

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001178.D
 Acq On : 04 Dec 2019 02:36
 Operator : JU
 Sample : K6012-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 211MSD

Manual Integrations
 APPROVED

mohammad
 12/4/2019 5:01:01 PM

Quant Time: Dec 04 07:00:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	108452	20.00	ng	-0.01
21) Naphthalene-d8	10.35	136	399751	20.00	ng	-0.01
39) Acenaphthene-d10	13.22	164	222061	20.00	ng	-0.02
64) Phenanthrene-d10	15.61	188	425488	20.00	ng	-0.02
76) Chrysene-d12	19.26	240	322233	20.00	ng	-0.02
87) Perylene-d12	21.02	264	341985	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	855762	130.91	ng	0.00
7) Phenol-d6	7.77	99	1184728	136.04	ng	0.00
23) Nitrobenzene-d5	9.20	82	783950	85.08	ng	-0.01
42) 2,4,6-Tribromophenol	14.51	330	293916	138.09	ng	-0.01
45) 2-Fluorobiphenyl	12.13	172	1255126	82.72	ng	-0.02
79) Terphenyl-d14	17.89	244	1428352	82.01	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	117535	38.494	ng	94
3) Pyridine	3.46	79	306660	36.194	ng	92
4) n-Nitrosodimethylamine	3.37	42	191803	52.315	ng	# 78
6) Aniline	7.79	93	288541	24.989	ng	# 1
8) 2-Chlorophenol	7.98	128	318985	47.164	ng	98
9) Benzaldehyde	7.61	77	154622	28.167	ng	99
10) Phenol	7.79	94	466322	47.075	ng	93
11) bis(2-Chloroethyl)ether	7.92	93	339636	44.030	ng	99
12) 1,3-Dichlorobenzene	8.22	146	347276	43.321	ng	96
13) 1,4-Dichlorobenzene	8.34	146	357183	44.231	ng	99
14) 1,2-Dichlorobenzene	8.58	146	333197	43.842	ng	99
15) Benzyl Alcohol	8.55	79	353429	49.439	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	516580	41.655	ng	99
17) 2-Methylphenol	8.74	107	280369	45.192	ng	95
18) Hexachloroethane	9.12	117	146965	43.994	ng	99
19) n-Nitroso-di-n-propylamine	8.99	70	272858	43.421	ng	95
20) 3+4-Methylphenols	8.98	107	364970	46.669	ng	97
22) Acetophenone	8.96	105	525087	44.691	ng	# 96
24) Nitrobenzene	9.23	77	425635	46.456	ng	98
25) Isophorone	9.62	82	735348	44.506	ng	99
26) 2-Nitrophenol	9.74	139	161988	48.269	ng	91
27) 2,4-Dimethylphenol	9.83	122	283741	53.377	ng	95
28) bis(2-Chloroethoxy)methane	9.99	93	425609	41.057	ng	99
29) 2,4-Dichlorophenol	10.13	162	283165	46.803	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	311440	44.072	ng	98
31) Naphthalene	10.39	128	923005	45.209	ng	99
32) Benzoic acid	10.02	122	194675	50.656	ng	95
33) 4-Chloroaniline	10.48	127	96511	10.893	ng	97
34) Hexachlorobutadiene	10.61	225	194708	43.800	ng	99
35) Caprolactam	11.06	113	92493m	44.357	ng	
36) 4-Chloro-3-methylphenol	11.29	107	336536	46.915	ng	98
37) 2-Methylnaphthalene	11.52	142	623373	44.747	ng	98
38) 1-Methylnaphthalene	11.68	142	583397	44.331	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	308428	44.073	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	333346	103.253	nq	98
43) 2,4,6-Trichlorophenol	11.98	196	208515	45.634	nq	99
44) 2,4,5-Trichlorophenol	12.04	196	222908	47.083	nq	96
46) 1,1'-Biphenyl	12.29	154	767265	44.708	nq	99
47) 2-Chloronaphthalene	12.30	162	603265	44.007	nq	97
48) 2-Nitroaniline	12.48	65	240422	44.750	nq	99
49) Acenaphthylene	12.98	152	970094	47.211	nq	100
50) Dimethylphthalate	12.81	163	864875	52.076	nq	100
51) 2,6-Dinitrotoluene	12.89	165	161617	45.459	nq	96
52) Acenaphthene	13.27	154	549862	44.486	nq	98
53) 3-Nitroaniline	13.15	138	78352	19.619	nq	99
54) 2,4-Dinitrophenol	13.33	184	109800	76.001	nq	86
55) Dibenzofuran	13.56	168	855432	46.056	nq	98
56) 4-Nitrophenol	13.45	139	272009	96.118	nq	82
57) 2,4-Dinitrotoluene	13.55	165	213022	47.803	nq	# 85
58) Fluorene	14.12	166	681861	45.814	nq	97
59) 2,3,4,6-Tetrachlorophenol	13.76	232	181129m	46.542	nq	
60) Diethylphthalate	13.98	149	731482	42.537	nq	100
61) 4-Chlorophenyl-phenylether	14.13	204	336842	44.445	nq	99
62) 4-Nitroaniline	12.48	138	198830	42.942	nq	94
63) Azobenzene	14.39	77	838177	45.092	nq	96
65) 4,6-Dinitro-2-methylphenol	14.21	198	80349	44.550	nq	98
66) n-Nitrosodiphenylamine	14.33	169	588279	45.504	nq	99
67) 4-Bromophenyl-phenylether	14.93	248	197484	42.751	nq	97
68) Hexachlorobenzene	15.01	284	218395	43.004	nq	95
69) Atrazine	15.22	200	185574	47.012	nq	96
70) Pentachlorophenol	15.33	266	257376	97.237	nq	96
71) Phenanthrene	15.65	178	1014145	45.336	nq	99
72) Anthracene	15.73	178	1039119	47.129	nq	100
73) Carbazole	15.97	167	938081	46.757	nq	99
74) Di-n-butylphthalate	16.53	149	1161803	43.069	nq	99
75) Fluoranthene	17.36	202	1111364	46.930	nq	99
77) Benzidine	17.55	184	329900	39.652	nq	97
78) Pyrene	17.66	202	1135422	44.737	nq	100
80) Butylbenzylphthalate	18.55	149	496916	42.390	nq	97
81) Benzo(a)anthracene	19.24	228	986799	44.169	nq	100
82) 3,3'-Dichlorobenzidine	19.21	252	252805	34.252	nq	98
83) Chrysene	19.29	228	922908	46.131	nq	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	655089	40.646	nq	100
85) Di-n-octyl phthalate	20.07	149	1157598	40.433	nq	98
86) Indeno(1,2,3-cd)pyrene	22.67	276	1028611	43.626	nq	97
88) Benzo(b)fluoranthene	20.54	252	941345	45.065	nq	99
89) Benzo(k)fluoranthene	20.57	252	904547	44.961	nq	99
90) Benzo(a)pyrene	20.96	252	893827	46.456	nq	99
91) Dibenzo(a,h)anthracene	22.70	278	856204	45.473	nq	97
92) Benzo(g,h,i)perylene	23.17	276	859294	46.218	nq	97

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

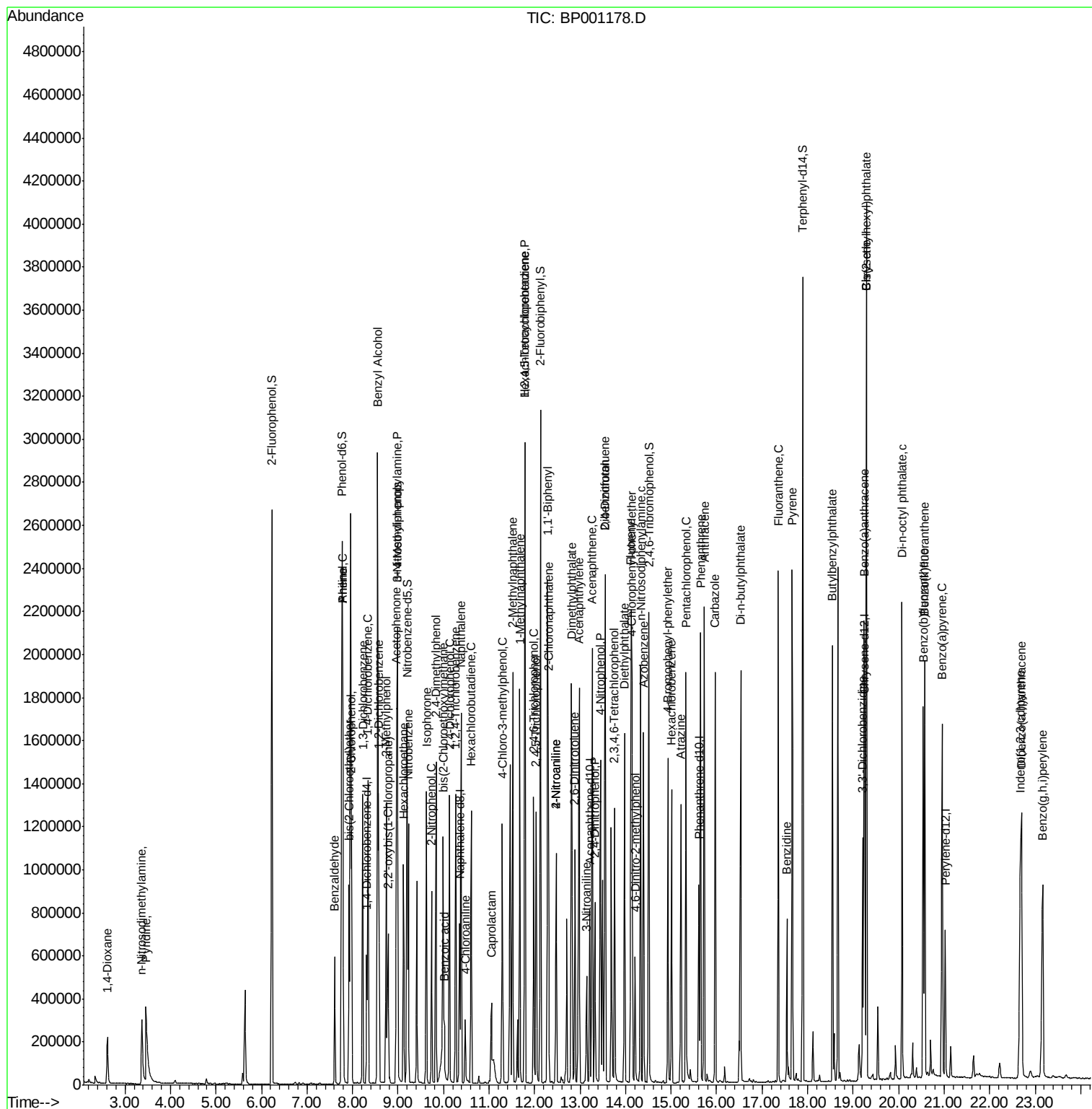
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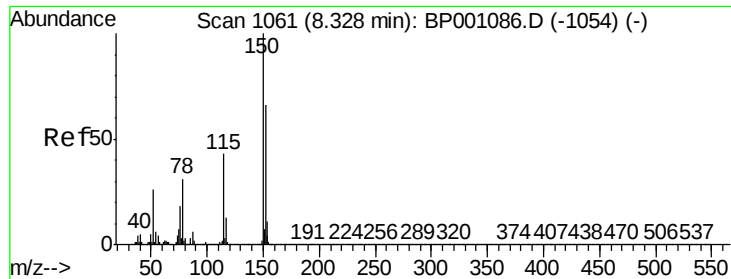
Instrument :
BNA_P
ClientSampled :
211MSD

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Instrument :

BNA_P

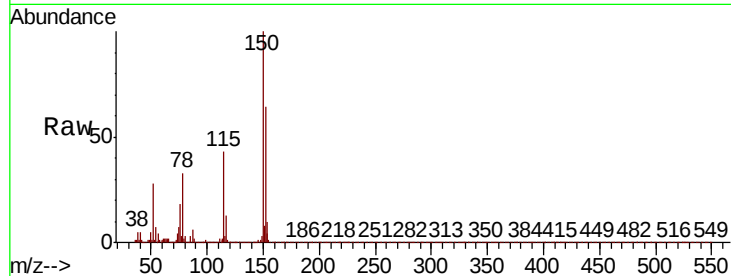
ClientSampleId :

211MSD

Tot Ion:	152	Resp:	108452
Ion Ratio	Lower	Upper	
152	100		
150	155.9	120.6	181.0
115	66.5	51.6	77.4

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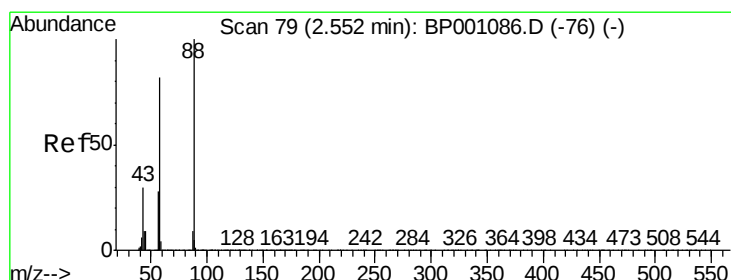
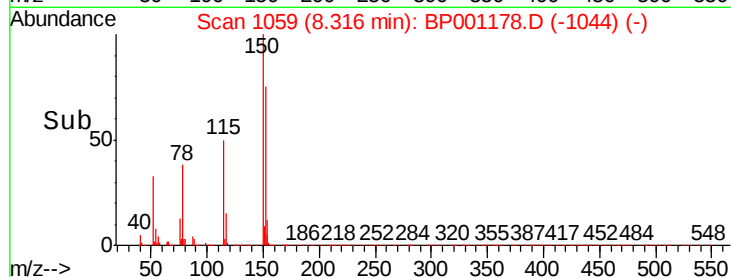
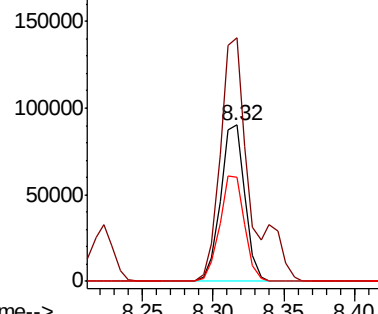


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.494 ng

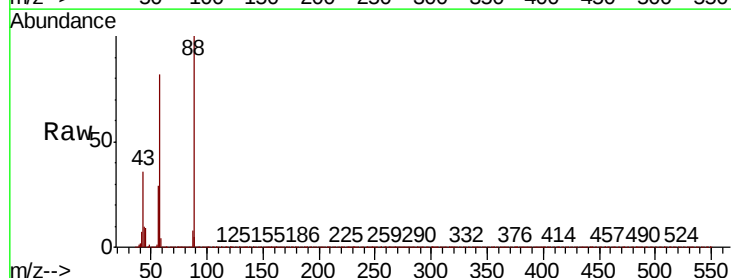
RT: 2.61 min Scan# 89

Delta R.T. 0.06 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Tgt Ion:	88	Resp:	117535
Ion Ratio	Lower	Upper	
88	100		
58	84.3	64.3	96.5
43	35.2	23.8	35.6

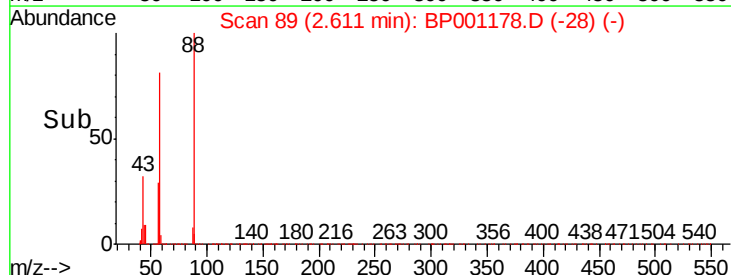
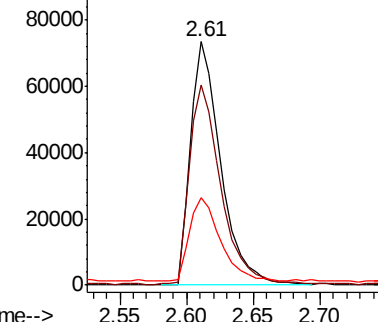


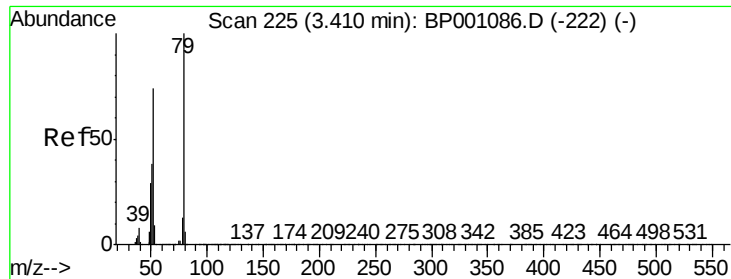
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 36.194 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.05 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Instrument :

BNA_P

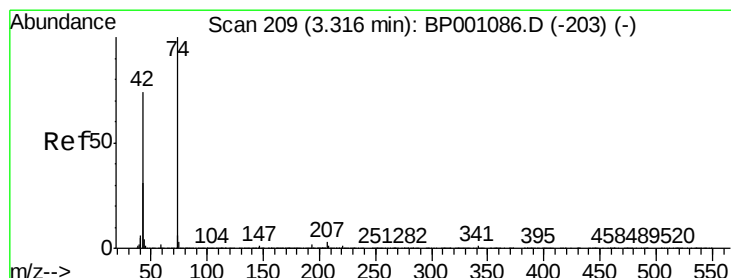
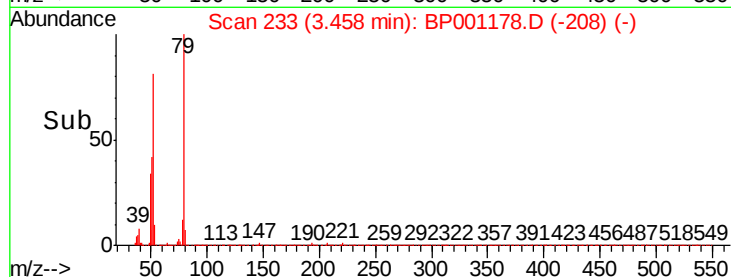
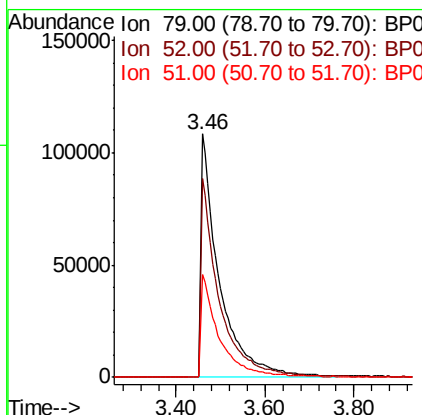
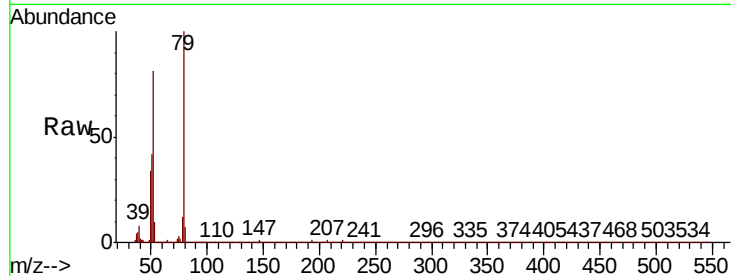
ClientSampleId :

211MSD

Tot Ion:	79	Resp:	306660
Ion Ratio	Lower	Upper	
79	100		
52	81.5	59.4	89.2
51	42.1	30.2	45.4

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#4

n-Nitrosodimethylamine

Concen: 52.315 ng

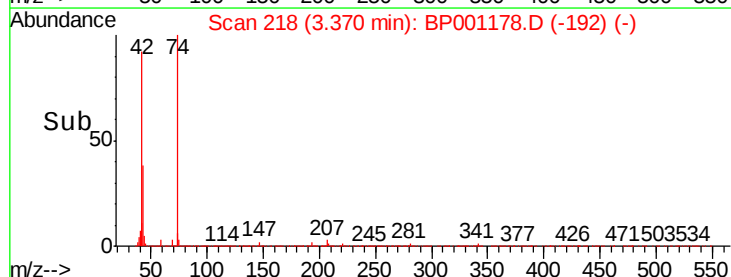
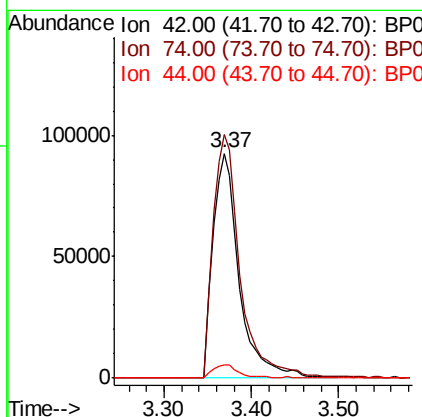
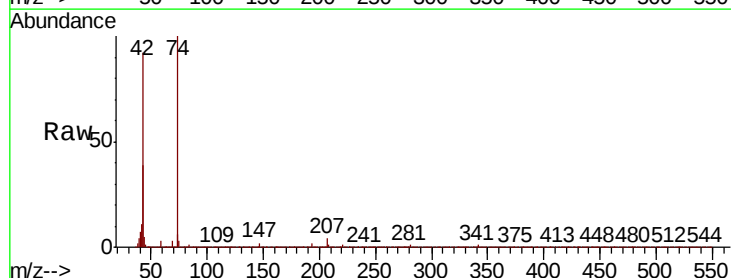
RT: 3.37 min Scan# 218

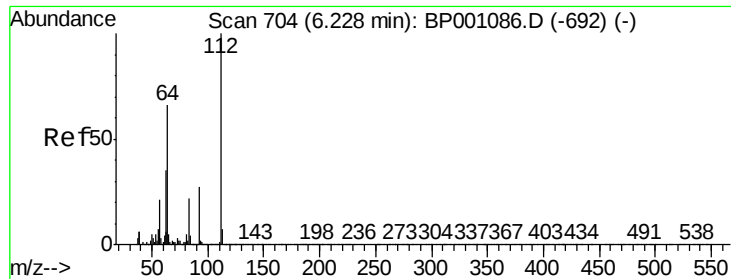
Delta R.T. 0.05 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Tgt Ion:	42	Resp:	191803
Ion Ratio	Lower	Upper	
42	100		
74	108.4	108.6	163.0#
44	5.8	5.1	7.7





#5

2-Fluorophenol

Concen: 130.913 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Instrument :

BNA_P

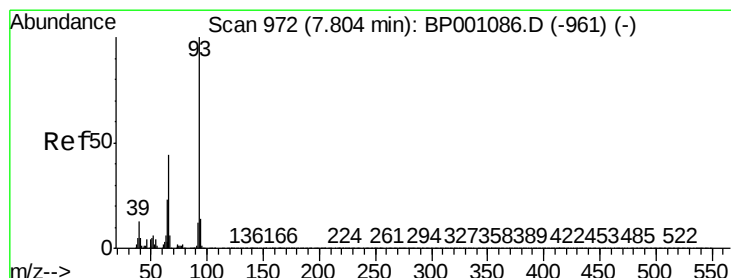
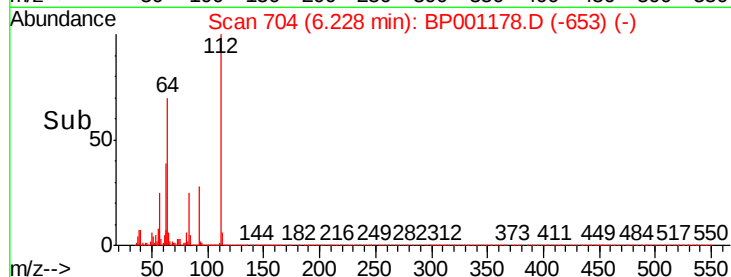
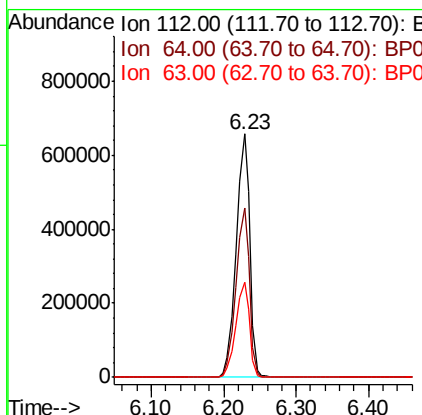
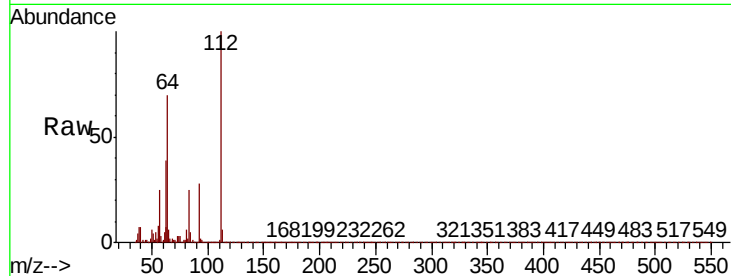
ClientSampleId :

211MSD

Tot Ion:	112	Resp:	855762
Ion Ratio	Lower	Upper	
112	100		
64	69.6	52.8	79.2
63	39.2	28.2	42.2

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#6

Aniline

Concen: 24.989 ng

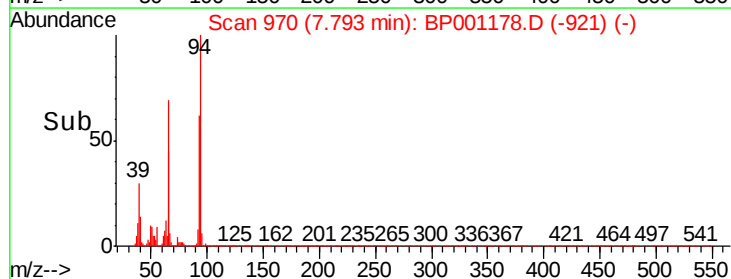
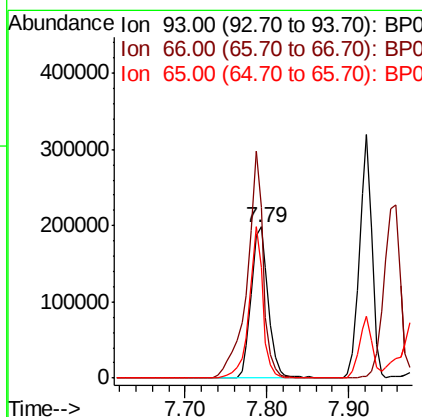
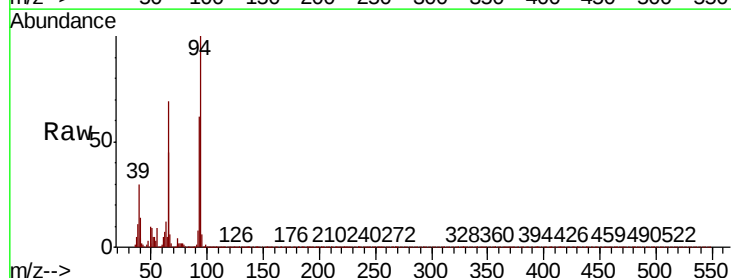
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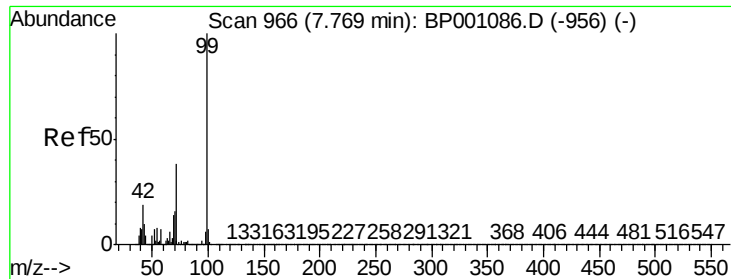
Delta R.T. -0.01 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Tgt Ion:	93	Resp:	288541
Ion Ratio	Lower	Upper	
93	100		
66	112.4	34.9	52.3#
65	73.4	18.5	27.7#





#7

Phenol-d6

Concen: 136.039 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

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211MSD

Tot Ion: 99 Resp: 1184728

Ion Ratio Lower Upper

99 100

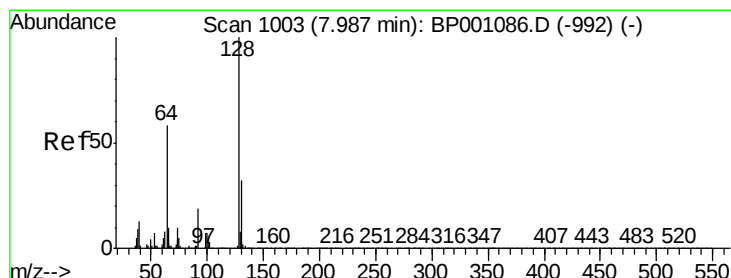
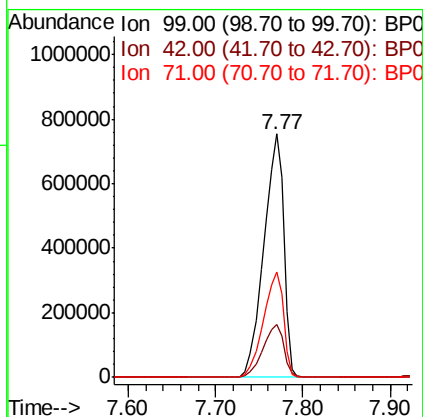
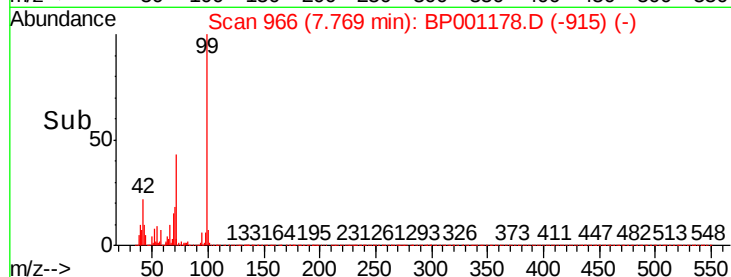
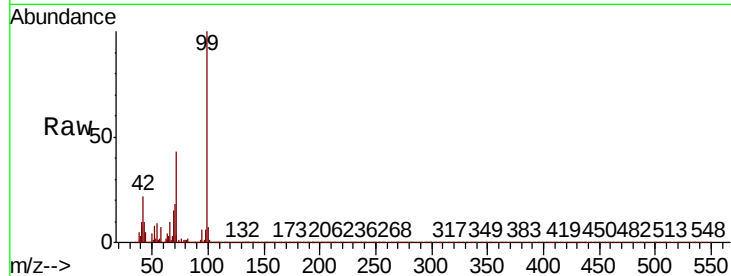
42 21.9 15.4 23.0

