

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 :
 SB-2-(4-5)MSD

Manual Integrations
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 12/30/2019 2:09:48 PM

Quant Time: Dec 29 08:29:04 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	21097m	50.131	ng	
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

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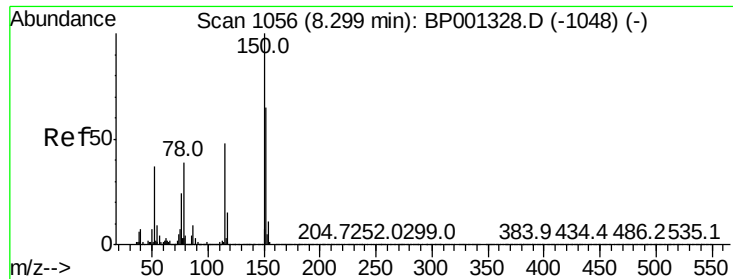
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	89213	96.007	ng	99
43) 2,4,6-Trichlorophenol	11.96	196	57101	49.419	ng	97
44) 2,4,5-Trichlorophenol	12.02	196	60742	51.165	ng	97
46) 1,1'-Biphenyl	12.25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

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Acq: 28 Dec 2019 23:01

Instrument :

BNA_P

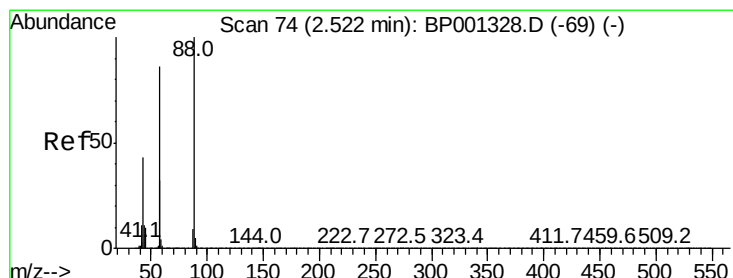
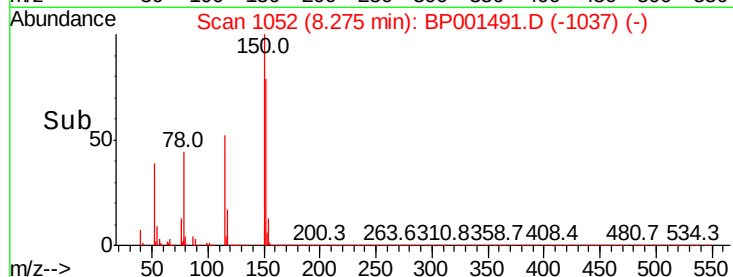
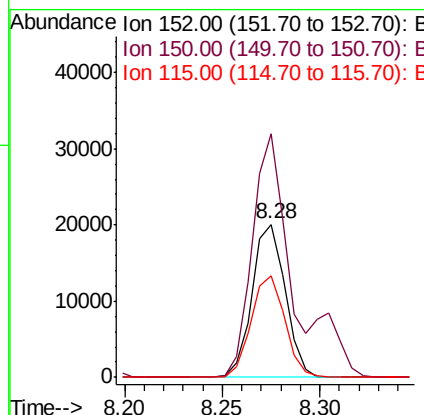
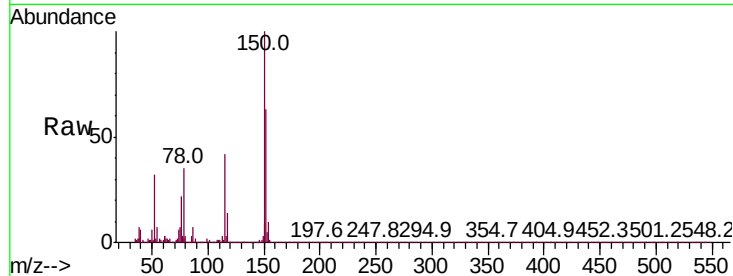
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	152	Resp:	23811
Ion Ratio	Lower	Upper	
152	100		
150	159.3	127.0	190.6
115	66.6	56.1	84.1

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#2

1,4-Dioxane

Concen: 36.133 ng

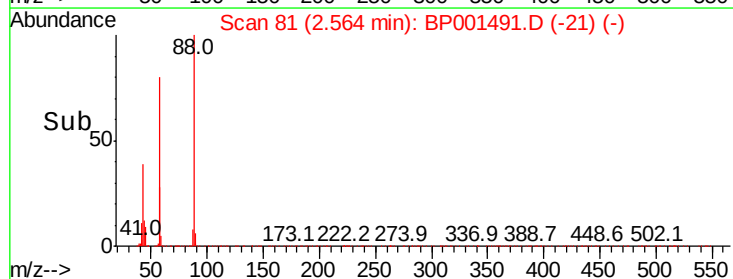
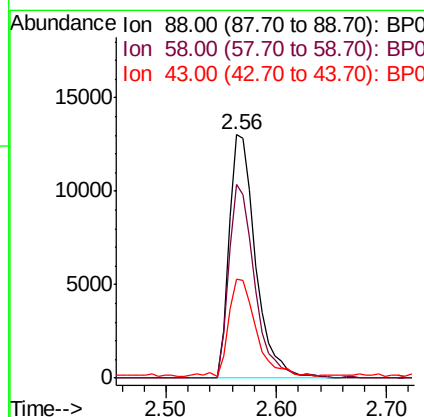
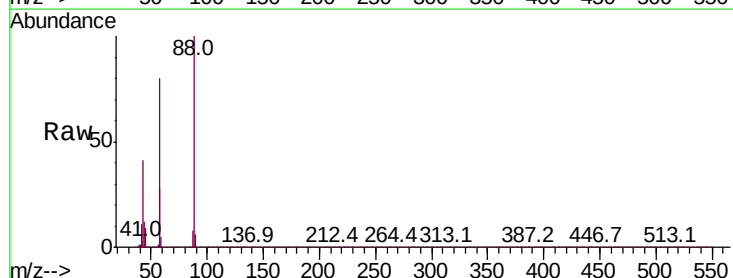
RT: 2.56 min Scan# 81

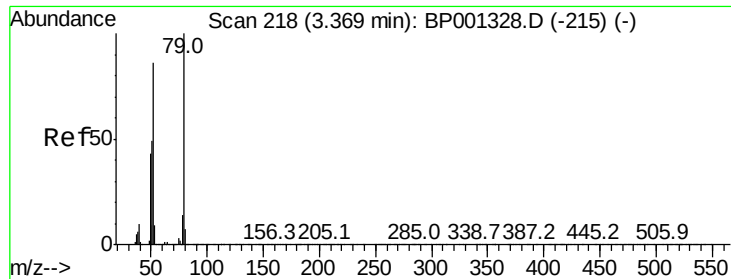
Delta R.T. 0.05 min

Lab File: BP001491.D

Acq: 28 Dec 2019 23:01

Tgt Ion:	88	Resp:	21908
Ion Ratio	Lower	Upper	
88	100		
58	78.2	66.9	100.3
43	41.8	32.9	49.3





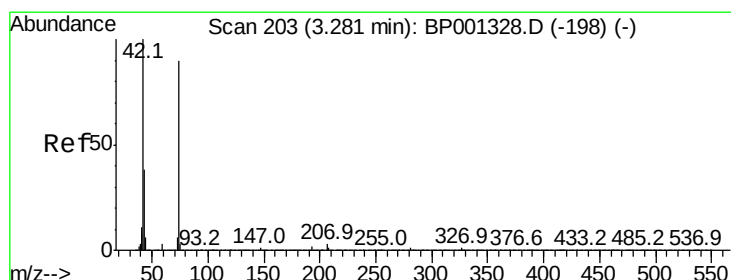
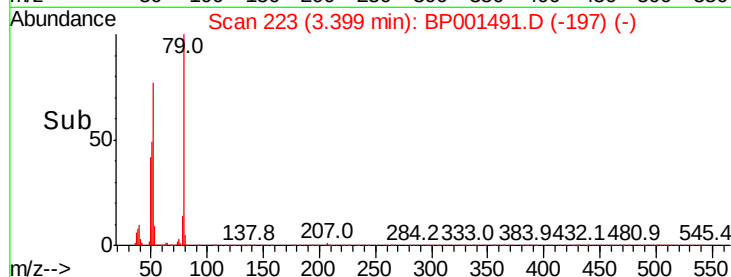
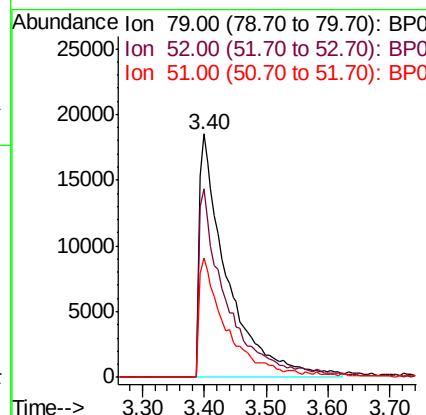
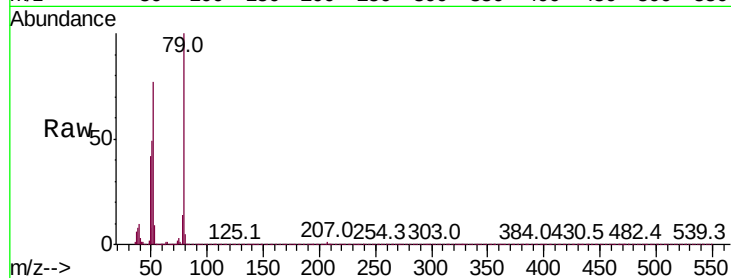
#3
Pvridine
Concen: 34.771 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.05 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

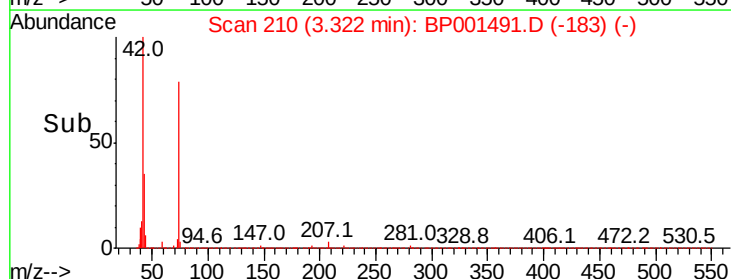
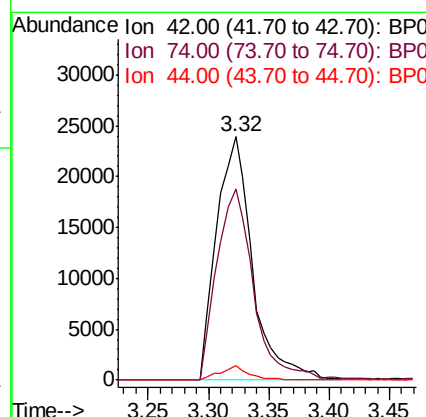
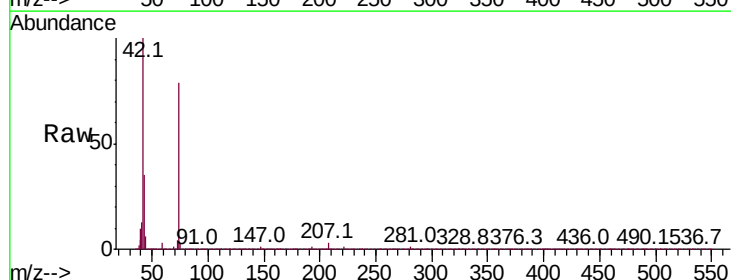
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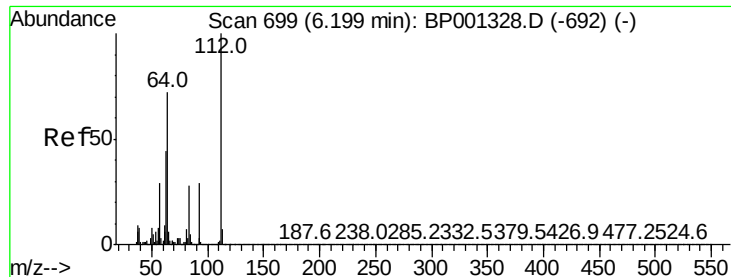
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#4
n-Nitrosodimethylamine
Concen: 47.050 ng
RT: 3.32 min Scan# 210
Delta R.T. 0.06 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	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

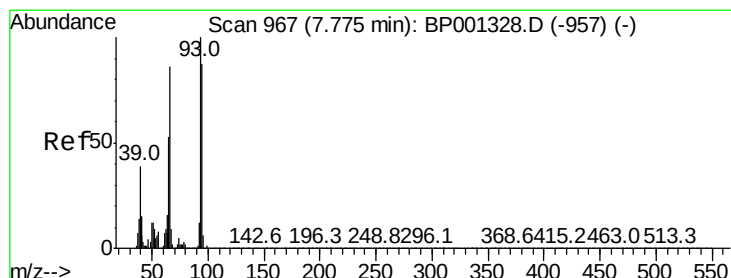
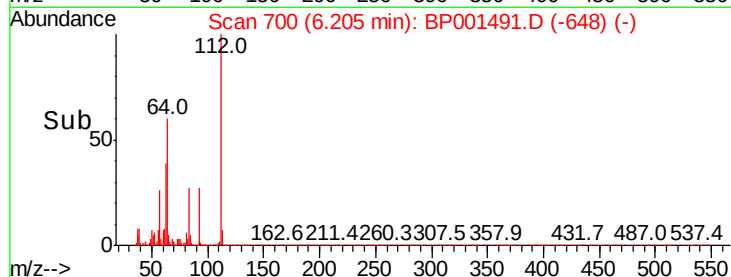
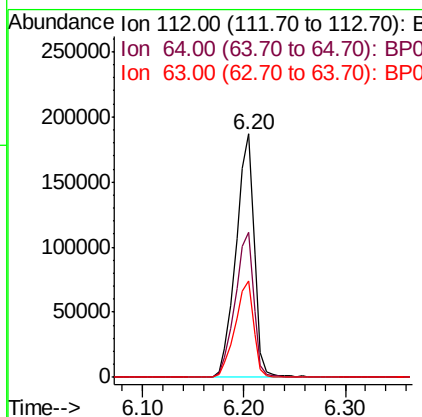
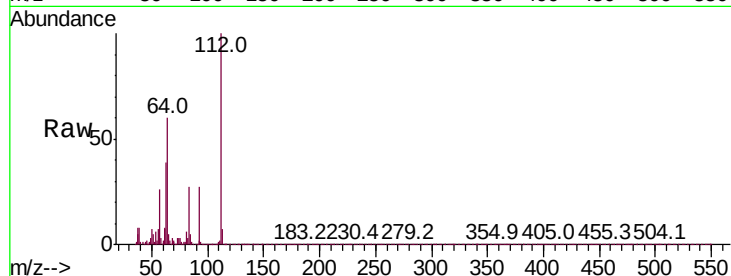
ClientSampleId :

SB-2-(4-5)MSD

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

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#6

Aniline

Concen: 35.944 ng

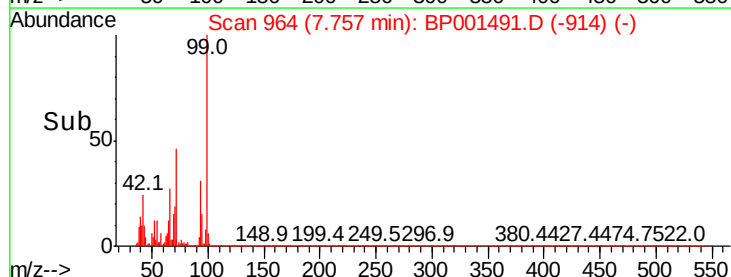
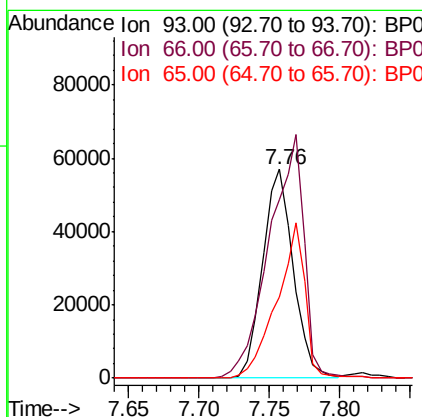
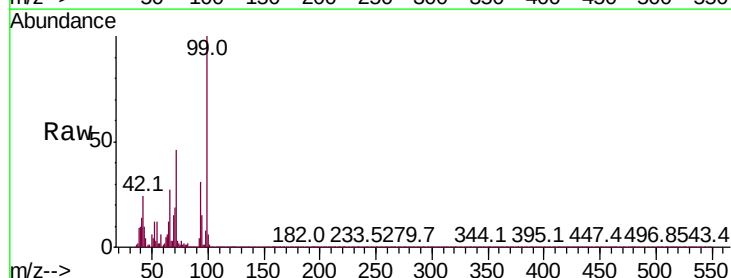
RT: 7.76 min Scan# 964

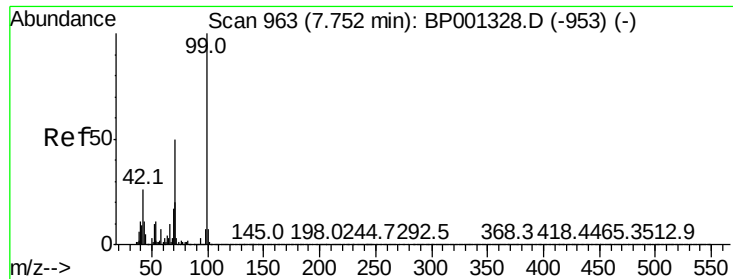
Delta R.T. -0.01 min

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#





#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

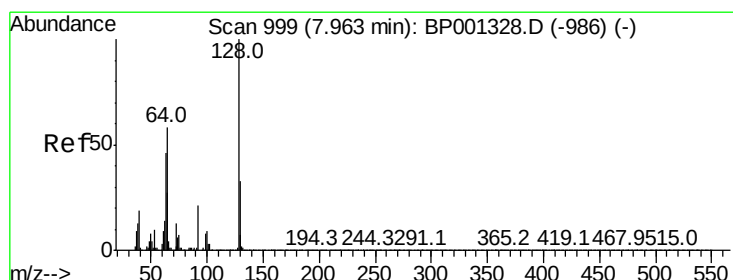
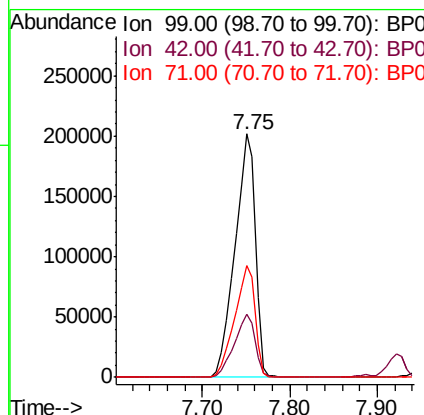
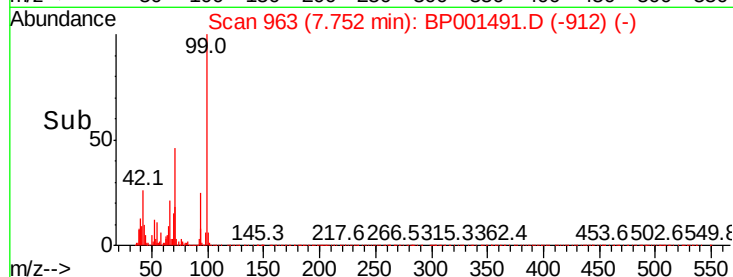
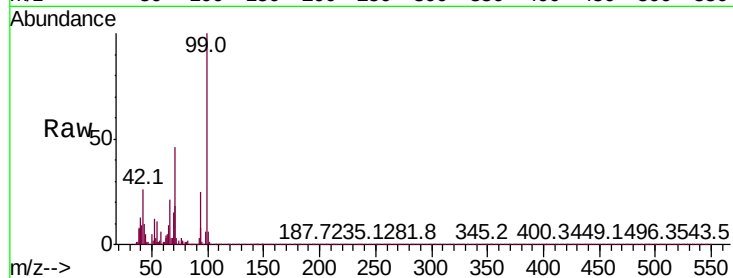
ClientSampleId :

SB-2-(4-5)MSD

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

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#8

2-Chlorophenol

Concen: 51.309 ng

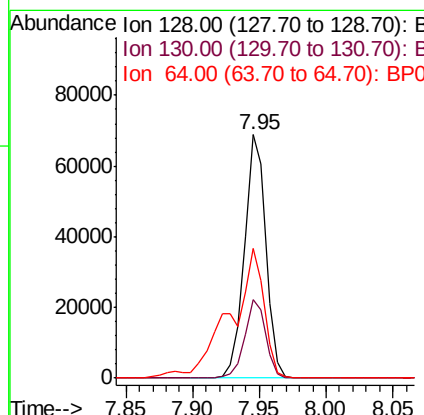
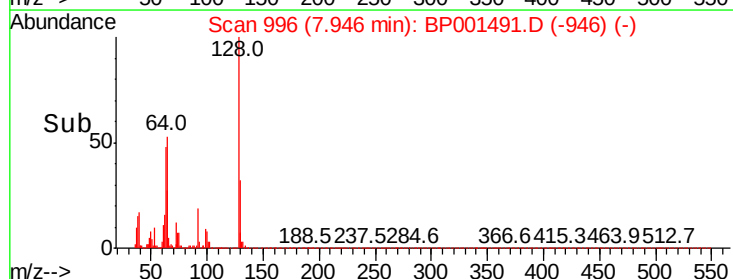
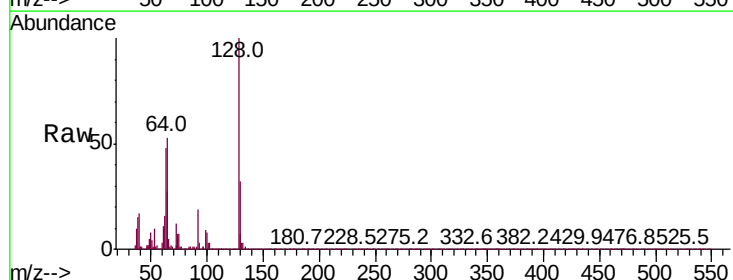
RT: 7.95 min Scan# 996

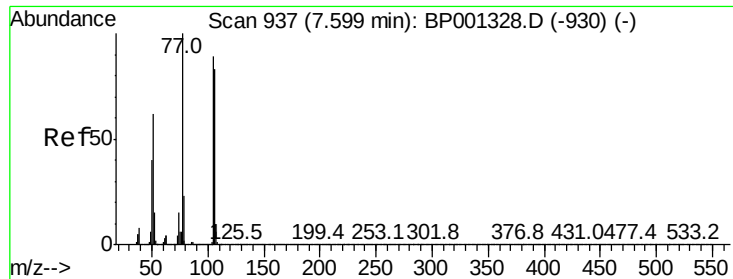
Delta R.T. -0.01 min

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





#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

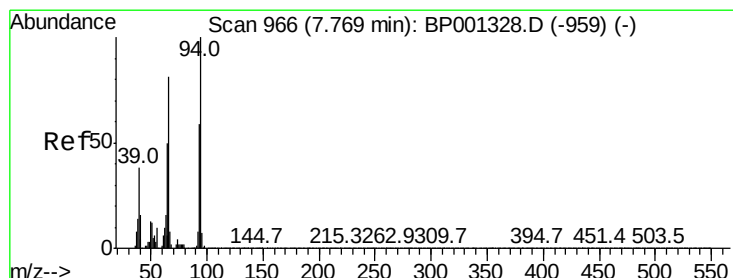
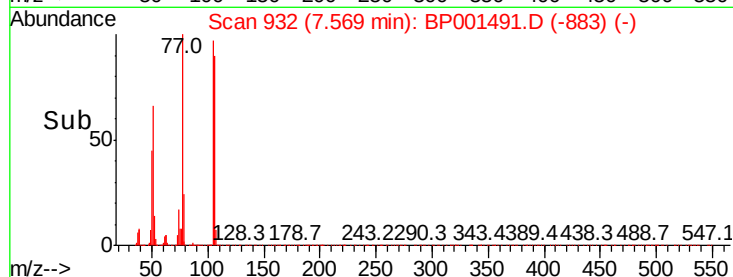
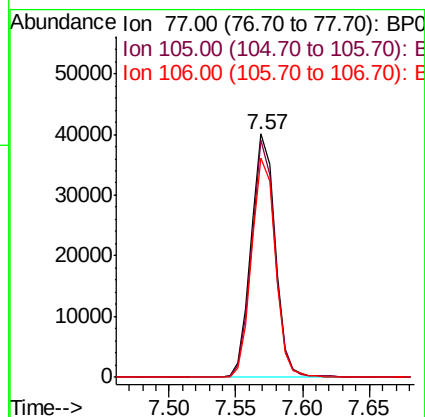
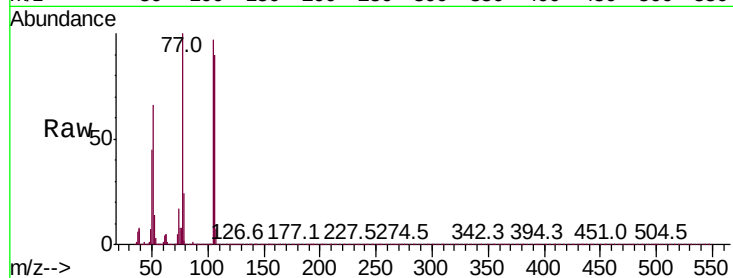
ClientSampleID :

SB-2-(4-5)MSD

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

Manual Integrations
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#10

Phenol

Concen: 49.604 ng

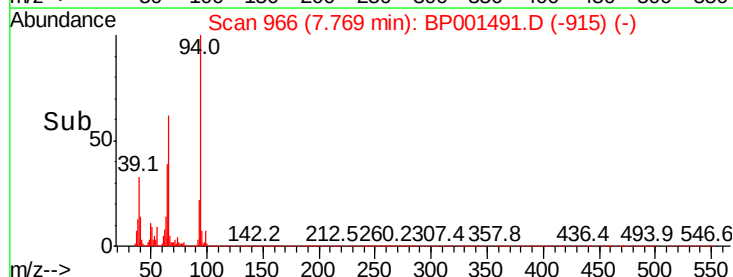
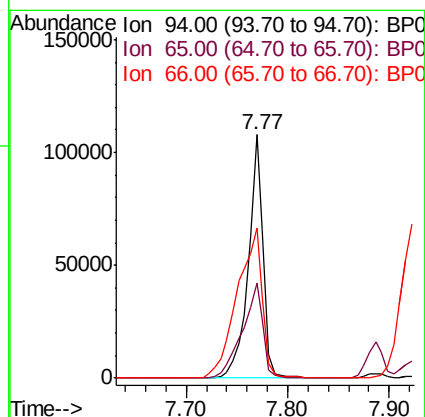
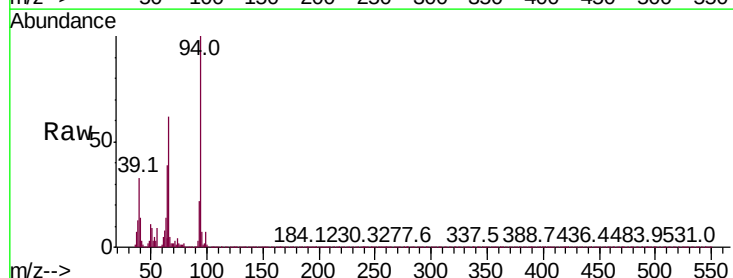
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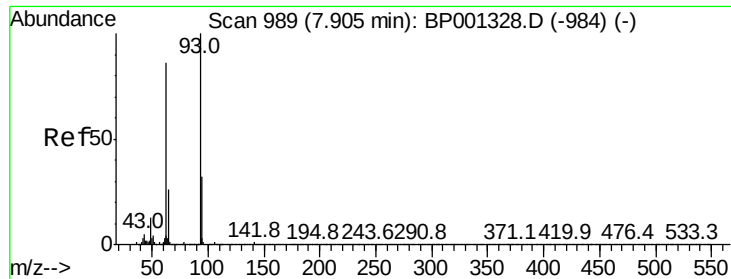
Delta R.T. -0.00 min

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#





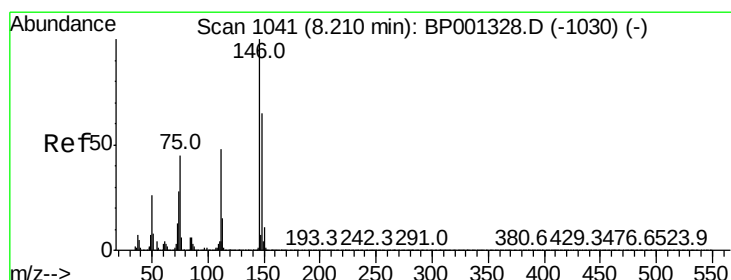
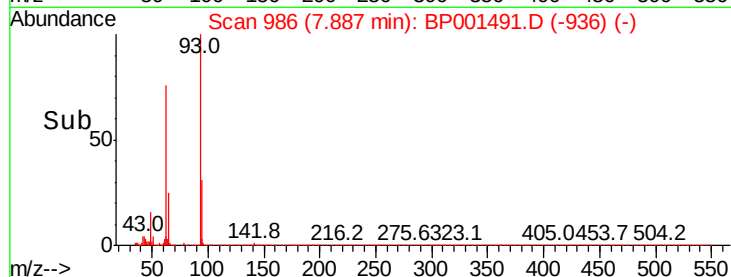
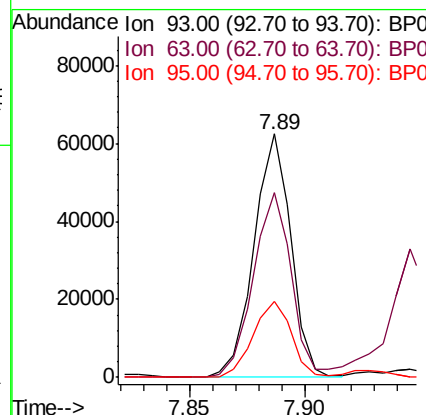
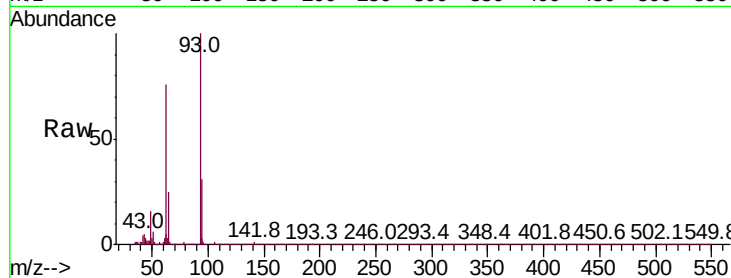
#11
bis(2-Chloroethyl)ether
Concen: 44.940 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		69835		
63	75.9	64.9	104.9		
95	31.1	12.8	52.8		

