

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001653.D
 Acq On : 17 Jan 2020 12:50
 Operator : JU
 Sample : L1148-07MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

Manual Integrations
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 1/21/2020 7:52:49 AM

Quant Time: Jan 18 02:56:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	44321	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	165147	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	118580	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	279302	20.00	ng	0.00
76) Chrysene-d12	21.15	240	243516	20.00	ng	0.00
87) Perylene-d12	23.38	264	221421	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	270350	119.49	ng	0.00
7) Phenol-d6	6.84	99	407370	112.66	ng	0.00
23) Nitrobenzene-d5	8.79	82	277169	73.34	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	171141	94.81	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	587363	72.83	ng	0.00
79) Terphenyl-d14	19.63	244	985222	74.00	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.22	88	32026	44.353	ng 96
3) Pyridine	3.59	79	94108	36.068	ng 96
4) n-Nitrosodimethylamine	3.52	42	93220	50.409	ng 96
6) Aniline	6.97	93	185204	40.962	ng 99
8) 2-Chlorophenol	7.21	128	135233	51.196	ng 95
9) Benzaldehyde	6.78	77	84874	39.296	ng 94
10) Phenol	6.86	94	199539	53.345	ng 98
11) bis(2-Chloroethyl)ether	7.08	93	139613	47.590	ng 96
12) 1,3-Dichlorobenzene	7.52	146	145920	43.948	ng 97
13) 1,4-Dichlorobenzene	7.67	146	149179	43.450	ng 95
14) 1,2-Dichlorobenzene	7.98	146	144584	43.577	ng 96
15) Benzyl Alcohol	7.88	79	154161	45.271	ng 98
16) 2,2'-oxybis(1-Chloropropan	8.17	45	261337	47.952	ng 97
17) 2-Methylphenol	8.09	107	128004	49.287	ng 99
18) Hexachloroethane	8.70	117	59830	44.639	ng 98
19) n-Nitroso-di-n-propylamine	8.45	70	123819	44.914	ng 92
20) 3+4-Methylphenols	8.42	107	171903	47.321	ng 96
22) Acetophenone	8.45	105	218195	47.132	ng 97
24) Nitrobenzene	8.83	77	187777	49.112	ng 98
25) Isophorone	9.35	82	342204	50.493	ng 99
26) 2-Nitrophenol	9.53	139	75071	51.955	ng 96
27) 2,4-Dimethylphenol	9.61	122	130001	60.223	ng 95
28) bis(2-Chloroethoxy)methane	9.84	93	188839	47.564	ng 99
29) 2,4-Dichlorophenol	10.07	162	143697	48.632	ng 99
30) 1,2,4-Trichlorobenzene	10.27	180	158581	44.458	ng 98
31) Naphthalene	10.46	128	408211	46.835	ng 99
32) Benzoic acid	9.81	122	44716	25.465	ng 96
33) 4-Chloroaniline	10.57	127	74170	18.482	ng 98
34) Hexachlorobutadiene	10.76	225	108075	42.801	ng 95
35) Caprolactam	11.36	113	47352m	44.132	ng
36) 4-Chloro-3-methylphenol	11.73	107	160437	45.243	ng 96
37) 2-Methylnaphthalene	12.08	142	308384	44.396	ng 95
38) 1-Methylnaphthalene	12.30	142	292070	43.694	ng 97
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	195441	48.114	ng 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	198795	96.480	nq	98
43) 2,4,6-Trichlorophenol	12.71	196	131083	50.036	nq	98
44) 2,4,5-Trichlorophenol	12.79	196	139086	49.961	nq	98
46) 1,1'-Biphenyl	13.11	154	419848	49.410	nq	100
47) 2-Chloronaphthalene	13.15	162	331899	46.997	nq	100
48) 2-Nitroaniline	13.36	65	134954	48.639	nq	98
49) Acenaphthylene	14.00	152	528359	48.511	nq	100
50) Dimethylphthalate	13.76	163	493136	50.491	nq	99
51) 2,6-Dinitrotoluene	13.87	165	96323	46.507	nq	97
52) Acenaphthene	14.35	154	305254	45.253	nq	98
53) 3-Nitroaniline	14.20	138	50146	22.932	nq	94
54) 2,4-Dinitrophenol	14.41	184	91466	78.543	nq	# 84
55) Dibenzofuran	14.69	168	525867	46.101	nq	98
56) 4-Nitrophenol	14.55	139	150944	86.441	nq	98
57) 2,4-Dinitrotoluene	14.66	165	135690	44.775	nq	95
58) Fluorene	15.34	166	416724	45.147	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.93	232	123352	42.910	nq	99
60) Diethylphthalate	15.13	149	435596	43.363	nq	99
61) 4-Chlorophenyl-phenylether	15.35	204	234715	44.431	nq	97
62) 4-Nitroaniline	15.37	138	91028	36.511	nq	93
63) Azobenzene	15.64	77	487700	48.589	nq	97
65) 4,6-Dinitro-2-methylphenol	15.43	198	79425	52.598	nq	91
66) n-Nitrosodiphenylamine	15.56	169	369978	50.001	nq	99
67) 4-Bromophenyl-phenylether	16.24	248	150399	47.733	nq	98
68) Hexachlorobenzene	16.36	284	166797	45.563	nq	99
69) Atrazine	16.53	200	156642	57.642	nq	97
70) Pentachlorophenol	16.71	266	169589	83.884	nq	98
71) Phenanthrene	17.09	178	698812	46.007	nq	99
72) Anthracene	17.18	178	716834	48.478	nq	99
73) Carbazole	17.46	167	620034	44.663	nq	100
74) Di-n-butylphthalate	18.03	149	765700	46.620	nq	99
75) Fluoranthene	19.07	202	871188	43.589	nq	100
77) Benzidine	19.26	184	334797	60.212	nq	98
78) Pyrene	19.42	202	880380	49.216	nq	99
80) Butylbenzylphthalate	20.32	149	337449	49.633	nq	99
81) Benzo(a)anthracene	21.13	228	791570	46.675	nq	99
82) 3,3'-Dichlorobenzidine	21.07	252	231722	36.437	nq	97
83) Chrysene	21.19	228	760701	46.026	nq	98
84) Bis(2-ethylhexyl)phthalate	21.09	149	479144	51.409	nq	99
85) Di-n-octyl phthalate	21.96	149	776882	52.276	nq	96
86) Indeno(1,2,3-cd)pyrene	25.64	276	633228	32.730	nq	# 97
88) Benzo(b)fluoranthene	22.72	252	689924	49.447	nq	99
89) Benzo(k)fluoranthene	22.76	252	691989	50.866	nq	99
90) Benzo(a)pyrene	23.29	252	609950	46.041	nq	98
91) Dibenzo(a,h)anthracene	25.66	278	544679	39.849	nq	99
92) Benzo(g,h,i)perylene	26.33	276	516722	38.027	nq	98

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

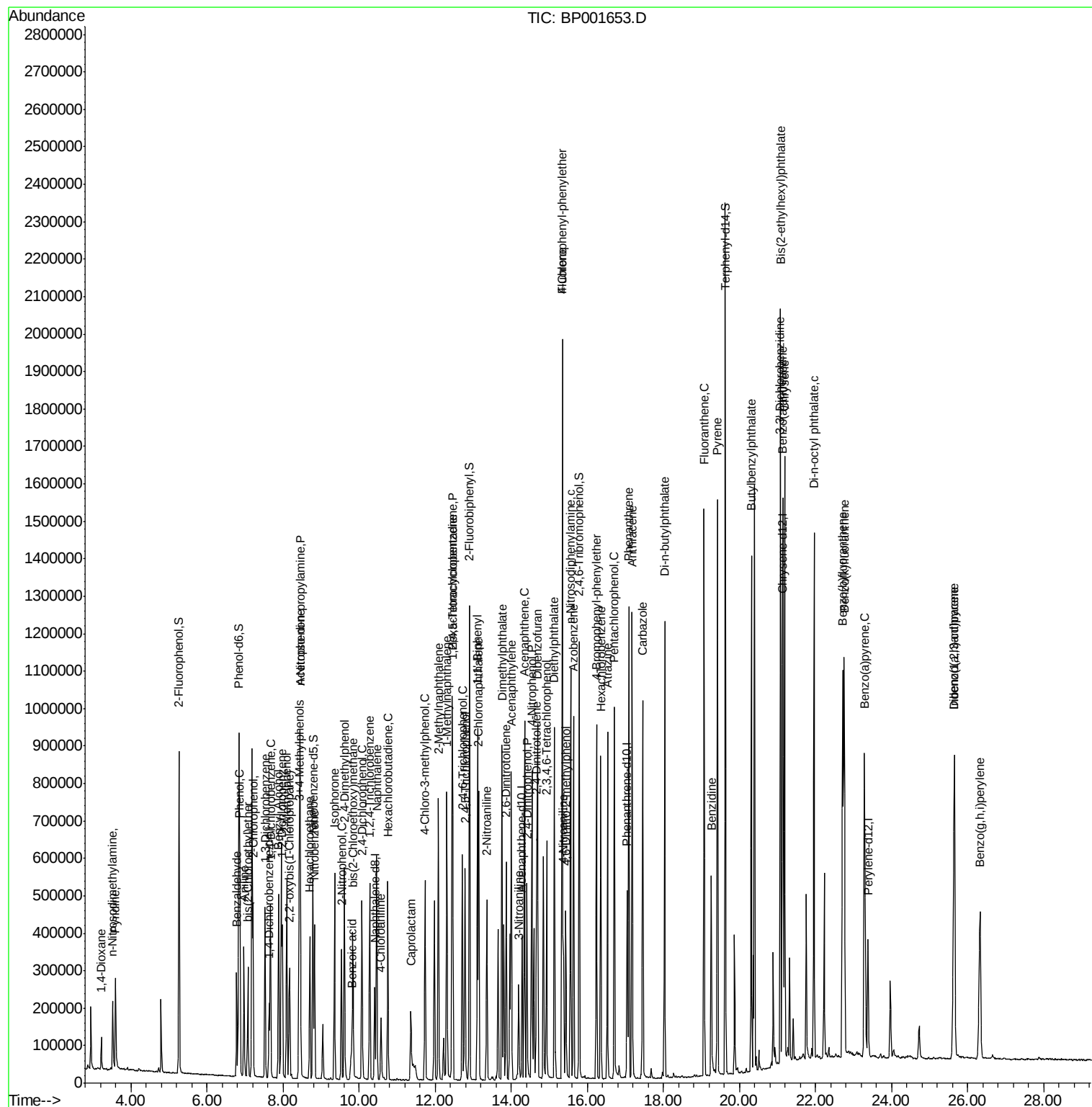
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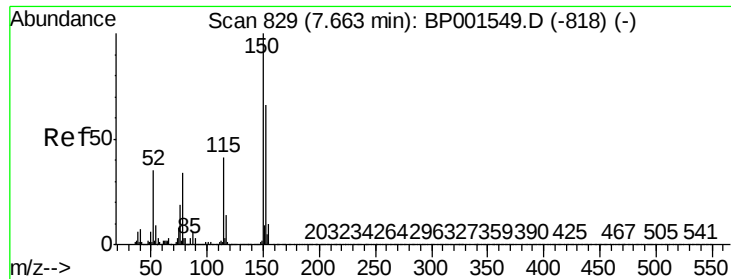
Instrument :
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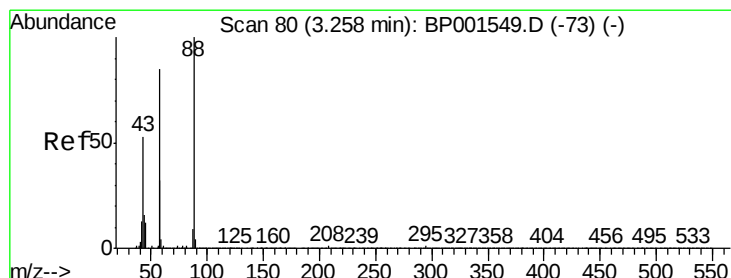
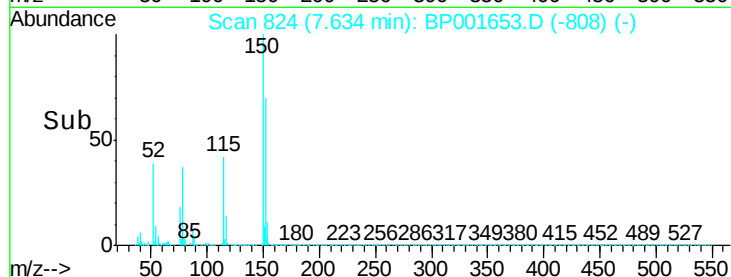
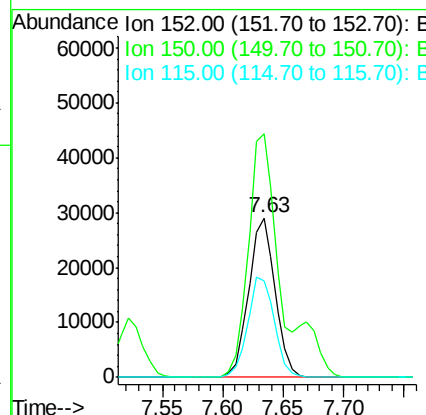
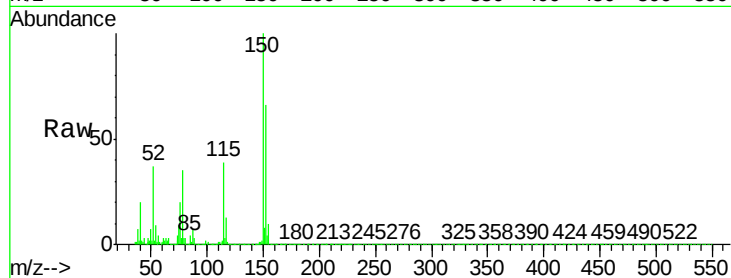
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.0	183.0
115	60.1	50.7	76.1

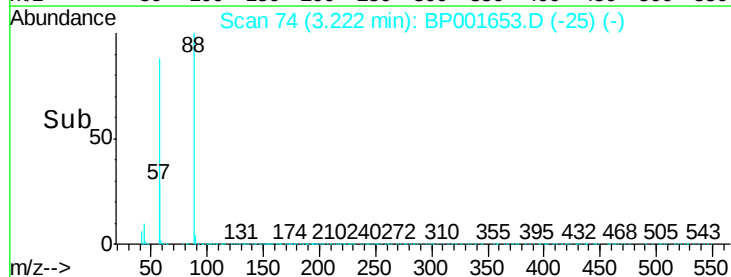
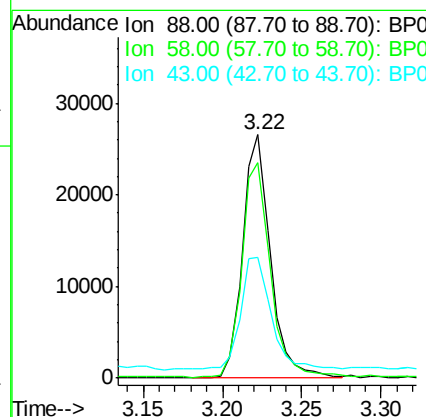
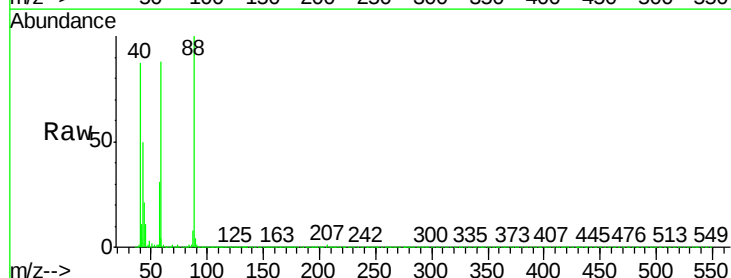
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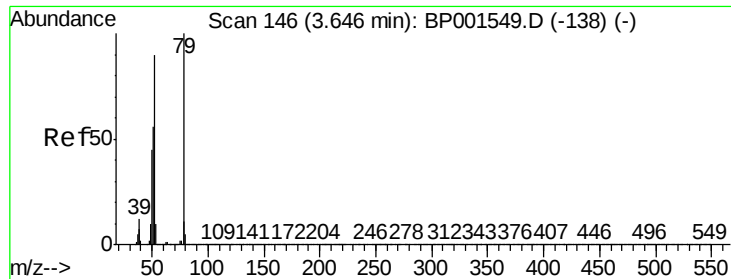
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#2
1,4-Dioxane
Concen: 44.353 ng
RT: 3.22 min Scan# 74
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.6	69.5	104.3
43	51.0	40.3	60.5





#3

Pvridine

Concen: 36.068 ng

RT: 3.59 min Scan# 137

Delta R.T. -0.02 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Instrument :

BNA_P

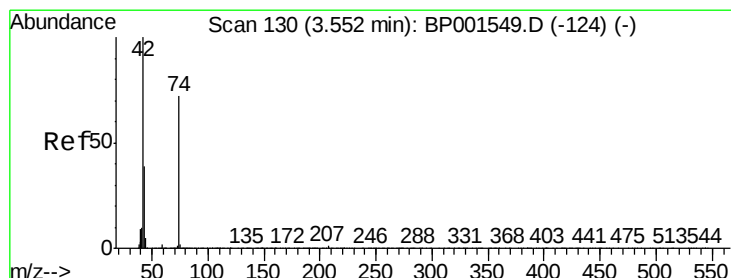
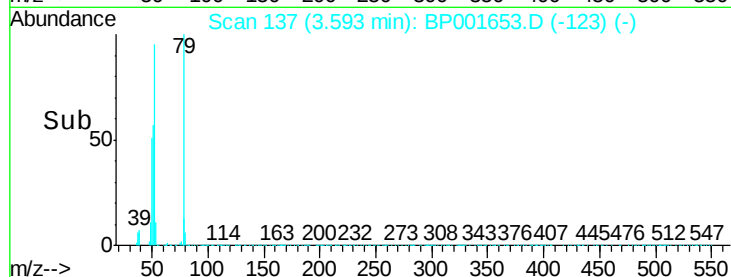
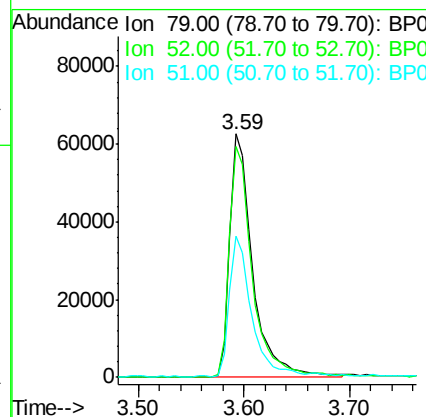
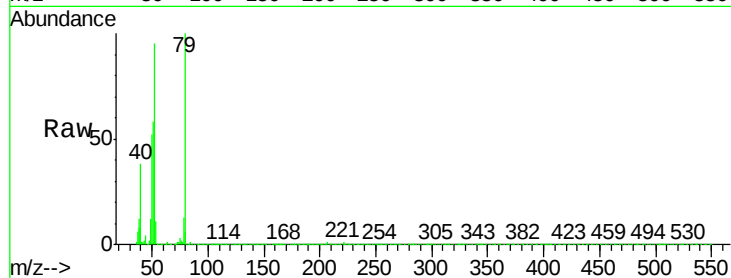
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	79	Resp:	94108
Ion	Ratio	Lower	Upper
79	100		
52	94.8	72.1	108.1
51	57.8	44.8	67.2

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#4

n-Nitrosodimethylamine

Concen: 50.409 ng

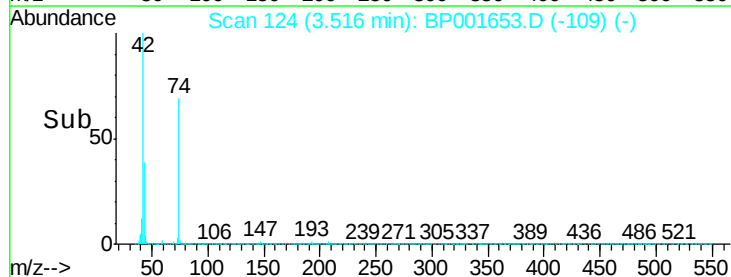
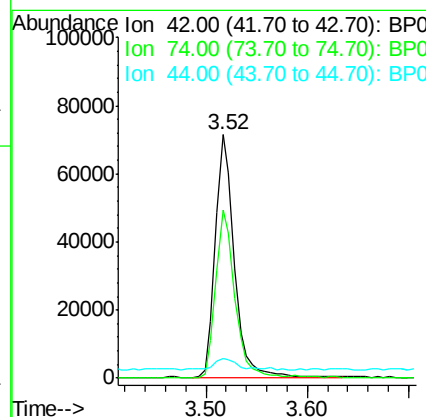
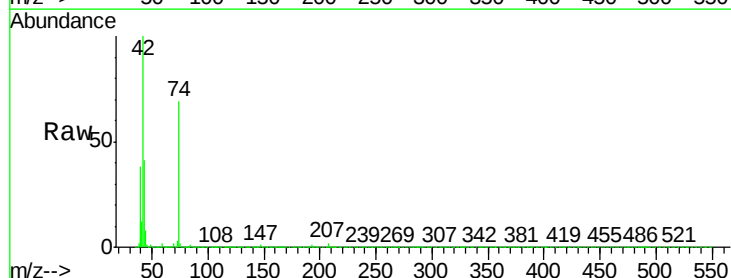
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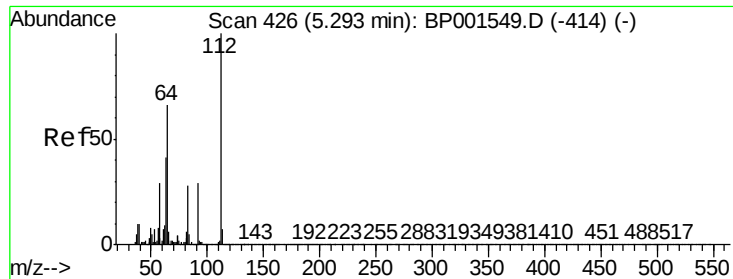
Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Tgt Ion:	42	Resp:	93220
Ion	Ratio	Lower	Upper
42	100		
74	69.3	58.0	87.0
44	7.8	6.7	10.1





#5

2-Fluorophenol

Concen: 119.489 ng

RT: 5.26 min Scan# 421

Delta R.T. -0.00 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Instrument :

BNA_P

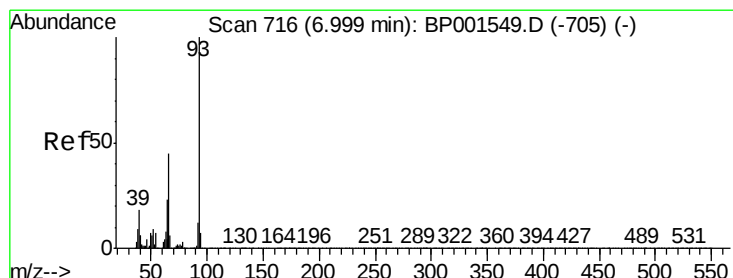
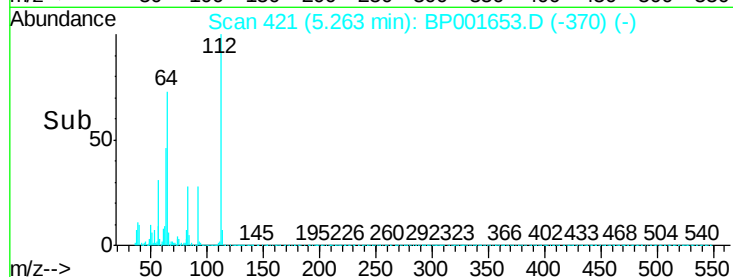
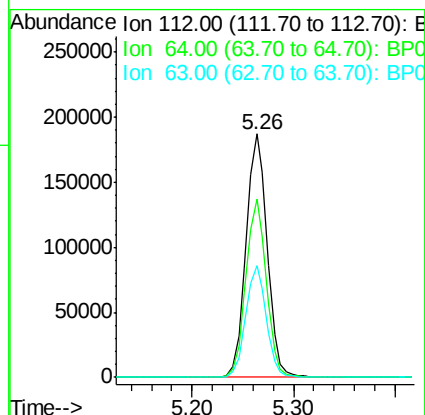
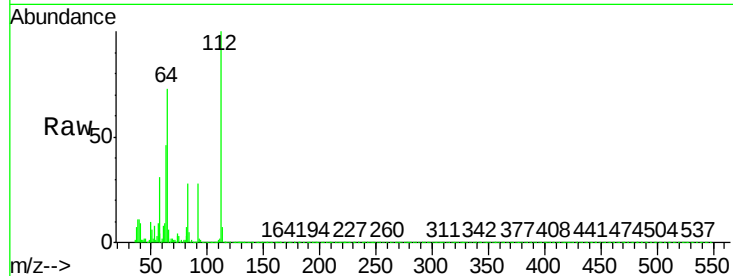
ClientSampleId :

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Tot Ion:	112	Resp:	270350
Ion Ratio	Lower	Upper	
112	100		
64	73.2	52.8	79.2
63	46.0	33.1	49.7

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#6

Aniline

Concen: 40.962 ng

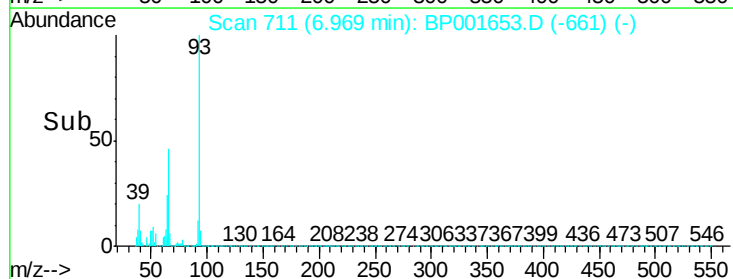
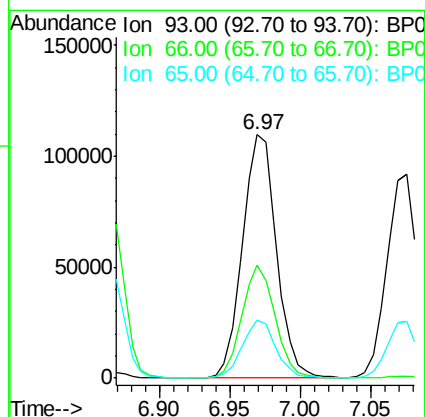
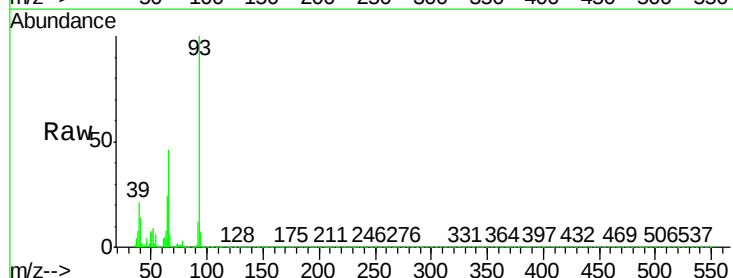
RT: 6.97 min Scan# 711

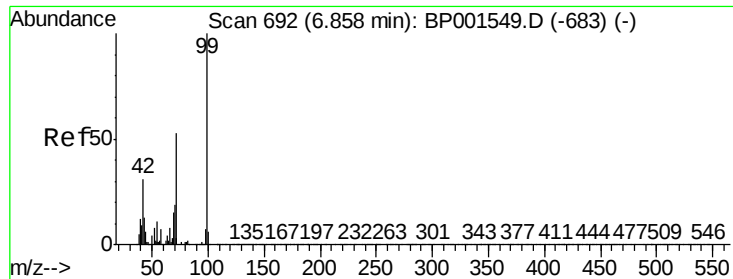
Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Tgt Ion:	93	Resp:	185204
Ion Ratio	Lower	Upper	
93	100		
66	46.2	36.4	54.6
65	23.9	18.5	27.7





#7

Phenol-d6

Concen: 112.658 ng

RT: 6.84 min Scan# 689

Delta R.T. 0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Instrument :

BNA_P

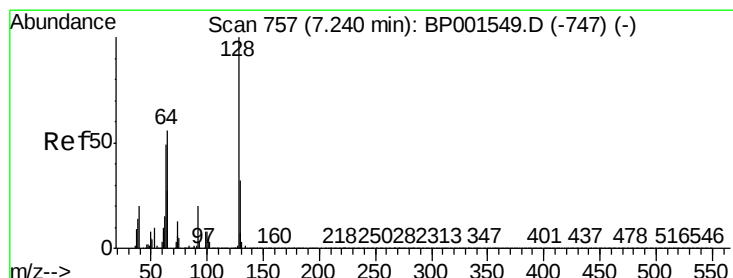
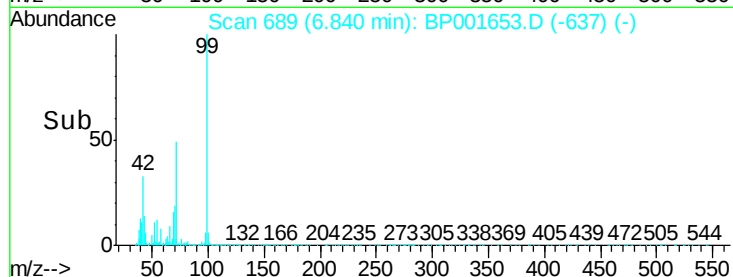
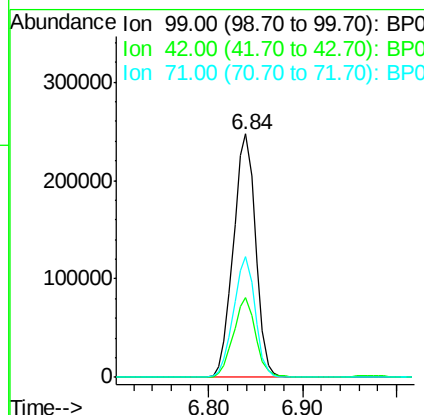
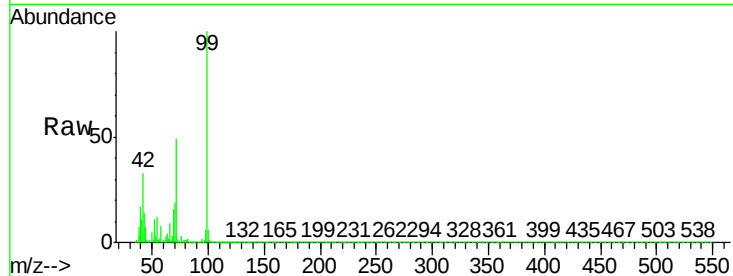
ClientSampleId :

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Tot Ion:	99	Resp:	407370
Ion Ratio	Lower	Upper	
99	100		
42	32.8	24.5	36.7
71	49.4	42.4	63.6

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#8

2-Chlorophenol

Concen: 51.196 ng

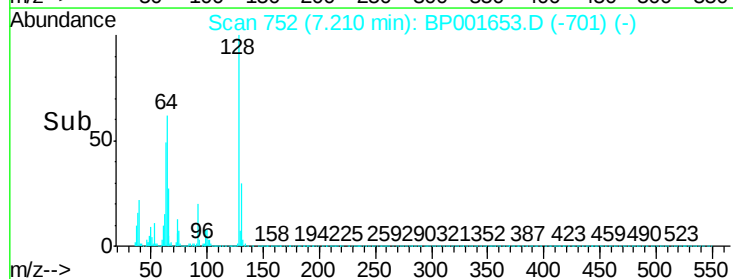
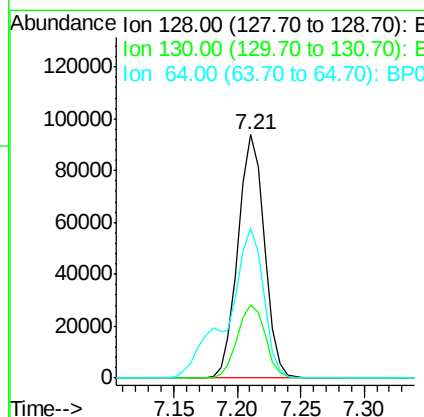
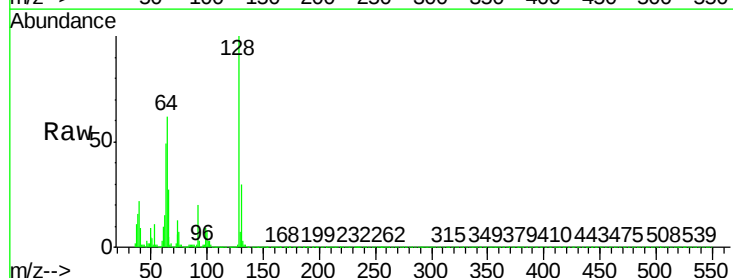
RT: 7.21 min Scan# 752