71 43.2 30.8 46.2

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#8

2-Chlorophenol

Concen: 47.164 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

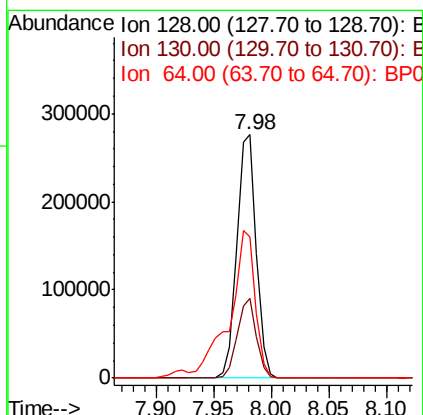
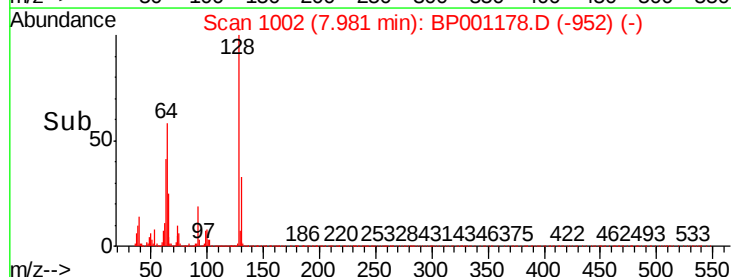
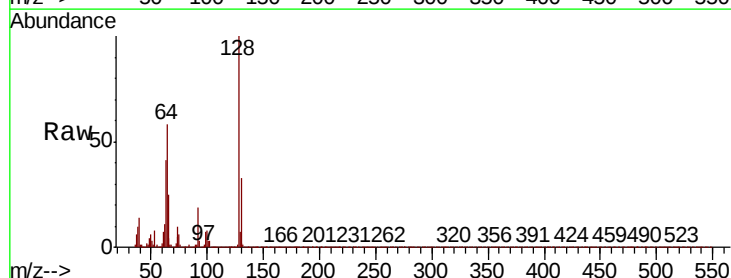
Tgt Ion:128 Resp: 318985

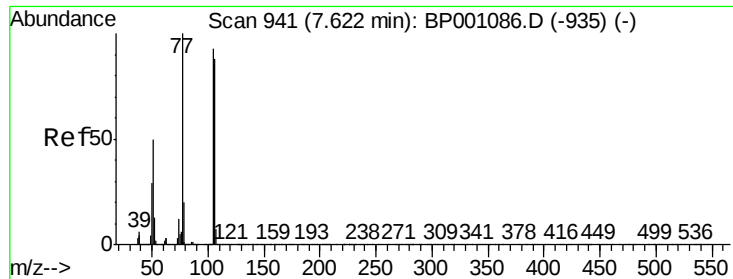
Ion Ratio Lower Upper

128 100

130 32.6 11.7 51.7

64 58.2 39.7 79.7





#9

Benzaldehyde

Concen: 28.167 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

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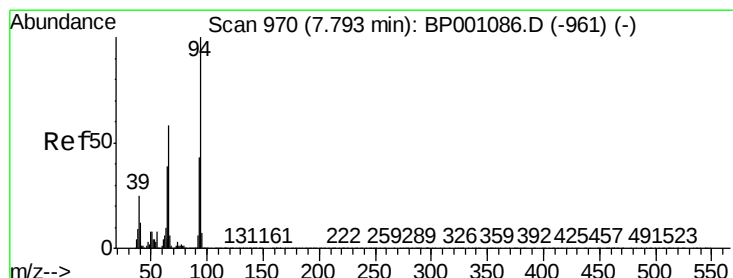
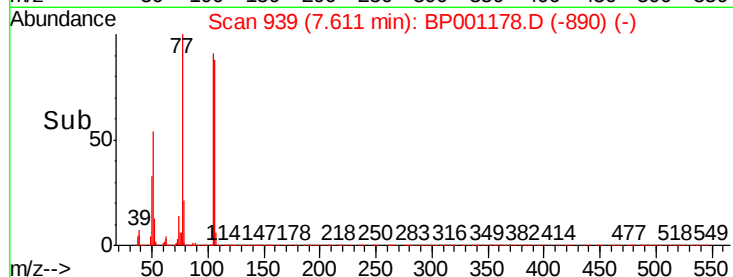
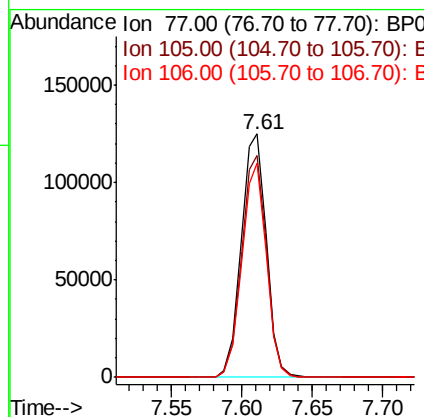
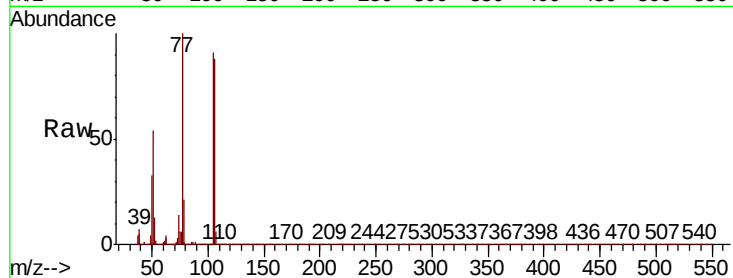
ClientSampleId :

211MSD

Tot Ion:	77	Resp:	154622
Ion Ratio	Lower	Upper	
77	100		
105	91.3	72.5	112.5
106	88.1	67.6	107.6

Manual Integrations
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#10

Phenol

Concen: 47.075 ng

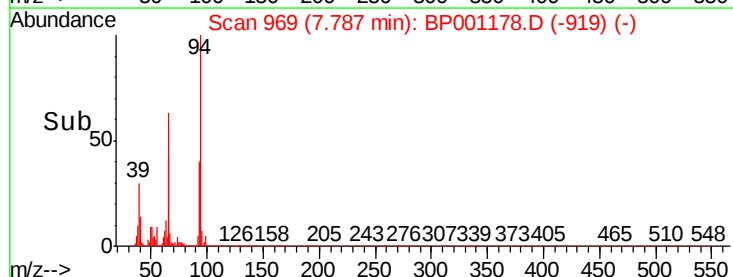
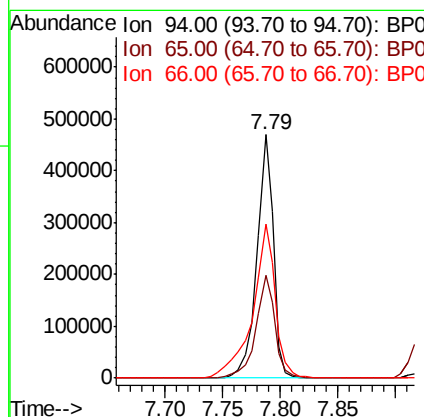
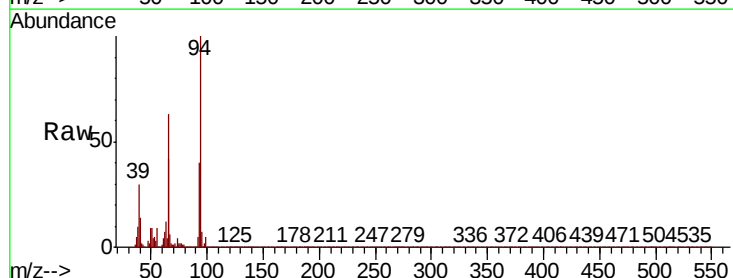
RT: 7.79 min Scan# 969

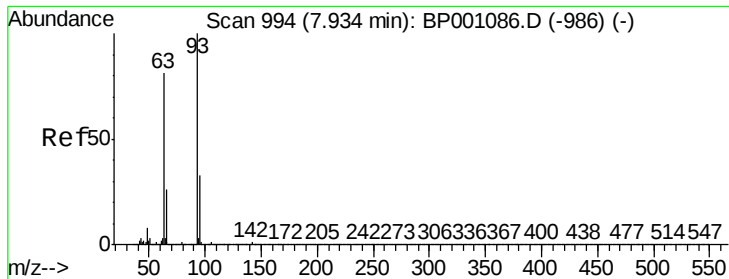
Delta R.T. -0.01 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Tgt Ion:	94	Resp:	466322
Ion Ratio	Lower	Upper	
94	100		
65	42.3	18.6	58.6
66	63.4	37.6	77.6





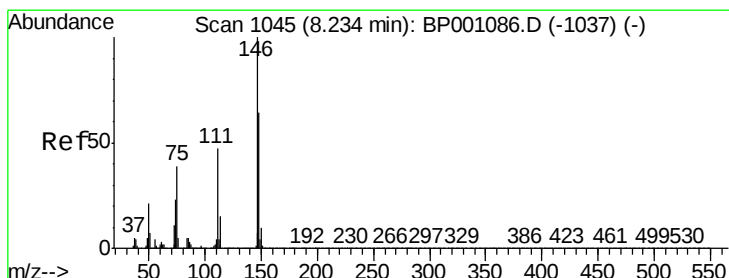
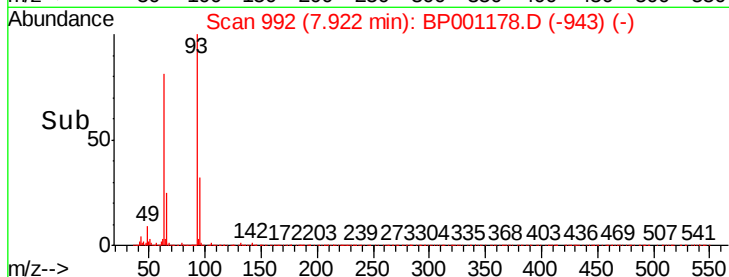
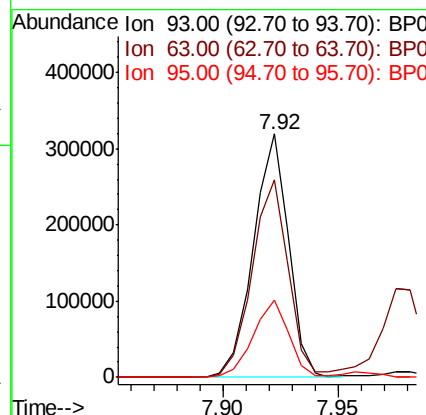
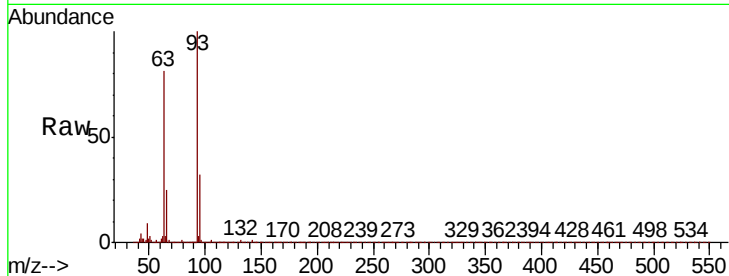
#11
bis(2-Chloroethyl)ether
Concen: 44.030 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.2	60.7	100.7
95	31.7	12.7	52.7

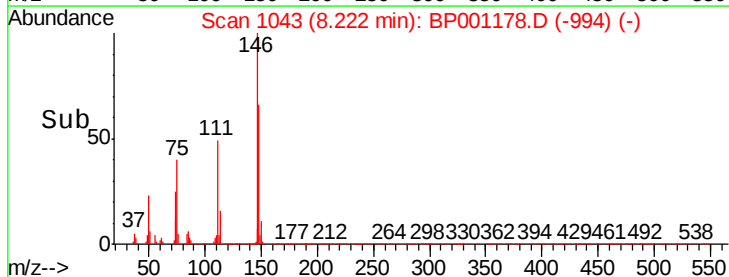
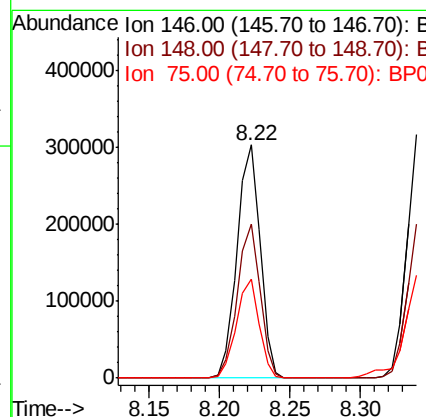
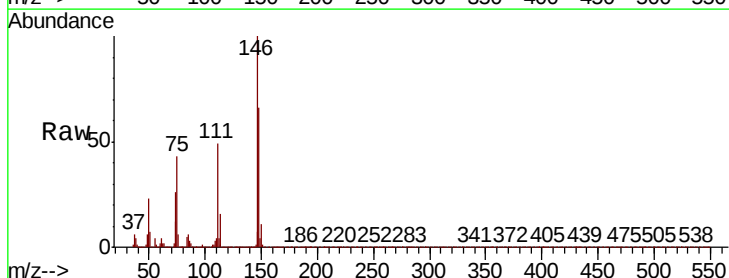
Manual Integrations
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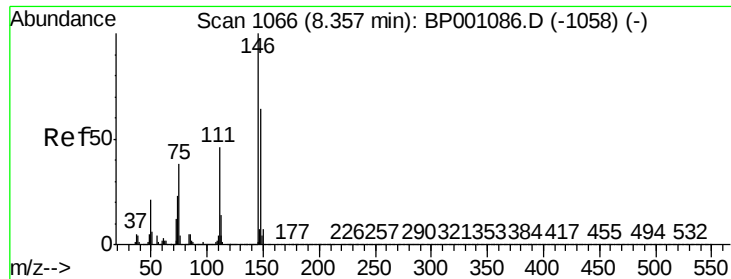
mohammad
12/4/2019 5:01:01 PM



#12
1,3-Dichlorobenzene
Concen: 43.321 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.1	76.7
75	42.6	31.3	46.9





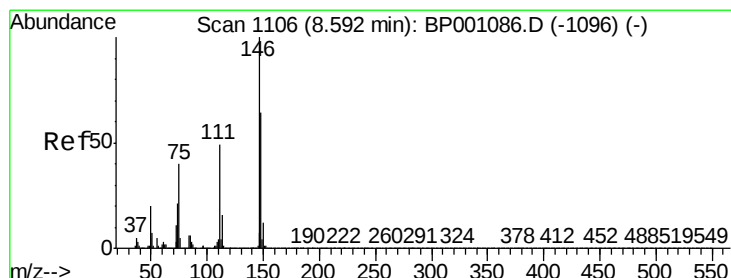
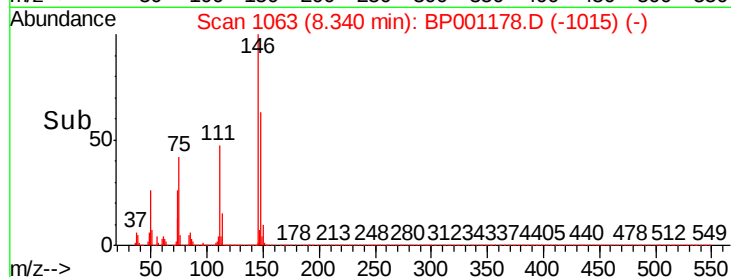
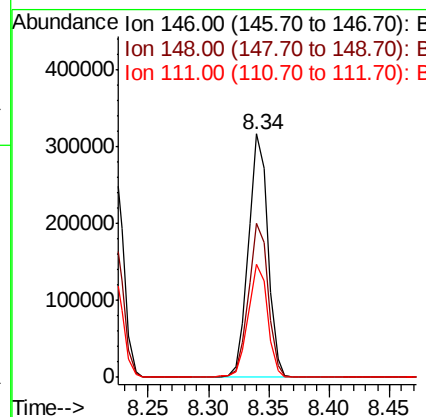
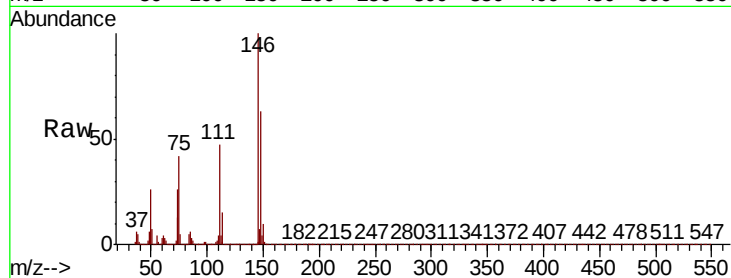
#13
1,4-Dichlorobenzene
Concen: 44.231 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.6	77.4
111	46.6	37.0	55.6

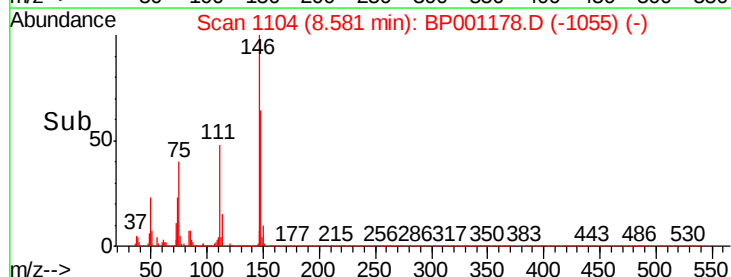
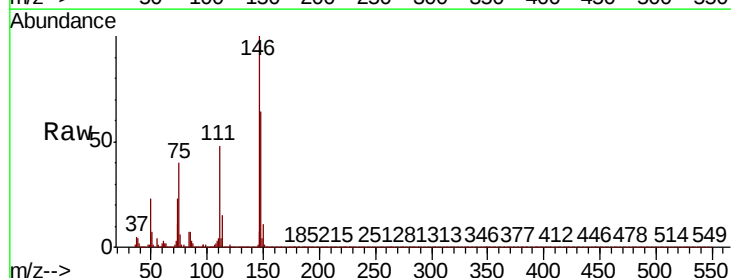
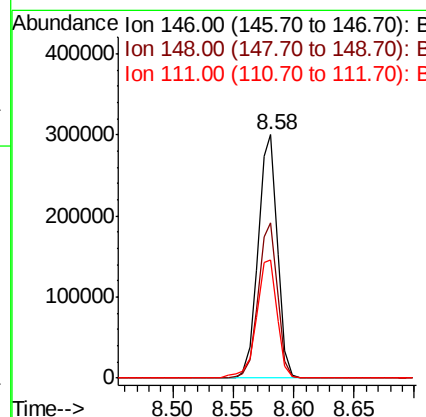
Manual Integrations
APPROVED

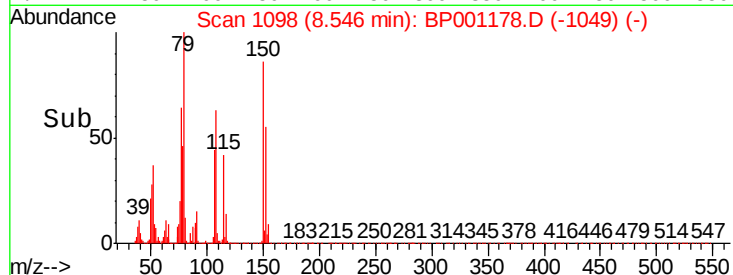
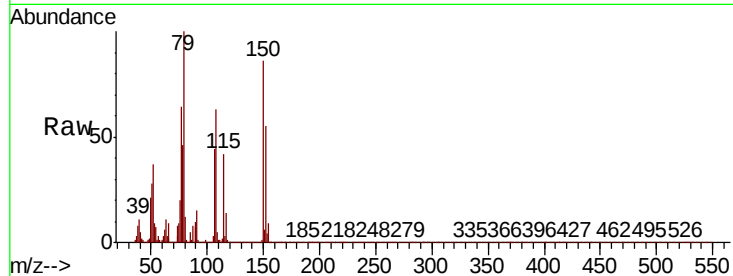
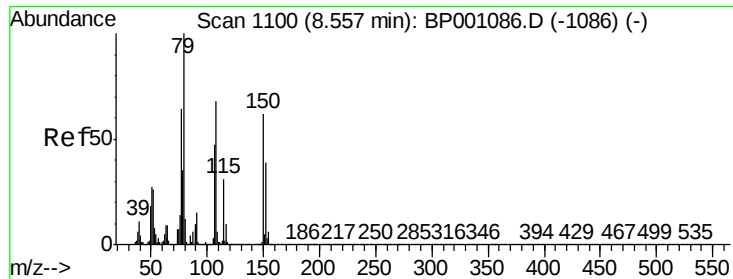
mohammad
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#14
1,2-Dichlorobenzene
Concen: 43.842 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.5	77.3
111	48.5	39.3	58.9





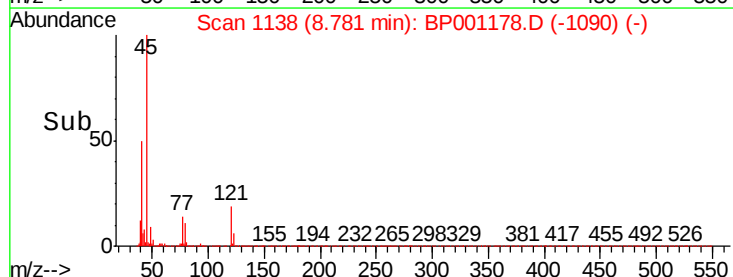
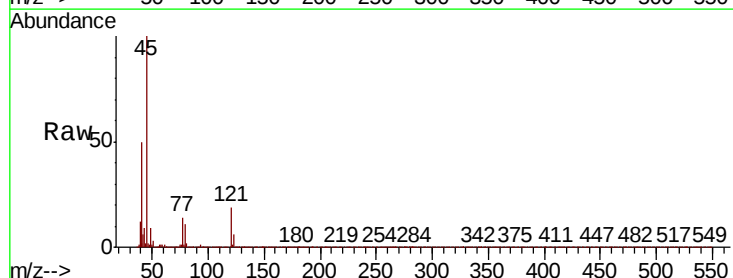
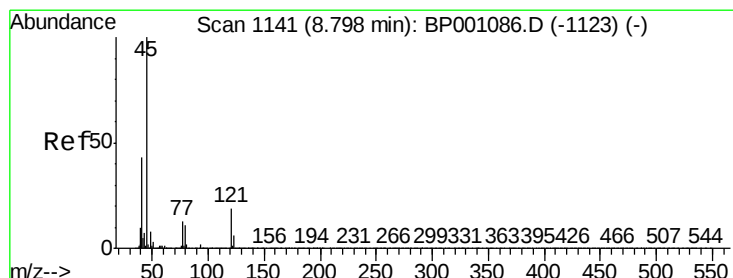
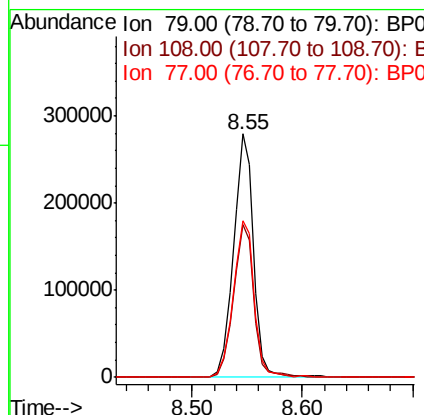
#15
Benzyl Alcohol
Concen: 49.439 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tot Ion:	79	Resp:	353429
Ion Ratio	Lower	Upper	
79	100		
108	62.6	54.8	82.2
77	64.4	51.4	77.2

Instrument :
BNA_P
ClientSampleId :
211MSD

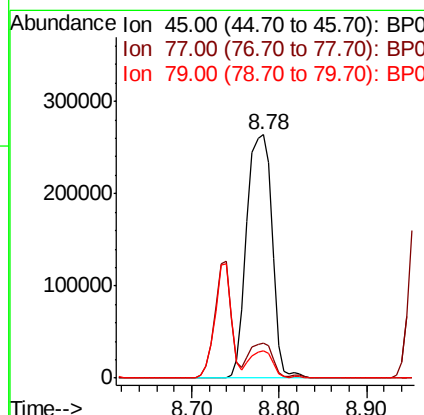
Manual Integrations
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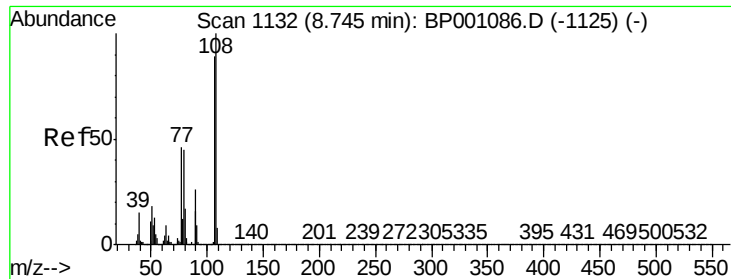
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.655 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion:	45	Resp:	516580
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	33.3
79	11.1	0.0	30.9





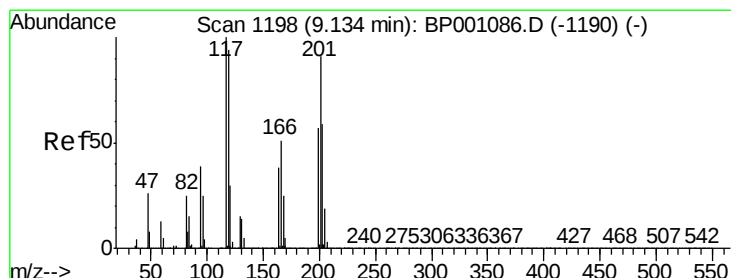
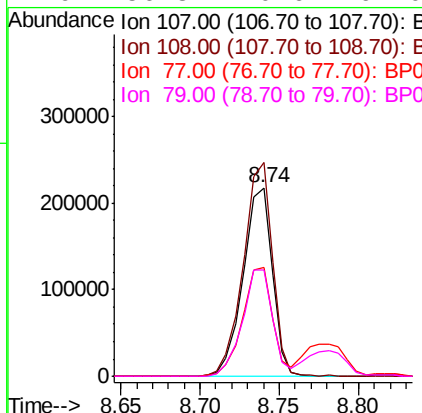
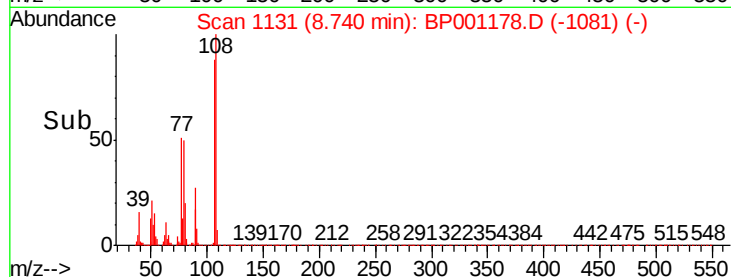
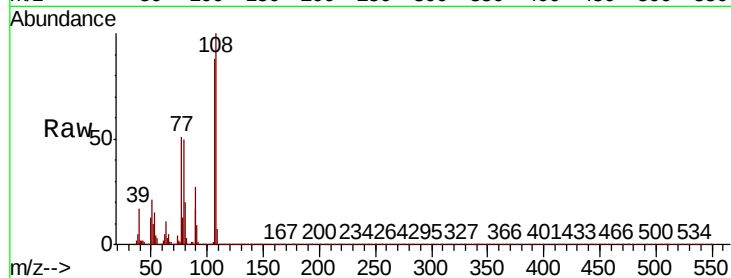
#17
2-Methylphenol
Concen: 45.192 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	89.8	134.6	
77	58.0	41.4	62.2	
79	56.8	40.6	61.0	

