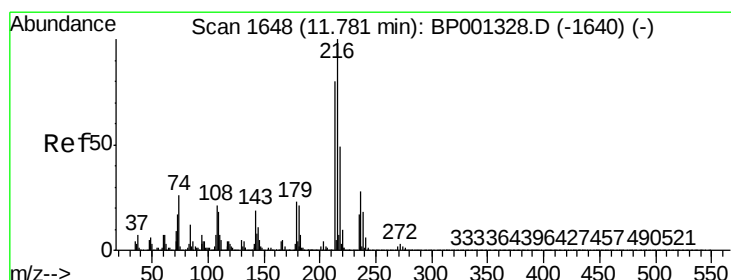
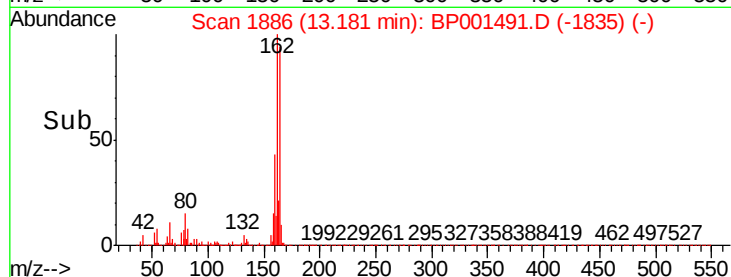
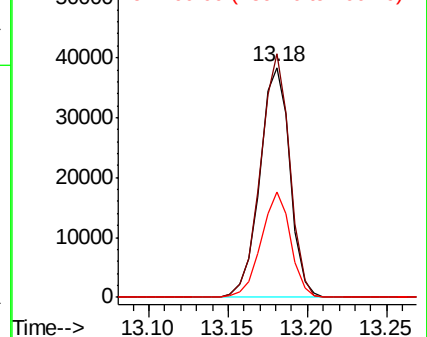
160 45.7 35.1 52.7



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: 48.316 ng

RT: 11.76 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Tgt Ion:216 Resp: 90775

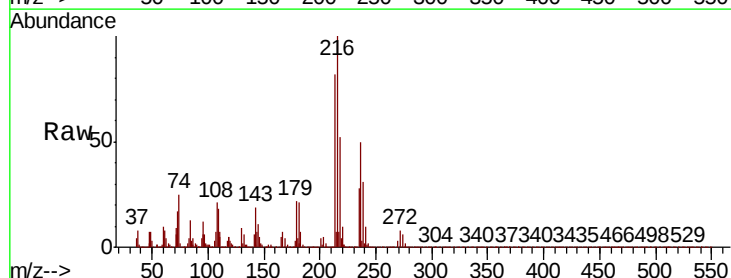
Ion Ratio Lower Upper

216 100

214 79.8 62.1 93.1

179 21.8 17.1 25.7

108 24.2 16.0 24.0#

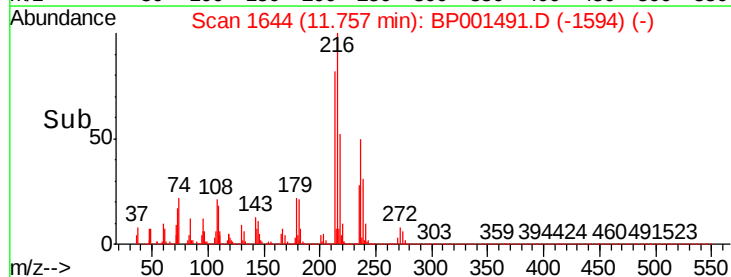
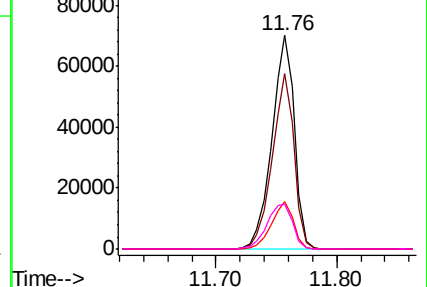


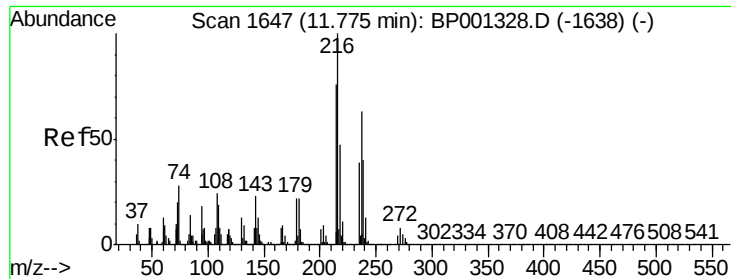
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

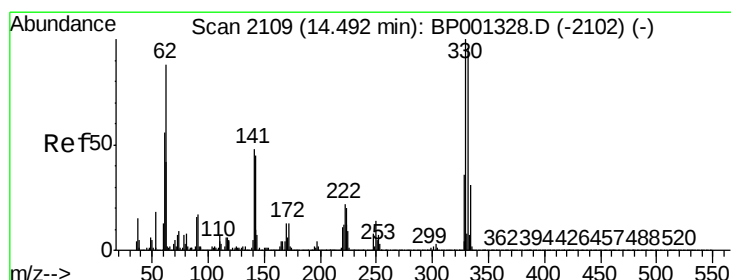
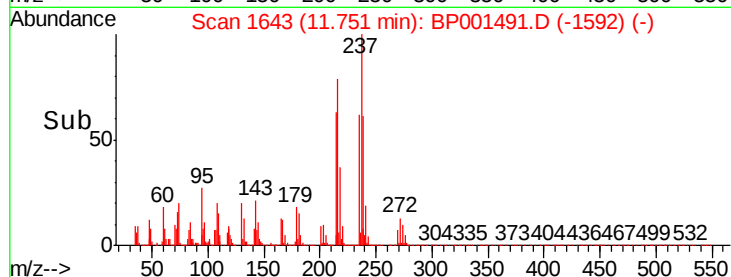
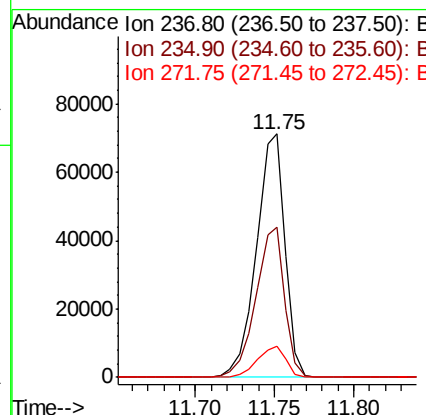
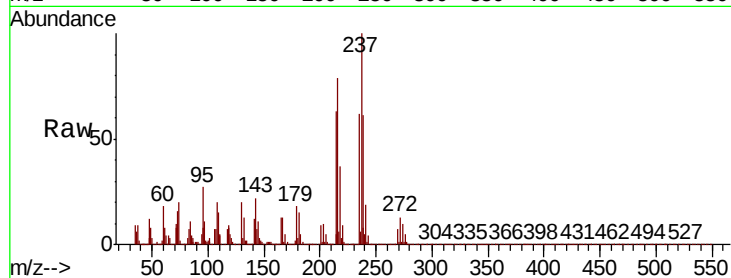




#41
Hexachlorocyclopentadiene
Concen: 96.007 ng
RT: 11.75 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

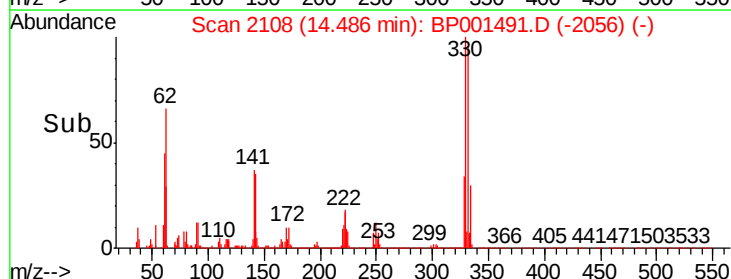
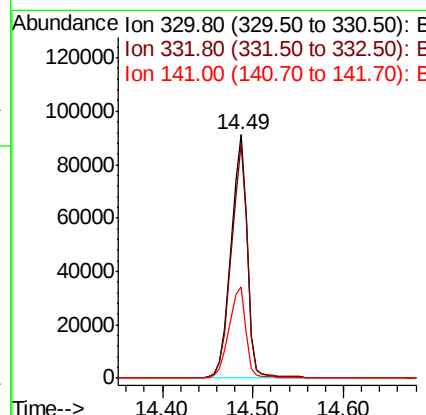
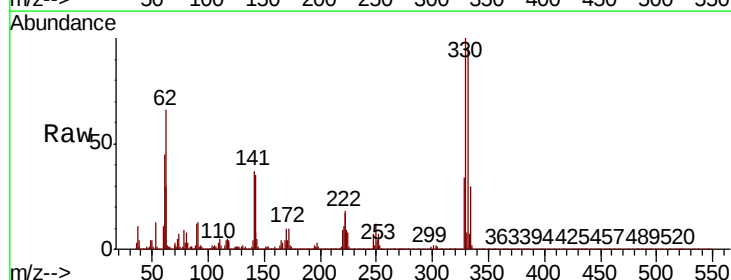
Instrument :
BNA_P
ClientSampled :

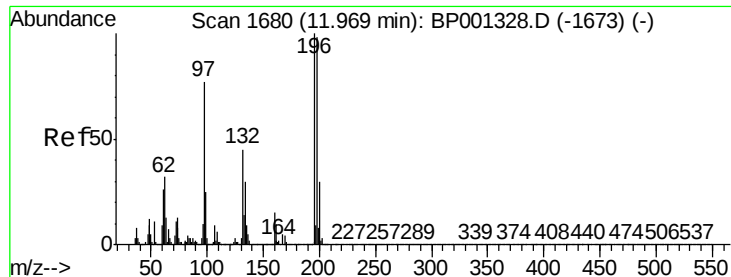
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.6	42.8	82.8
272	12.6	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 178.990 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.3	117.5
141	39.0	26.8	40.2

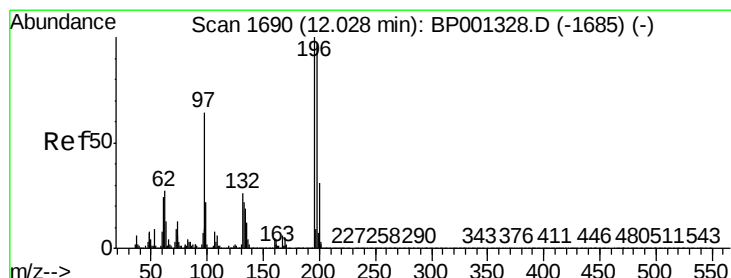
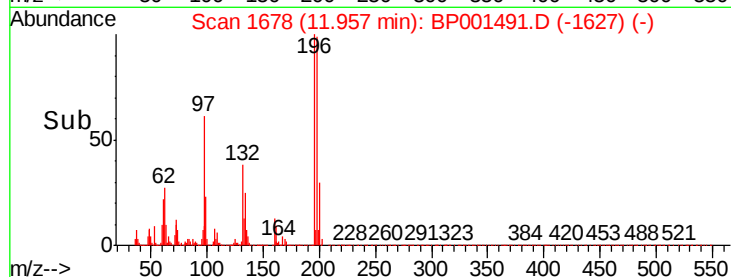
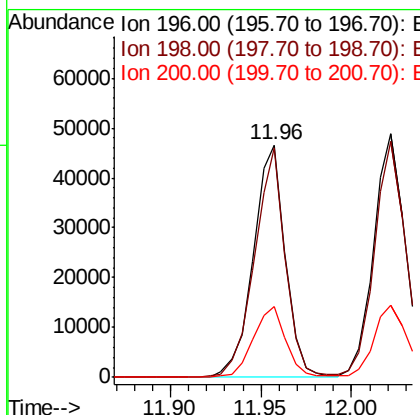
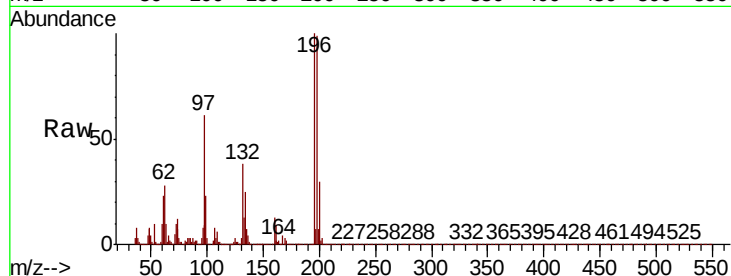




#43
2,4,6-Trichlorophenol
Concen: 49.419 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

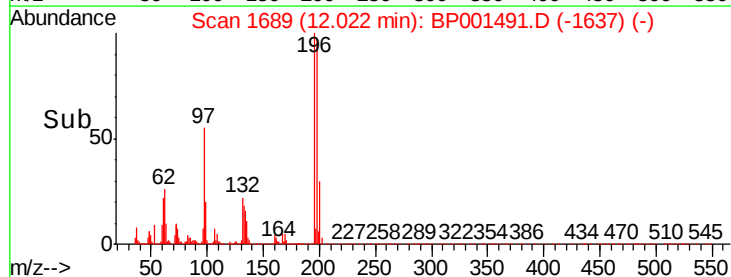
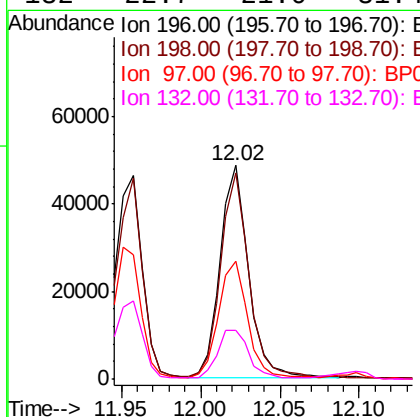
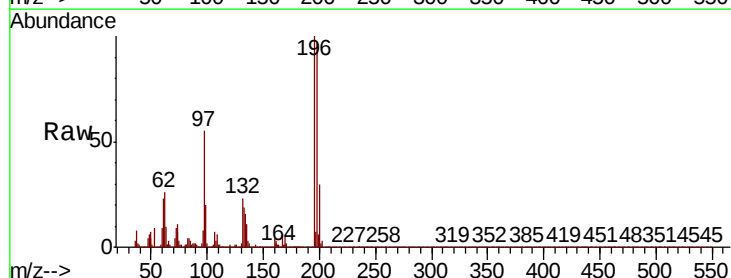
Instrument :
BNA_P
ClientSampleId :

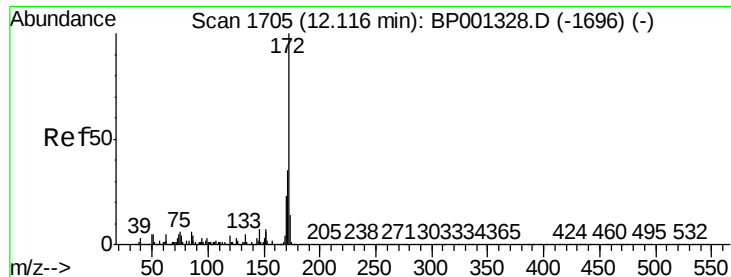
Tot Ion:196 Resp: 57101
Ion Ratio Lower Upper
196 100
198 98.7 77.2 115.8
200 30.3 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 51.165 ng
RT: 12.02 min Scan# 1689
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion:196 Resp: 60742
Ion Ratio Lower Upper
196 100
198 96.8 75.8 113.6
97 55.0 46.1 69.1
132 22.7 21.0 31.4

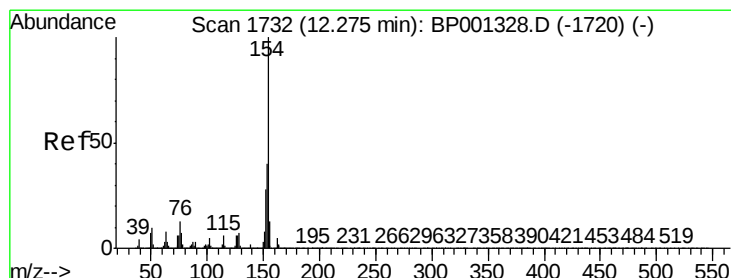
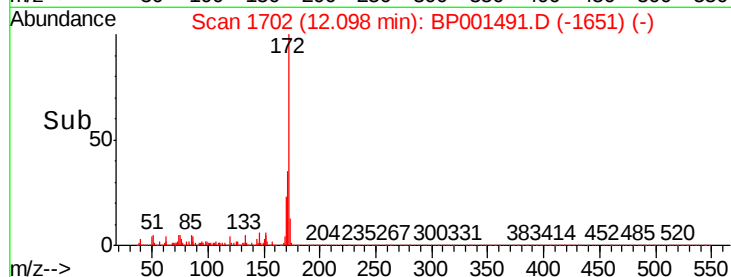
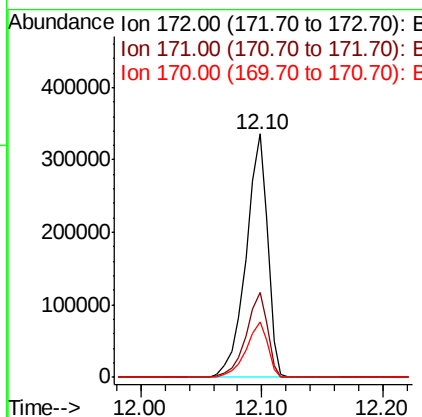
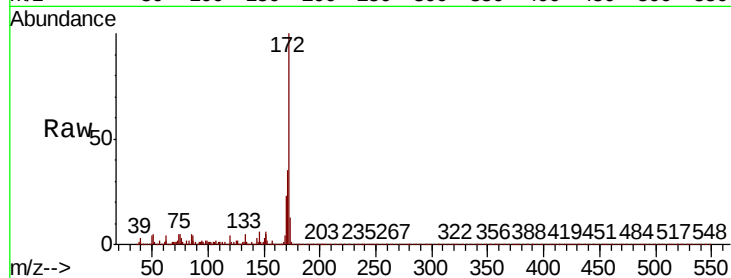