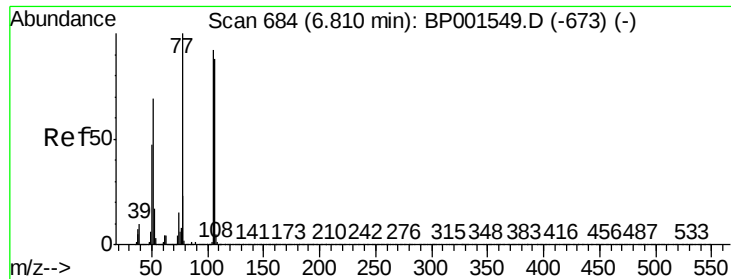
Delta R.T. -0.00 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Tgt Ion:	128	Resp:	135233
Ion Ratio	Lower	Upper	
128	100		
130	30.3	11.8	51.8
64	61.8	37.2	77.2





#9

Benzaldehyde

Concen: 39.296 ng

RT: 6.78 min Scan# 679

Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Instrument :

BNA_P

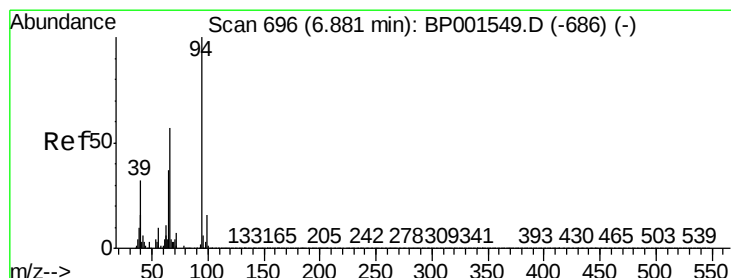
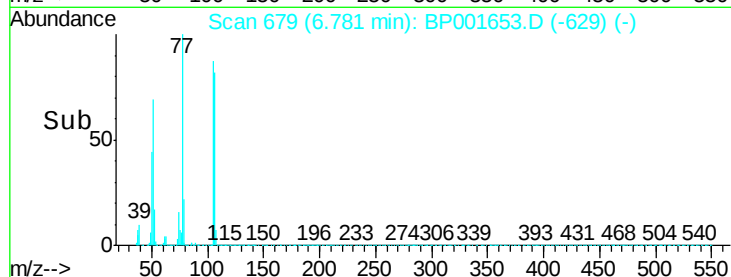
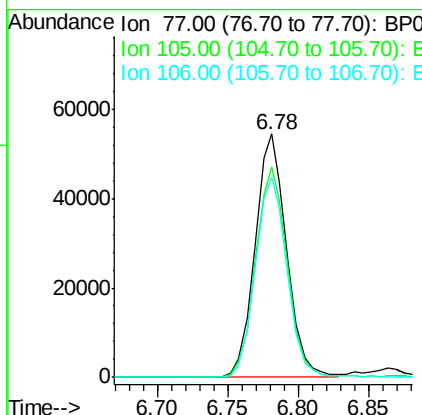
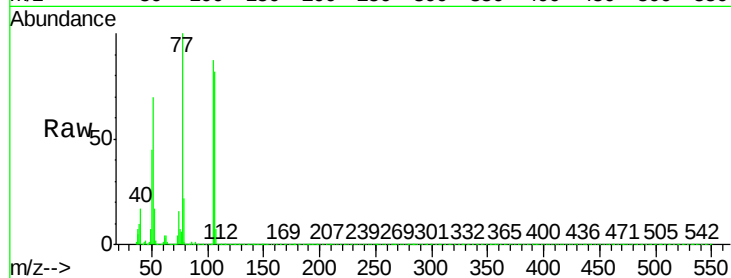
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Tot Ion:	77	Resp:	84874
Ion Ratio	Lower	Upper	
77	100		
105	86.5	71.6	111.6
106	82.3	67.7	107.7

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#10

Phenol

Concen: 53.345 ng

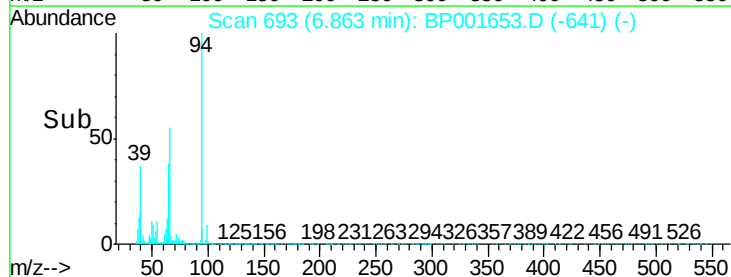
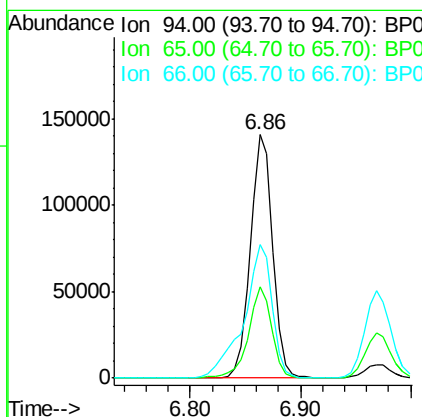
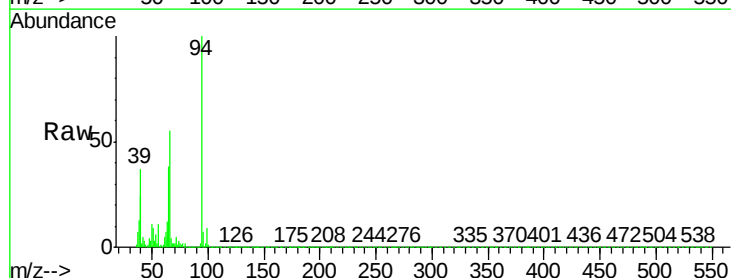
RT: 6.86 min Scan# 693

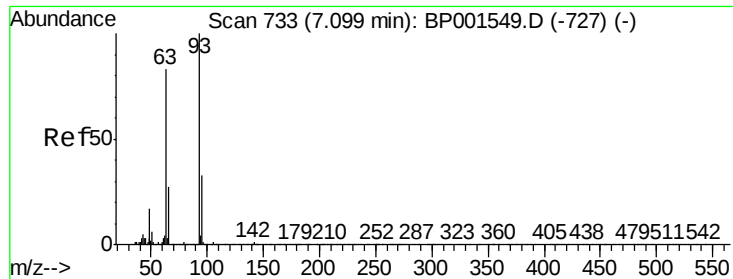
Delta R.T. 0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Tgt Ion:	94	Resp:	199539
Ion Ratio	Lower	Upper	
94	100		
65	37.6	17.5	57.5
66	54.9	36.7	76.7





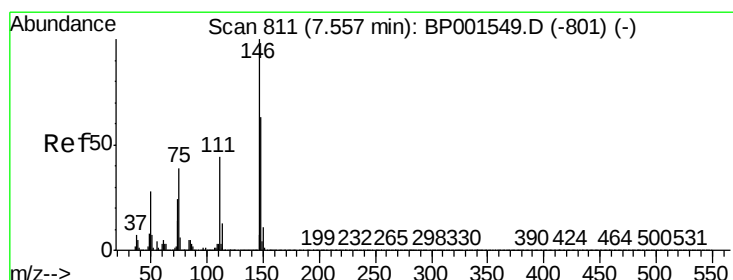
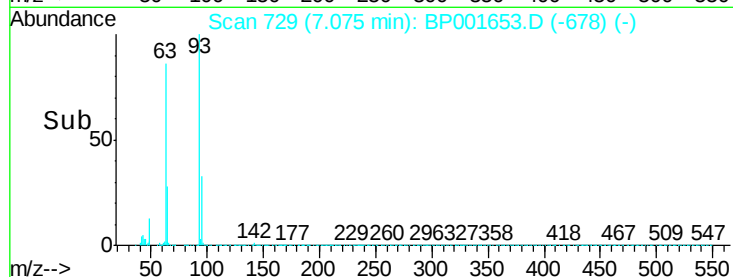
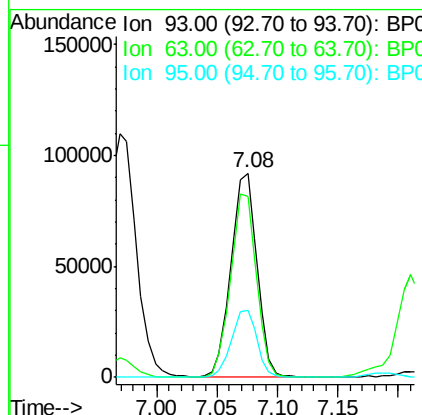
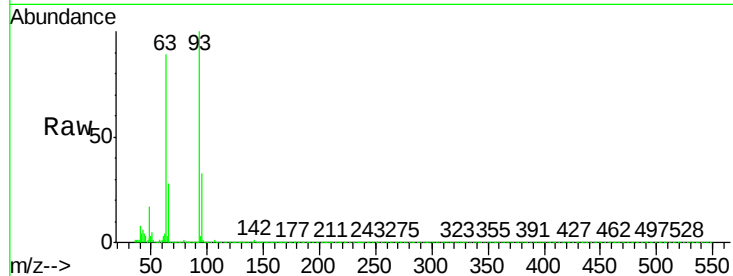
#11
bis(2-Chloroethyl)ether
Concen: 47.590 ng
RT: 7.08 min Scan# 729
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		139613		
63	88.7	63.2	103.2		
95	32.6	12.6	52.6		

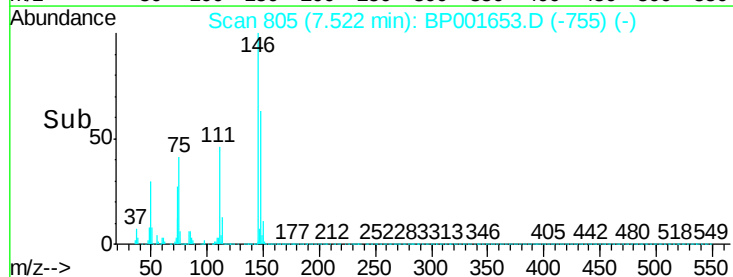
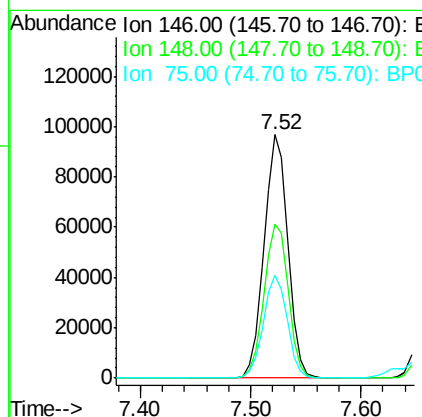
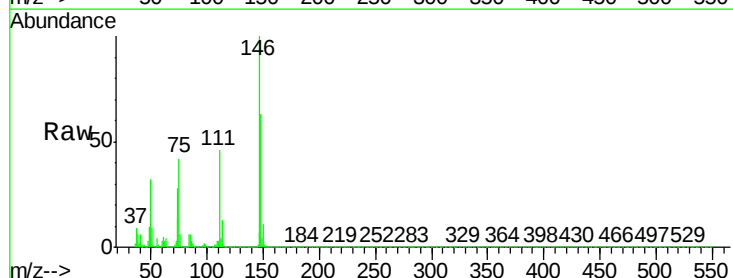
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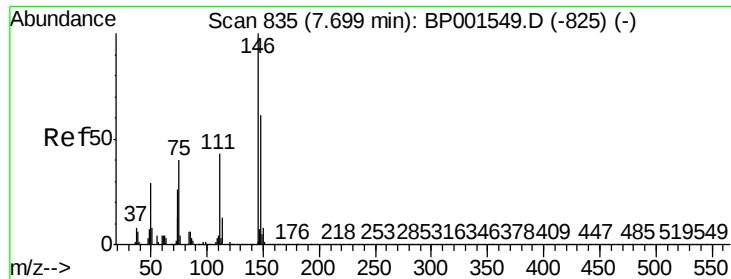
mohammad
1/21/2020 7:52:49 AM



#12
1,3-Dichlorobenzene
Concen: 43.948 ng
RT: 7.52 min Scan# 805
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		145920		
148	63.4	50.2	75.2		
75	42.4	31.1	46.7		





#13

1,4-Dichlorobenzene

Concen: 43.450 ng

RT: 7.67 min Scan# 830

Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Instrument :

BNA_P

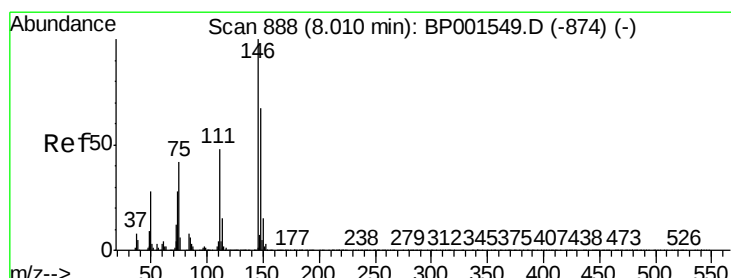
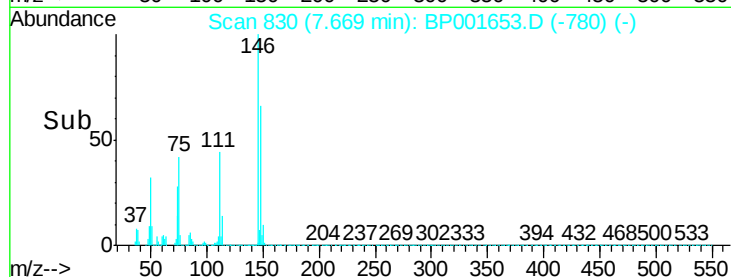
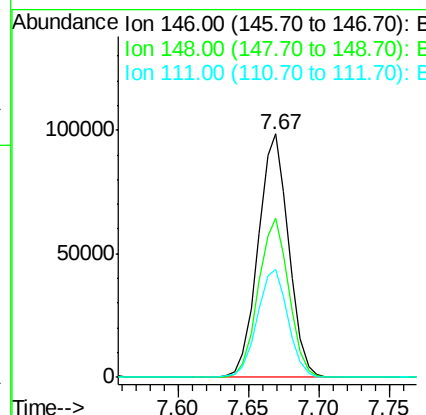
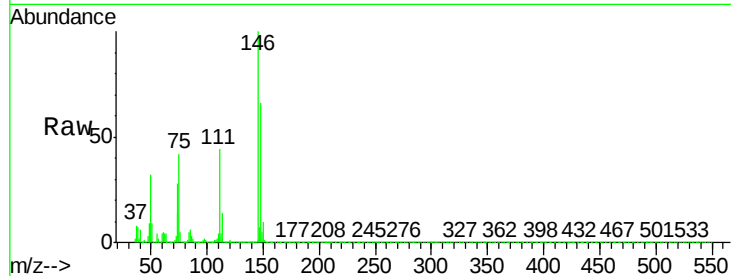
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	146	Resp:	149179
Ion Ratio	Lower	Upper	
146	100		
148	65.6	48.6	73.0
111	44.2	34.3	51.5

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#14

1,2-Dichlorobenzene

Concen: 43.577 ng

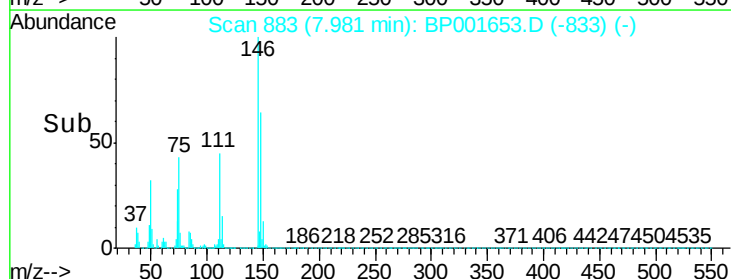
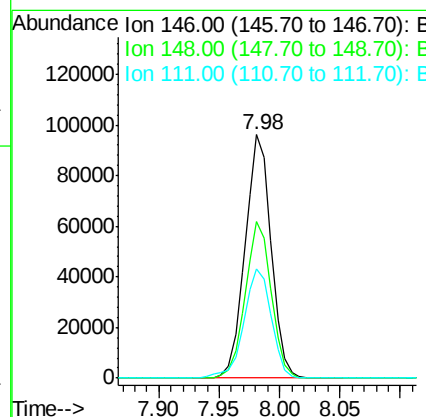
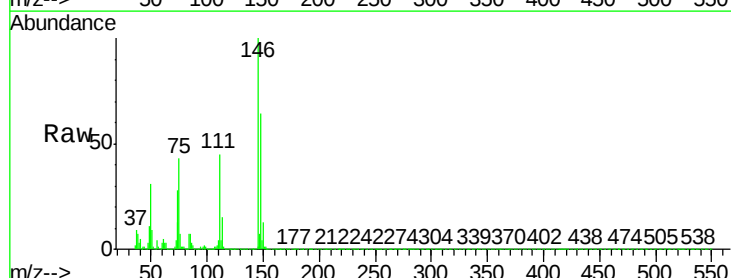
RT: 7.98 min Scan# 883

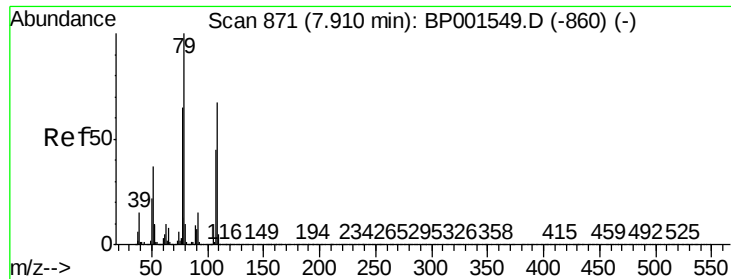
Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Tgt Ion:	146	Resp:	144584
Ion Ratio	Lower	Upper	
146	100		
148	64.3	53.9	80.9
111	44.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 45.271 ng

RT: 7.88 min Scan# 866

Delta R.T. -0.00 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Instrument :

BNA_P

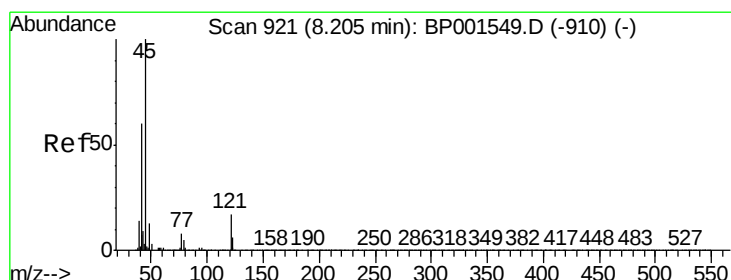
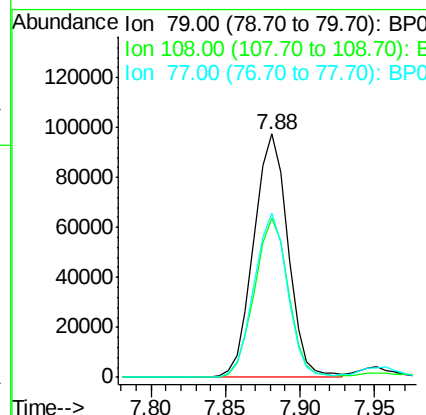
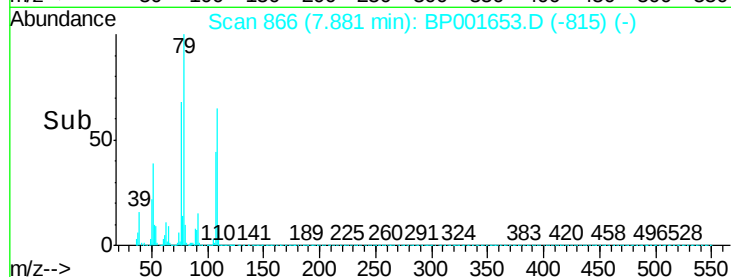
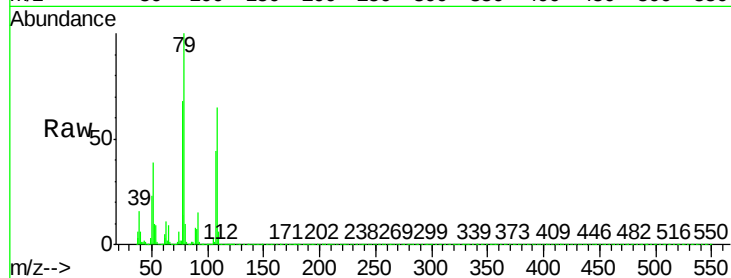
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	79	Resp:	154161
Ion Ratio	Lower	Upper	
79	100		
108	65.4	53.2	79.8
77	67.6	52.1	78.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.952 ng

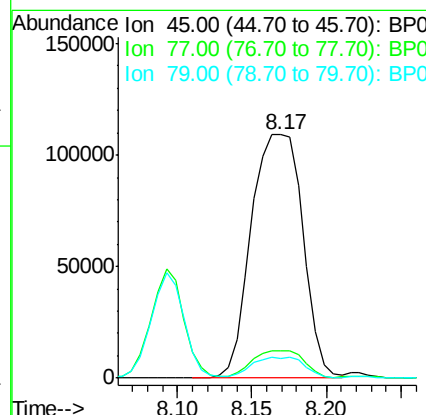
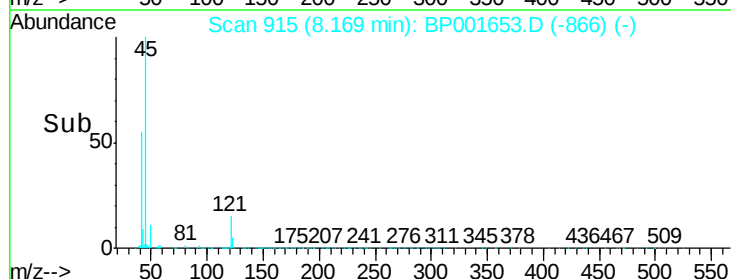
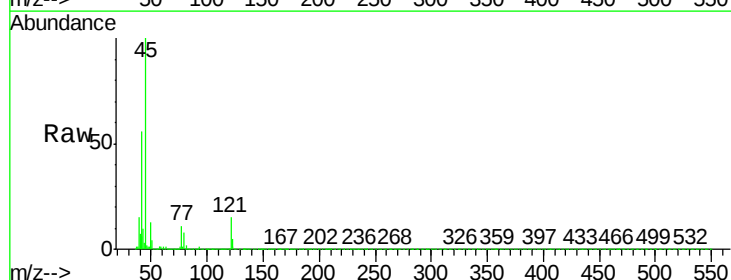
RT: 8.17 min Scan# 915

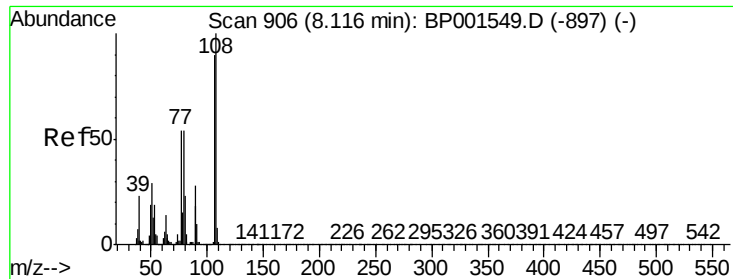
Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Tgt Ion:	45	Resp:	261337
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	32.6
79	8.3	0.0	29.3





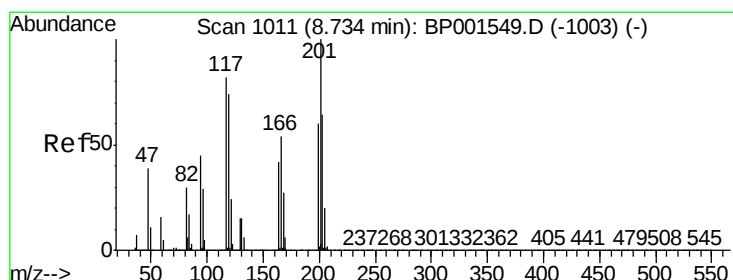
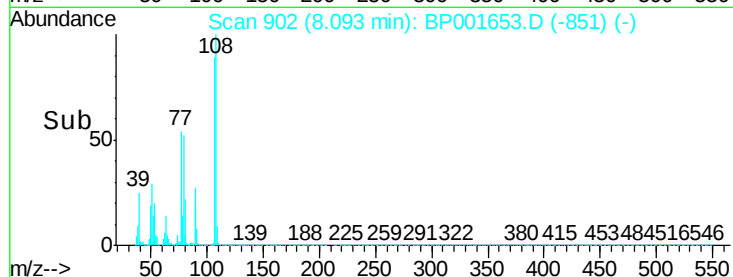
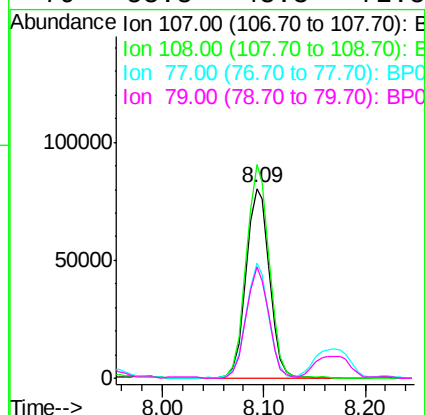
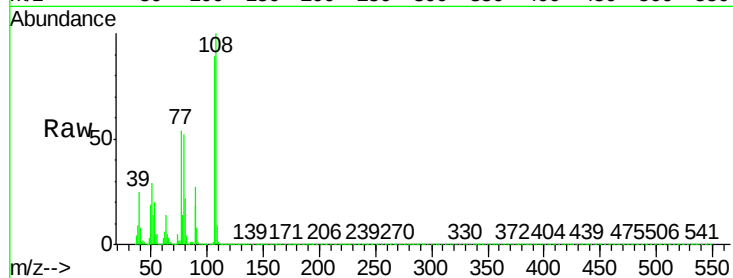
#17
2-Methylphenol
Concen: 49.287 ng
RT: 8.09 min Scan# 902
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	89.2	133.8	
77	60.4	47.9	71.9	
79	58.8	48.3	72.5	

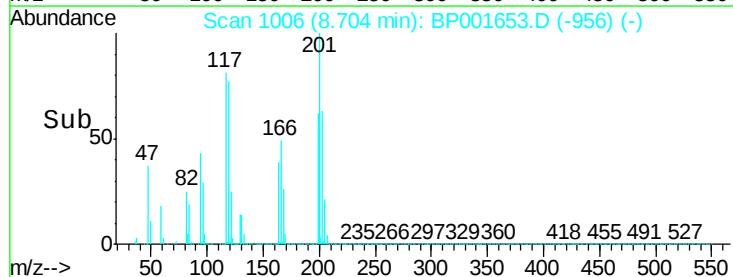
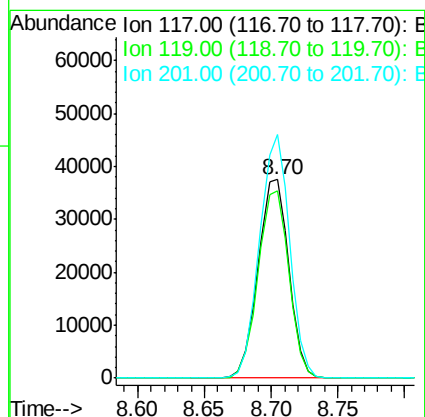
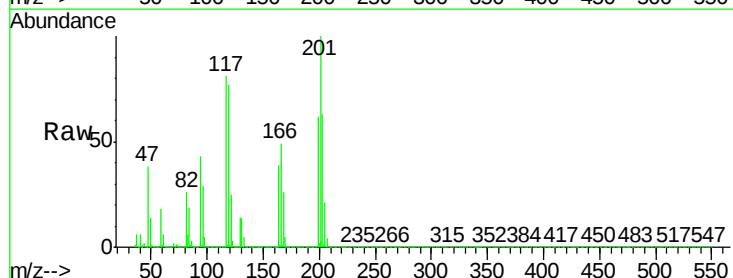
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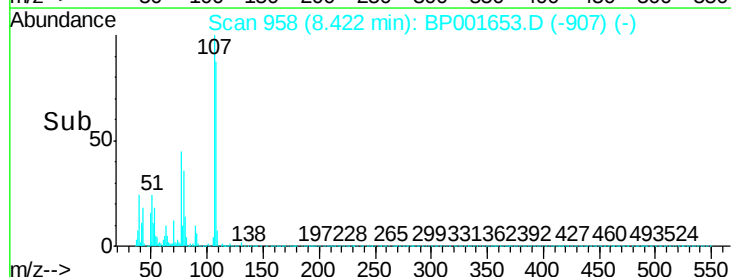
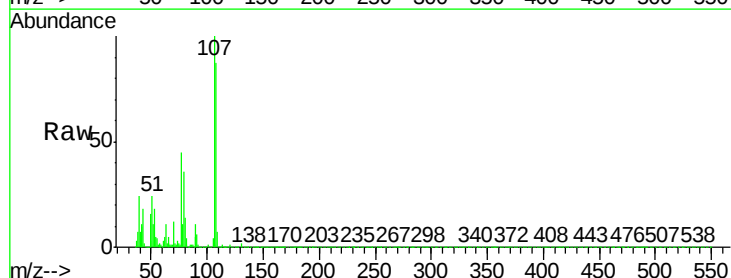
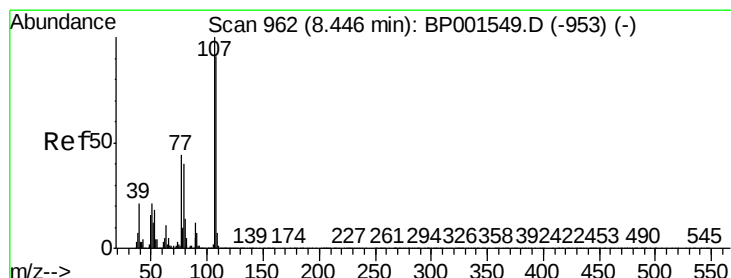
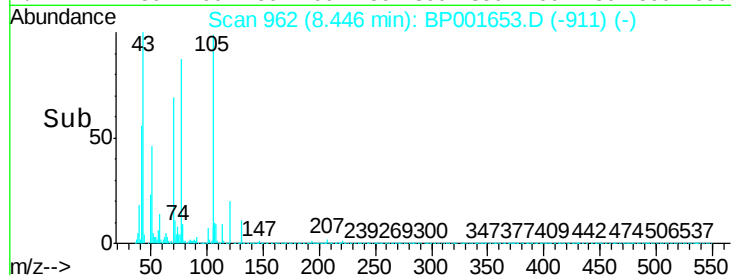
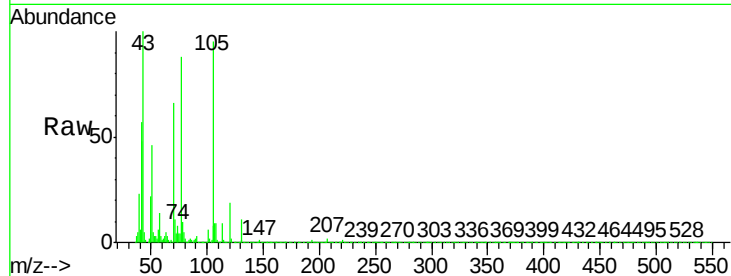
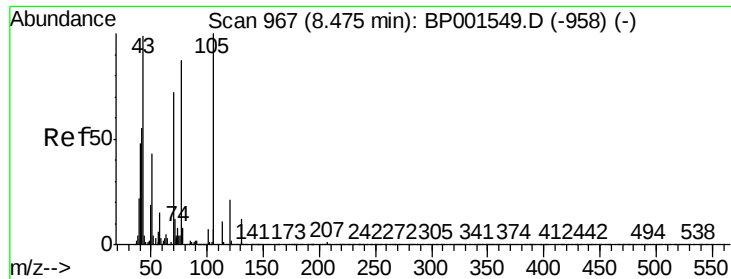
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#18
Hexachloroethane
Concen: 44.639 ng
RT: 8.70 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	71.8	107.8	
201	122.7	97.6	146.4	





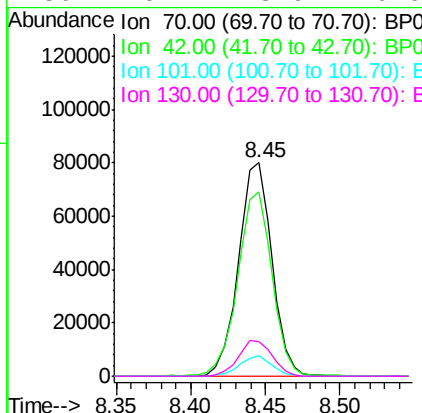
#19
n-Nitroso-di-n-propylamine
Concen: 44.914 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	86.3	62.3	93.5
101	9.5	7.3	10.9
130	16.2	13.9	20.9