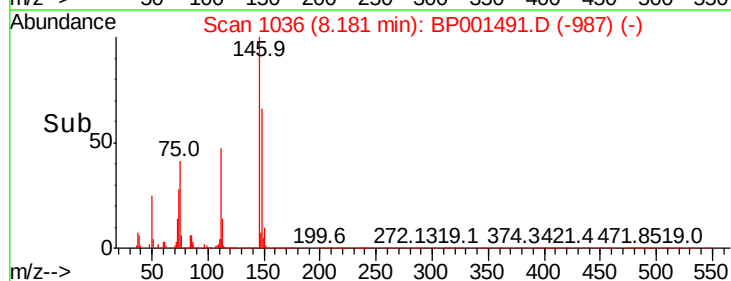
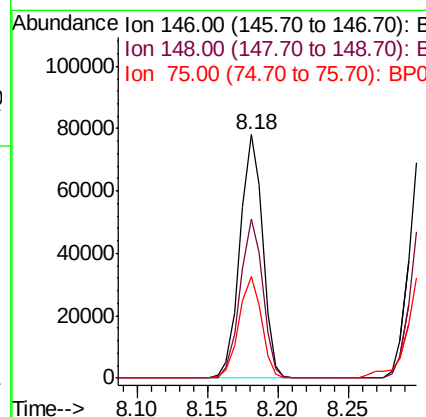
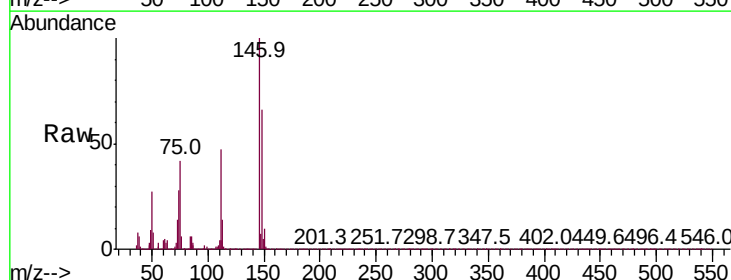
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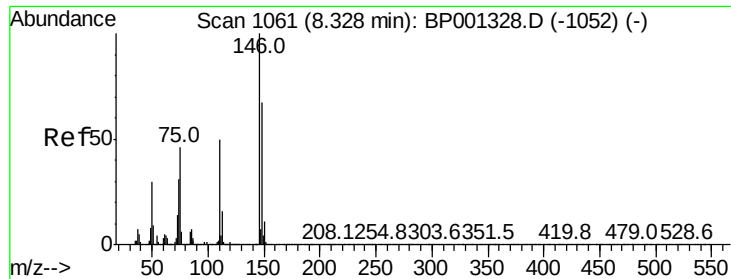
mohammad
12/30/2019 2:09:48 PM



#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	Ion	Ratio	Resp	Lower	Upper
146	100		87371		
148	65.5	52.2	78.2		
75	41.8	35.8	53.8		





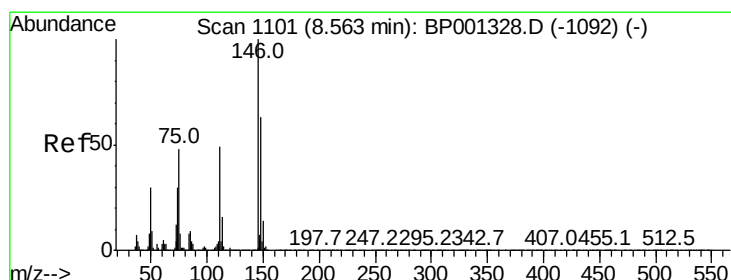
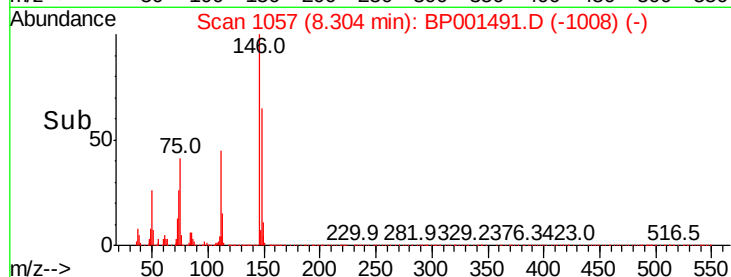
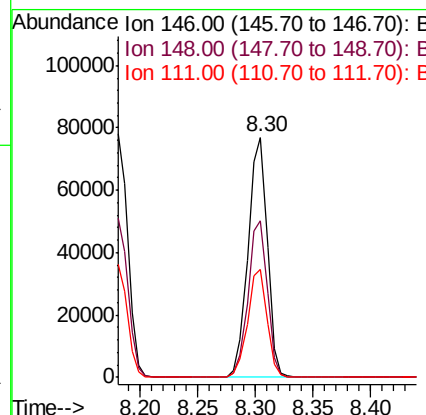
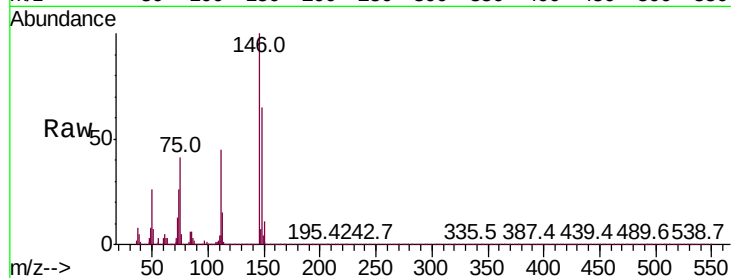
#13
1,4-Dichlorobenzene
Concen: 47.091 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
111	44.8	36.8	55.2

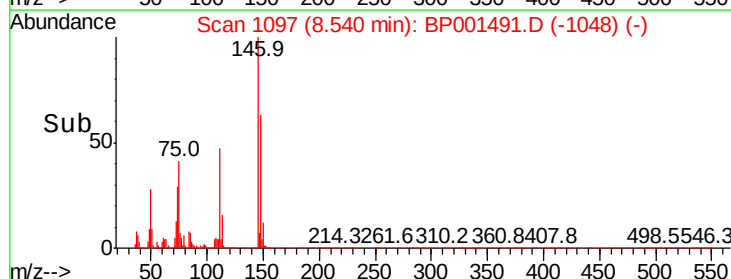
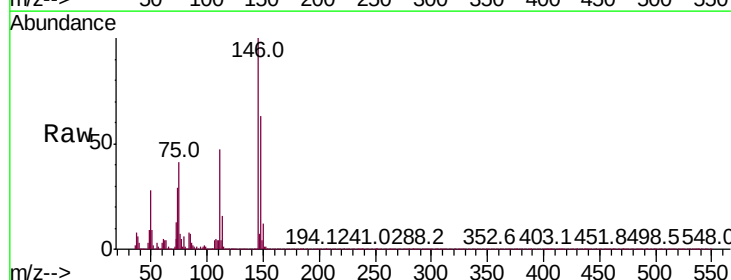
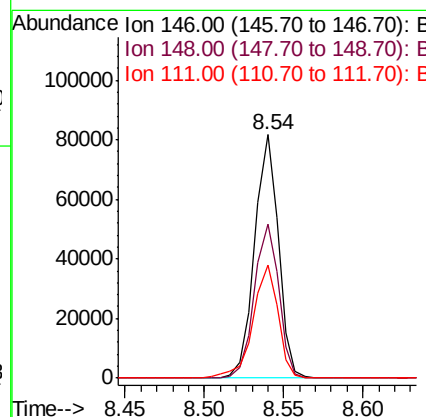
Manual Integrations
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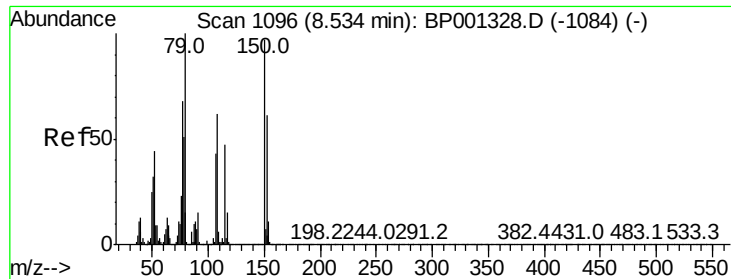
mohammad
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#14
1,2-Dichlorobenzene
Concen: 47.404 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	53.1	79.7
111	46.6	39.5	59.3





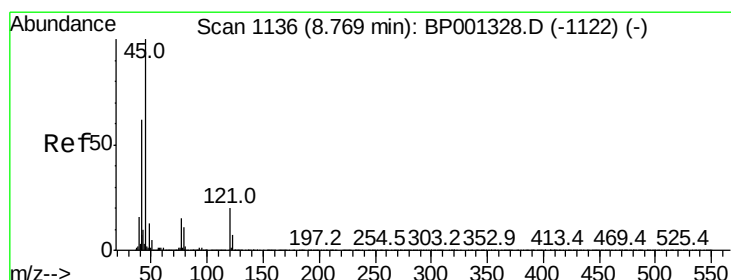
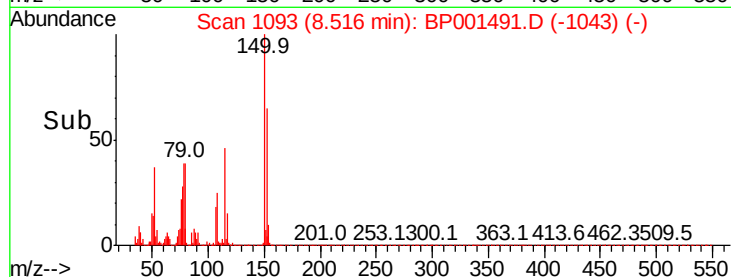
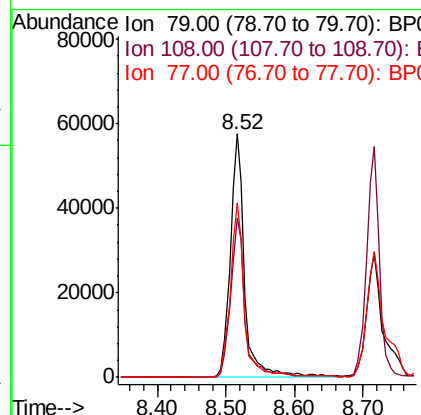
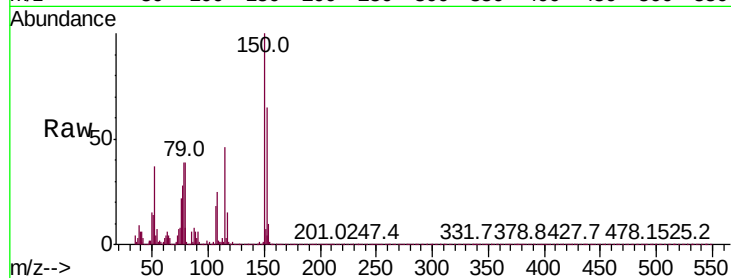
#15
Benzyl Alcohol
Concen: 46.758 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

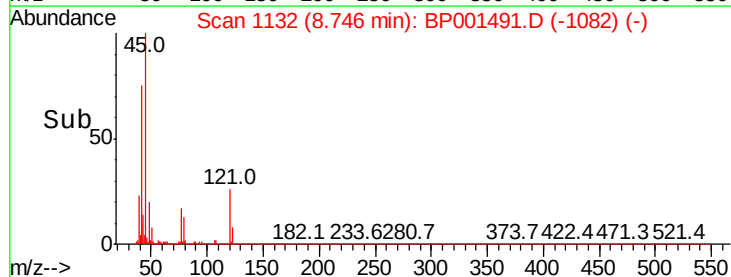
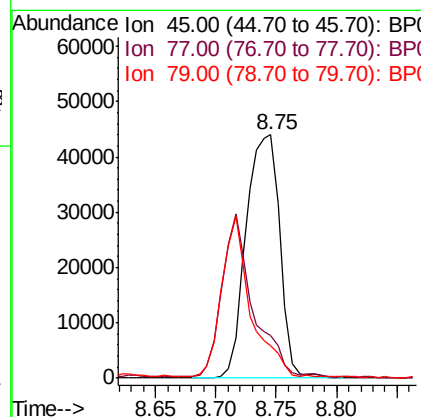
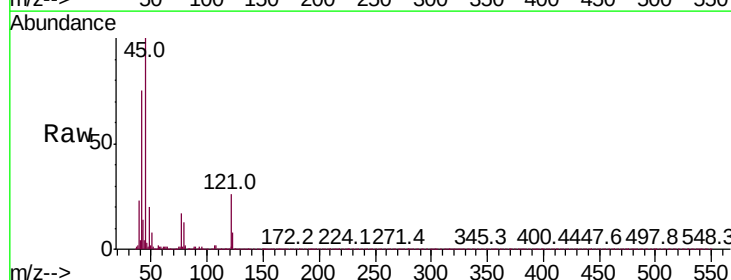
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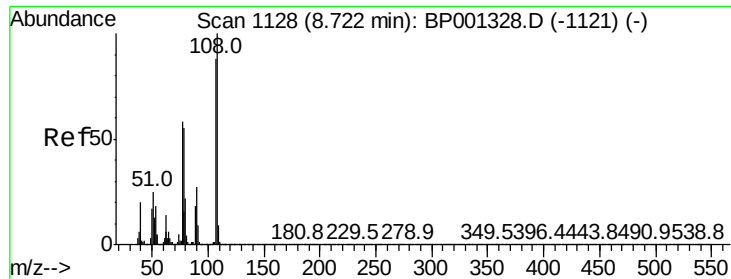
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.964 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





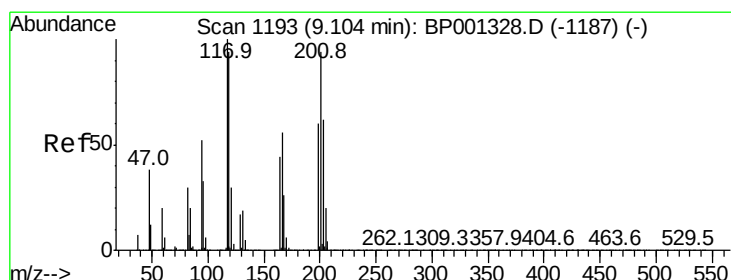
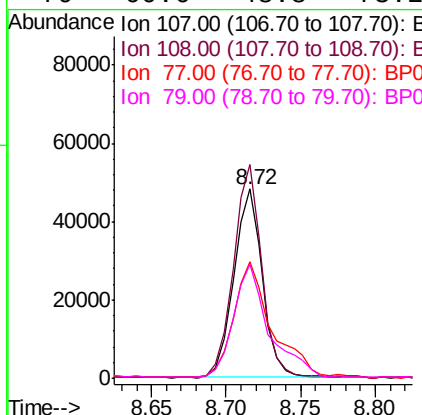
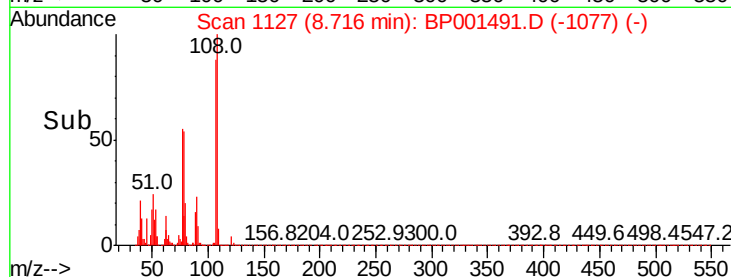
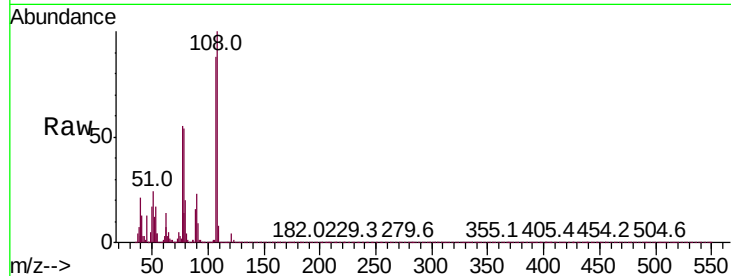
#17
2-Methylphenol
Concen: 48.986 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	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	

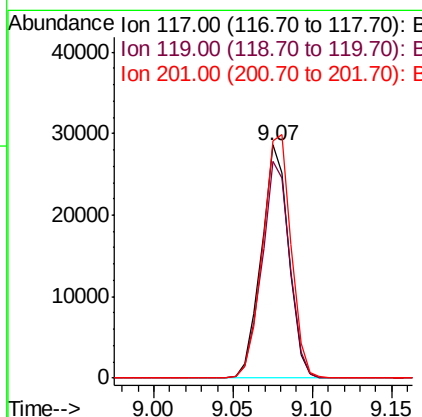
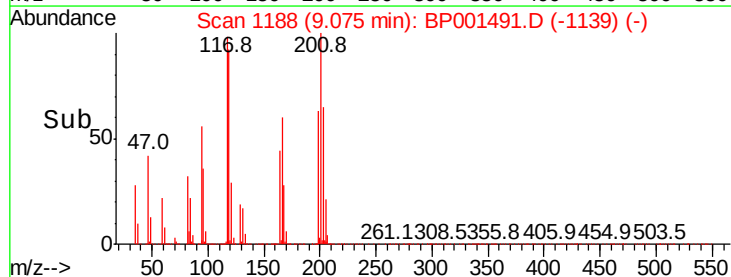
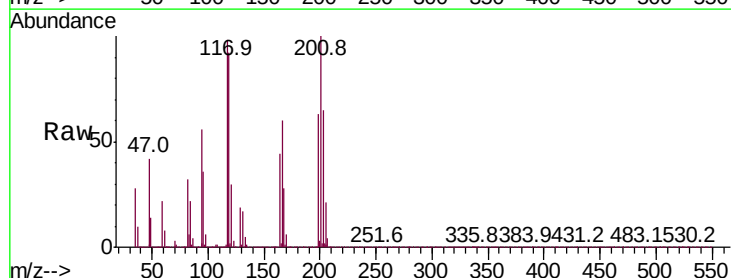
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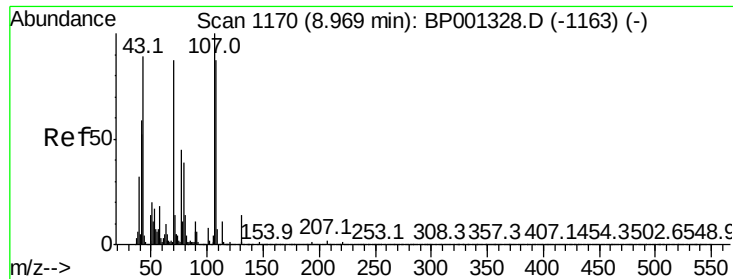
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#18
Hexachloroethane
Concen: 43.181 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





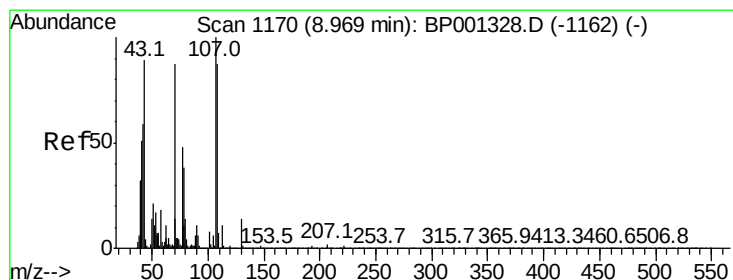
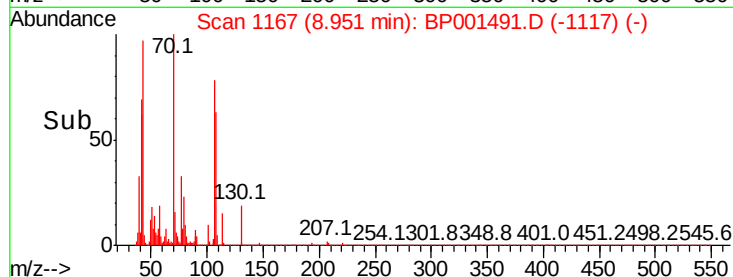
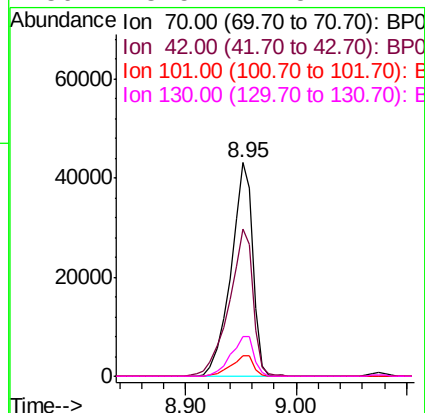
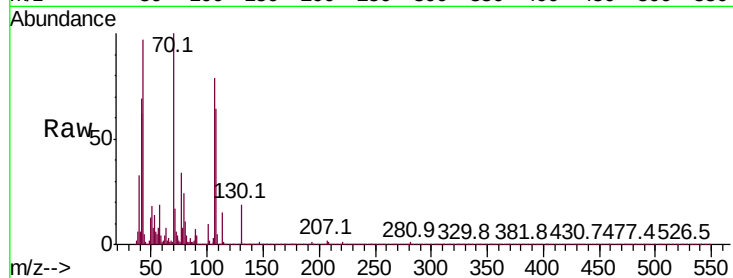
#19
n-Nitroso-di-n-propylamine
Concen: 43.733 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot 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

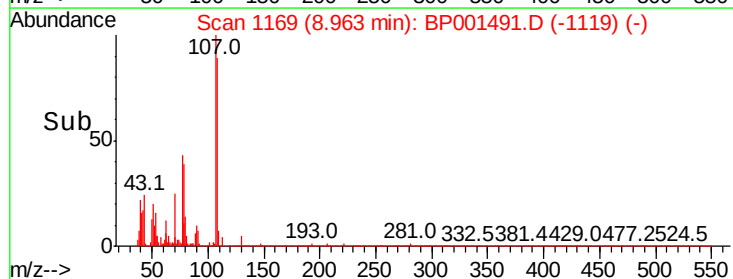
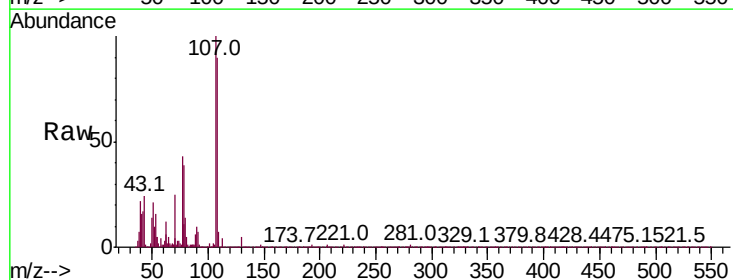
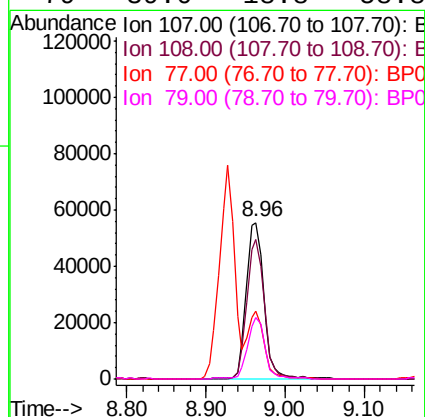
Manual Integrations
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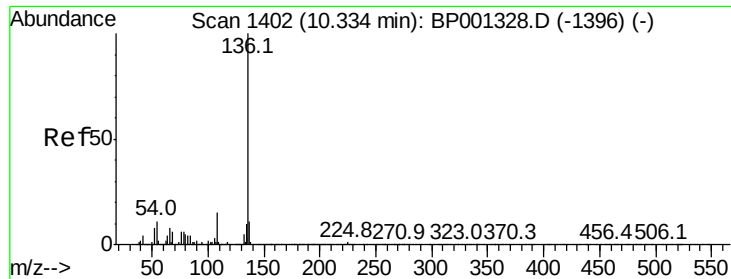
mohammad
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#20
3+4-Methylphenols
Concen: 49.705 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	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





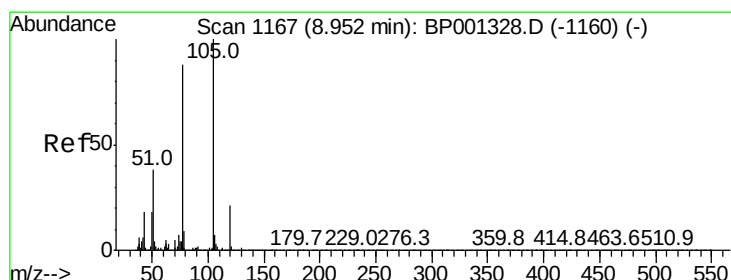
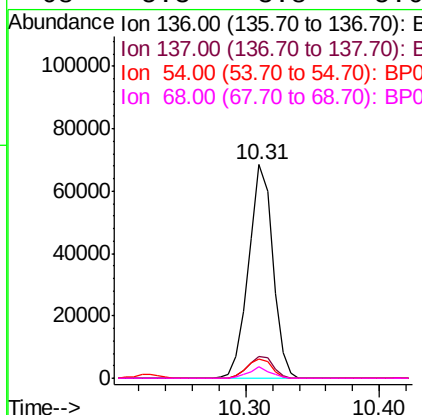
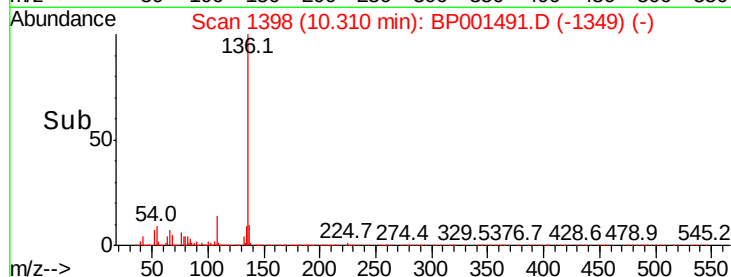
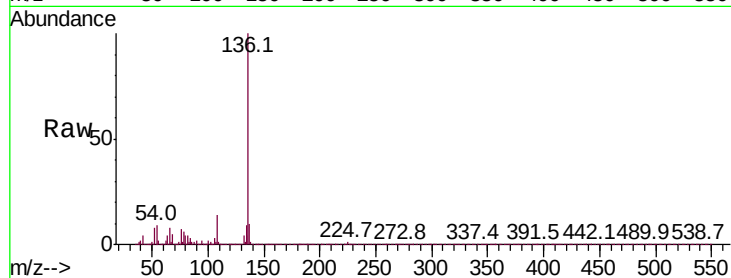
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	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	

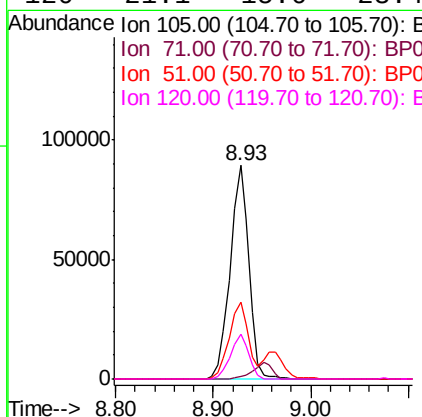
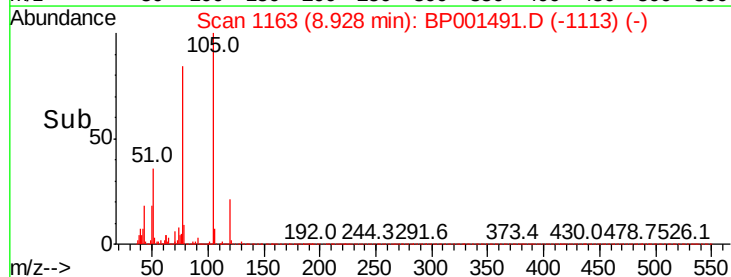
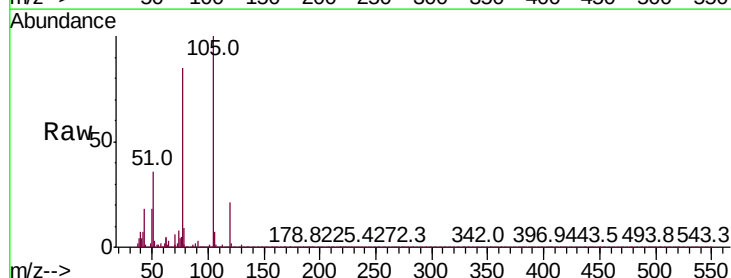
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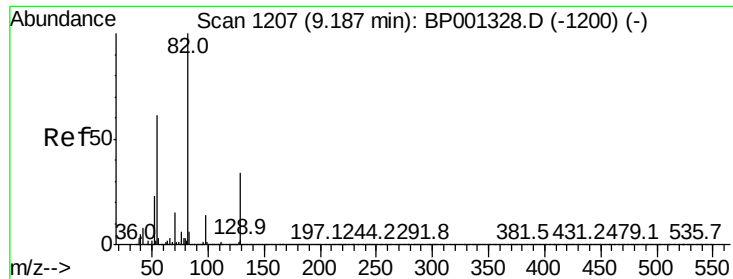
mohammad
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#22
Acetophenone
Concen: 44.011 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Resp	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	