#45
2-Fluorobiphenyl
Concen: 104.105 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

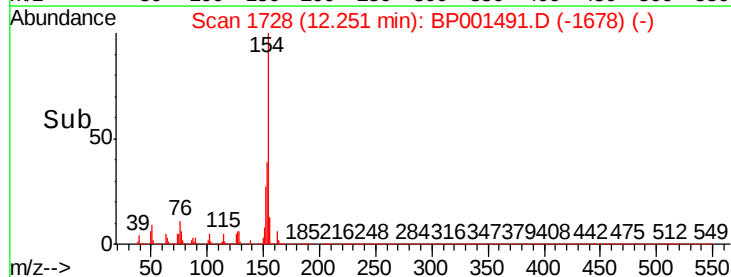
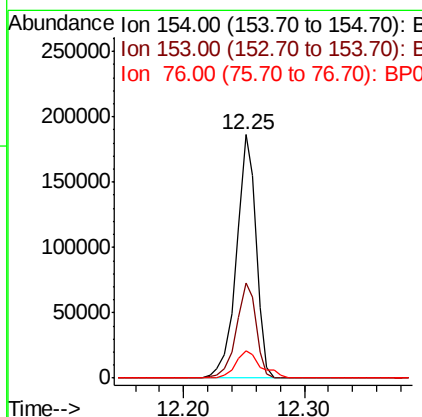
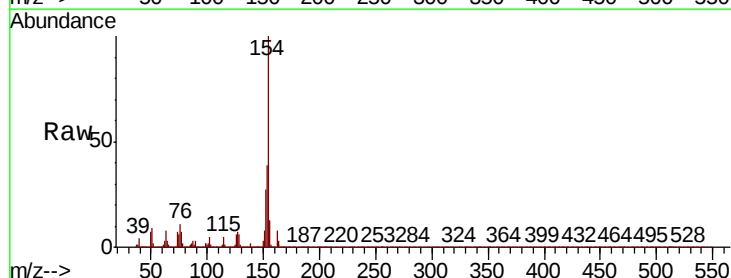
Instrument :
BNA_P
ClientSampleId :

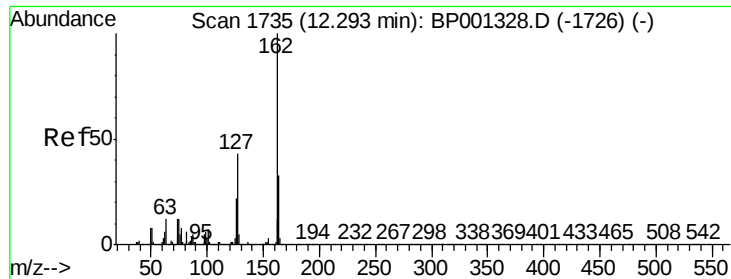
Tot Ion:172 Resp: 418334
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 23.0 18.2 27.4



#46
1,1'-Biphenyl
Concen: 49.602 ng
RT: 12.25 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion:154 Resp: 210912
Ion Ratio Lower Upper
154 100
153 39.1 19.5 59.5
76 11.4 0.0 31.5

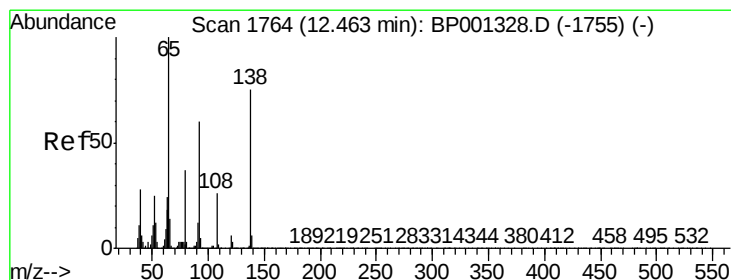
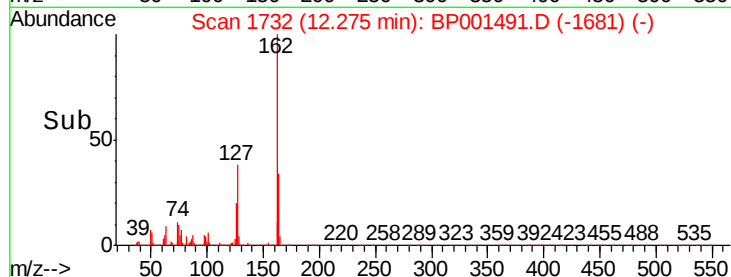
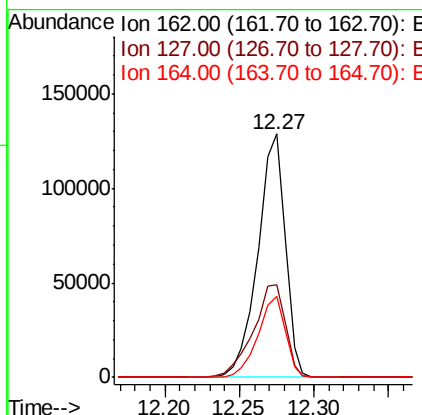
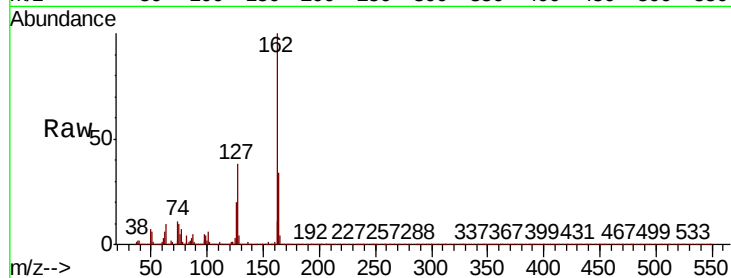




#47
2-Chloronaphthalene
Concen: 47.429 ng
RT: 12.27 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

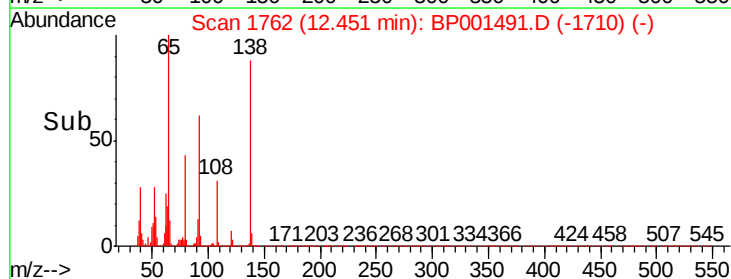
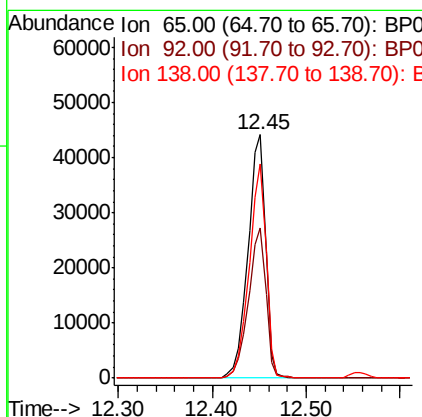
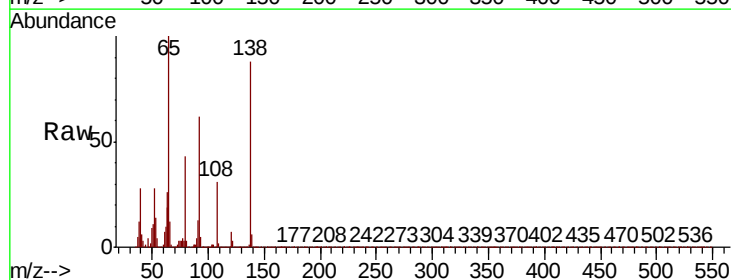
Instrument :
BNA_P
ClientSampleId :

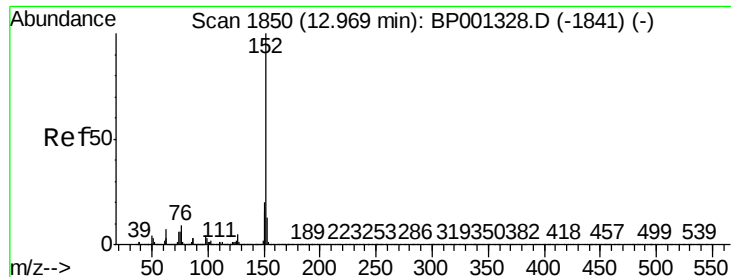
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	33.4	50.2
164	33.5	26.0	39.0



#48
2-Nitroaniline
Concen: 41.623 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.9	48.9	73.3
138	88.0	65.1	97.7





#49

Acenaphthylene

Concen: 50.331 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

ClientSampleId :

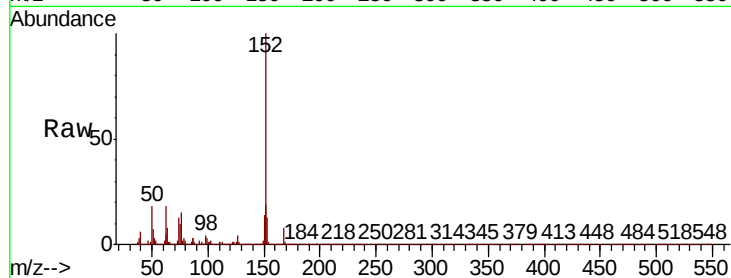
Tot Ion:152 Resp: 252914

Ion Ratio Lower Upper

152 100

151 19.4 15.6 23.4

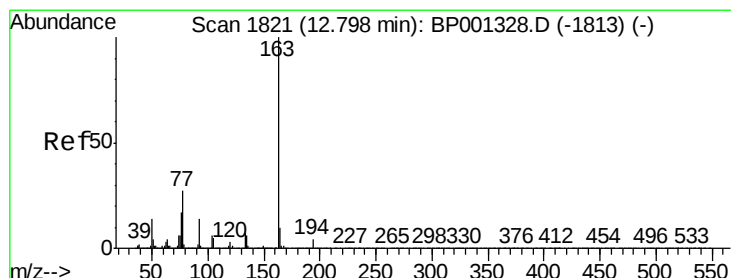
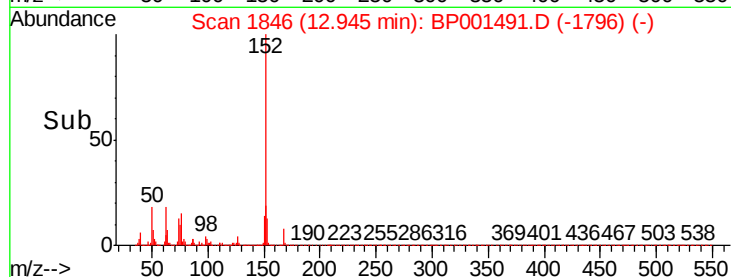
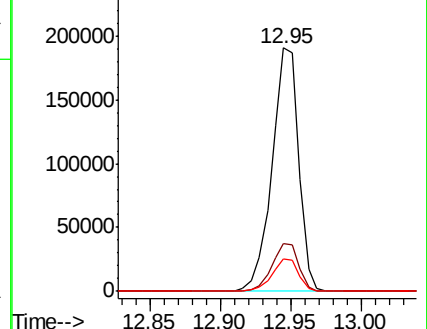
153 13.4 10.3 15.5



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: 57.142 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

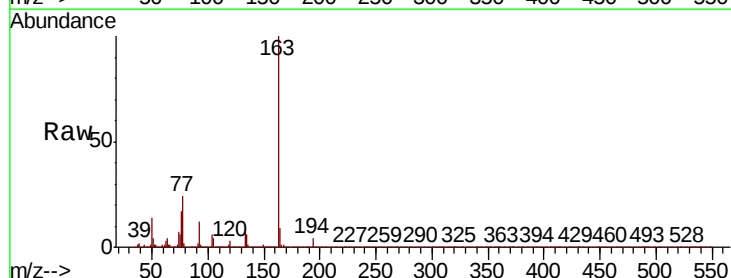
Tgt Ion:163 Resp: 238200

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

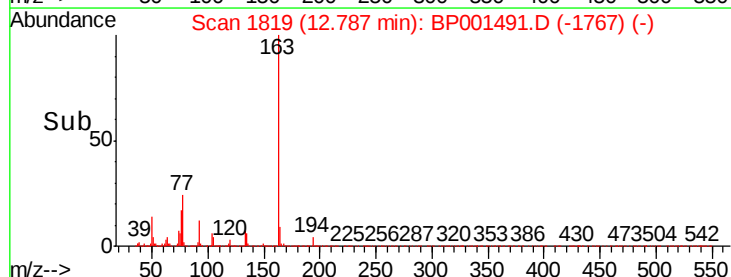
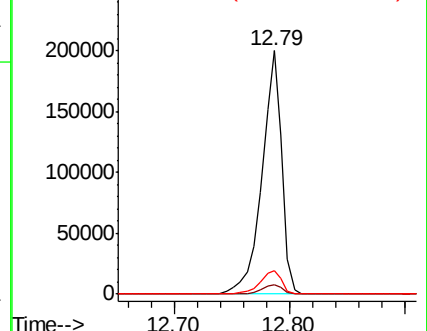
164 9.4 7.7 11.5

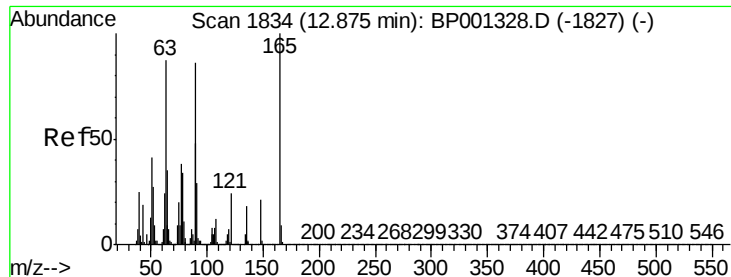


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

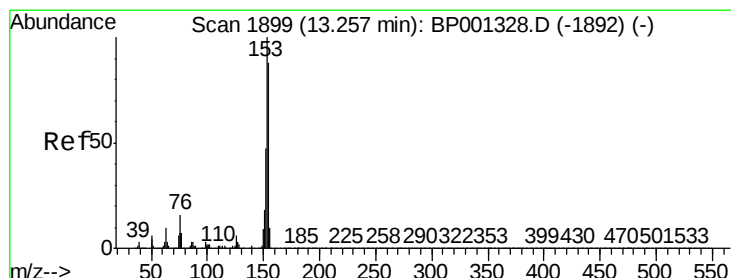
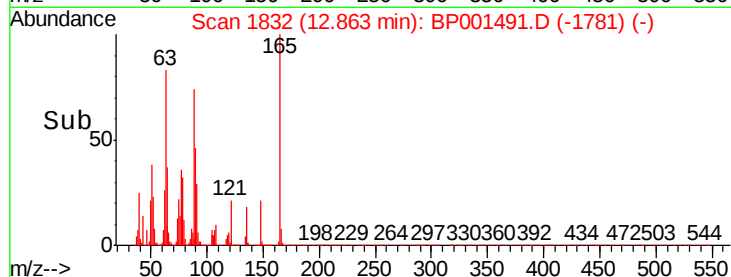
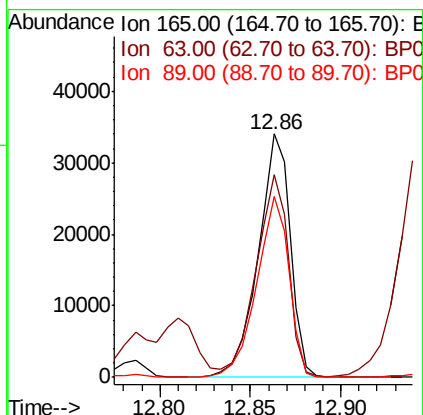
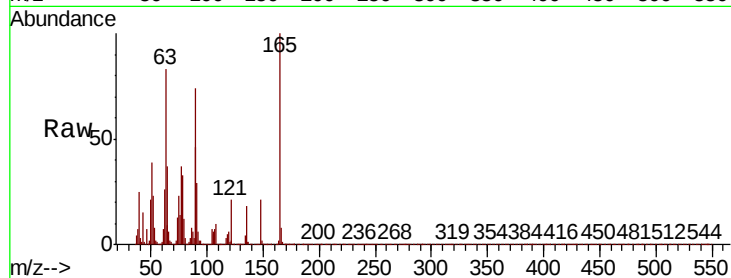




#51
2,6-Dinitrotoluene
Concen: 49.372 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

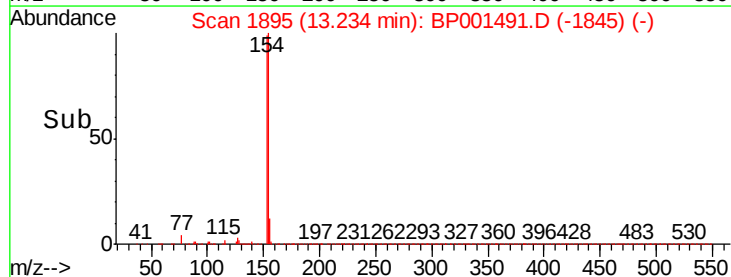
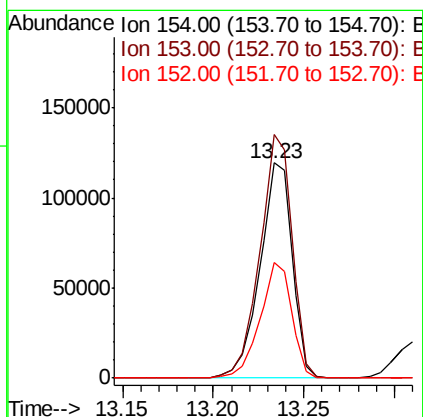
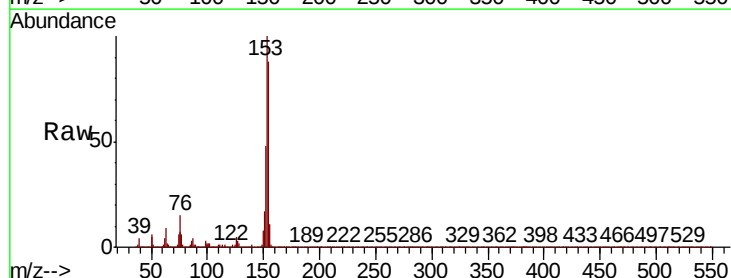
Instrument :
BNA_P
ClientSampleId :