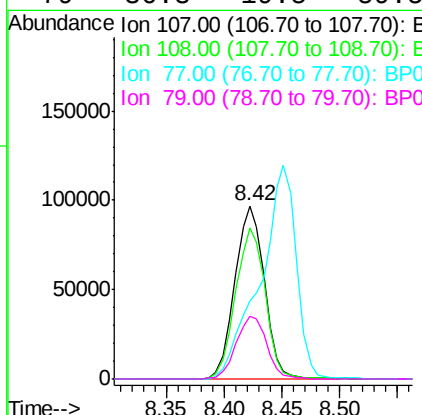
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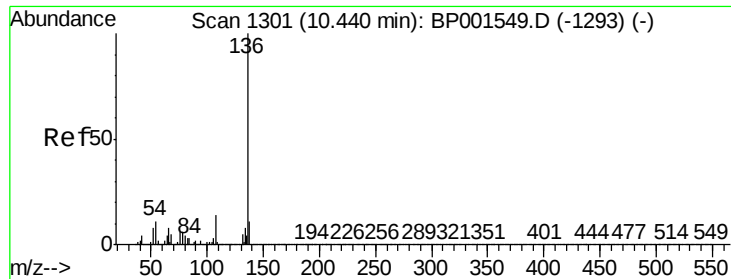
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#20
3+4-Methylphenols
Concen: 47.321 ng
RT: 8.42 min Scan# 958
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	71.2	111.2
77	45.0	24.4	64.4
79	36.3	19.5	59.5





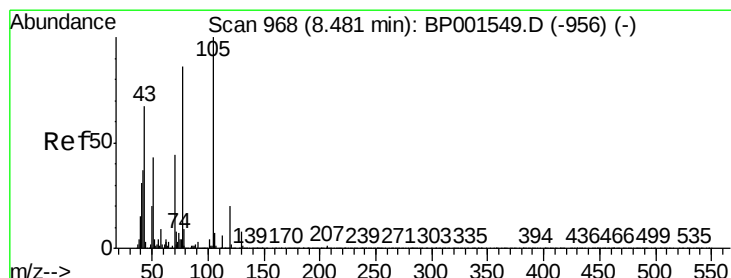
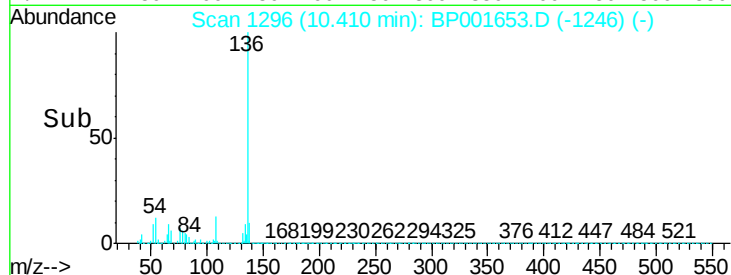
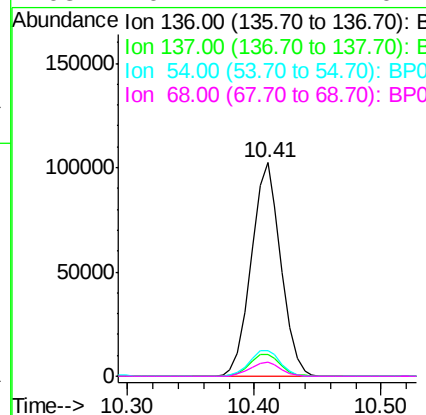
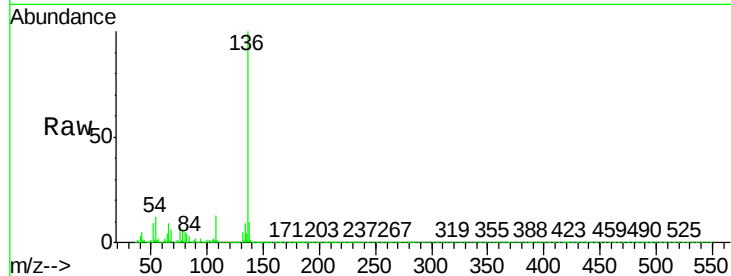
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		165147		
137	10.4	8.6	12.8		
54	11.8	9.2	13.8		
68	6.4	4.1	6.1#		

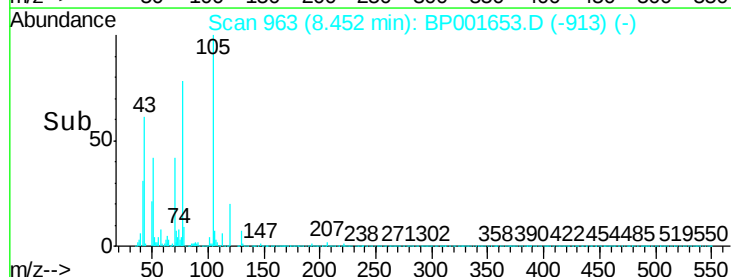
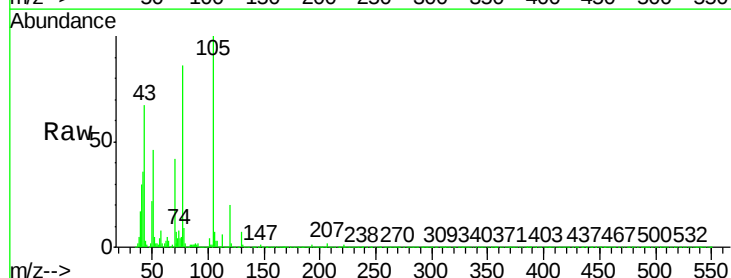
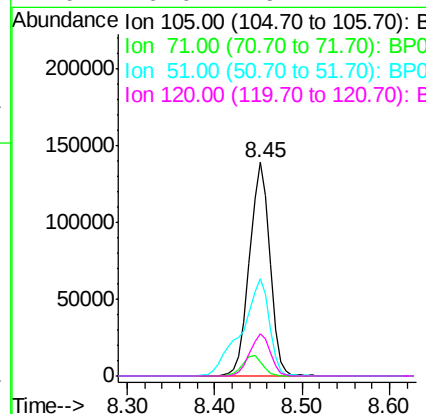
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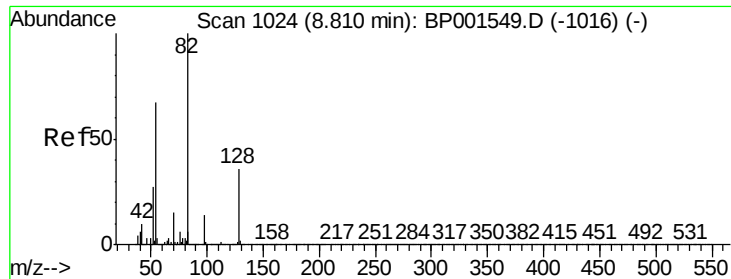
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#22
Acetophenone
Concen: 47.132 ng
RT: 8.45 min Scan# 963
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		218195		
71	6.8	6.6	10.0		
51	45.6	34.1	51.1		
120	20.0	16.1	24.1		





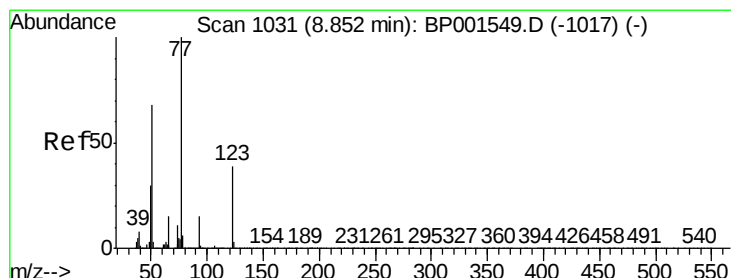
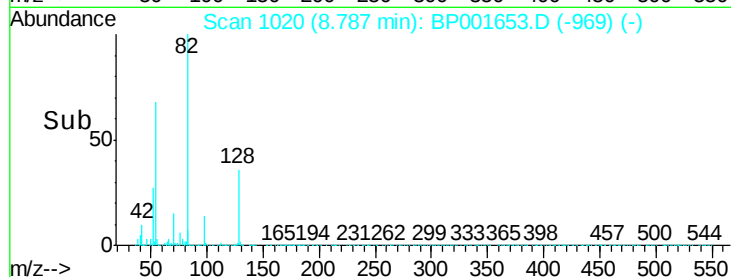
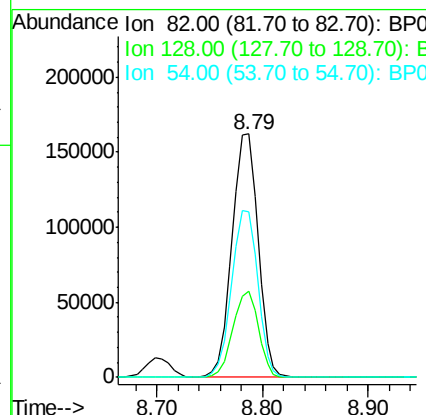
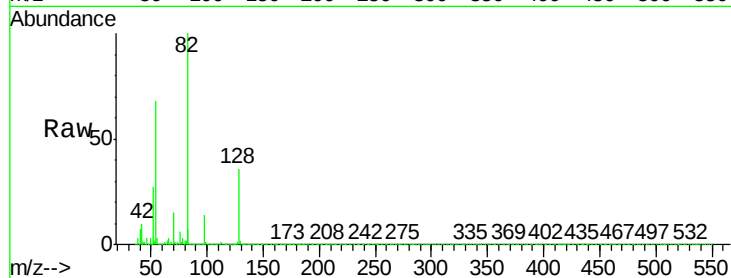
#23
 Nitrobenzene-d5
 Concen: 73.338 ng
 RT: 8.79 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BP001653.D
 Acq: 17 Jan 2020 12:50

Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	28.4	42.6
54	67.8	53.4	80.2

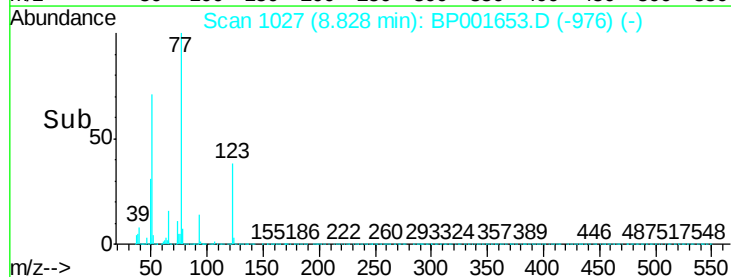
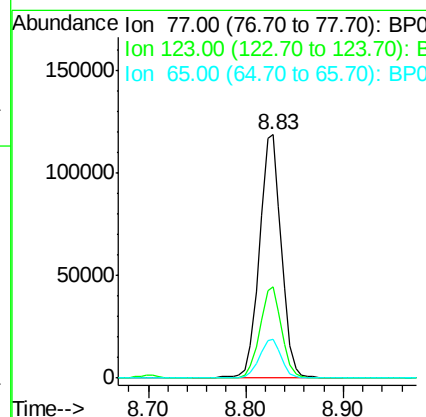
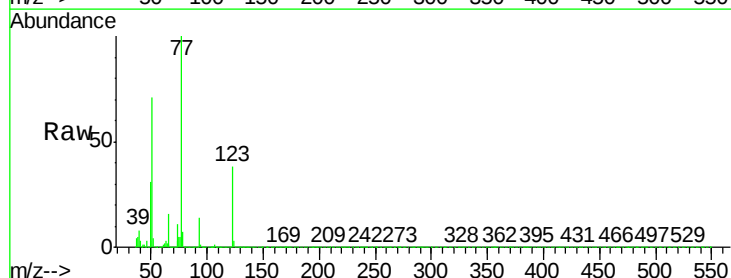
Manual Integrations
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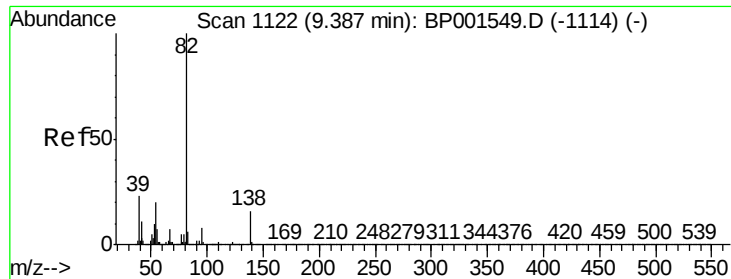
mohammad
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#24
 Nitrobenzene
 Concen: 49.112 ng
 RT: 8.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BP001653.D
 Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.5	31.1	46.7
65	15.7	12.4	18.6





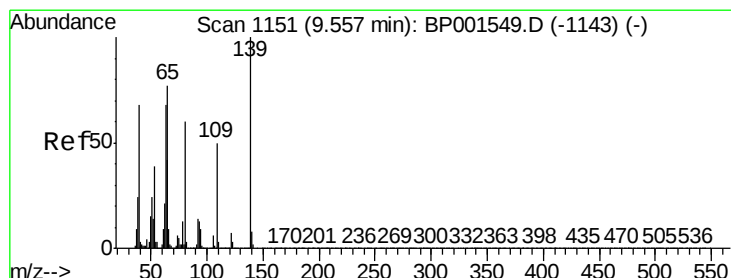
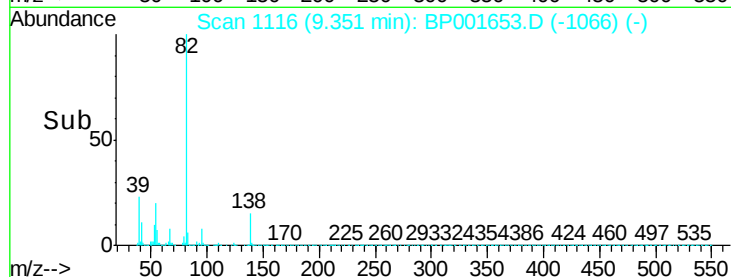
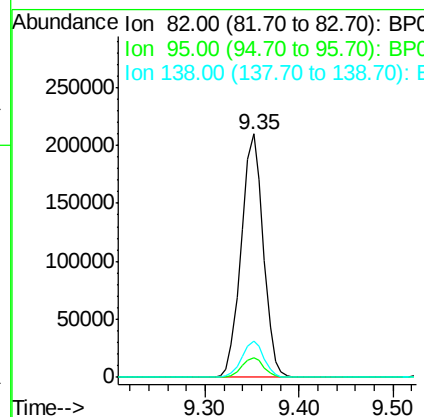
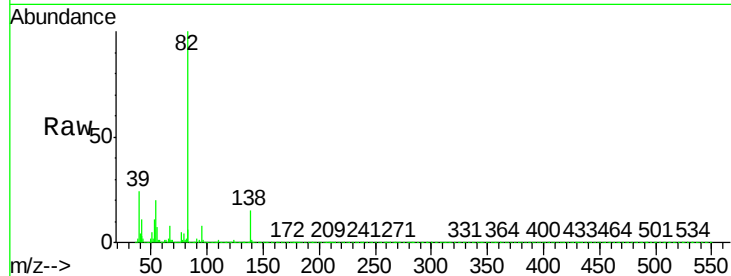
#25
Isophorone
Concen: 50.493 ng
RT: 9.35 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.7	10.1
138	14.9	12.5	18.7

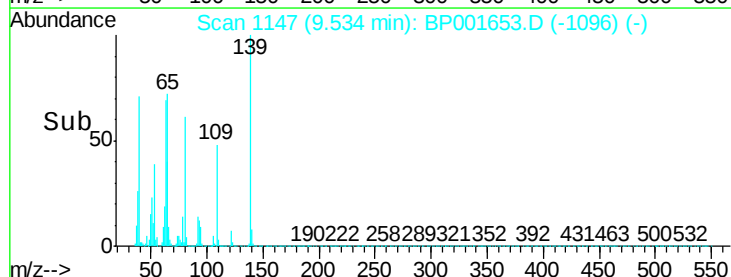
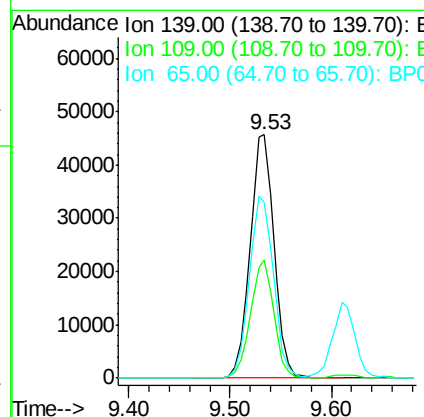
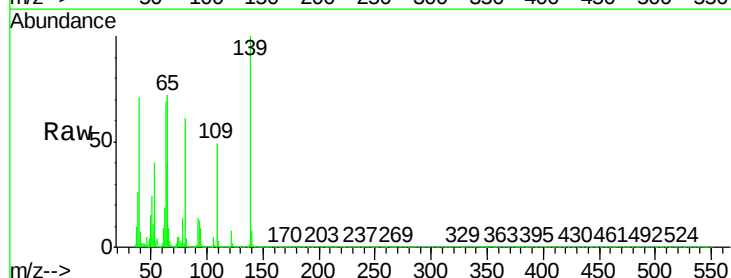
Manual Integrations
APPROVED

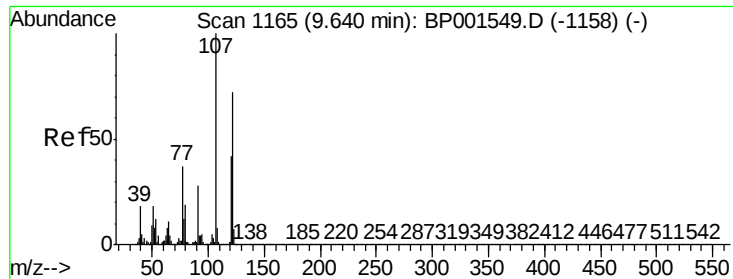
mohammad
1/21/2020 7:52:49 AM



#26
2-Nitrophenol
Concen: 51.955 ng
RT: 9.53 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	48.5	39.6	59.4
65	72.4	61.3	91.9





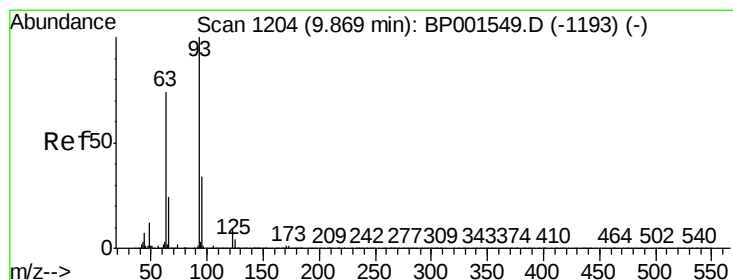
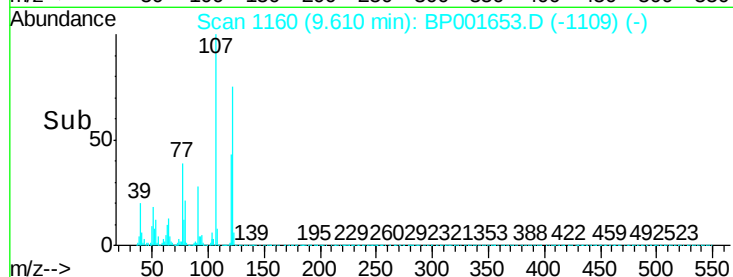
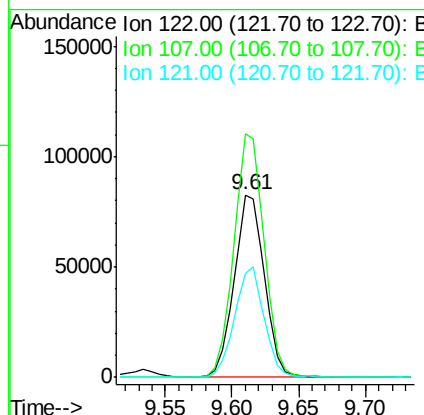
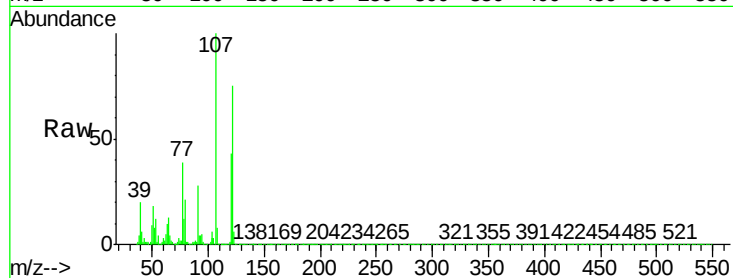
#27
2,4-Dimethylphenol
Concen: 60.223 ng
RT: 9.61 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	133.2	111.8	167.6	
121	57.1	47.4	71.0	

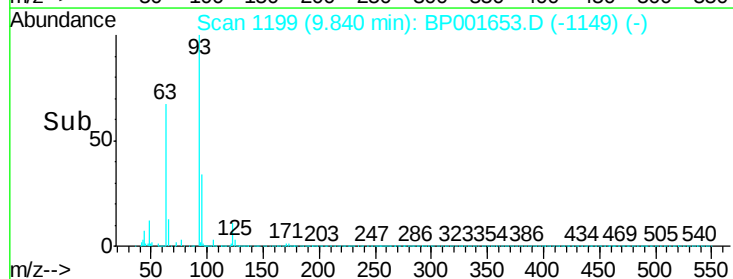
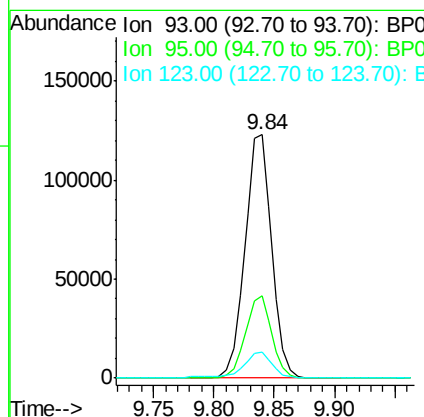
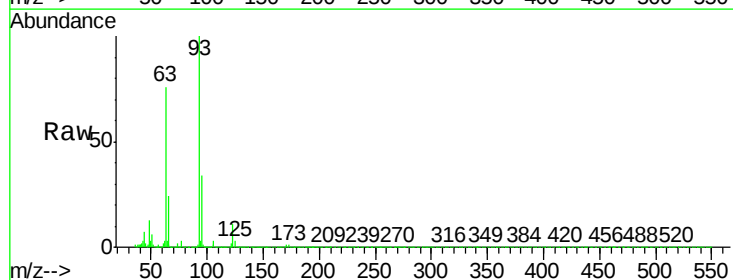
Manual Integrations
APPROVED

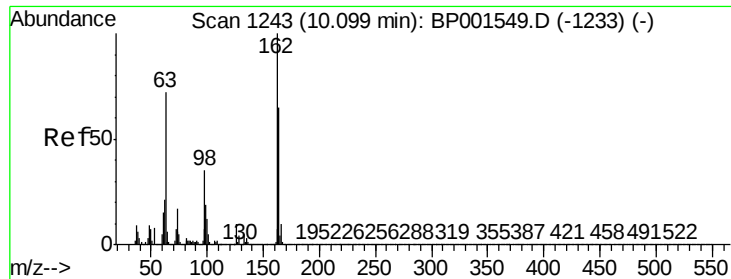
mohammad
1/21/2020 7:52:49 AM



#28
bis(2-Chloroethoxy)methane
Concen: 47.564 ng
RT: 9.84 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.9	26.9	40.3	
123	10.9	8.0	12.0	





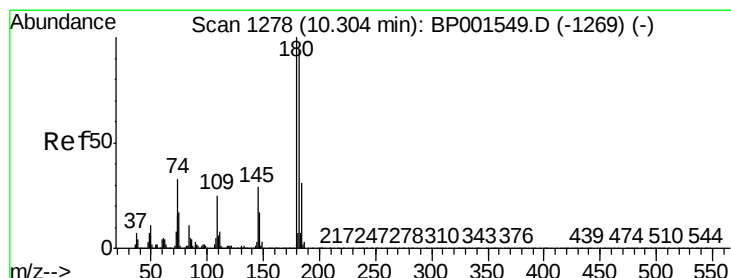
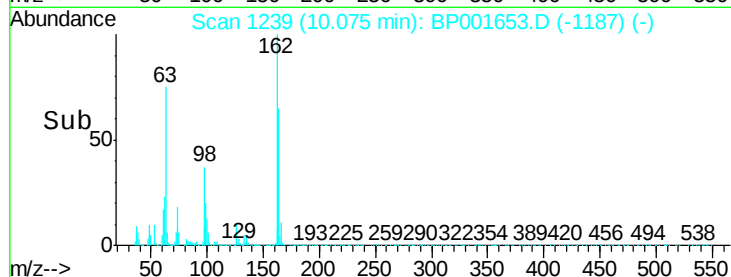
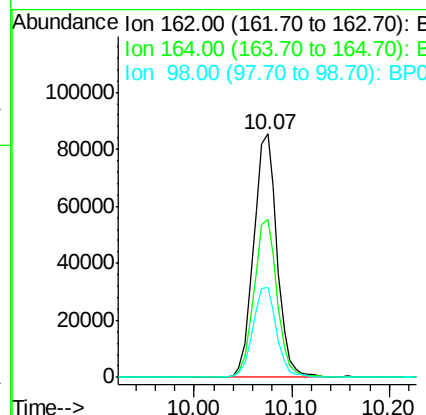
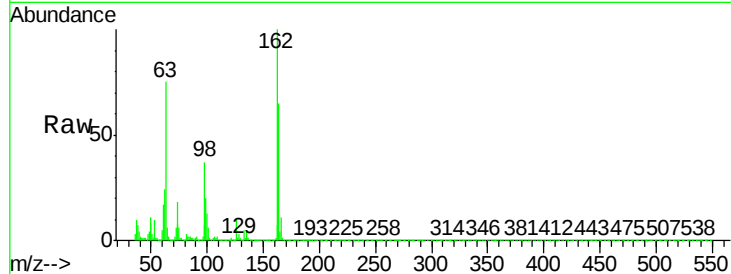
#29
2,4-Dichlorophenol
Concen: 48.632 ng
RT: 10.07 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion:	162	Resp:	143697
Ion Ratio		Lower	Upper
162	100		
164	64.9	44.9	84.9
98	37.1	14.9	54.9

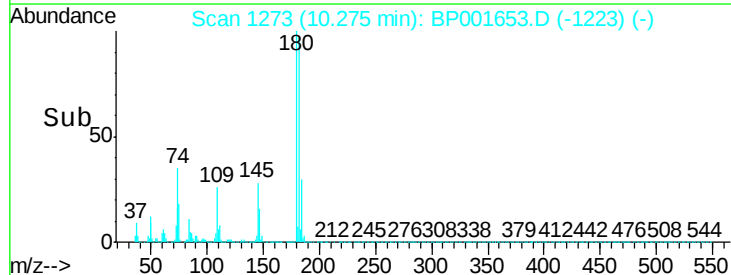
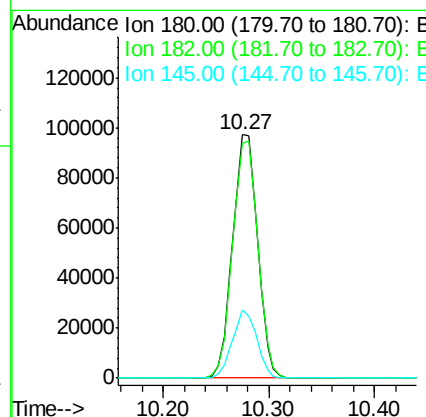
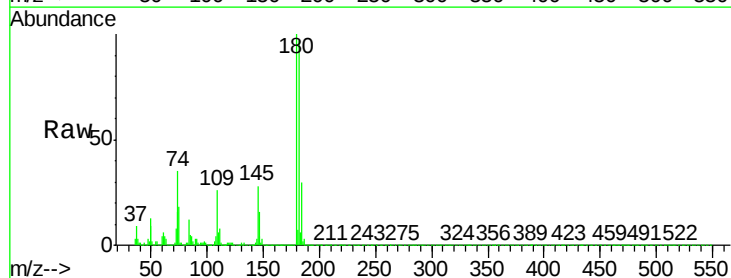
Manual Integrations
APPROVED

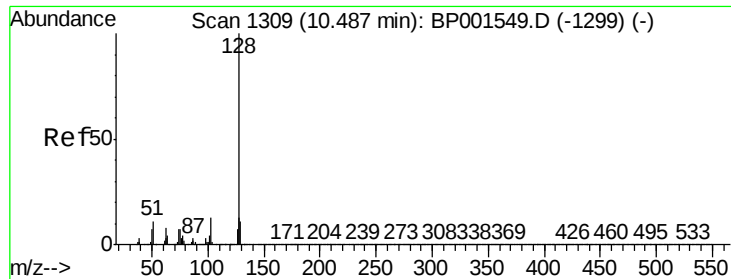
mohammad
1/21/2020 7:52:49 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.458 ng
RT: 10.27 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion:	180	Resp:	158581
Ion Ratio		Lower	Upper
180	100		
182	96.6	75.2	112.8
145	28.1	22.9	34.3





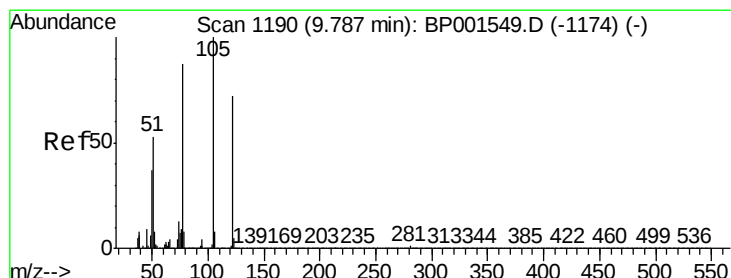
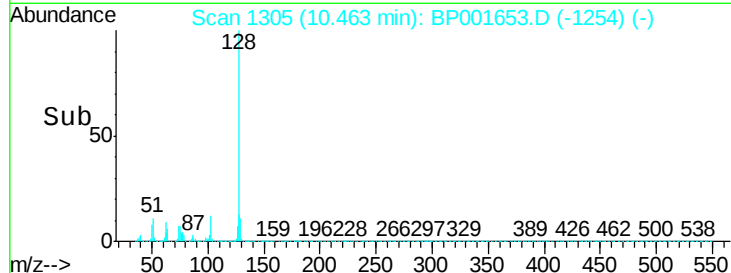
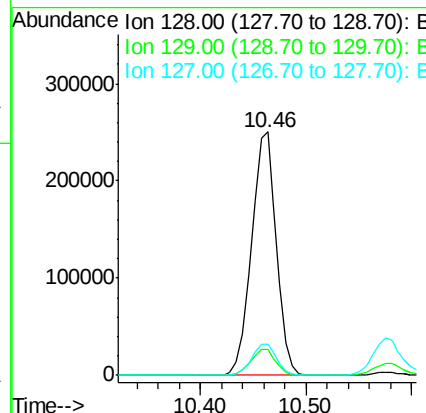
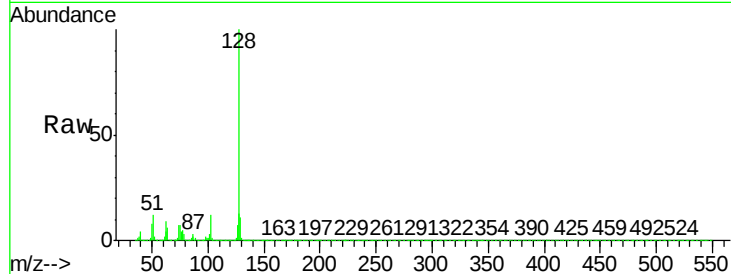
#31
Naphthalene
Concen: 46.835 ng
RT: 10.46 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.7	10.6	16.0

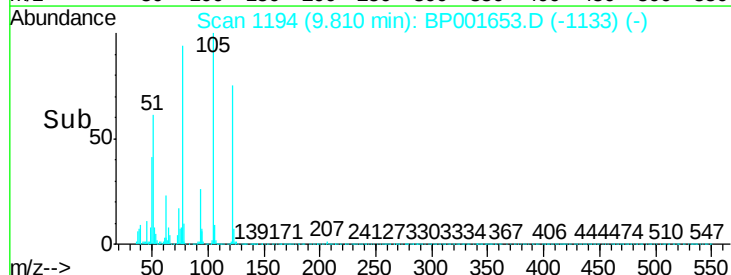
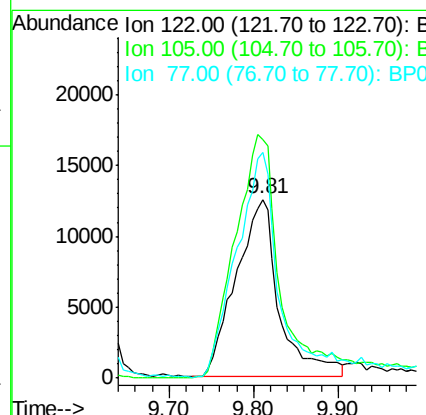
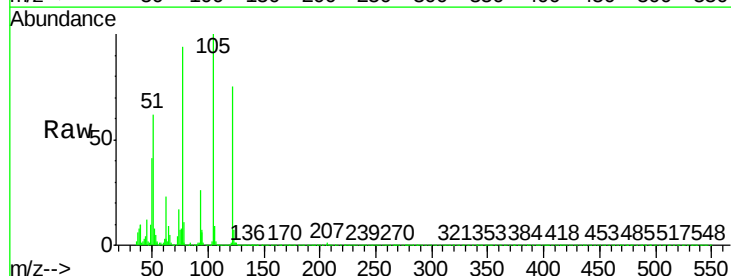
Manual Integrations
APPROVED