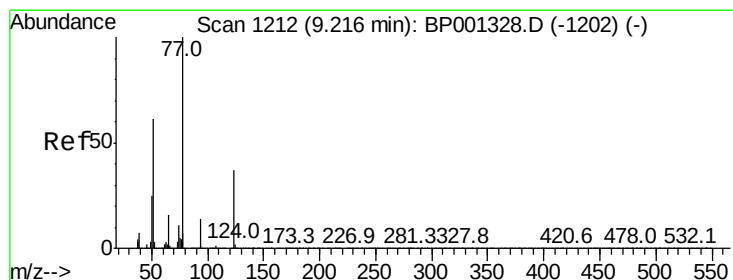
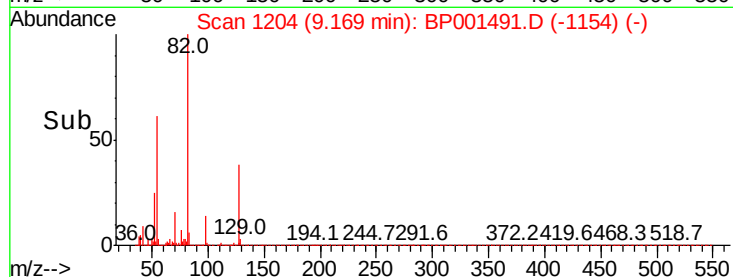
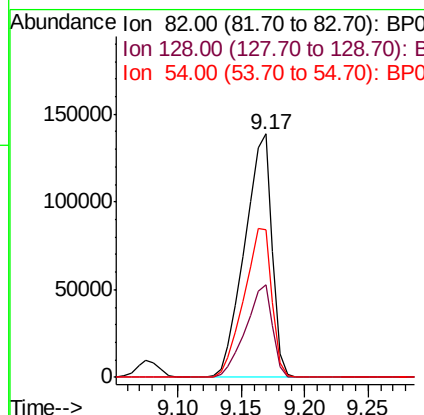
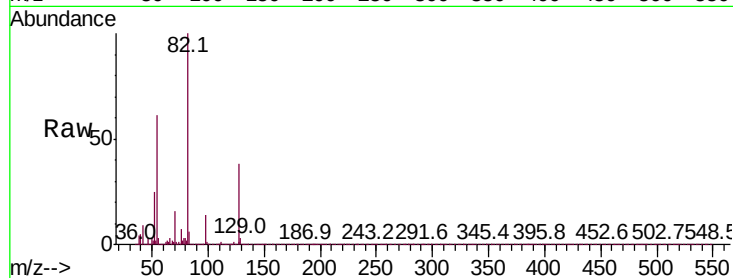
#23
Nitrobenzene-d5
Concen: 94.242 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

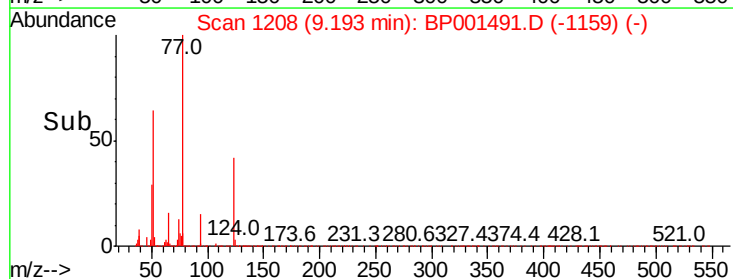
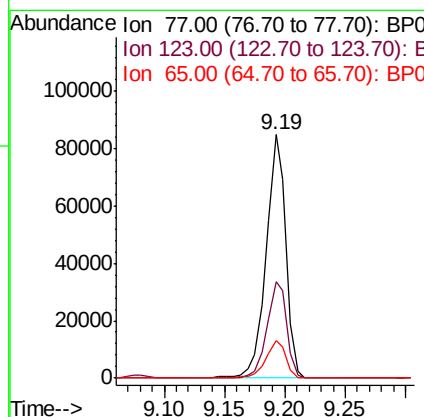
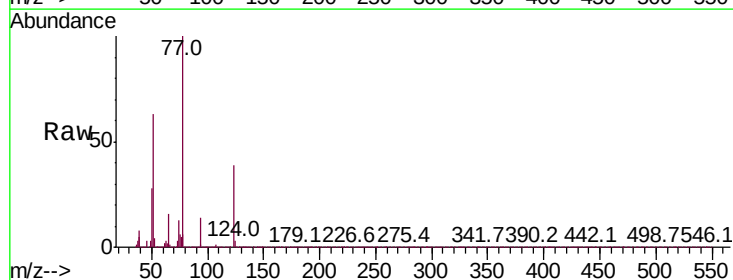
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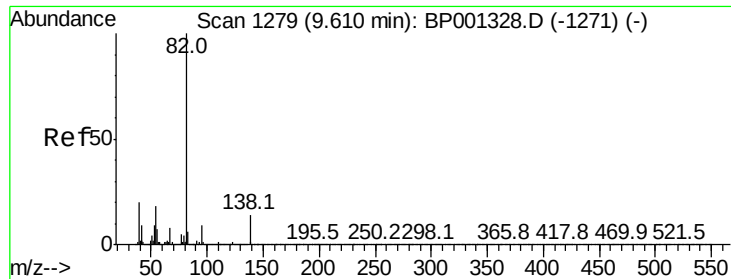
mohammad
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#24
Nitrobenzene
Concen: 43.715 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





#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

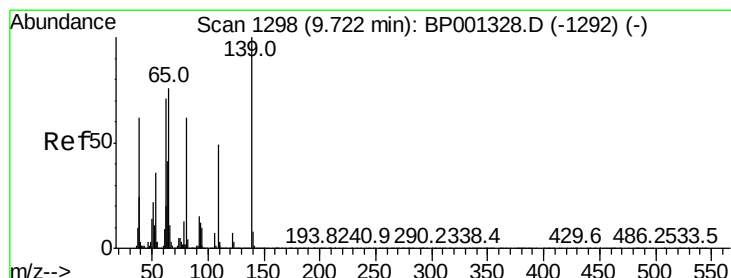
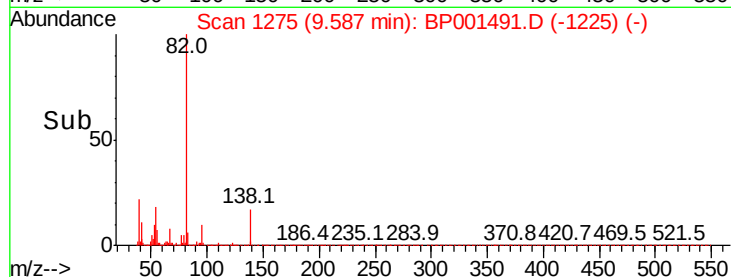
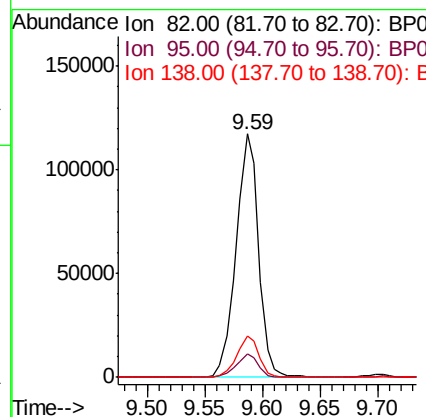
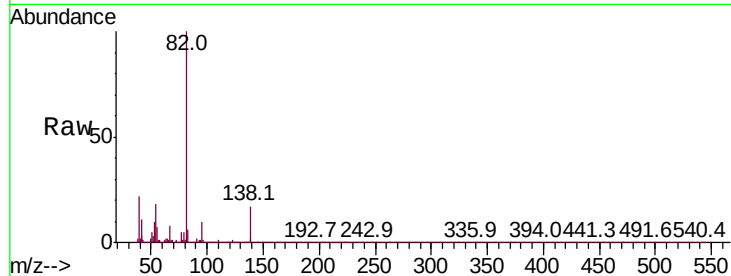
ClientSampleId :

SB-2-(4-5)MSD

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

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.305 ng

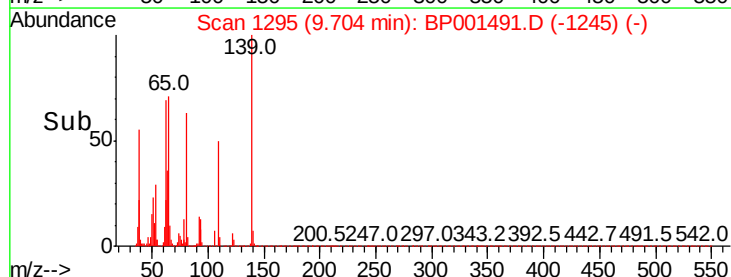
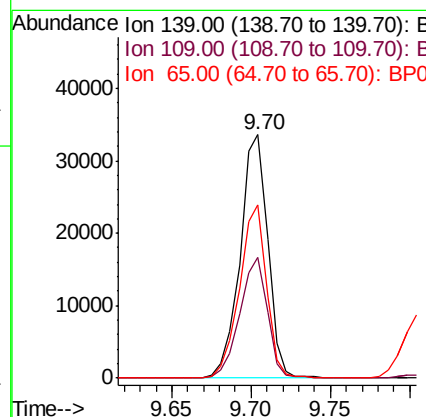
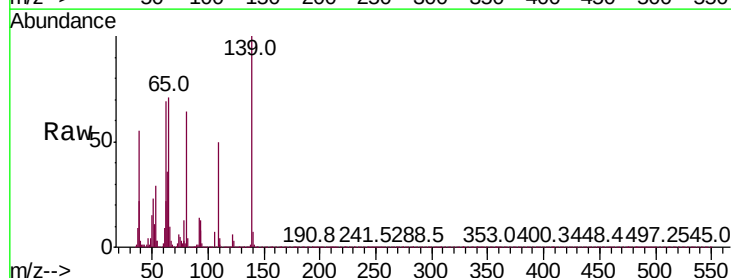
RT: 9.70 min Scan# 1295

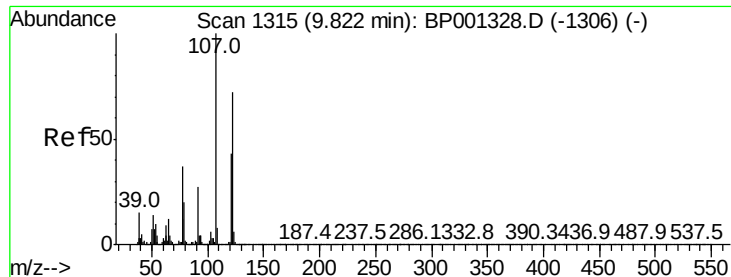
Delta R.T. -0.01 min

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





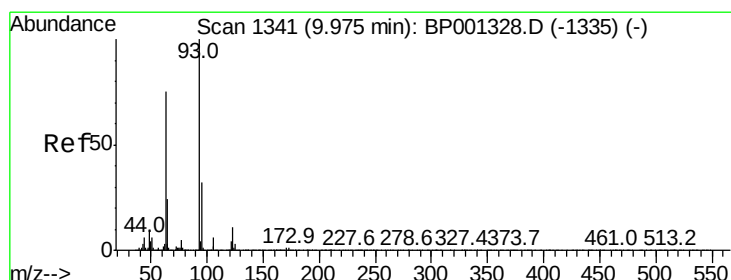
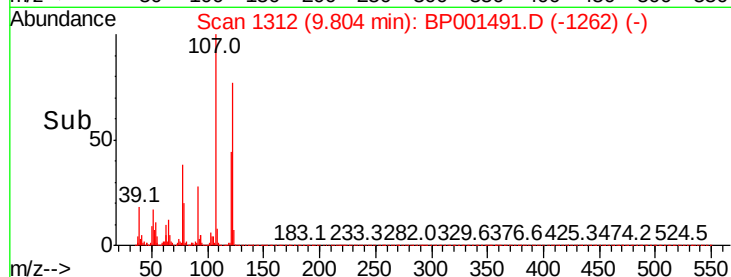
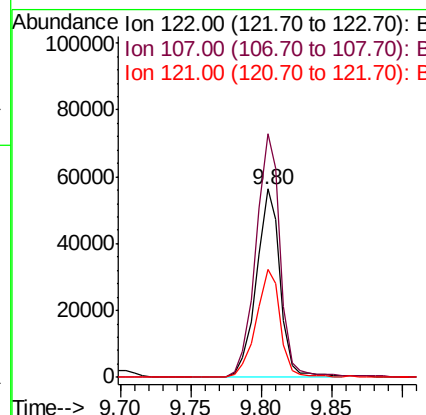
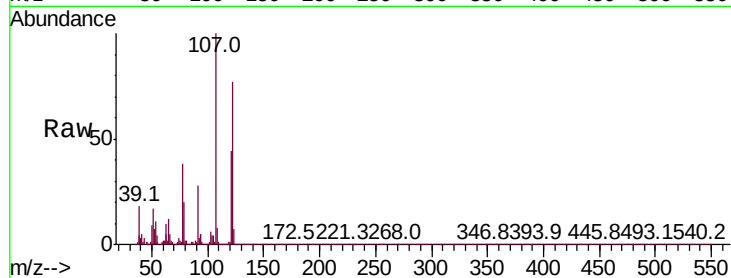
#27
2,4-Dimethylphenol
Concen: 58.718 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

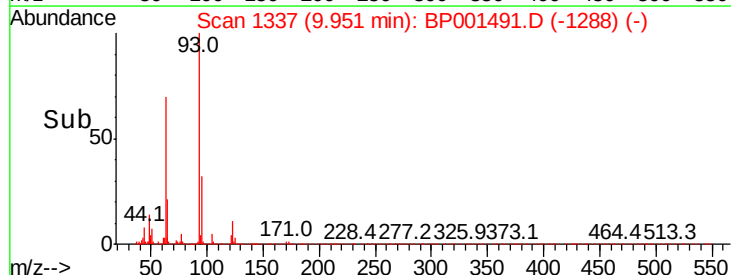
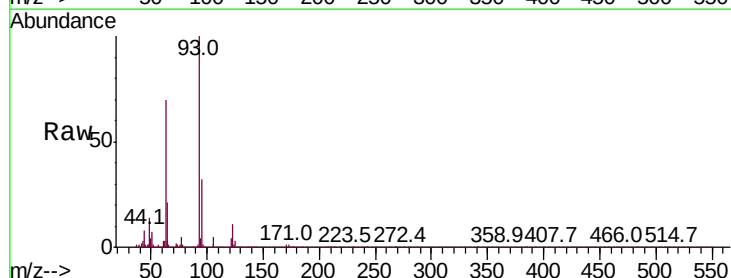
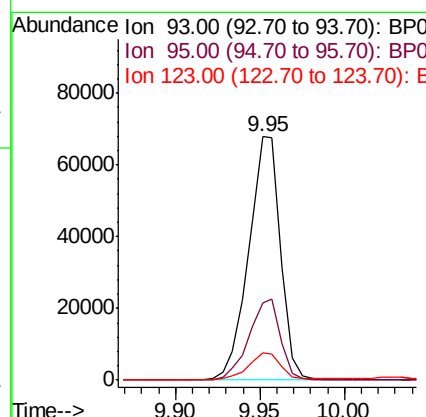
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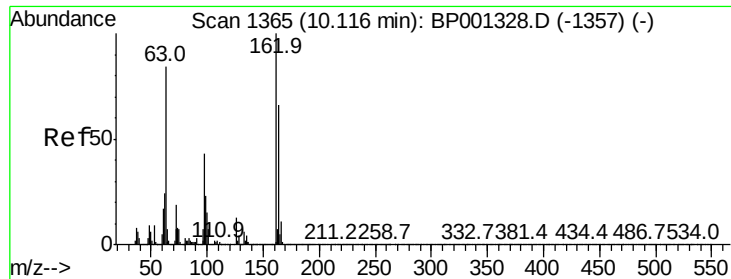
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#28
bis(2-Chloroethoxy)methane
Concen: 41.887 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





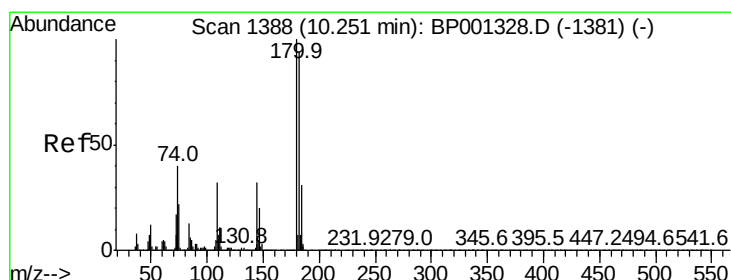
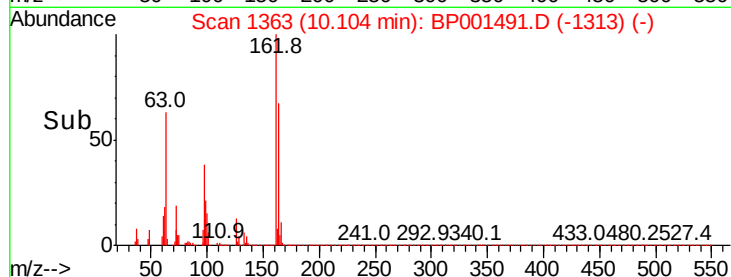
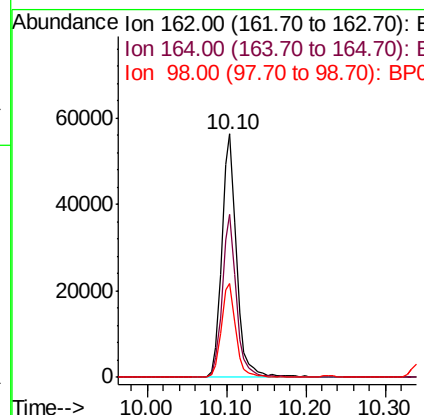
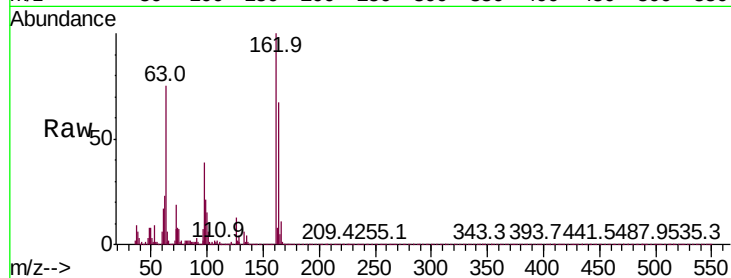
#29
2,4-Dichlorophenol
Concen: 51.428 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

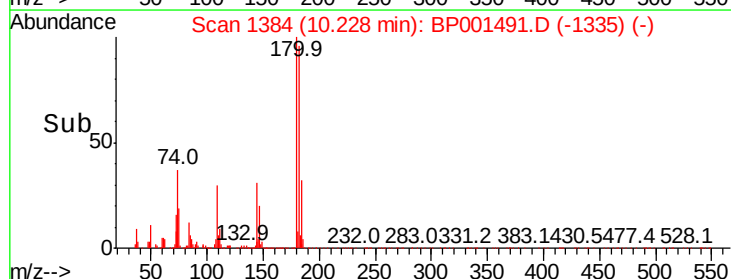
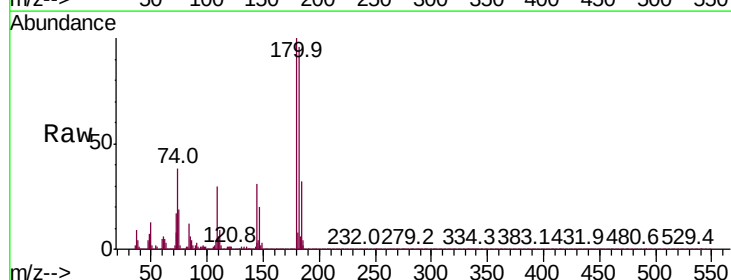
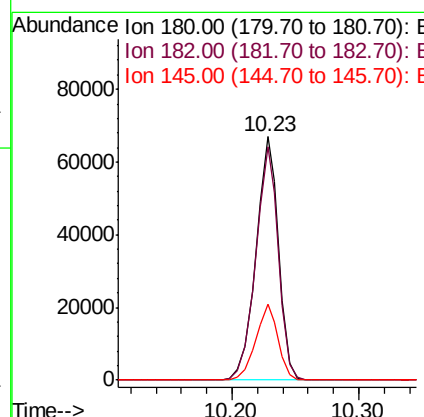
Manual Integrations
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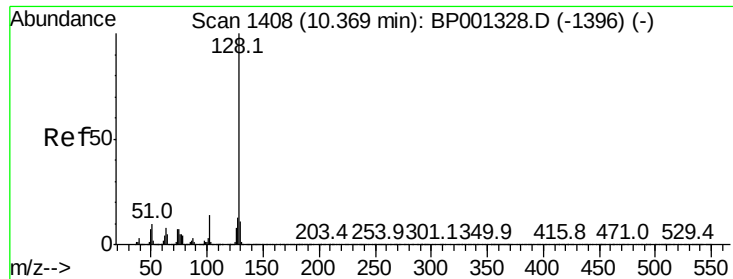
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#30
1,2,4-Trichlorobenzene
Concen: 47.797 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





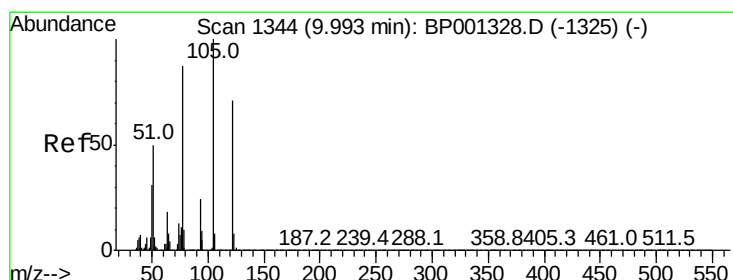
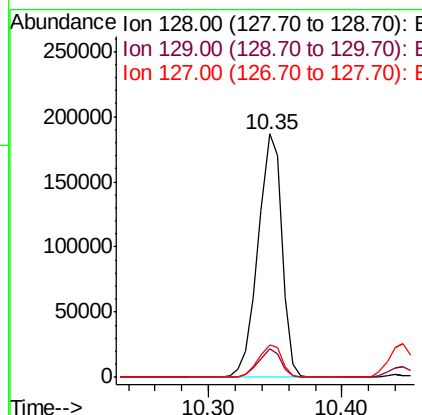
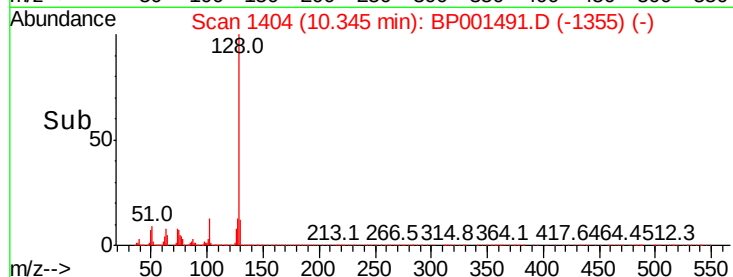
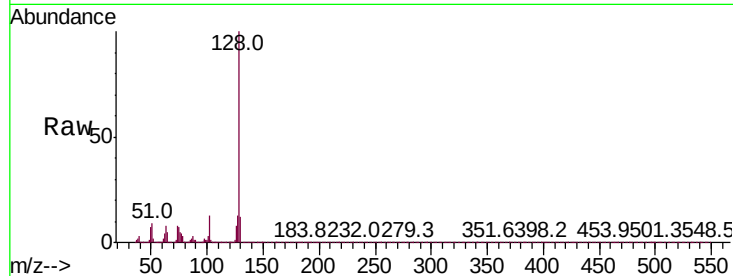
#31
Naphthalene
Concen: 49.186 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	228144		
129	11.6	8.6	12.8	
127	13.3	11.0	16.6	

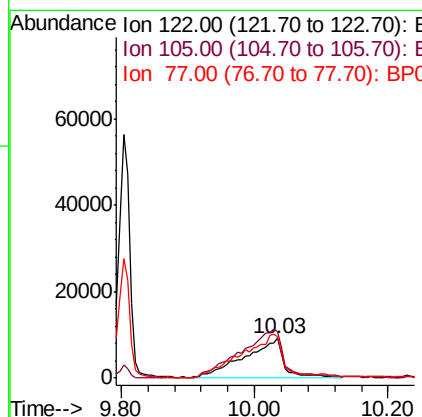
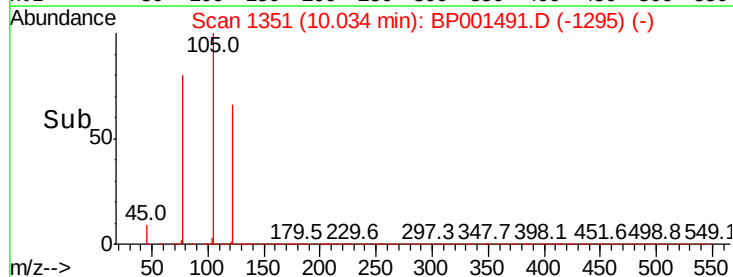
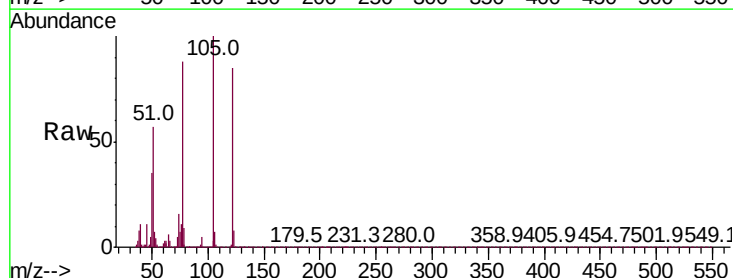
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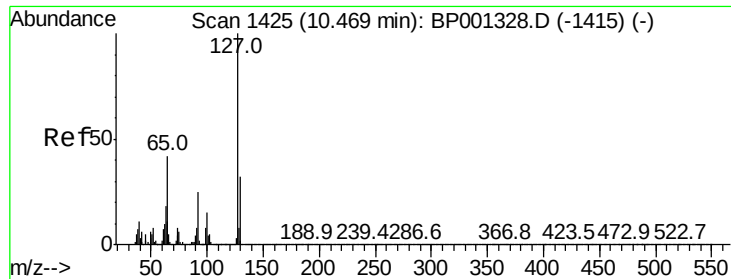
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#32
Benzoic acid
Concen: 40.465 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.03 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	36556		
105	117.2	117.8	157.8#	
77	102.8	85.6	125.6	





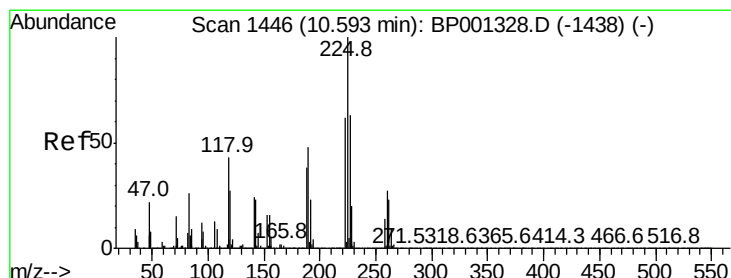
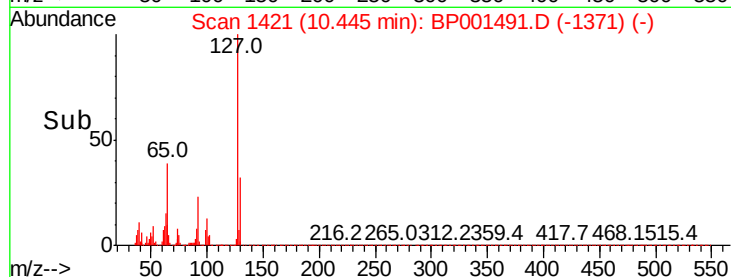
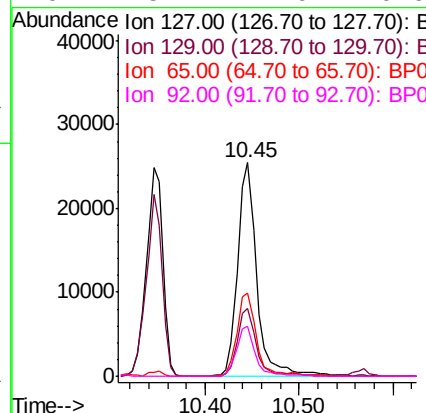
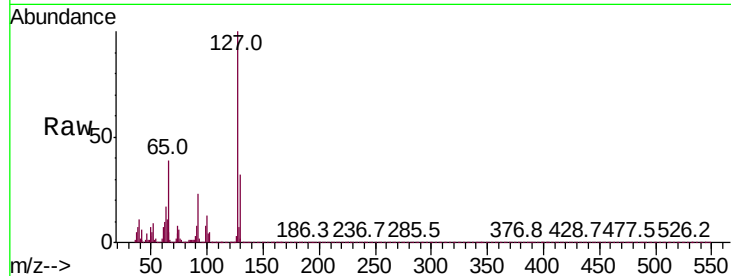
#33
4-Chloroaniline
Concen: 18.825 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot 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

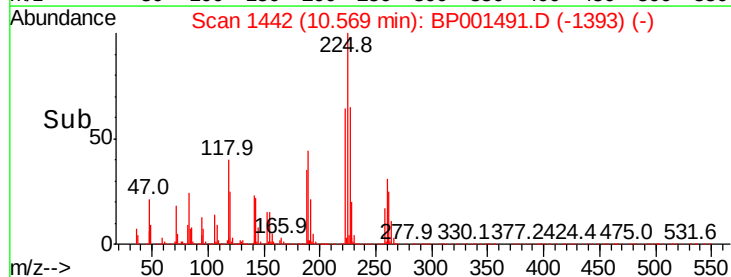
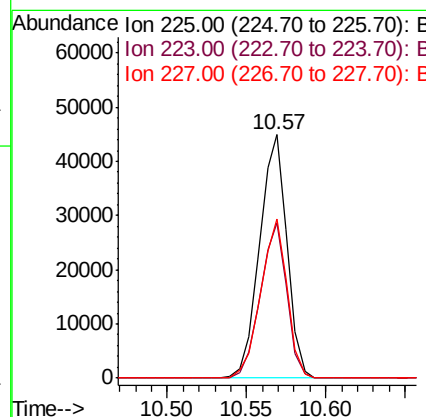
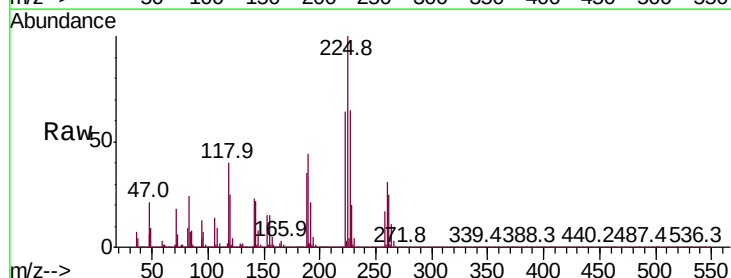
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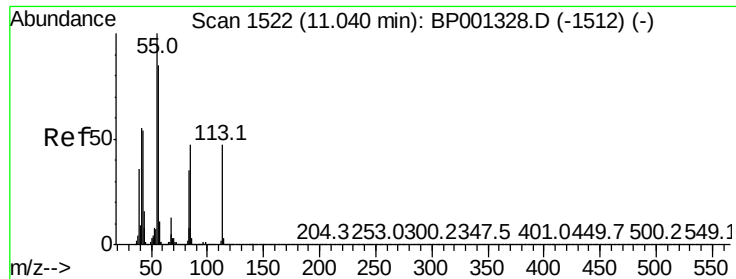
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#34
Hexachlorobutadiene
Concen: 44.443 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