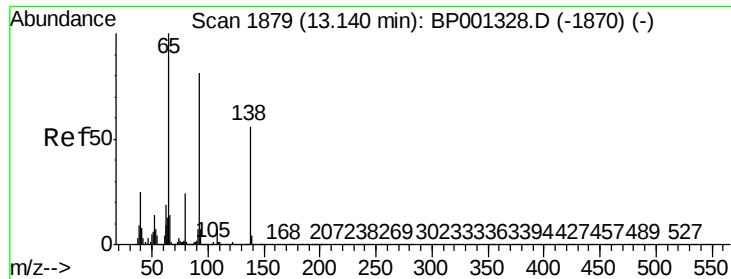
Tot Ion:165 Resp: 41790
Ion Ratio Lower Upper
165 100
63 83.0 60.7 91.1
89 74.4 55.4 83.0



#52
Acenaphthene
Concen: 48.664 ng
RT: 13.23 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion:154 Resp: 147336
Ion Ratio Lower Upper
154 100
153 113.2 90.1 135.1
152 53.9 41.8 62.6

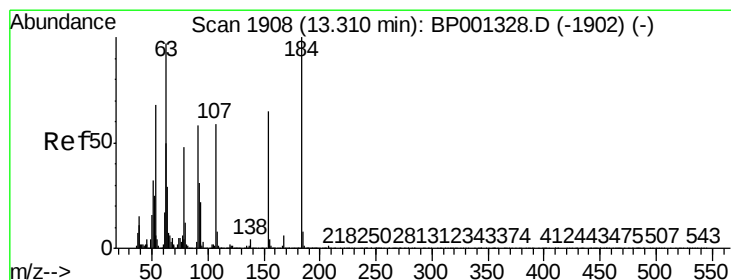
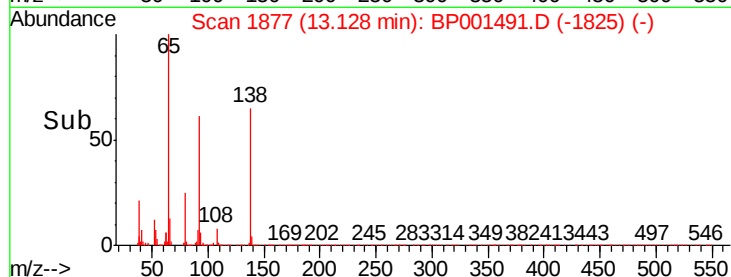
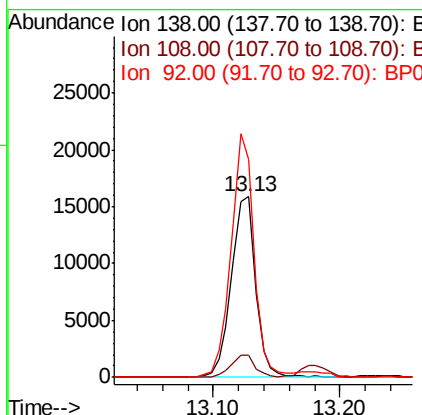
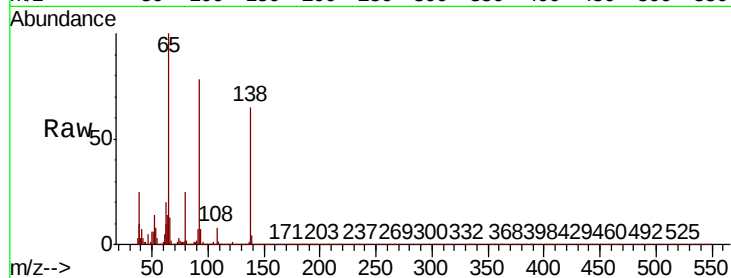




#53
3-Nitroaniline
Concen: 23.123 ng
RT: 13.13 min Scan# 1877
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

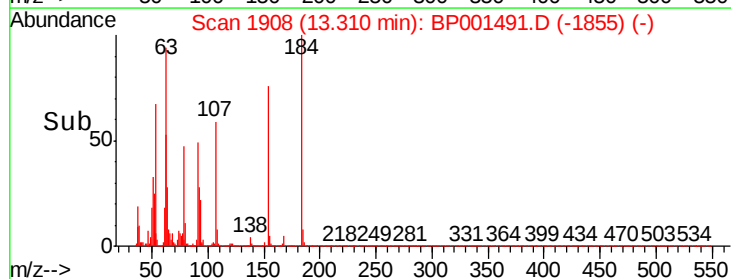
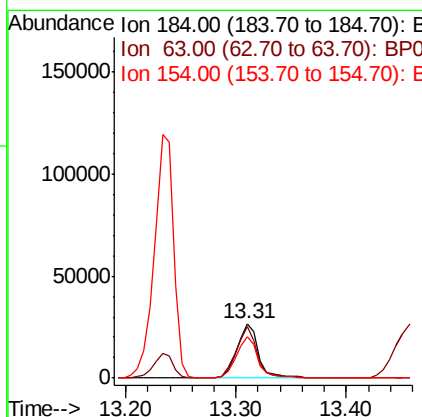
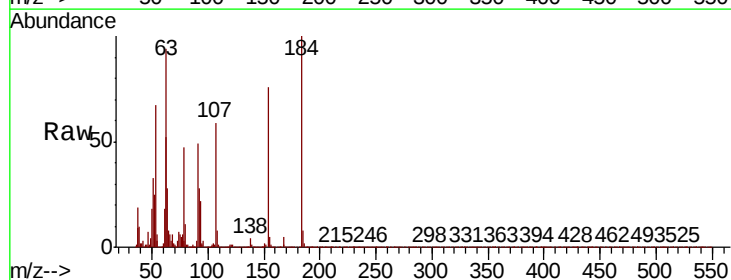
Instrument :
BNA_P
ClientSampled :

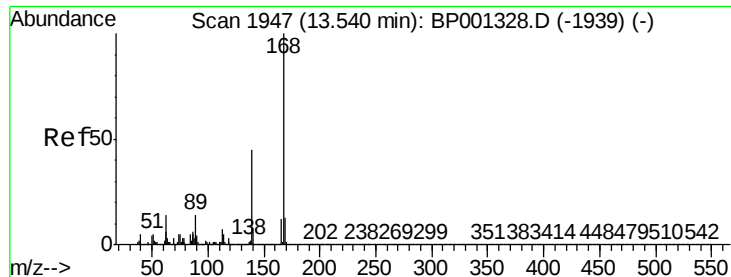
Tot Ion:138 Resp: 21007
Ion Ratio Lower Upper
138 100
108 12.0 10.0 15.0
92 120.8 108.8 163.2



#54
2,4-Dinitrophenol
Concen: 111.815 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion:184 Resp: 36546
Ion Ratio Lower Upper
184 100
63 93.6 69.5 104.3
154 75.9 58.5 87.7





#55

Dibenzofuran

Concen: 50.469 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

ClientSampled :

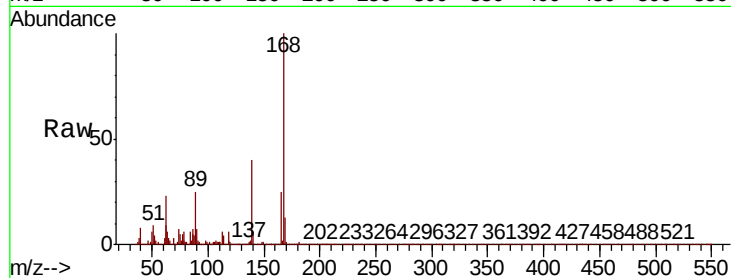
Tot Ion:168 Resp: 239408

Ion Ratio Lower Upper

168 100

139 40.1 33.0 49.4

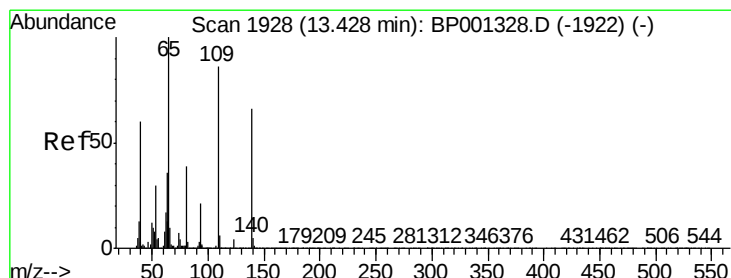
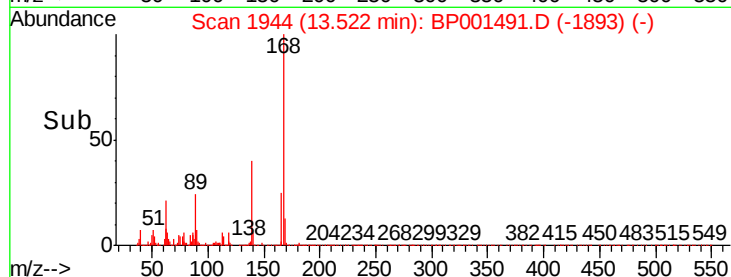
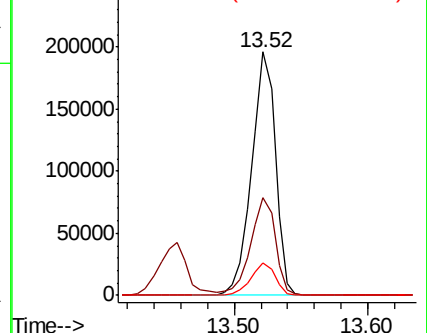
169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 95.776 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.03 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

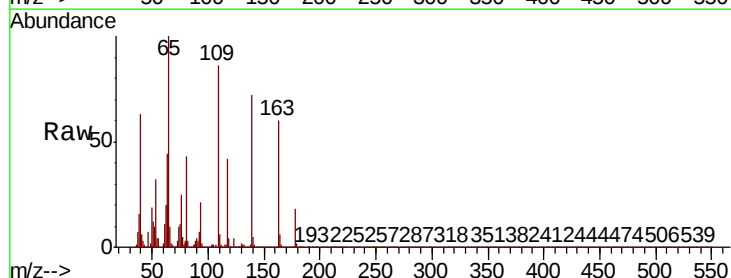
Tgt Ion:139 Resp: 62219

Ion Ratio Lower Upper

139 100

109 120.0 99.7 139.7

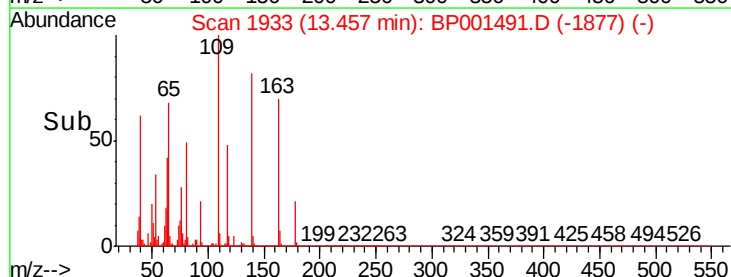
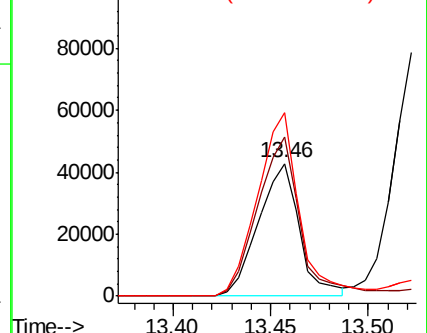
65 139.0 115.0 155.0

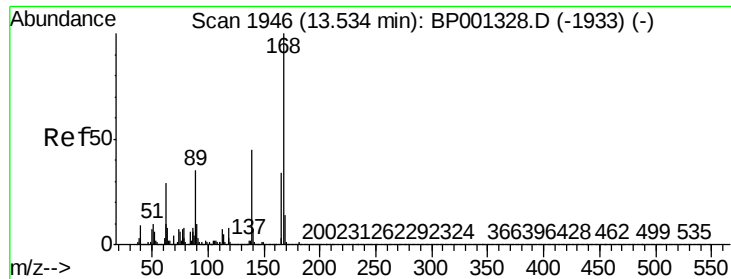


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

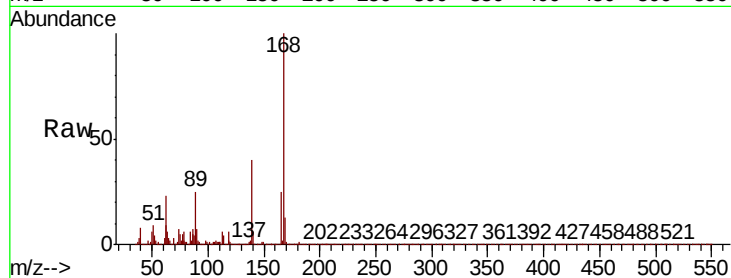




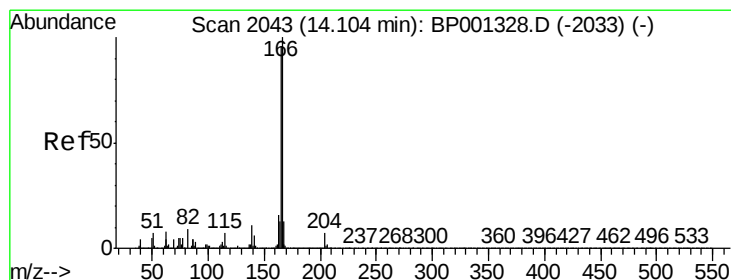
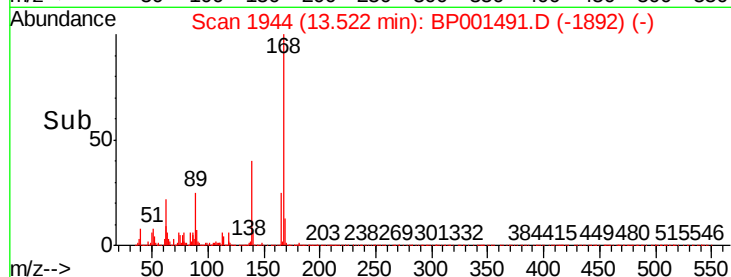
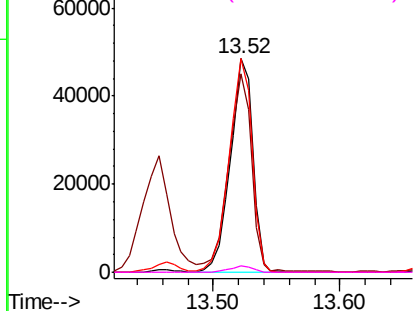
#57
2,4-Dinitrotoluene
Concen: 50.084 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	92.9	66.6	100.0
89	99.9	79.5	119.3
182	2.8	1.7	2.5#

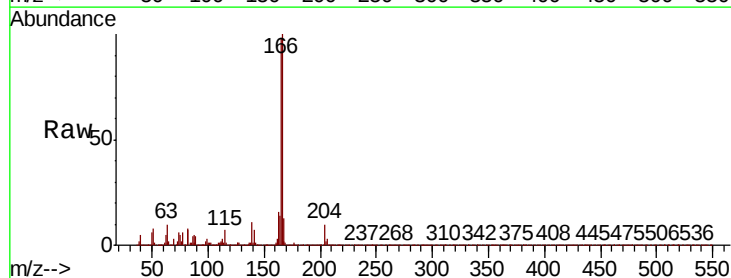


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

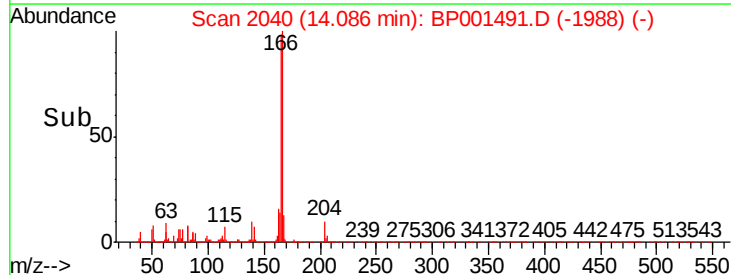
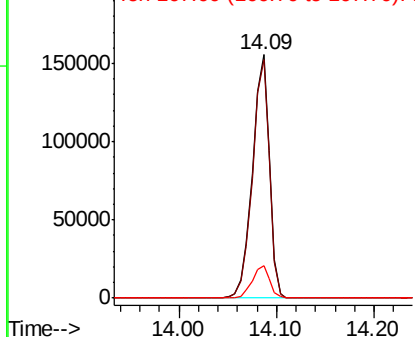