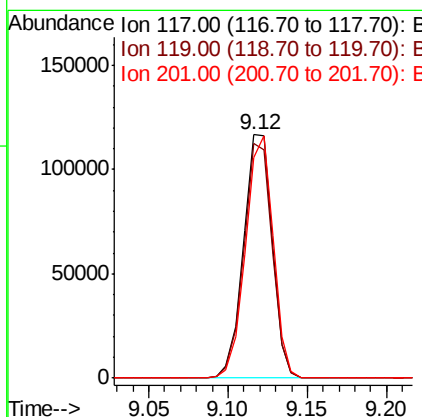
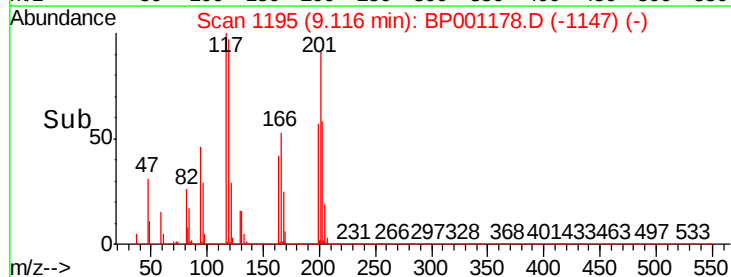
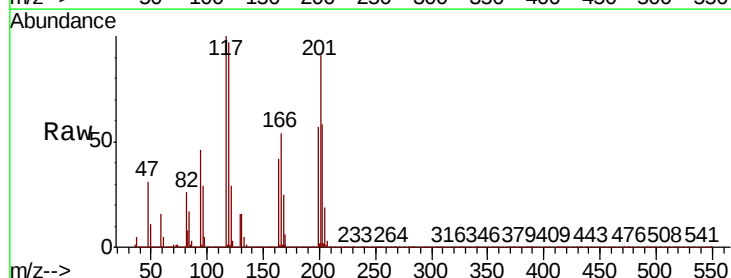
Manual Integrations
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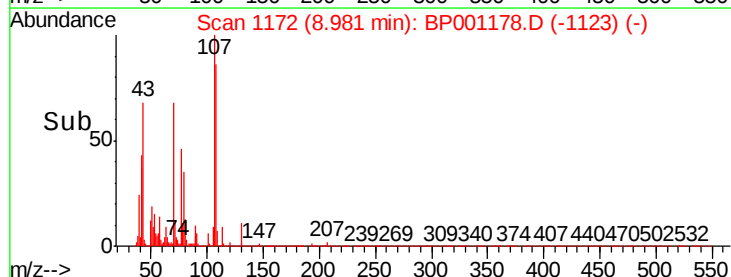
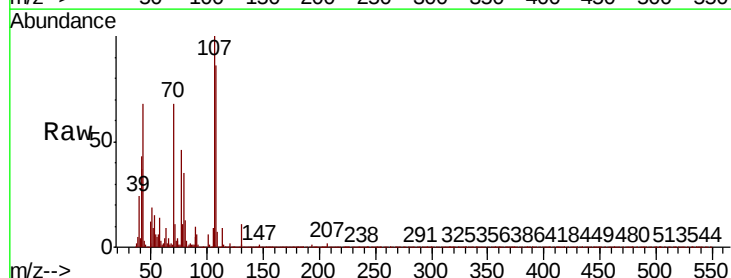
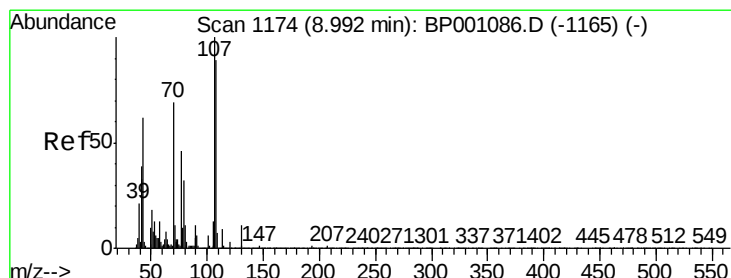
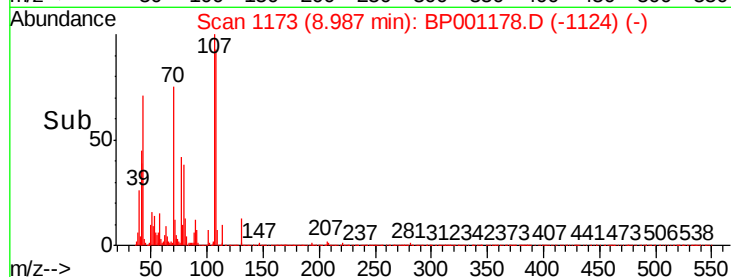
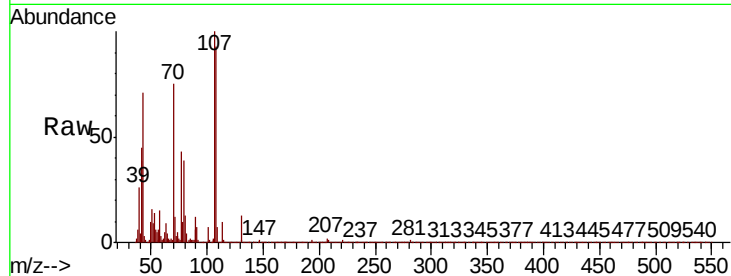
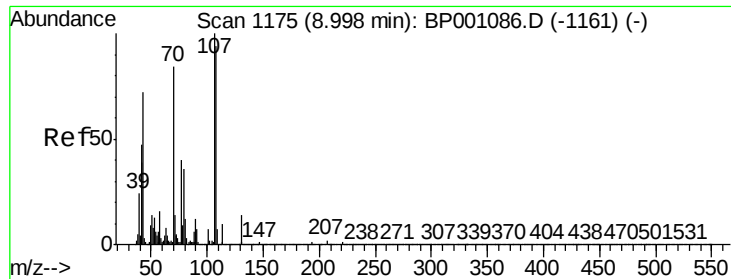
mohammad
12/4/2019 5:01:01 PM



#18
Hexachloroethane
Concen: 43.994 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	75.2	112.8	
201	90.7	72.5	108.7	





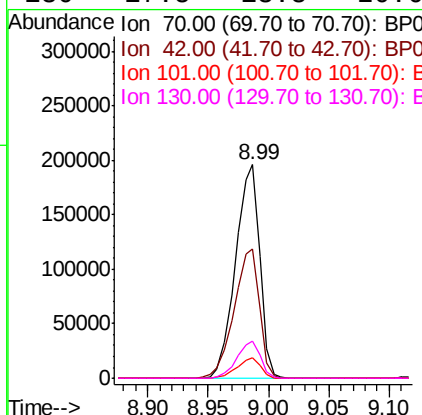
#19
n-Nitroso-di-n-propylamine
Concen: 43.421 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.3	44.6	66.8
101	9.7	7.1	10.7
130	17.5	13.8	20.6

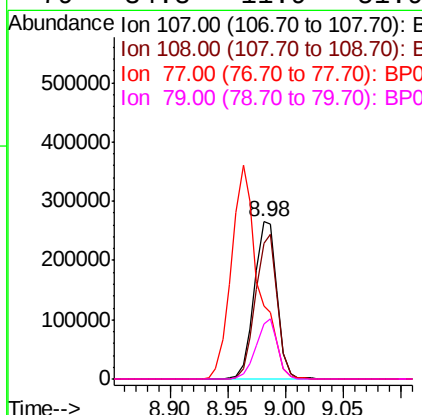
Manual Integrations
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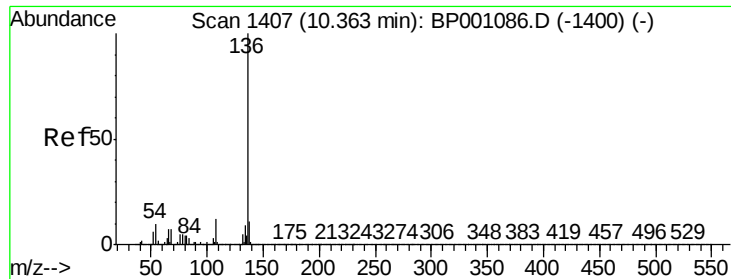
mohammad
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#20
3+4-Methylphenols
Concen: 46.669 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	68.9	108.9
77	46.3	25.9	65.9
79	34.8	11.9	51.9





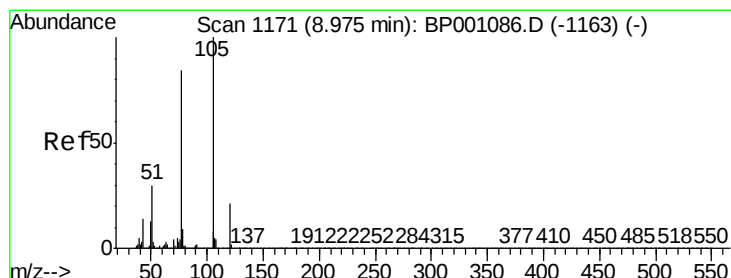
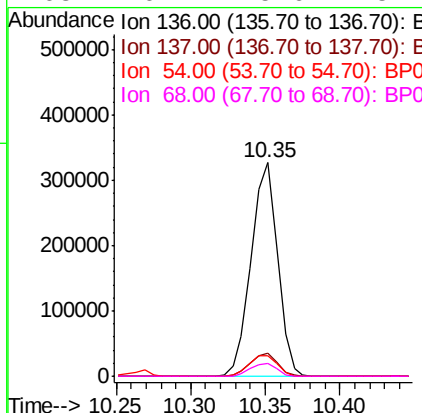
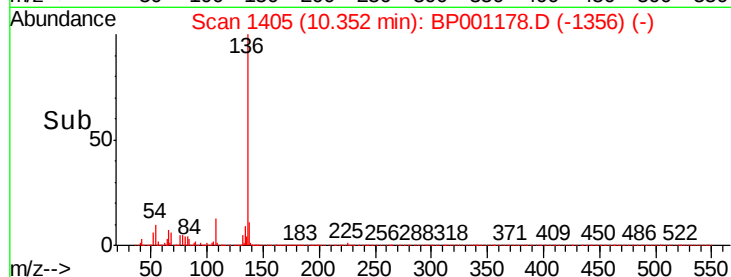
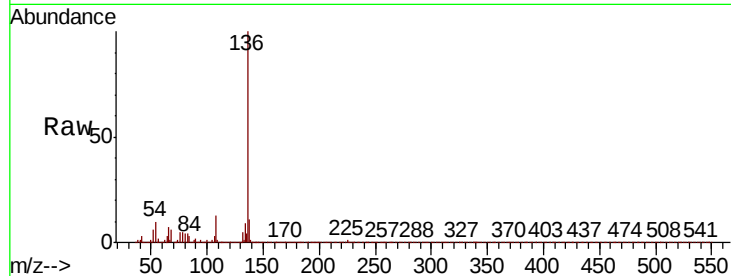
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleID :
211MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	399751		
137	10.7	8.8	13.2	
54	9.7	7.9	11.9	
68	6.2	5.6	8.4	

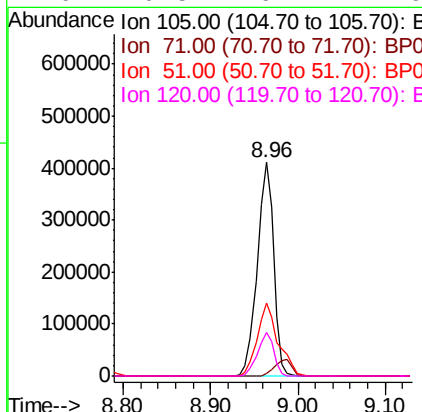
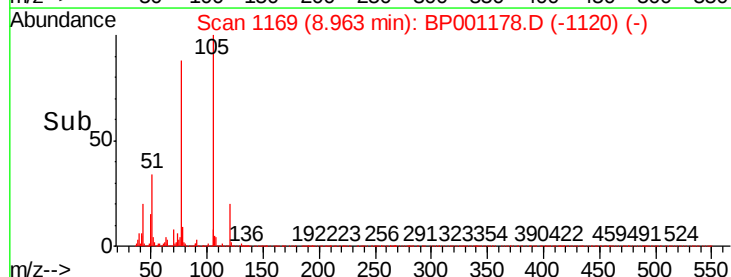
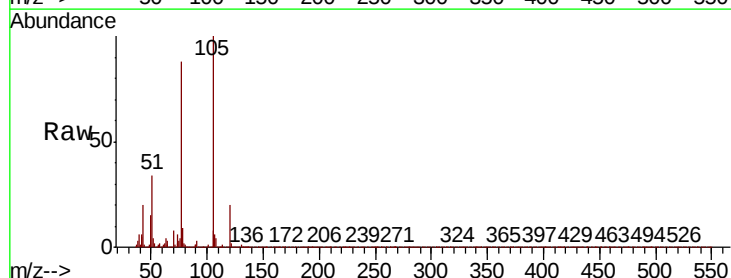
Manual Integrations
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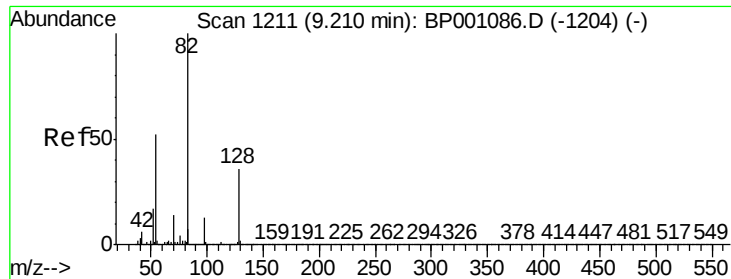
mohammad
12/4/2019 5:01:01 PM



#22
Acetophenone
Concen: 44.691 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	525087		
71	1.4	0.5	0.7#	
51	34.0	24.2	36.4	
120	20.5	16.4	24.6	





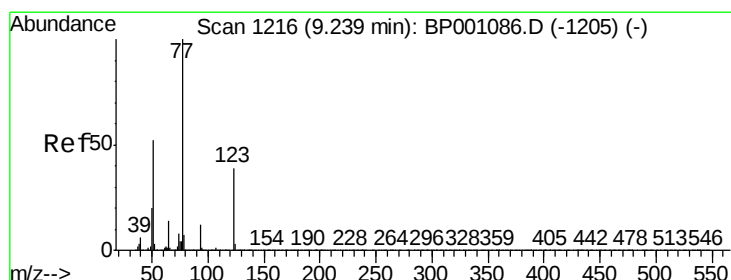
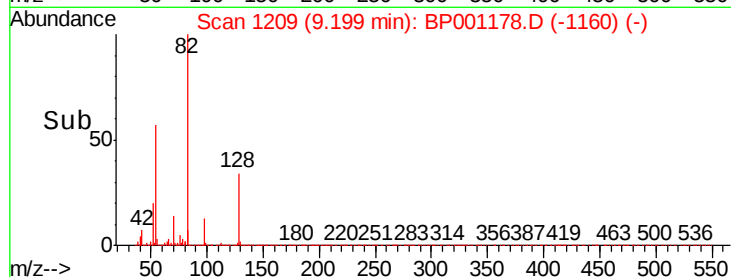
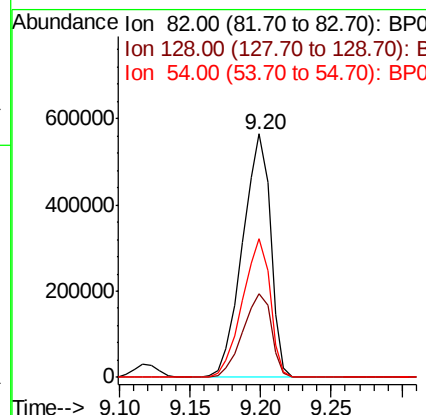
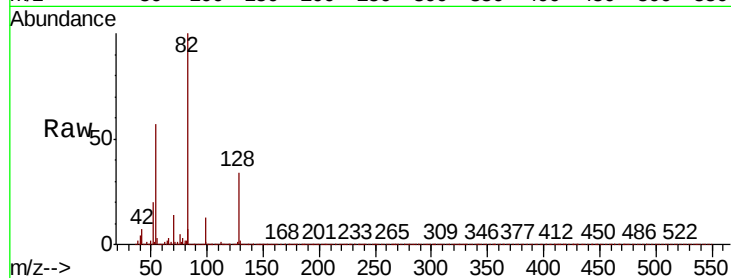
#23
 Nitrobenzene-d5
 Concen: 85.084 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BP001178.D
 Acq: 04 Dec 2019 02:36

Instrument :
 BNA_P
 ClientSampleId :
 211MSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	34.1	28.9	43.3
54	56.8	41.9	62.9

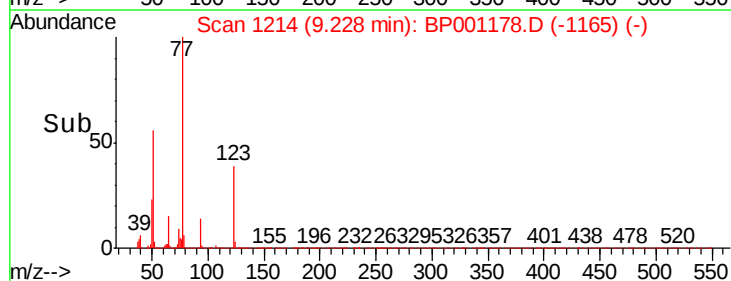
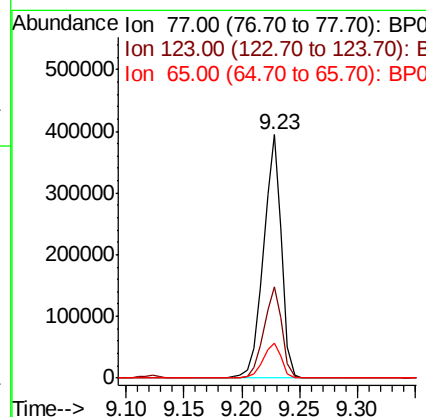
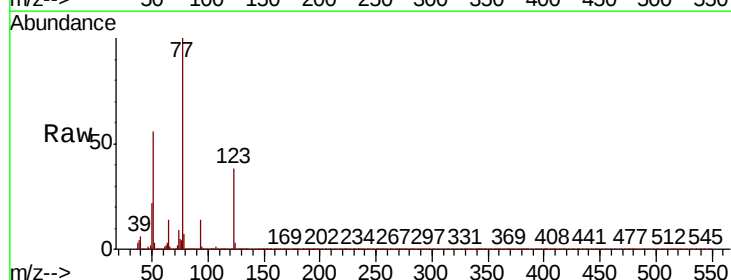
Manual Integrations
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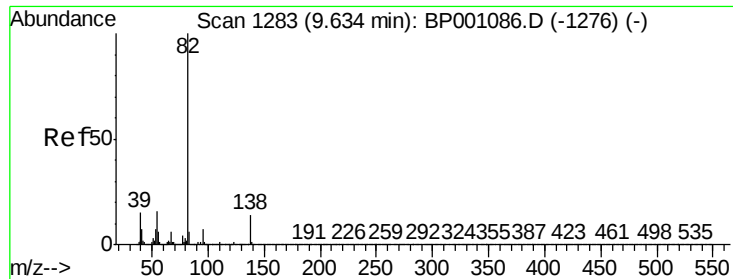
mohammad
 12/4/2019 5:01:01 PM



#24
 Nitrobenzene
 Concen: 46.456 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BP001178.D
 Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	37.7	31.0	46.4
65	14.5	11.0	16.6





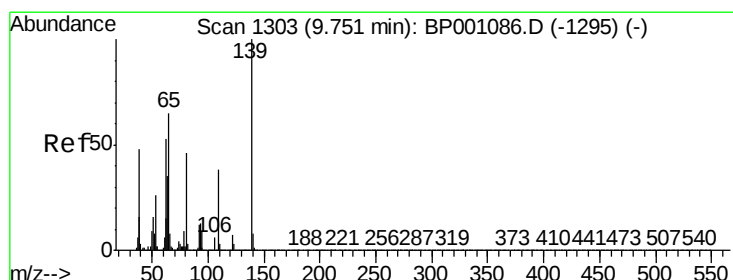
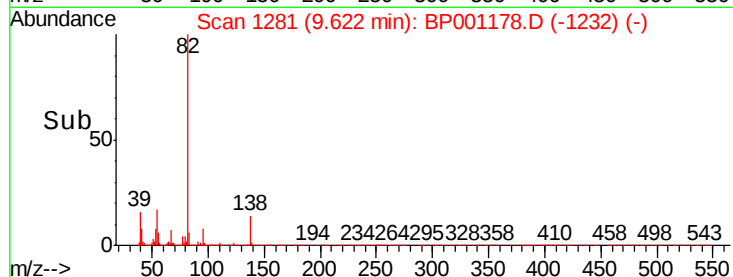
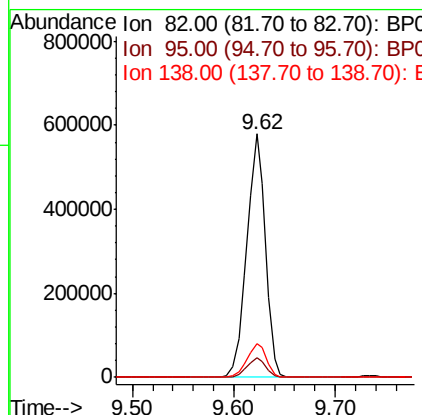
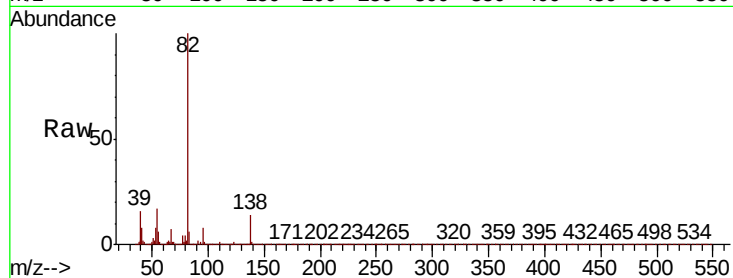
#25
Isophorone
Concen: 44.506 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.9	5.7	8.5
138	13.8	11.3	16.9

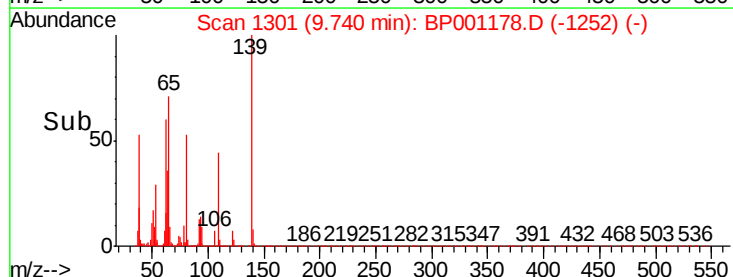
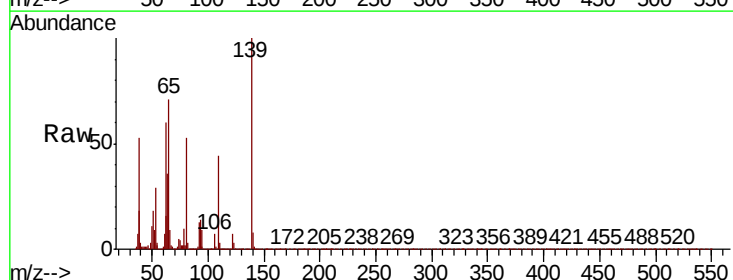
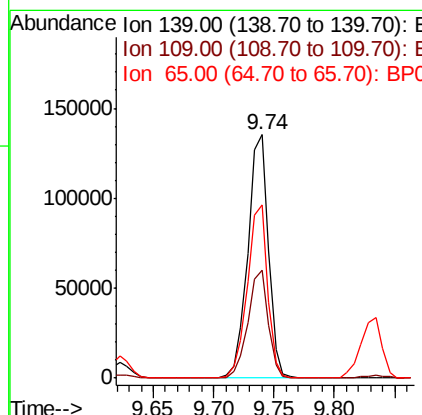
Manual Integrations
APPROVED

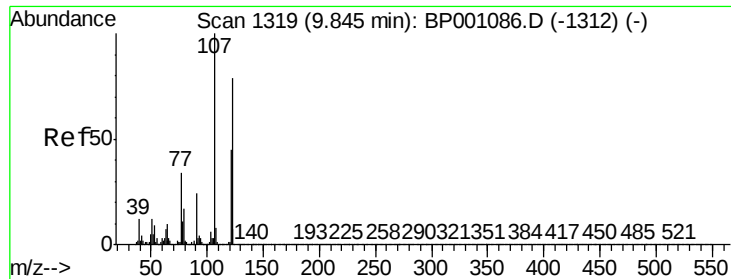
mohammad
12/4/2019 5:01:01 PM



#26
2-Nitrophenol
Concen: 48.269 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	44.3	30.6	45.8
65	71.2	51.8	77.8





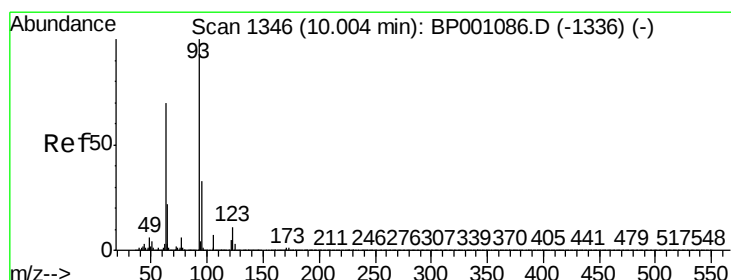
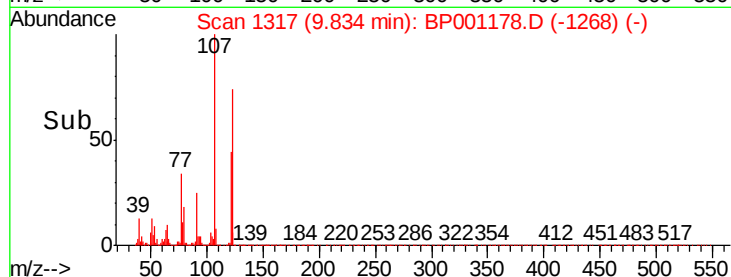
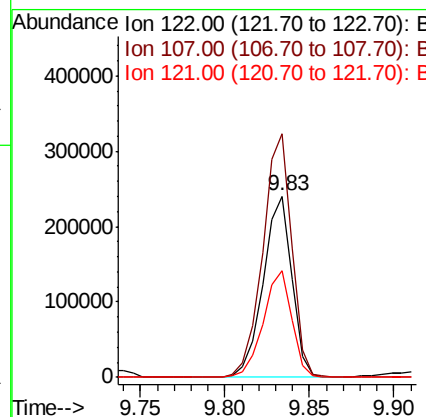
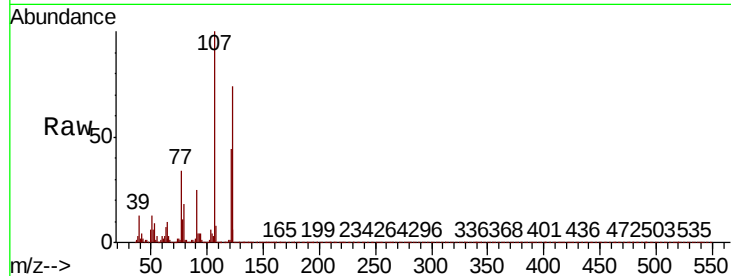
#27
2,4-Dimethylphenol
Concen: 53.377 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	283741		
107	134.5	101.9	152.9	
121	59.2	46.1	69.1	

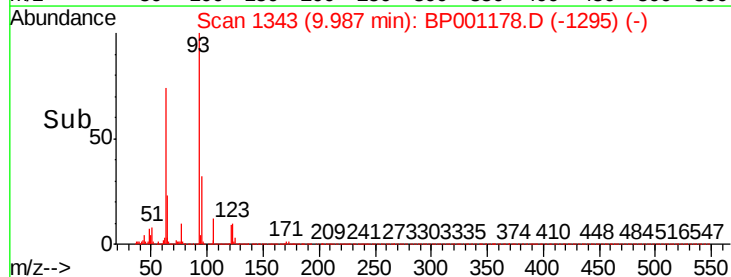
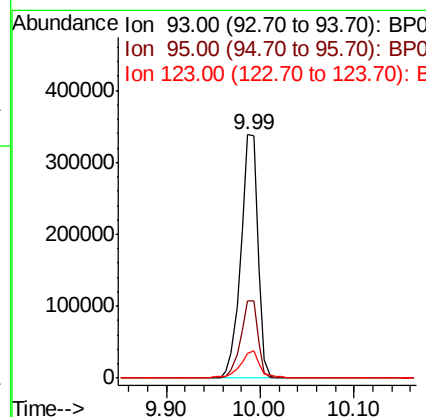
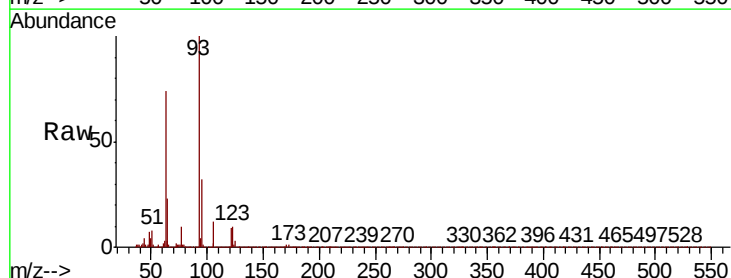
Manual Integrations
APPROVED

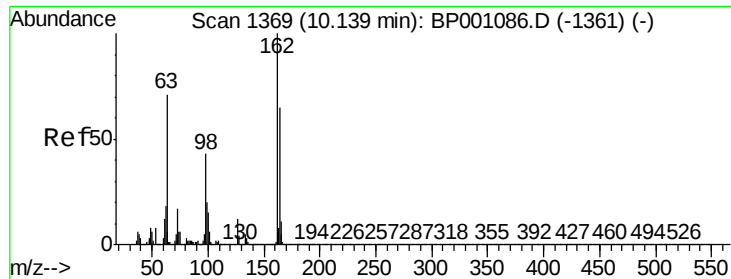
mohammad
12/4/2019 5:01:01 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.057 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	425609		
95	32.0	26.0	39.0	
123	10.2	8.9	13.3	