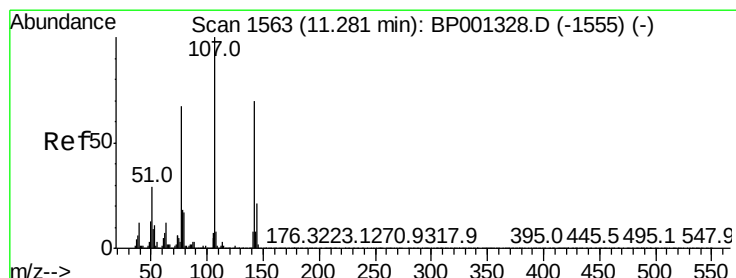
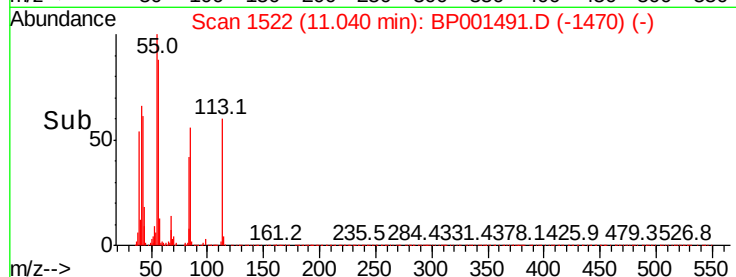
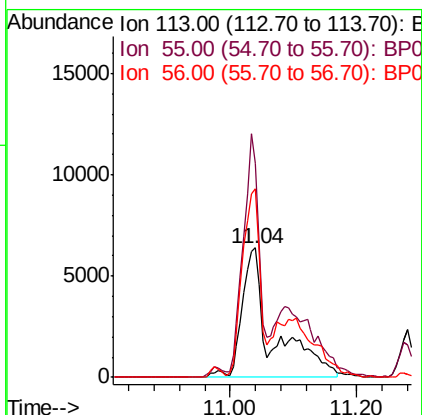
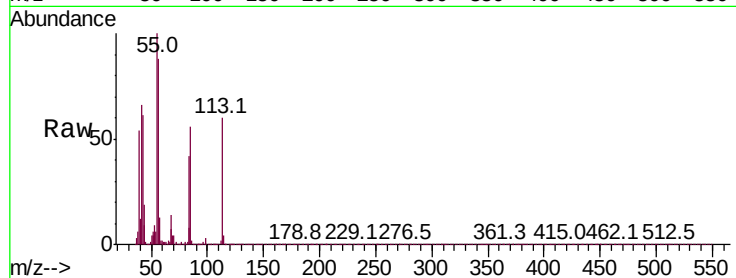
#35
Caprolactam
Concen: 50.131 ng/ml
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

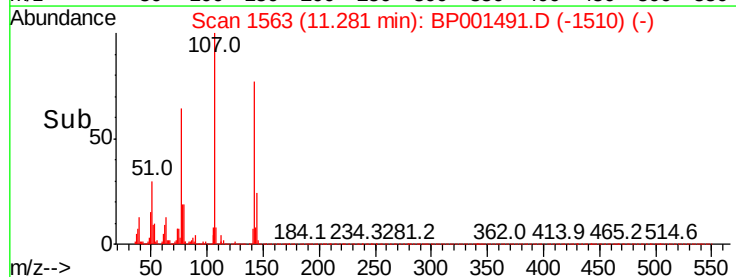
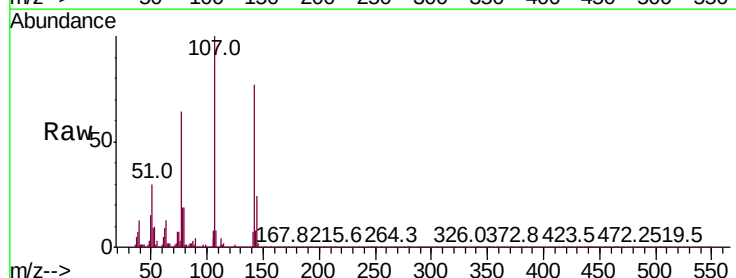
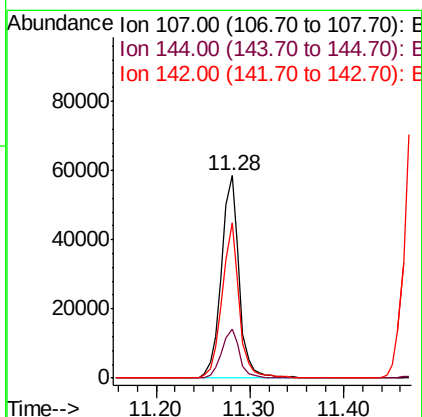
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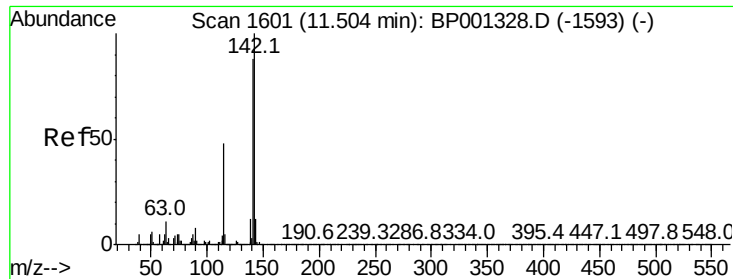
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#36
4-Chloro-3-methylphenol
Concen: 47.104 ng/ml
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





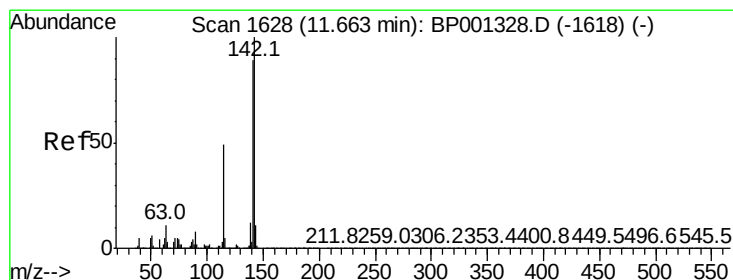
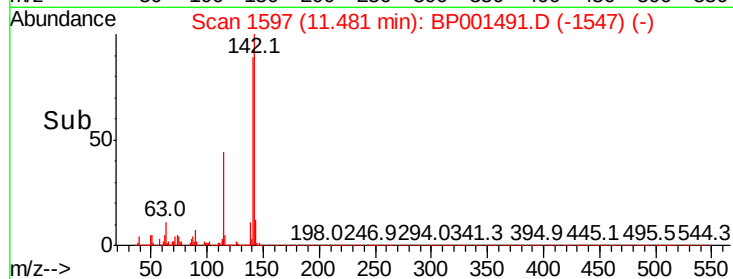
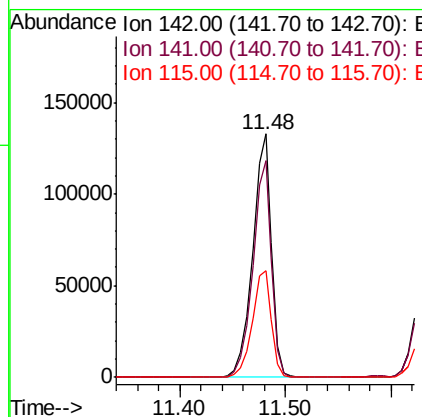
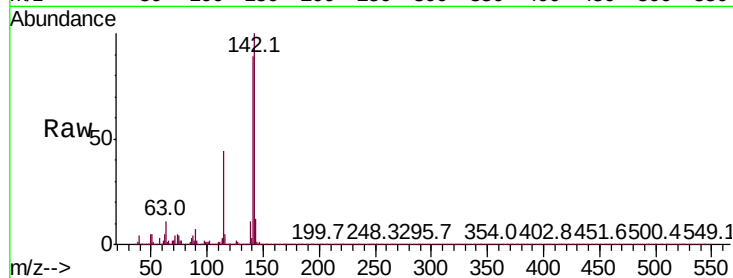
#37
2-Methylnaphthalene
Concen: 51.424 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	164671		
141	88.9	70.2	105.2	
115	43.9	37.0	55.4	

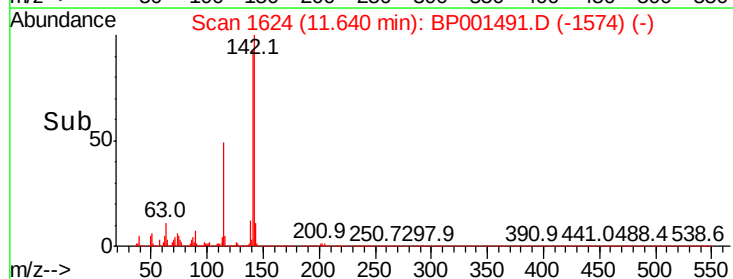
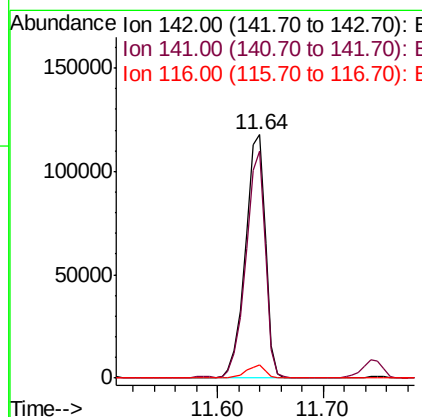
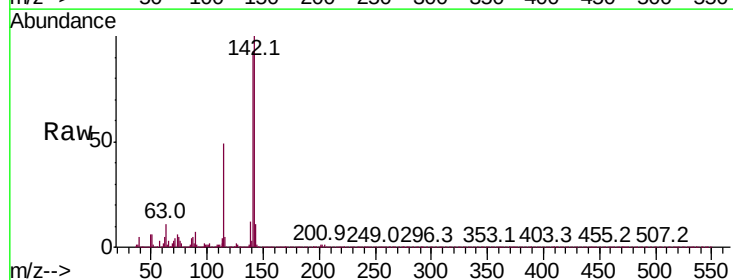
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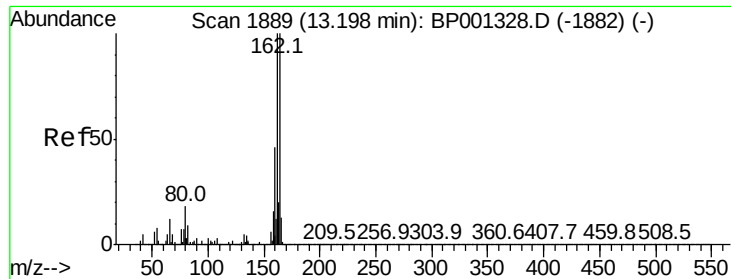
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#38
1-Methylnaphthalene
Concen: 51.148 ng
RT: 11.64 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	153984		
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

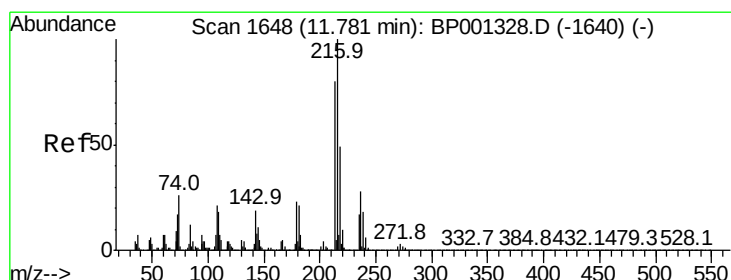
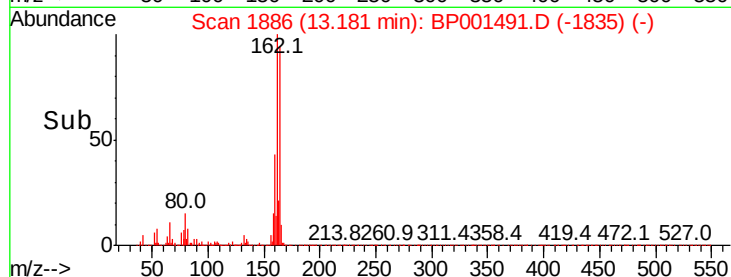
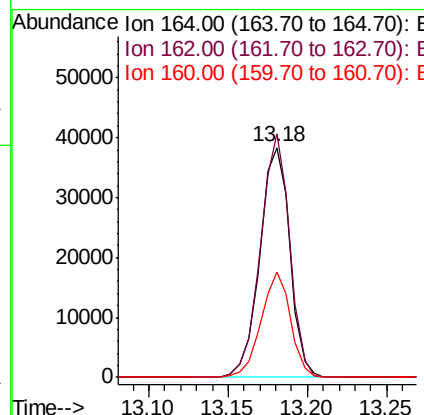
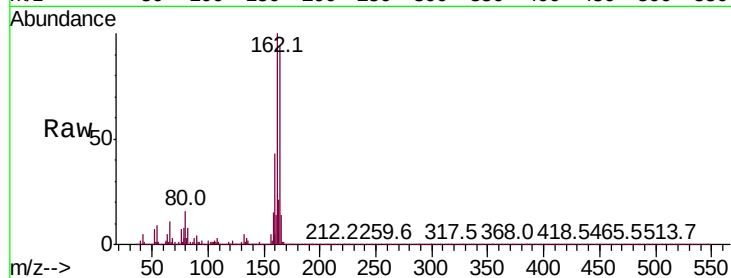
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.316 ng

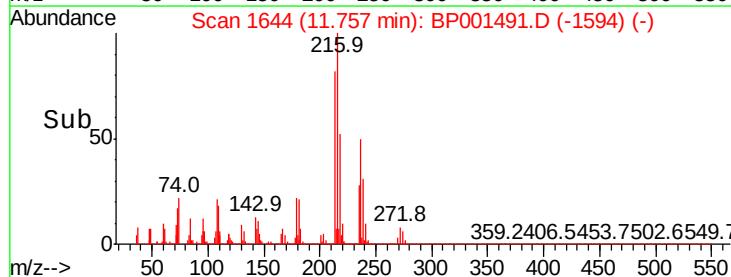
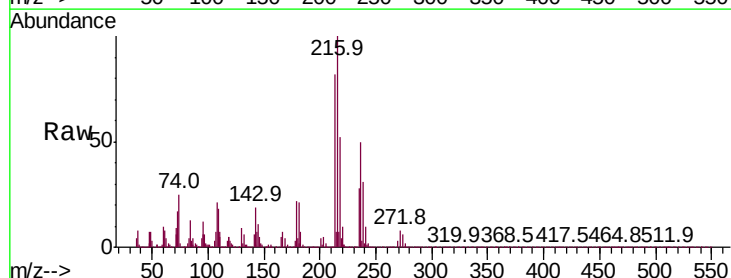
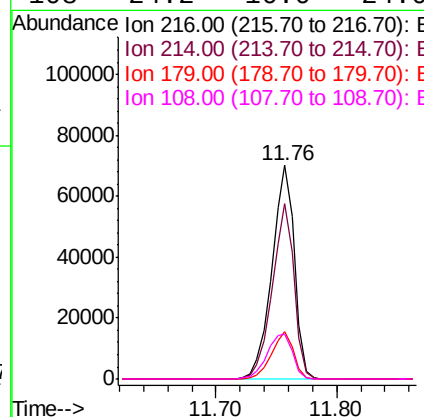
RT: 11.76 min Scan# 1644

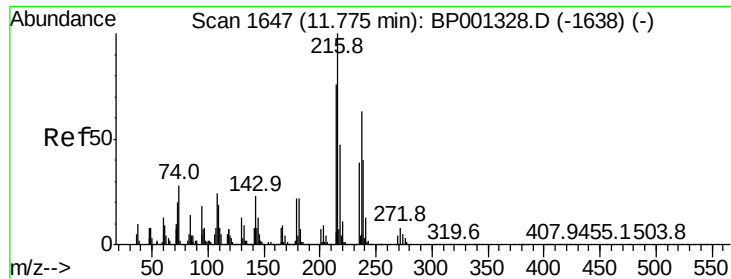
Delta R.T. -0.01 min

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#





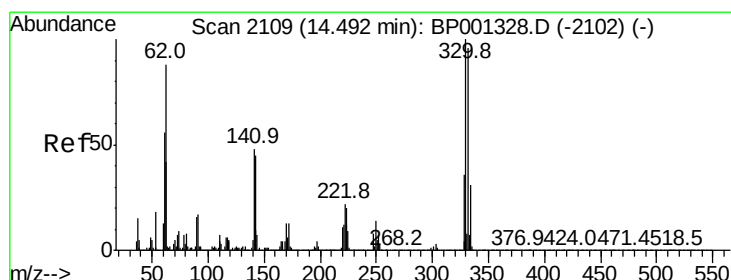
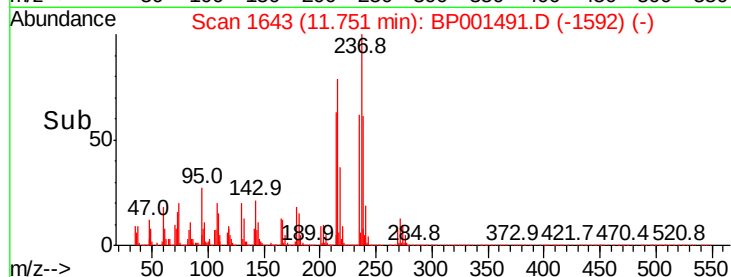
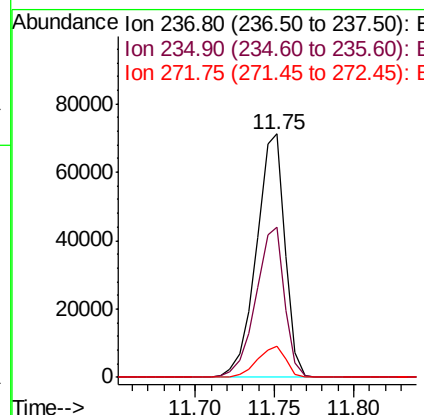
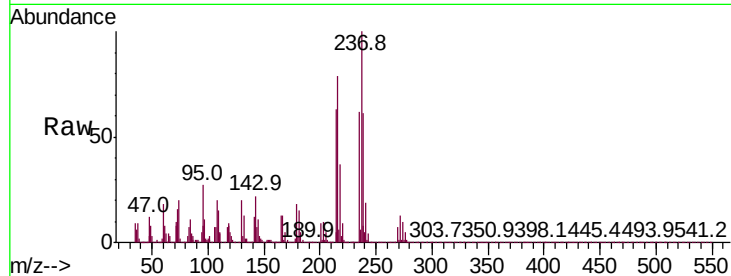
#41
Hexachlorocyclopentadiene
Concen: 96.007 ng
RT: 11.75 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

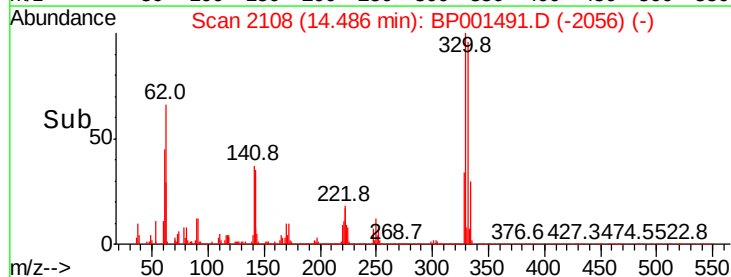
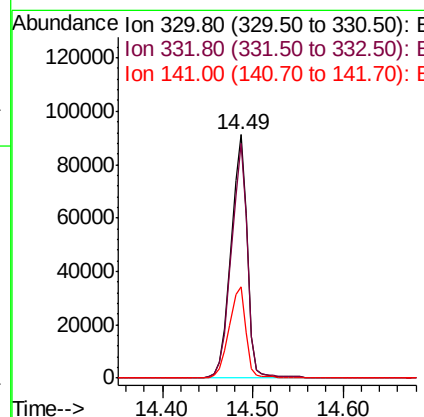
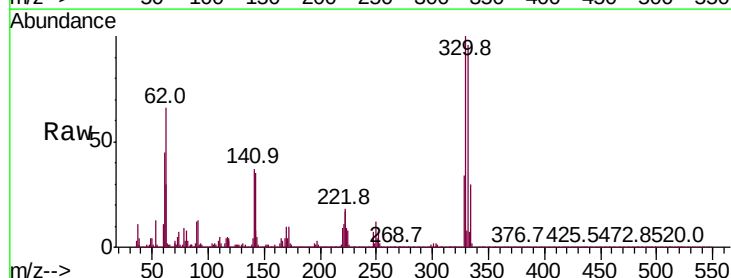
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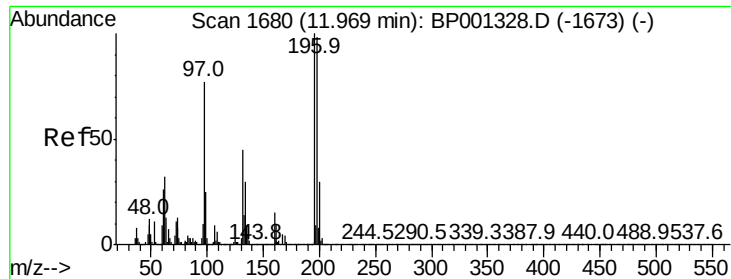
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#42
2,4,6-Tribromophenol
Concen: 178.990 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





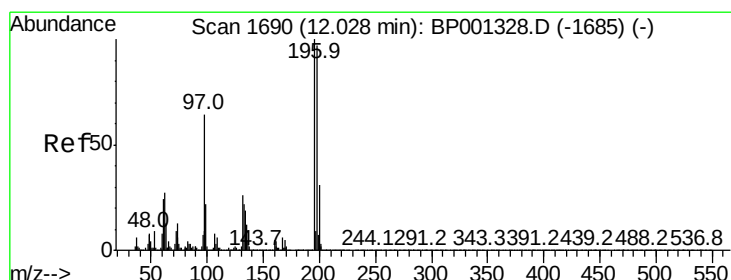
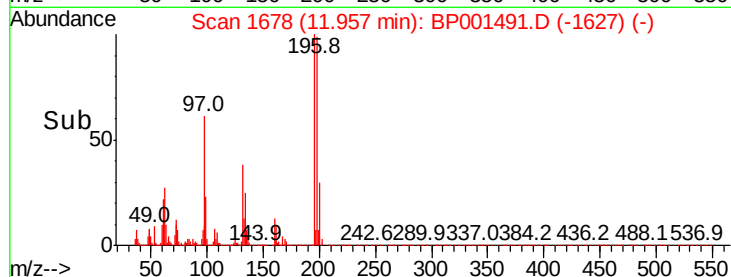
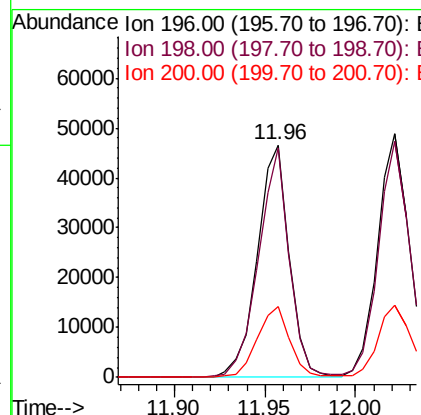
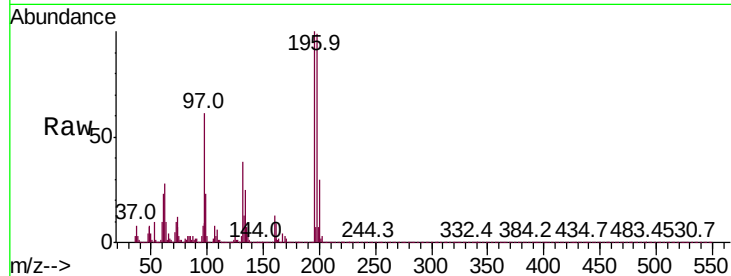
#43
 2,4,6-Trichlorophenol
 Concen: 49.419 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BP001491.D
 Acq: 28 Dec 2019 23:01

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)MSD

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

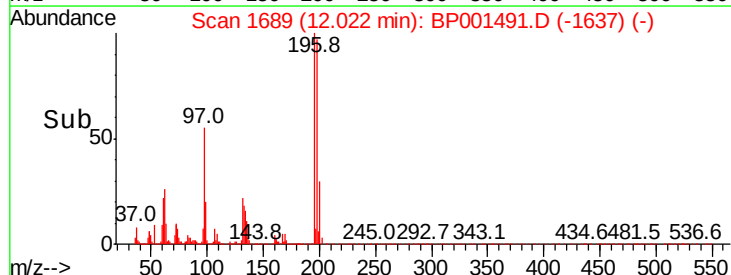
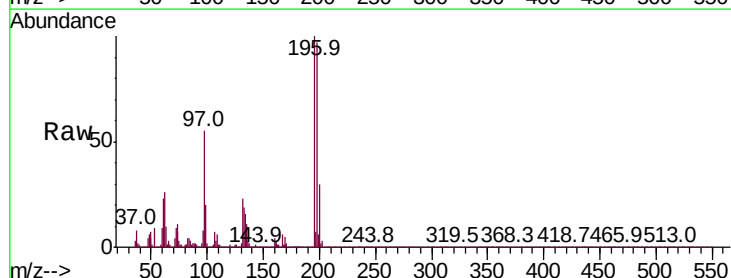
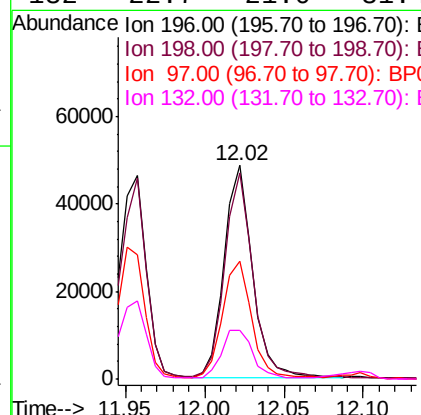
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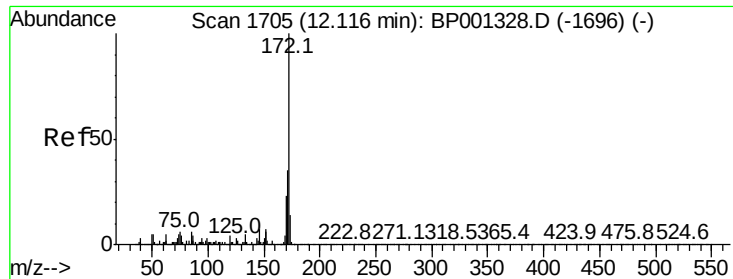
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#44
 2,4,5-Trichlorophenol
 Concen: 51.165 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BP001491.D
 Acq: 28 Dec 2019 23:01

Tgt Ion	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





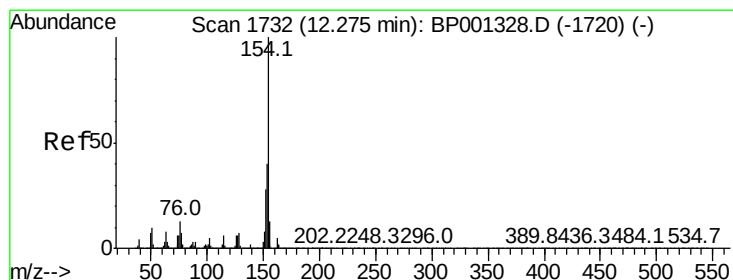
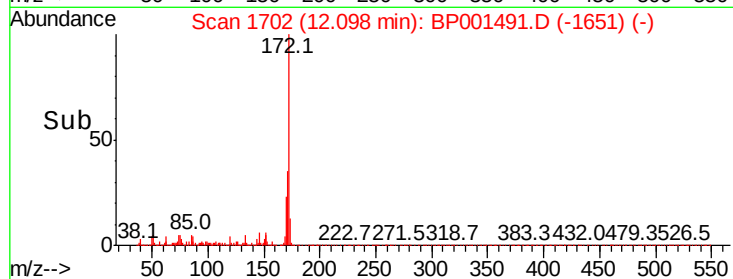
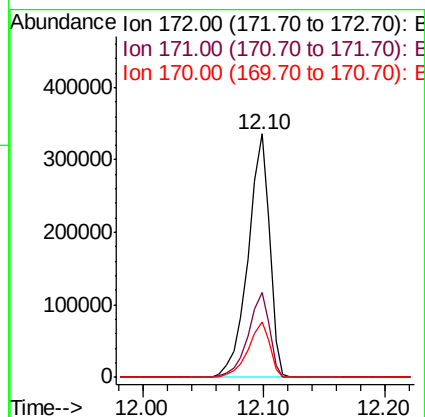
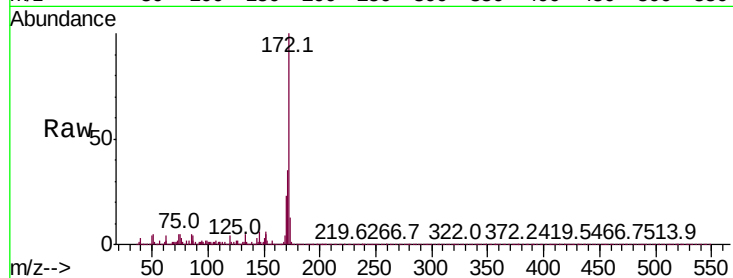
#45
2-Fluorobiphenyl
Concen: 104.105 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