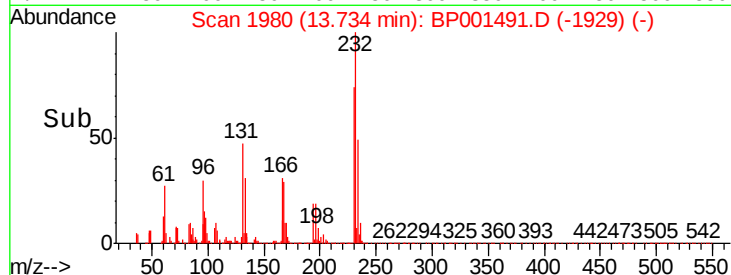
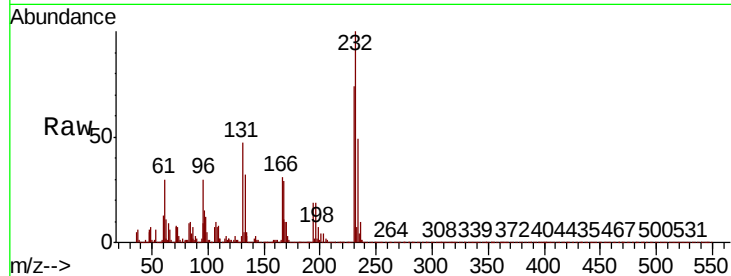
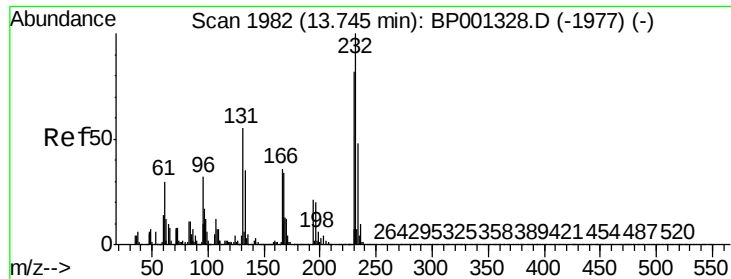
#58
Fluorene
Concen: 50.191 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.6	114.8
167	13.2	11.0	16.4



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

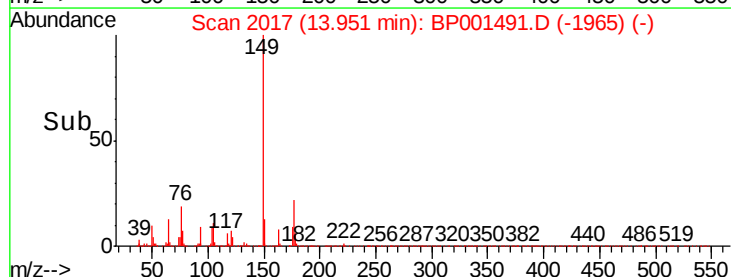
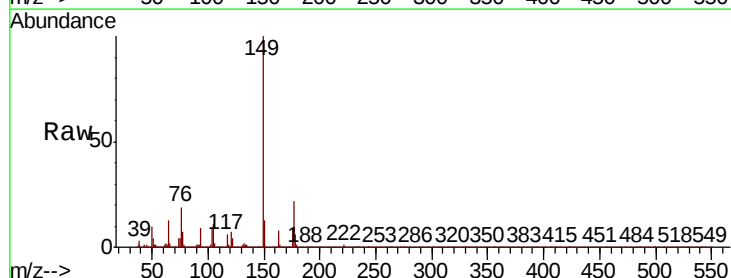
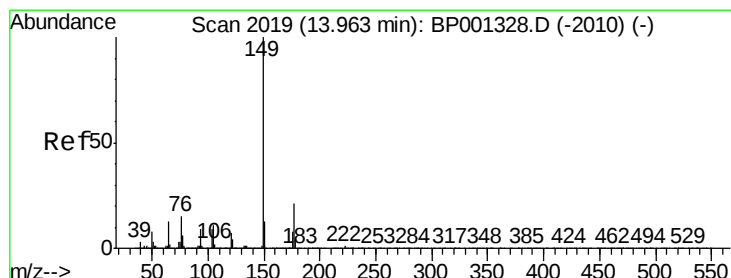
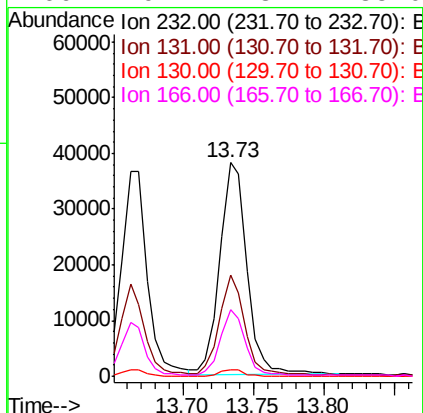




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.294 ng
RT: 13.73 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

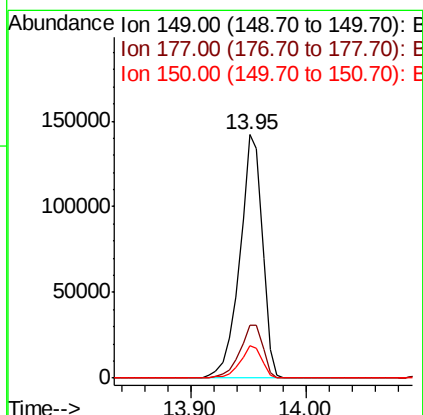
Instrument :
BNA_P
ClientSampled :

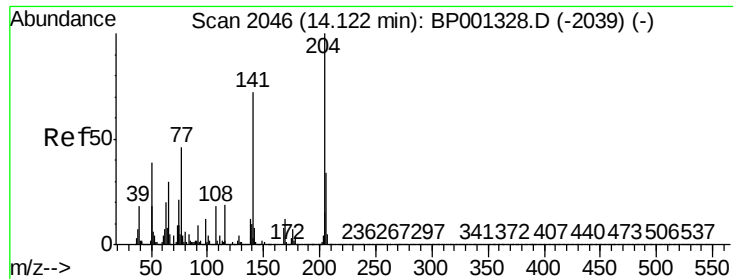
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.7	34.2	51.4
130	2.9	2.1	3.1
166	29.1	23.4	35.0



#60
Diethylphthalate
Concen: 44.618 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.8	26.6
150	13.3	9.7	14.5

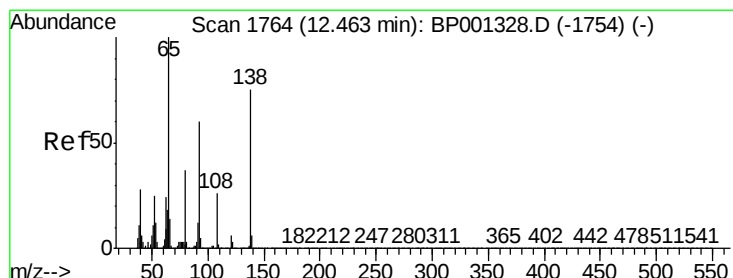
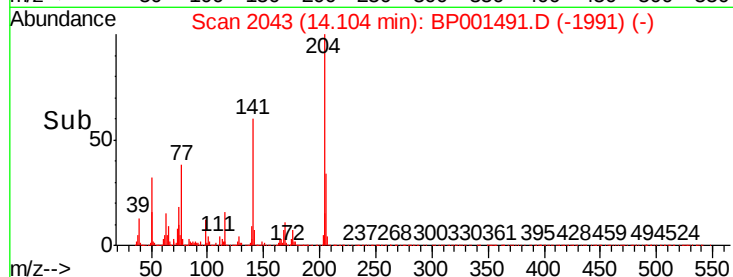
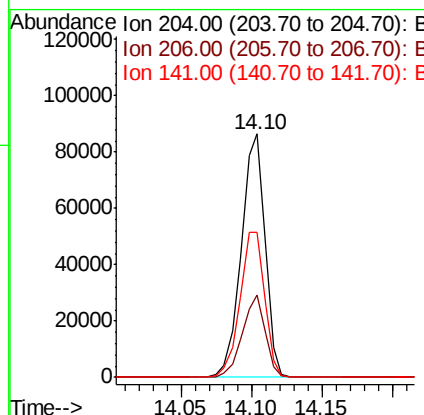
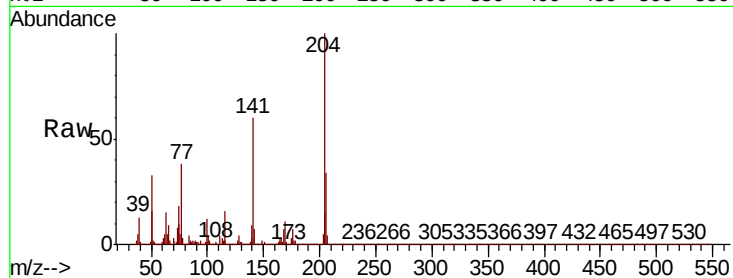




#61
4-Chlorophenyl-phenylether
Concen: 50.703 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

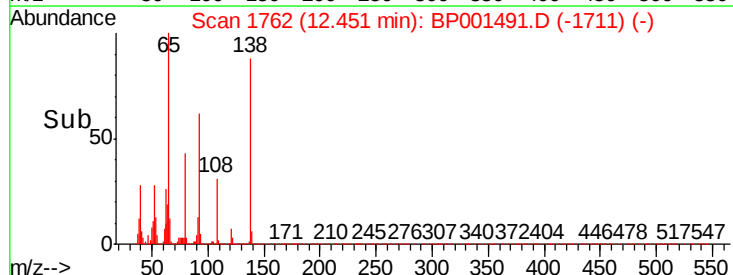
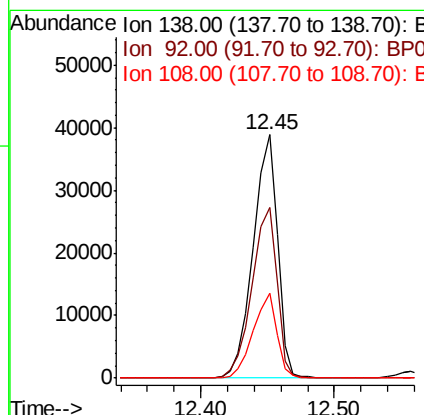
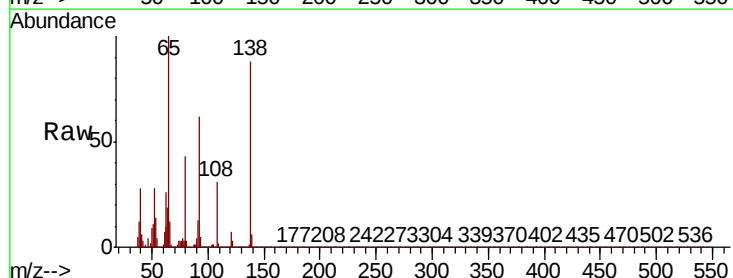
Instrument :
BNA_P
ClientSampled :

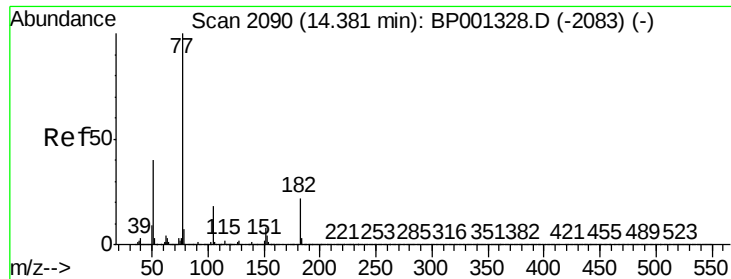
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.8	38.8
141	59.6	50.6	75.8



#62
4-Nitroaniline
Concen: 46.196 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	70.3	45.4	85.4
108	34.9	11.4	51.4





#63

Azobenzene

Concen: 43.876 ng

RT: 14.36 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 198604

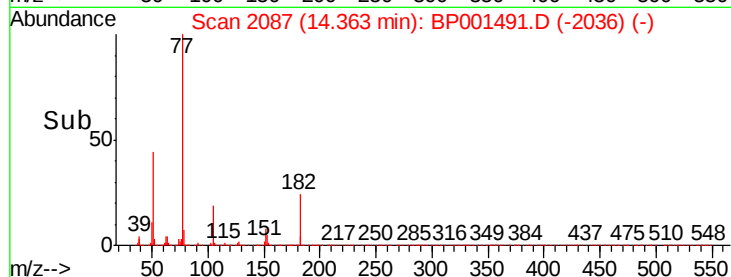
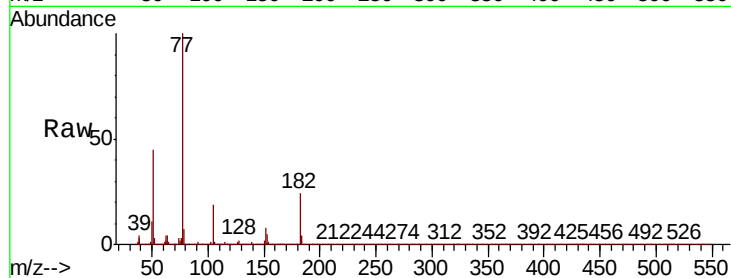
Ion Ratio Lower Upper

77 100

182 23.7 5.8 45.8

105 19.2 0.0 38.8

51 44.6 20.0 60.0

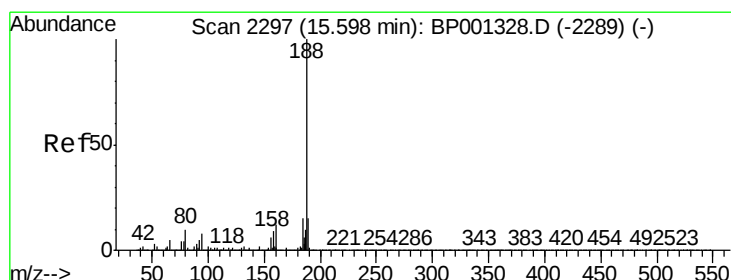
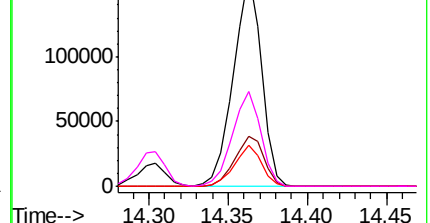


Abundance Ion 77.00 (76.70 to 77.70): BP0

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: 15.58 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

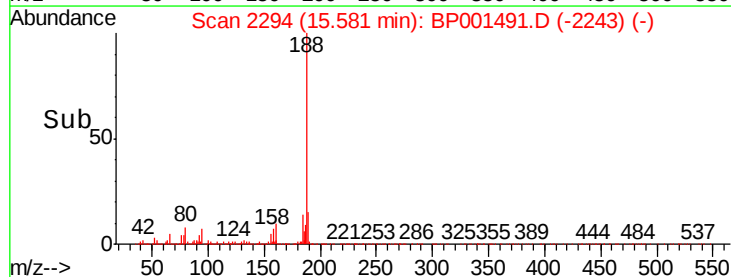
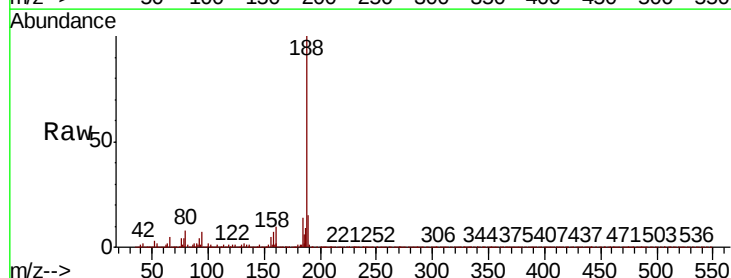
Tgt Ion: 188 Resp: 103830

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

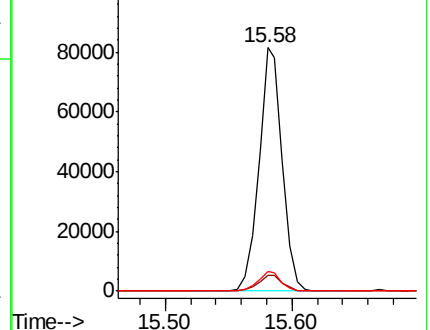
80 8.3 5.7 8.5

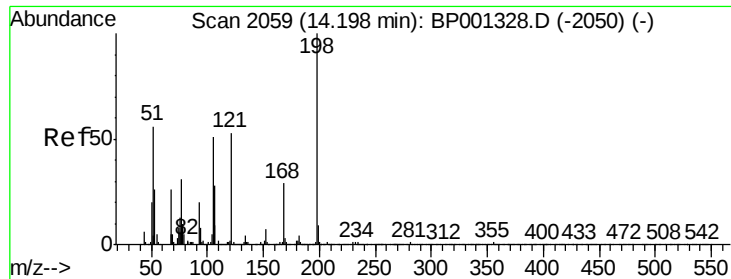


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

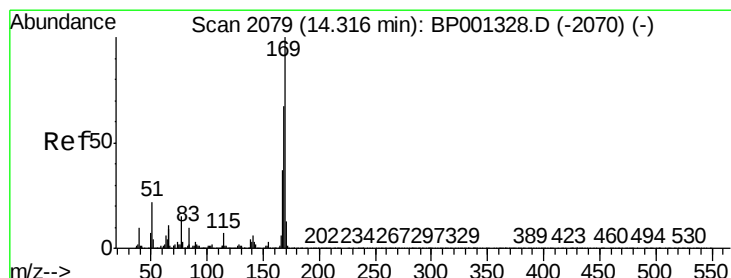
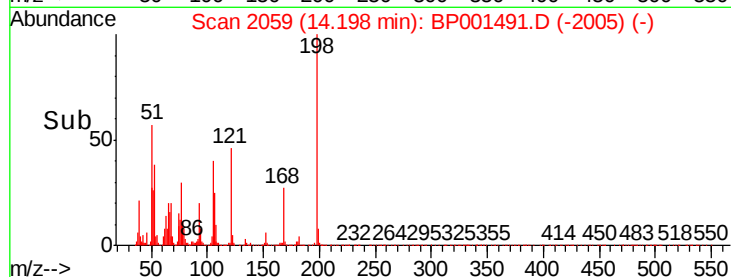
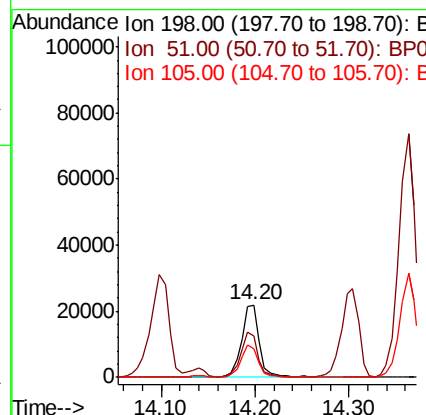
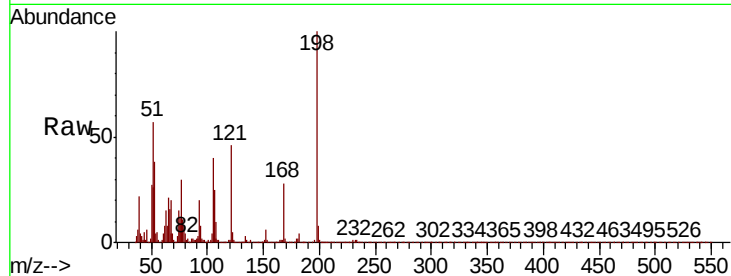