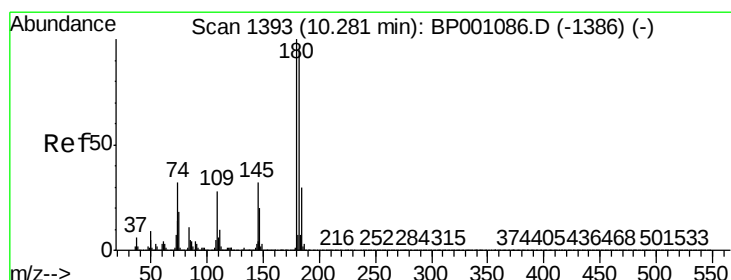
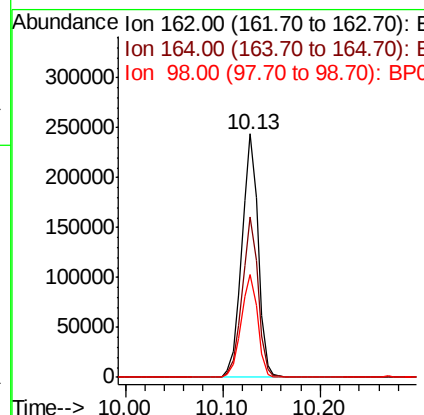
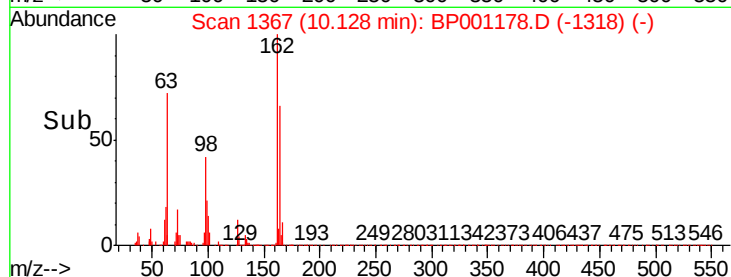
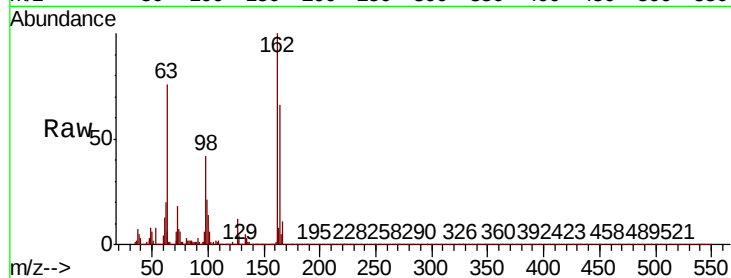
#29
2,4-Dichlorophenol
Concen: 46.803 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	45.1	85.1
98	42.0	23.4	63.4

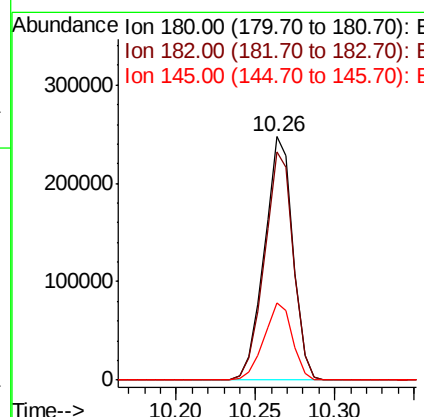
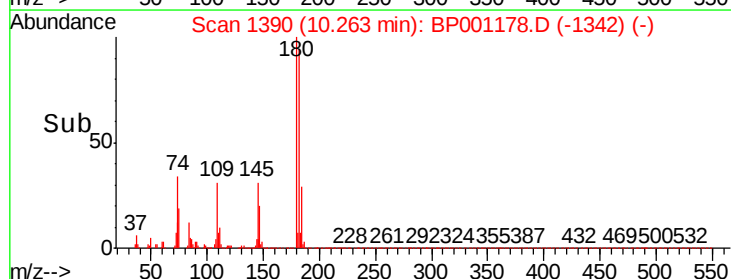
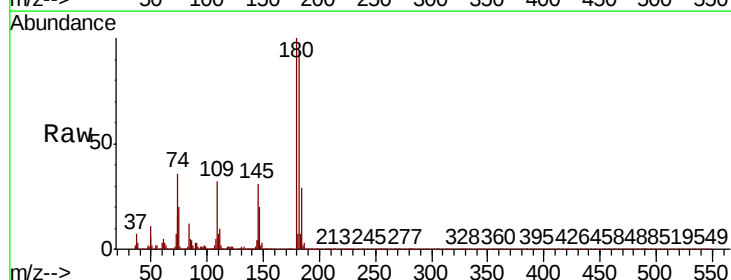
Manual Integrations
APPROVED

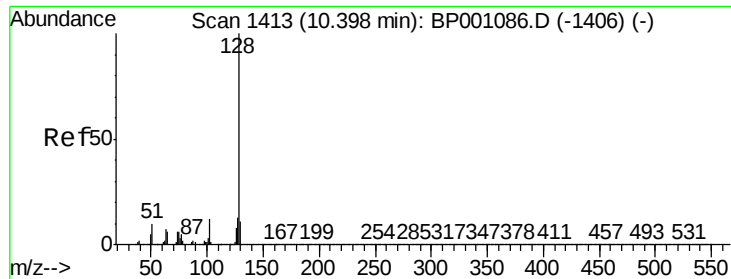
mohammad
12/4/2019 5:01:01 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.072 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.3	114.5
145	31.5	25.4	38.2





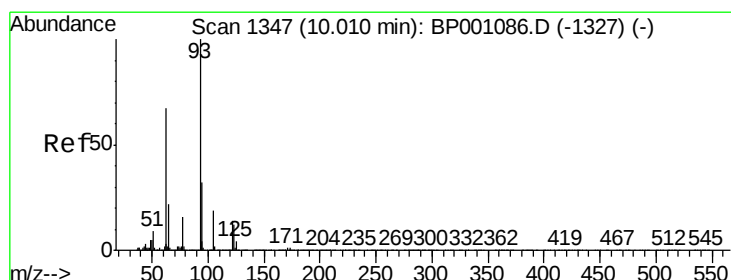
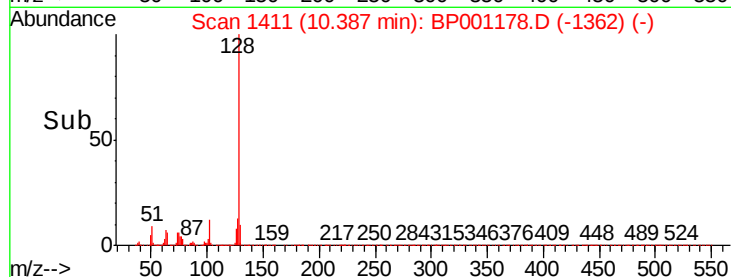
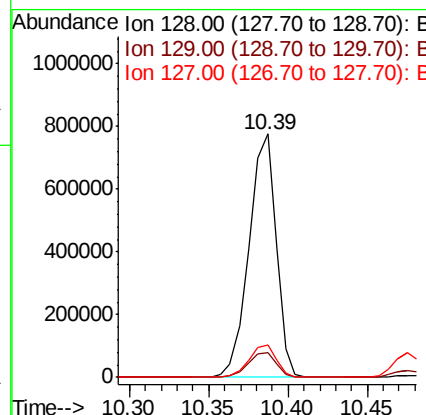
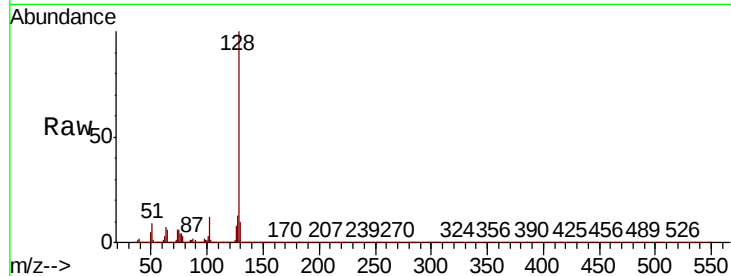
#31
Naphthalene
Concen: 45.209 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	923005		
129	10.4		8.8	13.2
127	13.1		10.6	16.0

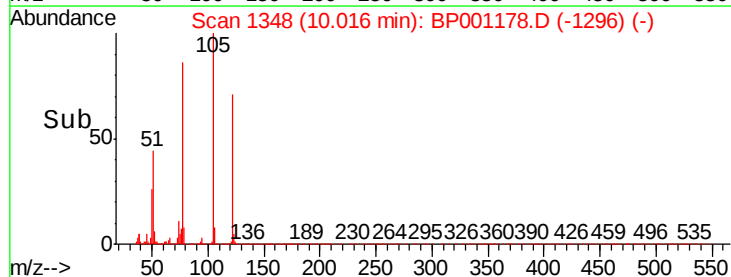
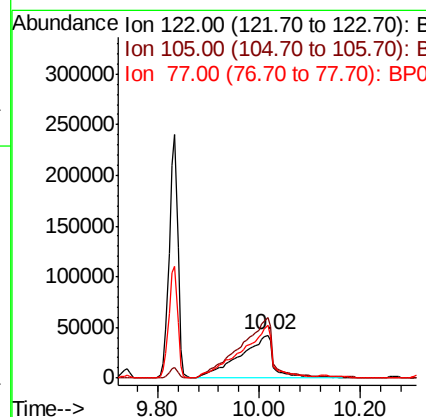
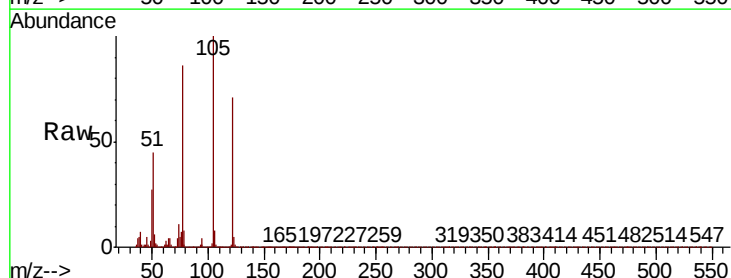
Manual Integrations
APPROVED

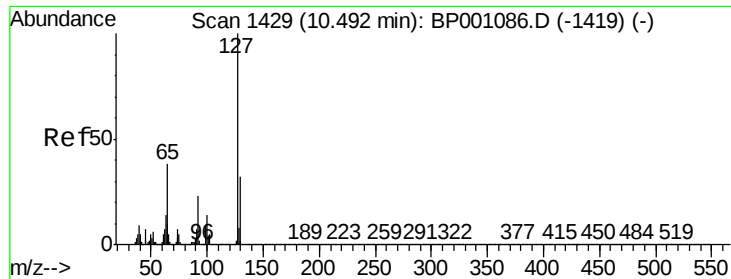
mohammad
12/4/2019 5:01:01 PM



#32
Benzoic acid
Concen: 50.656 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	194675		
105	141.5		116.8	156.8
77	121.5		95.0	135.0





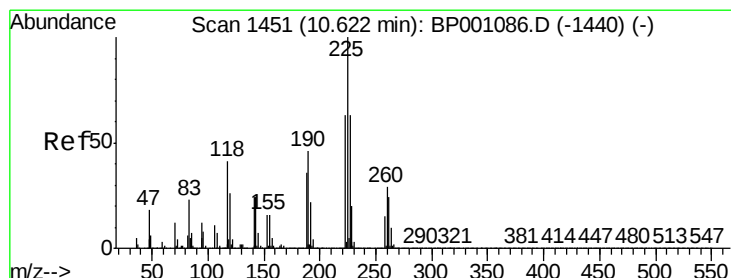
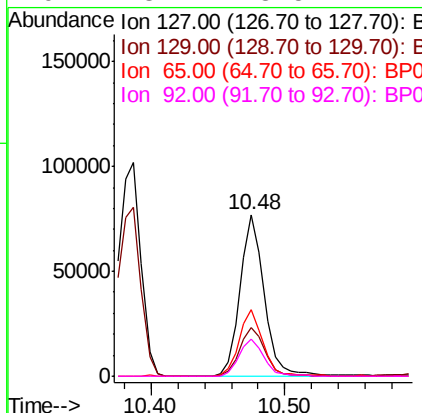
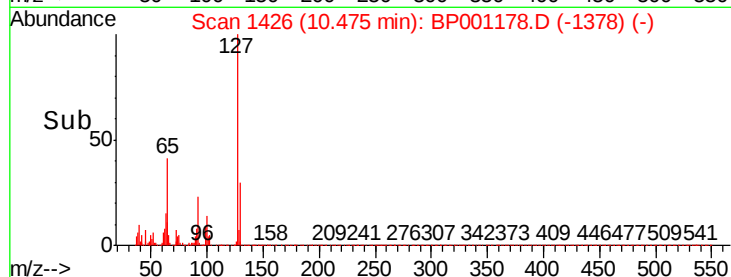
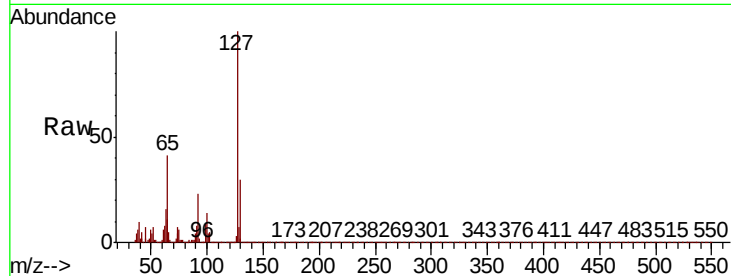
#33
4-Chloroaniline
Concen: 10.893 ng
RT: 10.48 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.9	25.5	38.3
65	40.8	30.6	46.0
92	23.4	18.5	27.7

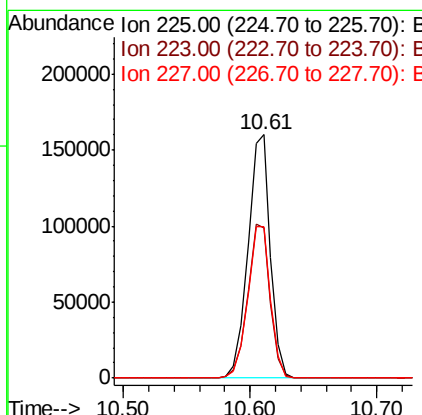
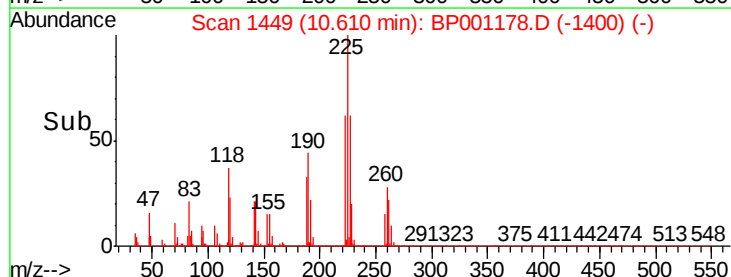
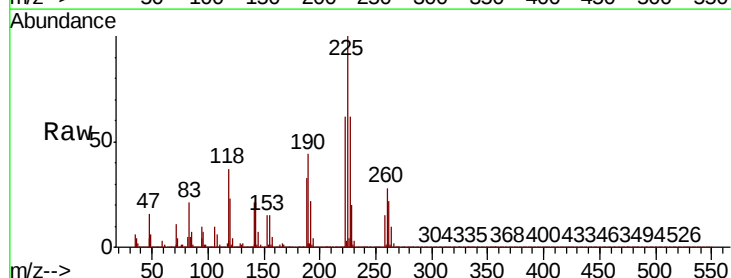
Manual Integrations
APPROVED

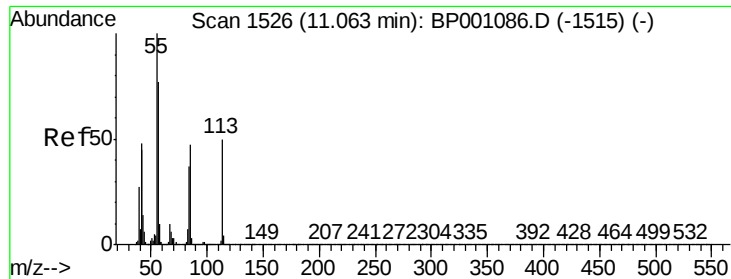
mohammad
12/4/2019 5:01:01 PM



#34
Hexachlorobutadiene
Concen: 43.800 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.0	75.0
227	62.2	50.0	75.0





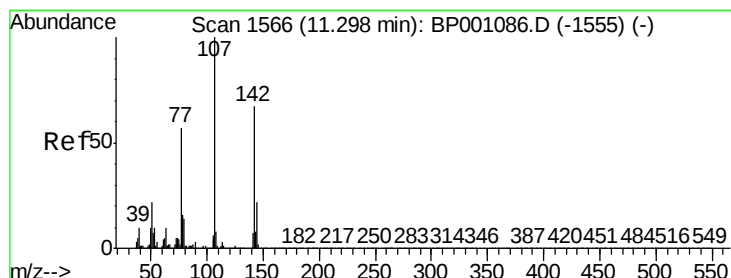
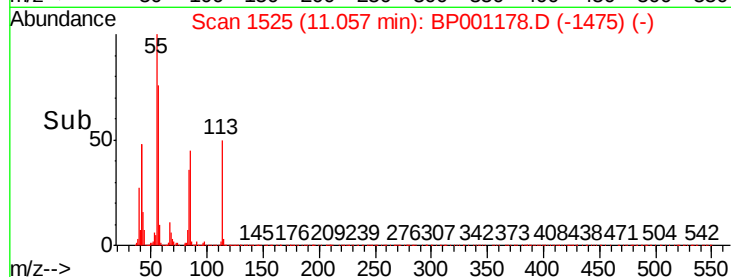
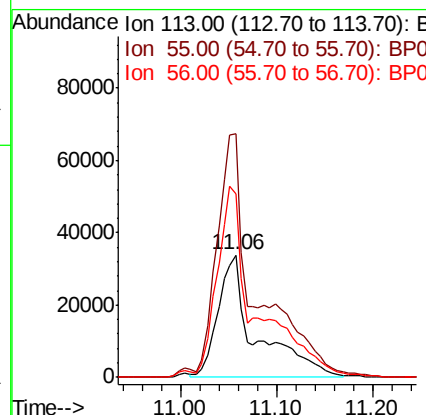
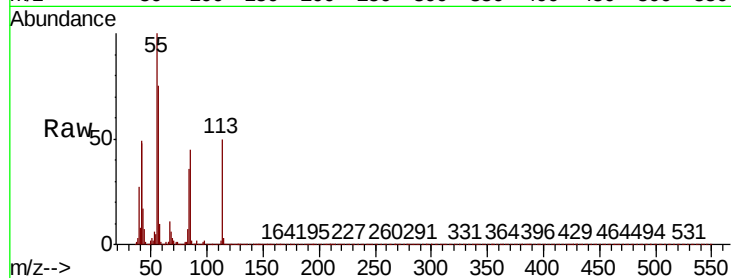
#35
Caprolactam
Concen: 44.357 ng/ml
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampled :
211MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		92493		
55	198.8	181.2	221.2		
56	150.0	134.7	174.7		

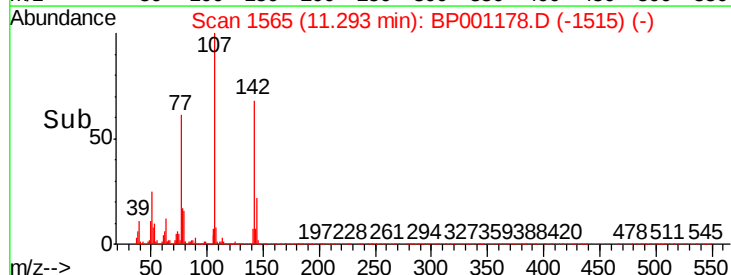
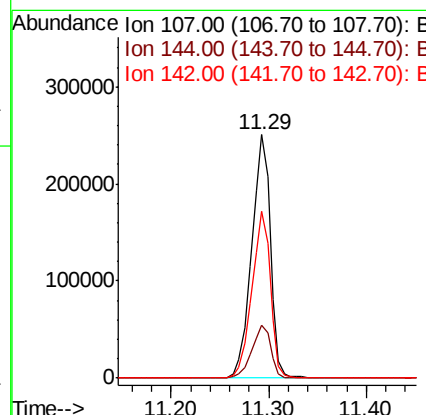
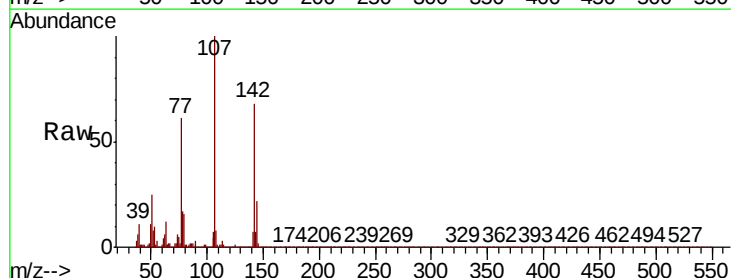
Manual Integrations
APPROVED

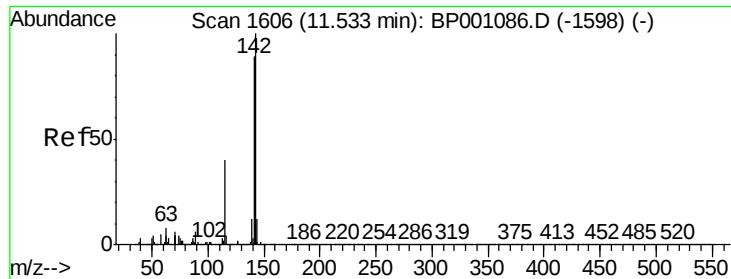
mohammad
12/4/2019 5:01:01 PM



#36
4-Chloro-3-methylphenol
Concen: 46.915 ng/ml
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		336536		
144	21.9	17.5	26.3		
142	68.4	53.3	79.9		





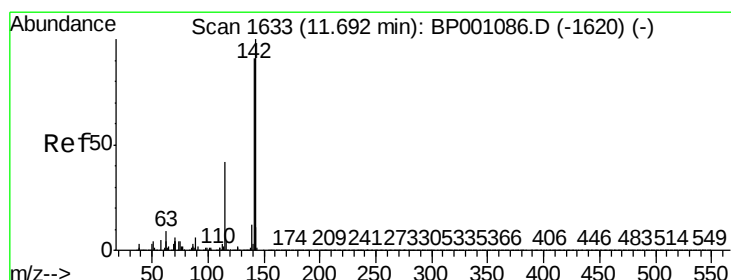
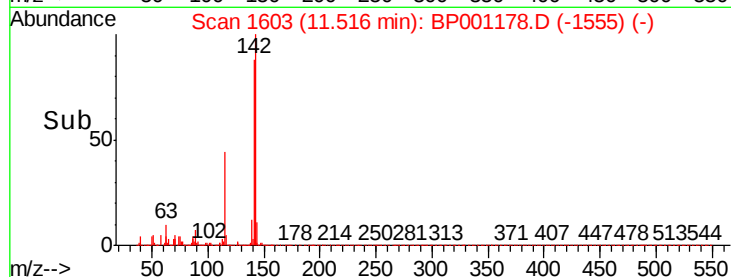
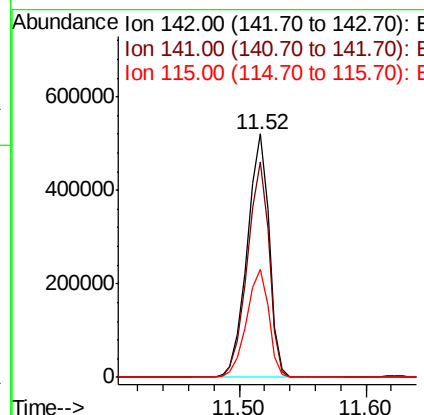
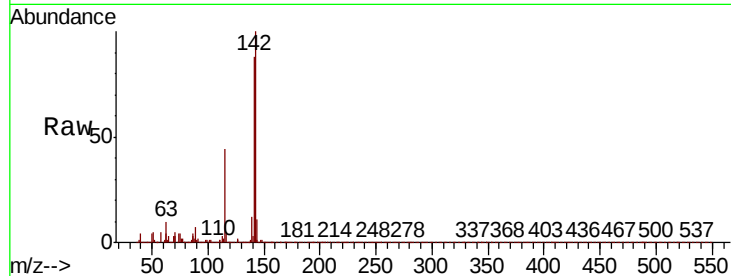
#37
2-Methylnaphthalene
Concen: 44.747 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.1	106.7
115	44.5	32.3	48.5

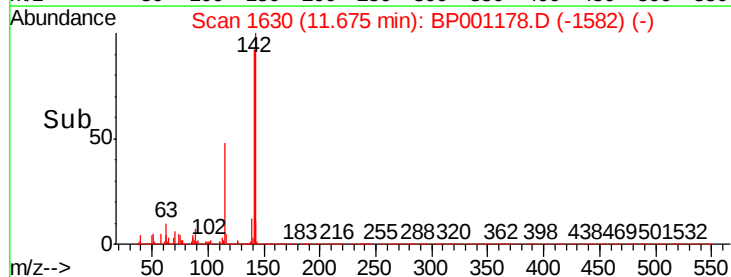
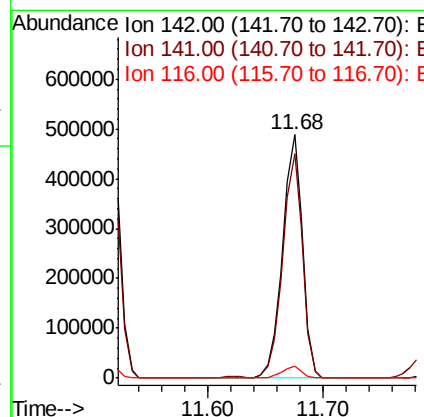
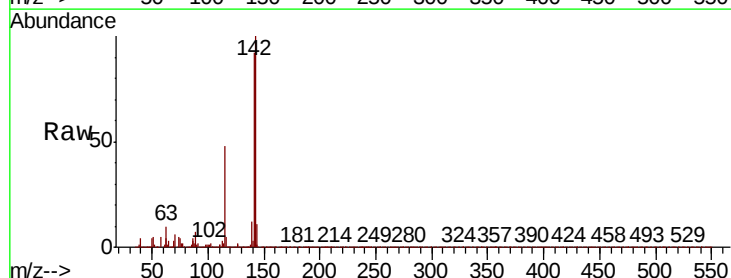
Manual Integrations
APPROVED

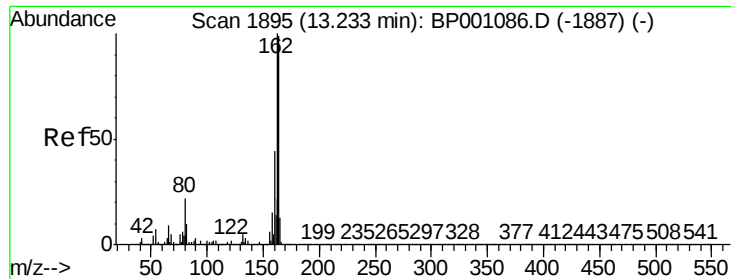
mohammad
12/4/2019 5:01:01 PM



#38
1-Methylnaphthalene
Concen: 44.331 ng
RT: 11.68 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.0	109.4
116	4.9	3.4	5.2





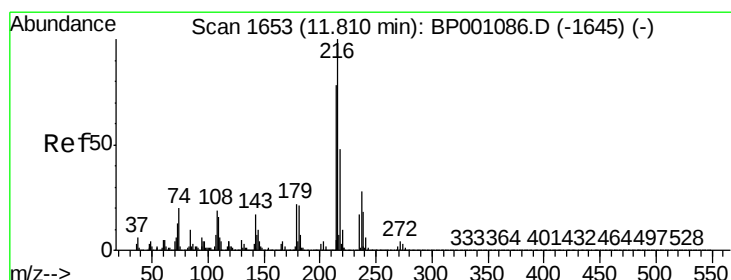
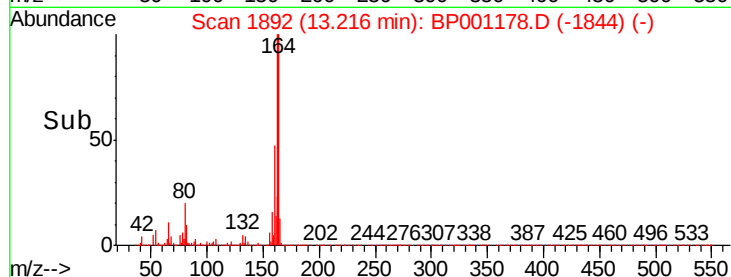
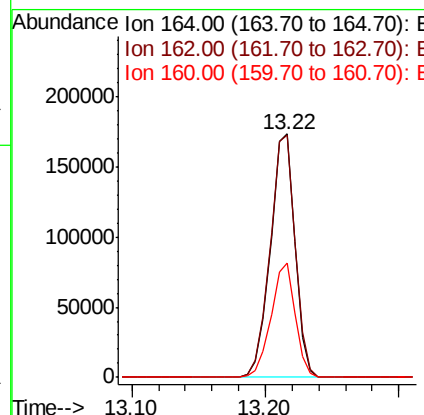
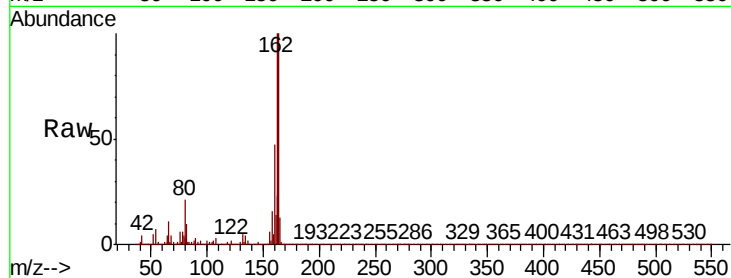
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.22 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	222061		
162	99.6	80.6	120.8	
160	46.8	35.4	53.2	