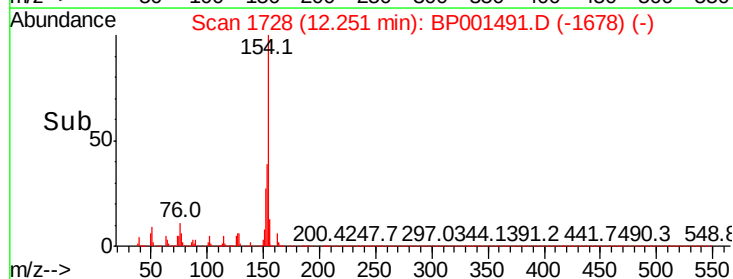
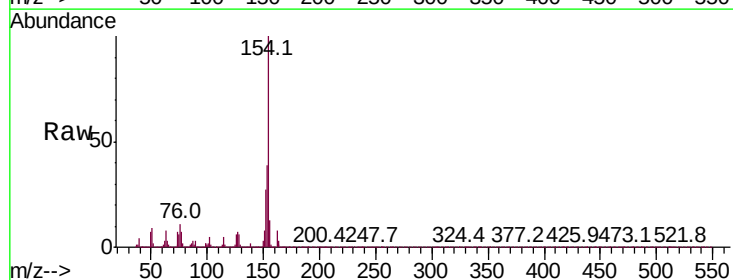
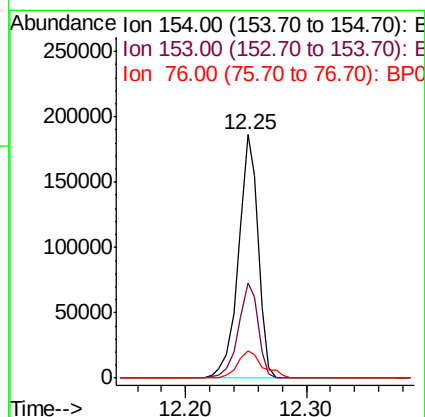
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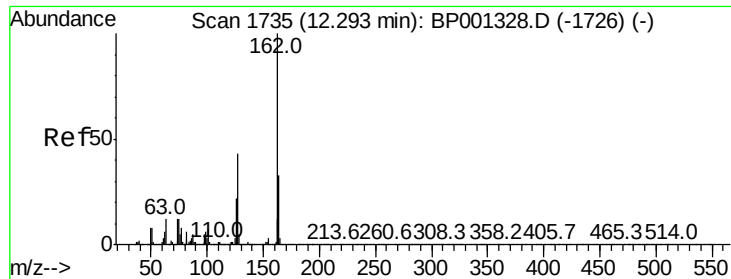
mohammad
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#46
1,1'-Biphenyl
Concen: 49.602 ng
RT: 12.25 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





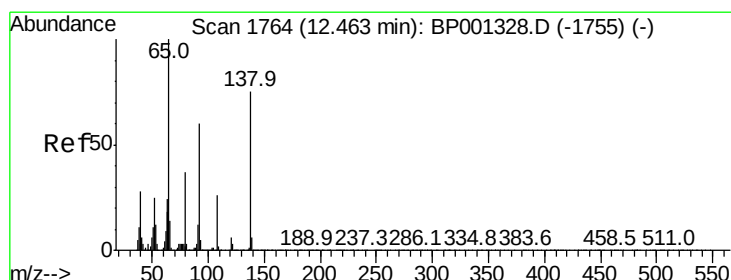
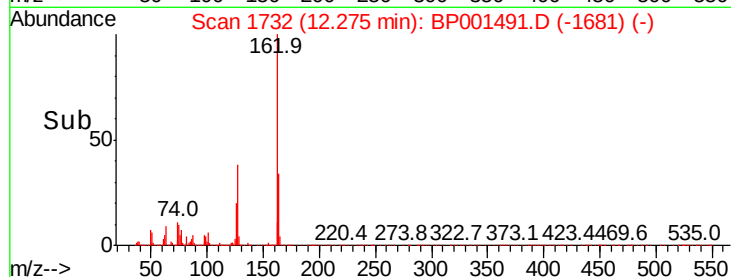
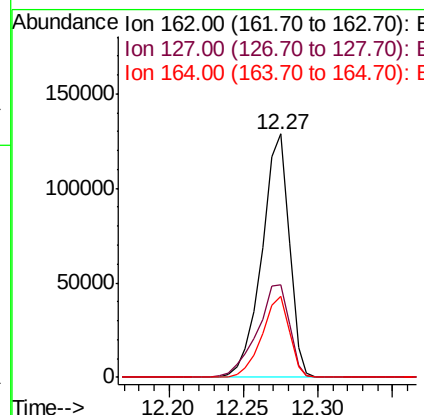
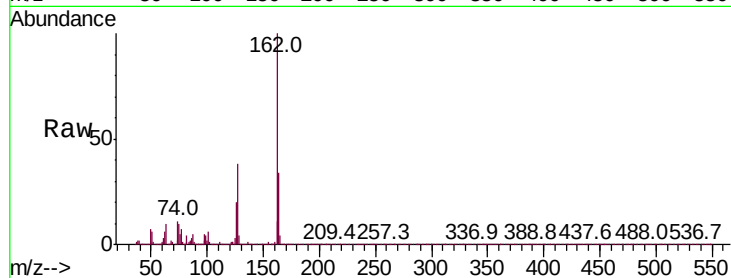
#47
2-Chloronaphthalene
Concen: 47.429 ng
RT: 12.27 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	163037		
127	38.3	33.4	50.2	
164	33.5	26.0	39.0	

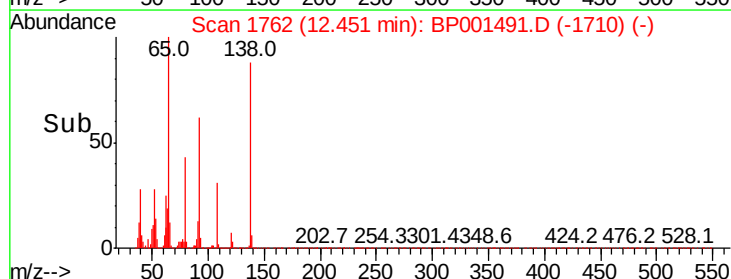
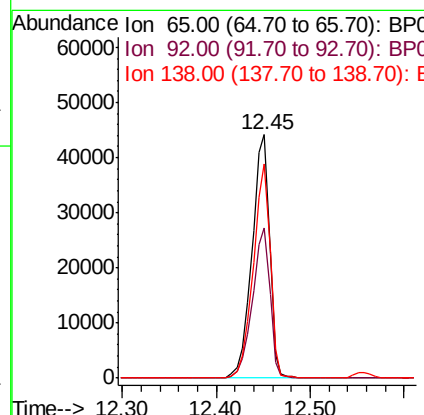
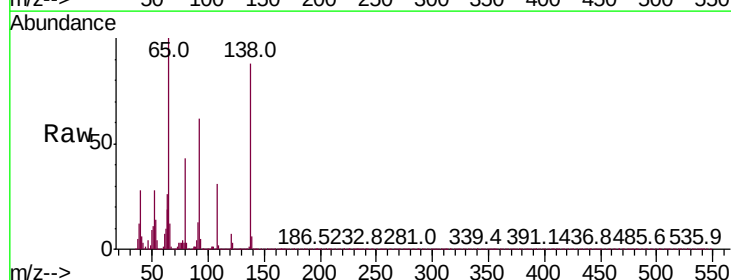
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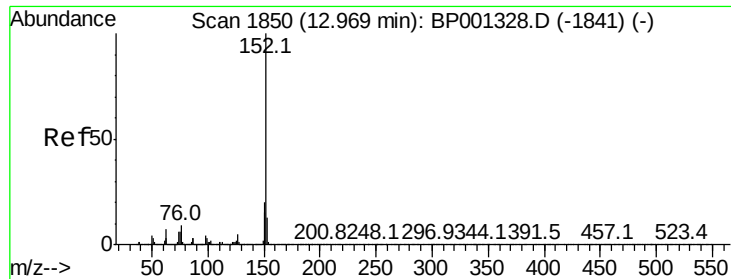
mohammad
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#48
2-Nitroaniline
Concen: 41.623 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	57293		
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

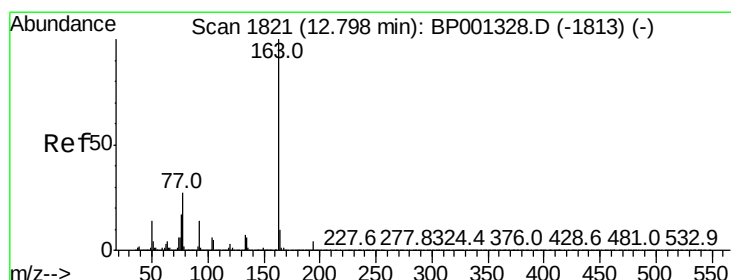
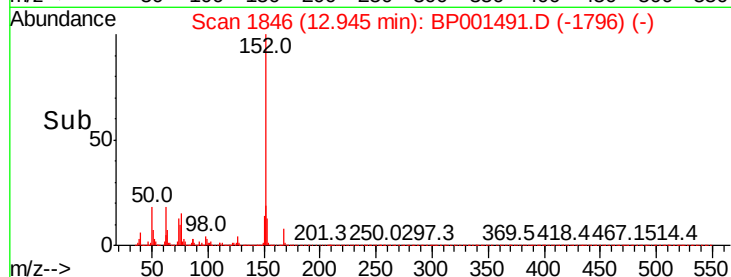
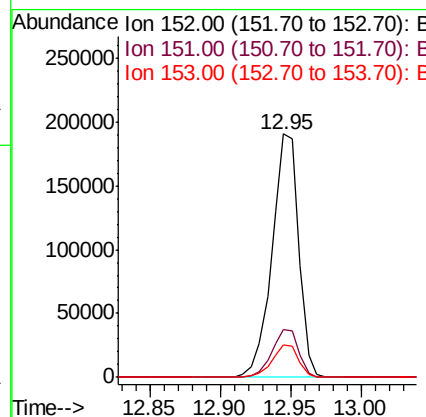
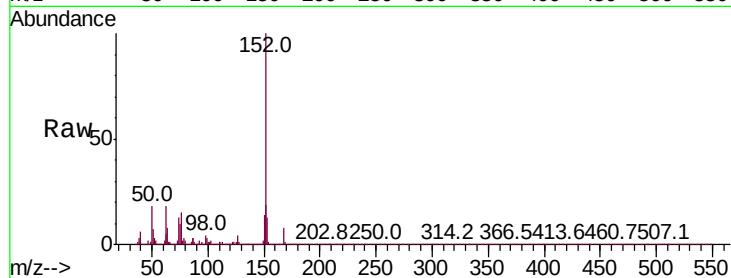
ClientSampleId :

SB-2-(4-5)MSD

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

Manual Integrations
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#50

Dimethylphthalate

Concen: 57.142 ng

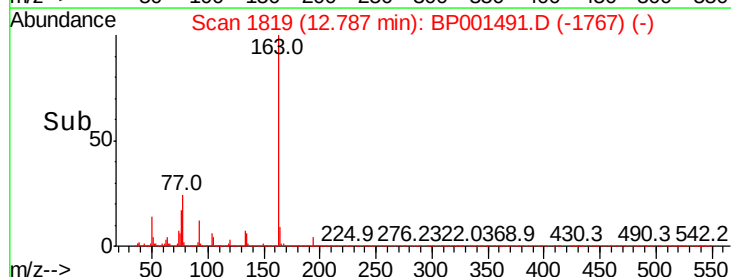
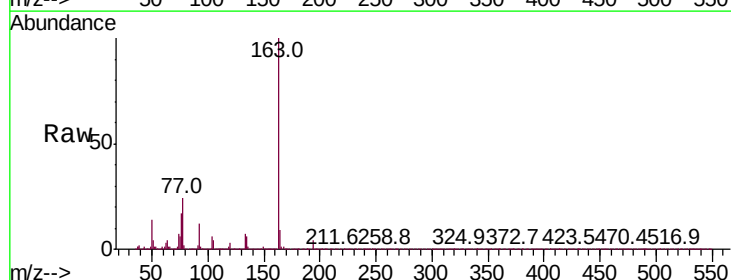
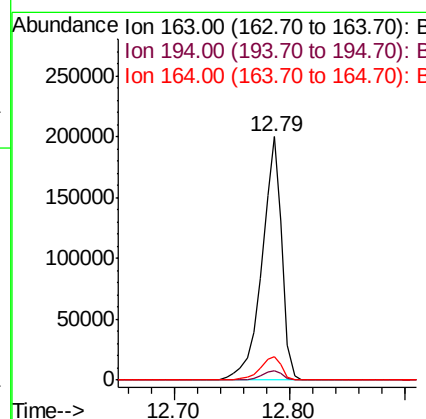
RT: 12.79 min Scan# 1819

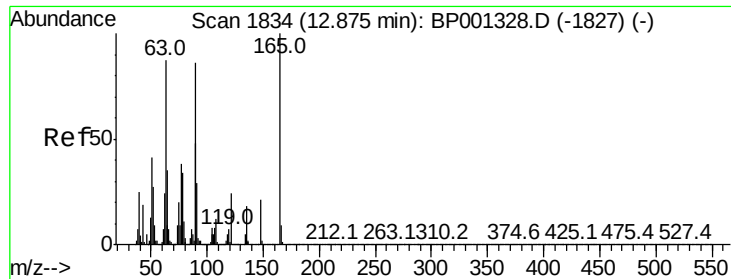
Delta R.T. 0.01 min

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





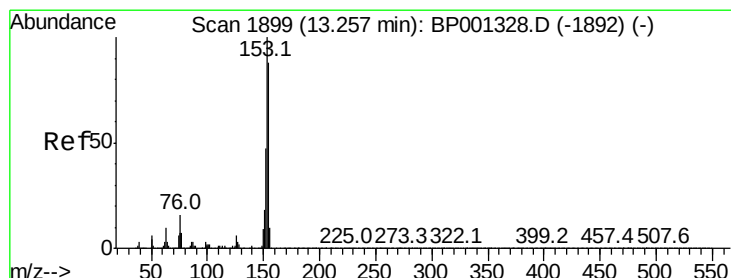
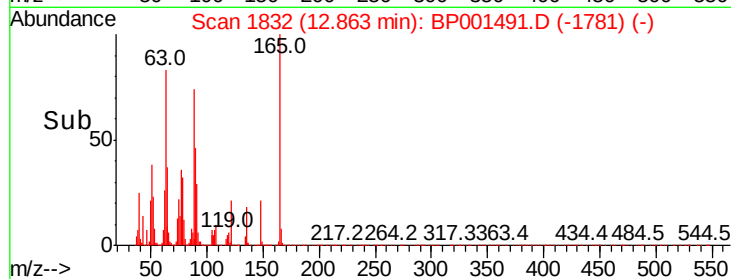
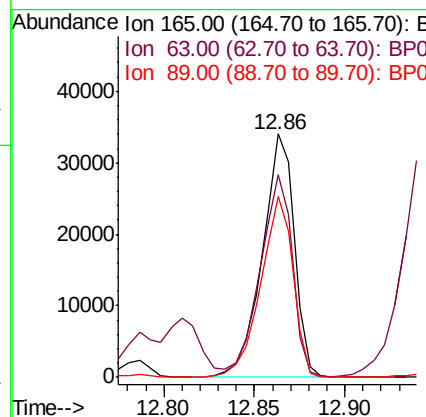
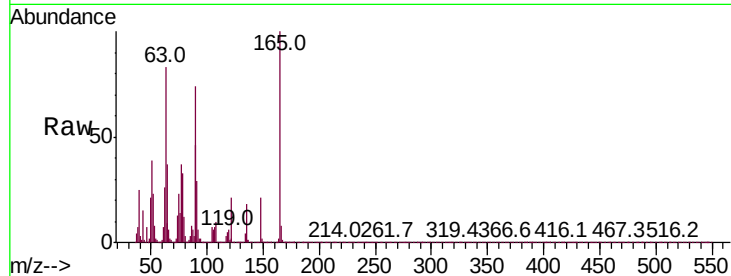
#51
2,6-Dinitrotoluene
Concen: 49.372 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

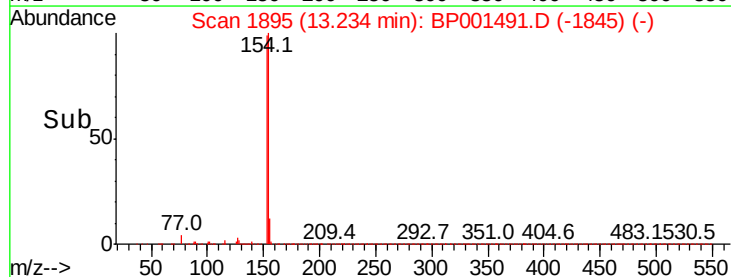
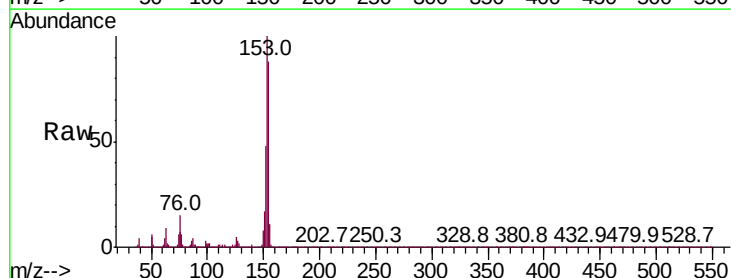
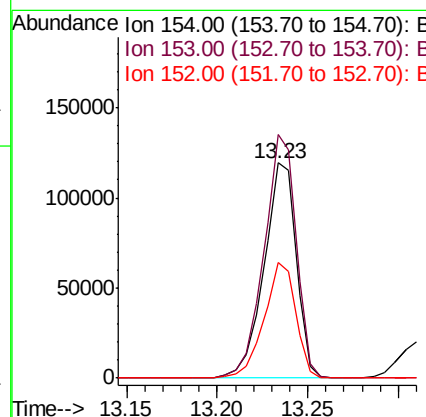
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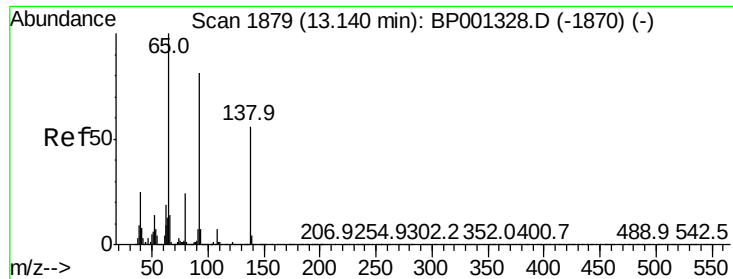
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#52
Acenaphthene
Concen: 48.664 ng
RT: 13.23 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	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

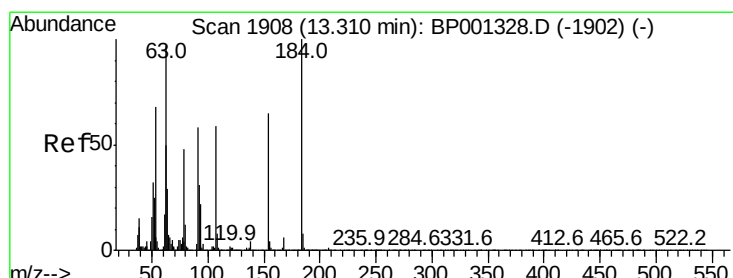
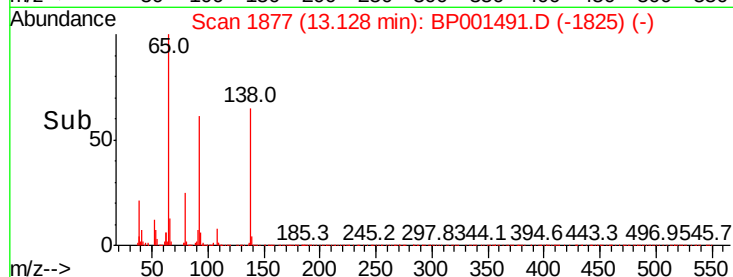
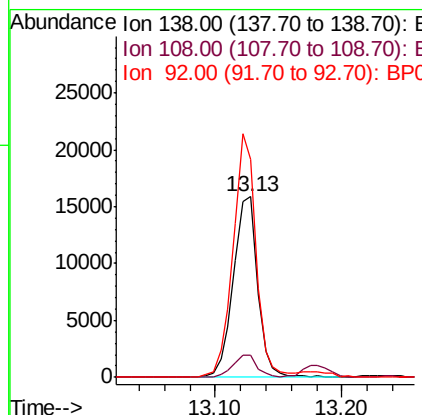
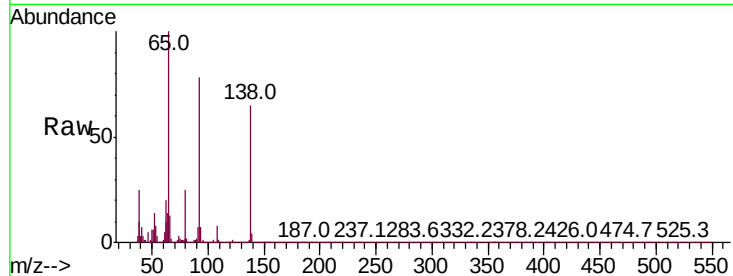
Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

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#54

2,4-Dinitrophenol

Concen: 111.815 ng

RT: 13.31 min Scan# 1908

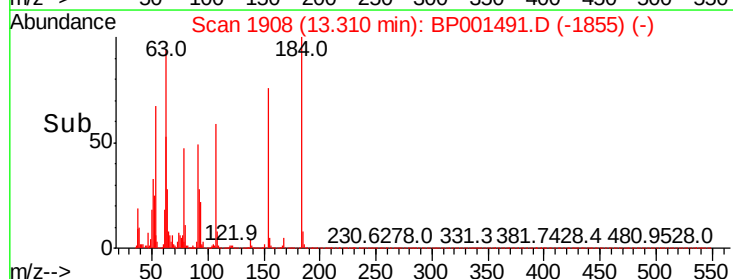
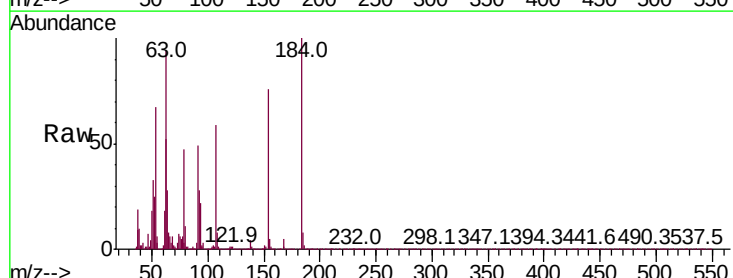
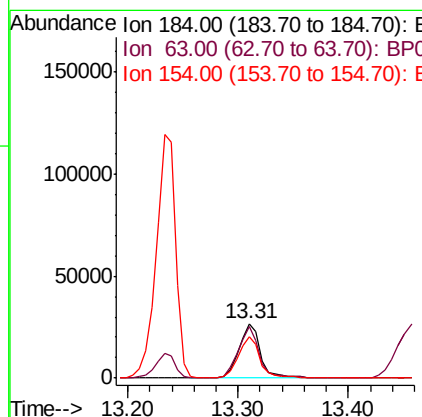
Delta R.T. 0.01 min

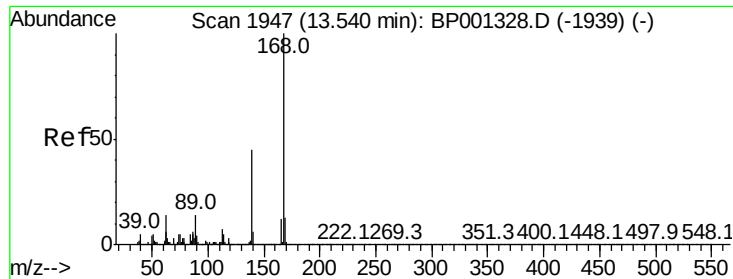
Lab File: BP001491.D

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

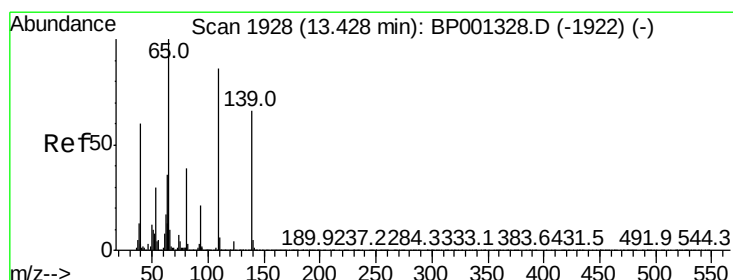
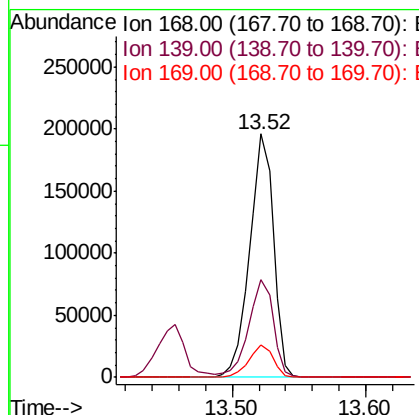
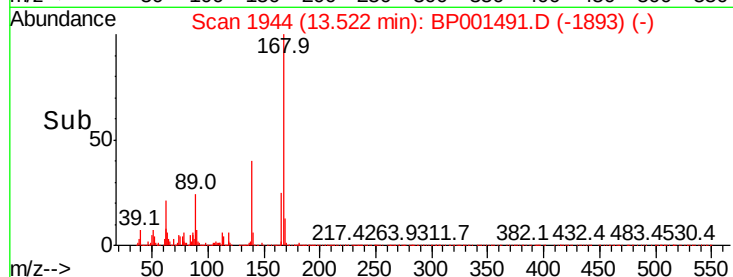
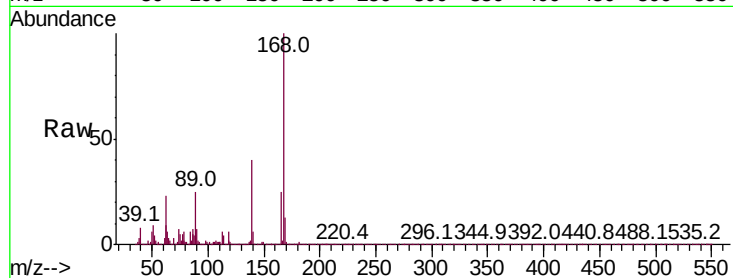
ClientSampleId :

SB-2-(4-5)MSD

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

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#56

4-Nitrophenol

Concen: 95.776 ng

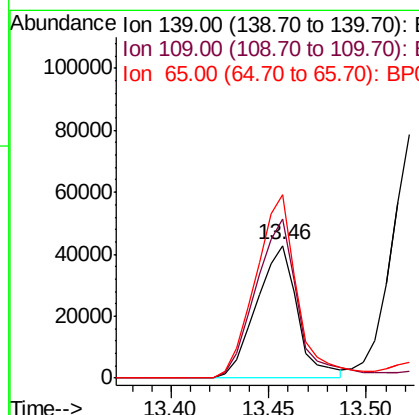
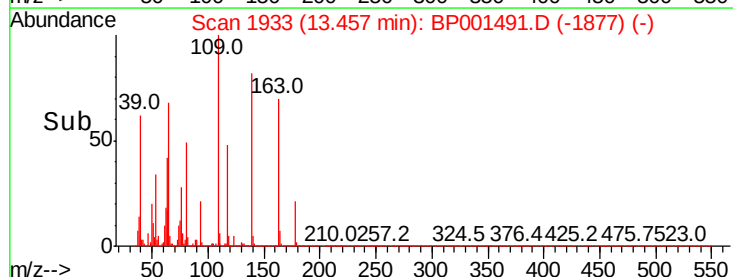
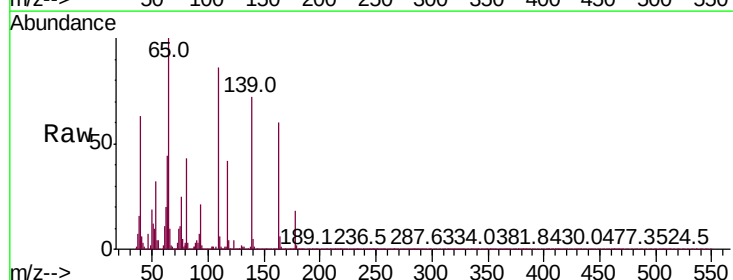
RT: 13.46 min Scan# 1933

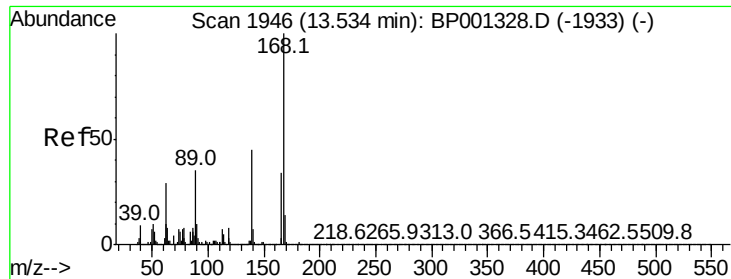
Delta R.T. 0.03 min

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





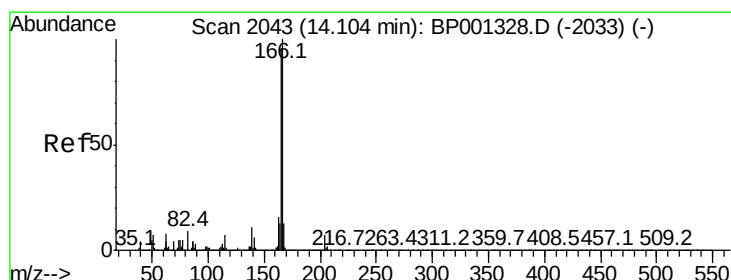
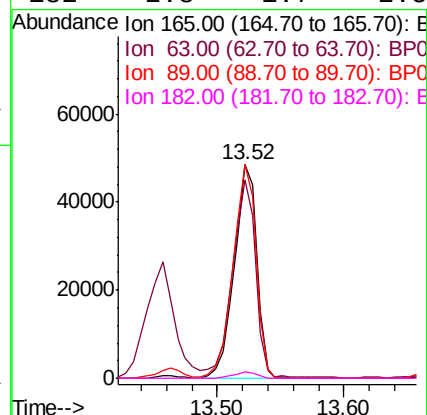
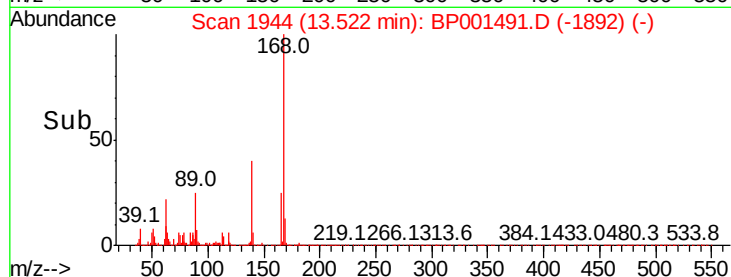
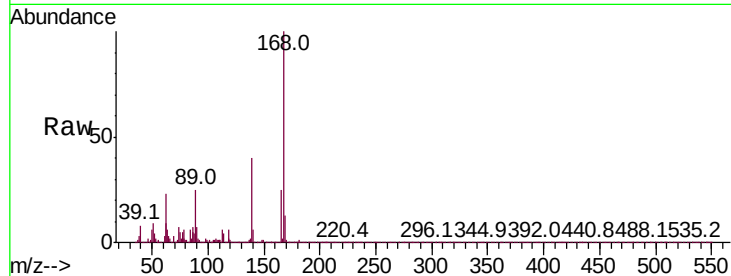
#57
2,4-Dinitrotoluene
Concen: 50.084 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	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#	