#65
4,6-Dinitro-2-methylphenol
Concen: 61.198 ng
RT: 14.20 min Scan# 2059
Delta R.T. 0.02 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

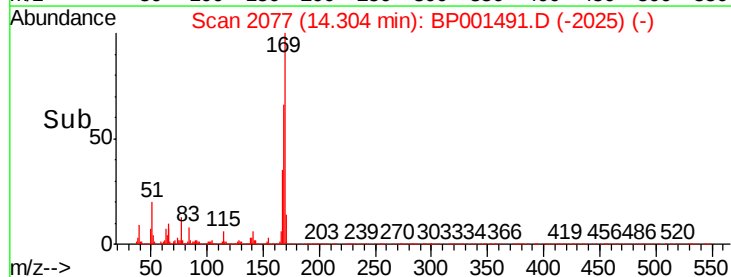
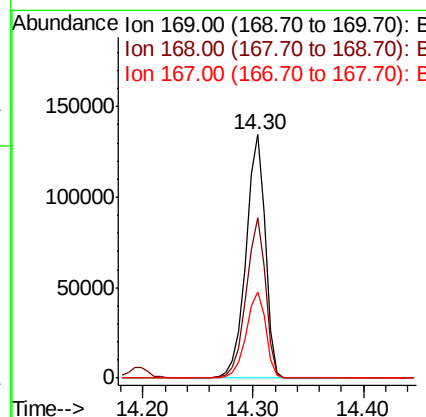
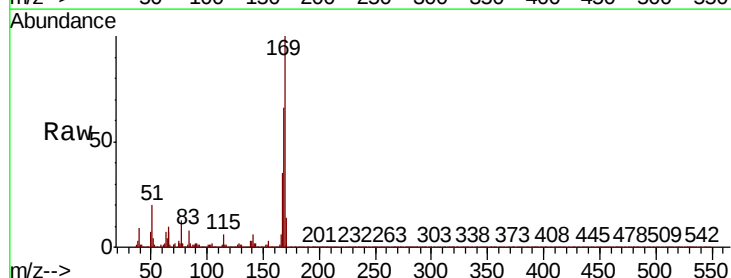
Instrument :
BNA_P
ClientSampled :

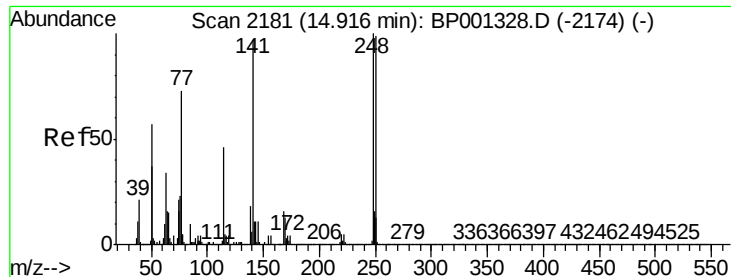
Tot Ion	Ratio	Lower	Upper
198	100		
51	57.4	42.2	82.2
105	39.8	21.5	61.5



#66
n-Nitrosodiphenylamine
Concen: 50.220 ng
RT: 14.30 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.2	81.2
167	35.4	29.3	43.9

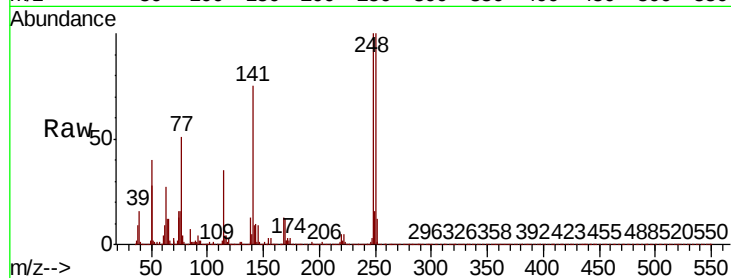




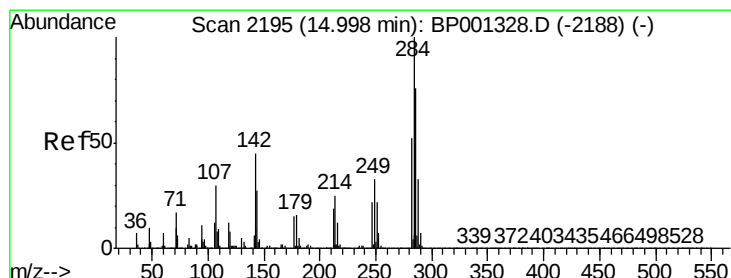
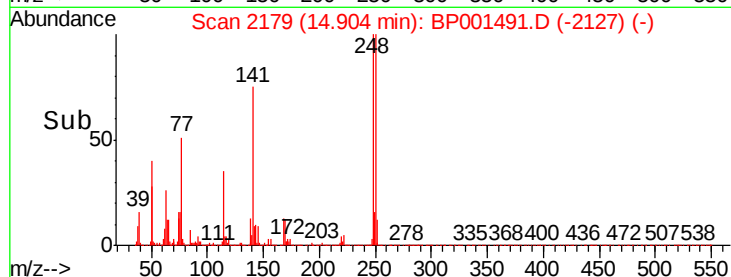
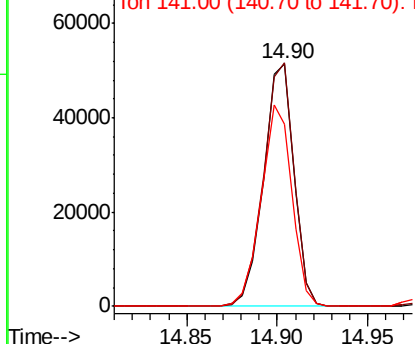
#67
4-Bromophenyl-phenylether
Concen: 48.910 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 60041
Ion Ratio Lower Upper
248 100
250 100.2 76.2 114.4
141 75.0 60.7 91.1

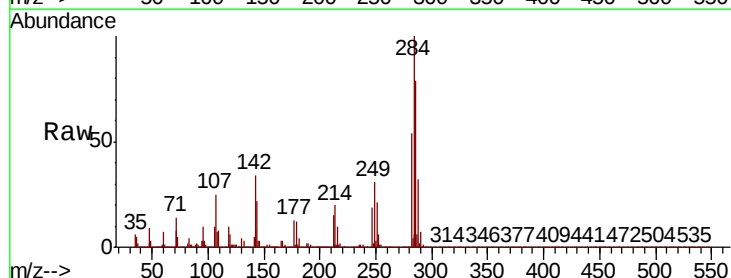


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

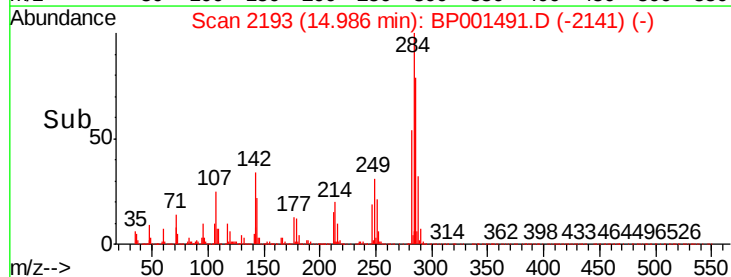
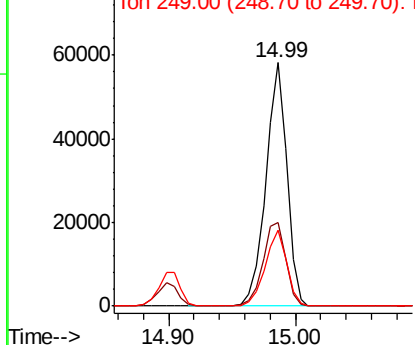


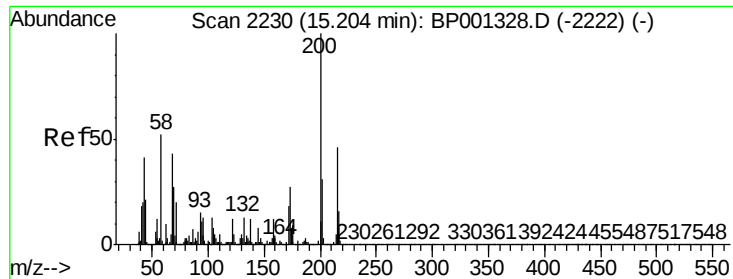
#68
Hexachlorobenzene
Concen: 47.909 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion:284 Resp: 66954
Ion Ratio Lower Upper
284 100
142 34.4 28.7 43.1
249 31.2 27.0 40.4



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

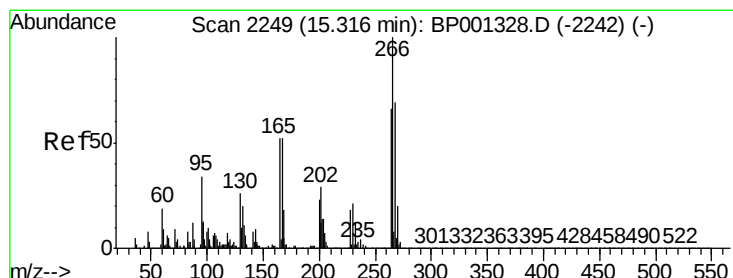
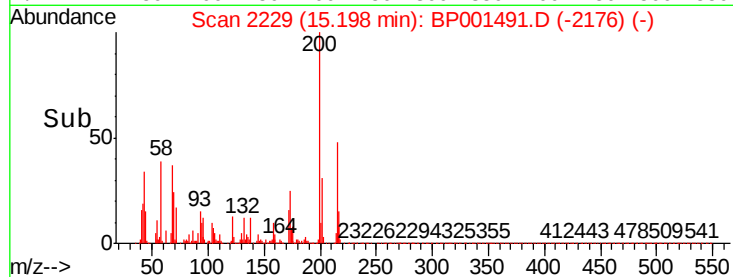
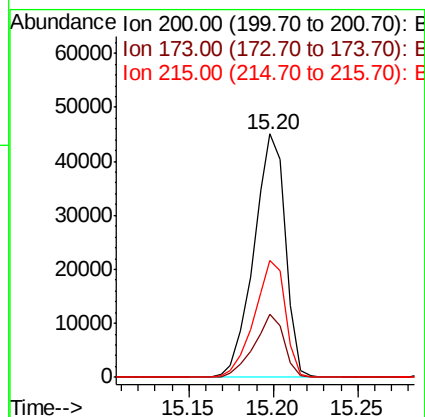
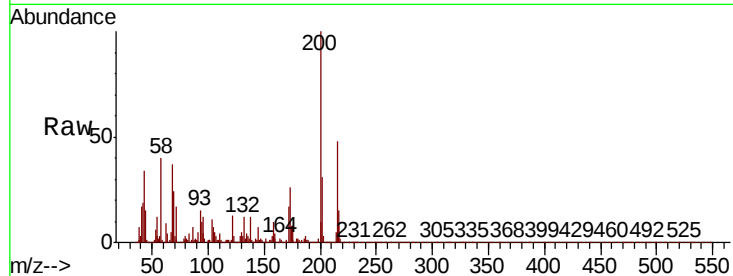




#69
Atrazine
Concen: 49.484 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

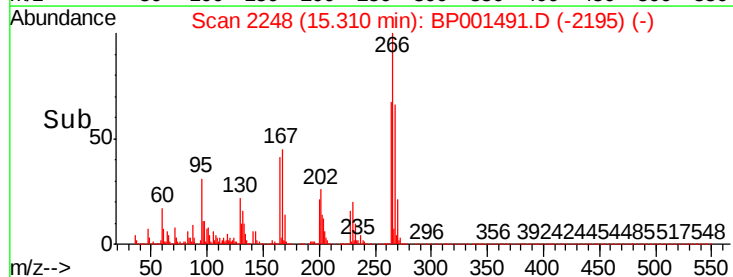
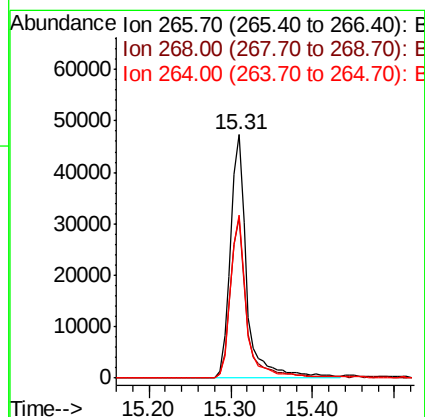
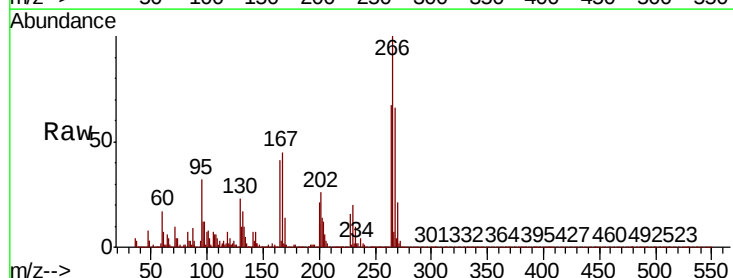
Instrument :
BNA_P
ClientSampled :

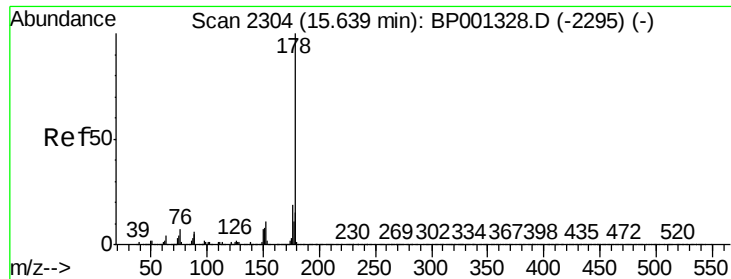
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	3.9	43.9
215	48.1	26.1	66.1



#70
Pentachlorophenol
Concen: 92.573 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	57.0	85.4
264	66.7	50.8	76.2

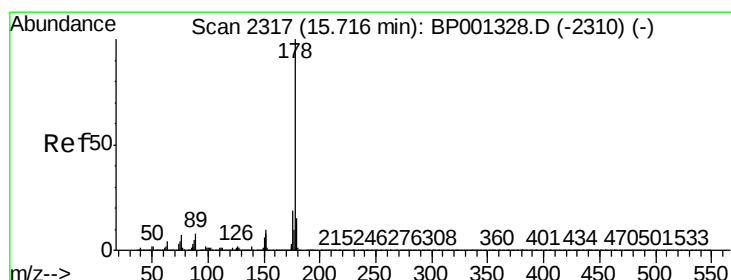
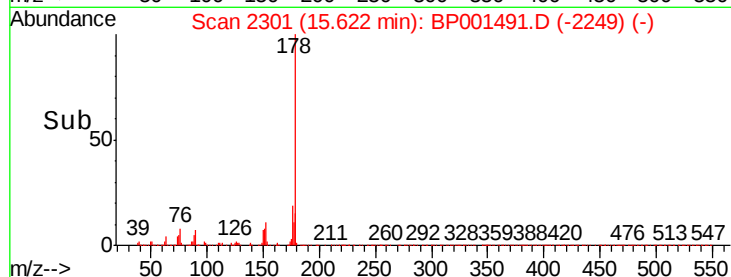
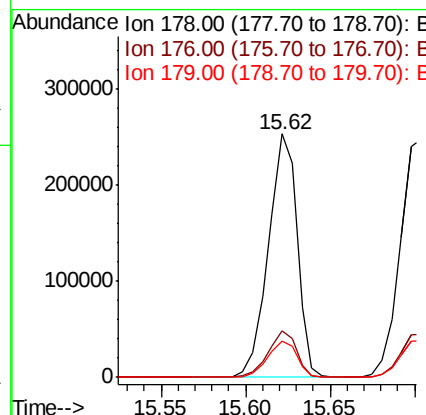
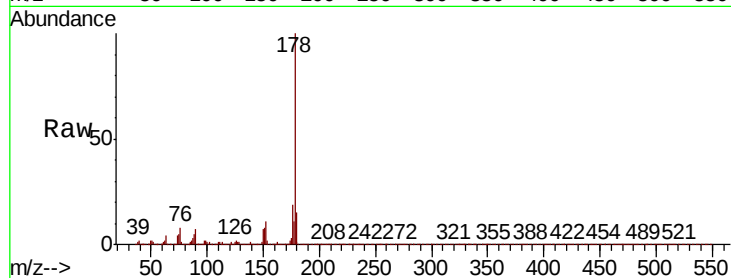




#71
Phenanthrene
Concen: 50.575 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