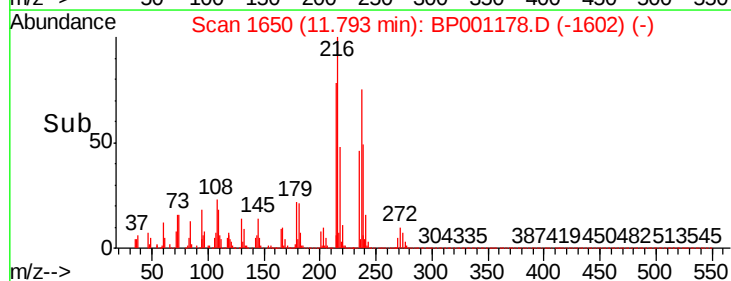
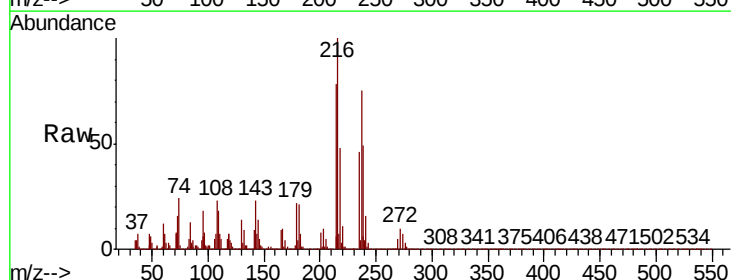
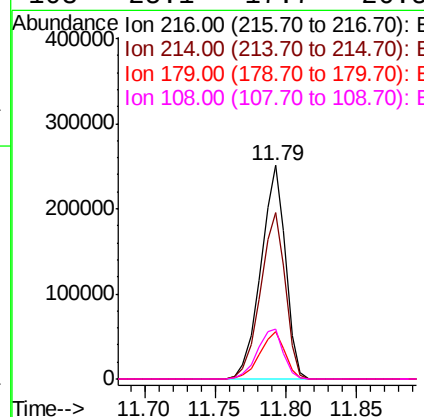
Manual Integrations
APPROVED

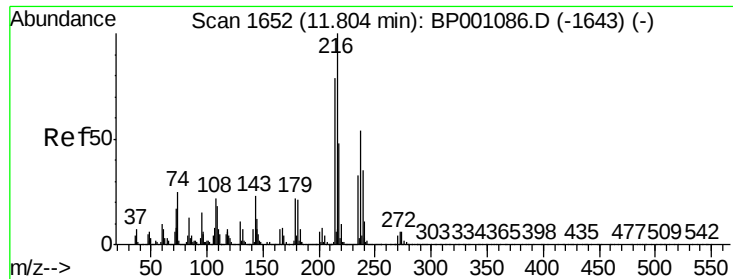
mohammad
12/4/2019 5:01:01 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.073 ng
RT: 11.79 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	308428		
214	78.8	62.8	94.2	
179	22.6	17.6	26.4	
108	25.1	17.7	26.5	





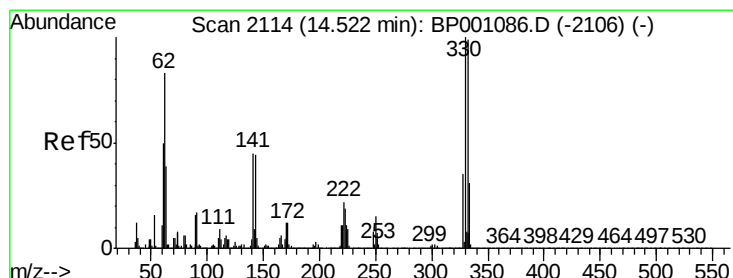
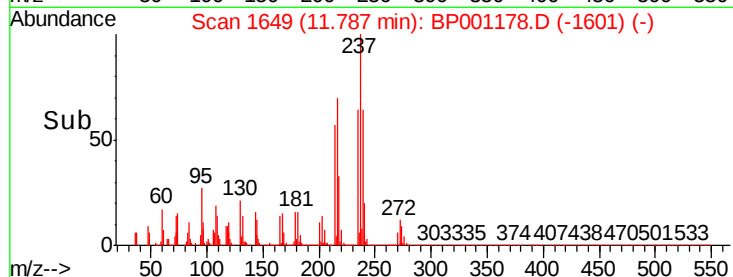
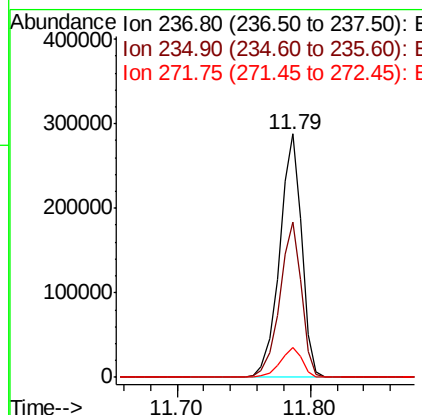
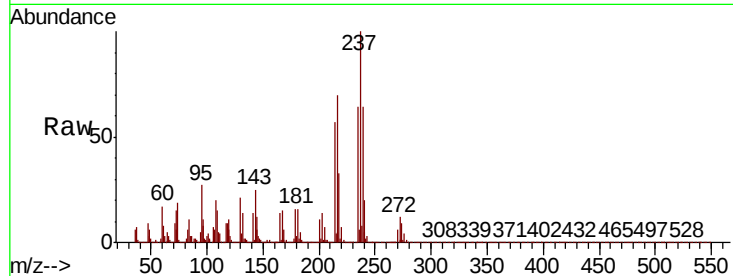
#41
Hexachlorocyclopentadiene
Concen: 103.253 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	41.8	81.8
272	12.0	0.0	31.9

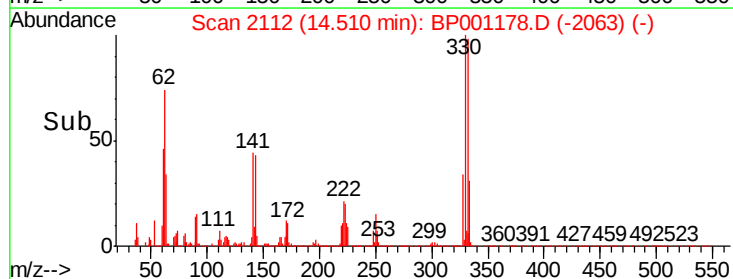
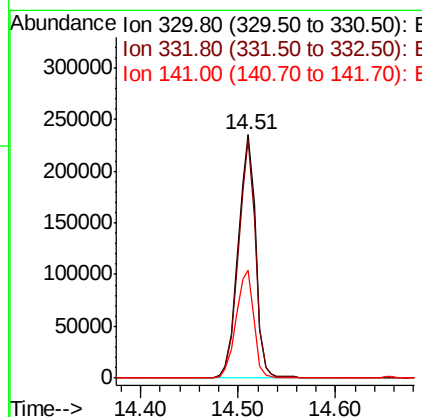
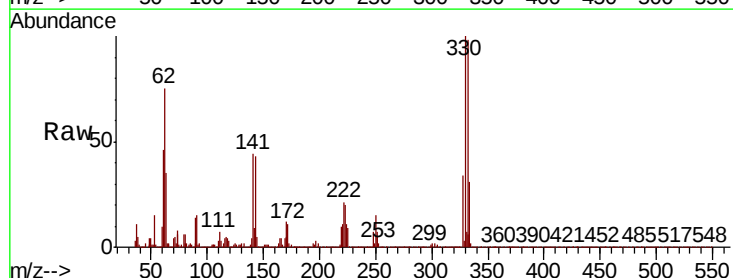
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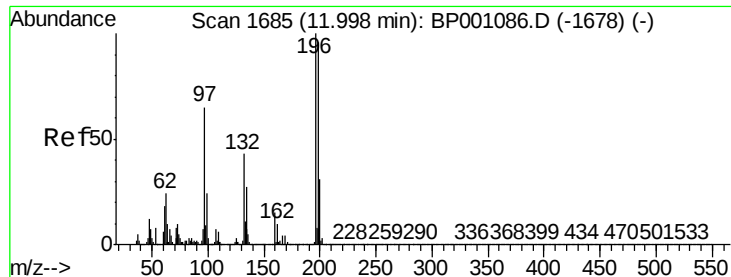
mohammad
12/4/2019 5:01:01 PM



#42
2,4,6-Tribromophenol
Concen: 138.089 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.2	77.6	116.4
141	44.9	34.2	51.2





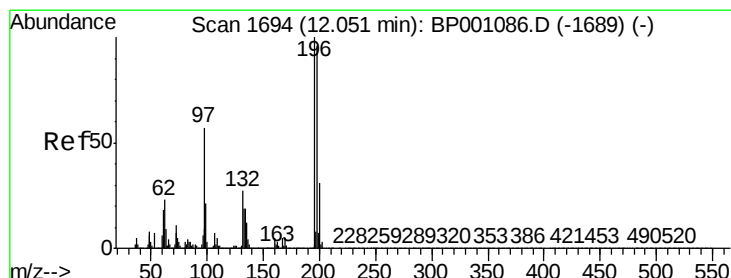
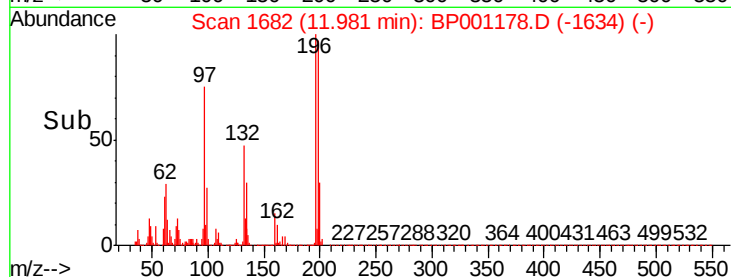
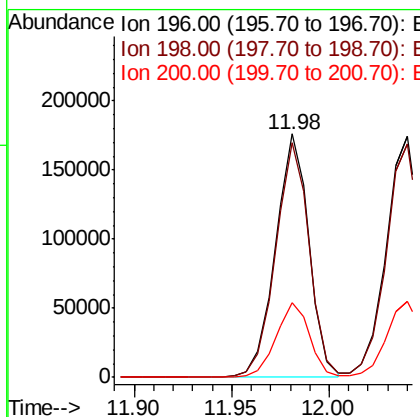
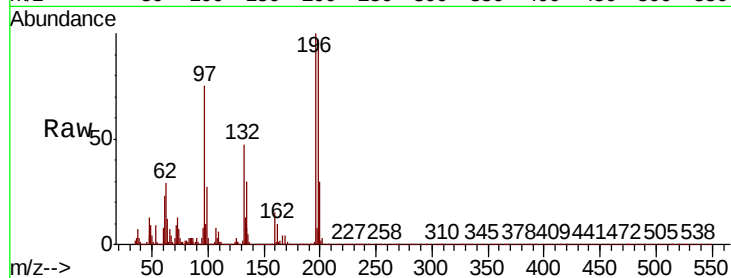
#43
2,4,6-Trichlorophenol
Concen: 45.634 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	208515		
198	96.6	76.7	115.1	
200	30.4	24.7	37.1	

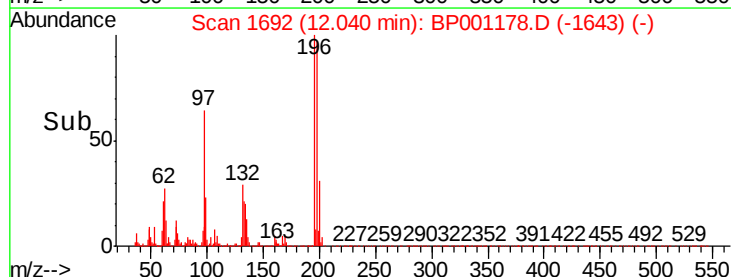
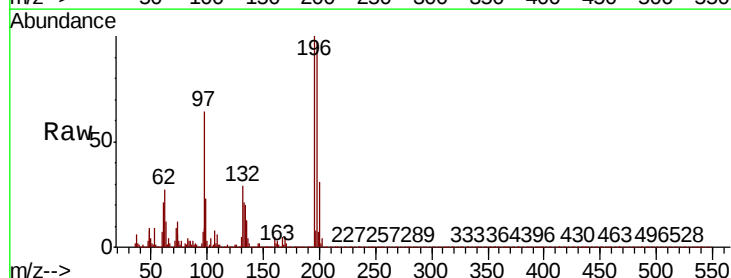
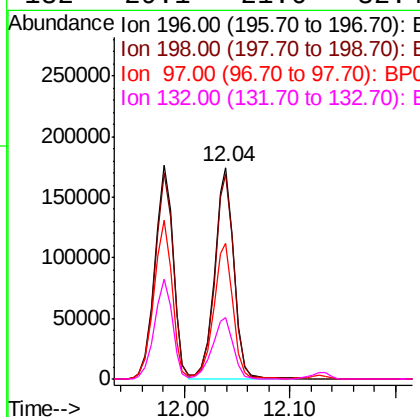
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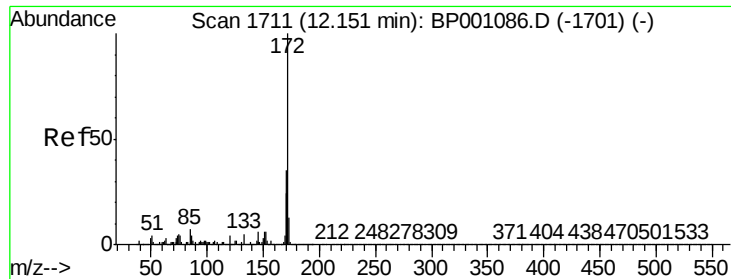
mohammad
12/4/2019 5:01:01 PM



#44
2,4,5-Trichlorophenol
Concen: 47.083 ng
RT: 12.04 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222908		
198	96.6	76.8	115.2	
97	64.0	46.1	69.1	
132	29.1	21.6	32.4	





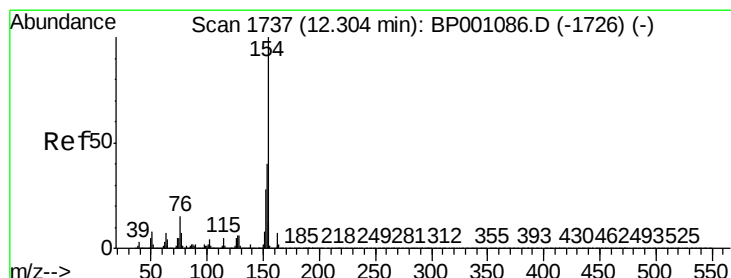
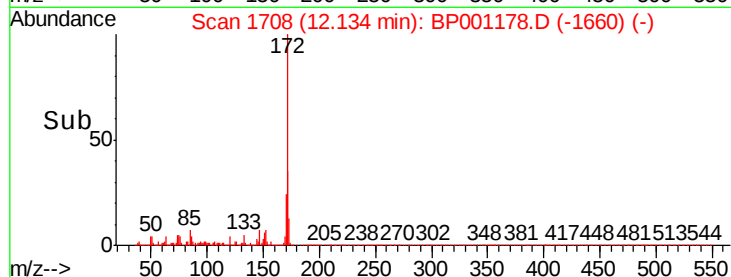
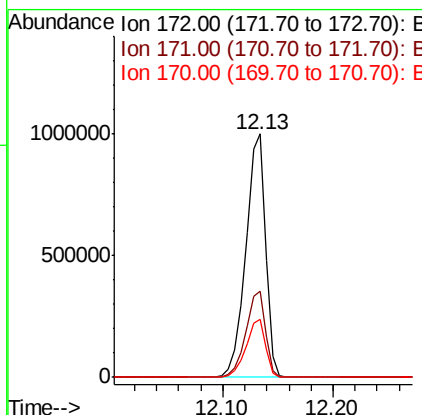
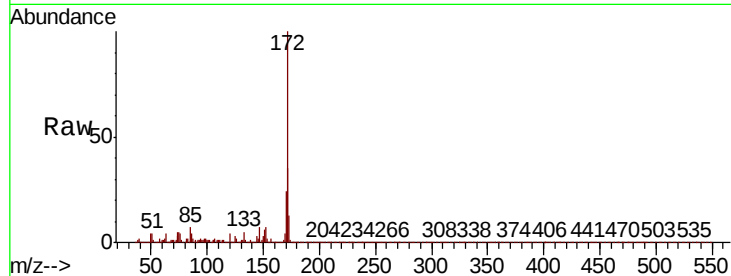
#45
2-Fluorobiphenyl
Concen: 82.724 ng
RT: 12.13 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampled :
211MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	23.6	19.0	28.4

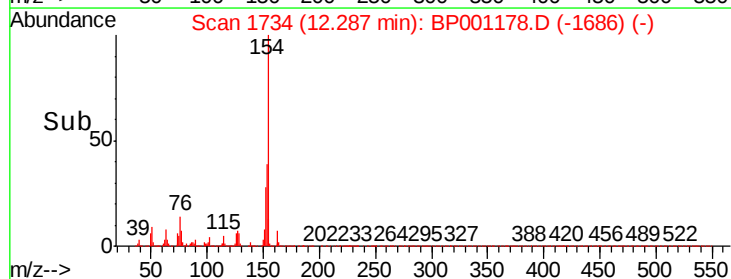
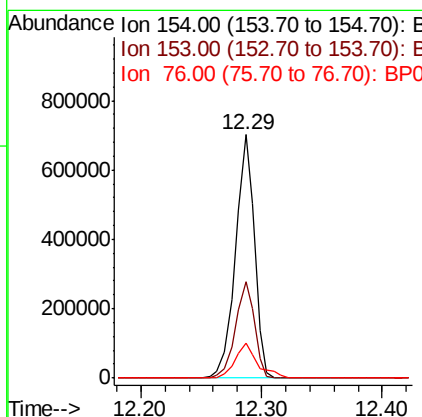
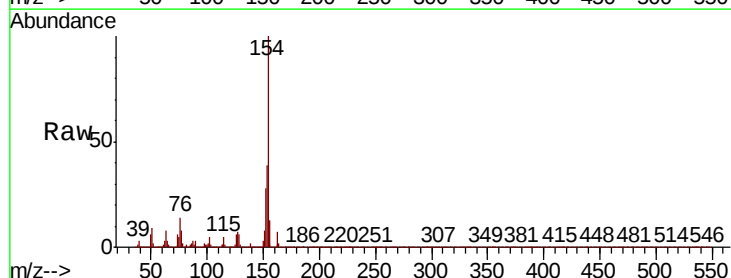
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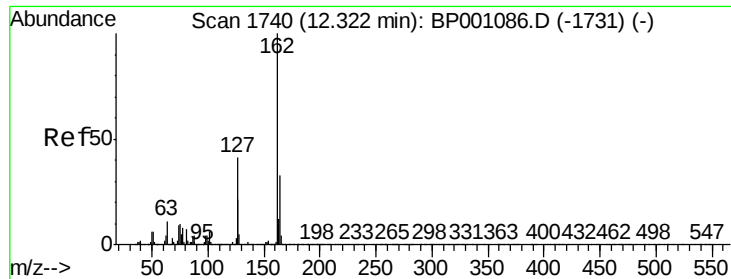
mohammad
12/4/2019 5:01:01 PM



#46
1,1'-Biphenyl
Concen: 44.708 ng
RT: 12.29 min Scan# 1734
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.2	60.2
76	14.4	0.0	34.5





#47

2-Chloronaphthalene

Concen: 44.007 ng

RT: 12.30 min Scan# 1737

Delta R.T. -0.02 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Instrument :

BNA_P

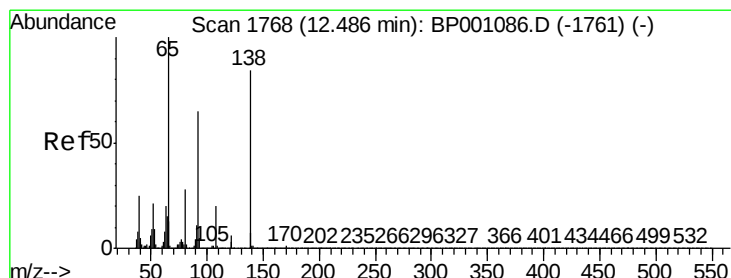
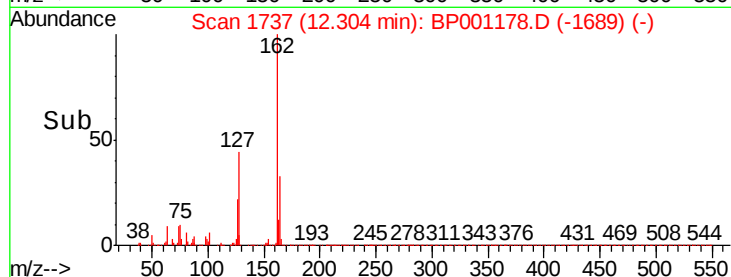
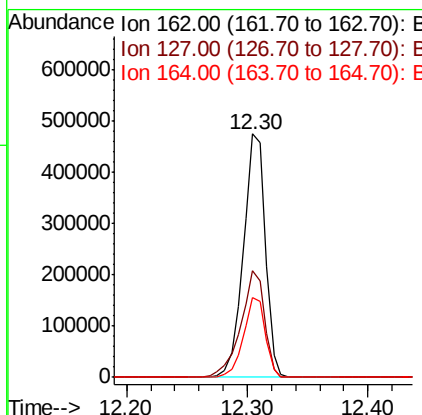
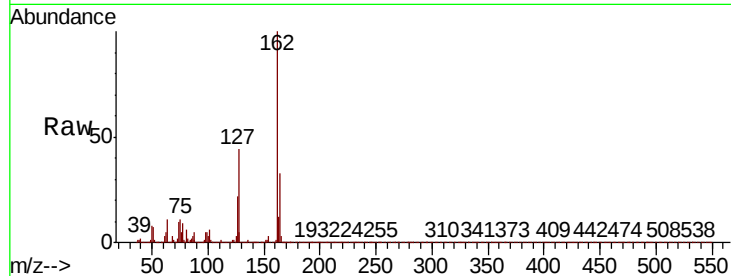
ClientSampleId :

211MSD

Tot Ion:	162	Resp:	603265
Ion Ratio	Lower	Upper	
162	100		
127	43.6	33.0	49.6
164	32.6	26.7	40.1

Manual Integrations
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#48

2-Nitroaniline

Concen: 44.750 ng

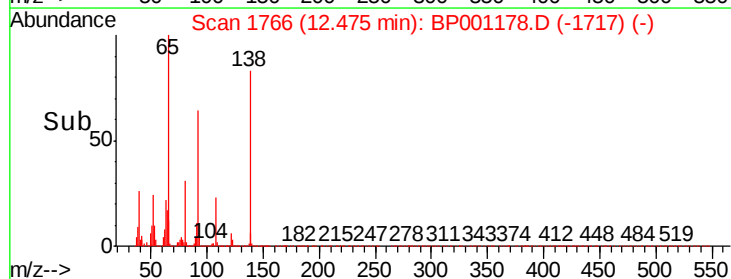
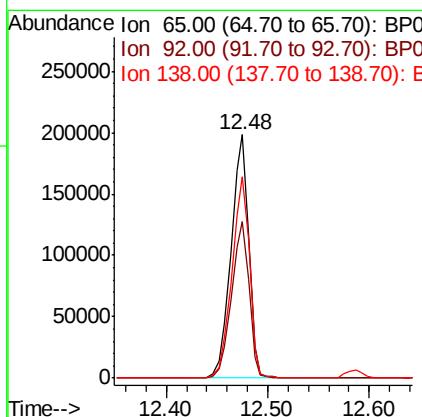
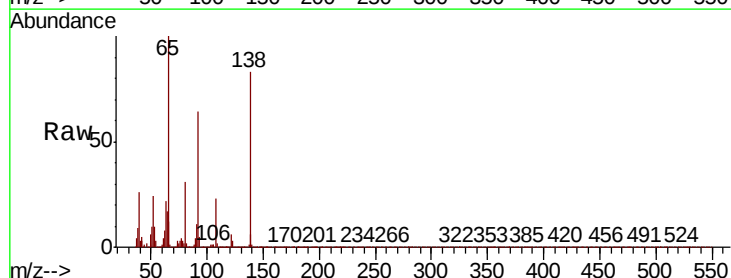
RT: 12.48 min Scan# 1766

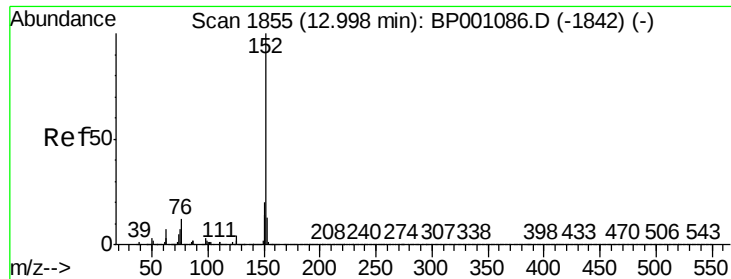
Delta R.T. -0.01 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Tgt Ion:	65	Resp:	240422
Ion Ratio	Lower	Upper	
65	100		
92	64.3	51.6	77.4
138	82.6	67.3	100.9





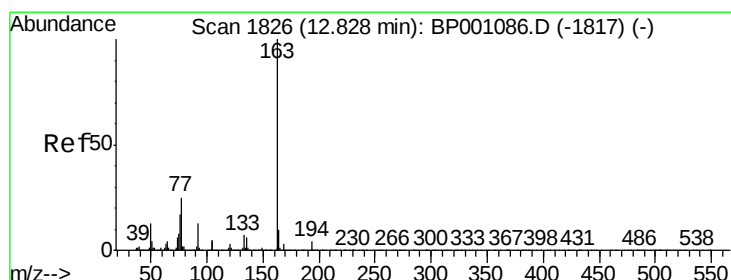
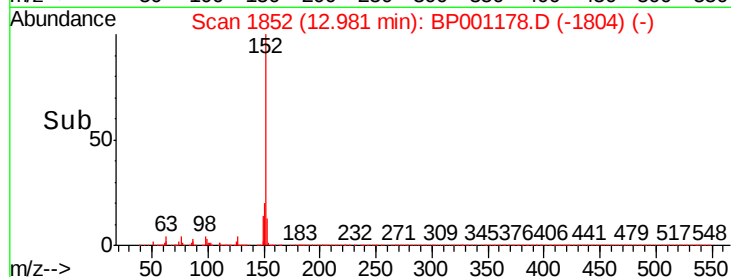
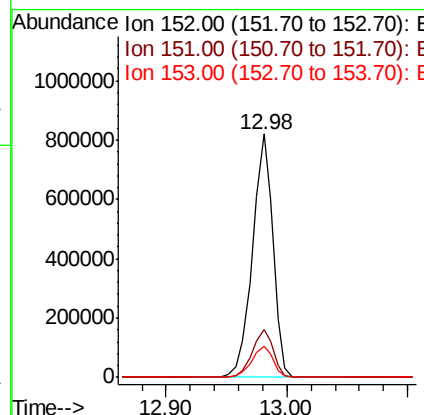
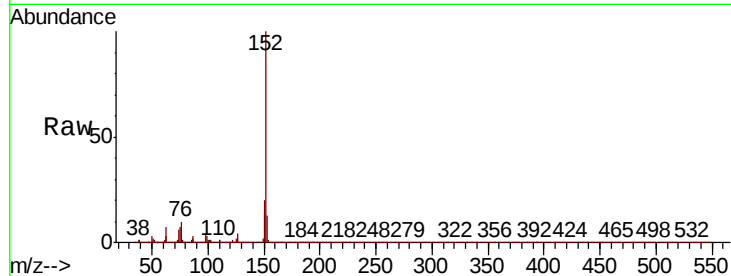
#49
Acenaphthylene
Concen: 47.211 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampled :
211MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	12.8	10.2	15.4

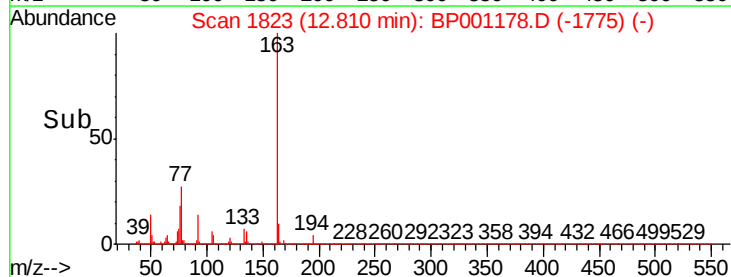
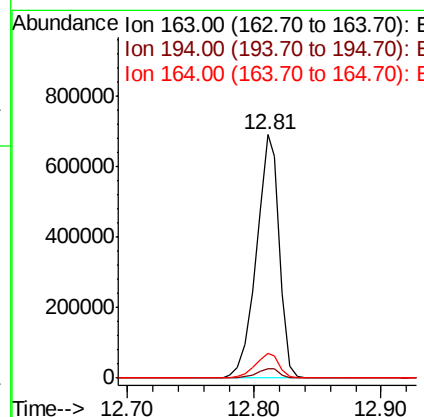
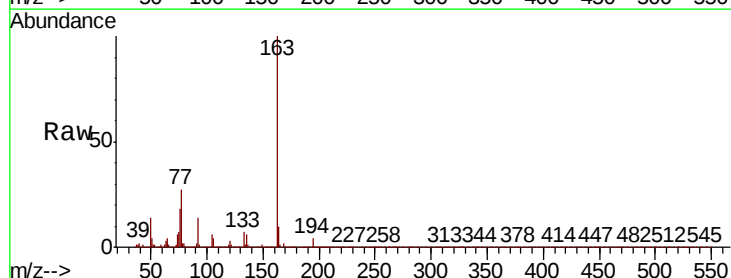
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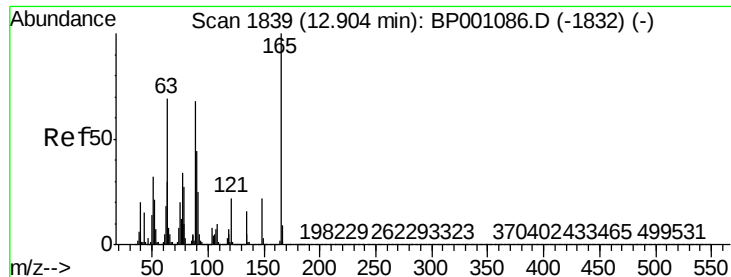
mohammad
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#50
Dimethylphthalate
Concen: 52.076 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.0	8.1	12.1