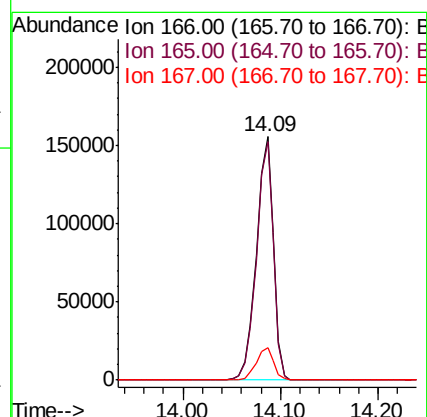
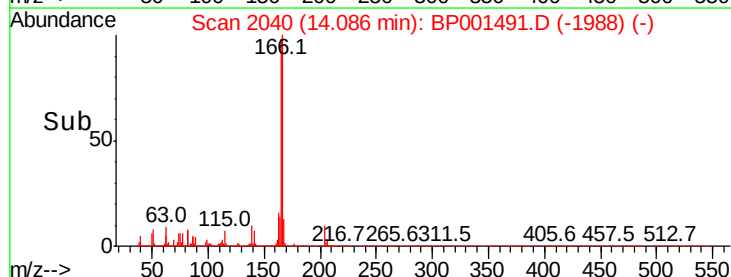
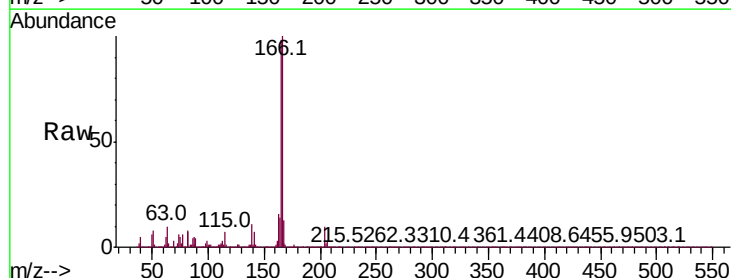
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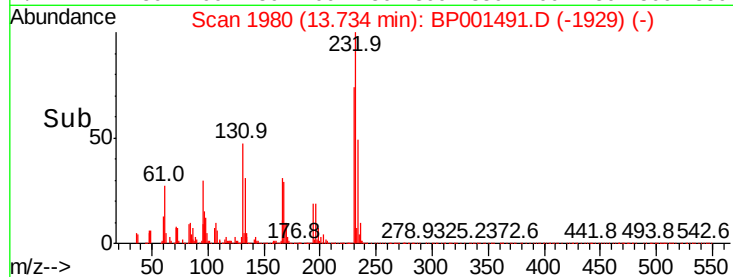
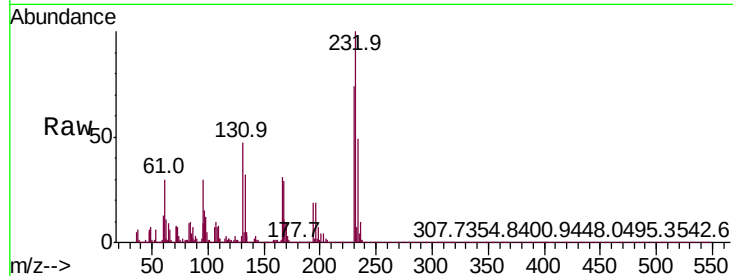
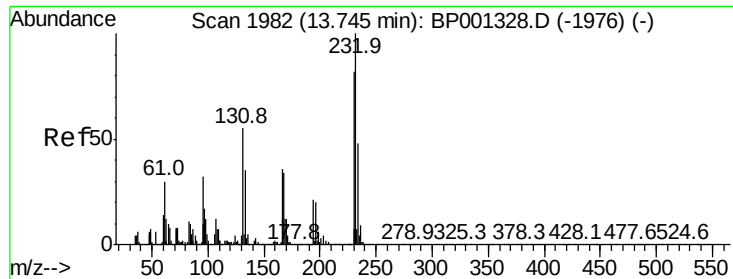
mohammad
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#58
Fluorene
Concen: 50.191 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





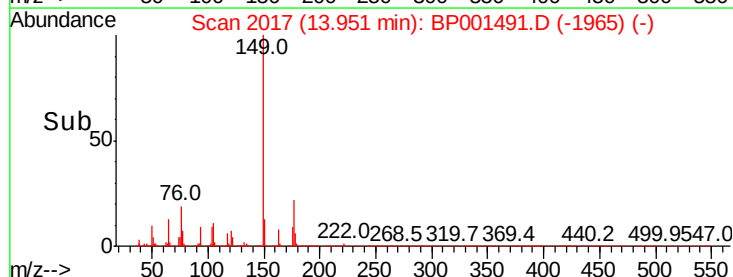
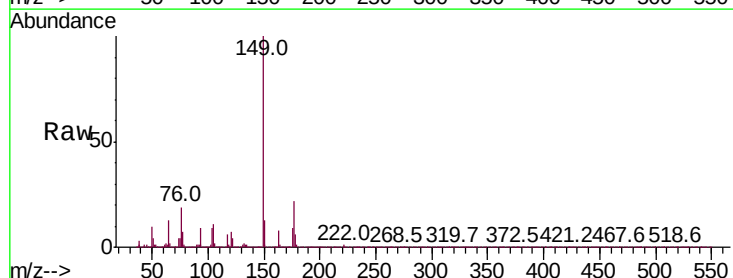
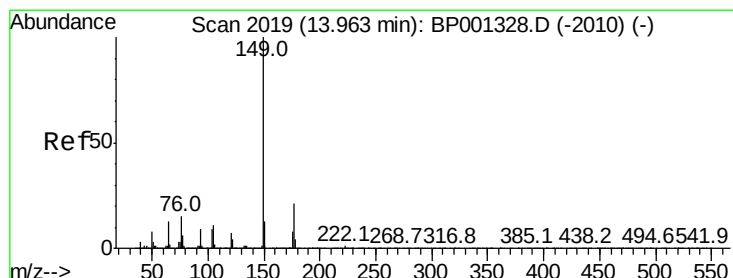
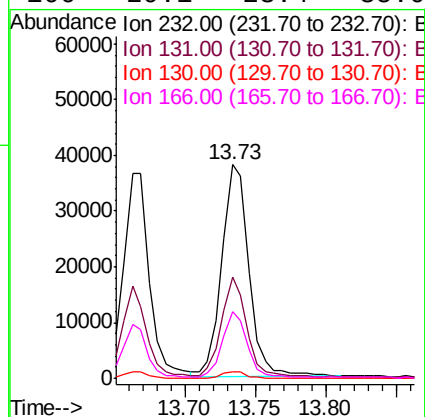
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.294 ng
RT: 13.73 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

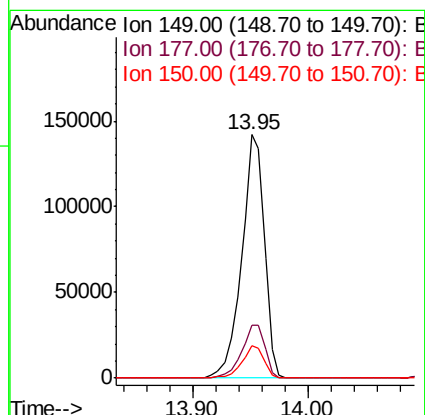
Manual Integrations
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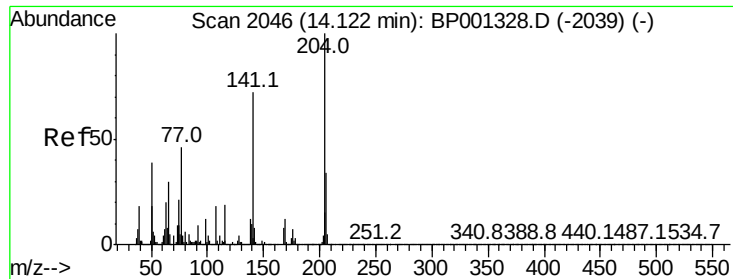
mohammad
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#60
Diethylphthalate
Concen: 44.618 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





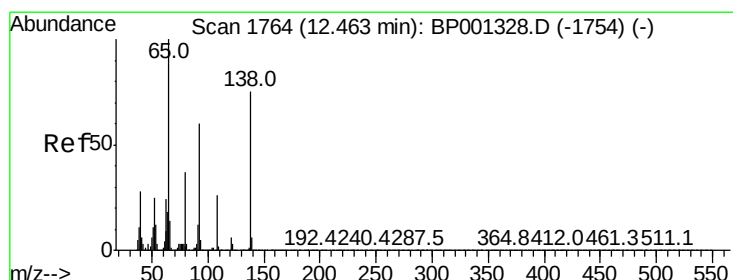
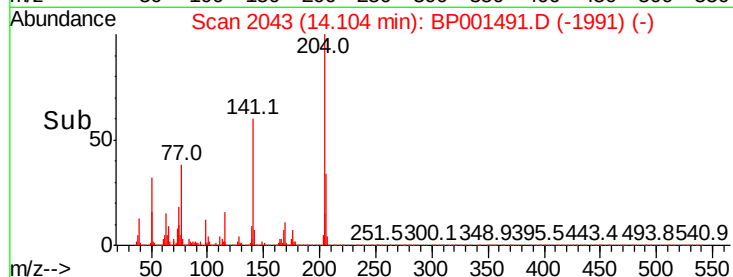
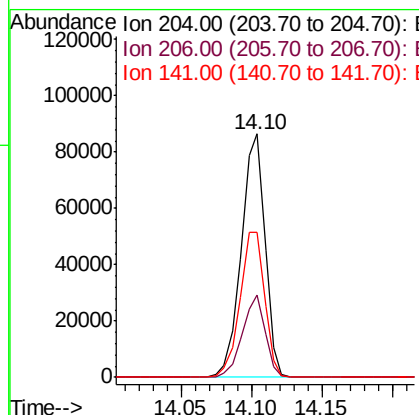
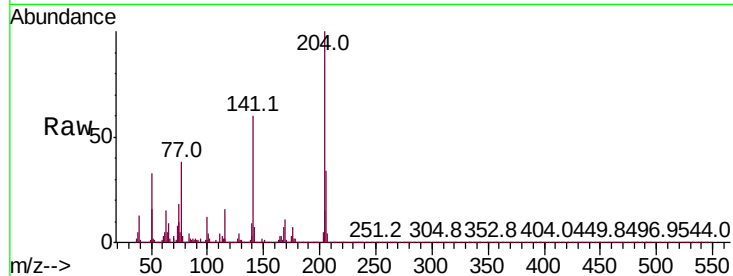
#61
4-Chlorophenyl-phenylether
Concen: 50.703 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

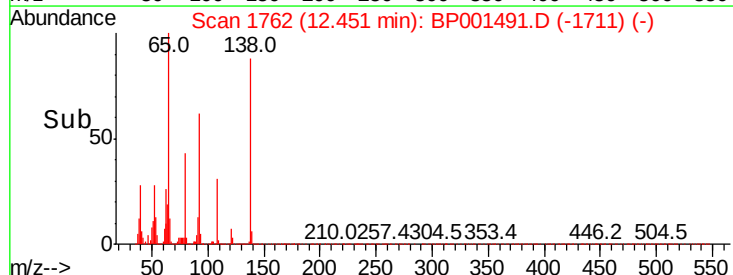
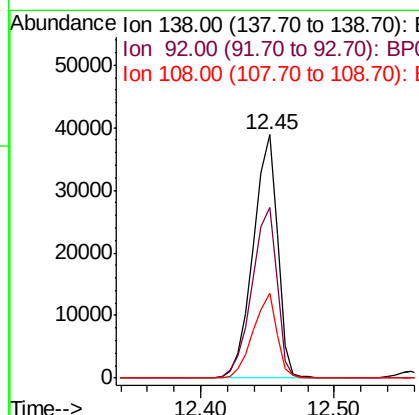
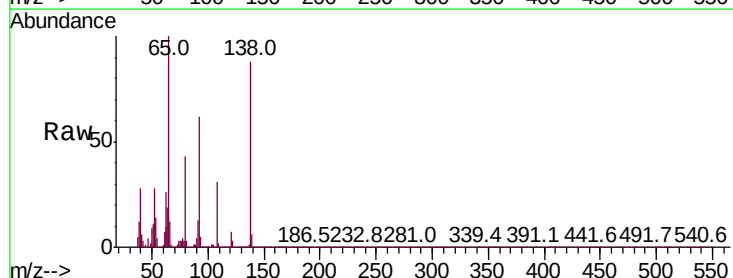
Manual Integrations
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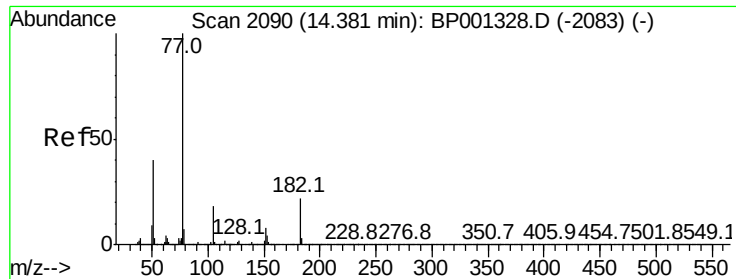
mohammad
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#62
4-Nitroaniline
Concen: 46.196 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





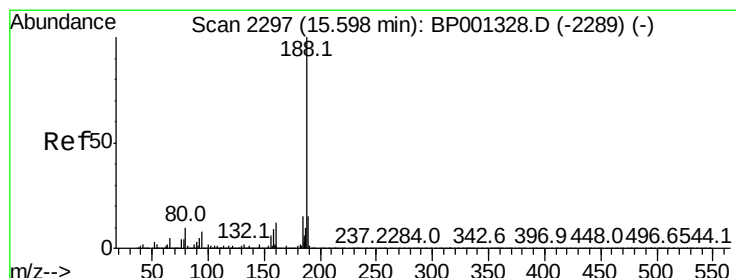
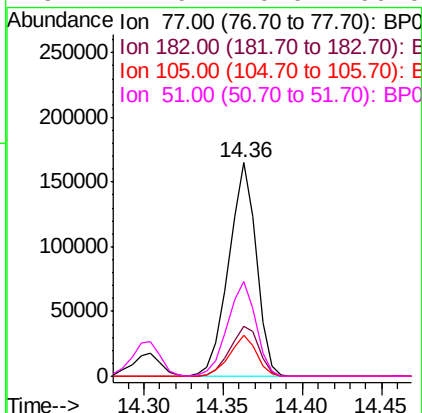
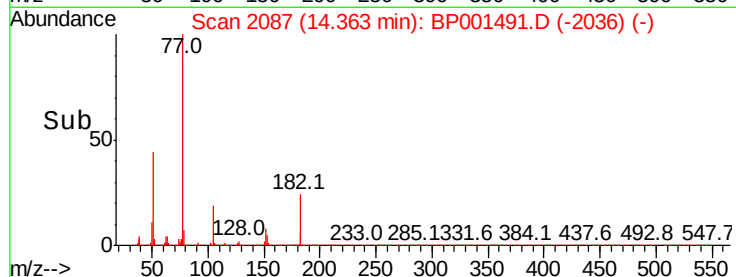
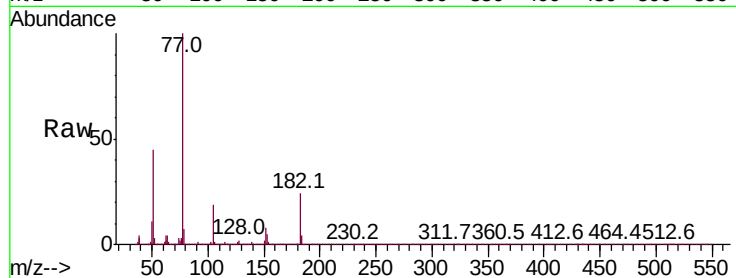
#63
Azobenzene
Concen: 43.876 ng
RT: 14.36 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		198604		
182	23.7	5.8	45.8		
105	19.2	0.0	38.8		
51	44.6	20.0	60.0		

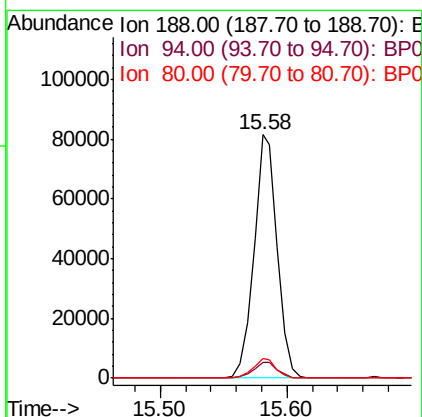
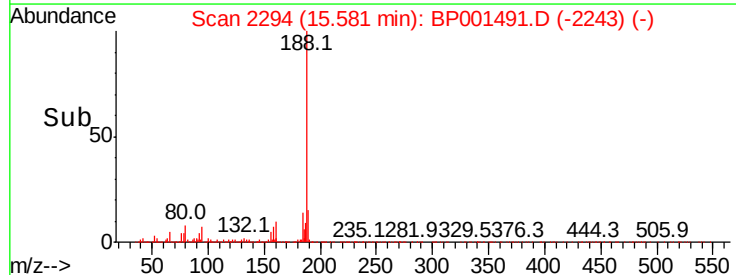
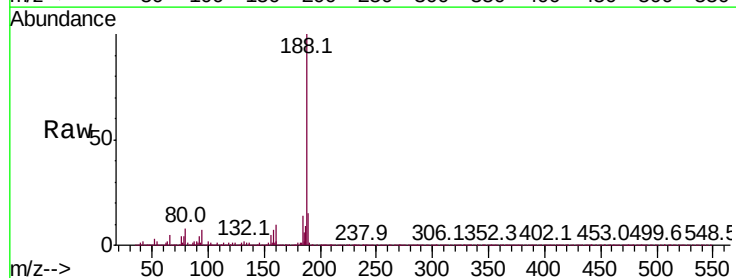
Manual Integrations
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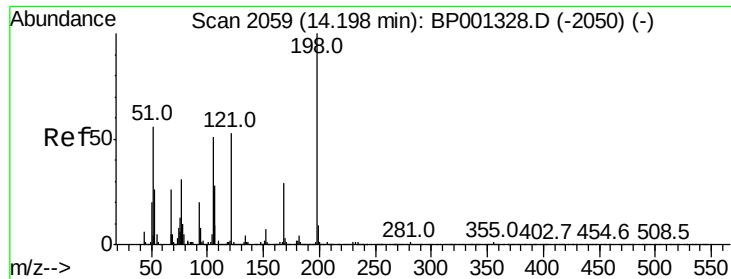
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		103830		
94	6.6	5.8	8.8		
80	8.3	5.7	8.5		





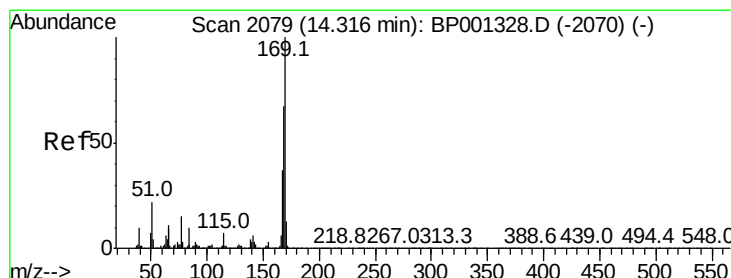
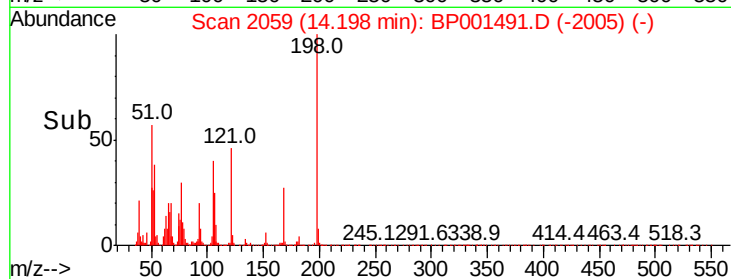
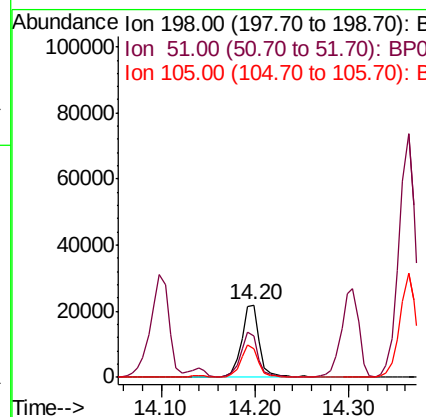
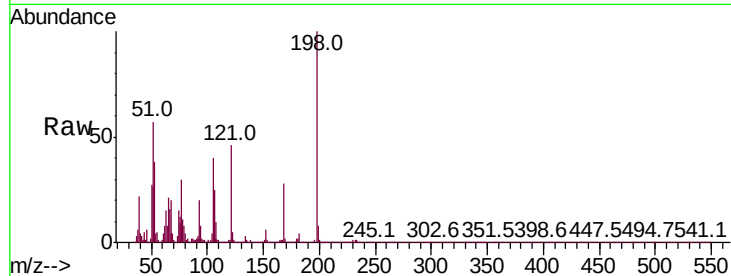
#65
4,6-Dinitro-2-methylphenol
Concen: 61.198 ng
RT: 14.20 min Scan# 2059
Delta R.T. 0.02 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

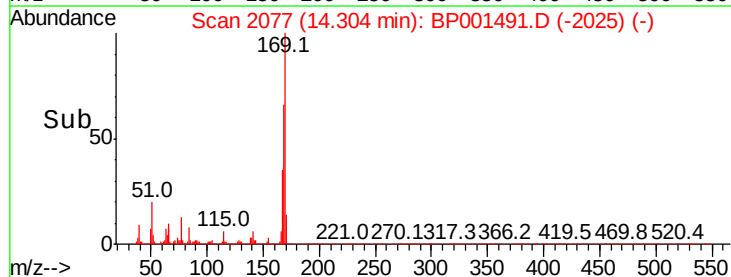
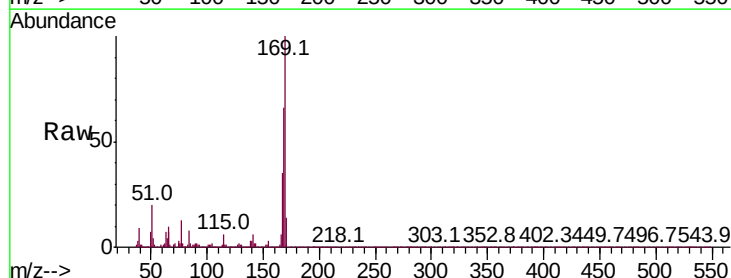
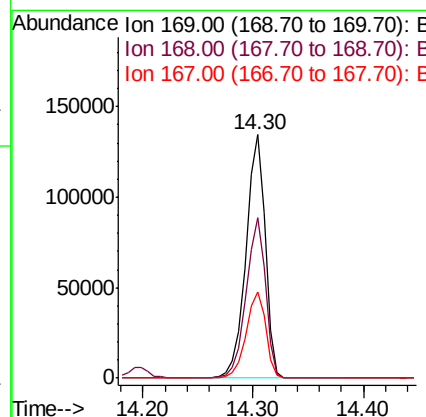
Manual Integrations
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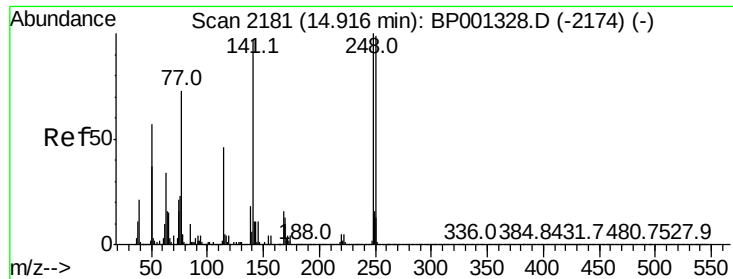
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#66
n-Nitrosodiphenylamine
Concen: 50.220 ng
RT: 14.30 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





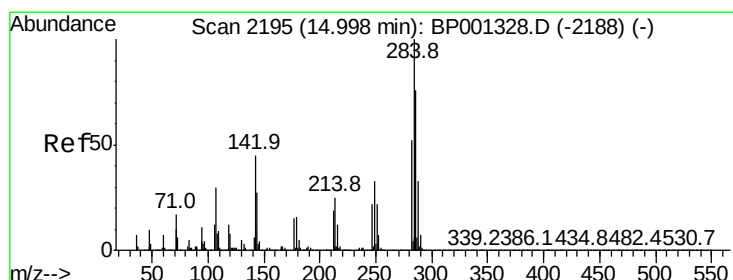
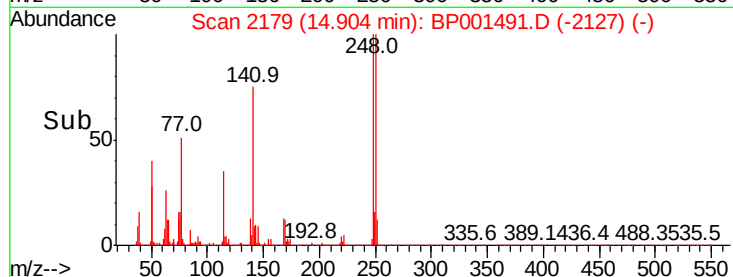
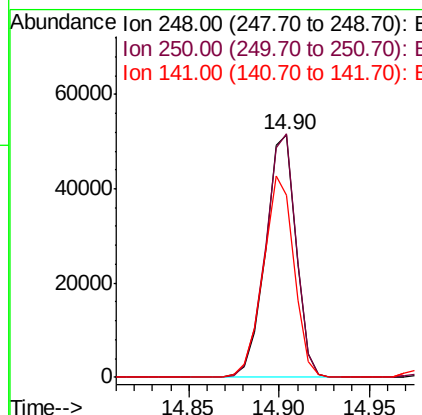
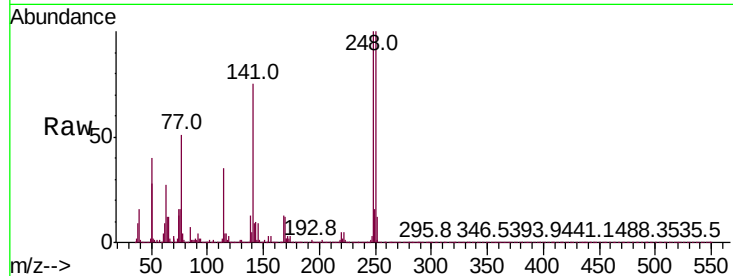
#67
4-Bromophenyl-phenylether
Concen: 48.910 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

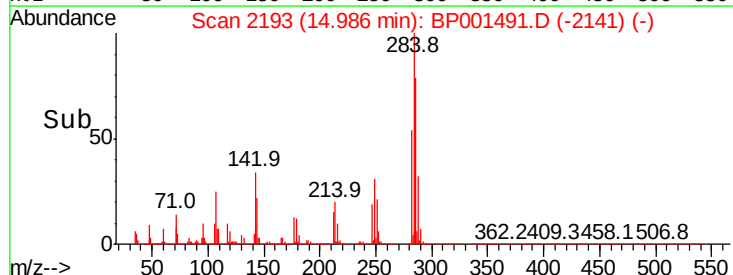
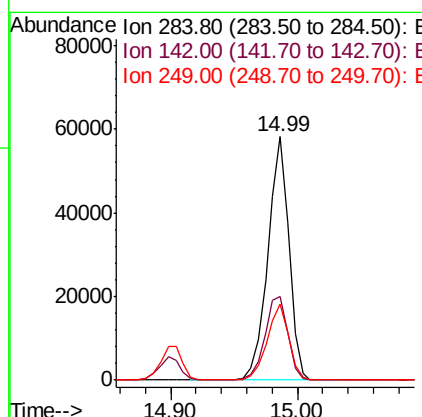
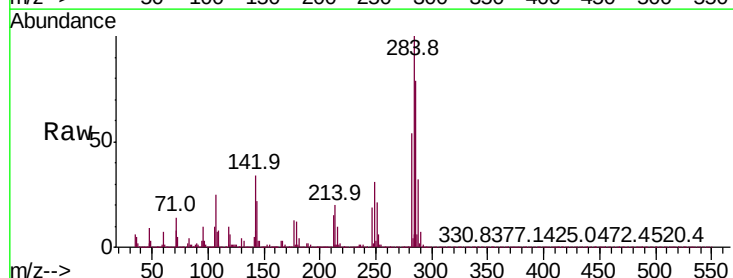
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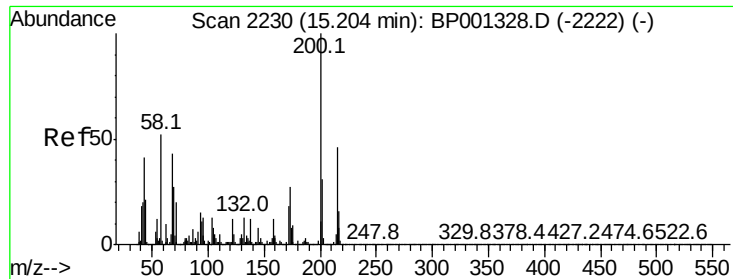
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#68
Hexachlorobenzene
Concen: 47.909 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