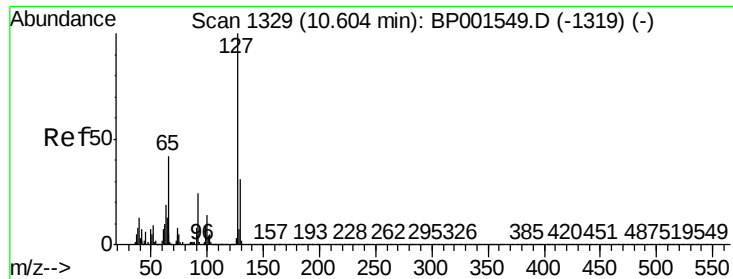
mohammad
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#32
Benzoic acid
Concen: 25.465 ng
RT: 9.81 min Scan# 1194
Delta R.T. 0.06 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.4	119.5	159.5
77	125.9	102.8	142.8





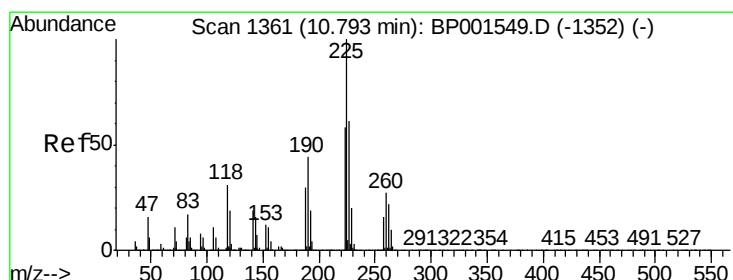
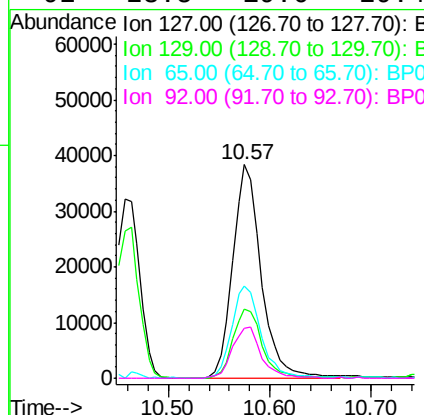
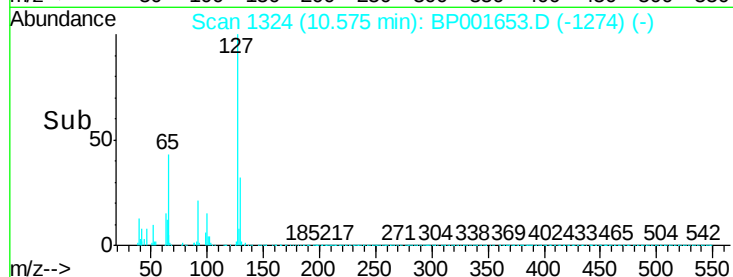
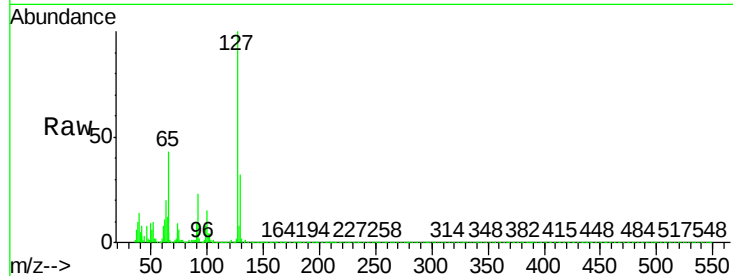
#33
4-Chloroaniline
Concen: 18.482 ng
RT: 10.57 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.9	37.3
65	43.0	33.3	49.9
92	23.5	19.6	29.4

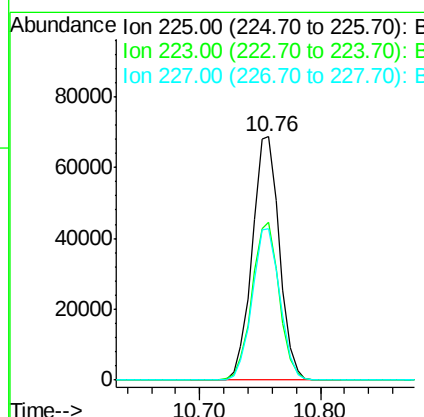
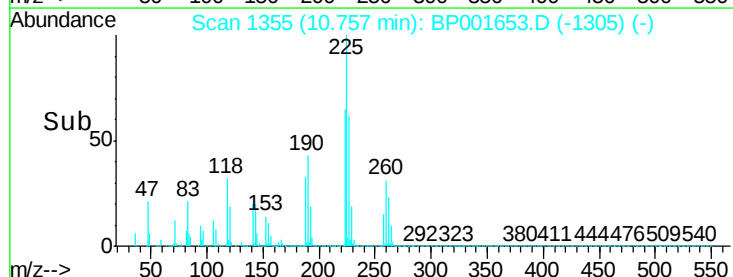
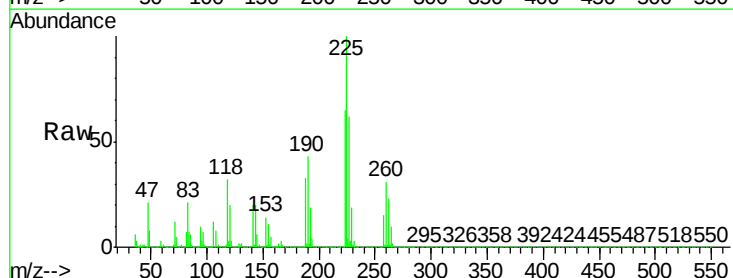
Manual Integrations
APPROVED

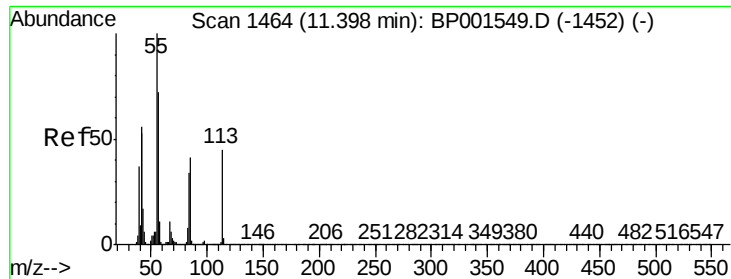
mohammad
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#34
Hexachlorobutadiene
Concen: 42.801 ng
RT: 10.76 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	46.5	69.7
227	62.1	48.8	73.2





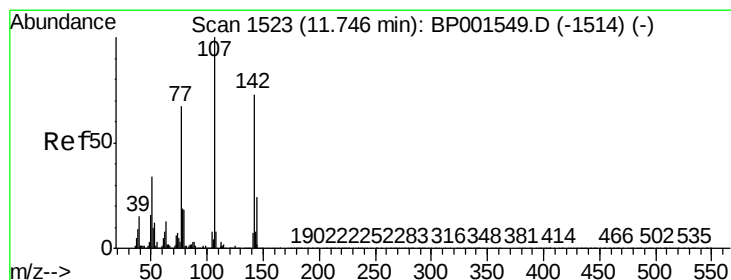
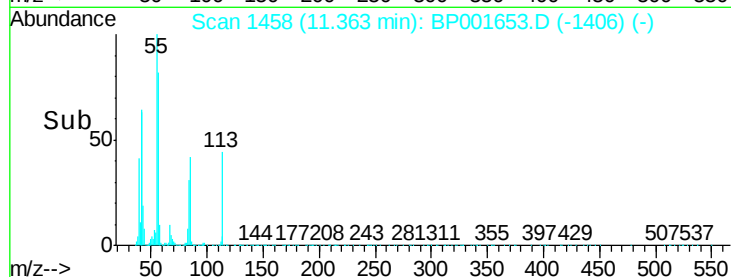
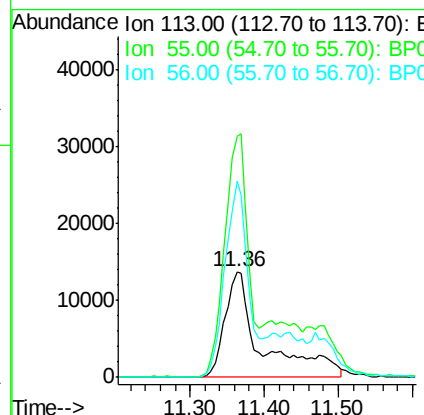
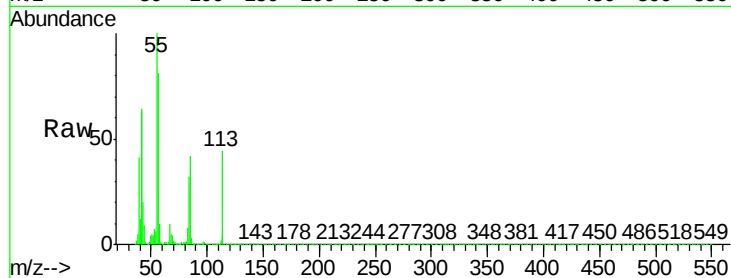
#35
Caprolactam
Concen: 44.132 ng/ml
RT: 11.36 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	227.6	202.7	242.7	
56	185.5	140.0	180.0	

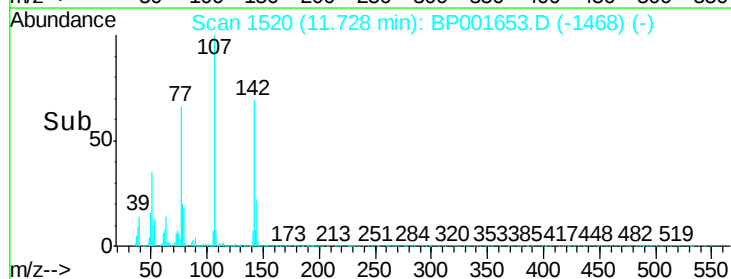
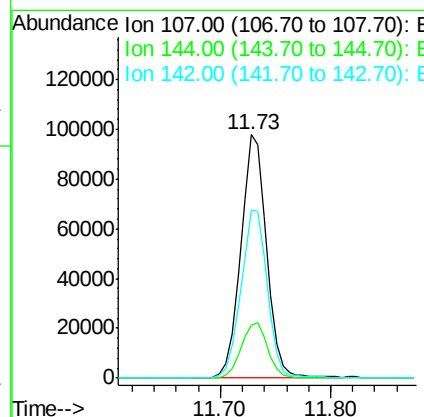
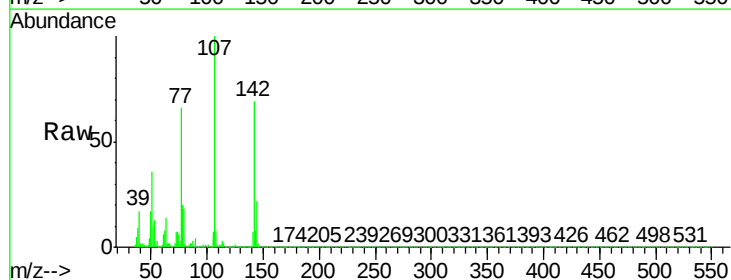
Manual Integrations
APPROVED

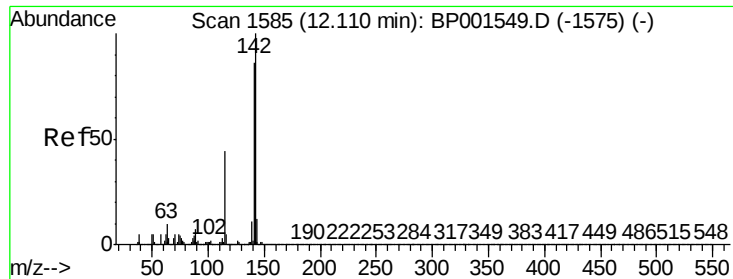
mohammad
1/21/2020 7:52:49 AM



#36
4-Chloro-3-methylphenol
Concen: 45.243 ng/ml
RT: 11.73 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	21.9	18.9	28.3	
142	68.8	58.0	87.0	





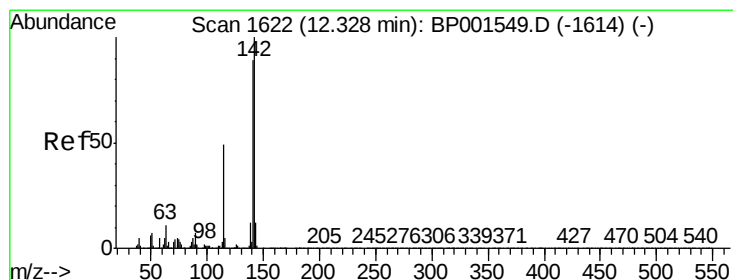
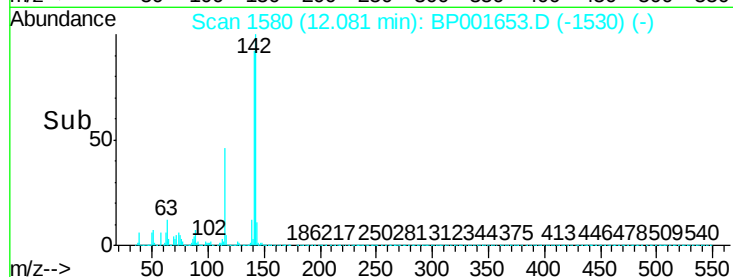
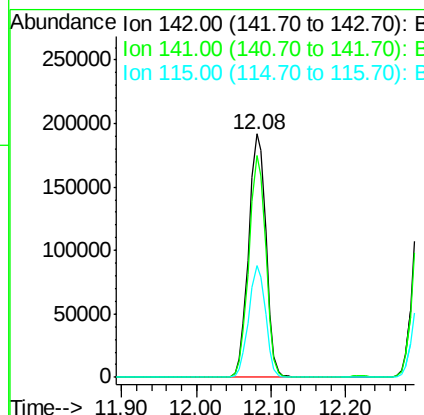
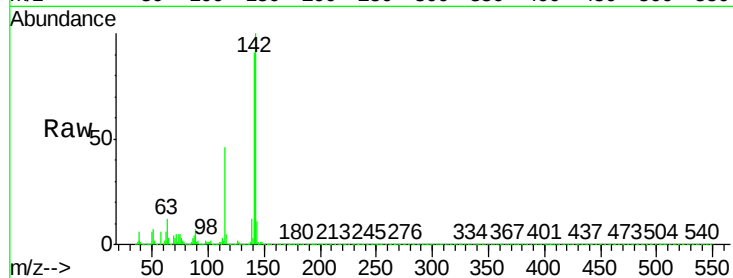
#37
2-Methylnaphthalene
Concen: 44.396 ng
RT: 12.08 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	68.4	102.6
115	45.8	35.1	52.7

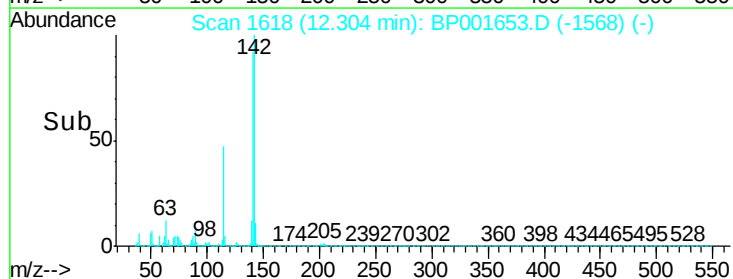
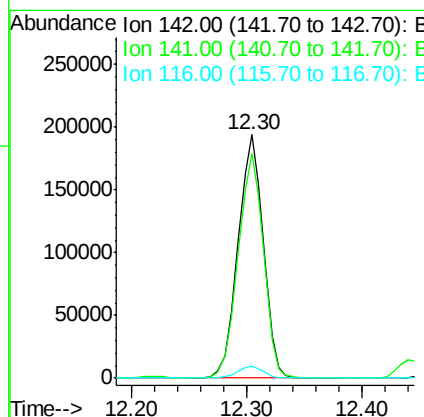
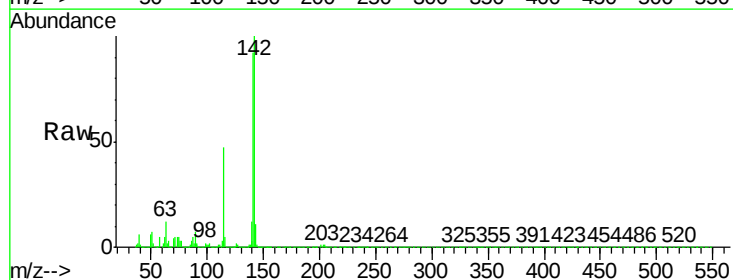
Manual Integrations
APPROVED

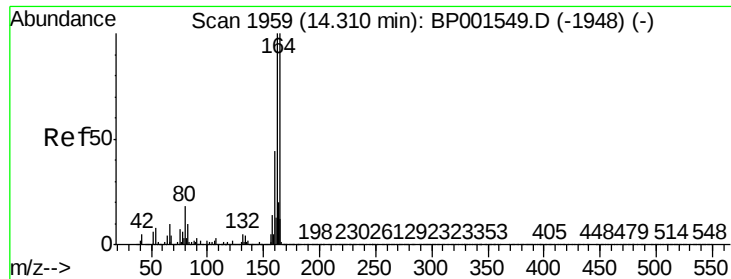
mohammad
1/21/2020 7:52:49 AM



#38
1-Methylnaphthalene
Concen: 43.694 ng
RT: 12.30 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	70.9	106.3
116	4.9	4.1	6.1





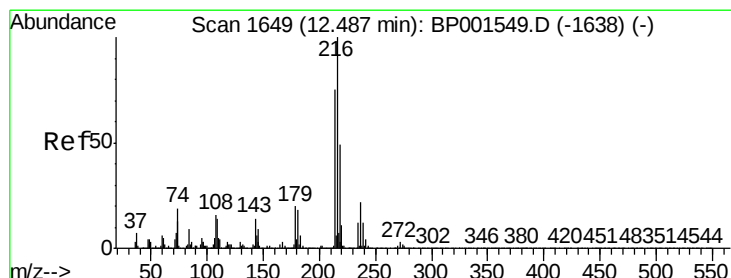
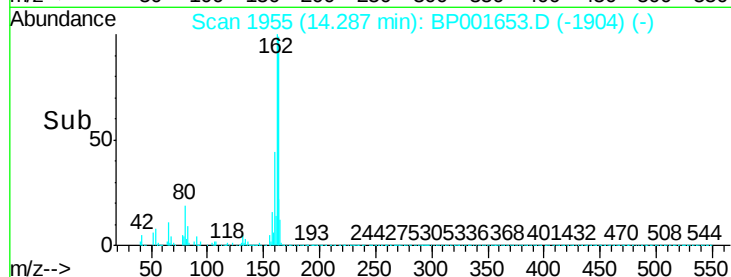
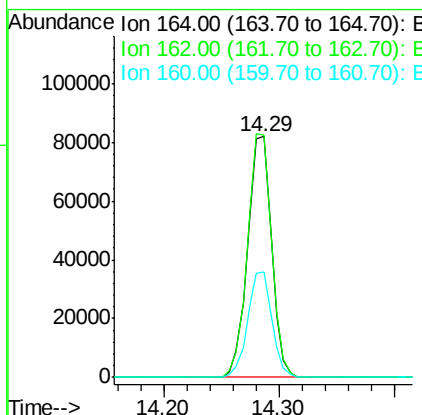
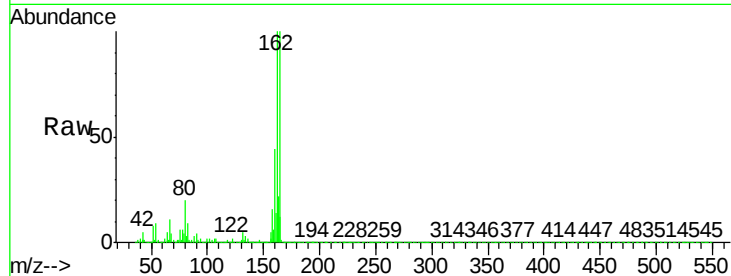
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.8	119.6
160	43.9	35.0	52.6

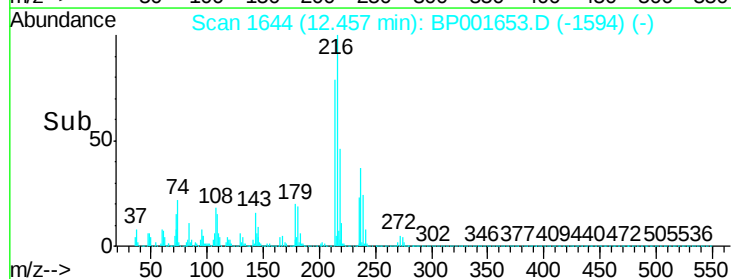
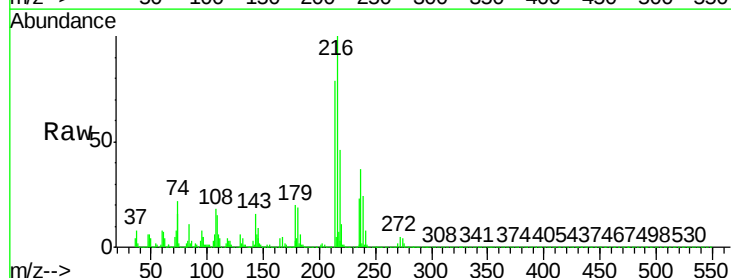
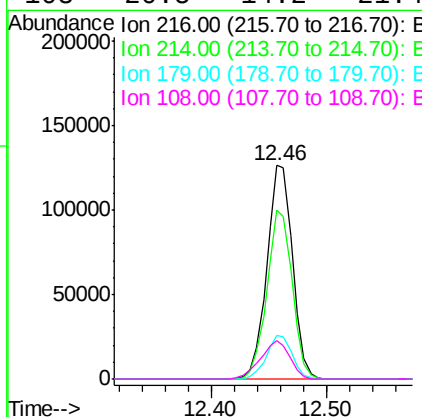
Manual Integrations
APPROVED

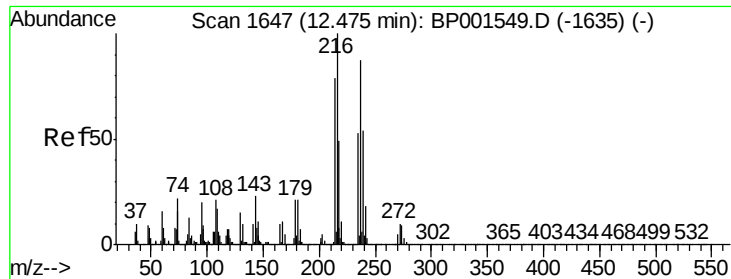
mohammad
1/21/2020 7:52:49 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.114 ng
RT: 12.46 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	61.3	91.9
179	20.4	15.7	23.5
108	20.5	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 96.480 ng

RT: 12.45 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Instrument :

BNA_P

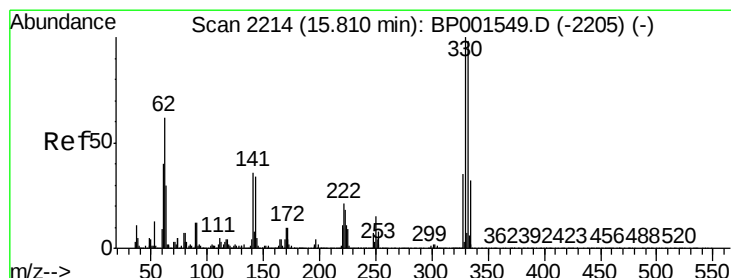
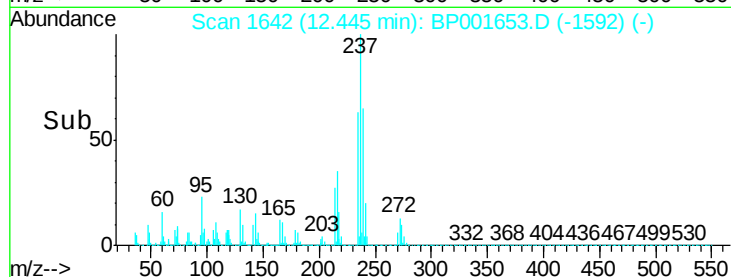
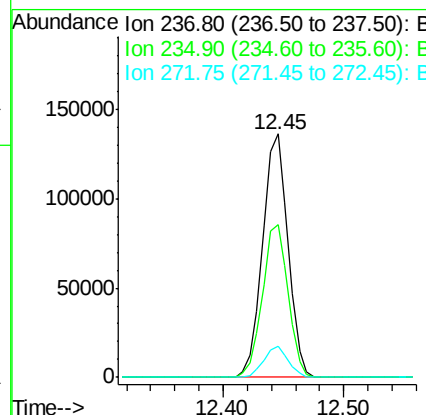
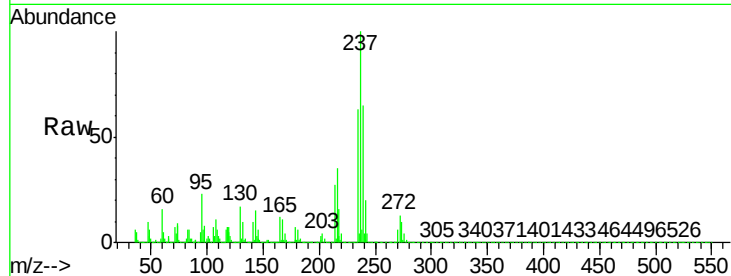
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	237	Resp:	198795
Ion Ratio	Lower	Upper	
237	100		
235	62.9	41.6	81.6
272	12.5	0.0	31.2

Manual Integrations
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1/21/2020 7:52:49 AM



#42

2,4,6-Tribromophenol

Concen: 94.814 ng

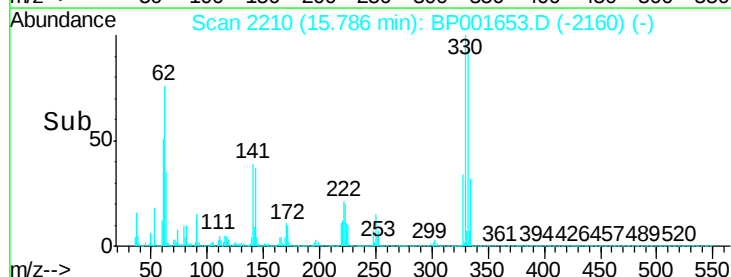
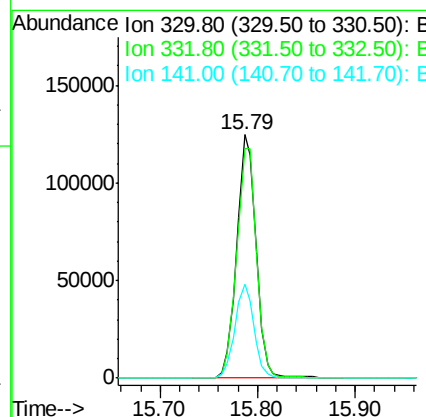
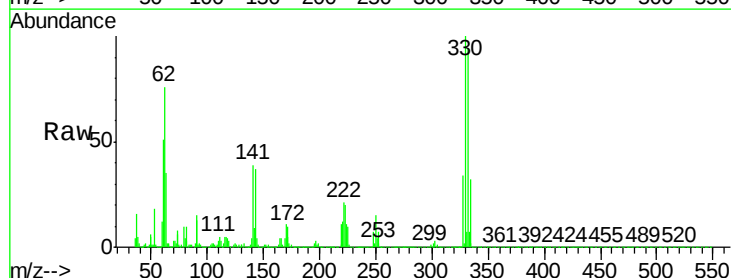
RT: 15.79 min Scan# 2210

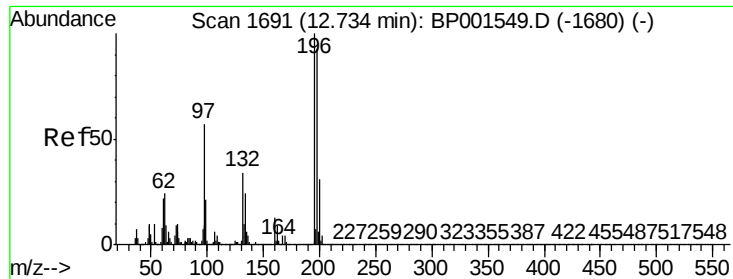
Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Tgt Ion:	330	Resp:	171141
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.8	116.6
141	38.5	28.7	43.1





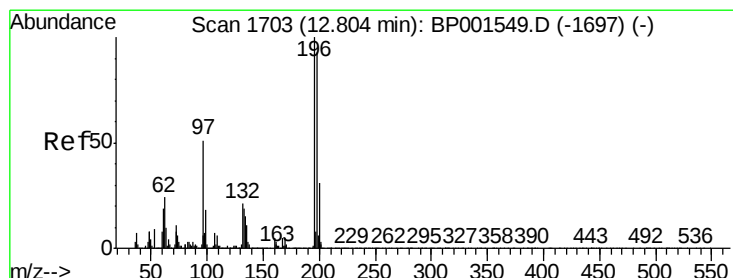
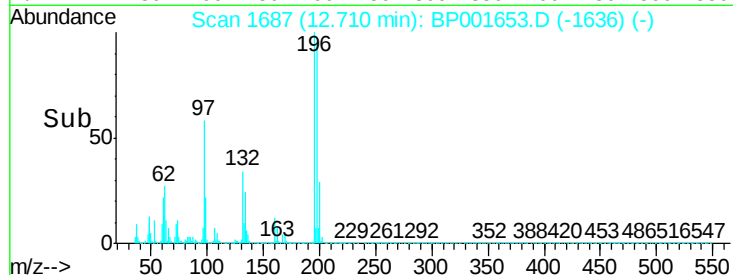
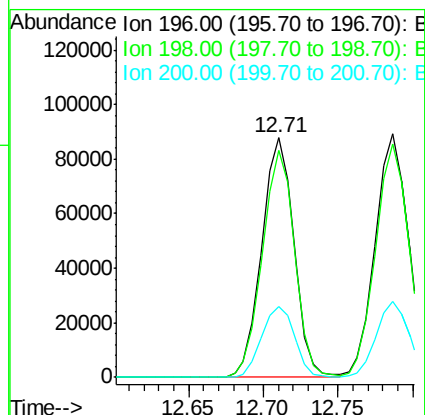
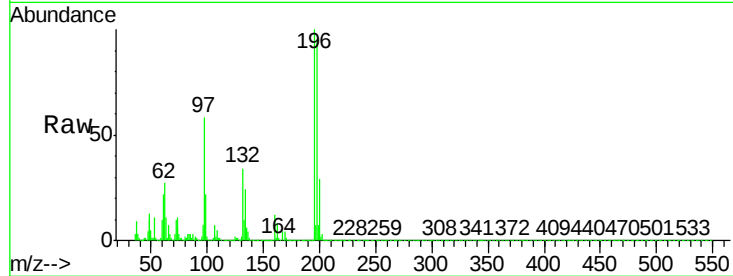
#43
 2,4,6-Trichlorophenol
 Concen: 50.036 ng
 RT: 12.71 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: BP001653.D
 Acq: 17 Jan 2020 12:50

Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	131083		
198	94.9	74.2	111.4	
200	29.4	24.6	37.0	