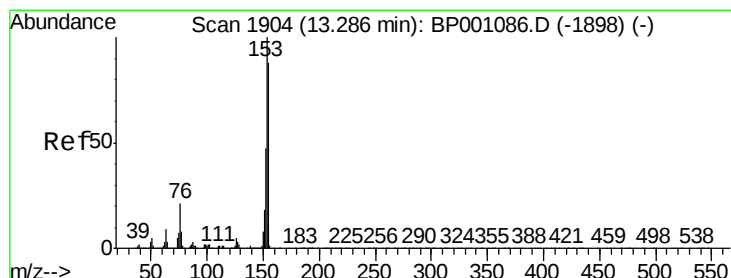
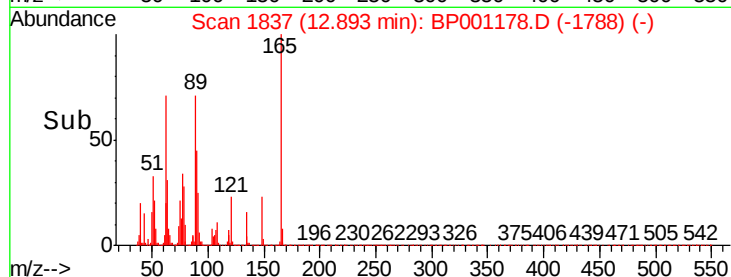
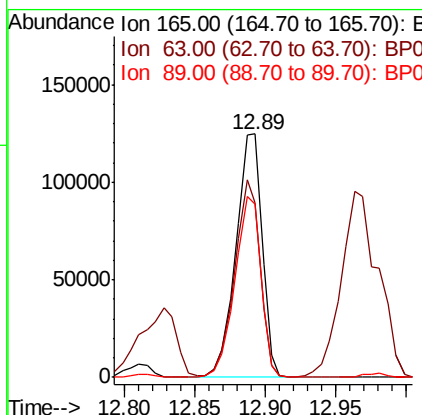
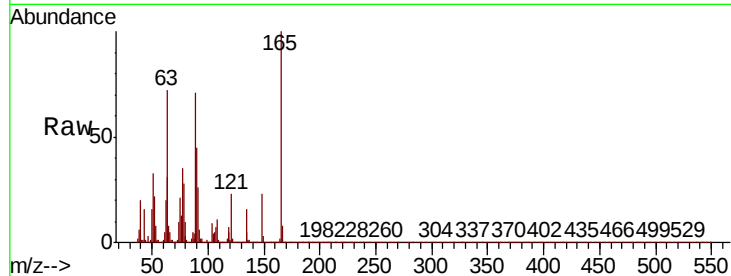
#51
2,6-Dinitrotoluene
Concen: 45.459 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	71.6	55.6	83.4
89	71.4	54.1	81.1

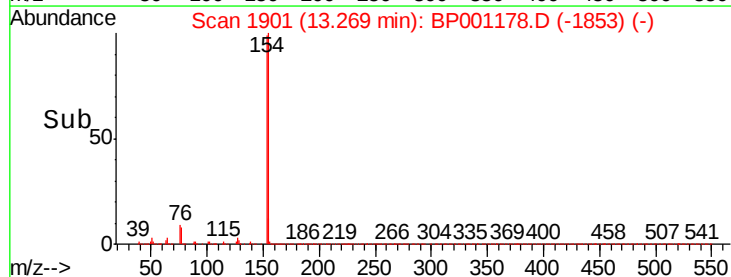
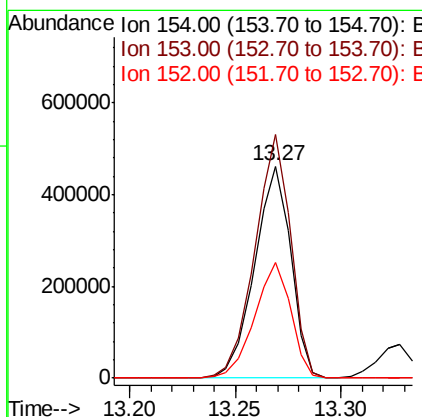
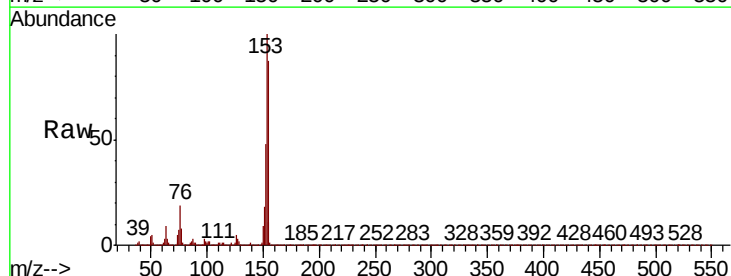
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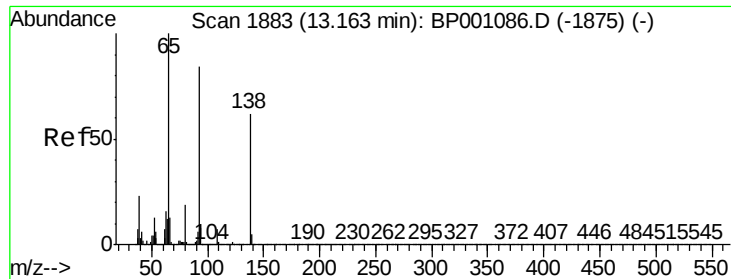
mohammad
12/4/2019 5:01:01 PM



#52
Acenaphthene
Concen: 44.486 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	90.5	135.7
152	54.7	42.6	64.0





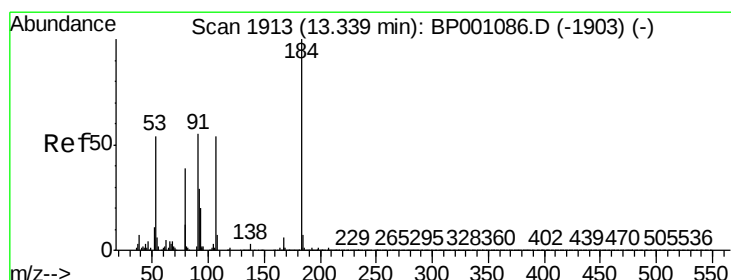
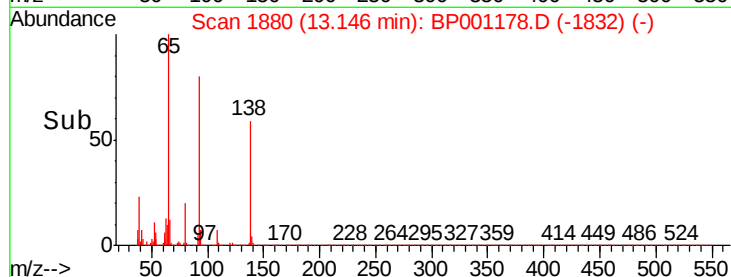
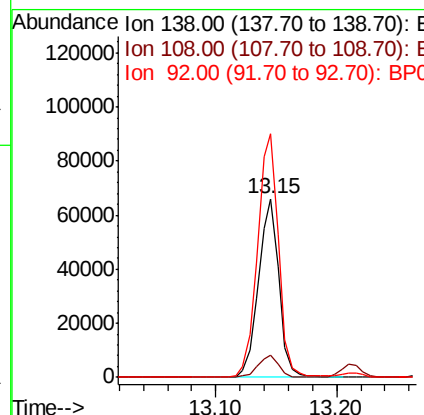
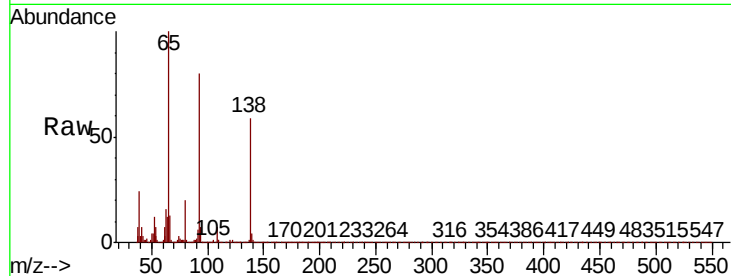
#53
3-Nitroaniline
Concen: 19.619 ng
RT: 13.15 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	9.2	13.8
92	136.4	107.8	161.6

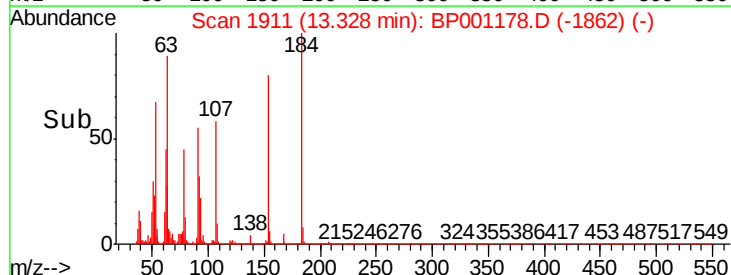
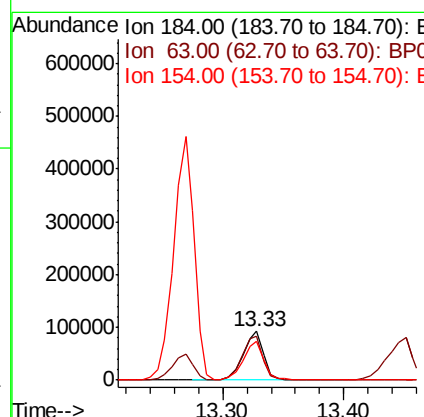
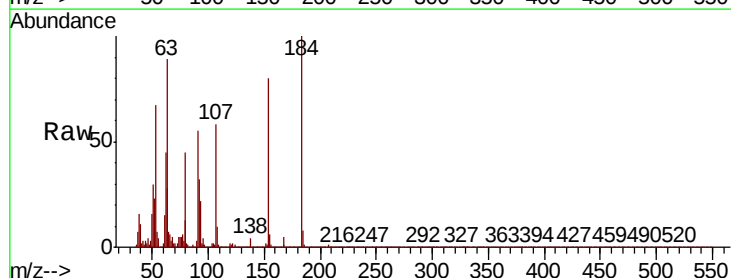
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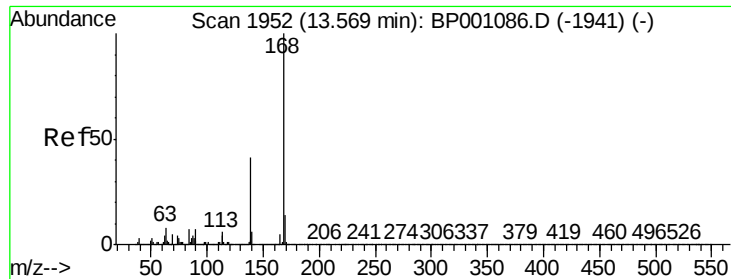
mohammad
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#54
2,4-Dinitrophenol
Concen: 76.001 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	89.2	60.7	91.1
154	79.8	56.2	84.2





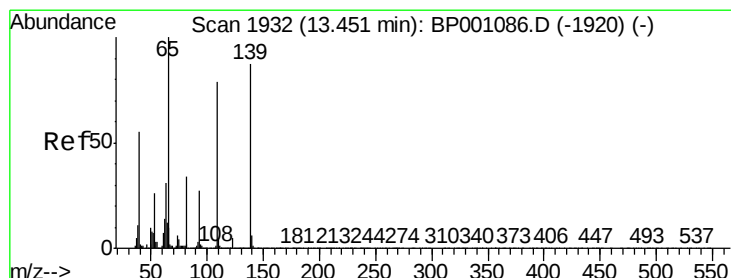
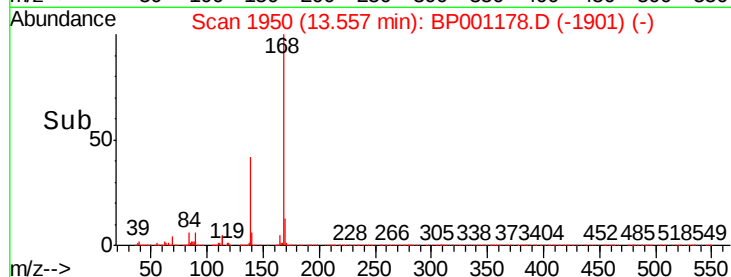
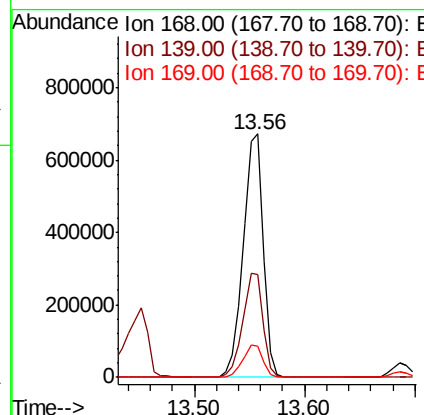
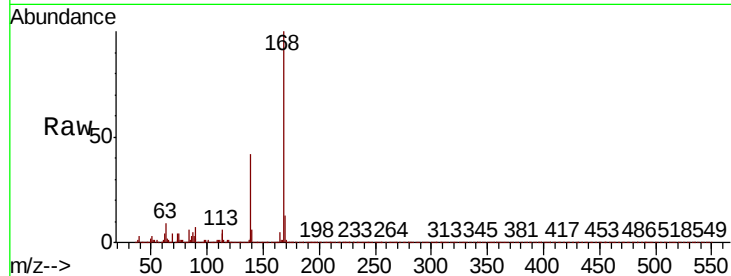
#55
Dibenzofuran
Concen: 46.056 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.1	32.8	49.2
169	12.6	10.9	16.3

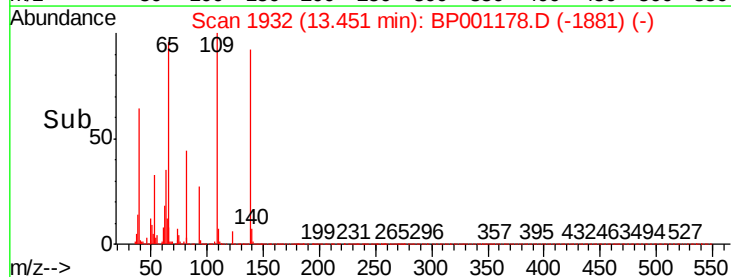
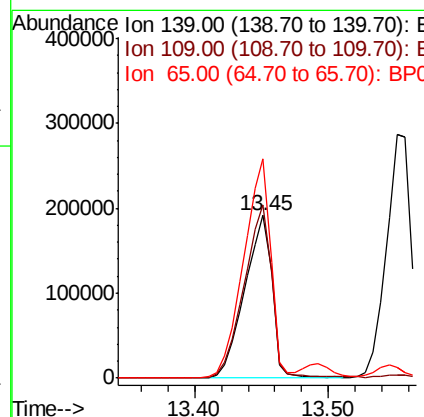
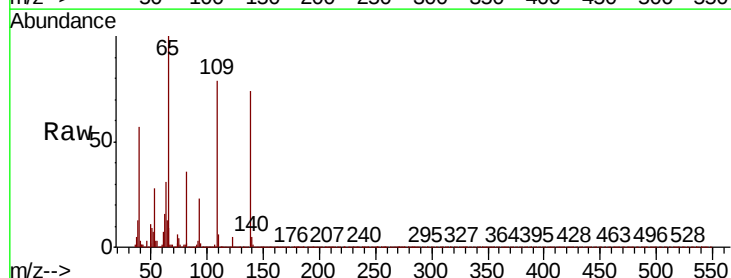
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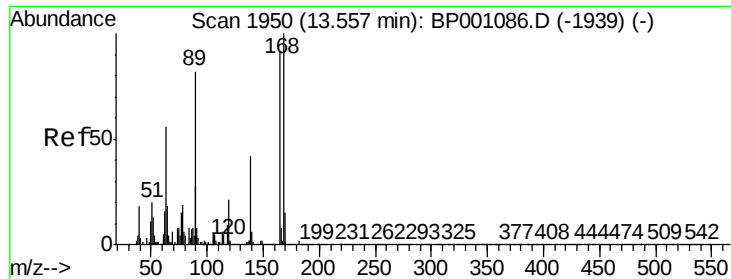
mohammad
12/4/2019 5:01:01 PM



#56
4-Nitrophenol
Concen: 96.118 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.9	70.9	110.9
65	135.0	95.2	135.2





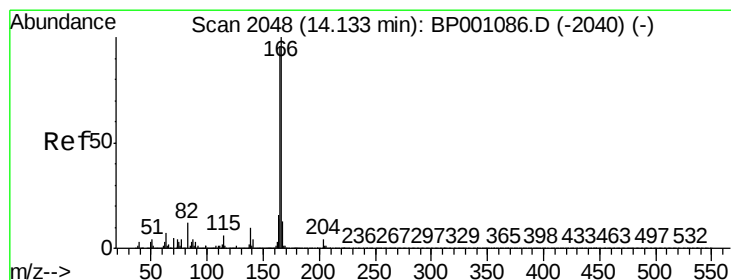
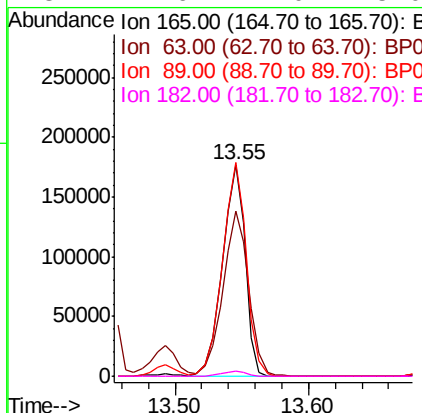
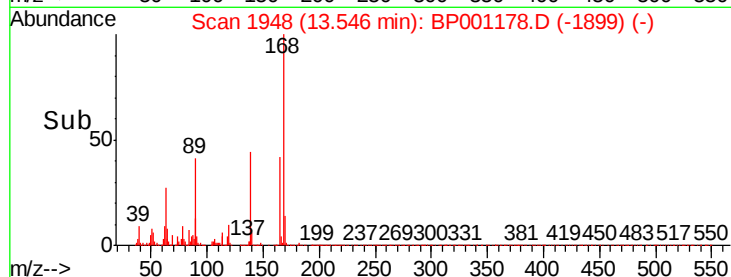
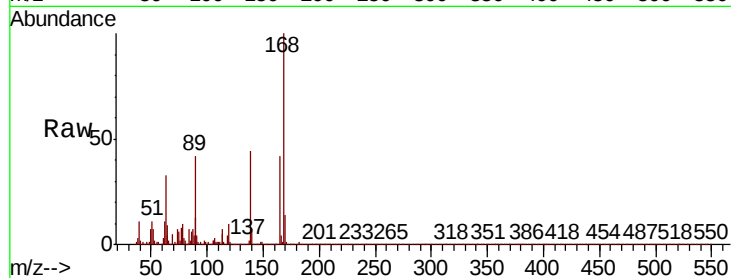
#57
2,4-Dinitrotoluene
Concen: 47.803 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampled :
211MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	78.3	49.4	74.2#
89	100.9	72.1	108.1
182	2.6	2.0	3.0

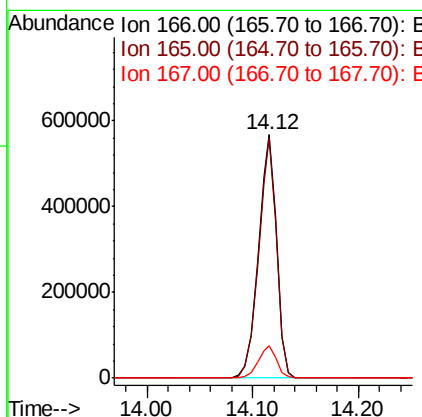
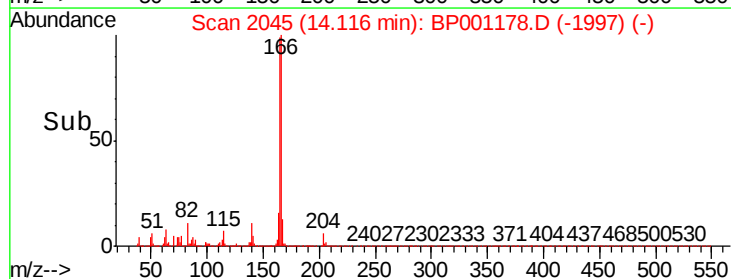
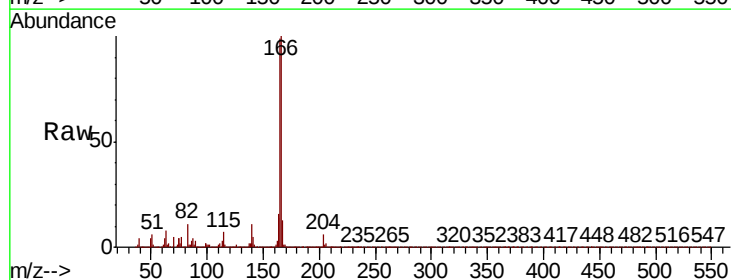
Manual Integrations
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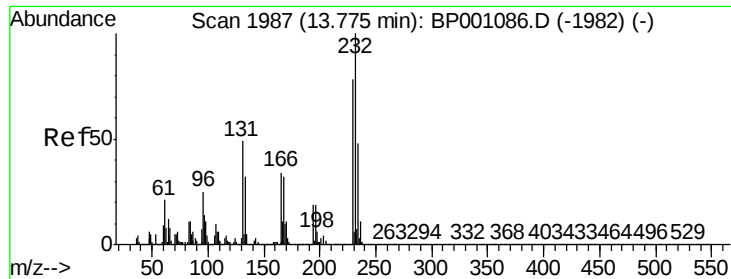
mohammad
12/4/2019 5:01:01 PM



#58
Fluorene
Concen: 45.814 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	76.7	115.1
167	13.2	10.5	15.7





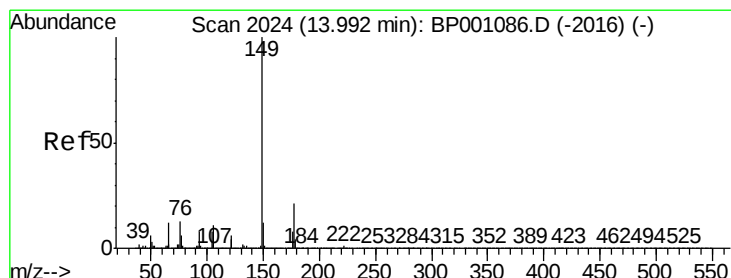
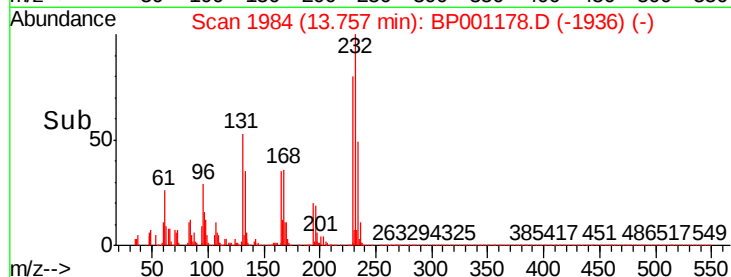
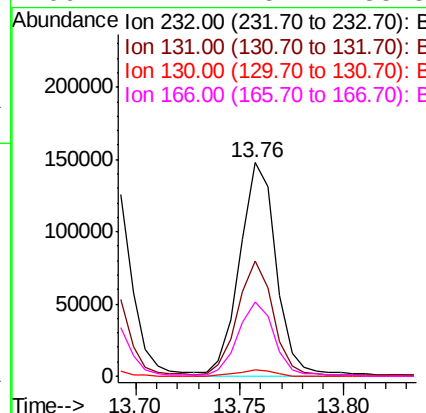
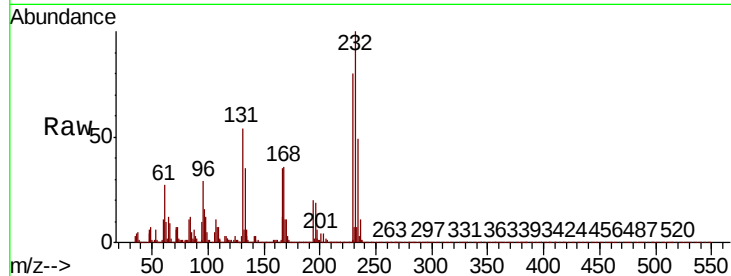
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.542 ng m
RT: 13.76 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampled :
211MSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	45.1	39.6	59.4
130	2.8	1.9	2.9
166	27.7	25.7	38.5

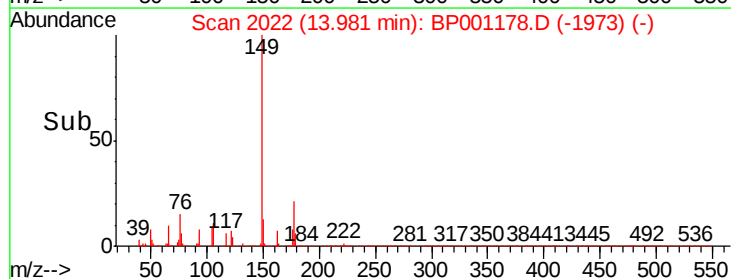
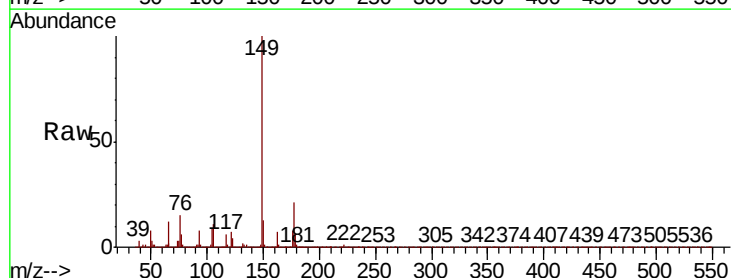
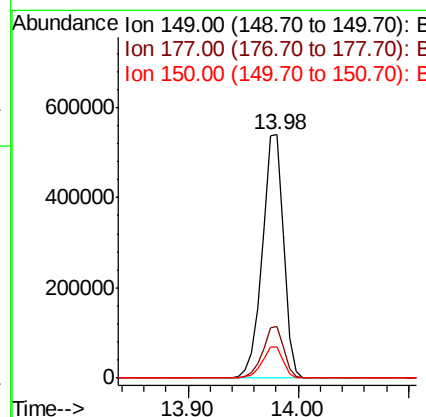
Manual Integrations
APPROVED

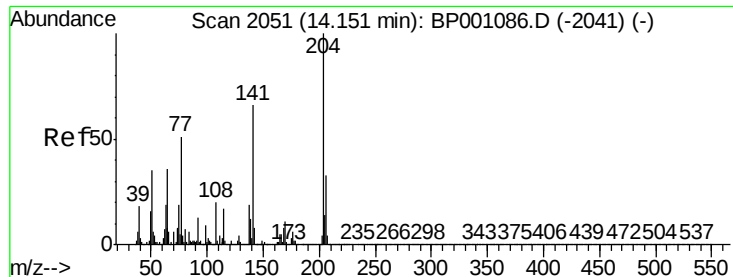
mohammad
12/4/2019 5:01:01 PM



#60
Diethylphthalate
Concen: 42.537 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.3	17.0	25.6
150	12.6	9.9	14.9





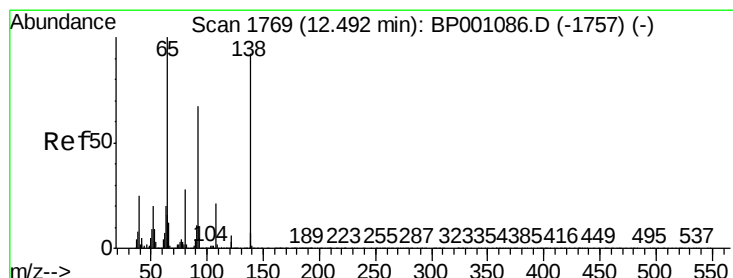
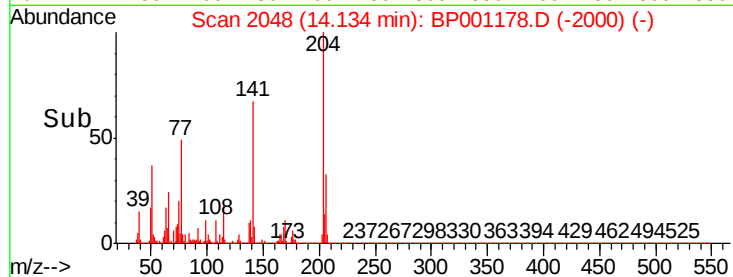
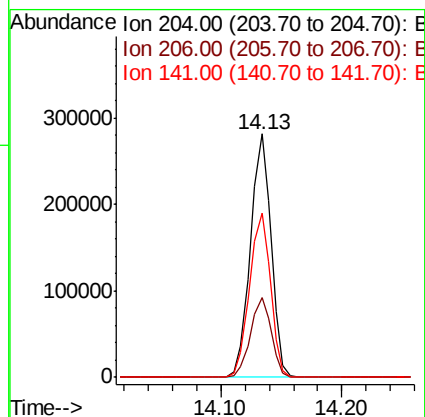
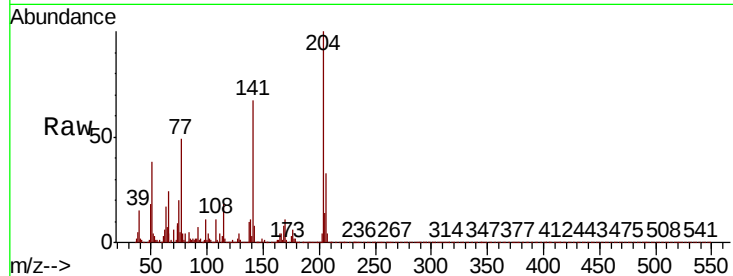
#61
4-Chlorophenyl-phenylether
Concen: 44.445 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.1	39.1
141	67.4	52.7	79.1