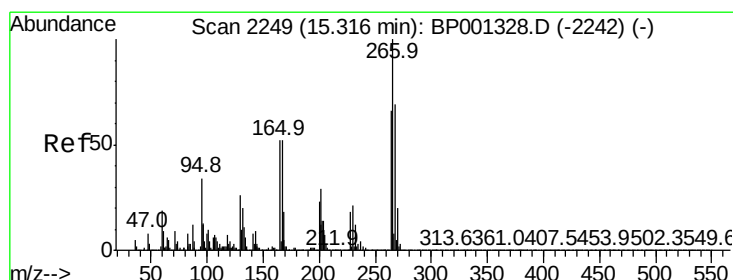
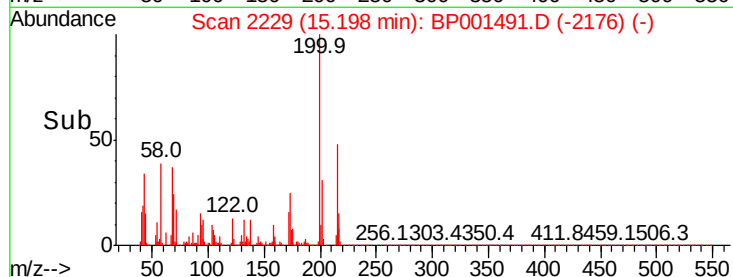
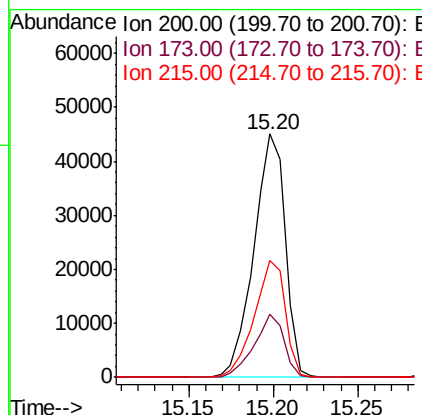
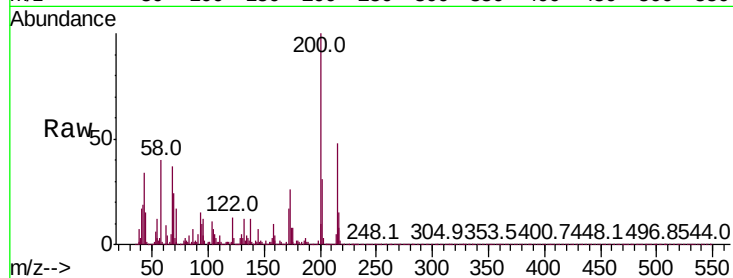
#69
Atrazine
Concen: 49.484 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

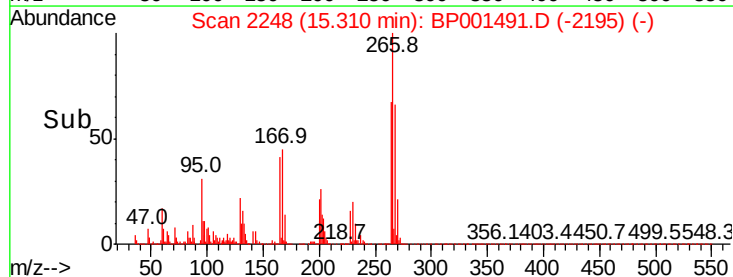
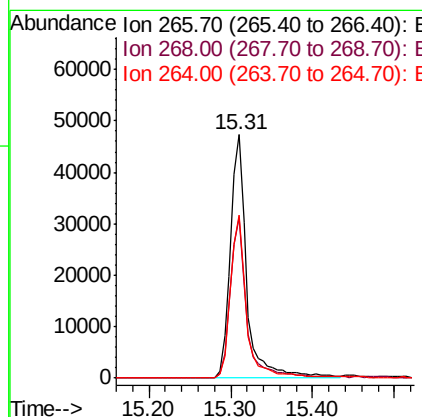
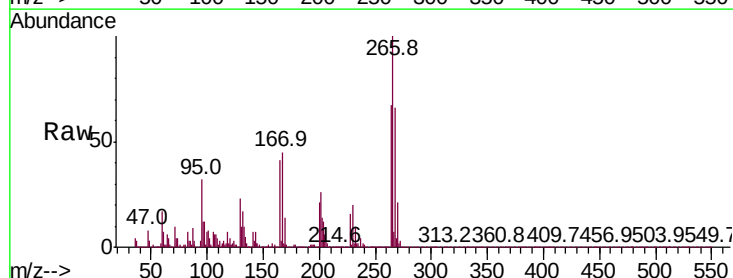
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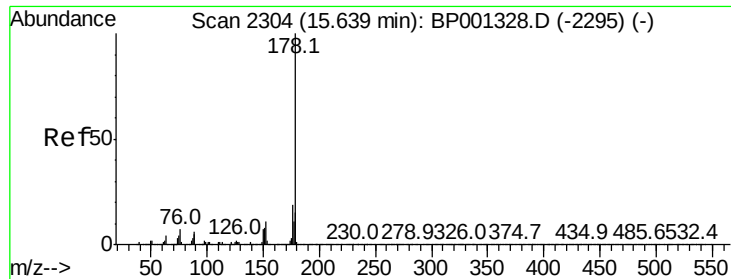
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#70
Pentachlorophenol
Concen: 92.573 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





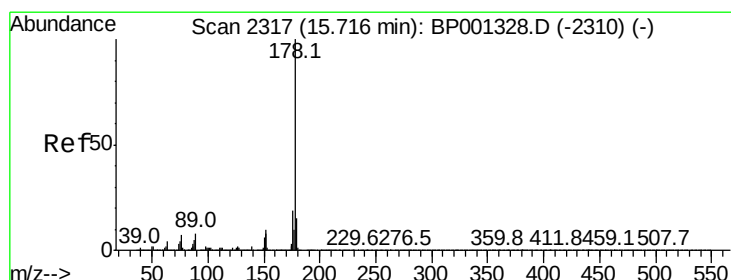
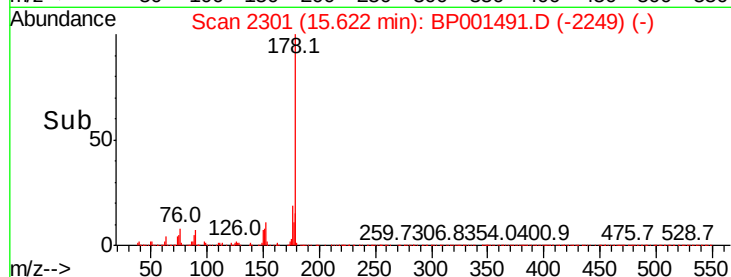
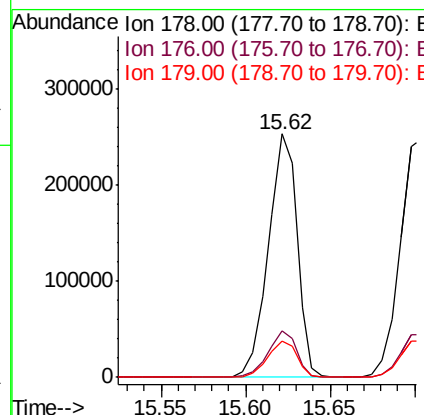
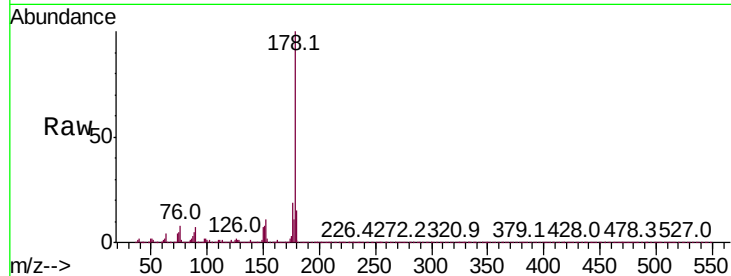
#71
Phenanthrene
Concen: 50.575 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

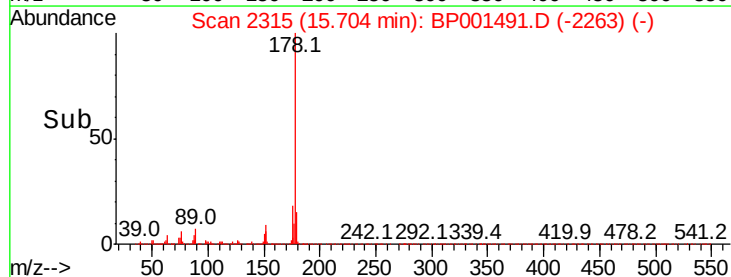
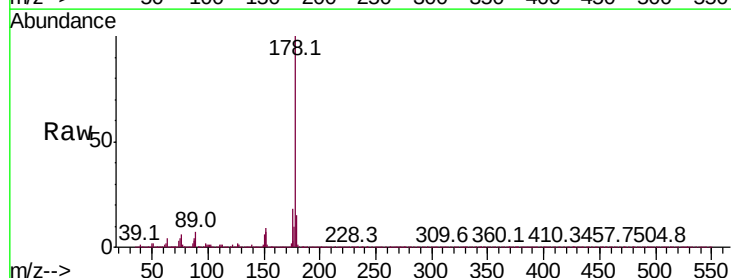
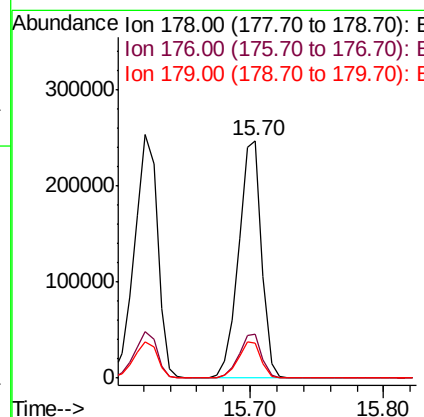
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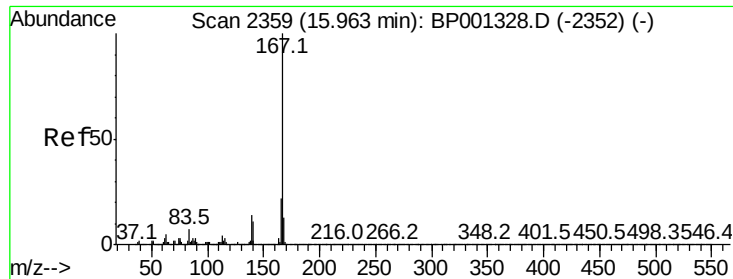
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#72
Anthracene
Concen: 50.550 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





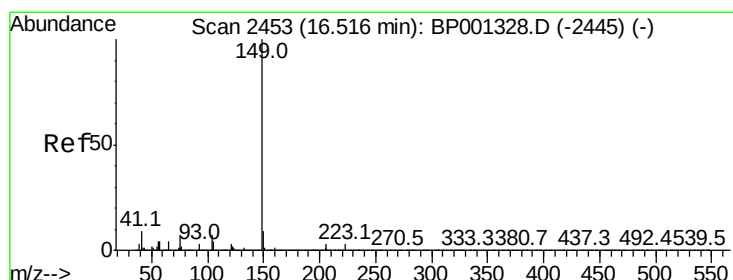
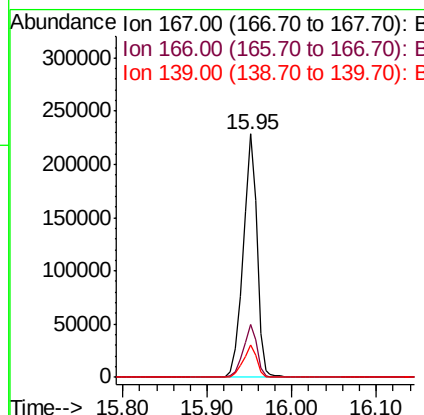
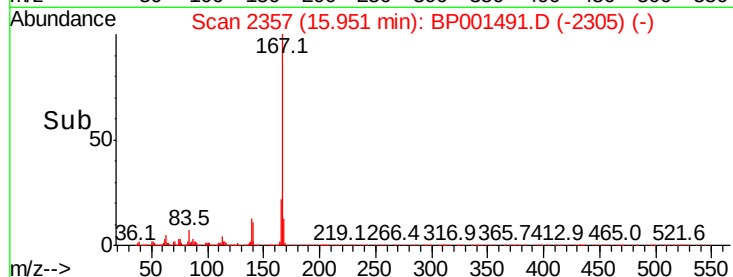
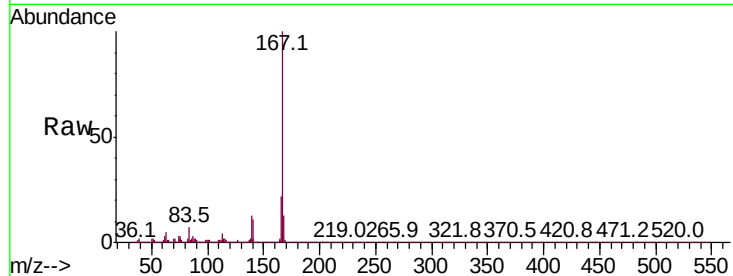
#73
 Carbazole
 Concen: 48.444 ng
 RT: 15.95 min Scan# 2357
 Delta R.T. 0.01 min
 Lab File: BP001491.D
 Acq: 28 Dec 2019 23:01

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)MSD

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

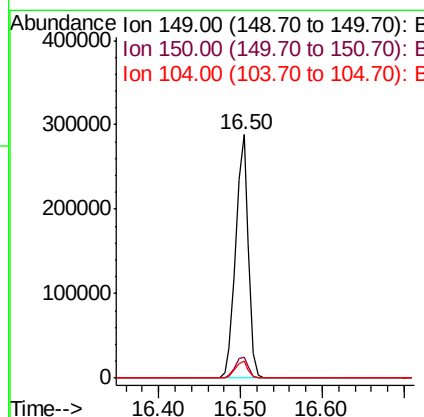
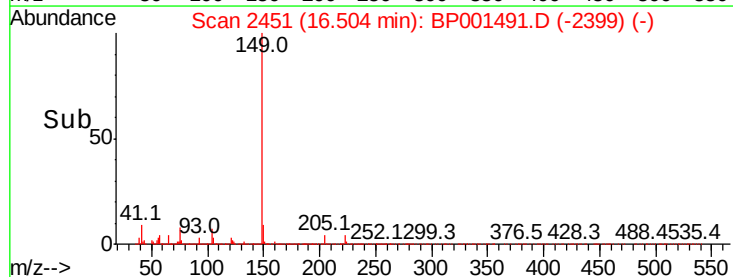
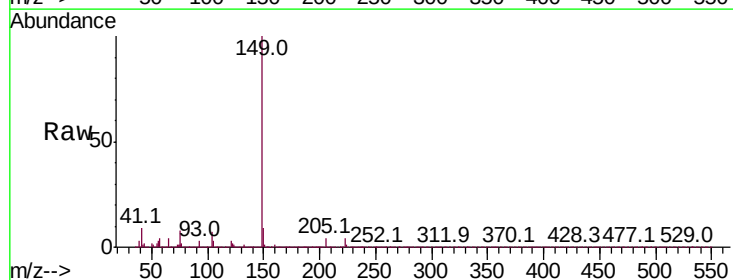
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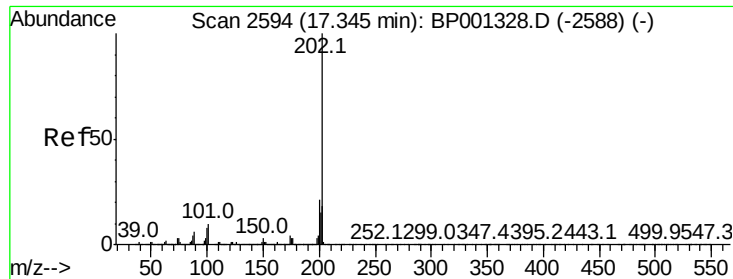
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#74
 Di-n-butylphthalate
 Concen: 43.264 ng
 RT: 16.50 min Scan# 2451
 Delta R.T. 0.01 min
 Lab File: BP001491.D
 Acq: 28 Dec 2019 23:01

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

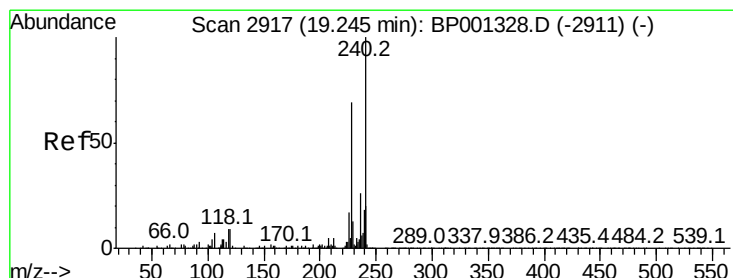
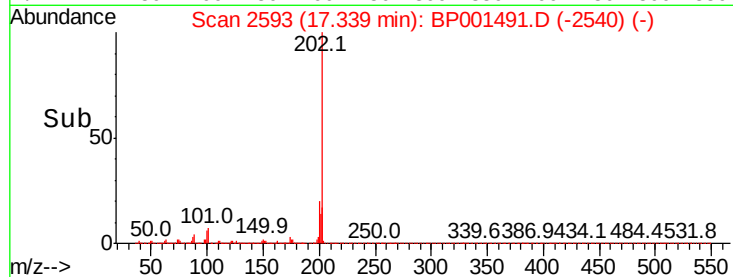
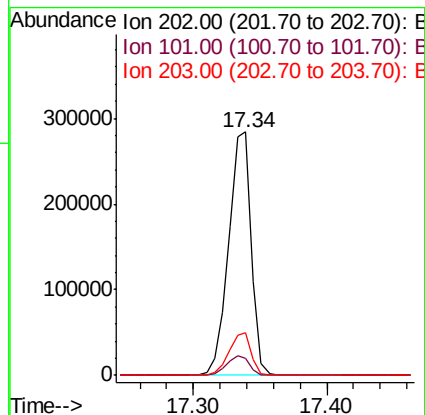
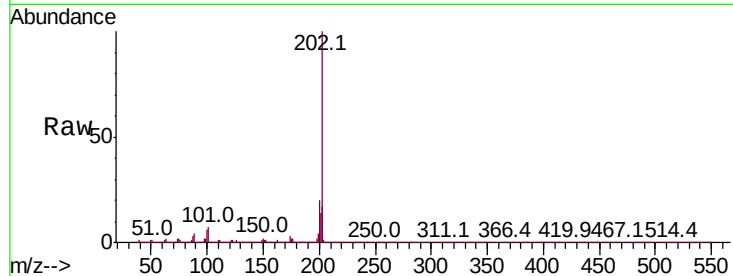
ClientSampleId :

SB-2-(4-5)MSD

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

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#76

Chrysene-d12

Concen: 20.000 ng

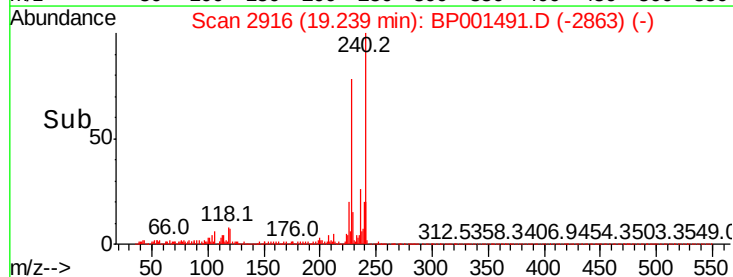
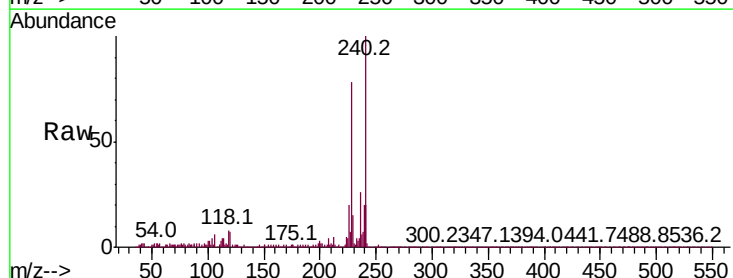
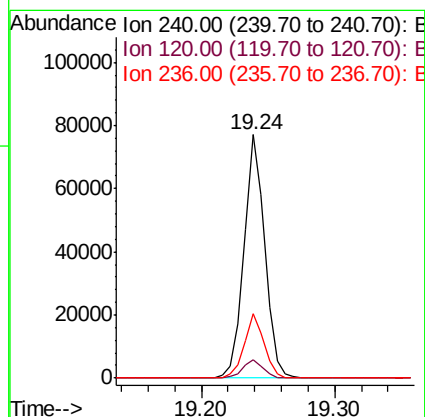
RT: 19.24 min Scan# 2916

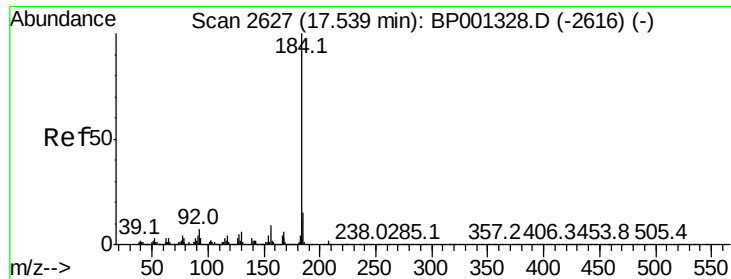
Delta R.T. 0.01 min

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





#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

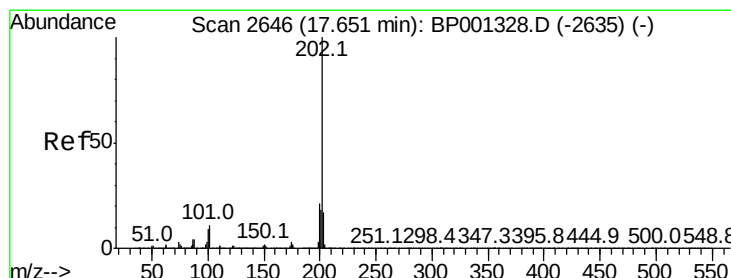
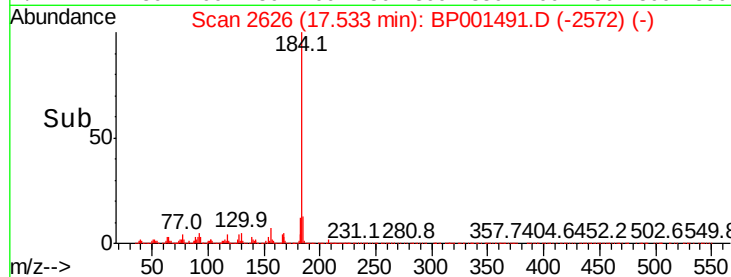
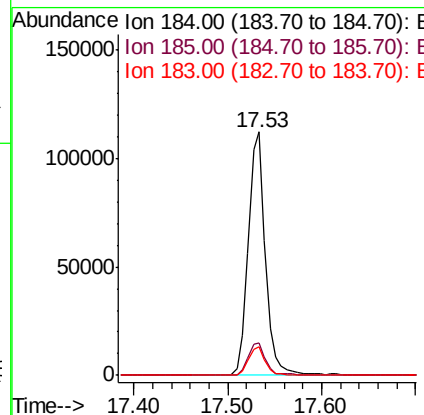
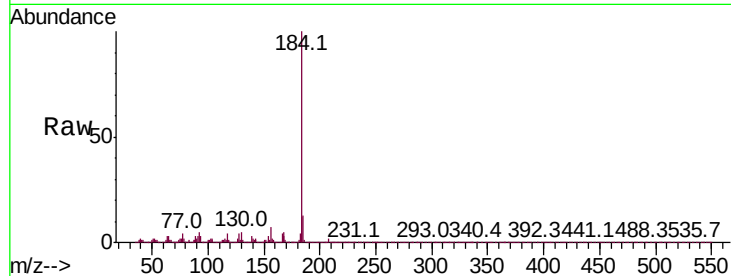
ClientSampleId :

SB-2-(4-5)MSD

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

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#78

Pyrene

Concen: 52.217 ng

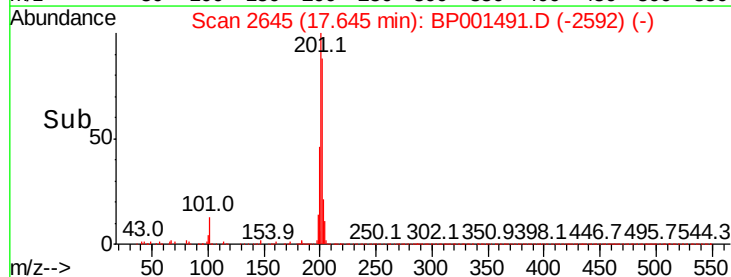
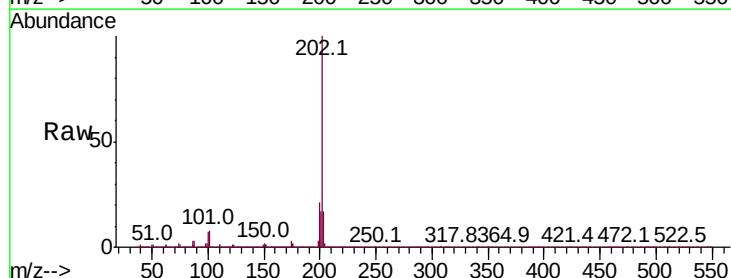
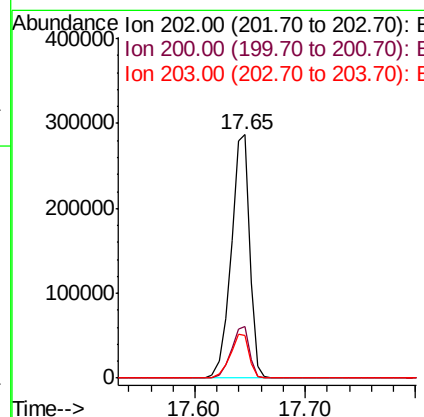
RT: 17.65 min Scan# 2645

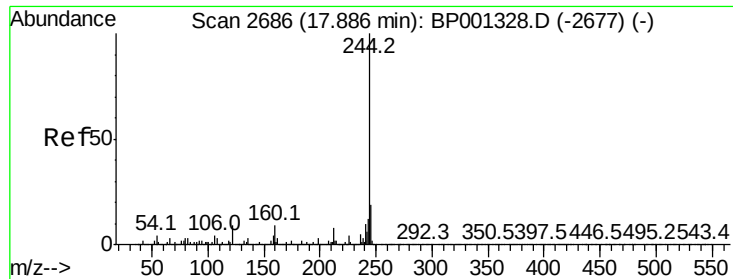
Delta R.T. 0.01 min

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





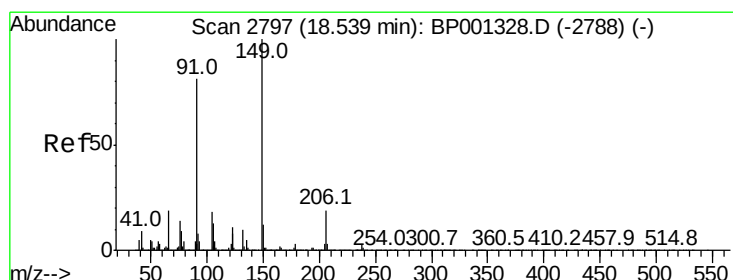
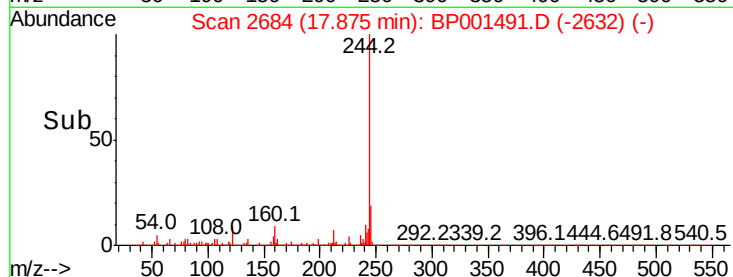
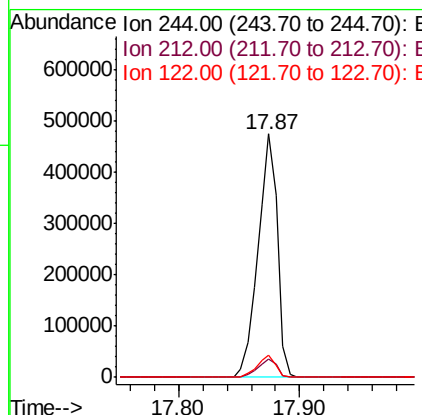
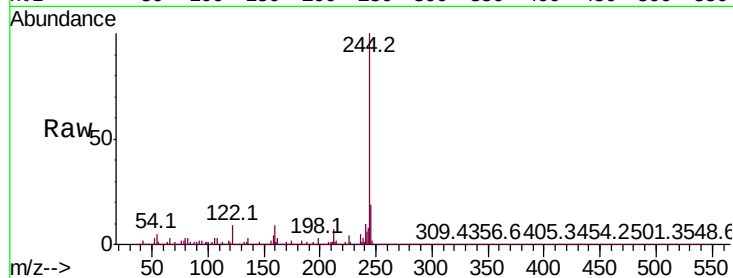
#79
 Terphenyl-d14
 Concen: 109.342 ng
 RT: 17.87 min Scan# 2684
 Delta R.T. 0.01 min
 Lab File: BP001491.D
 Acq: 28 Dec 2019 23:01

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.0	6.4	9.6

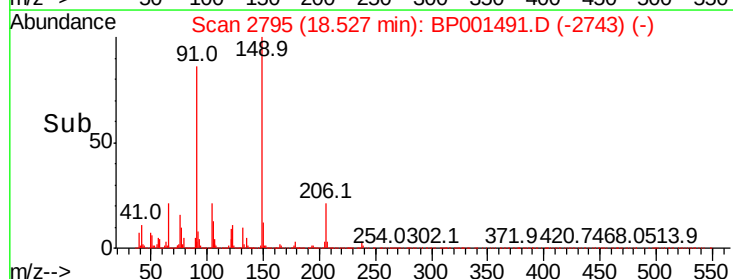
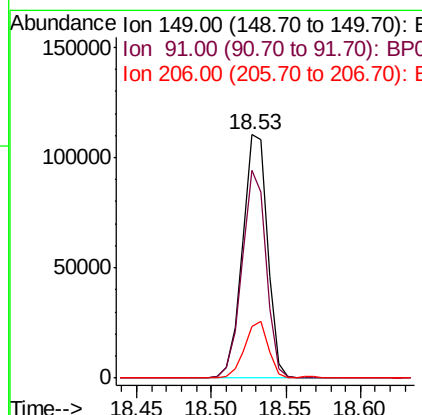
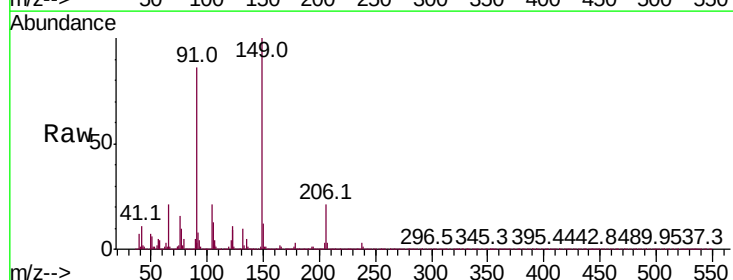
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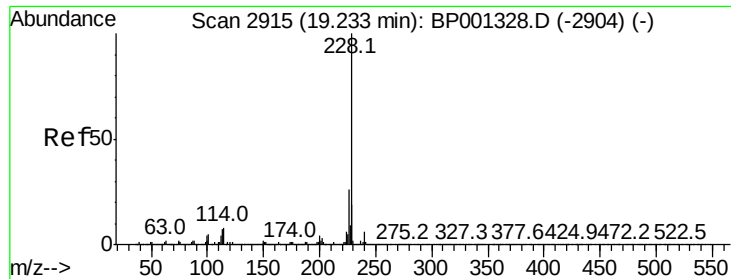
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#80
 Butylbenzylphthalate
 Concen: 42.800 ng
 RT: 18.53 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: BP001491.D
 Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	85.5	59.8	89.6
206	21.0	18.3	27.5