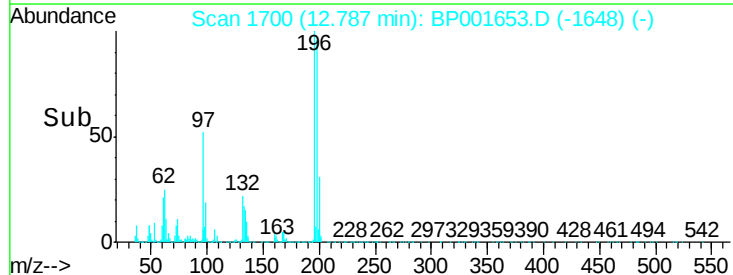
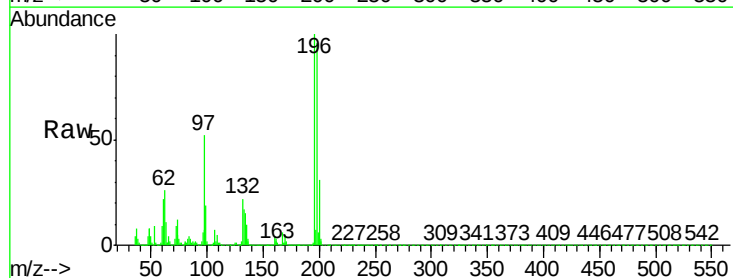
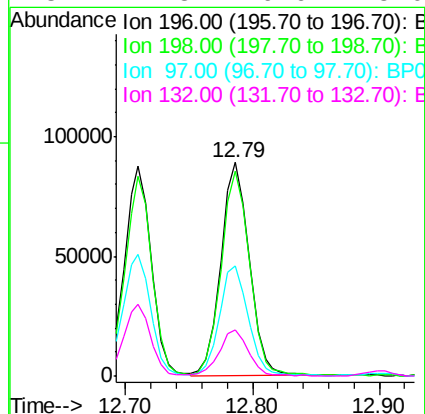
Manual Integrations
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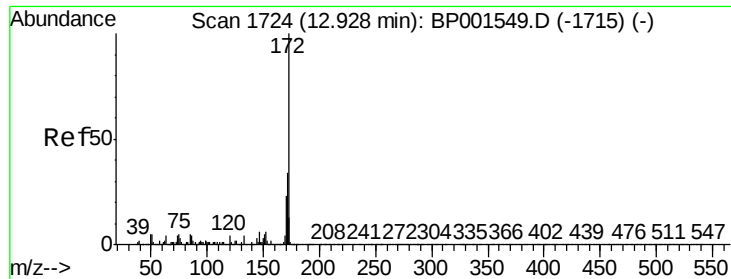
mohammad
 1/21/2020 7:52:49 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.961 ng
 RT: 12.79 min Scan# 1700
 Delta R.T. 0.01 min
 Lab File: BP001653.D
 Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139086		
198	95.9	74.6	111.8	
97	51.8	41.0	61.6	
132	21.8	16.6	25.0	





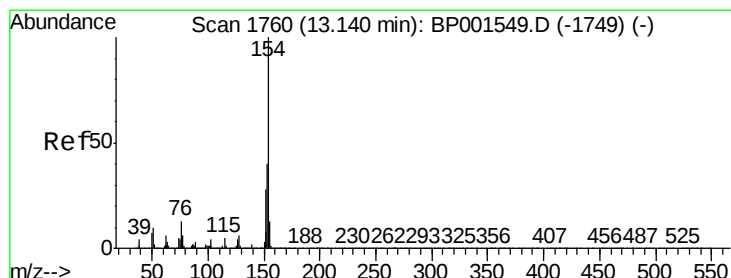
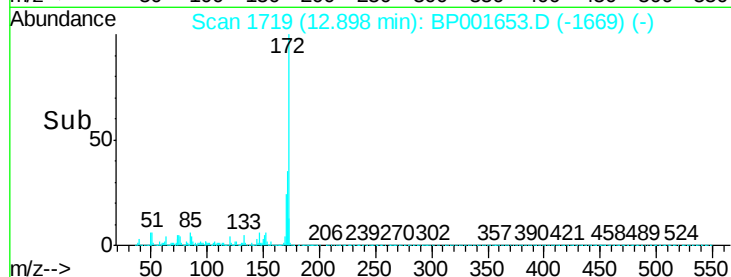
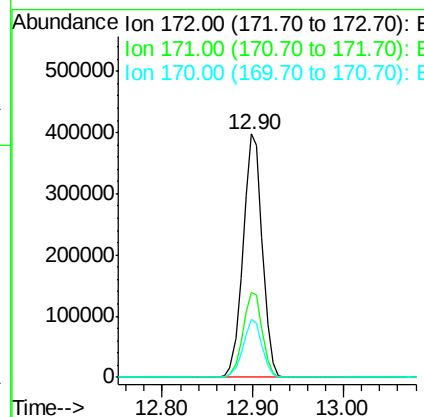
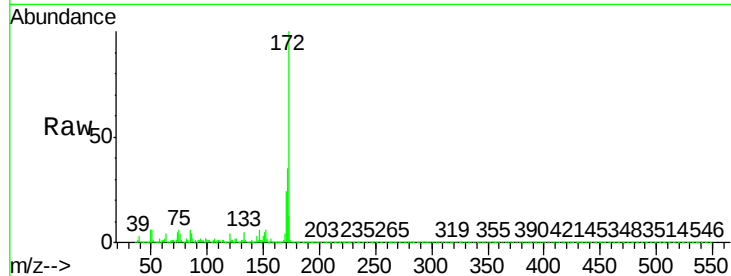
#45
2-Fluorobiphenyl
Concen: 72.827 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.6	41.4
170	23.8	18.3	27.5

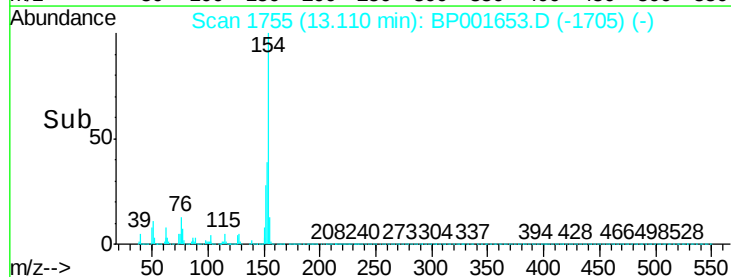
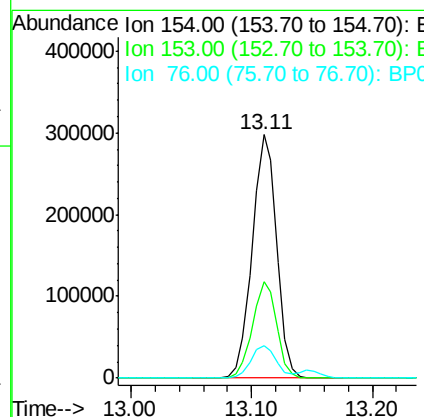
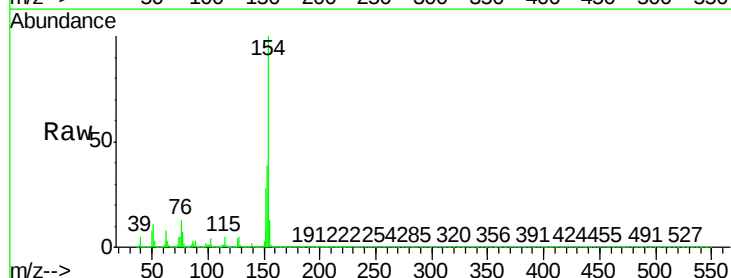
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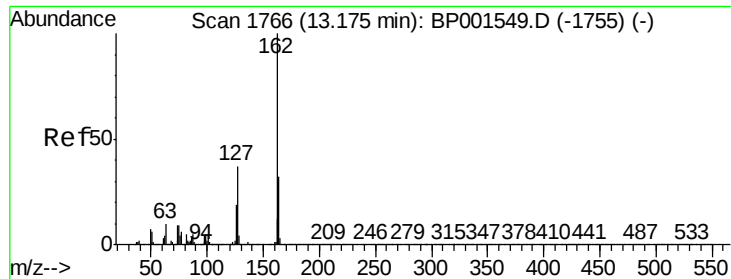
mohammad
1/21/2020 7:52:49 AM



#46
1,1'-Biphenyl
Concen: 49.410 ng
RT: 13.11 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.5	59.5
76	13.2	0.0	33.1





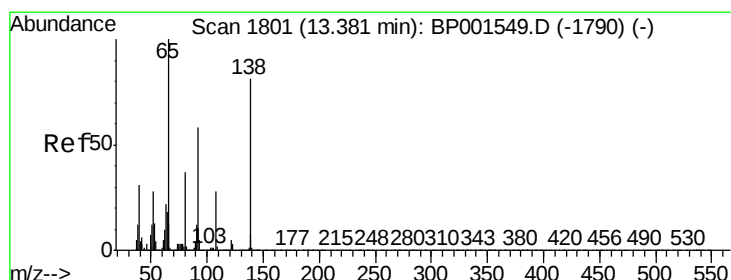
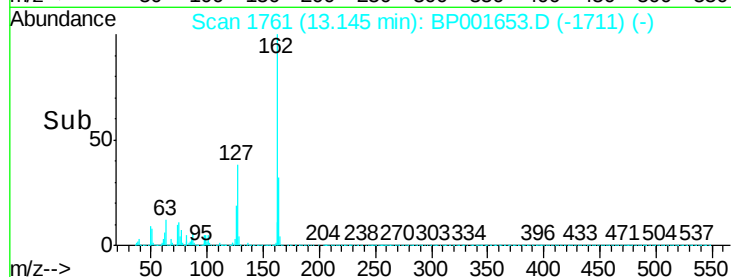
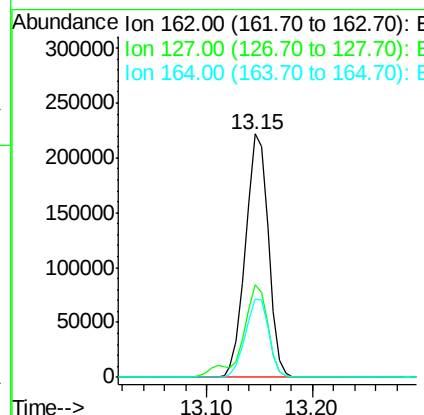
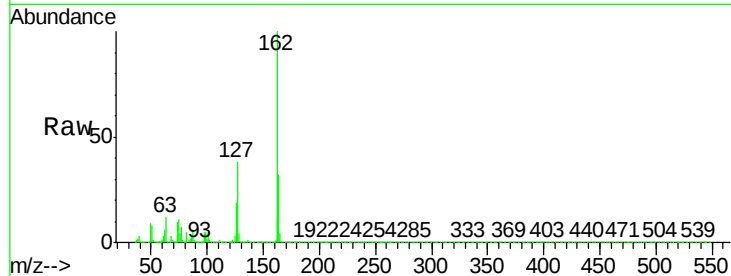
#47
2-Chloronaphthalene
Concen: 46.997 ng
RT: 13.15 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	29.9	44.9
164	32.5	26.0	39.0

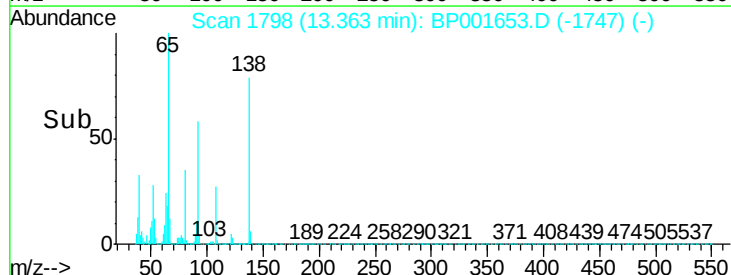
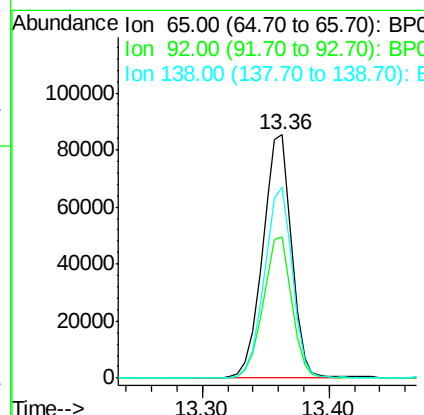
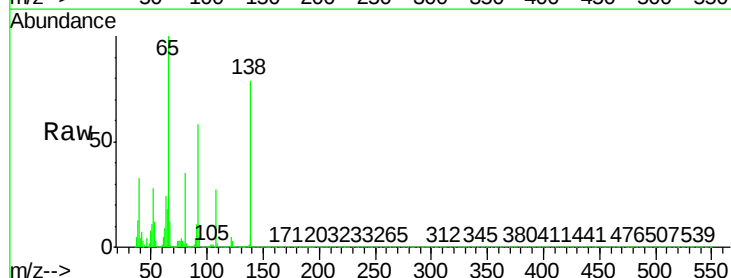
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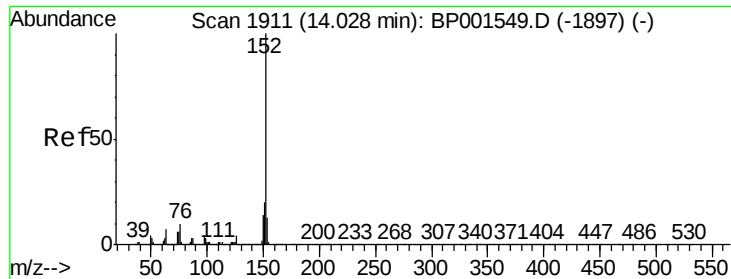
mohammad
1/21/2020 7:52:49 AM



#48
2-Nitroaniline
Concen: 48.639 ng
RT: 13.36 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.1	46.2	69.2
138	78.7	64.7	97.1





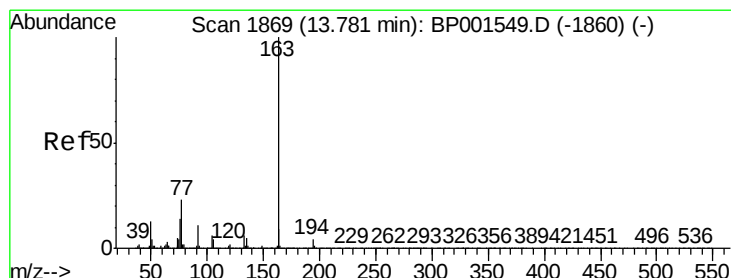
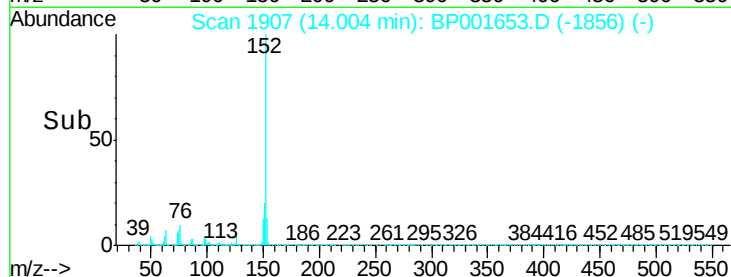
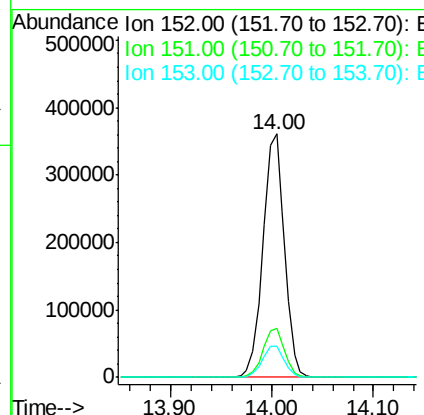
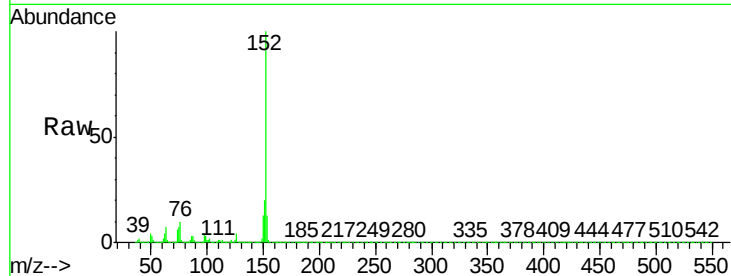
#49
Acenaphthylene
Concen: 48.511 ng
RT: 14.00 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		528359		
151	19.9	15.9	23.9		
153	12.9	10.4	15.6		

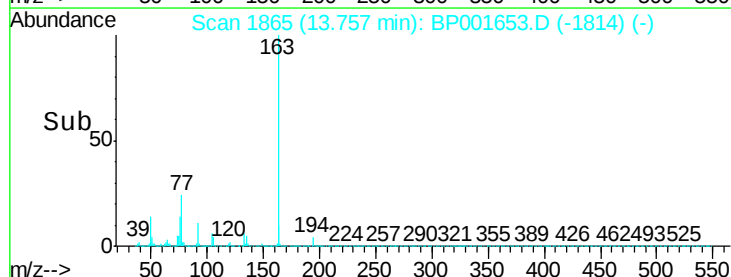
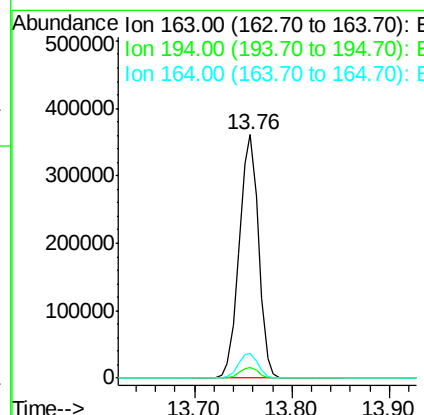
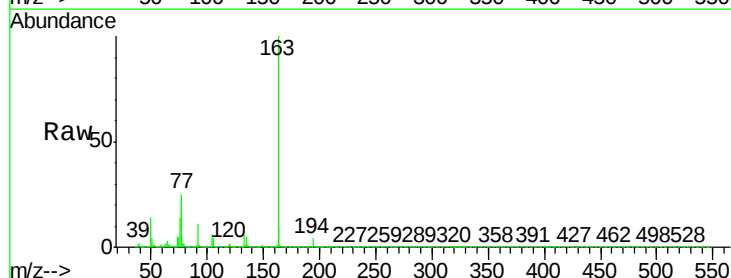
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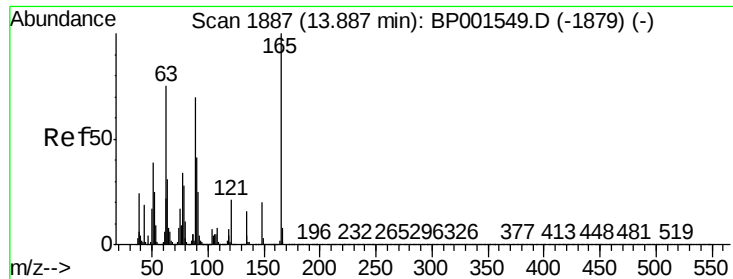
mohammad
1/21/2020 7:52:49 AM



#50
Dimethylphthalate
Concen: 50.491 ng
RT: 13.76 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		493136		
194	4.3	3.6	5.4		
164	10.0	7.5	11.3		





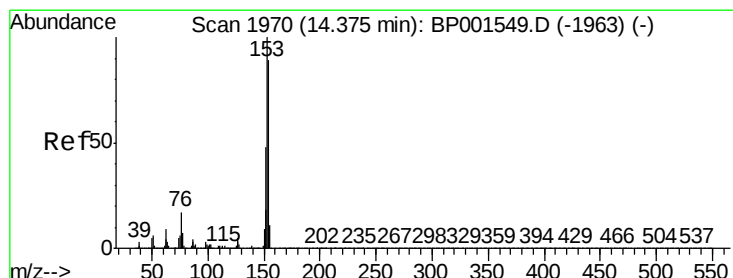
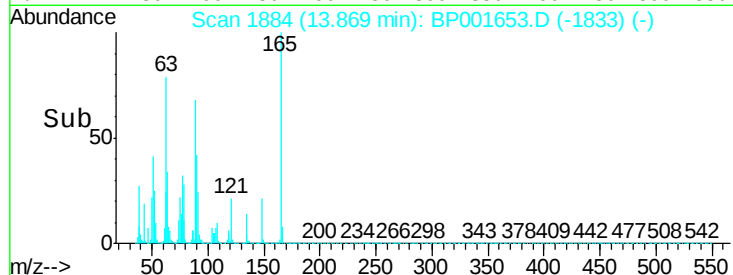
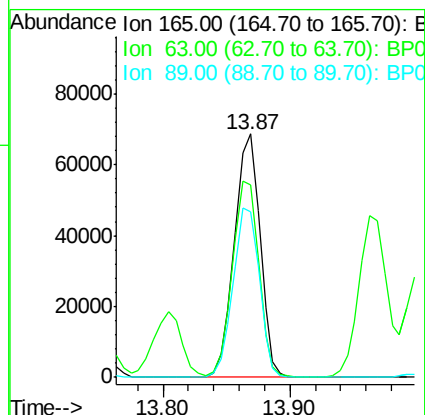
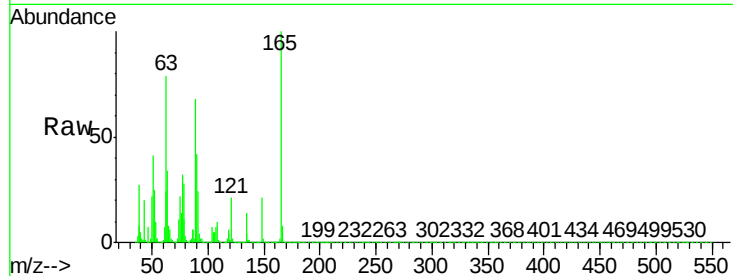
#51
2,6-Dinitrotoluene
Concen: 46.507 ng
RT: 13.87 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	78.8	60.9	91.3
89	67.9	55.7	83.5

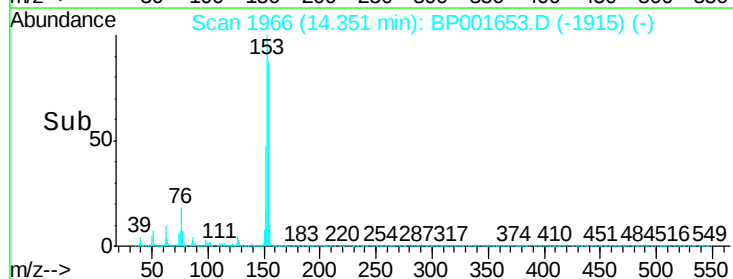
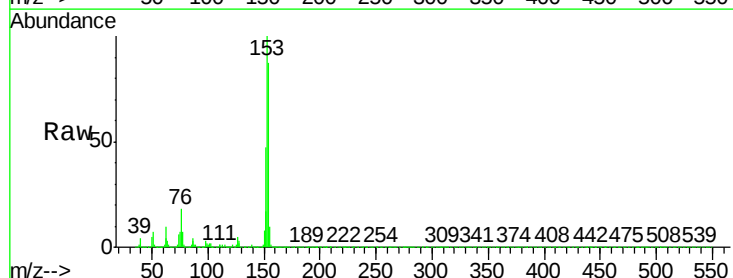
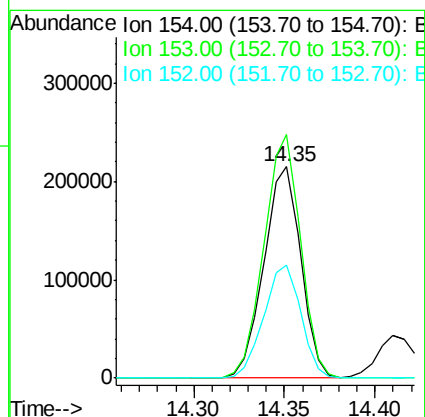
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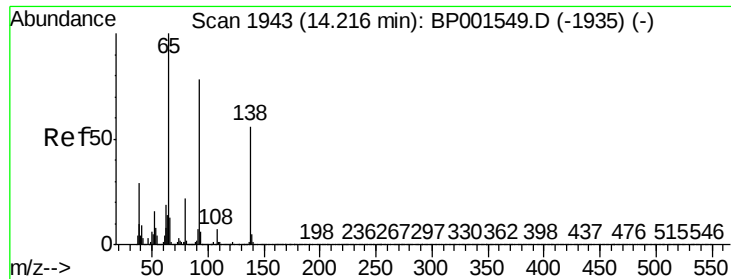
mohammad
1/21/2020 7:52:49 AM



#52
Acenaphthene
Concen: 45.253 ng
RT: 14.35 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.2	89.4	134.2
152	53.7	42.6	64.0





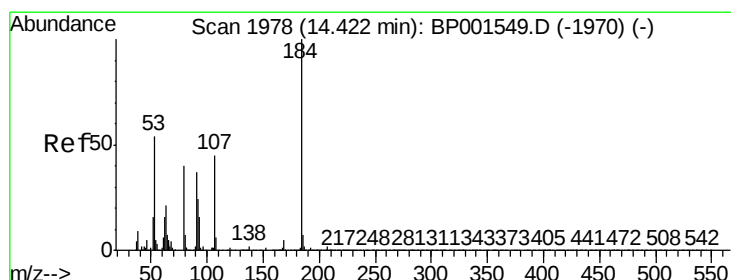
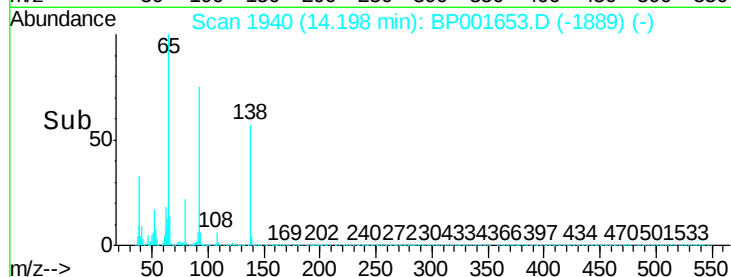
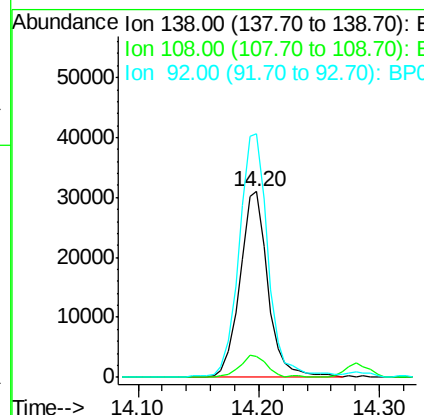
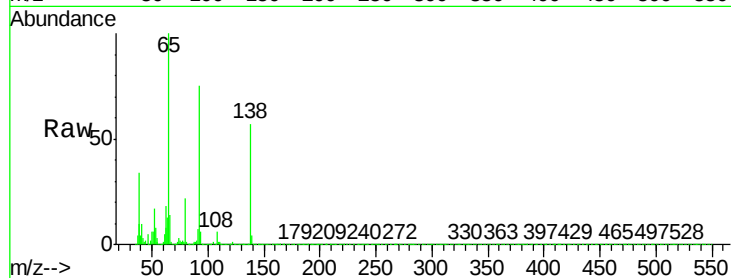
#53
3-Nitroaniline
Concen: 22.932 ng
RT: 14.20 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.9	14.9
92	131.0	110.6	166.0

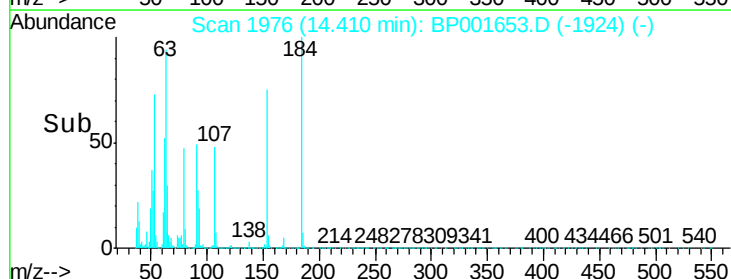
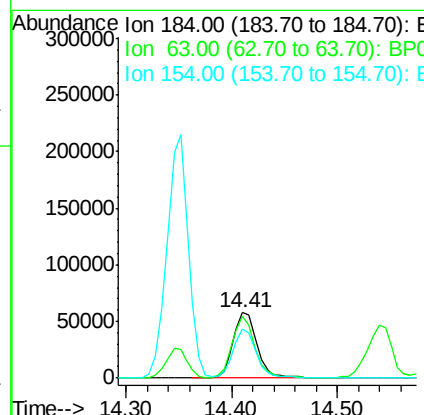
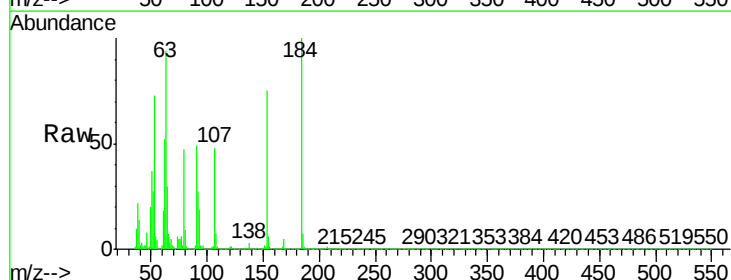
Manual Integrations
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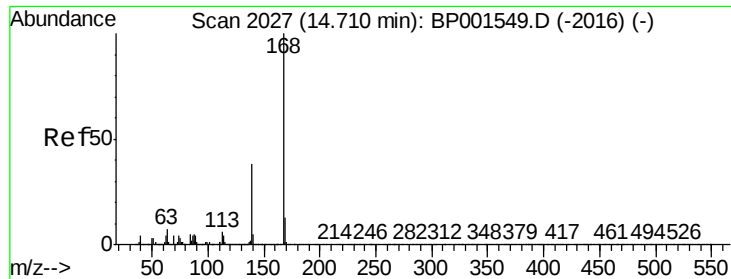
mohammad
1/21/2020 7:52:49 AM



#54
2,4-Dinitrophenol
Concen: 78.543 ng
RT: 14.41 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	94.0	59.7	89.5#
154	74.7	53.9	80.9





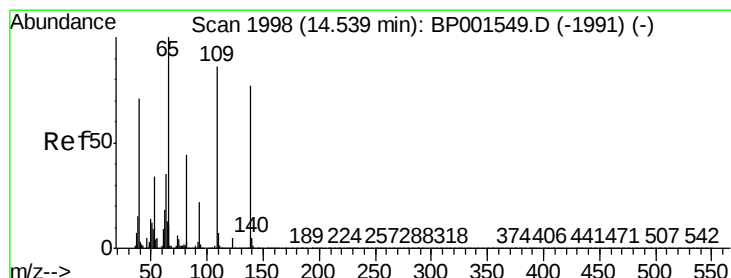
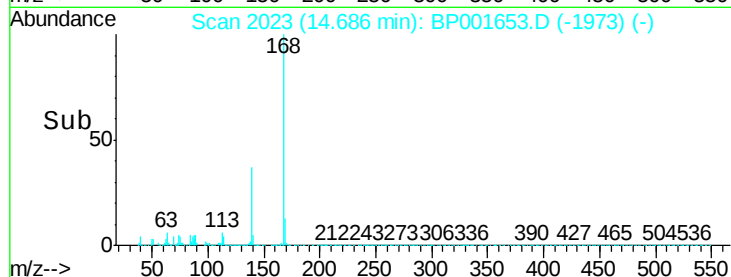
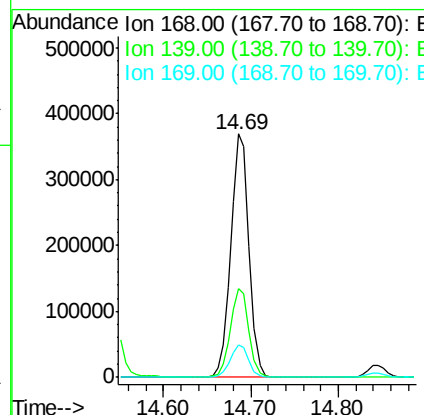
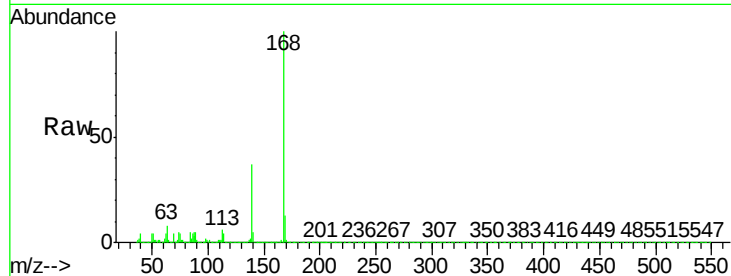
#55
Dibenzofuran
Concen: 46.101 ng
RT: 14.69 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.2	45.4
169	13.4	10.6	16.0