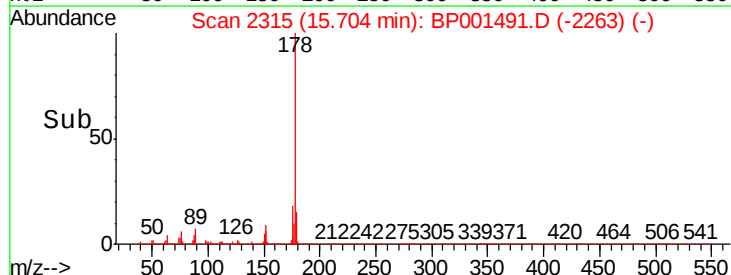
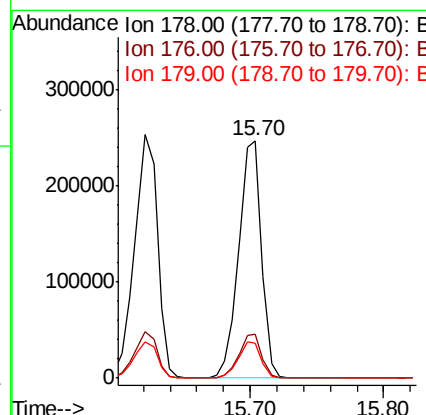
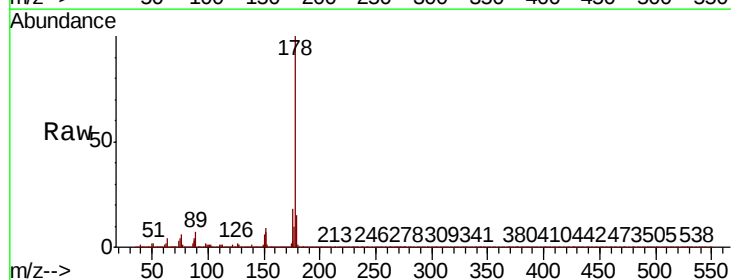
Instrument :
BNA_P
ClientSampleId :

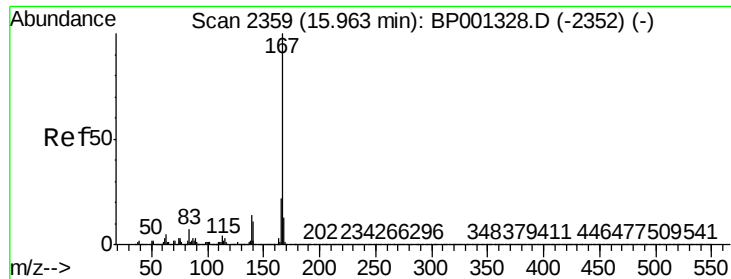
Tot Ion:178 Resp: 299594
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.1 12.2 18.2



#72
Anthracene
Concen: 50.550 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion:178 Resp: 296438
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 14.8 11.8 17.8

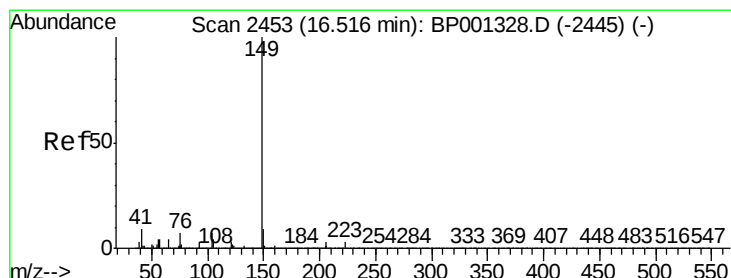
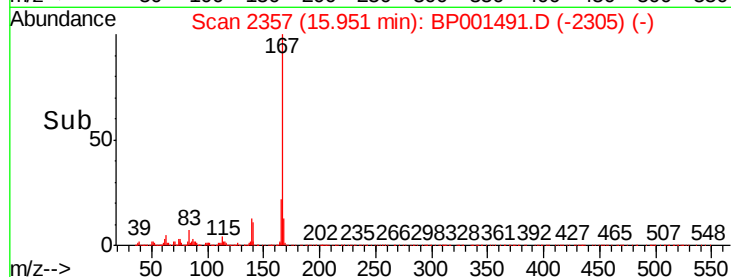
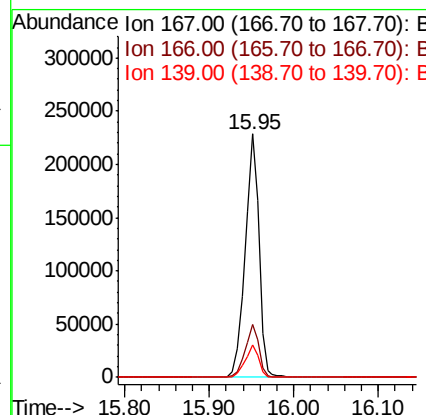
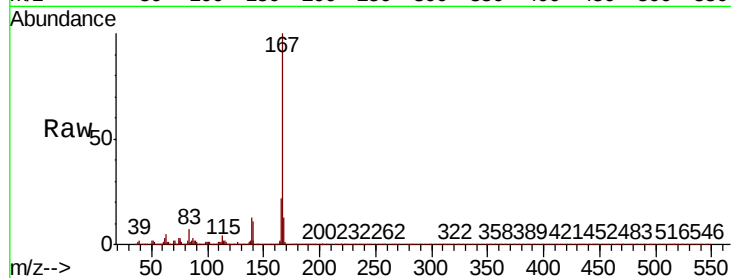




#73
 Carbazole
 Concen: 48.444 ng
 RT: 15.95 min Scan# 2357
 Delta R.T. 0.01 min
 Lab File: BP001491.D
 Acq: 28 Dec 2019 23:01

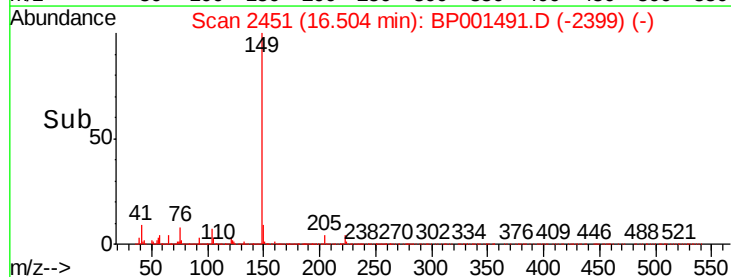
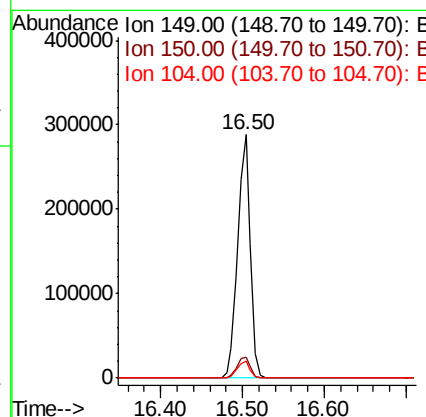
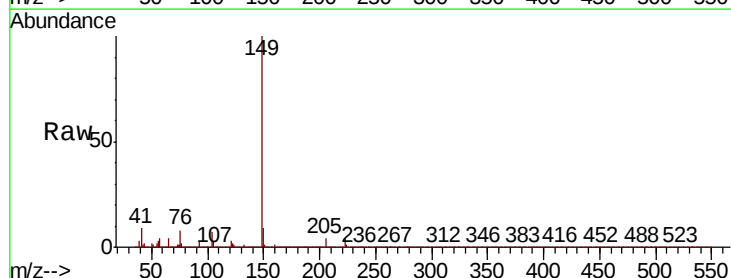
Instrument :
 BNA_P
 ClientSampleId :

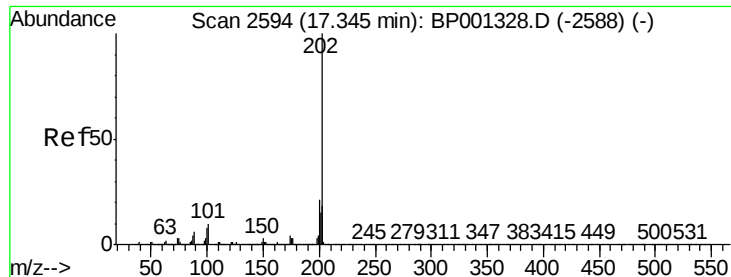
Tot Ion:167 Resp: 253279
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 43.264 ng
 RT: 16.50 min Scan# 2451
 Delta R.T. 0.01 min
 Lab File: BP001491.D
 Acq: 28 Dec 2019 23:01

Tgt Ion:149 Resp: 310409
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.0 10.6
 104 7.0 5.2 7.8





#75

Fluoranthene

Concen: 51.341 ng

RT: 17.34 min Scan# 2593

Delta R.T. 0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

ClientSampleId :

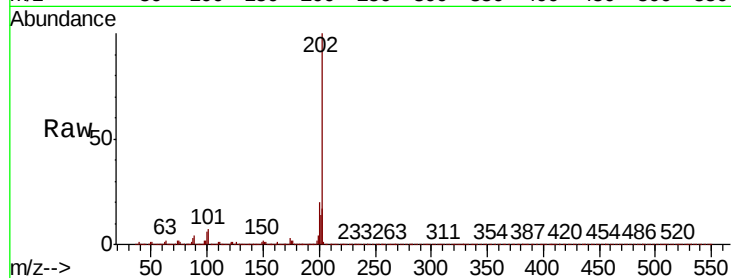
Tot Ion:202 Resp: 340073

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.7

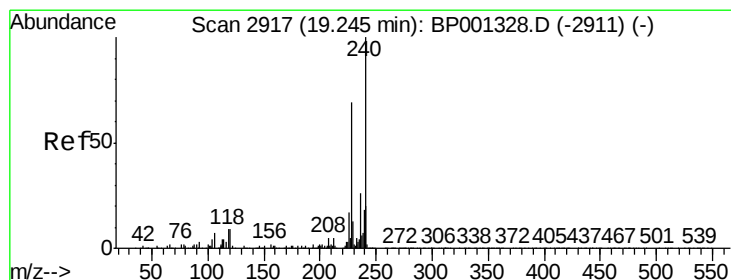
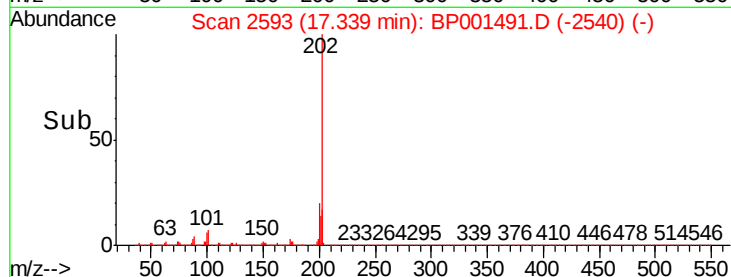
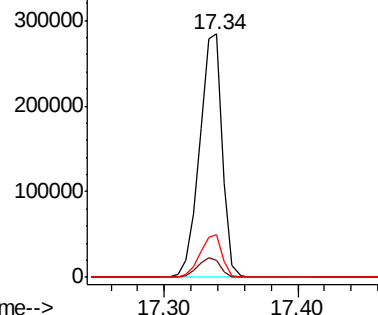
203 17.3 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.24 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

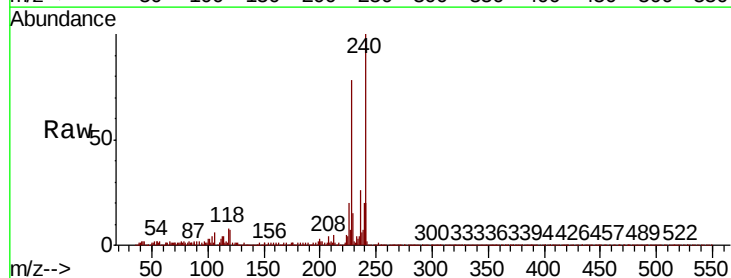
Tgt Ion:240 Resp: 82873

Ion Ratio Lower Upper

240 100

120 7.4 6.2 9.2

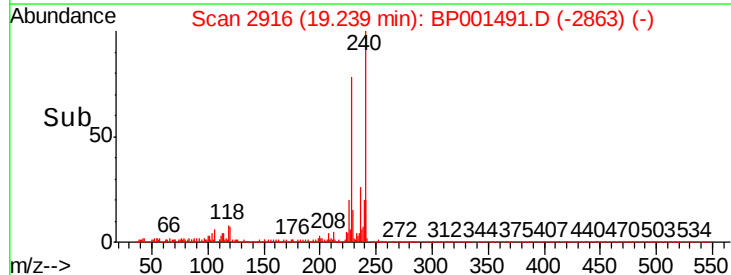
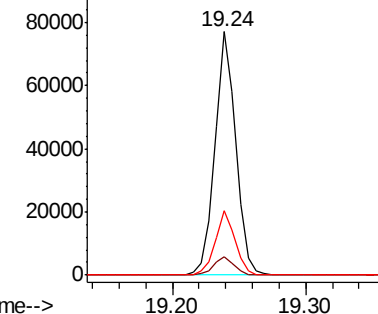
236 26.4 20.2 30.2

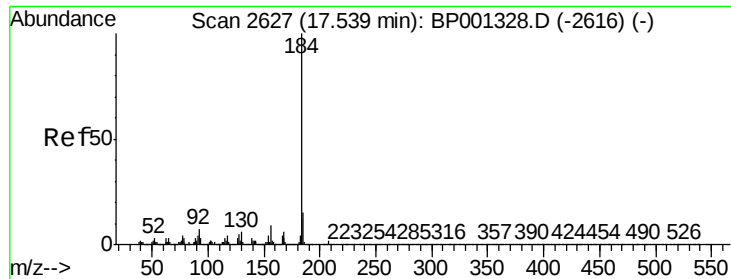


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.812 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.02 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

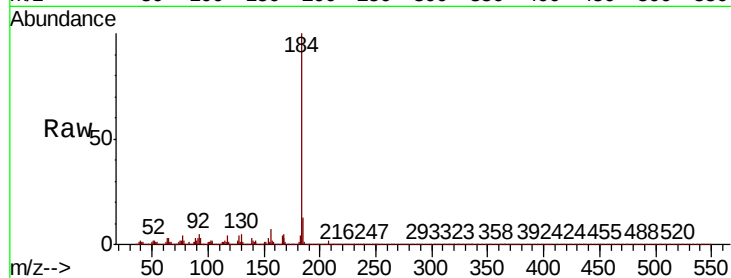
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 141905

Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.8	17.8
183	12.0	9.6	14.4

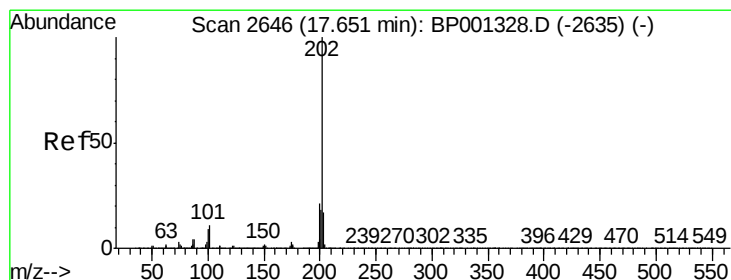
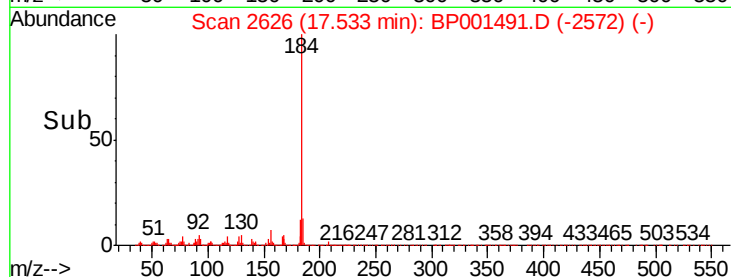
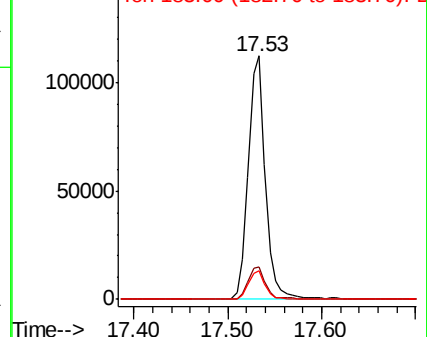


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.217 ng

RT: 17.65 min Scan# 2645

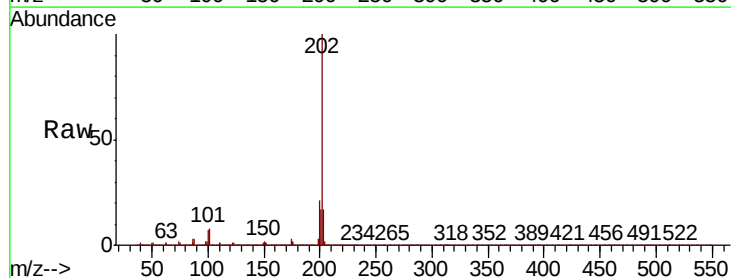
Delta R.T. 0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Tgt Ion:202 Resp: 335993

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.3	14.3	21.5

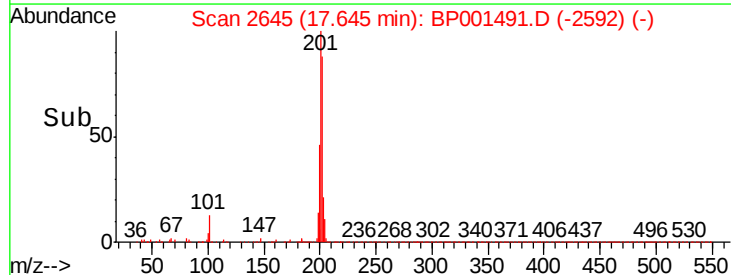
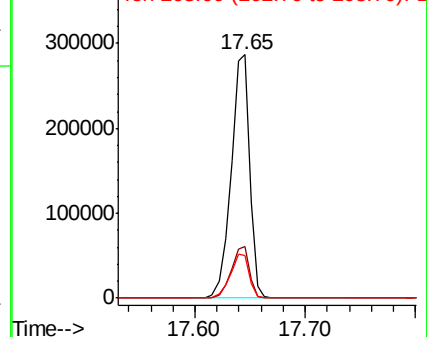