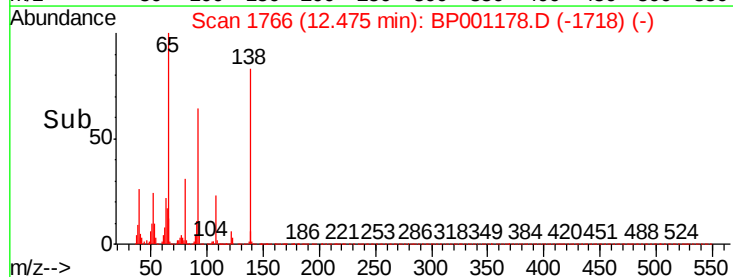
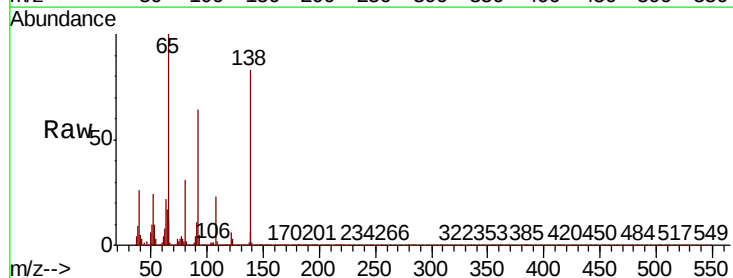
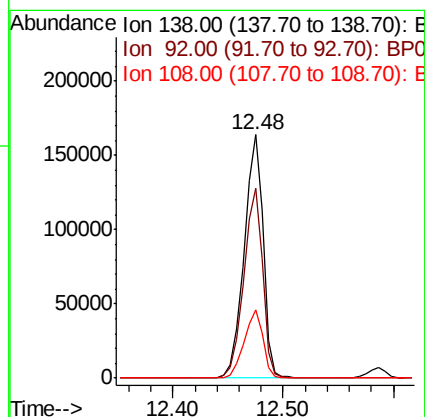
Manual Integrations
APPROVED

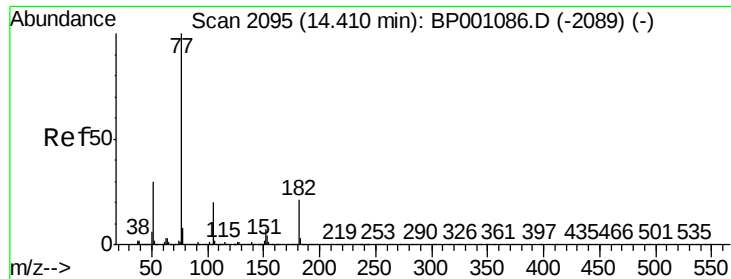
mohammad
12/4/2019 5:01:01 PM



#62
4-Nitroaniline
Concen: 42.942 ng
RT: 12.48 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	77.8	53.3	93.3
108	28.0	3.1	43.1





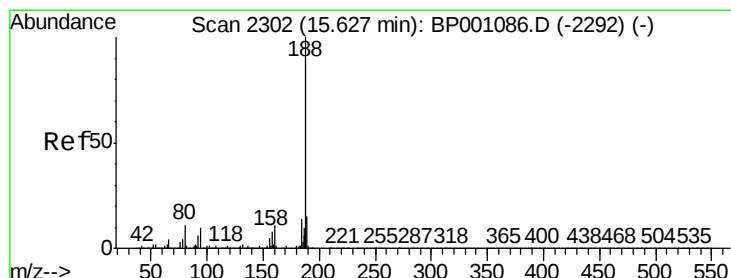
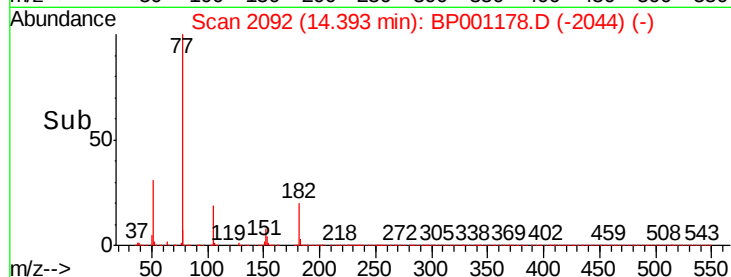
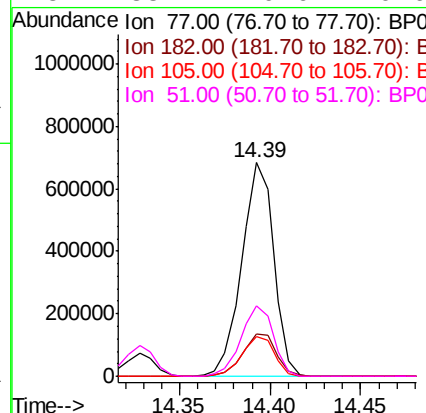
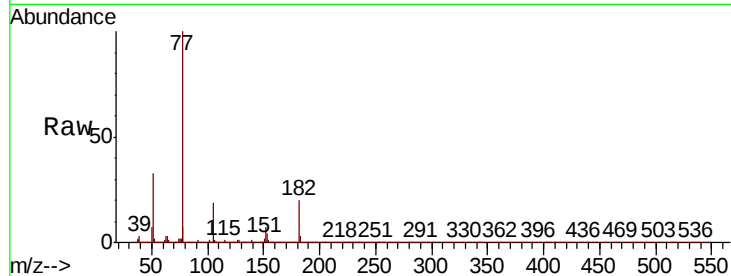
#63
Azobenzene
Concen: 45.092 ng
RT: 14.39 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampled :
211MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	19.9	0.8	40.8		
105	18.8	0.3	40.3		
51	33.1	9.6	49.6		

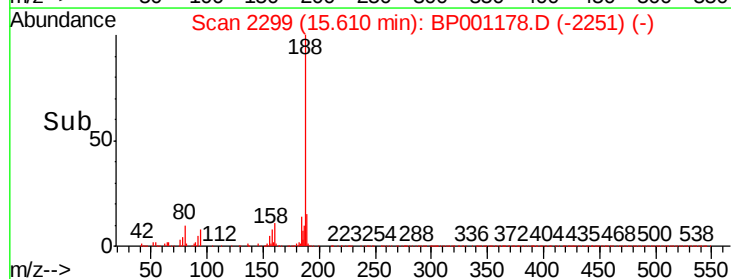
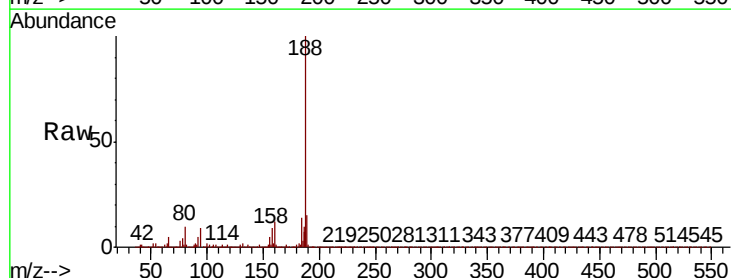
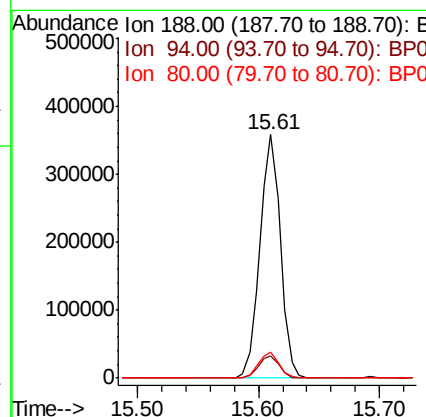
Manual Integrations
APPROVED

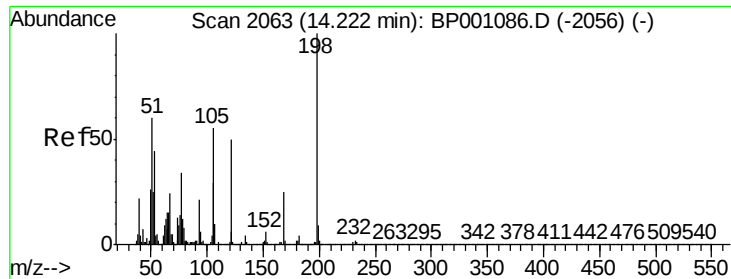
mohammad
12/4/2019 5:01:01 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.3	7.9	11.9		
80	10.4	8.8	13.2		





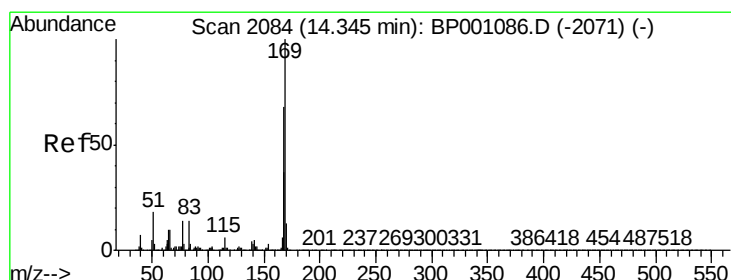
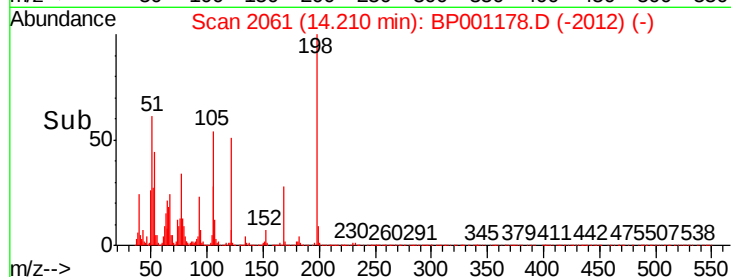
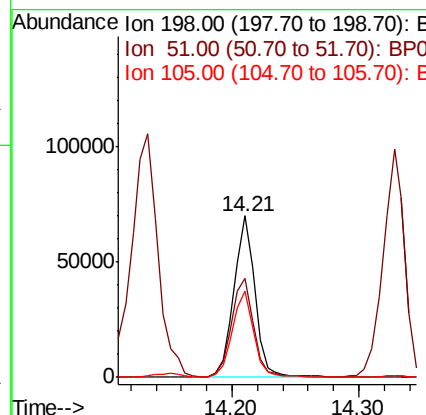
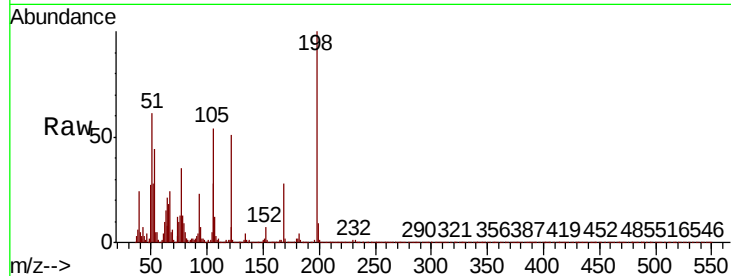
#65
4,6-Dinitro-2-methylphenol
Concen: 44.550 ng
RT: 14.21 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	80349		
51	61.4		40.5	80.5
105	53.8		35.7	75.7

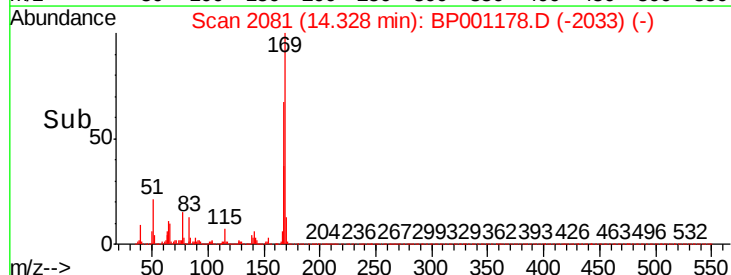
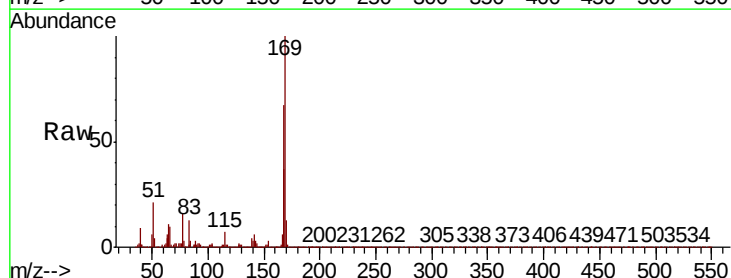
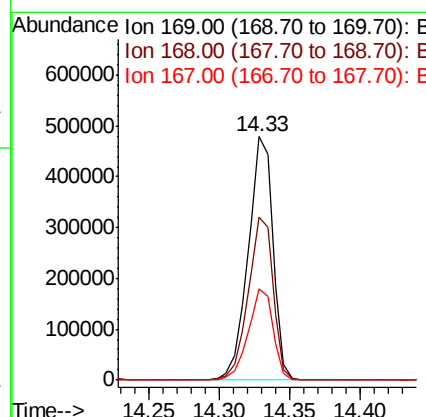
Manual Integrations
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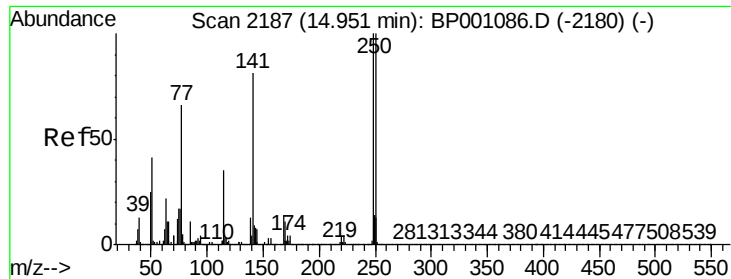
mohammad
12/4/2019 5:01:01 PM



#66
n-Nitrosodiphenylamine
Concen: 45.504 ng
RT: 14.33 min Scan# 2081
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	588279		
168	67.0		54.1	81.1
167	37.3		29.5	44.3





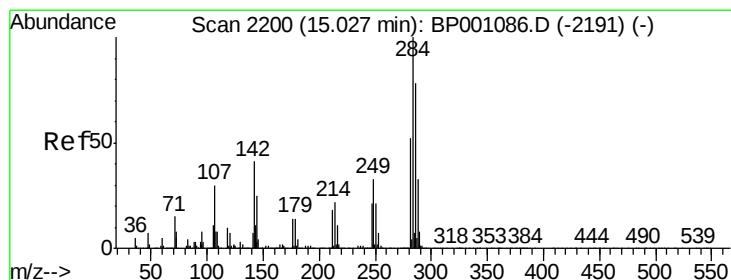
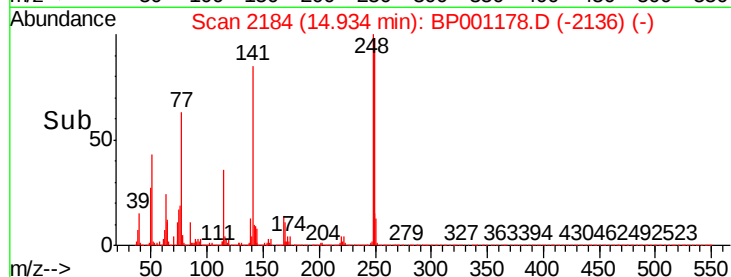
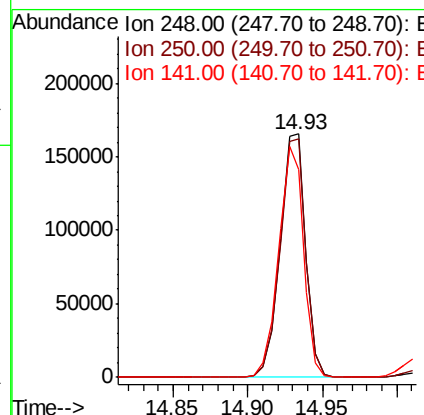
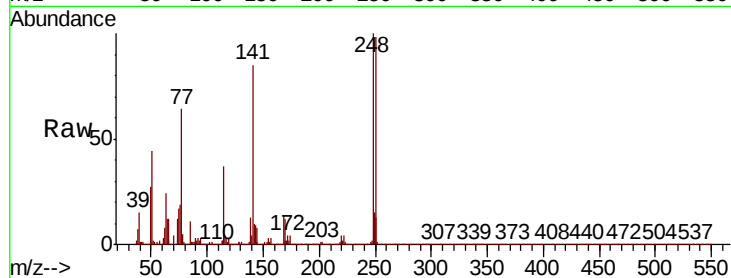
#67
4-Bromophenyl-phenylether
Concen: 42.751 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	80.3	120.5
141	85.5	64.9	97.3

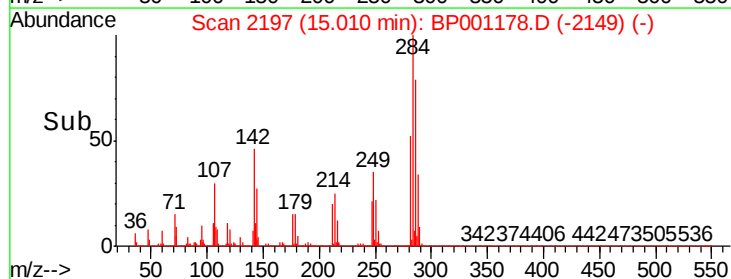
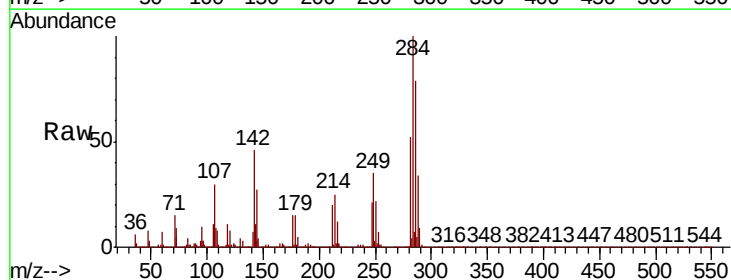
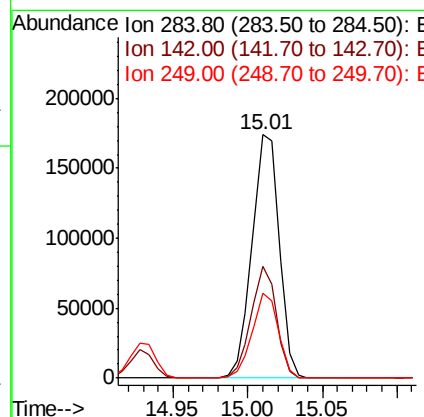
Manual Integrations
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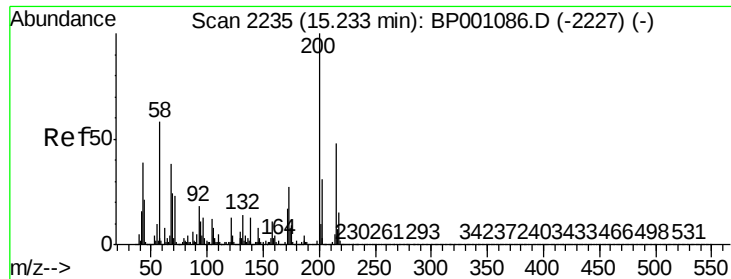
mohammad
12/4/2019 5:01:01 PM



#68
Hexachlorobenzene
Concen: 43.004 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.7	33.2	49.8
249	34.9	26.2	39.4





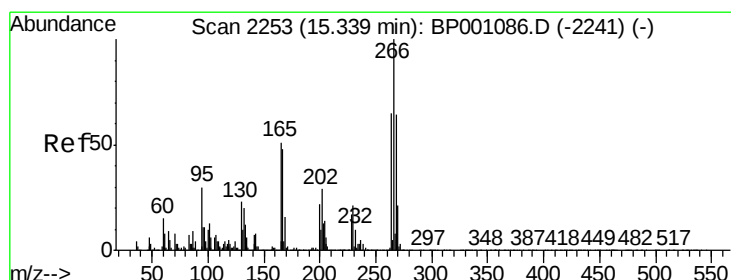
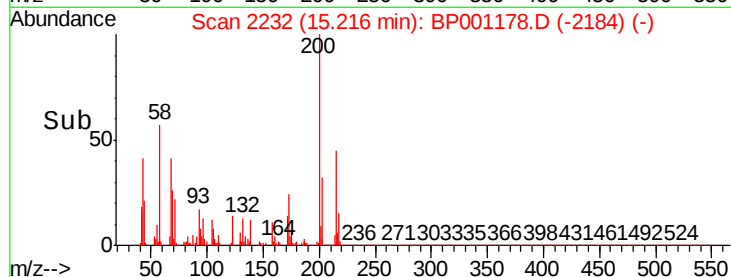
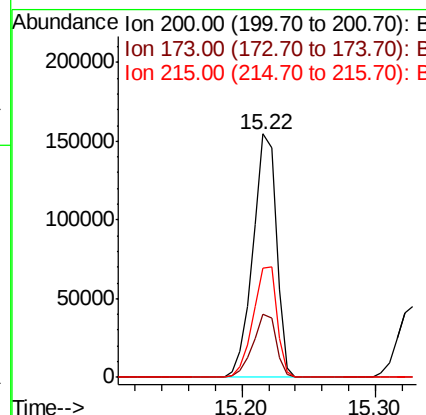
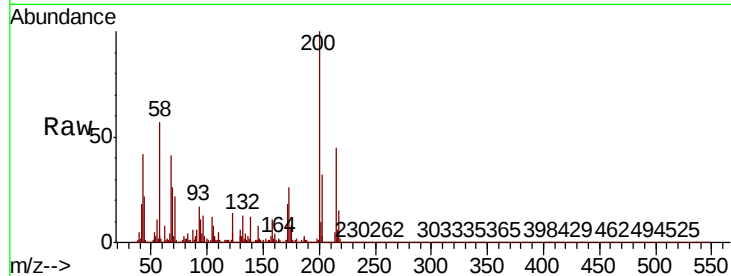
#69
Atrazine
Concen: 47.012 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampled :
211MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.1	6.7	46.7	
215	44.6	27.9	67.9	

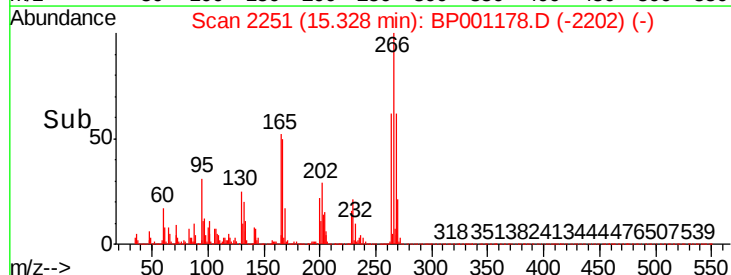
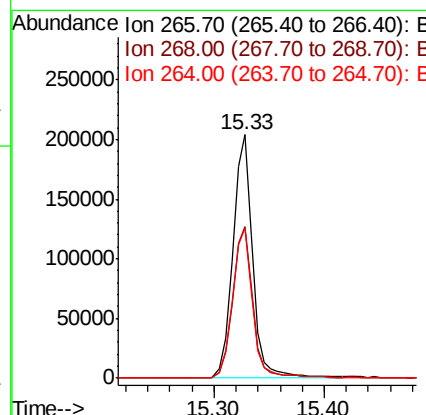
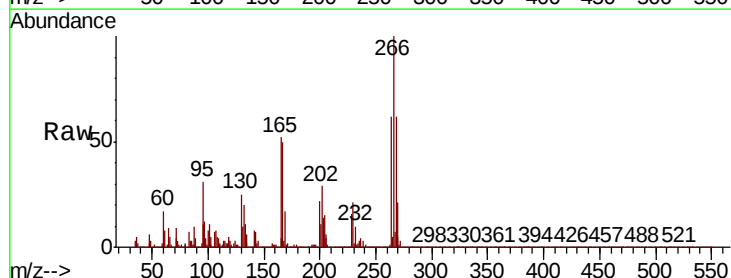
Manual Integrations
APPROVED

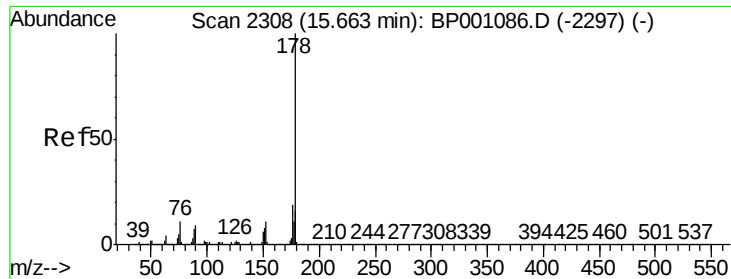
mohammad
12/4/2019 5:01:01 PM



#70
Pentachlorophenol
Concen: 97.237 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.3	51.6	77.4	
264	61.8	52.2	78.4	





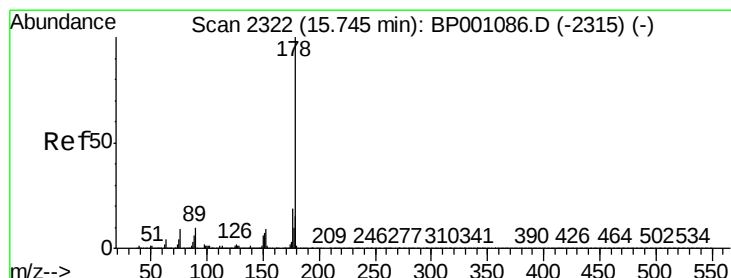
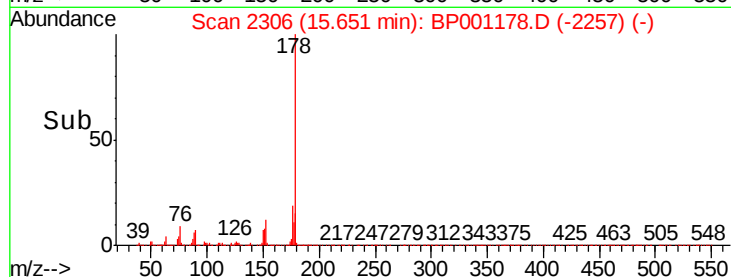
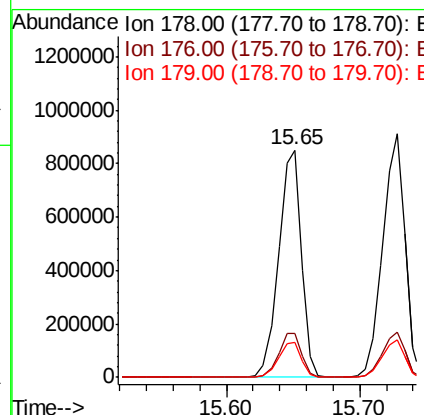
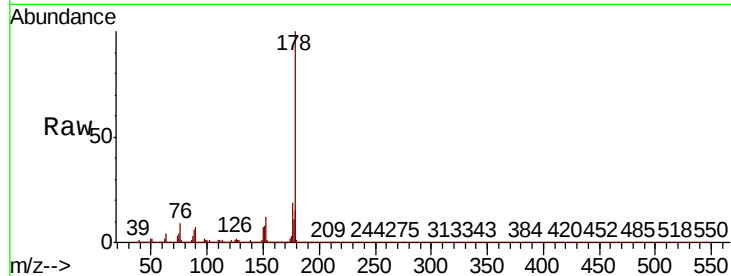
#71
Phenanthrene
Concen: 45.336 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.2	12.5	18.7

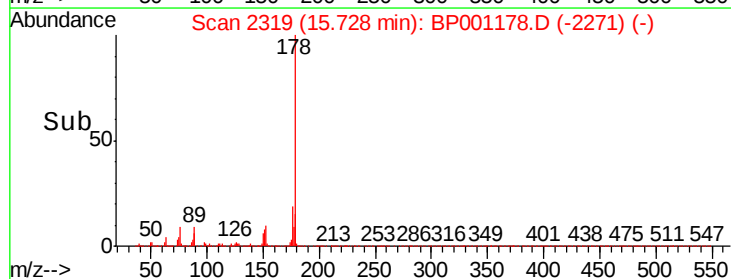
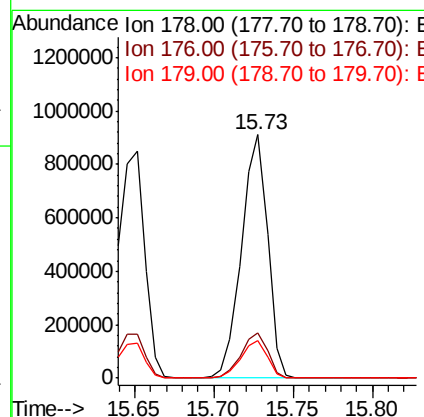
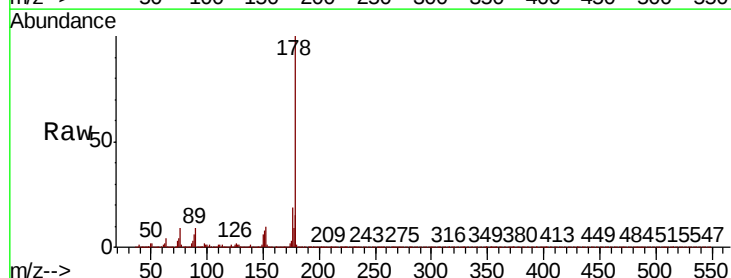
Manual Integrations
APPROVED