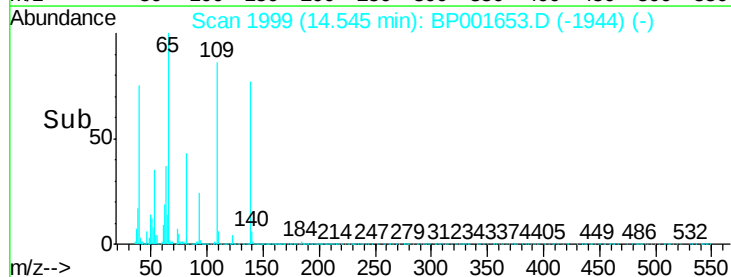
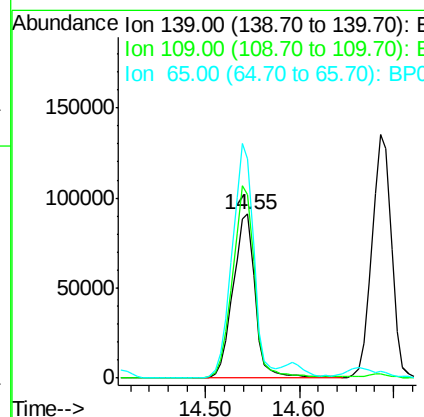
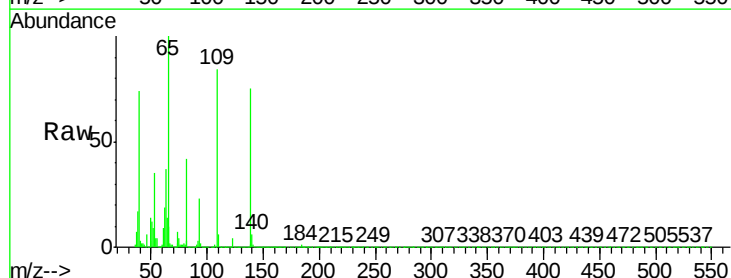
Manual Integrations
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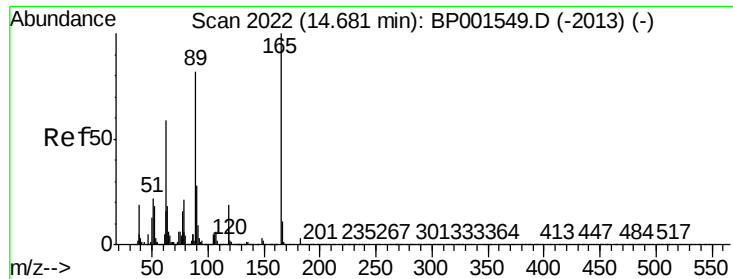
mohammad
1/21/2020 7:52:49 AM



#56
4-Nitrophenol
Concen: 86.441 ng
RT: 14.55 min Scan# 1999
Delta R.T. 0.02 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	111.9	92.7	132.7
65	133.8	111.1	151.1





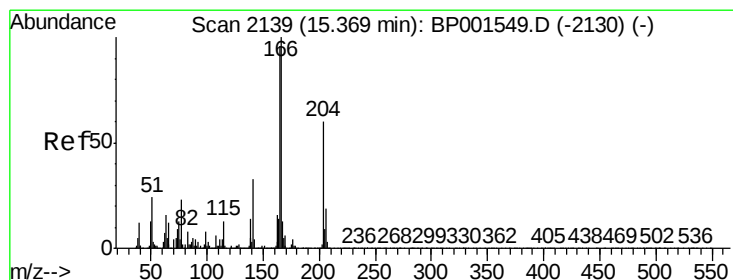
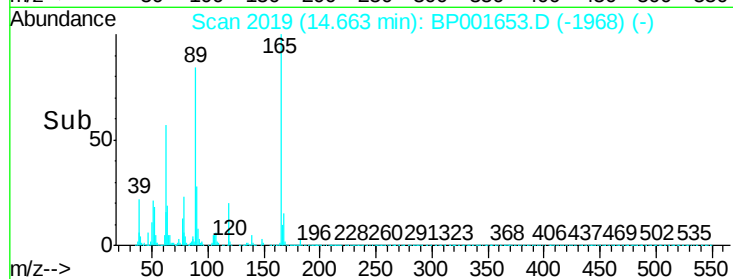
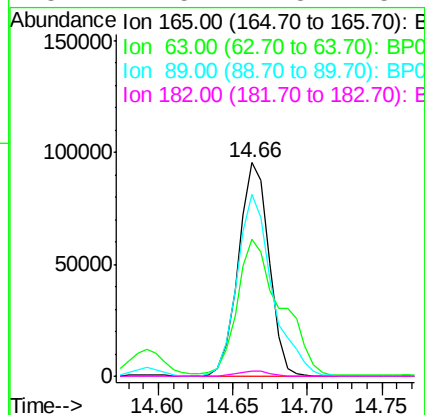
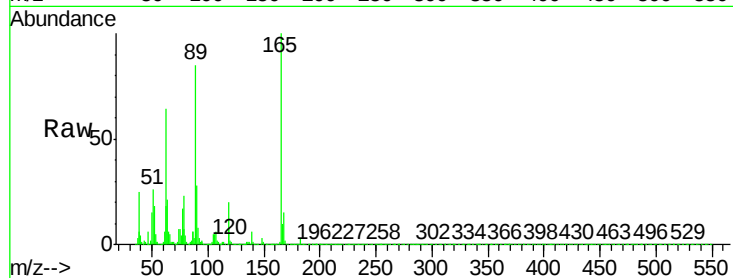
#57
2,4-Dinitrotoluene
Concen: 44.775 ng
RT: 14.66 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	64.0	47.3	70.9		
89	85.1	65.4	98.0		
182	2.5	2.5	3.7		

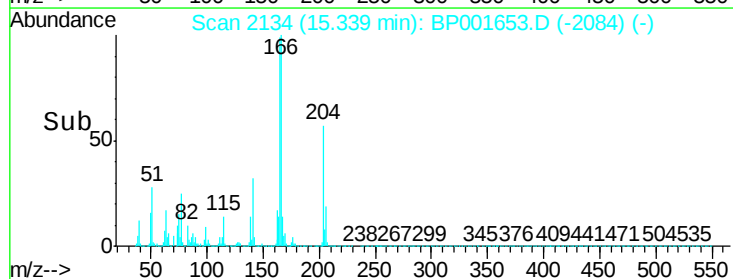
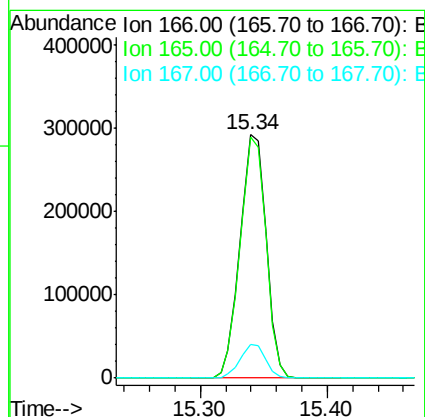
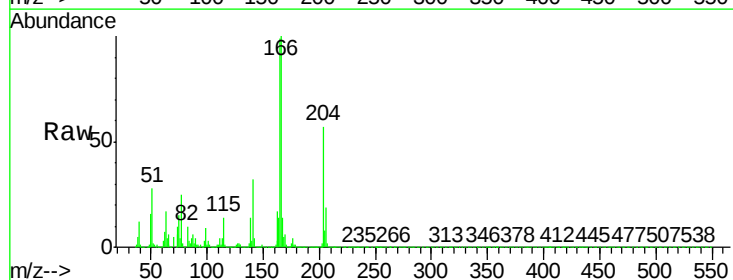
Manual Integrations
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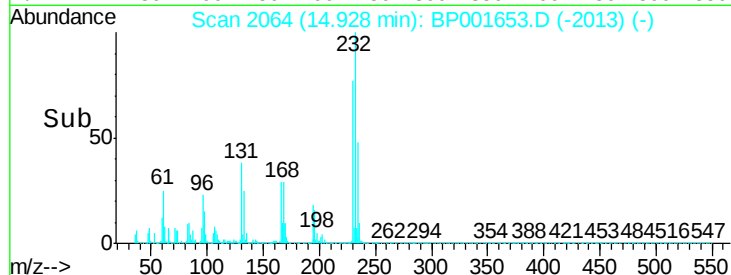
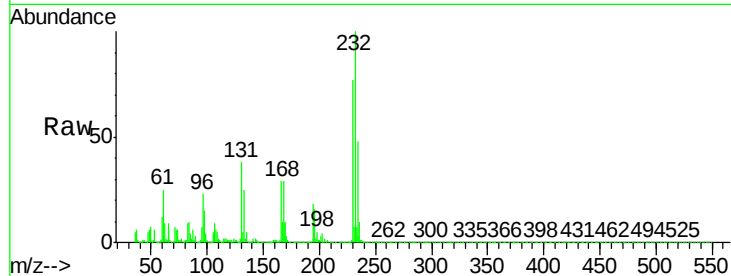
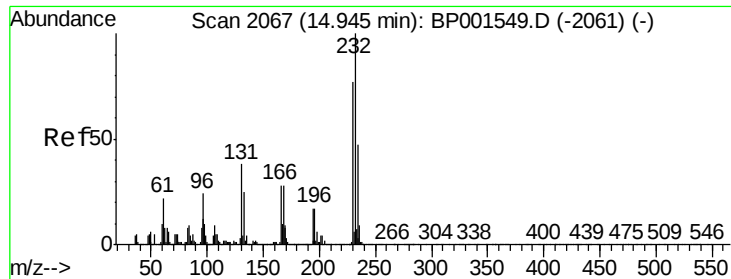
mohammad
1/21/2020 7:52:49 AM



#58
Fluorene
Concen: 45.147 ng
RT: 15.34 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	99.0	76.9	115.3		
167	13.7	10.3	15.5		





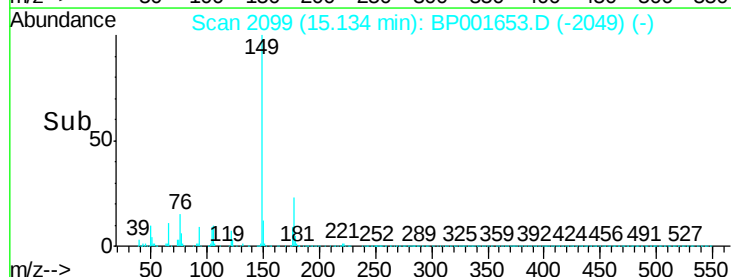
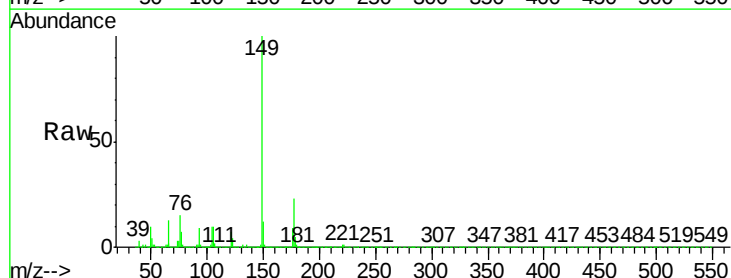
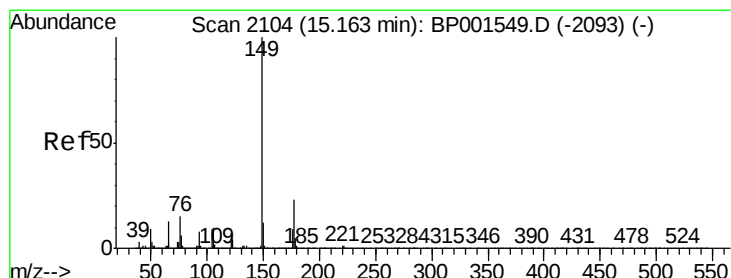
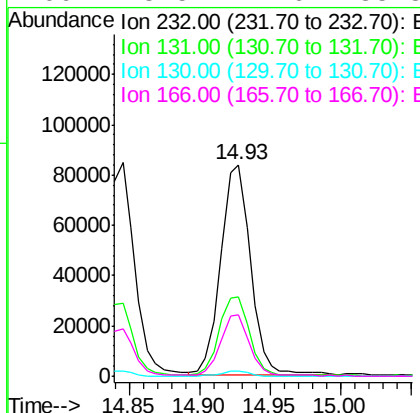
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.910 ng
RT: 14.93 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.3	31.3	46.9
130	2.5	2.0	3.0
166	28.5	22.6	33.8

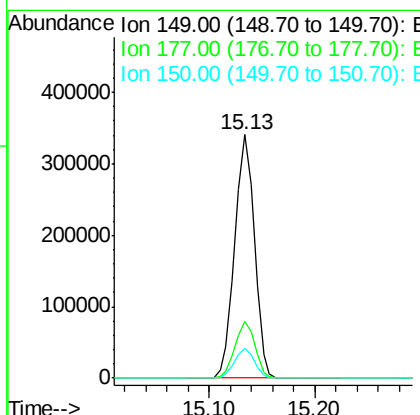
Manual Integrations
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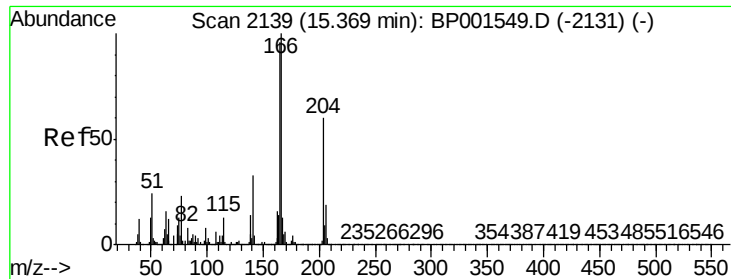
mohammad
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#60
Diethylphthalate
Concen: 43.363 ng
RT: 15.13 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.4	27.6
150	12.3	10.0	15.0





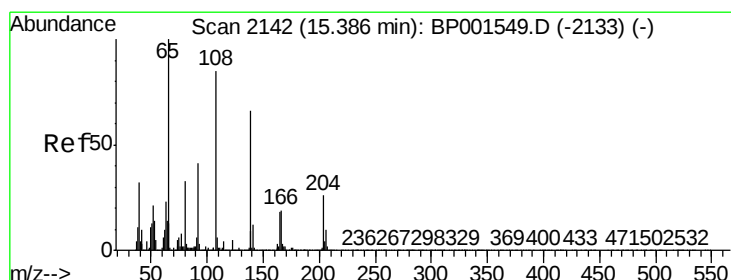
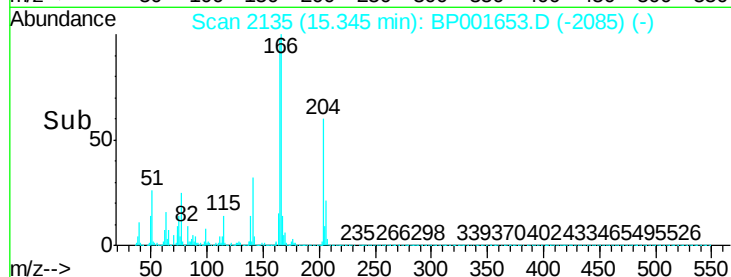
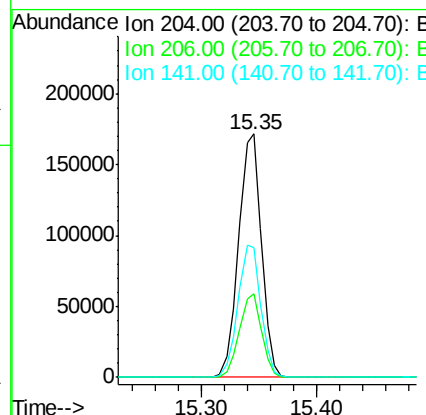
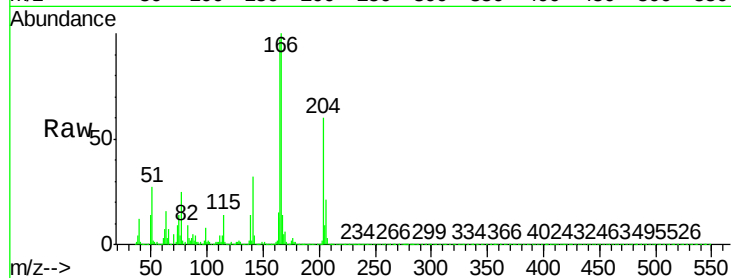
#61
4-Chlorophenyl-phenylether
Concen: 44.431 ng
RT: 15.35 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	25.4	38.0
141	53.1	43.8	65.6

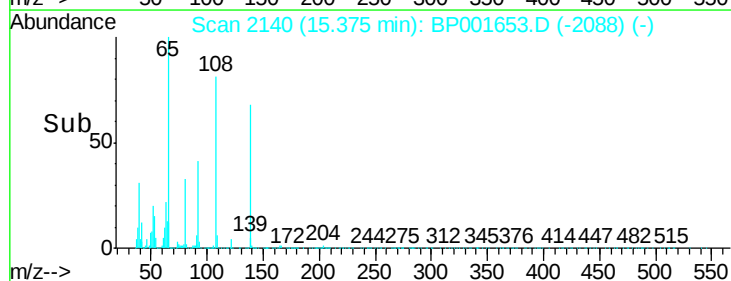
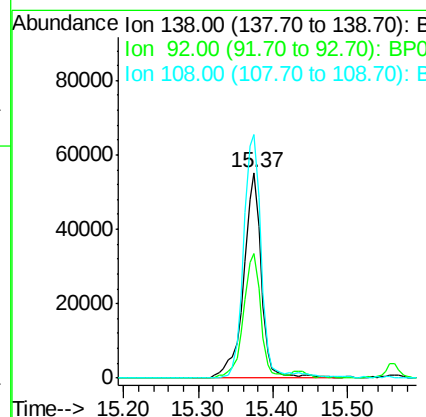
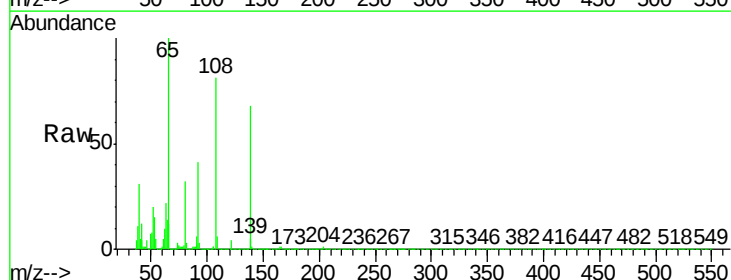
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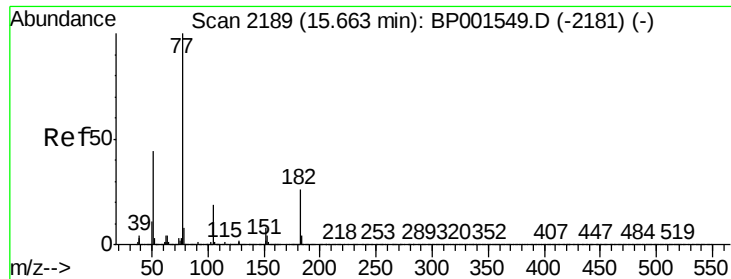
mohammad
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#62
4-Nitroaniline
Concen: 36.511 ng
RT: 15.37 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.5	42.7	82.7
108	118.3	108.6	148.6





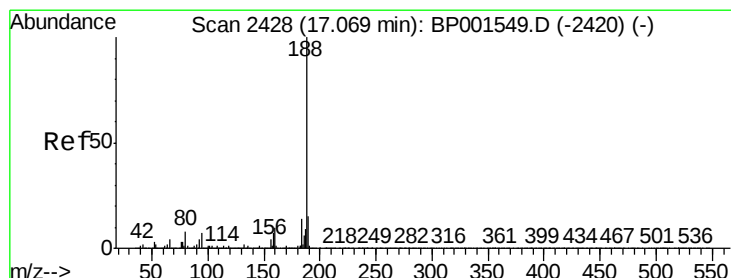
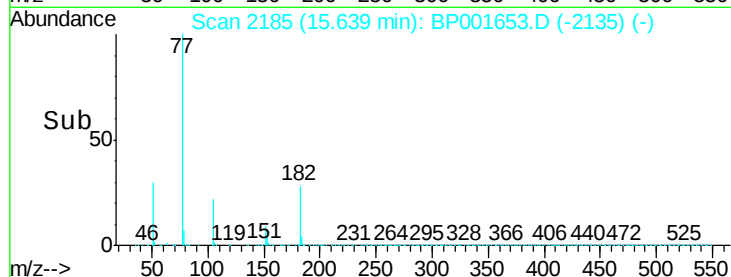
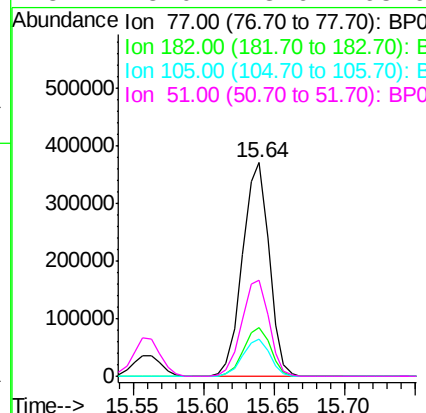
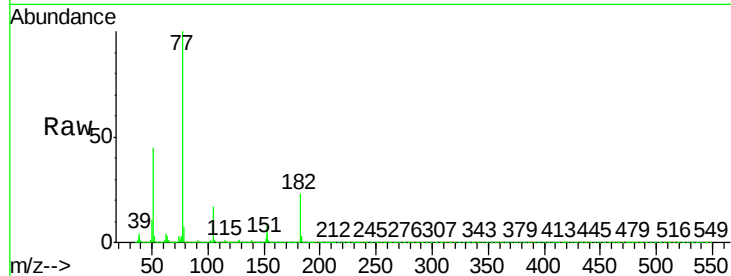
#63
Azobenzene
Concen: 48.589 ng
RT: 15.64 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.1	5.8	45.8	
105	17.5	0.0	39.3	
51	45.0	23.6	63.6	

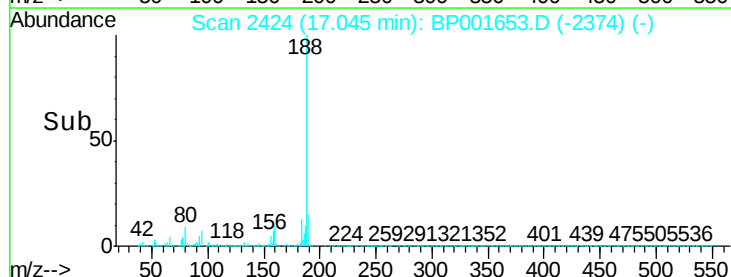
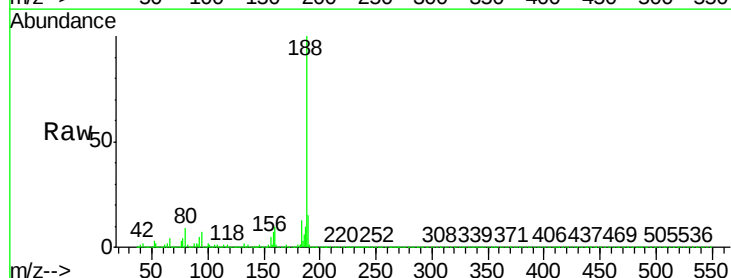
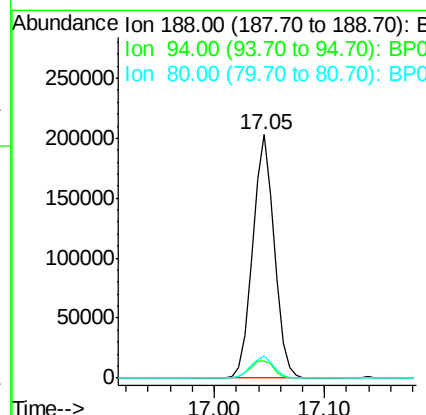
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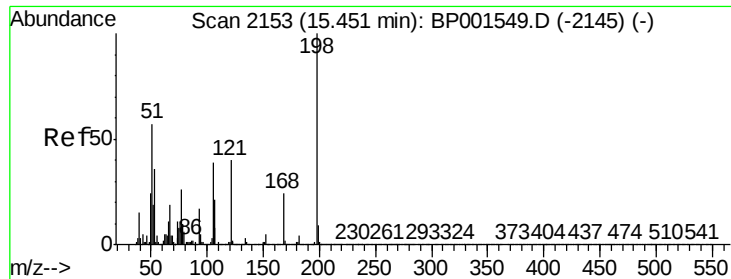
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.2	5.9	8.9	
80	9.3	6.8	10.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 52.598 ng

RT: 15.43 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Instrument :

BNA_P

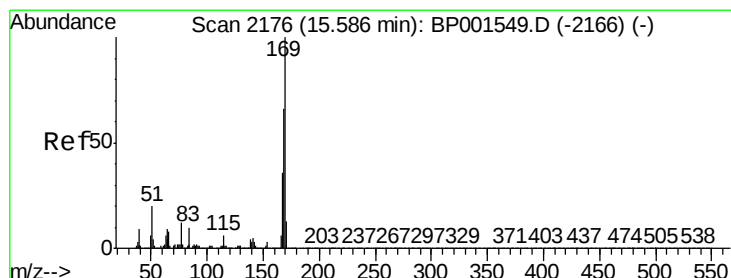
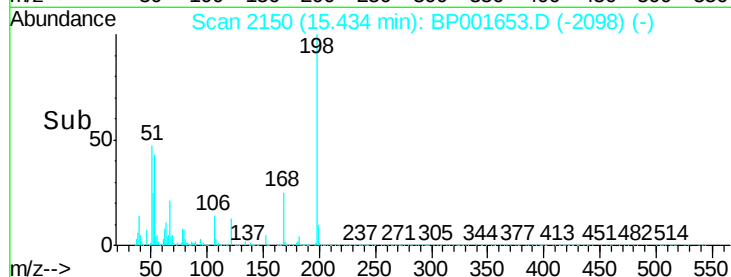
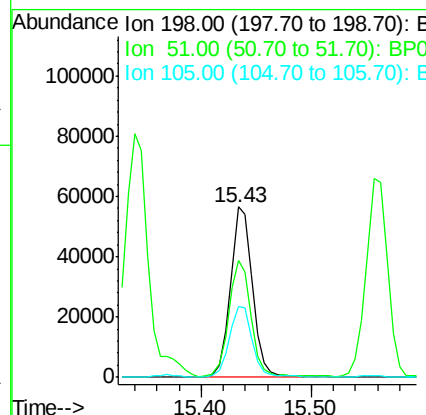
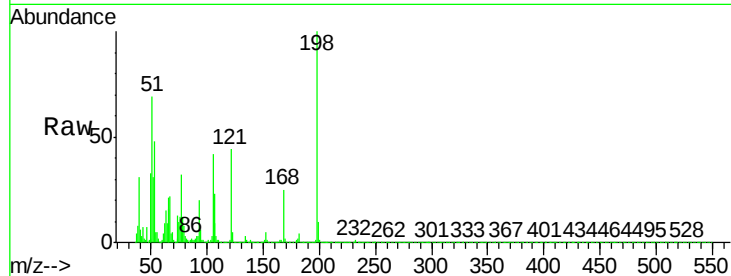
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	198	Resp:	79425
Ion Ratio	Lower	Upper	
198	100		
51	68.5	39.4	79.4
105	41.8	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 50.001 ng

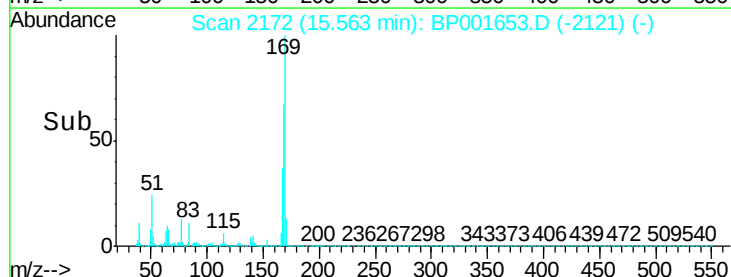
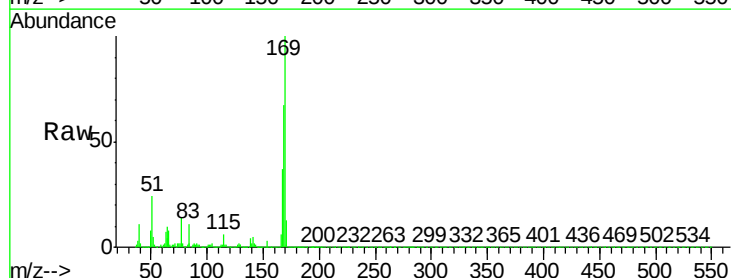
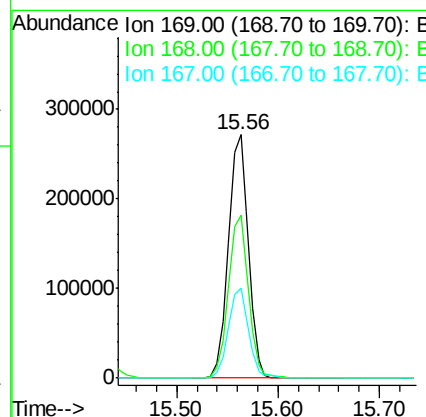
RT: 15.56 min Scan# 2172

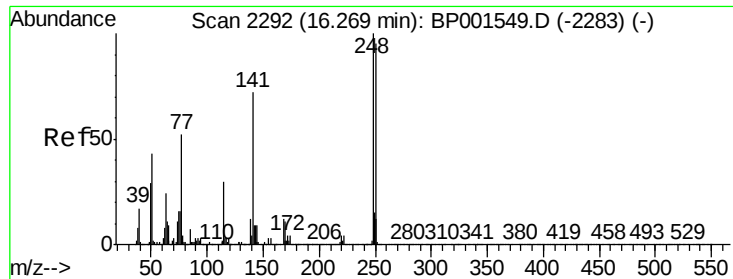
Delta R.T. -0.00 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Tgt Ion:	169	Resp:	369978
Ion Ratio	Lower	Upper	
169	100		
168	67.1	53.1	79.7
167	36.9	28.9	43.3





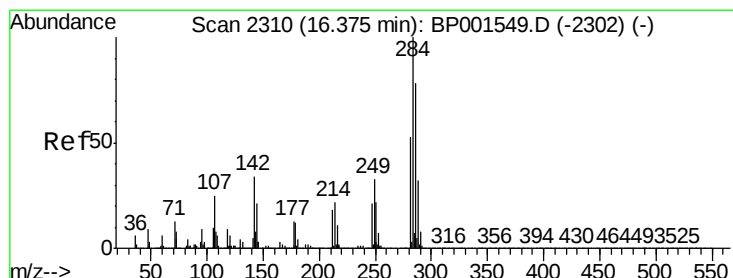
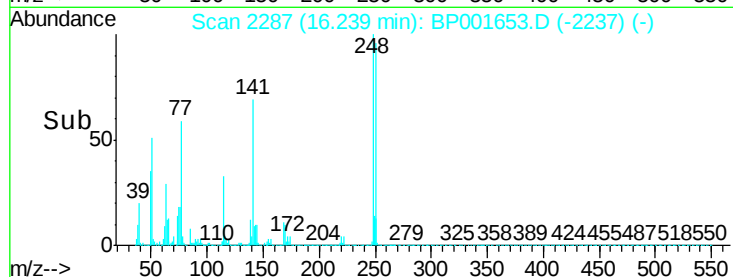
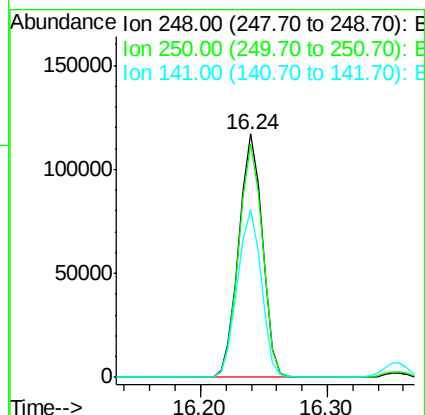
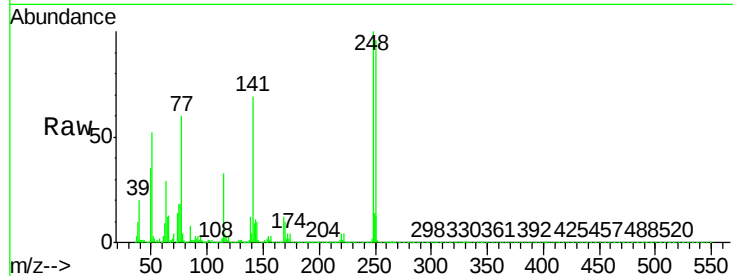
#67
4-Bromophenyl-phenylether
Concen: 47.733 ng
RT: 16.24 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.0	114.0
141	69.2	57.8	86.8