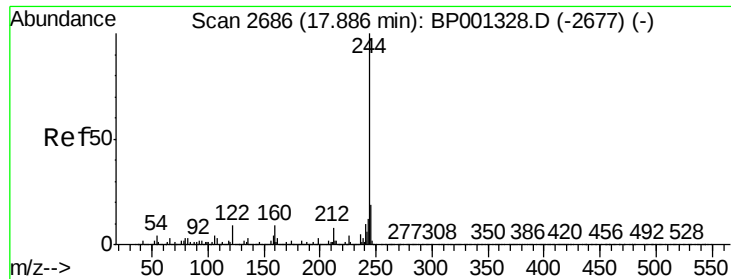
Abundance

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: 109.342 ng

RT: 17.87 min Scan# 2684

Delta R.T. 0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

ClientSampled :

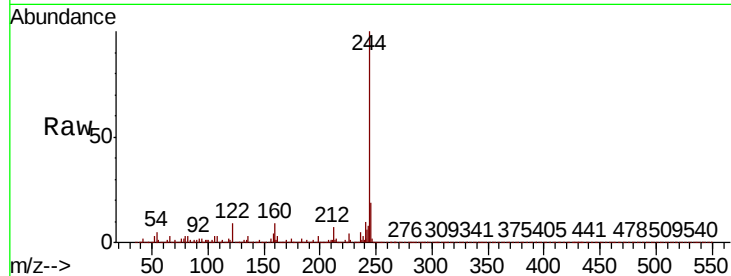
Tot Ion:244 Resp: 529057

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

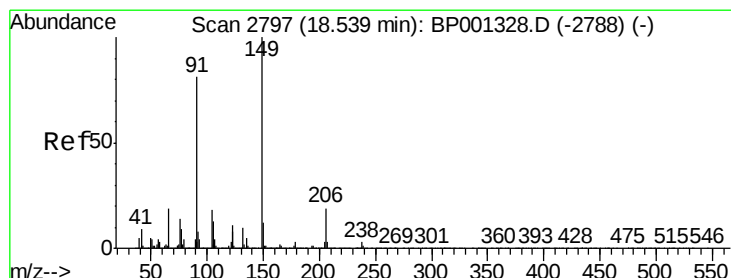
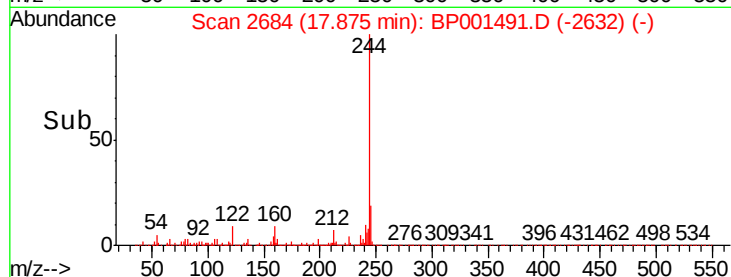
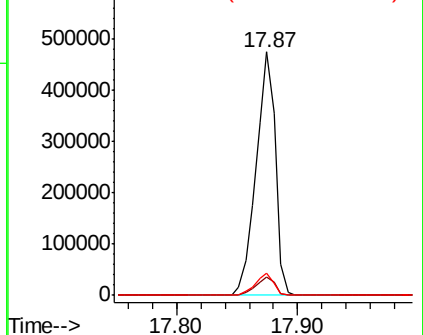
122 9.0 6.4 9.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.800 ng

RT: 18.53 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

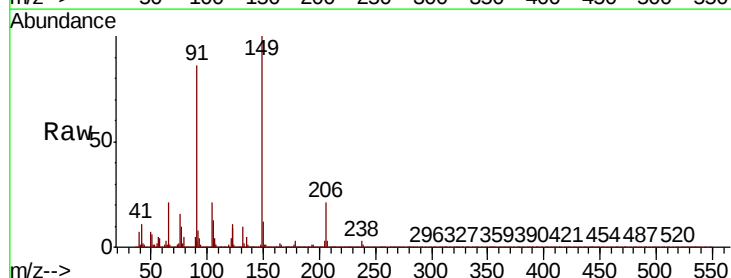
Tgt Ion:149 Resp: 128394

Ion Ratio Lower Upper

149 100

91 85.5 59.8 89.6

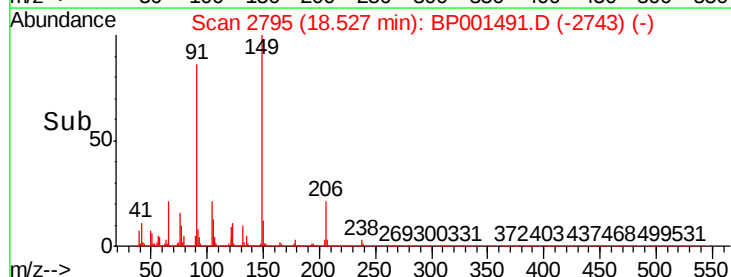
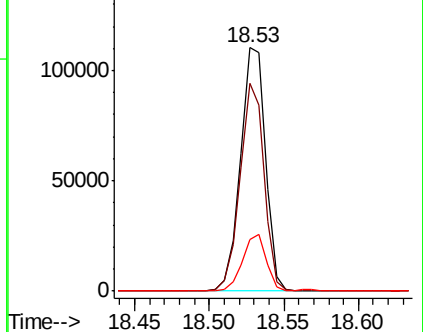
206 21.0 18.3 27.5

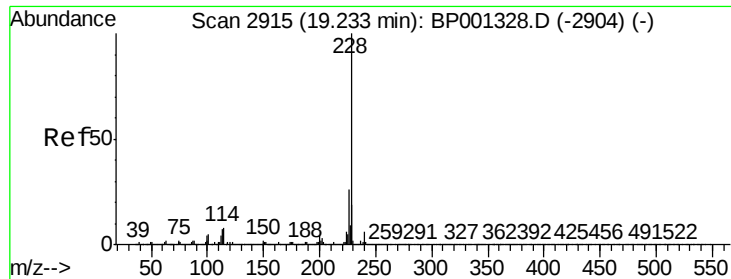


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.239 ng

RT: 19.23 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

ClientSampleId :

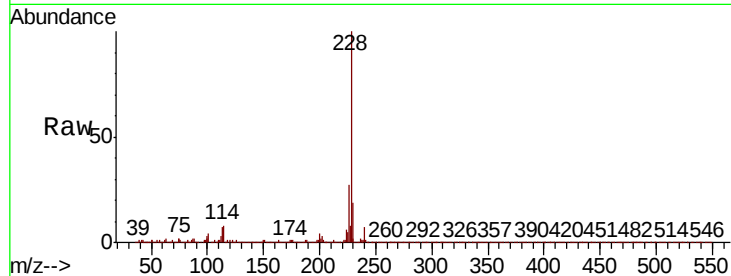
Tot Ion:228 Resp: 297347

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.2

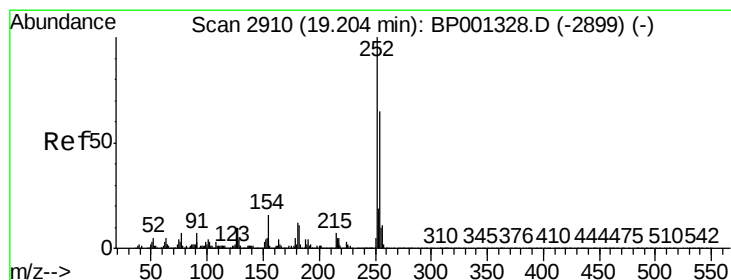
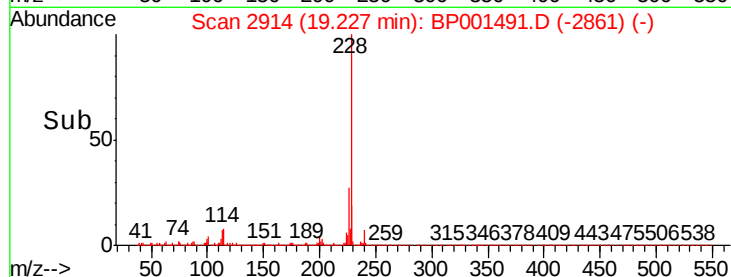
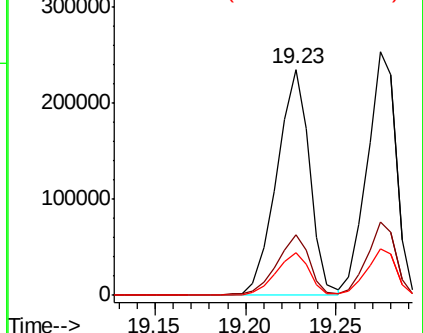
229 18.8 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.243 ng

RT: 19.20 min Scan# 2909

Delta R.T. 0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

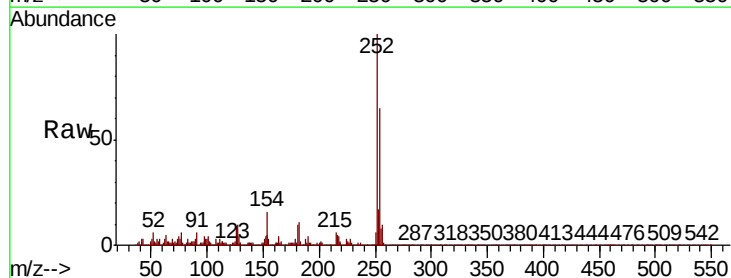
Tgt Ion:252 Resp: 82291

Ion Ratio Lower Upper

252 100

254 64.9 52.3 78.5

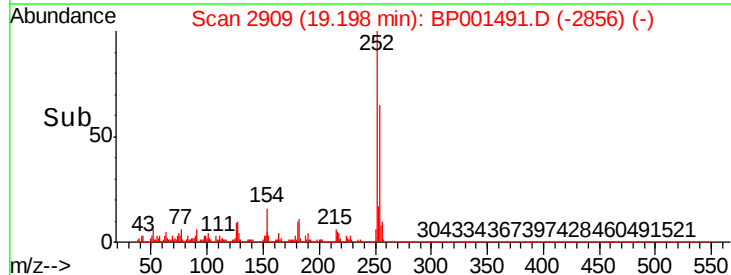
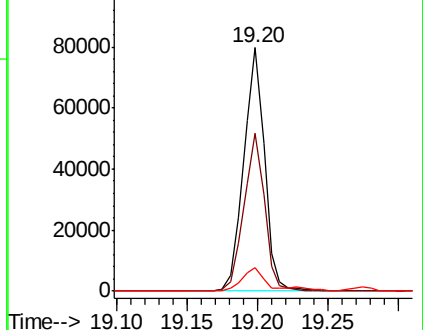
126 9.4 7.3 10.9

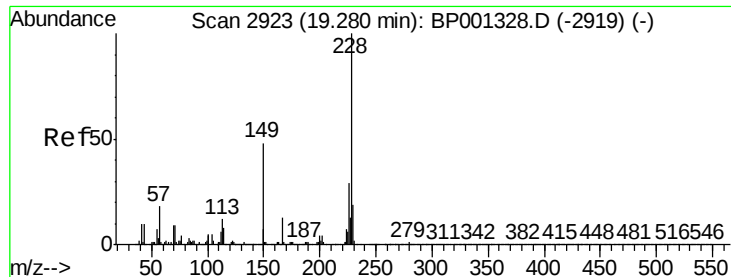


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.459 ng

RT: 19.27 min Scan# 2922

Delta R.T. 0.01 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

ClientSampleId :

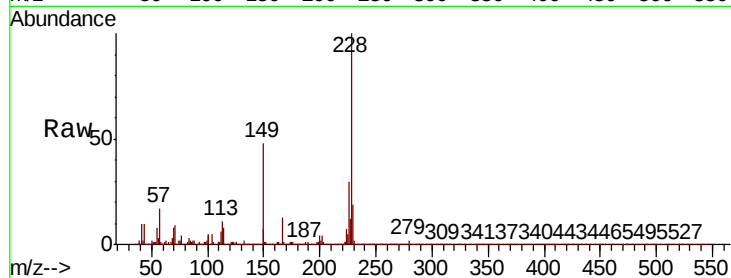
Tot Ion:228 Resp: 282460

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.2

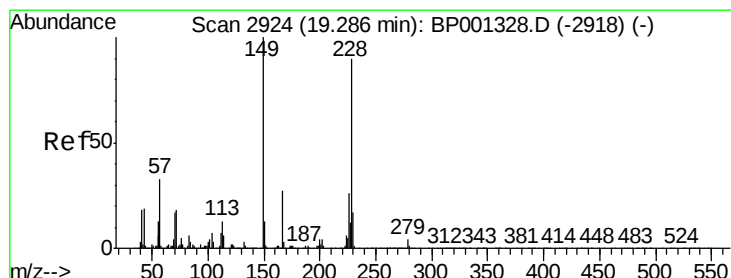
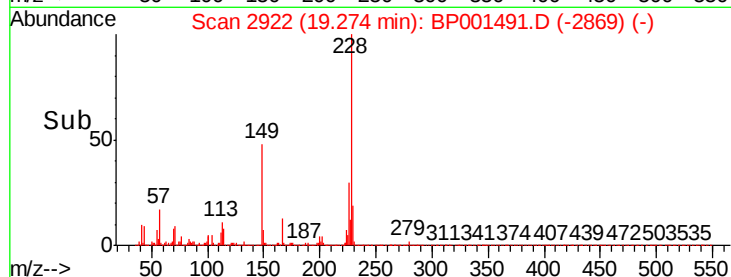
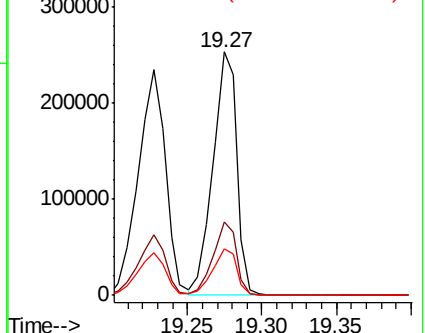
229 19.1 15.5 23.3



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: 41.972 ng

RT: 19.28 min Scan# 2923

Delta R.T. 0.02 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

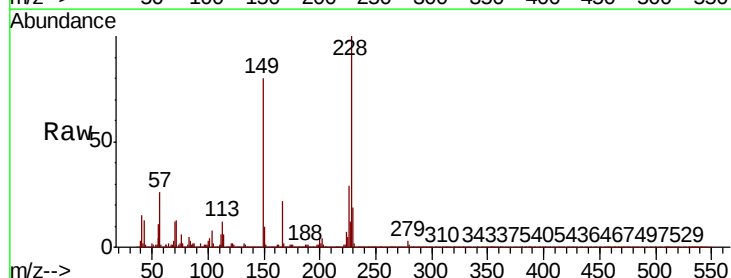
Tgt Ion:149 Resp: 184758

Ion Ratio Lower Upper

149 100

167 27.9 21.4 32.0

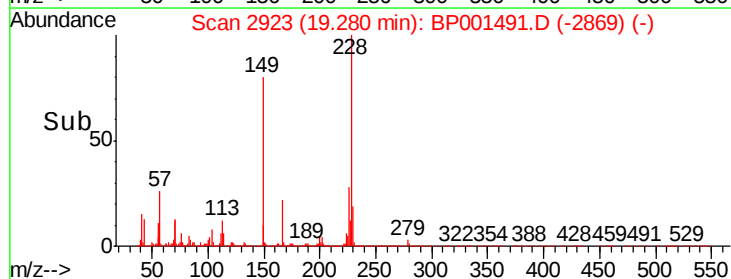
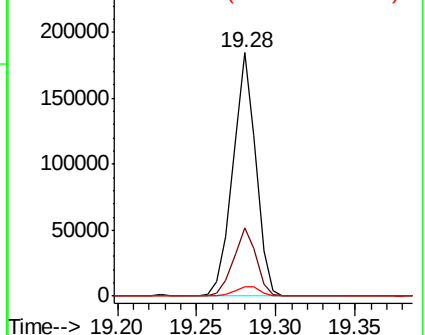
279 4.0 3.2 4.8

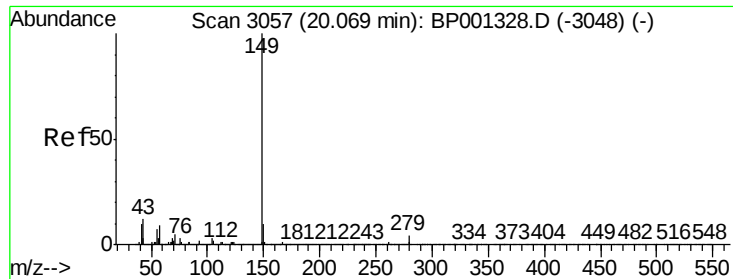


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.218 ng

RT: 20.06 min Scan# 3056

Delta R.T. 0.02 min

Lab File: BP001491.D

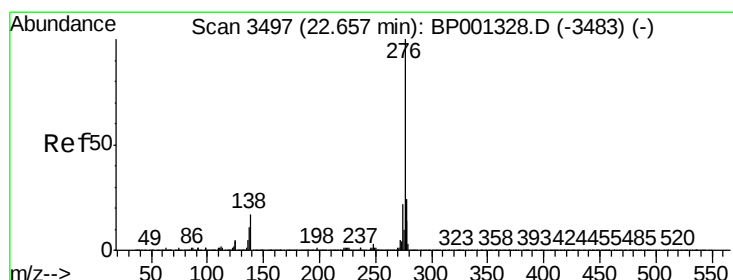
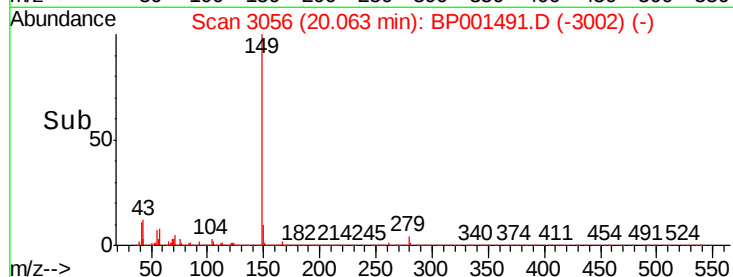
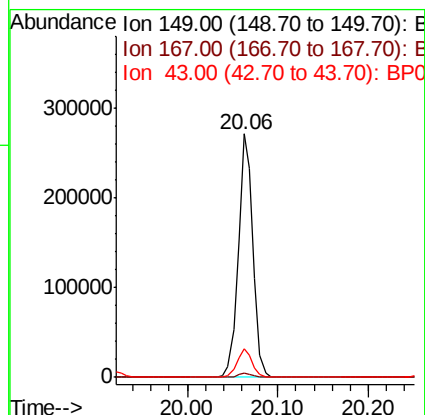
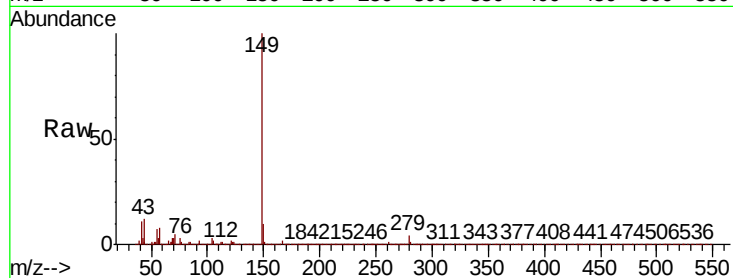
Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	149	Resp:	308013
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	11.8	8.6	13.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.119 ng