#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

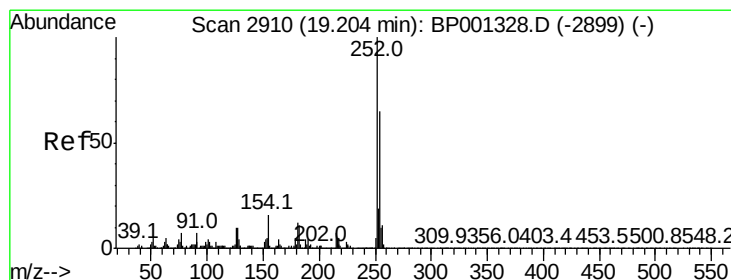
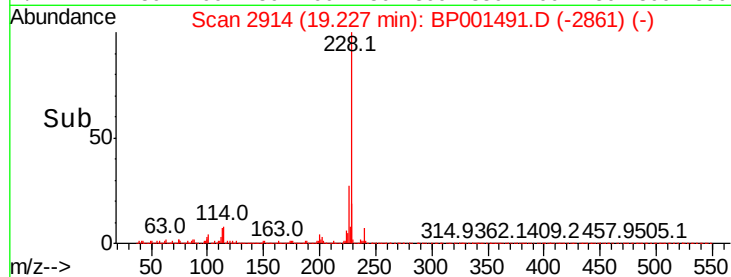
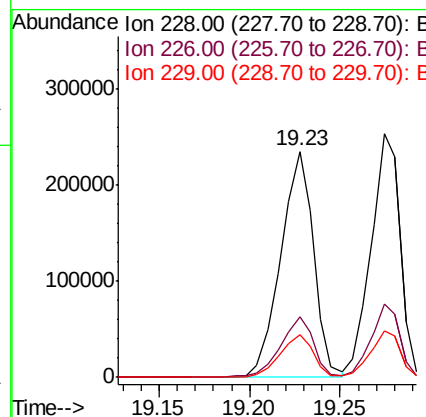
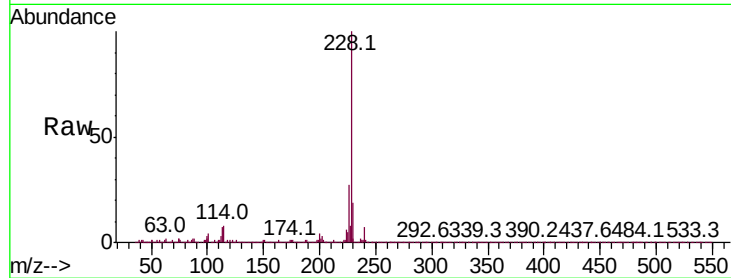
ClientSampleId :

SB-2-(4-5)MSD

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

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#82

3,3'-Dichlorobenzidine

Concen: 39.243 ng

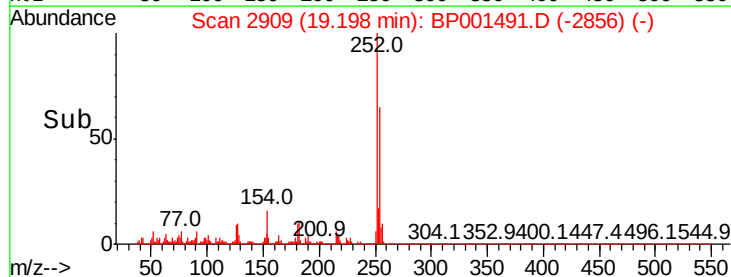
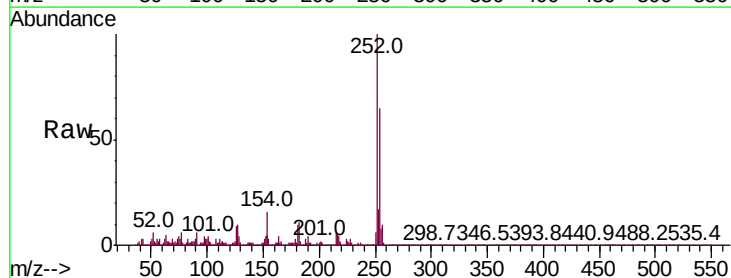
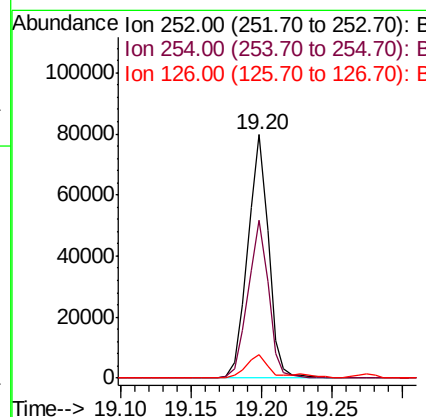
RT: 19.20 min Scan# 2909

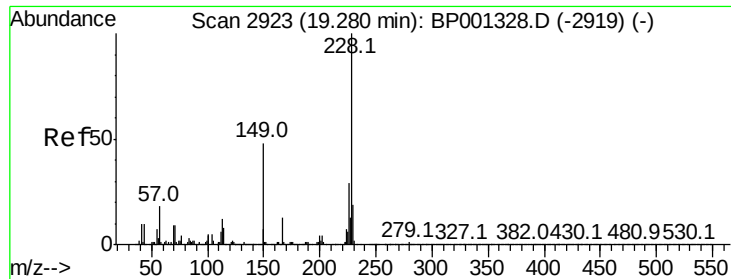
Delta R.T. 0.01 min

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





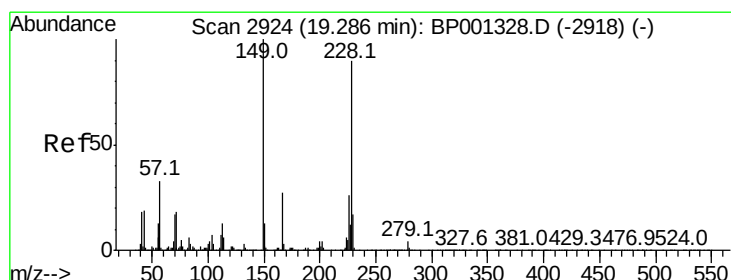
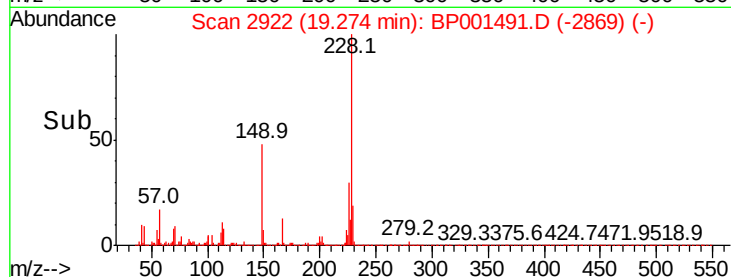
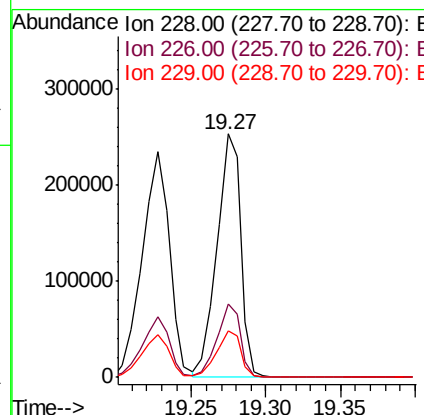
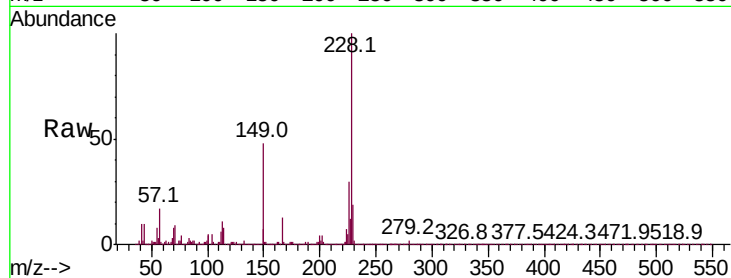
#83
Chrysene
Concen: 48.459 ng
RT: 19.27 min Scan# 2922
Delta R.T. 0.01 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	19.1	15.5	23.3

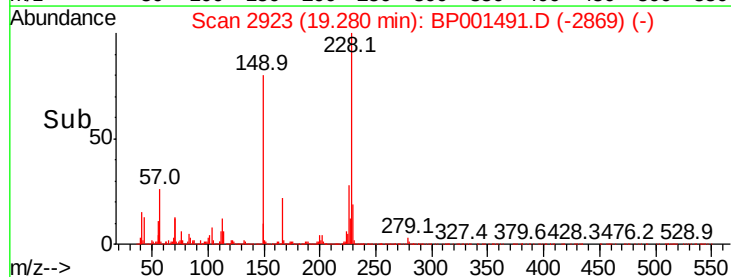
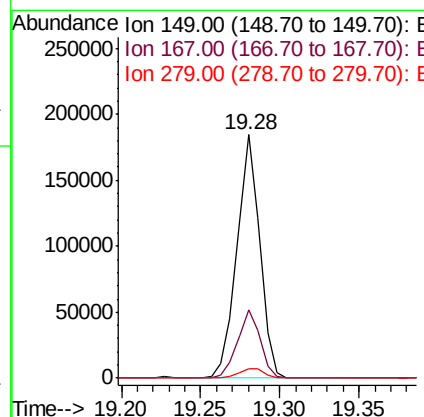
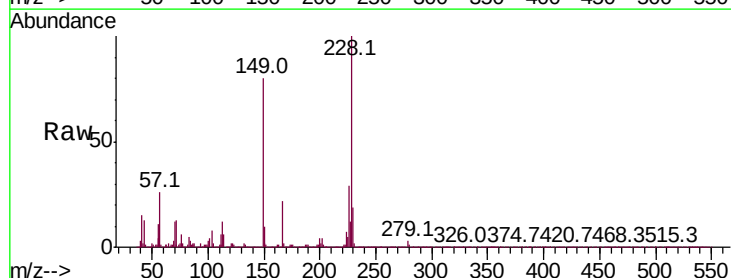
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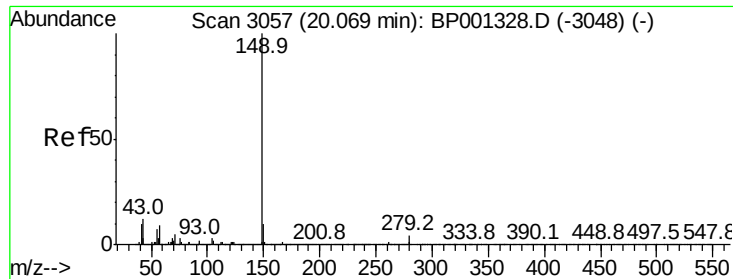
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.972 ng
RT: 19.28 min Scan# 2923
Delta R.T. 0.02 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.4	32.0
279	4.0	3.2	4.8





#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

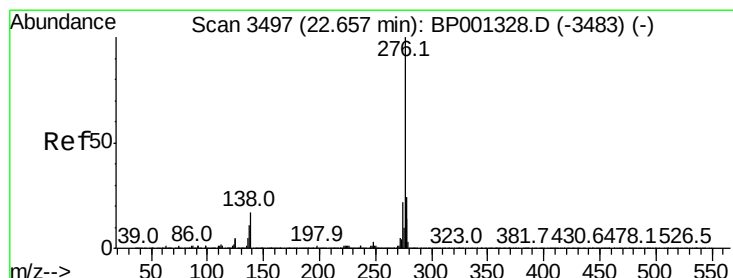
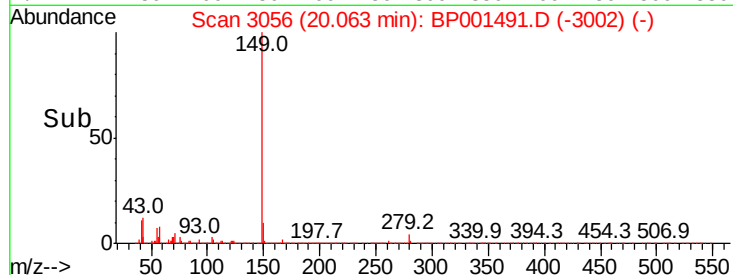
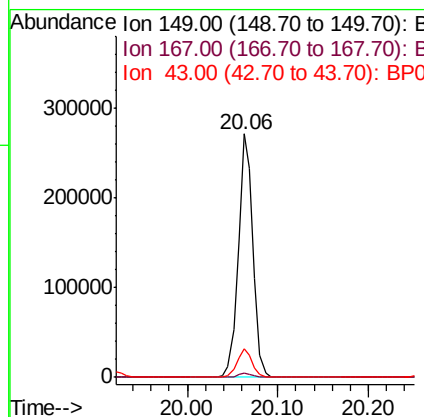
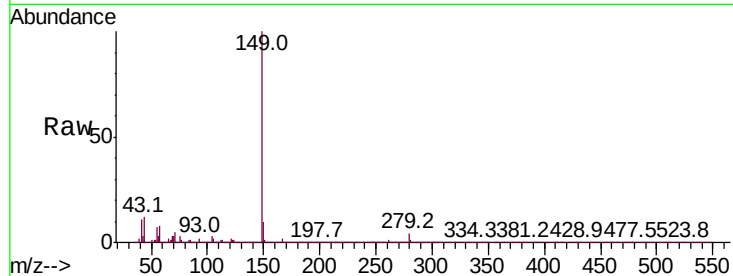
ClientSampleId :

SB-2-(4-5)MSD

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

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#86

Indeno(1,2,3-cd)pyrene

Concen: 47.119 ng

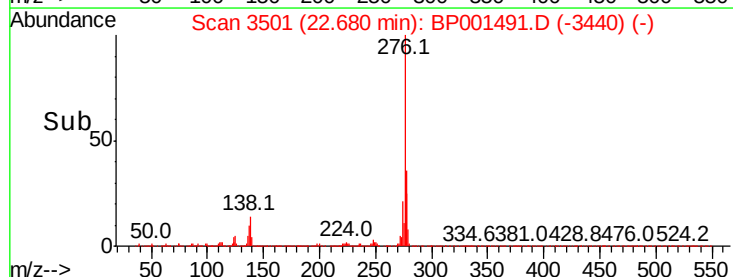
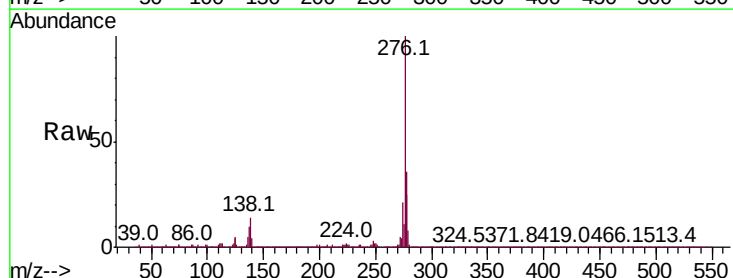
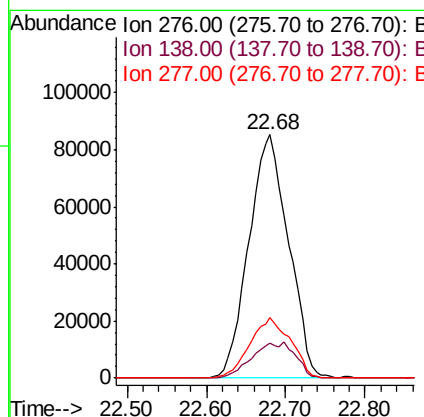
RT: 22.68 min Scan# 3501

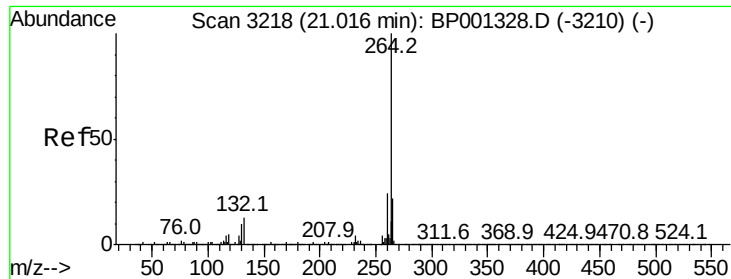
Delta R.T. 0.06 min

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





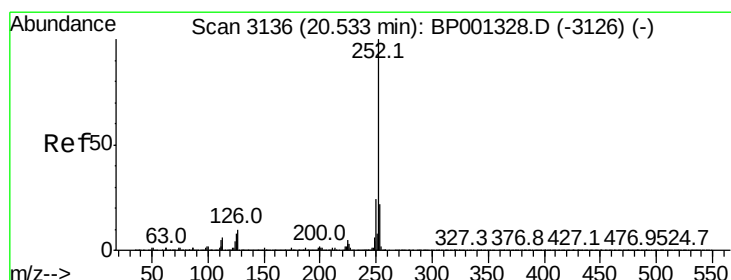
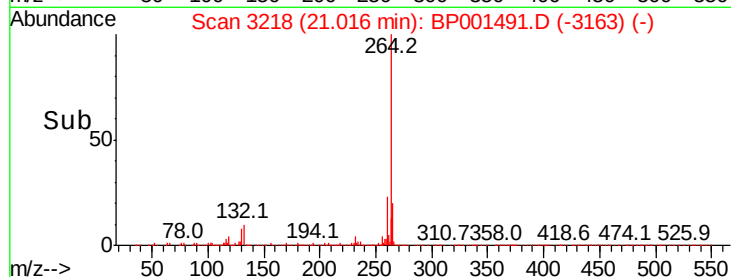
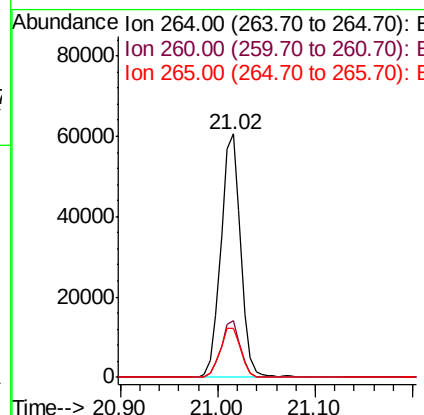
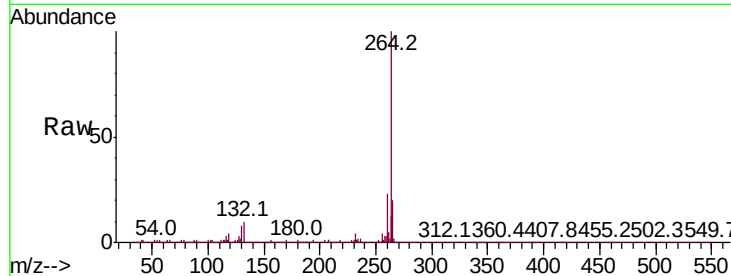
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. 0.02 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

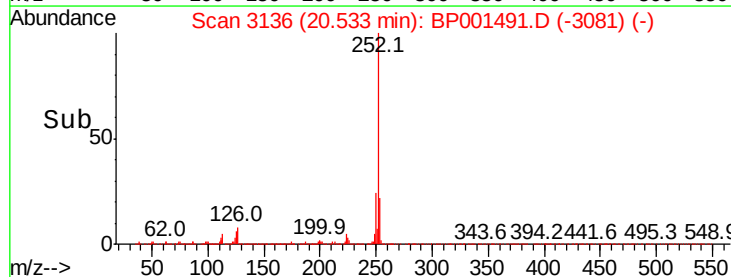
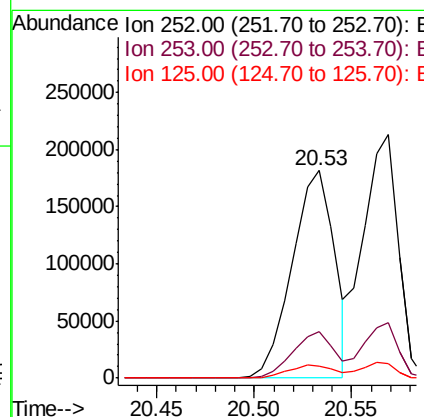
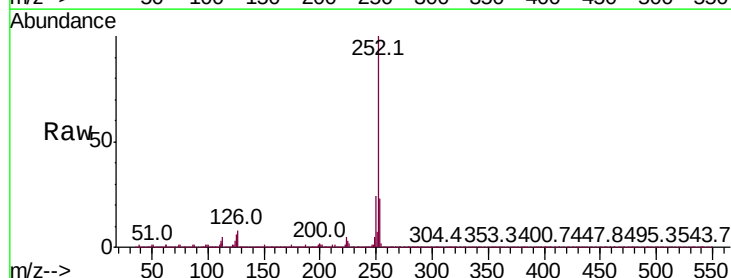
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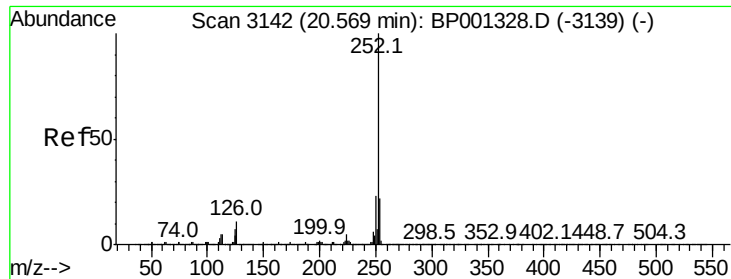
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#88
Benzo(b)fluoranthene
Concen: 49.338 ng
RT: 20.53 min Scan# 3136
Delta R.T. 0.02 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





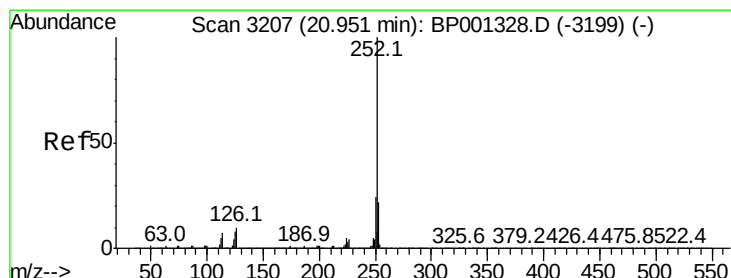
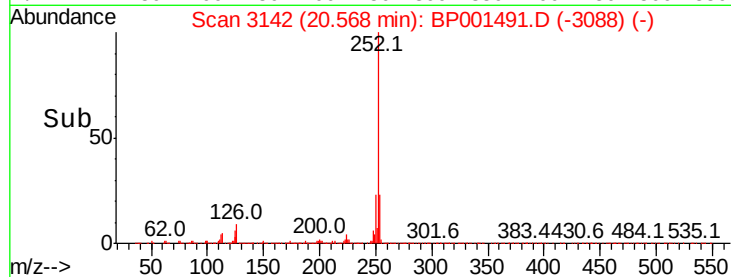
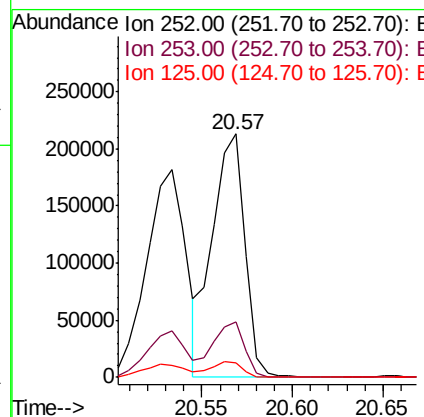
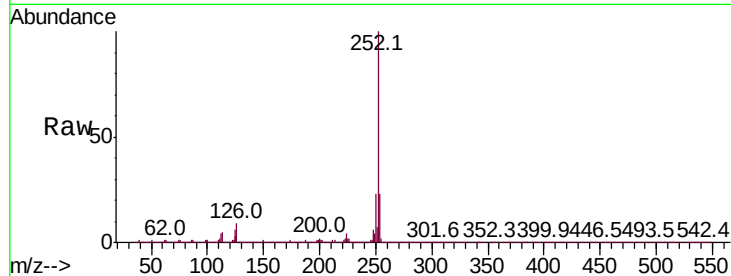
#89
Benzo(k)fluoranthene
Concen: 50.195 ng
RT: 20.57 min Scan# 3142
Delta R.T. 0.02 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

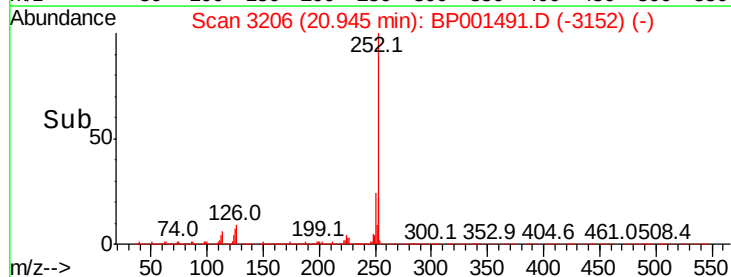
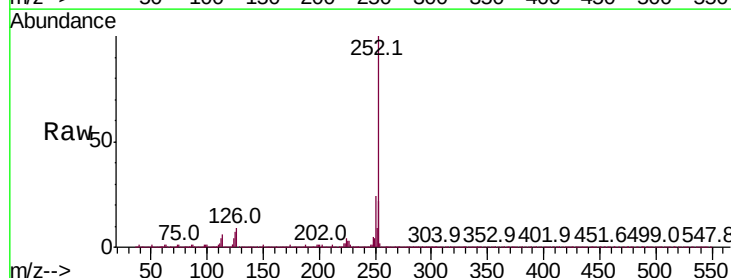
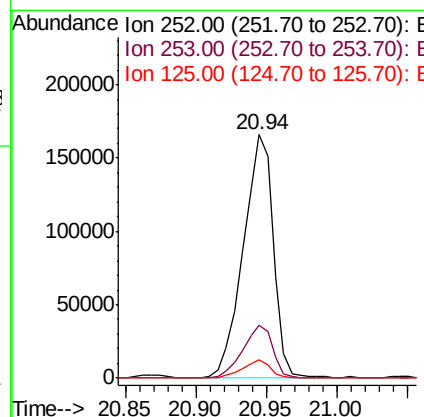
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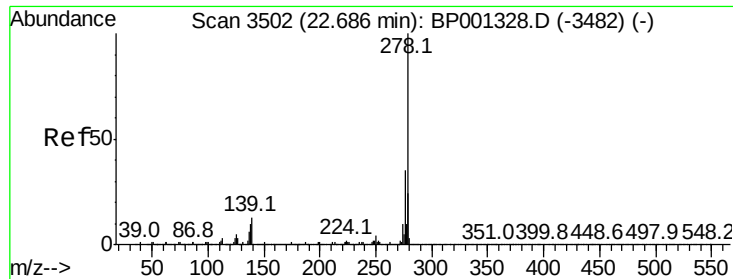
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#90
Benzo(a)pyrene
Concen: 48.728 ng
RT: 20.94 min Scan# 3206
Delta R.T. 0.02 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

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





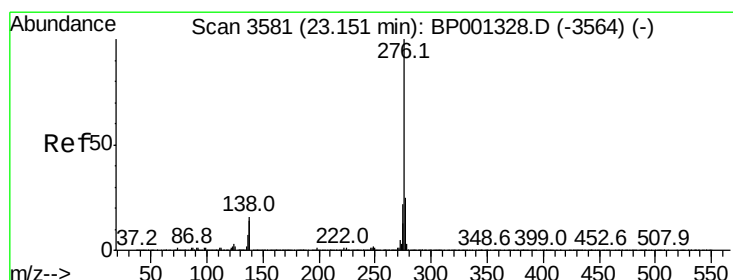
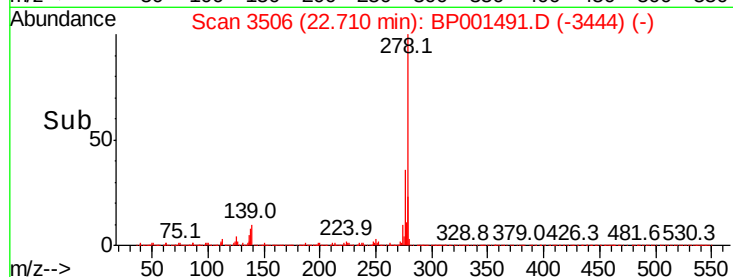
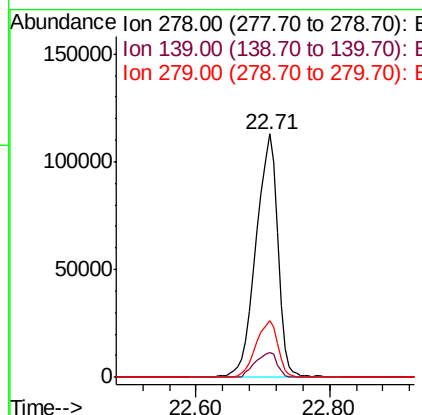
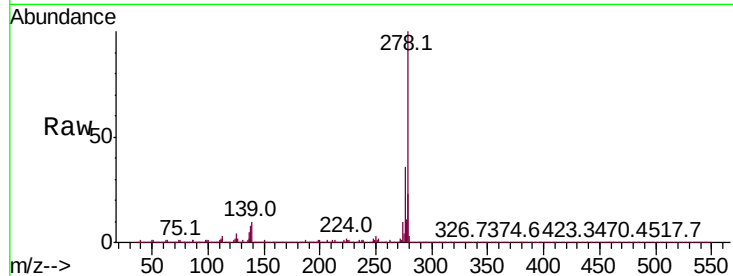
#91
Dibenzo(a,h)anthracene
Concen: 50.960 ng
RT: 22.71 min Scan# 3506
Delta R.T. 0.06 min
Lab File: BP001491.D
Acq: 28 Dec 2019 23:01

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

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

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#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