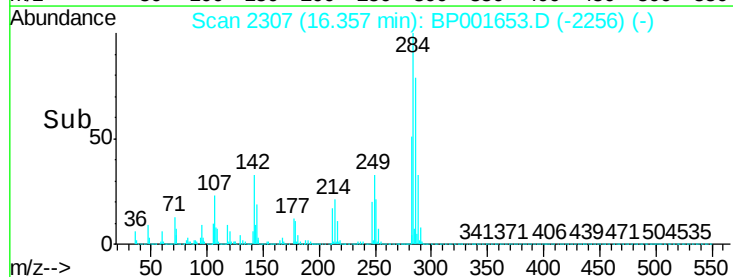
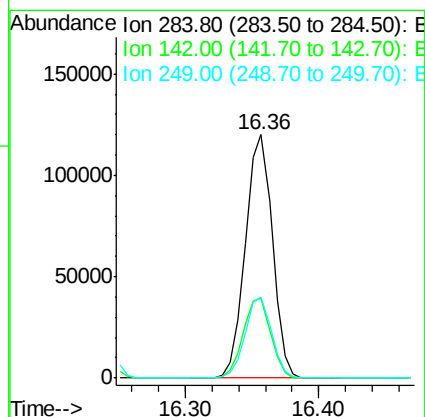
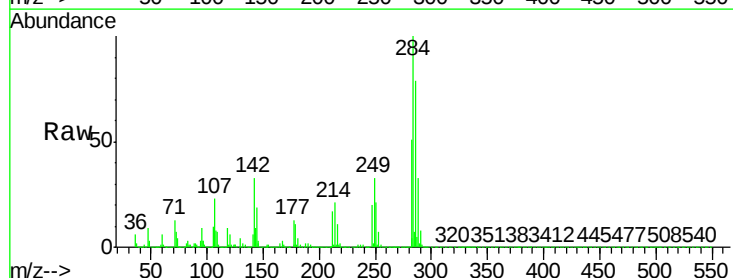
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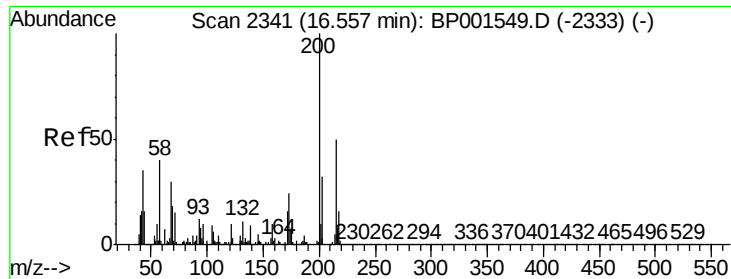
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#68
Hexachlorobenzene
Concen: 45.563 ng
RT: 16.36 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	27.4	41.2
249	33.3	26.8	40.2





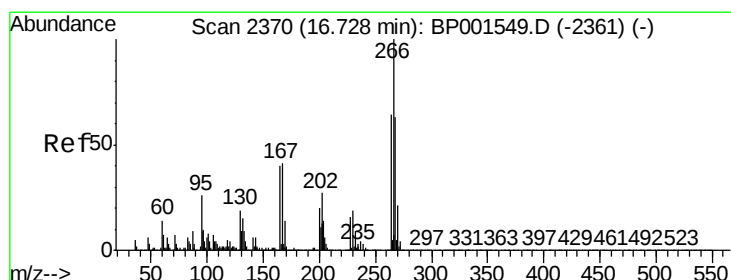
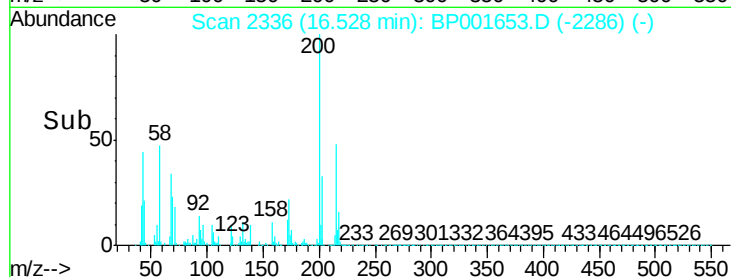
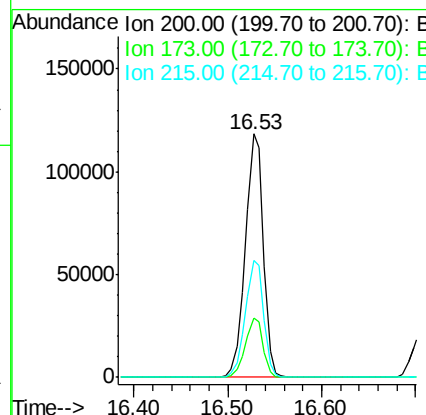
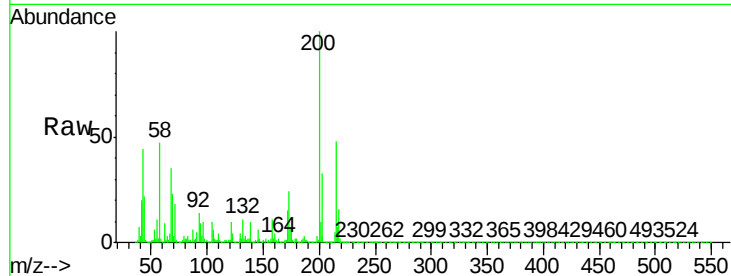
#69
Atrazine
Concen: 57.642 ng
RT: 16.53 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	3.5	43.5
215	48.1	30.4	70.4

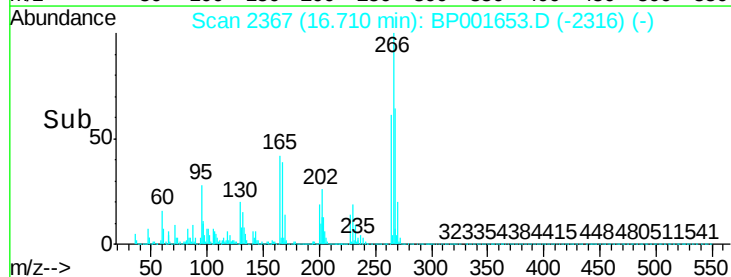
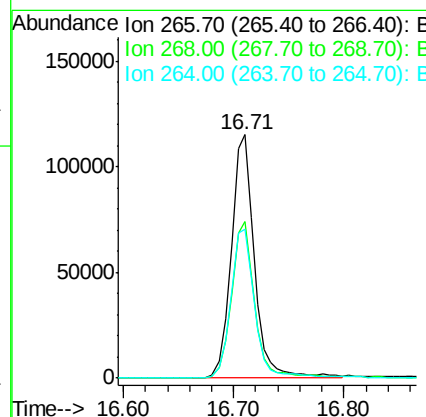
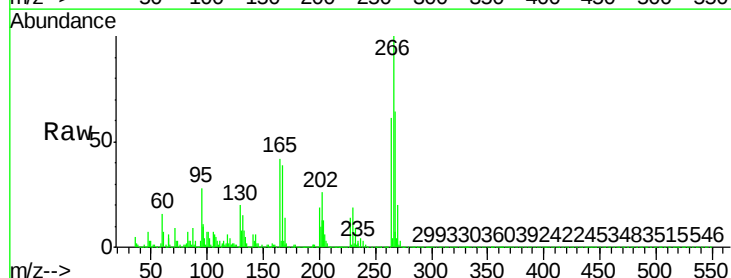
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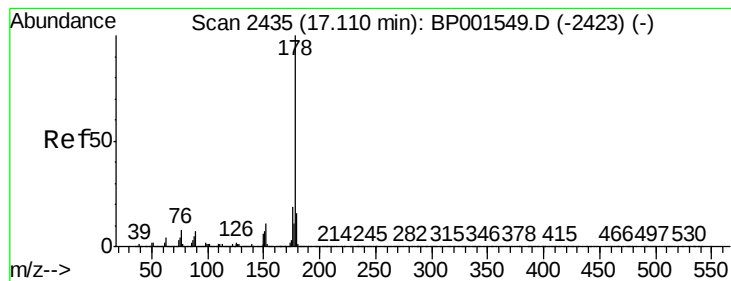
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#70
Pentachlorophenol
Concen: 83.884 ng
RT: 16.71 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.5	75.7
264	61.3	50.9	76.3





#71

Phenanthrene

Concen: 46.007 ng

RT: 17.09 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Instrument :

BNA_P

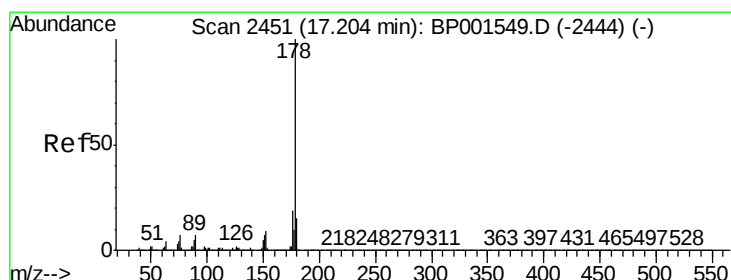
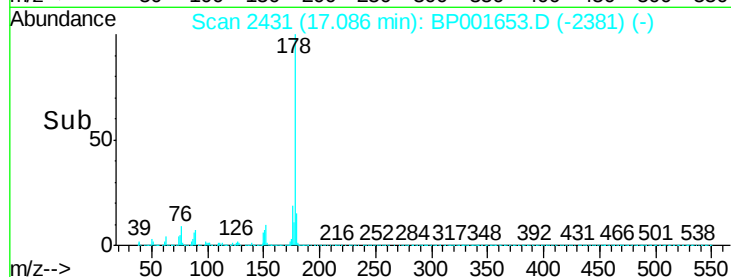
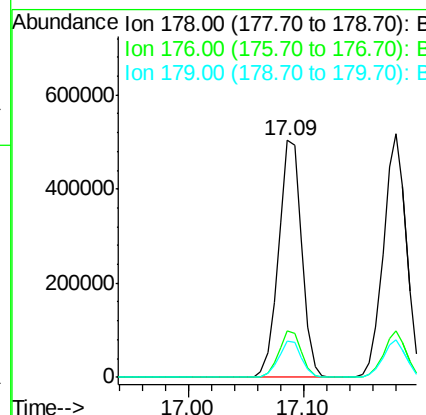
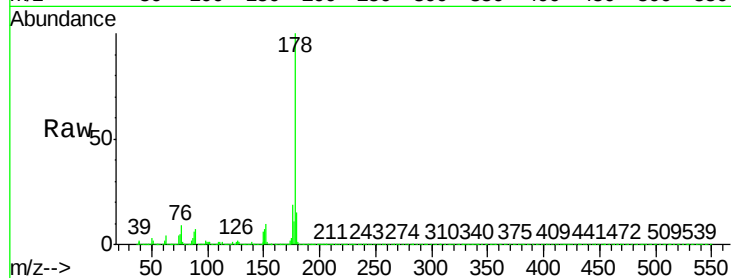
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	178	Resp:	698812
Ion Ratio	Lower	Upper	
178	100		
176	19.4	14.9	22.3
179	15.5	12.5	18.7

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#72

Anthracene

Concen: 48.478 ng

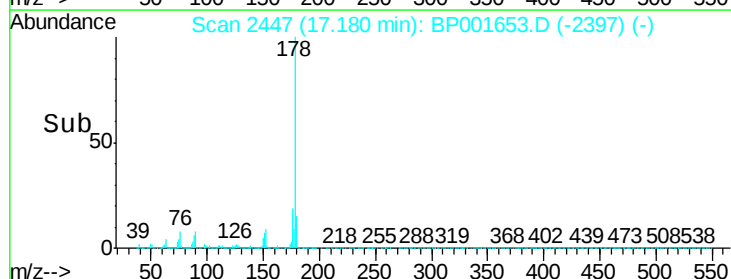
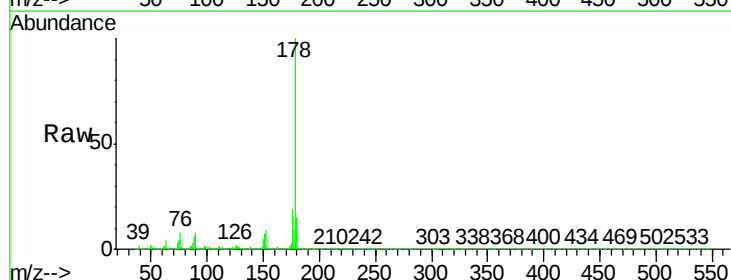
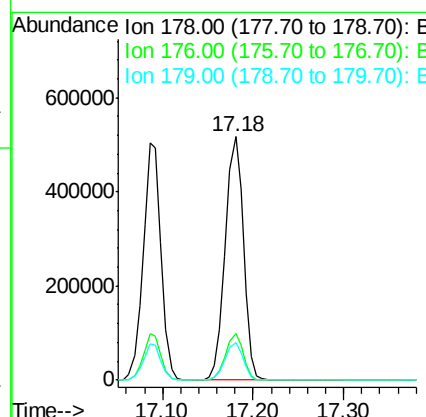
RT: 17.18 min Scan# 2447

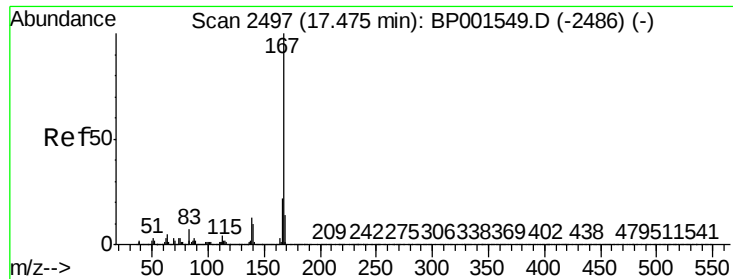
Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Tgt Ion:	178	Resp:	716834
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.0	22.6
179	15.4	11.8	17.8





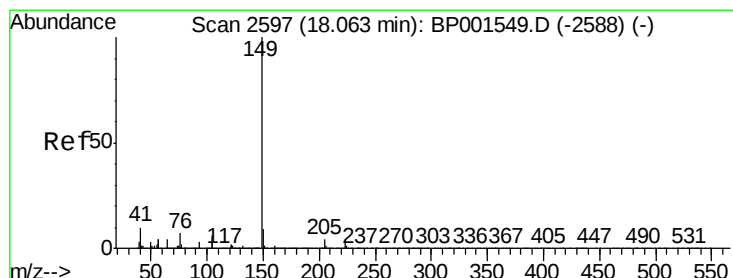
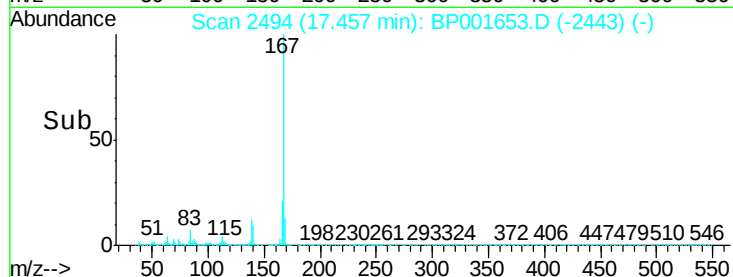
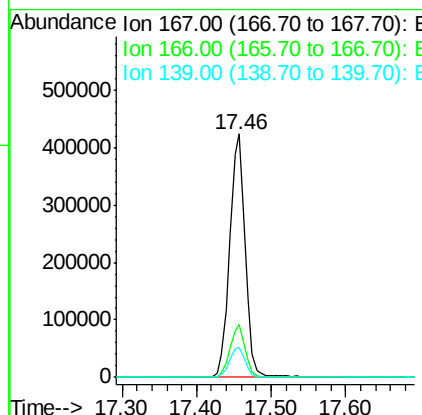
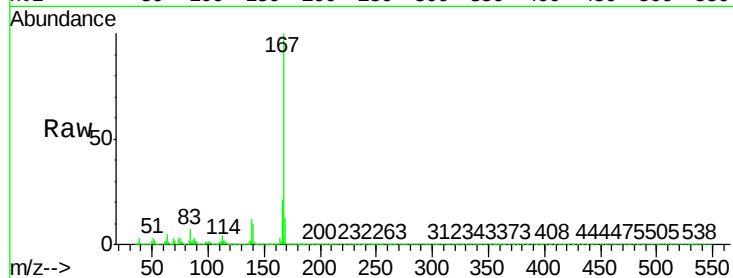
#73
 Carbazole
 Concen: 44.663 ng
 RT: 17.46 min Scan# 2494
 Delta R.T. -0.00 min
 Lab File: BP001653.D
 Acq: 17 Jan 2020 12:50

Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.2	10.0	15.0

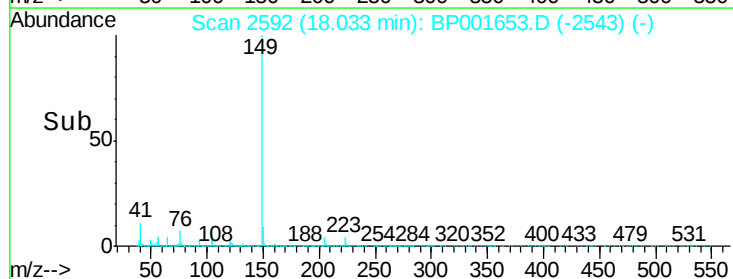
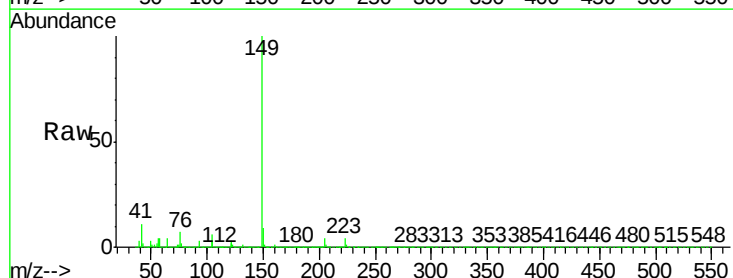
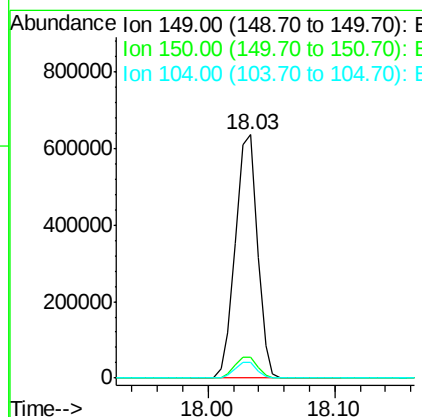
Manual Integrations
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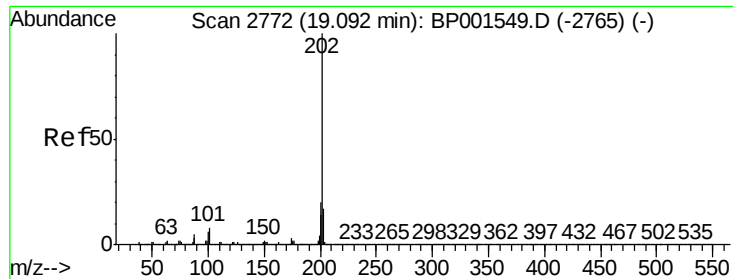
mohammad
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#74
 Di-n-butylphthalate
 Concen: 46.620 ng
 RT: 18.03 min Scan# 2592
 Delta R.T. -0.01 min
 Lab File: BP001653.D
 Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.0	10.6
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 43.589 ng

RT: 19.07 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Instrument :

BNA_P

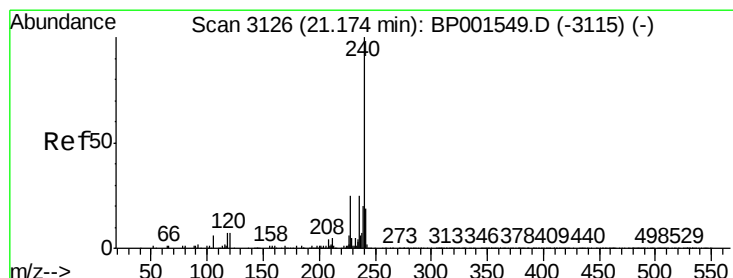
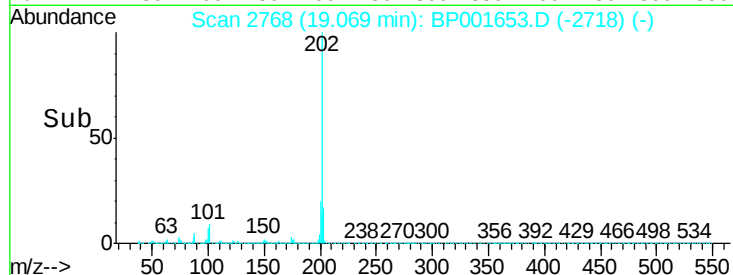
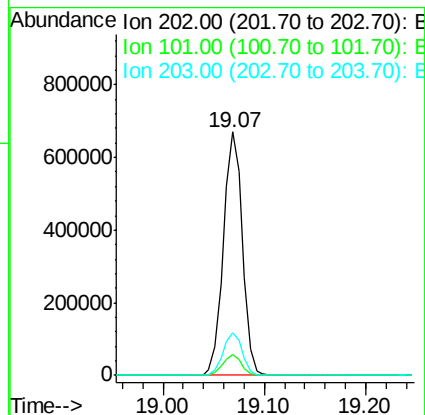
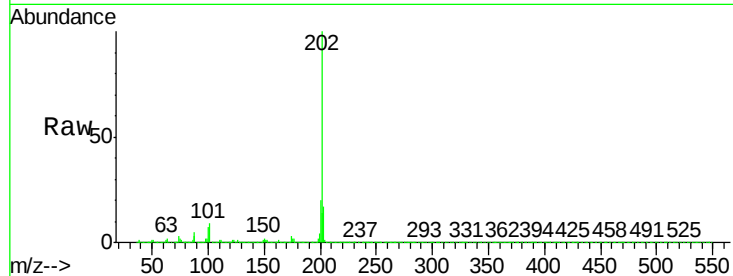
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	202	Resp:	871188
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	28.4
203	17.5	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

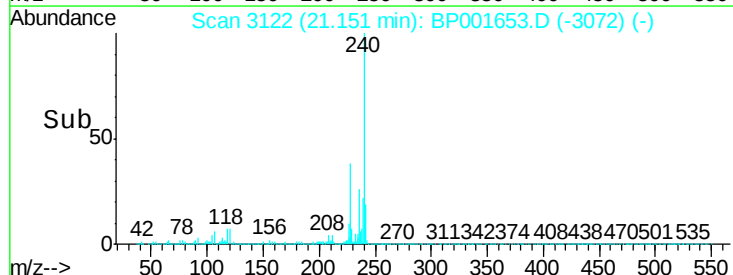
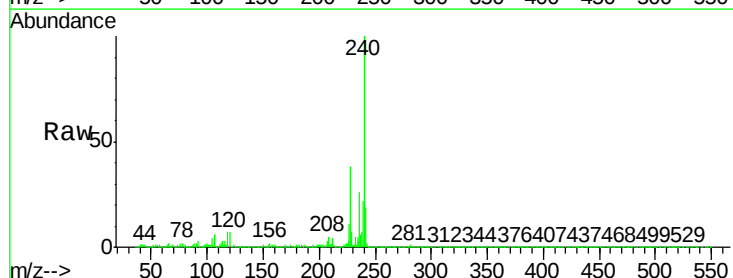
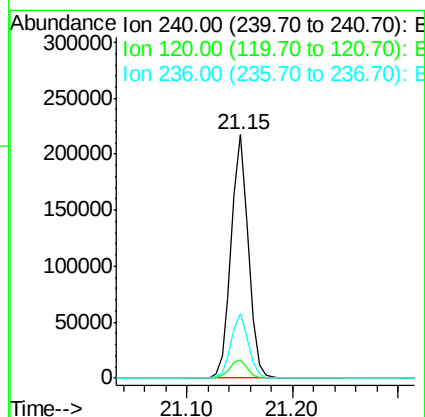
RT: 21.15 min Scan# 3122

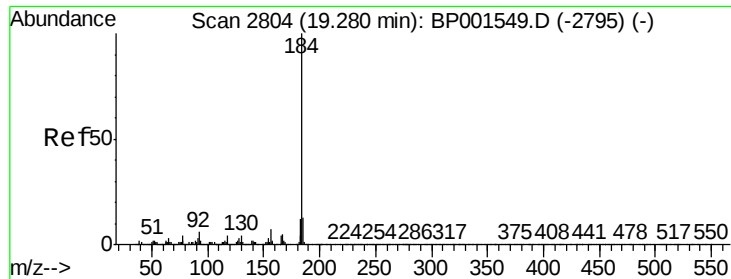
Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Tgt Ion:	240	Resp:	243516
Ion Ratio	Lower	Upper	
240	100		
120	7.3	5.7	8.5
236	26.3	20.4	30.6





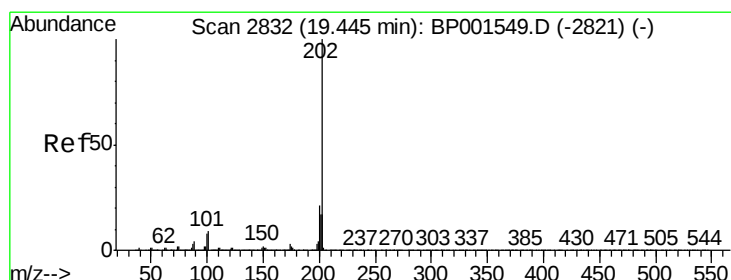
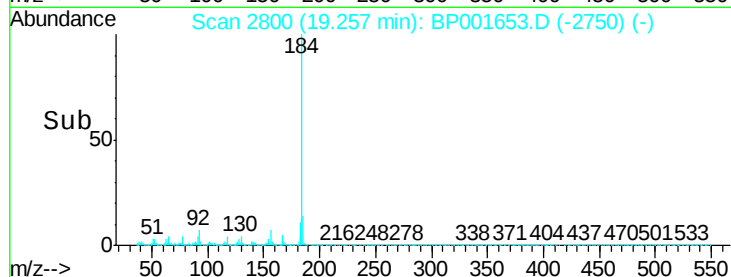
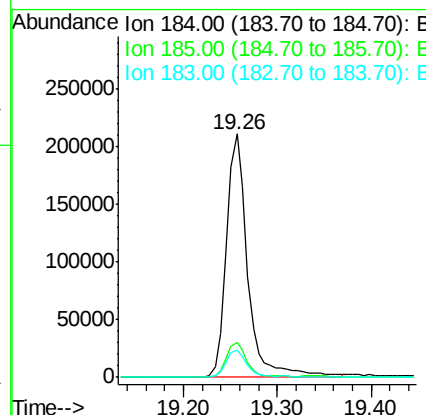
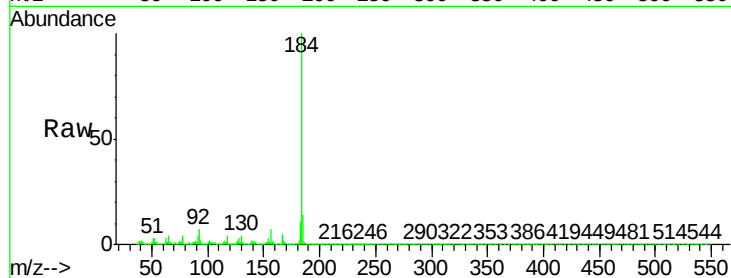
#77
Benzidine
Concen: 60.212 ng
RT: 19.26 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	10.6	16.0
183	11.4	9.4	14.0

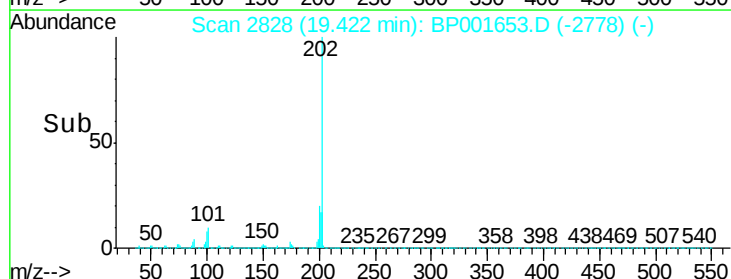
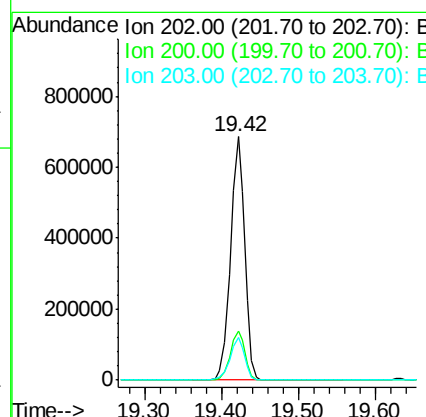
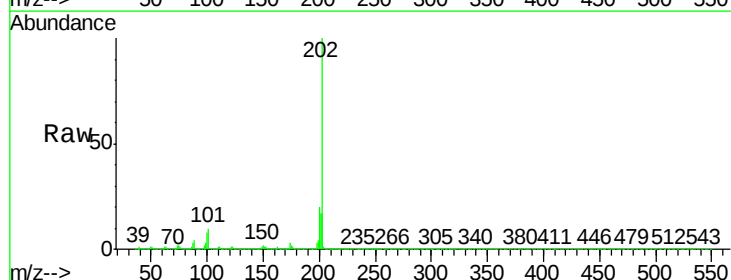
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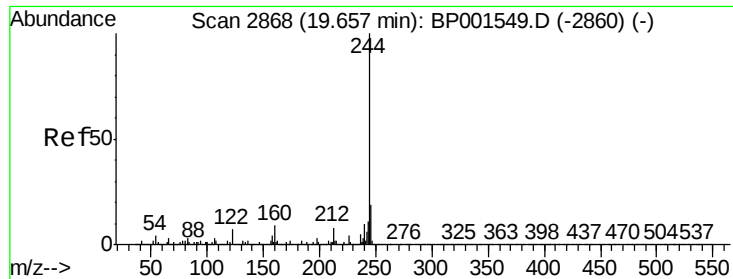
mohammad
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#78
Pyrene
Concen: 49.216 ng
RT: 19.42 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.6
203	17.3	13.7	20.5





#79

Terphenyl-d14

Concen: 73.999 ng

RT: 19.63 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Instrument :

BNA_P

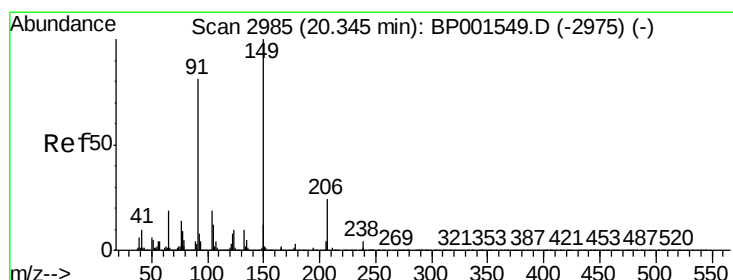
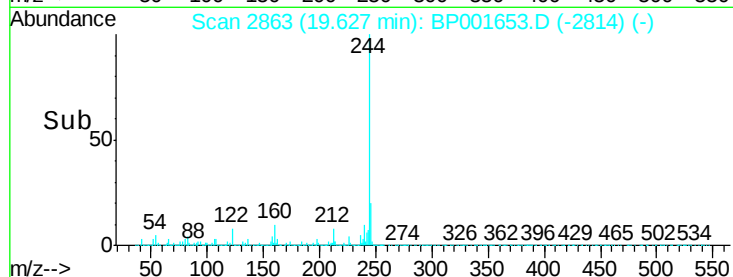
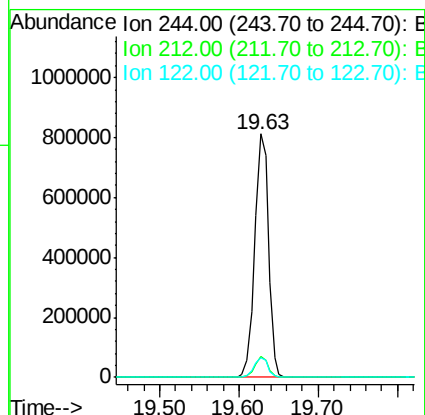
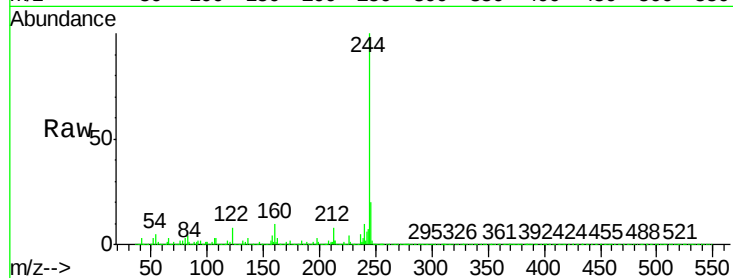
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	244	Resp:	985222
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.3	9.5
122	7.9	5.8	8.6