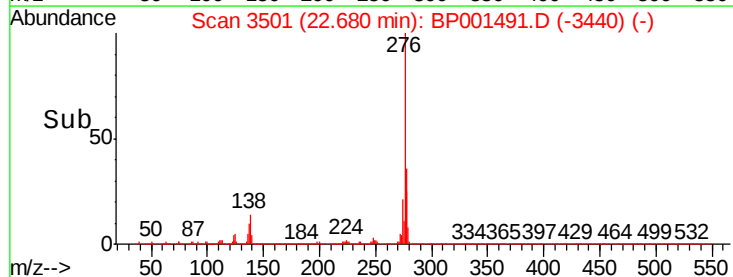
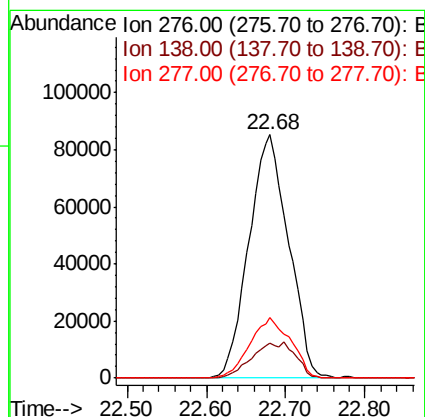
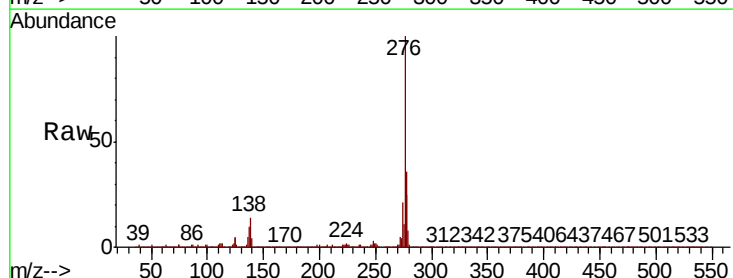
RT: 22.68 min Scan# 3501

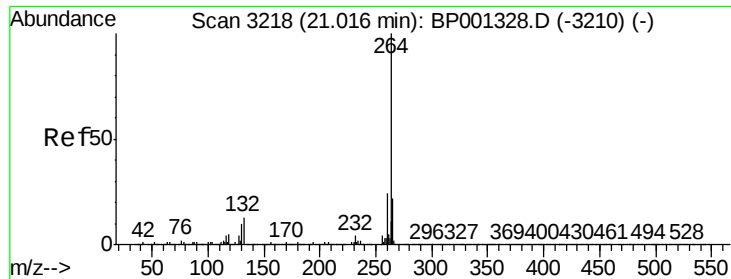
Delta R.T. 0.06 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Tgt Ion:	276	Resp:	296623
Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.8	19.2
277	25.7	19.9	29.9

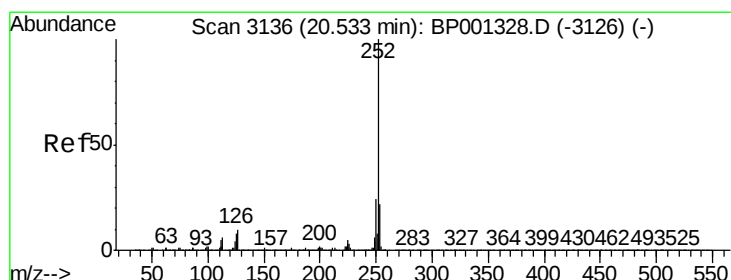
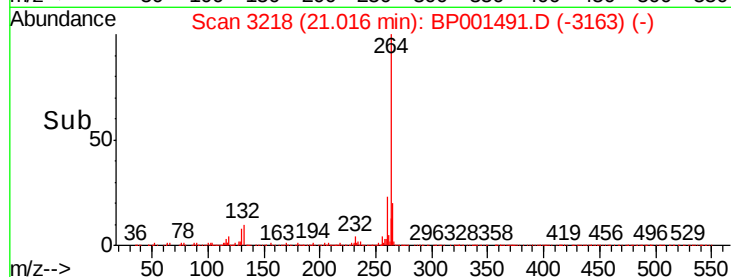
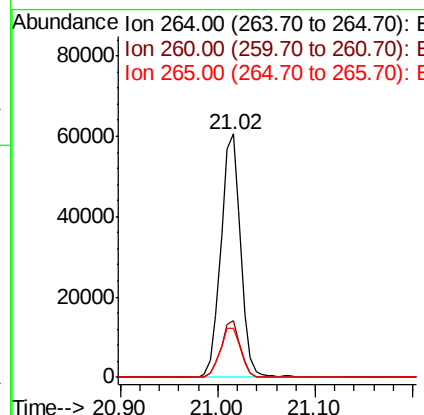
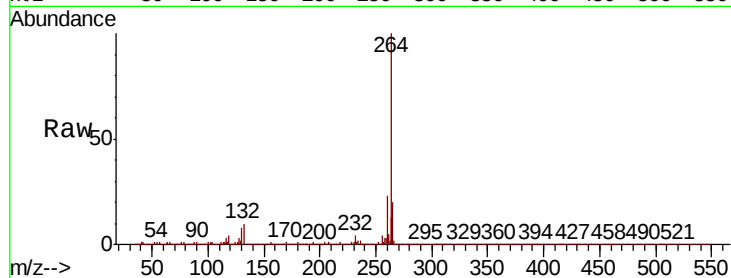




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. 0.02 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

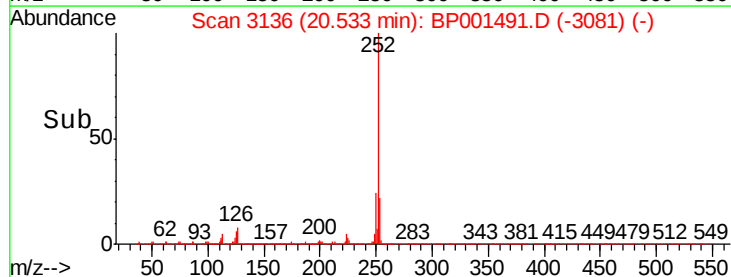
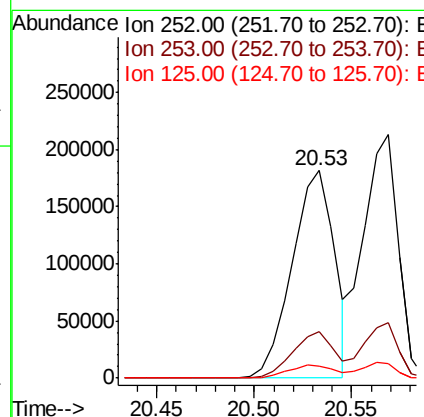
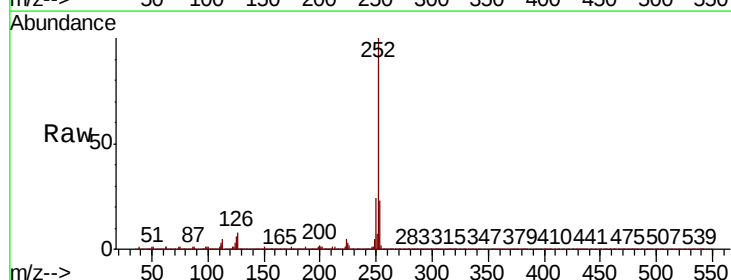
Instrument :
BNA_P
ClientSampleId :

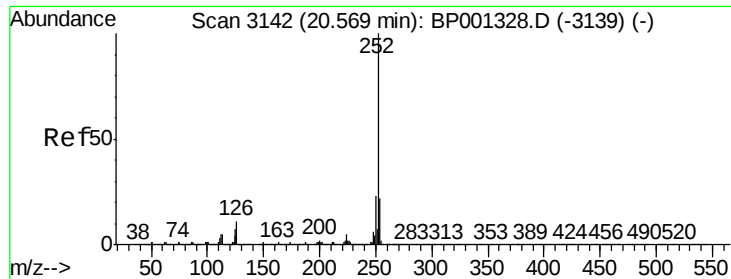
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	20.1	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 49.338 ng
RT: 20.53 min Scan# 3136
Delta R.T. 0.02 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	6.0	5.6	8.4

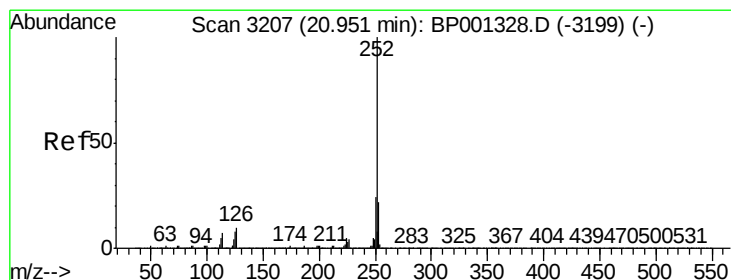
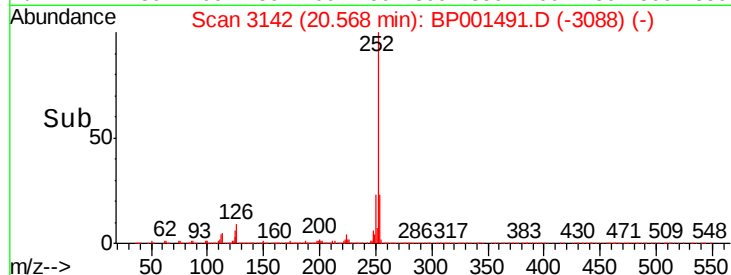
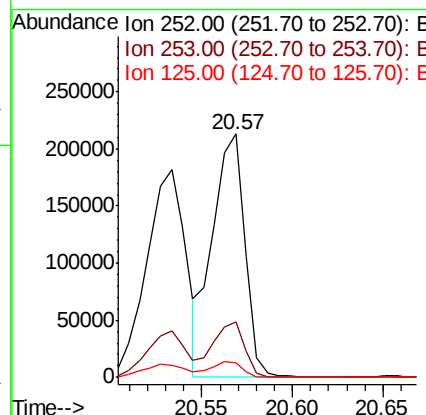
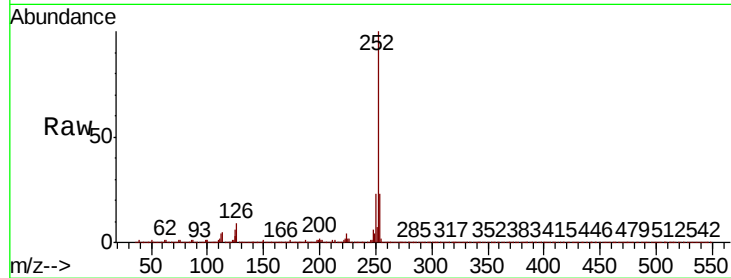




#89
Benzo(k)fluoranthene
Concen: 50.195 ng
RT: 20.57 min Scan# 3142
Delta R.T. 0.02 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

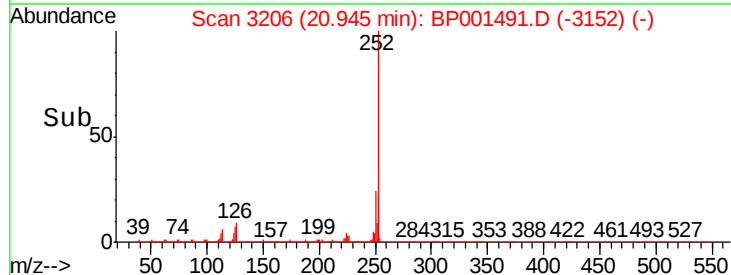
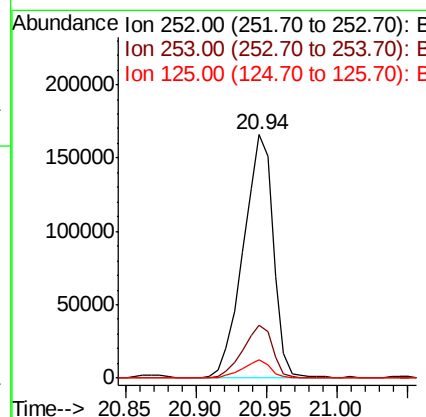
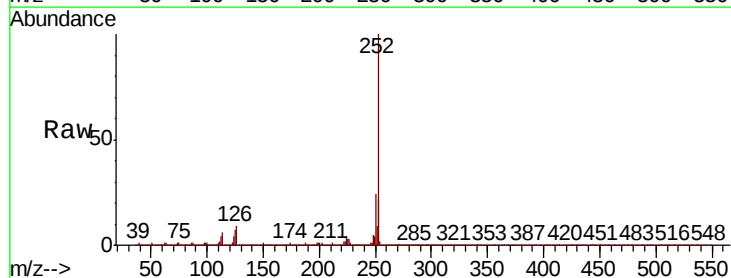
Instrument :
BNA_P
ClientSampled :

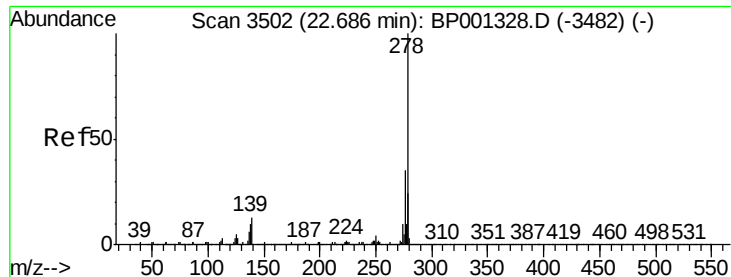
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	6.2	4.5	6.7



#90
Benzo(a)pyrene
Concen: 48.728 ng
RT: 20.94 min Scan# 3206
Delta R.T. 0.02 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	7.3	5.2	7.8

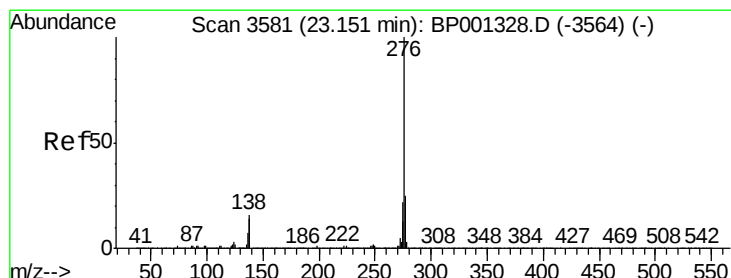
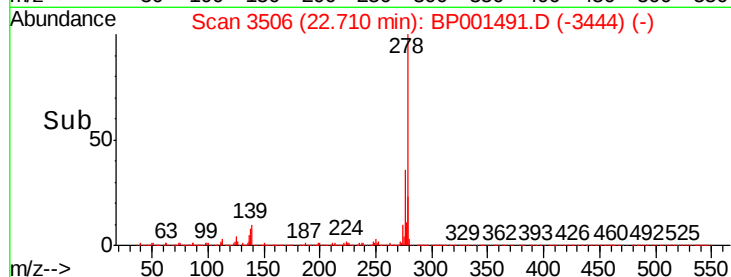
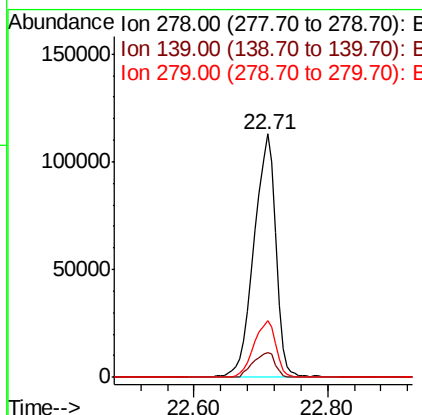
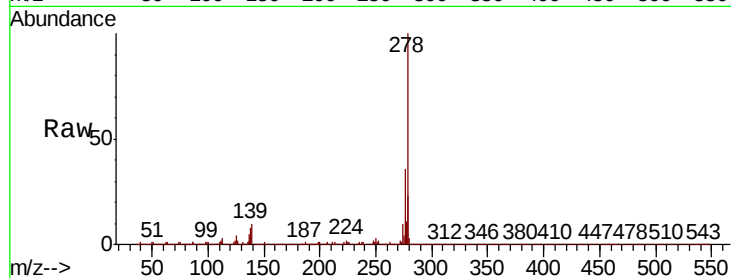




#91
Dibenzo(a,h)anthracene
Concen: 50.960 ng
RT: 22.71 min Scan# 3506
Delta R.T. 0.06 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	8.3	12.5
279	23.4	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 51.609 ng
RT: 23.18 min Scan# 3586
Delta R.T. 0.07 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.6	27.8
138	14.6	10.5	15.7