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#80

Butylbenzylphthalate

Concen: 49.633 ng

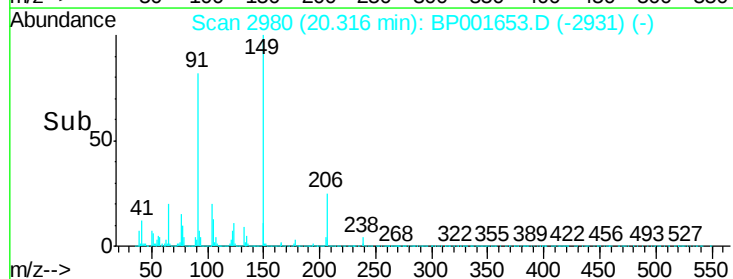
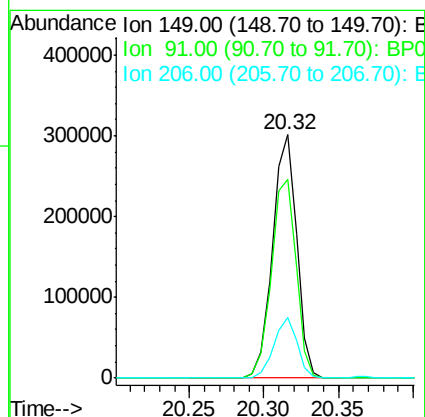
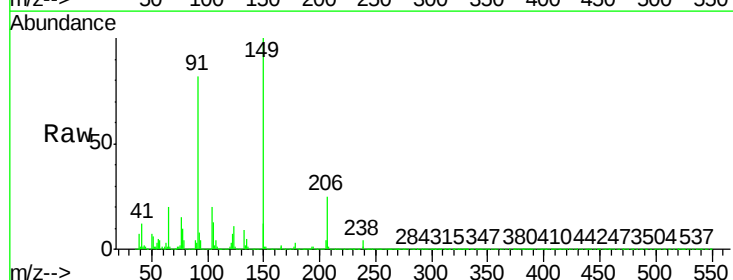
RT: 20.32 min Scan# 2980

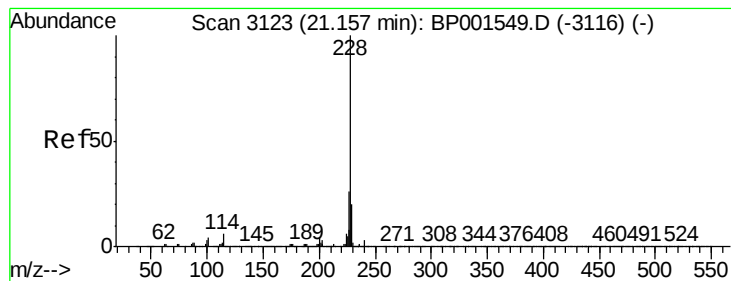
Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Tgt Ion:	149	Resp:	337449
Ion Ratio	Lower	Upper	
149	100		
91	81.5	64.8	97.2
206	24.7	19.4	29.0





#81

Benzo(a)anthracene

Concen: 46.675 ng

RT: 21.13 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Instrument :

BNA_P

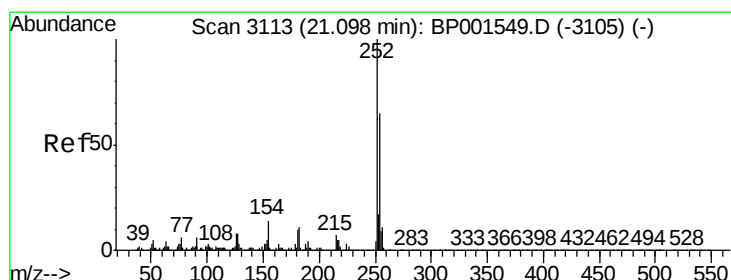
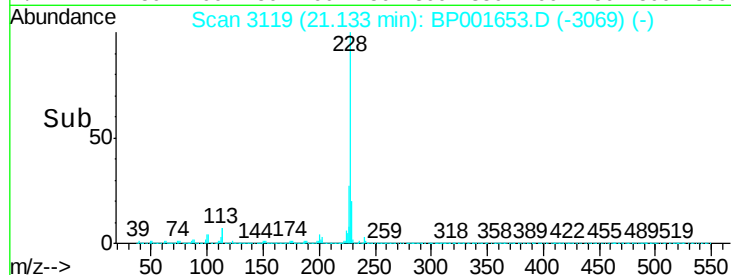
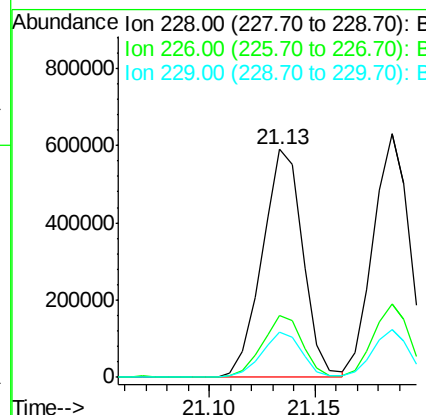
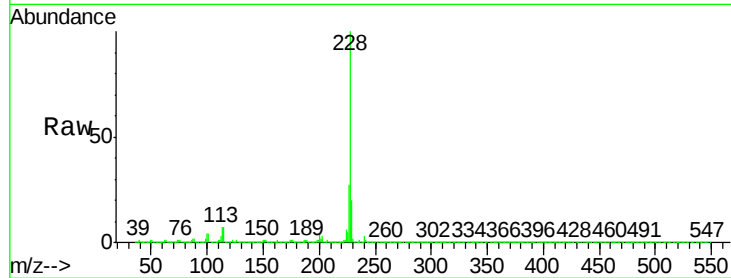
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	228	Resp:	791570
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.2	31.8
229	19.6	16.1	24.1

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#82

3,3'-Dichlorobenzidine

Concen: 36.437 ng

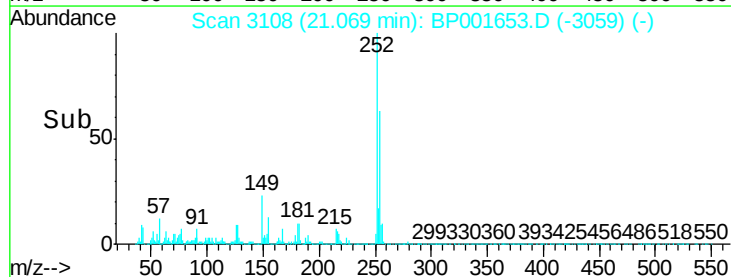
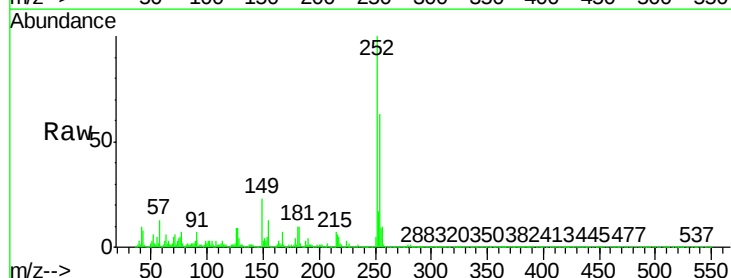
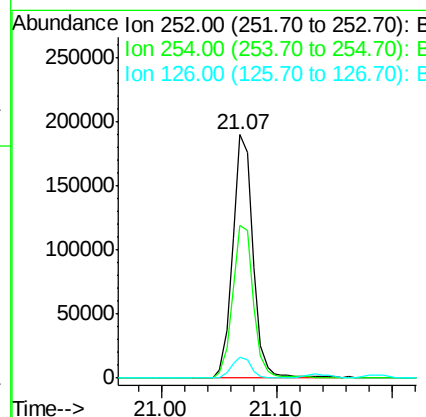
RT: 21.07 min Scan# 3108

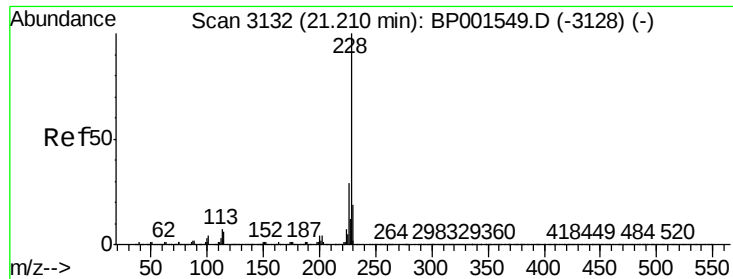
Delta R.T. -0.01 min

Lab File: BP001653.D

Acq: 17 Jan 2020 12:50

Tgt Ion:	252	Resp:	231722
Ion Ratio	Lower	Upper	
252	100		
254	62.9	52.2	78.2
126	8.8	6.6	9.8





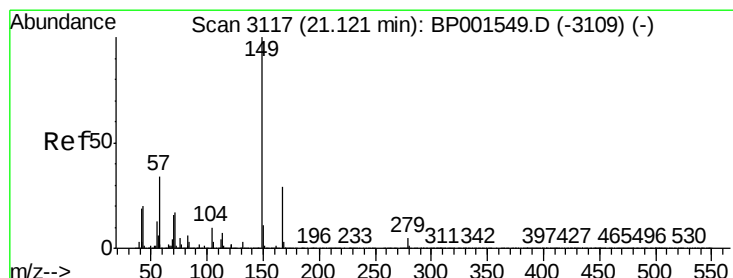
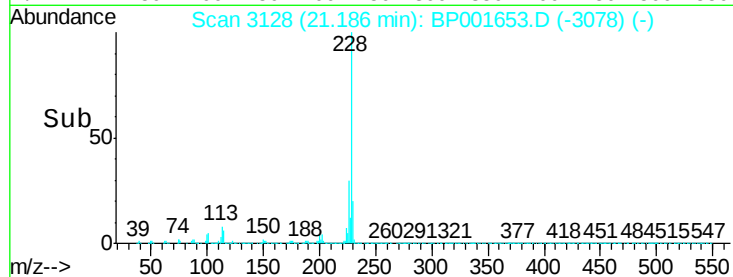
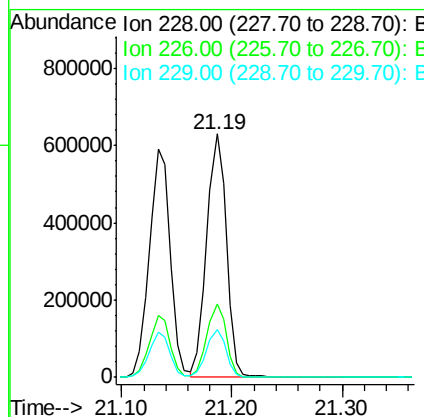
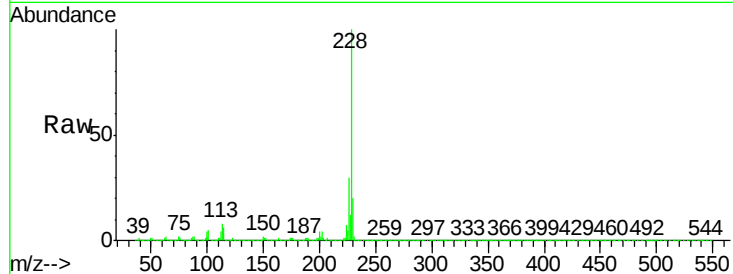
#83
 Chrysene
 Concen: 46.026 ng
 RT: 21.19 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BP001653.D
 Acq: 17 Jan 2020 12:50

Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

Tot Ion:	228	Resp:	760701
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.2	34.8
229	19.8	15.2	22.8

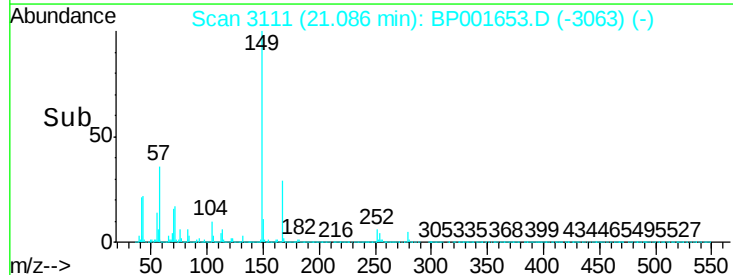
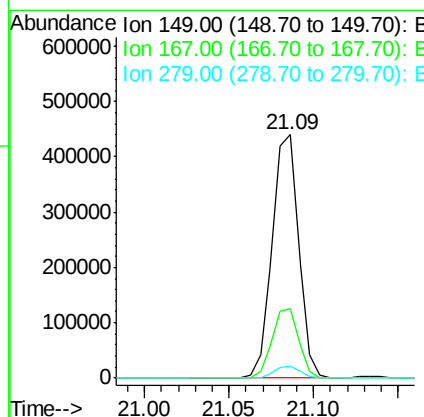
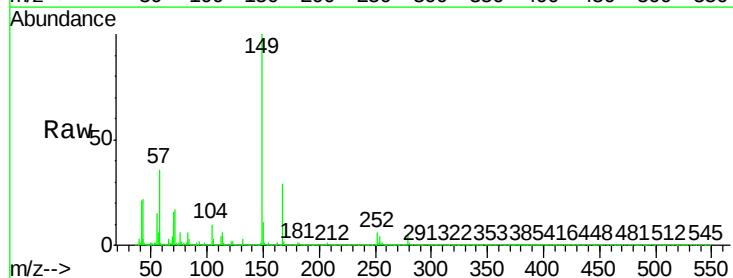
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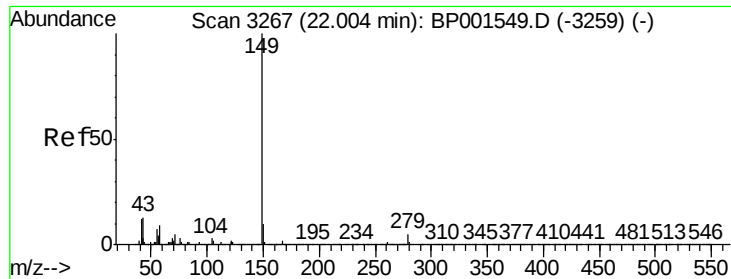
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.409 ng
 RT: 21.09 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BP001653.D
 Acq: 17 Jan 2020 12:50

Tgt Ion:	149	Resp:	479144
Ion Ratio	Lower	Upper	
149	100		
167	28.7	23.5	35.3
279	5.0	4.0	6.0





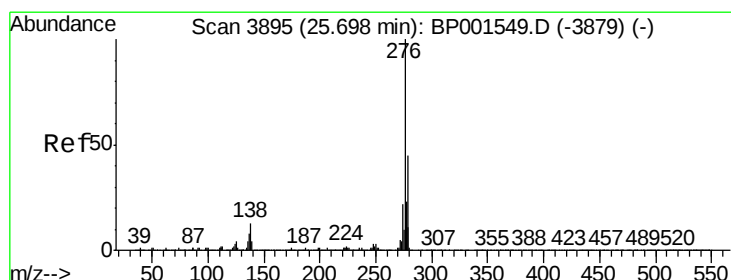
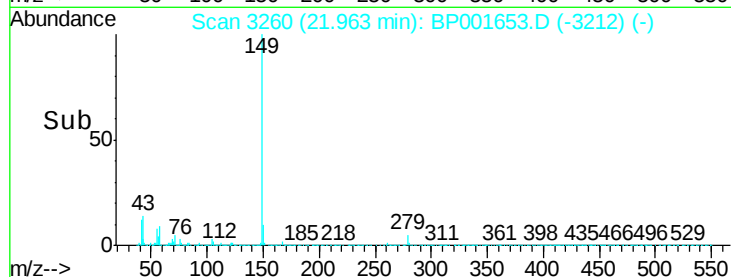
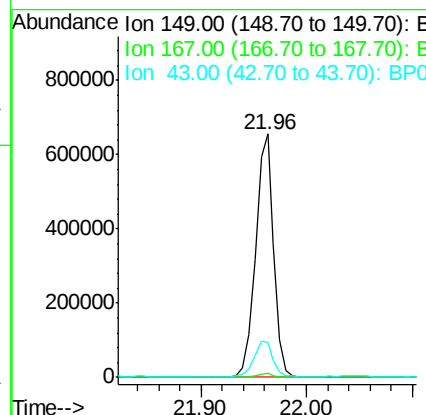
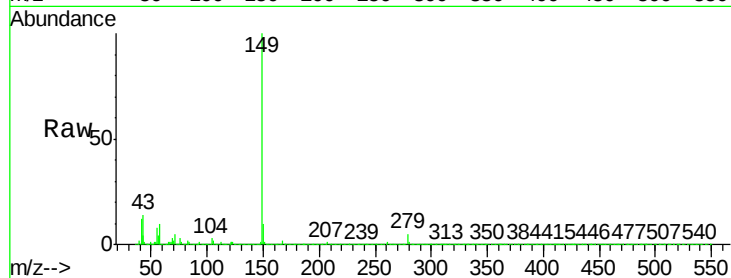
#85
Di-n-octyl phthalate
Concen: 52.276 ng
RT: 21.96 min Scan# 3260
Delta R.T. -0.02 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.4	2.0
43	15.3	10.7	16.1

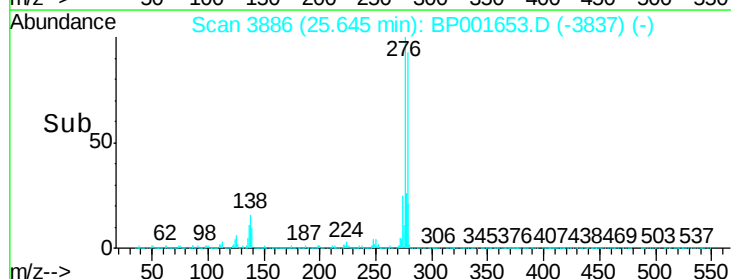
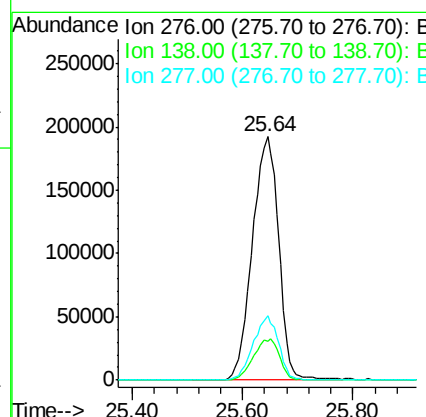
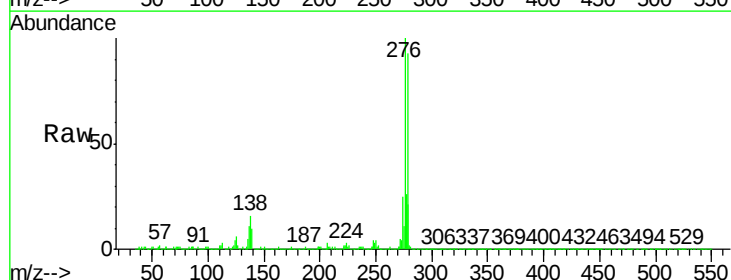
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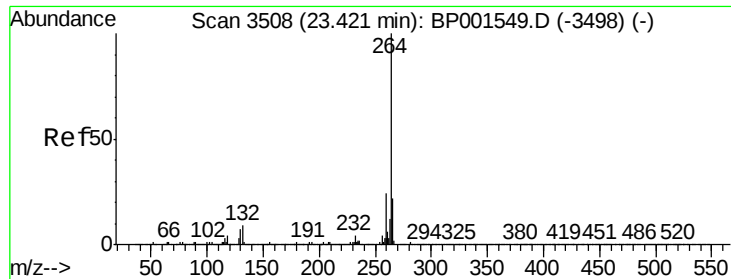
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#86
Indeno(1,2,3-cd)pyrene
Concen: 32.730 ng
RT: 25.64 min Scan# 3886
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	16.9	11.1	16.7#
277	25.3	20.4	30.6





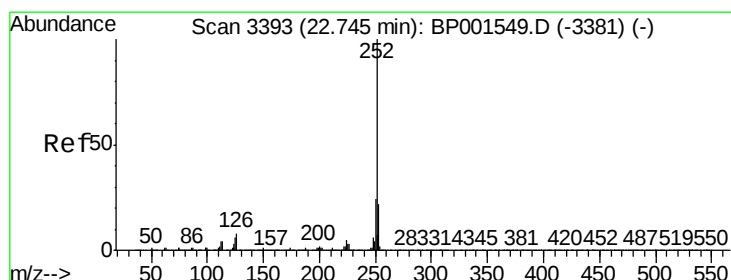
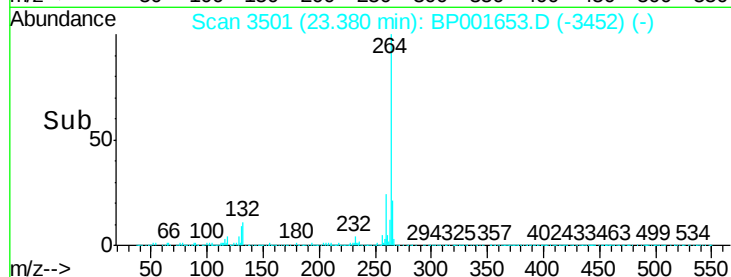
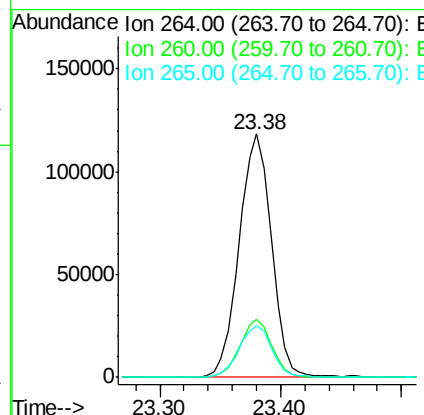
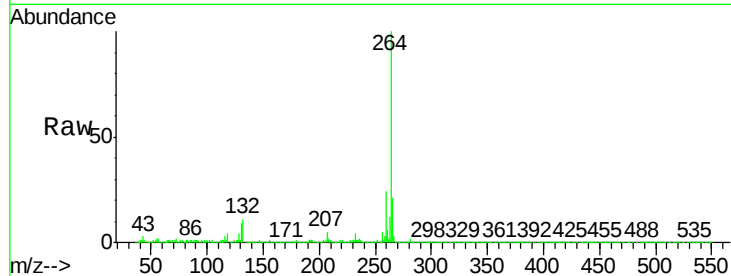
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.4	18.2	27.4

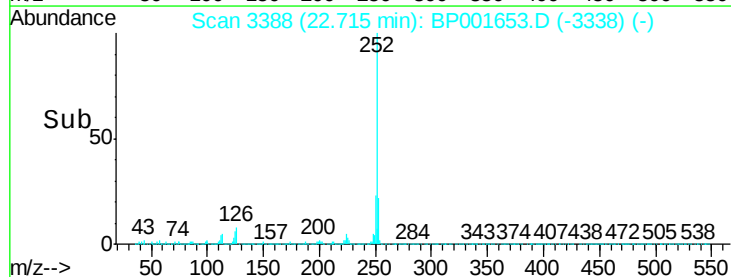
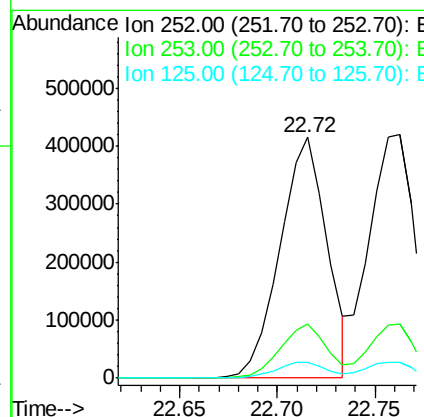
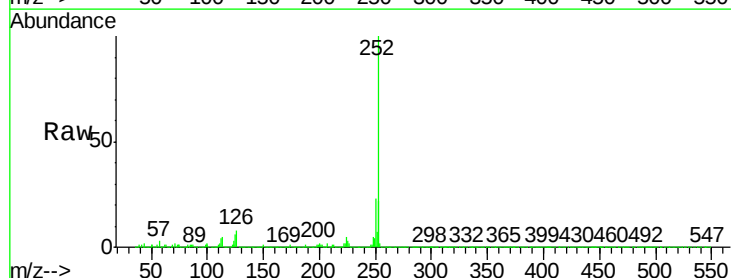
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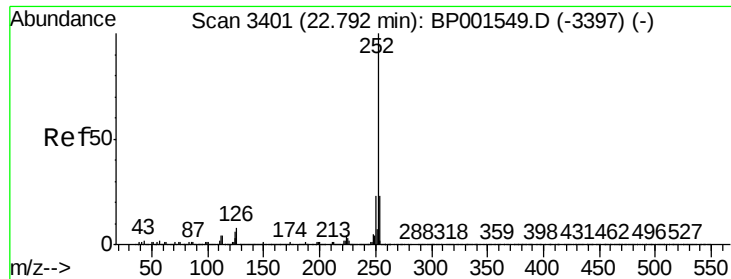
mohammad
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#88
Benzo(b)fluoranthene
Concen: 49.447 ng
RT: 22.72 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	6.4	4.6	7.0





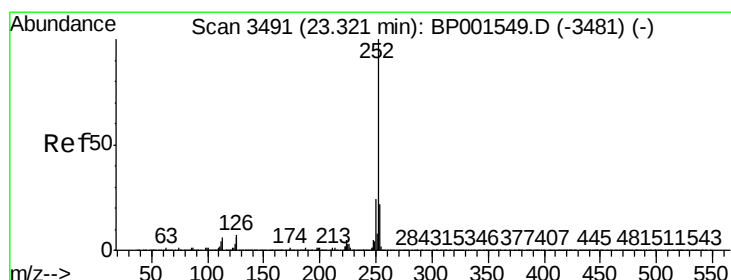
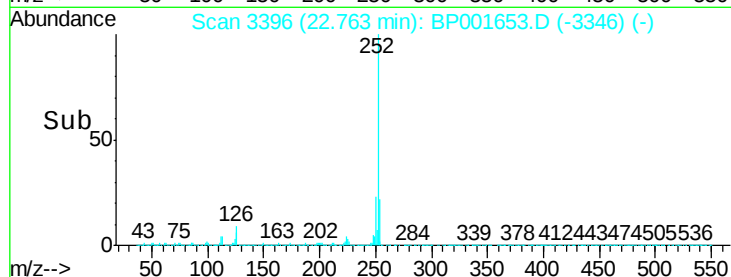
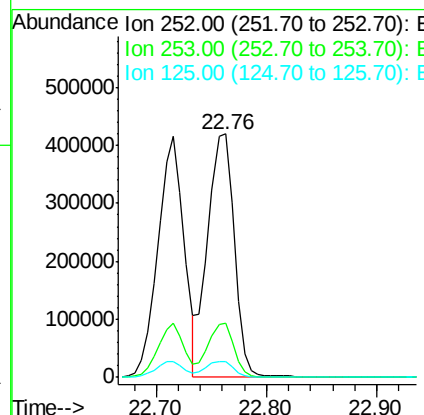
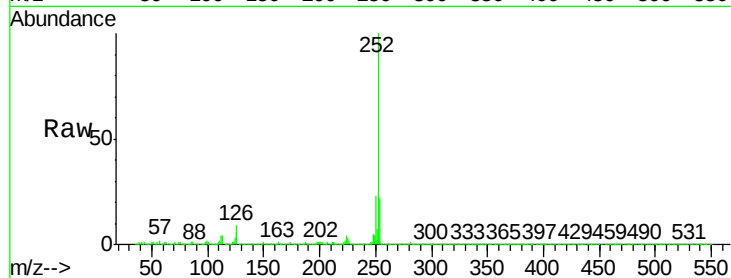
#89
Benzo(k)fluoranthene
Concen: 50.866 ng
RT: 22.76 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	6.4	4.6	6.8

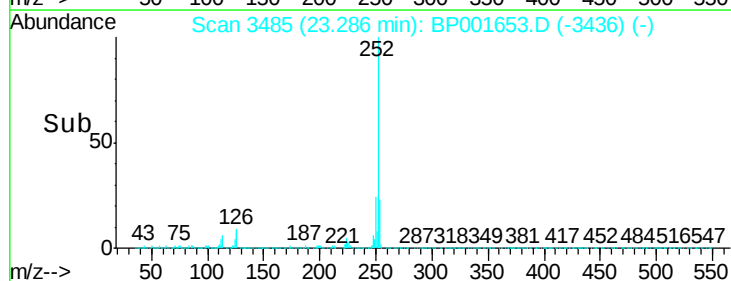
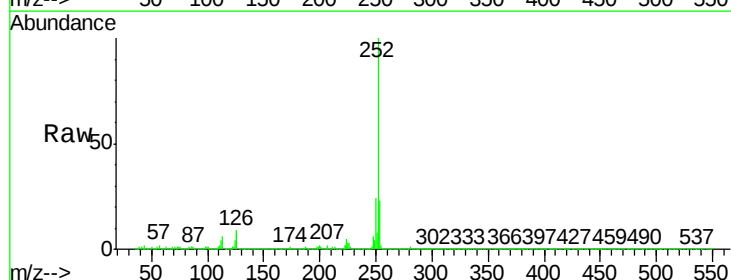
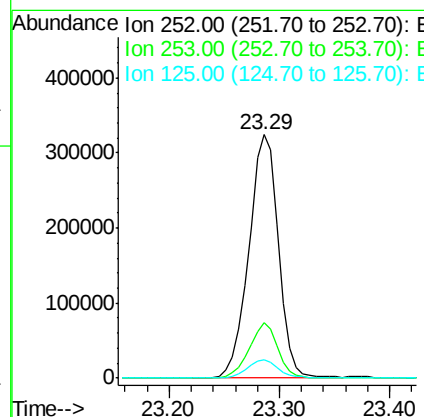
Manual Integrations
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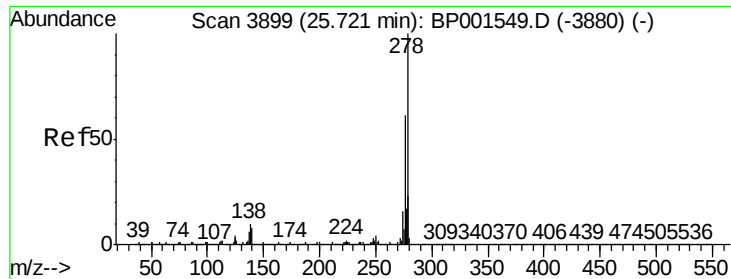
mohammad
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#90
Benzo(a)pyrene
Concen: 46.041 ng
RT: 23.29 min Scan# 3485
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	7.3	5.0	7.4





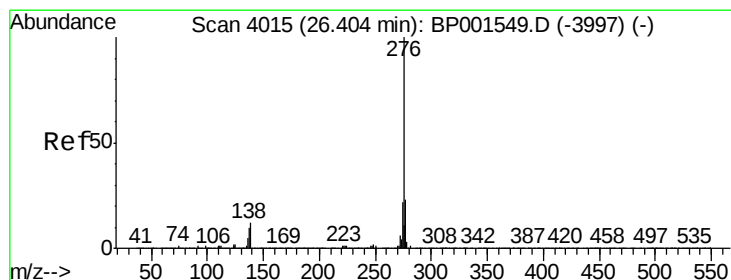
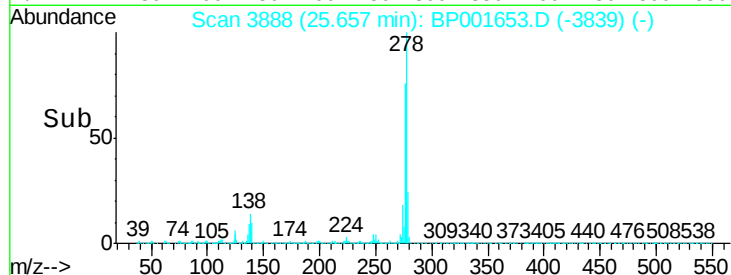
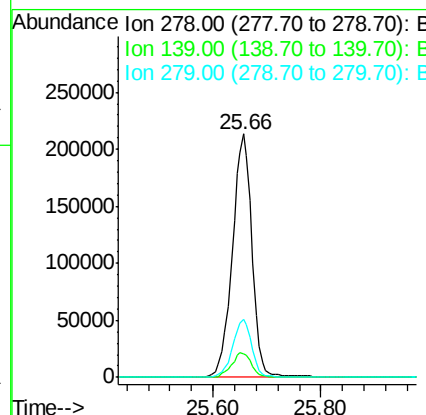
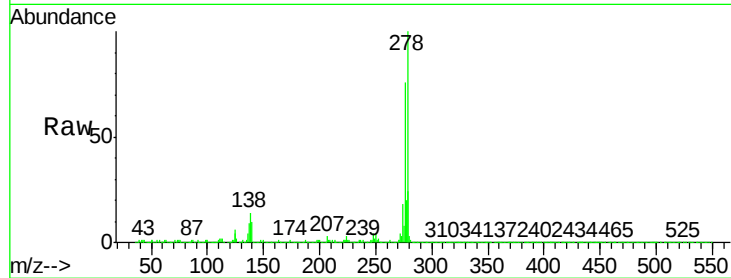
#91
Dibenzo(a,h)anthracene
Concen: 39.849 ng
RT: 25.66 min Scan# 3888
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.7	6.7	10.1
279	23.6	18.6	28.0

Manual Integrations
APPROVED

mohammad
1/21/2020 7:52:49 AM



#92
Benzo(g,h,i)perylene
Concen: 38.027 ng
RT: 26.33 min Scan# 4002
Delta R.T. -0.01 min
Lab File: BP001653.D
Acq: 17 Jan 2020 12:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	14.2	9.4	14.2