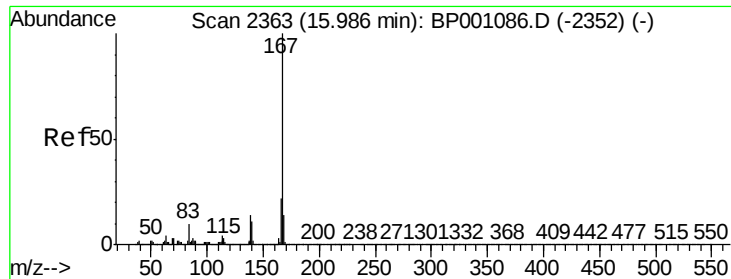
mohammad
12/4/2019 5:01:01 PM



#72
Anthracene
Concen: 47.129 ng
RT: 15.73 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.2	18.4





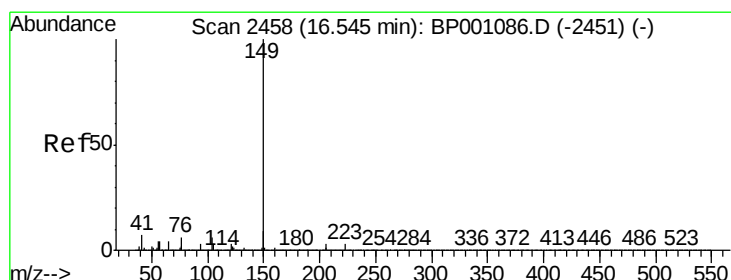
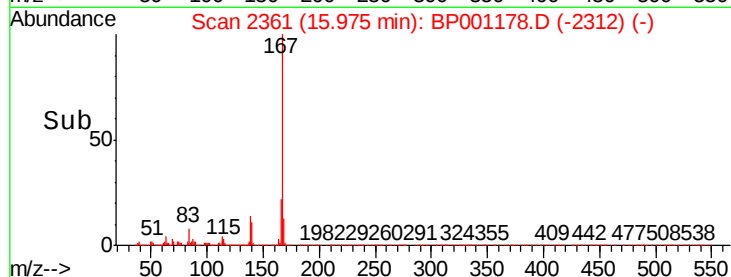
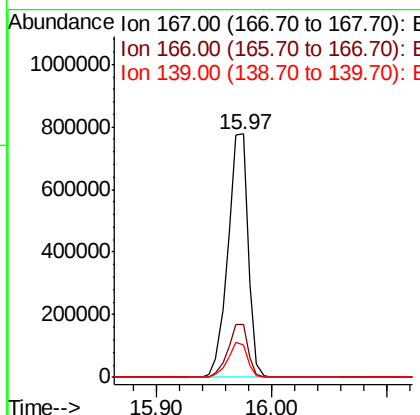
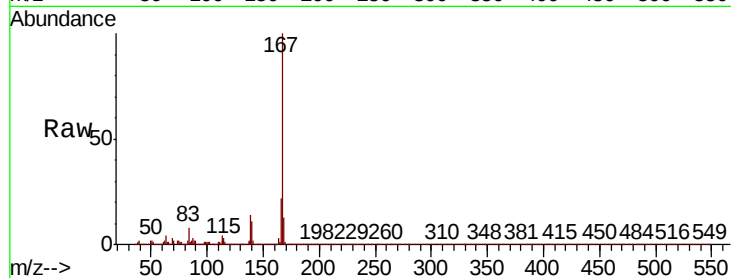
#73
 Carbazole
 Concen: 46.757 ng
 RT: 15.97 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BP001178.D
 Acq: 04 Dec 2019 02:36

Instrument :
 BNA_P
 ClientSampled :
 211MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	13.6	11.3	16.9

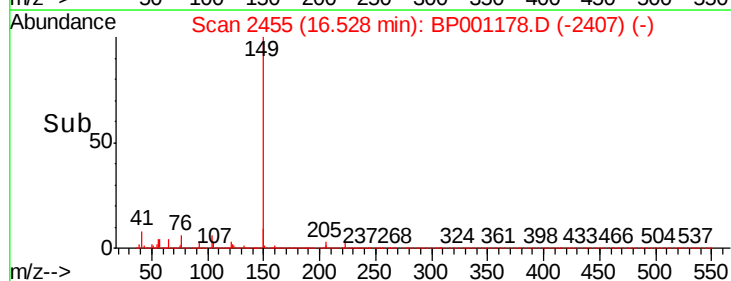
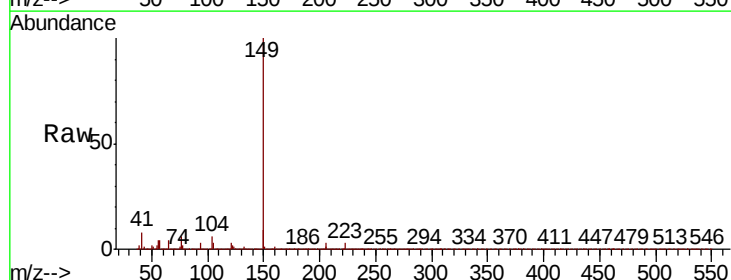
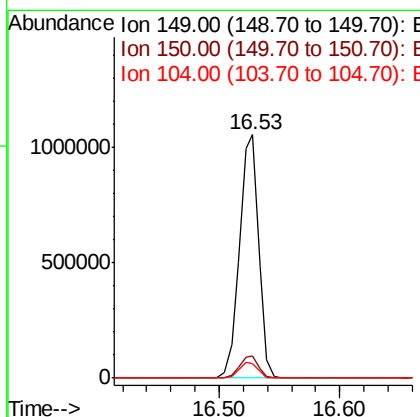
Manual Integrations
 APPROVED

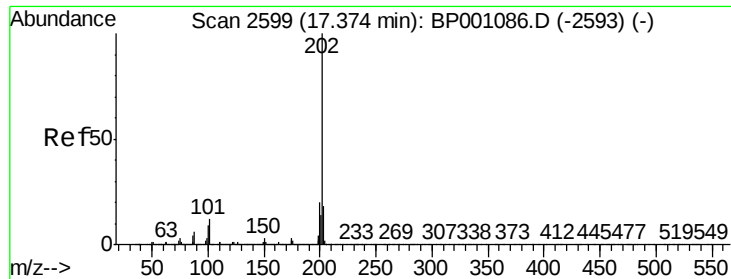
mohammad
 12/4/2019 5:01:01 PM



#74
 Di-n-butylphthalate
 Concen: 43.069 ng
 RT: 16.53 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BP001178.D
 Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	5.9	4.6	6.8





#75

Fluoranthene

Concen: 46.930 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.02 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Instrument :

BNA_P

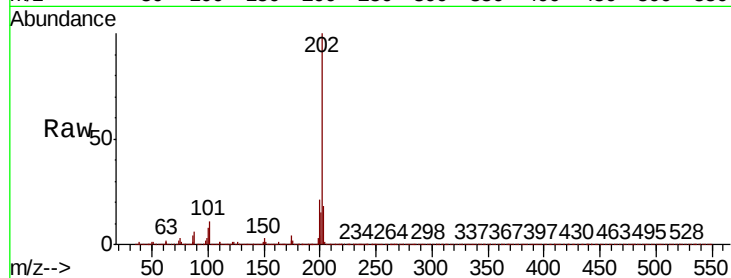
ClientSampleId :

211MSD

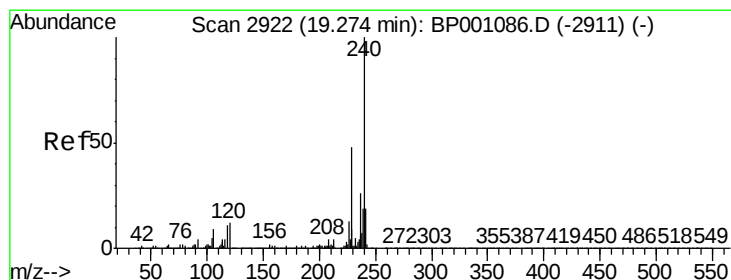
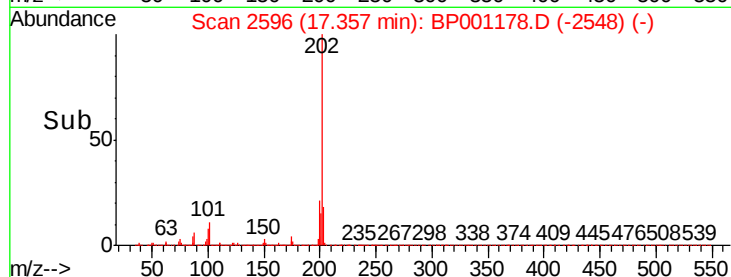
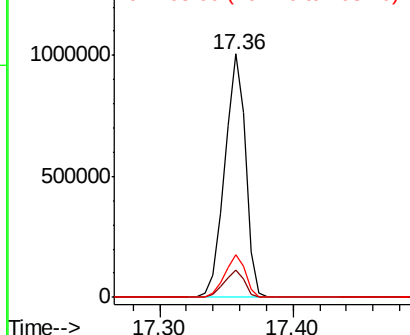
Tot Ion:	202	Resp:	1111364
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	32.1
203	17.8	0.0	37.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.26 min Scan# 2919

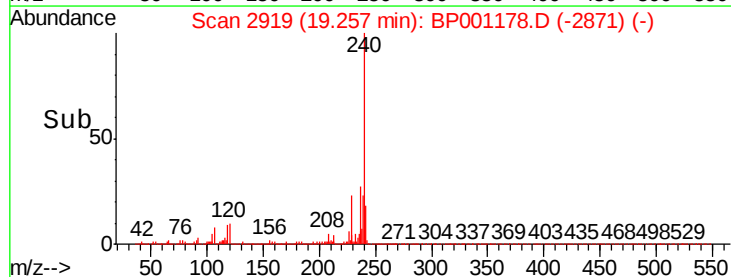
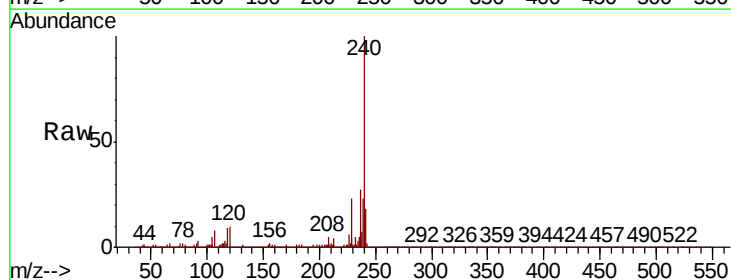
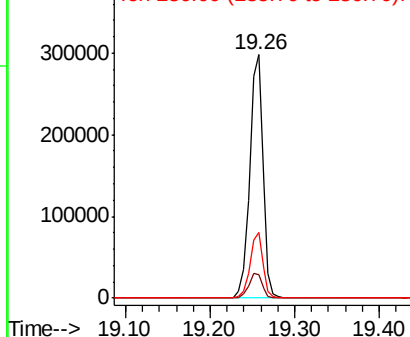
Delta R.T. -0.02 min

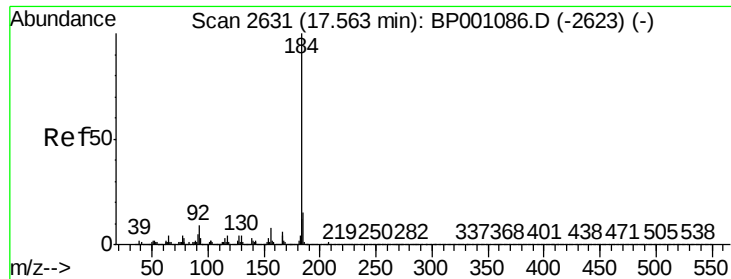
Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Tgt Ion:	240	Resp:	322233
Ion Ratio	Lower	Upper	
240	100		
120	9.6	9.5	14.3
236	27.0	20.4	30.6

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.652 ng

RT: 17.55 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Instrument :

BNA_P

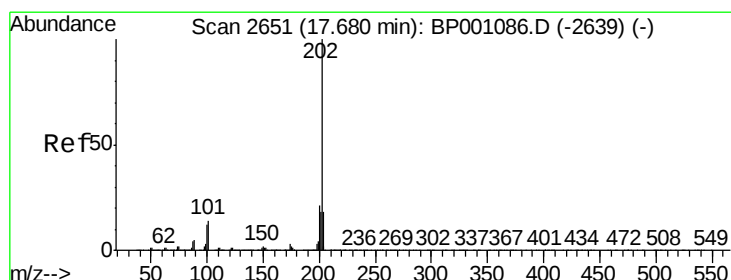
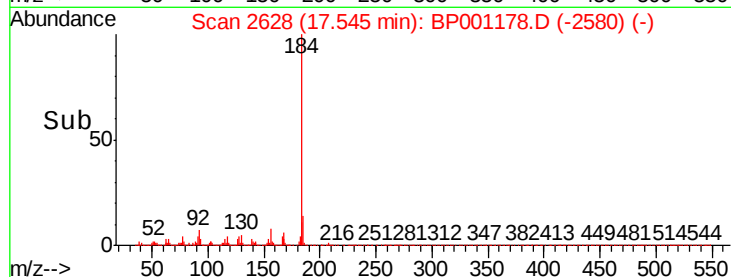
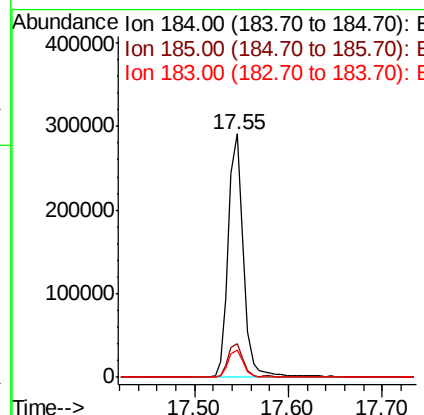
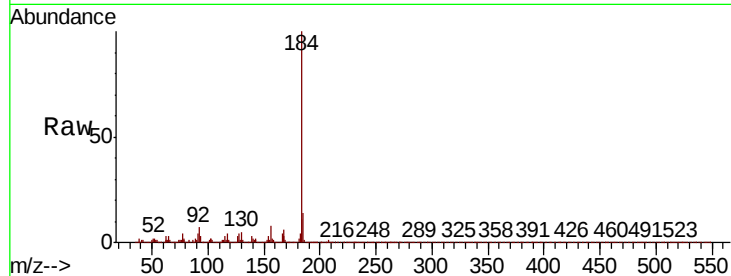
ClientSampleId :

211MSD

Tot Ion:	184	Resp:	329900
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.2	18.4
183	11.0	9.3	13.9

Manual Integrations
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#78

Pyrene

Concen: 44.737 ng

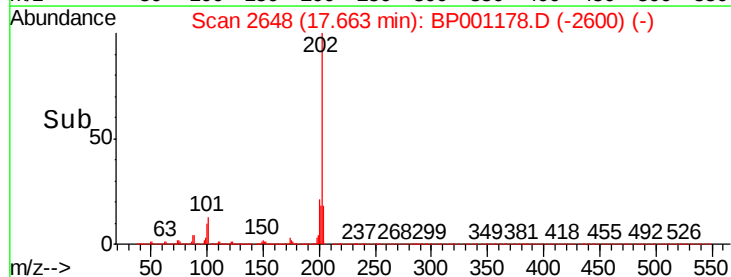
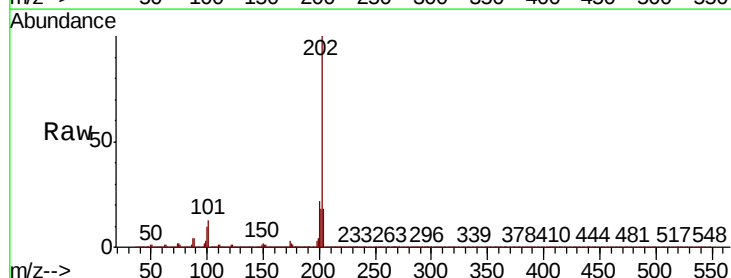
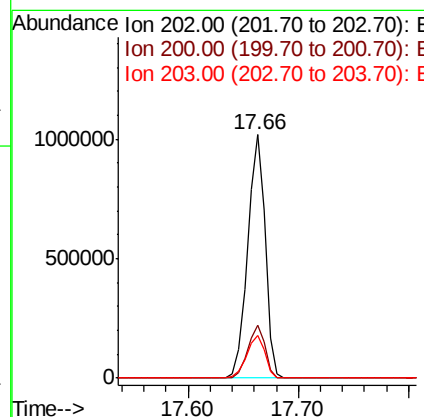
RT: 17.66 min Scan# 2648

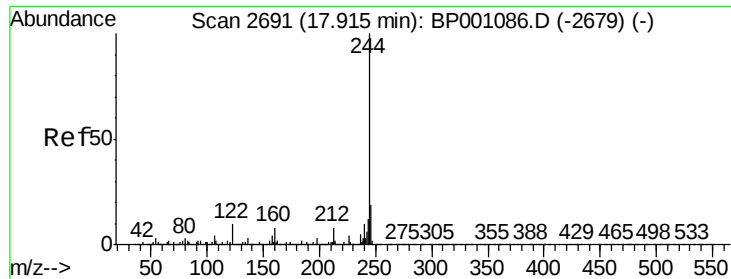
Delta R.T. -0.02 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Tgt Ion:	202	Resp:	1135422
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.0	25.6
203	17.7	14.1	21.1





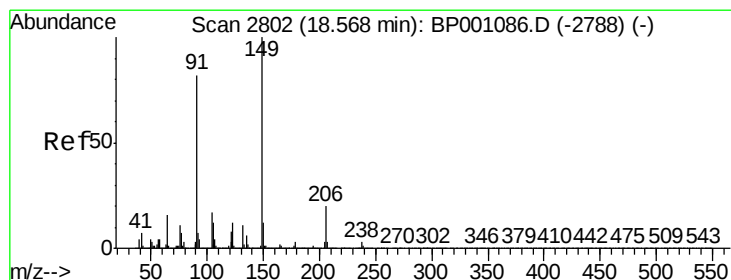
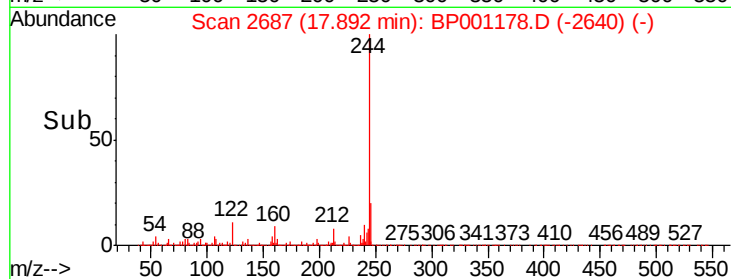
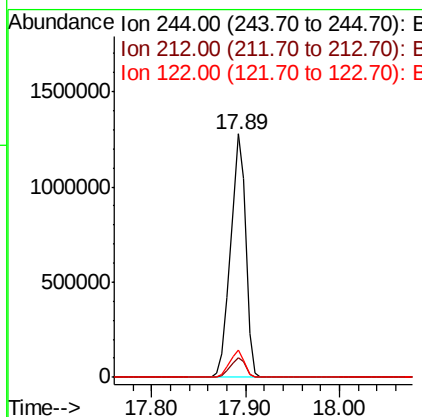
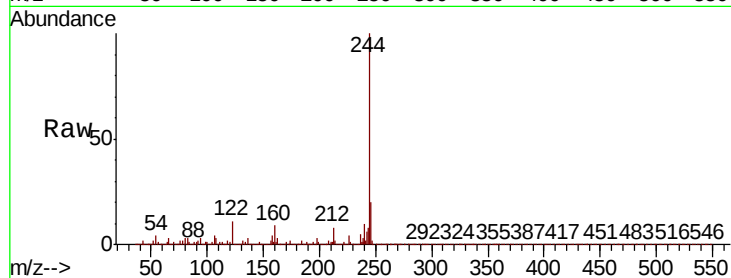
#79
Terphenyl-d14
Concen: 82.008 ng
RT: 17.89 min Scan# 2687
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	11.3	8.2	12.2

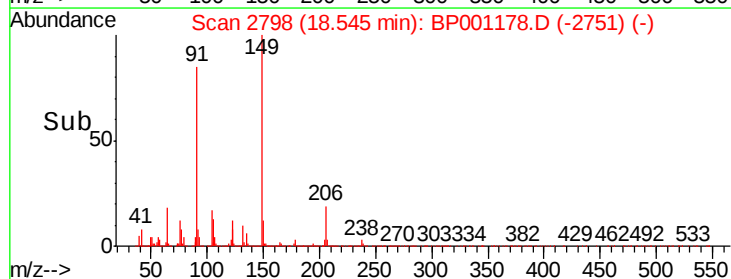
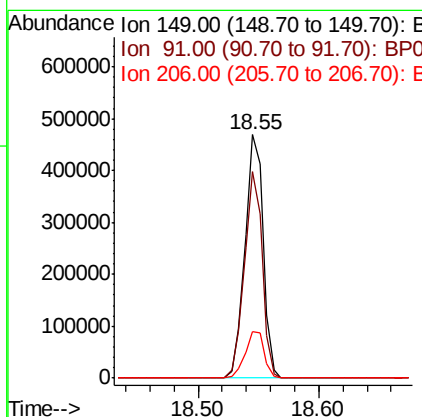
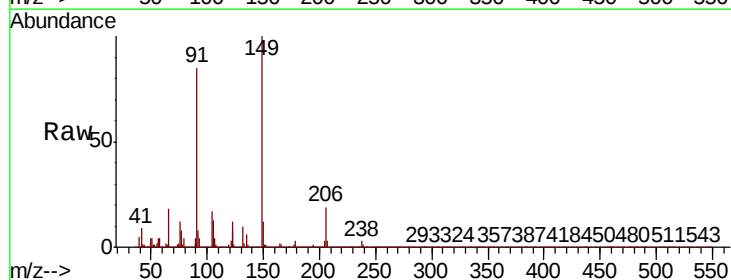
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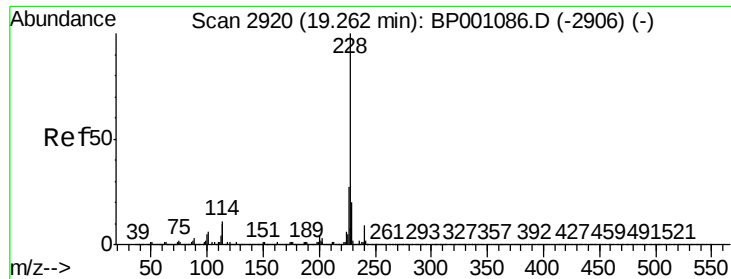
mohammad
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#80
Butylbenzylphthalate
Concen: 42.390 ng
RT: 18.55 min Scan# 2798
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	85.0	65.4	98.2
206	19.1	16.0	24.0





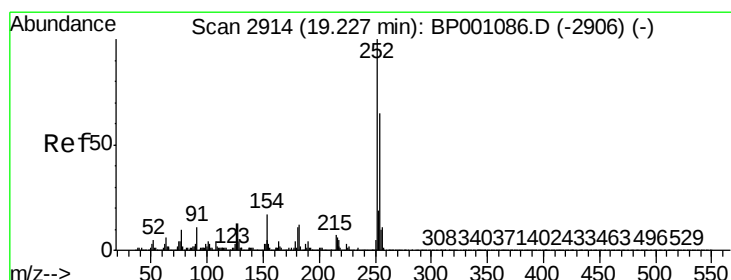
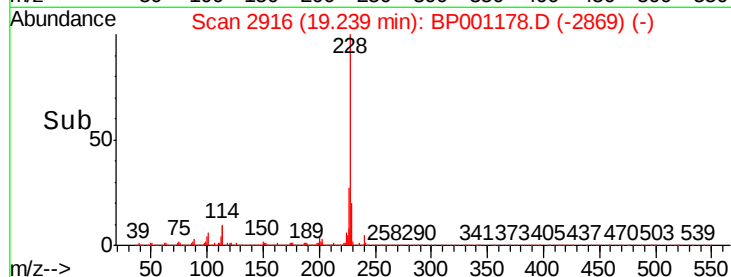
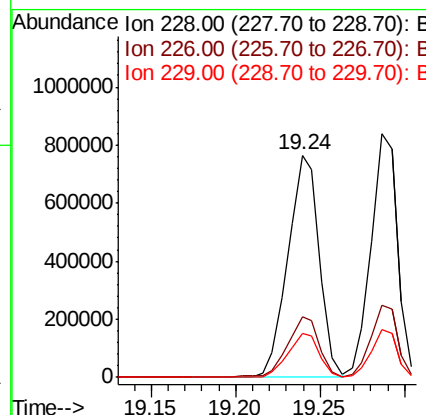
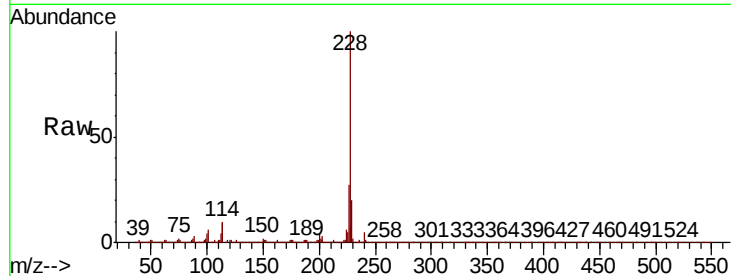
#81
Benzo(a)anthracene
Concen: 44.169 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampled :
211MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.5	15.8	23.6

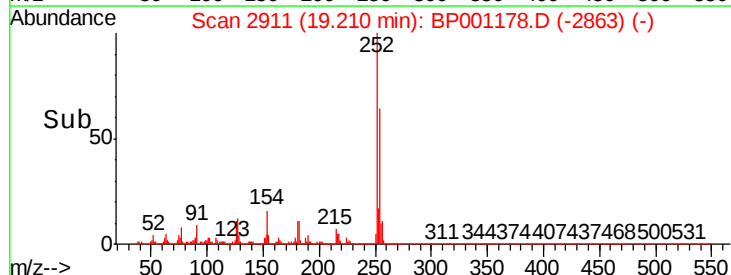
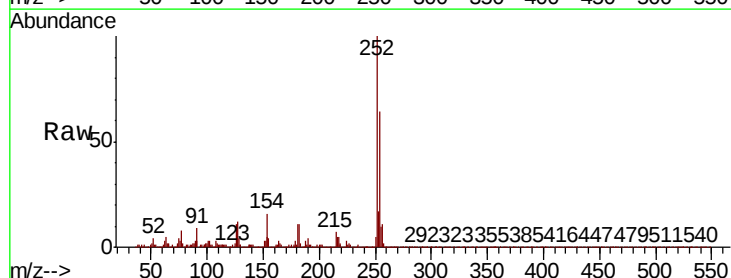
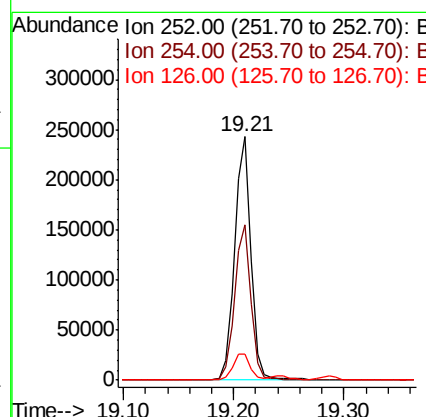
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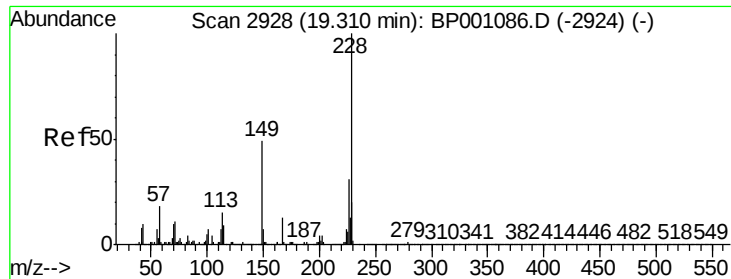
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 34.252 ng
RT: 19.21 min Scan# 2911
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.7	77.5
126	10.7	10.2	15.4





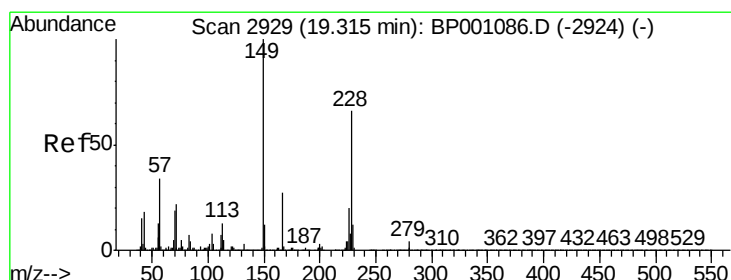
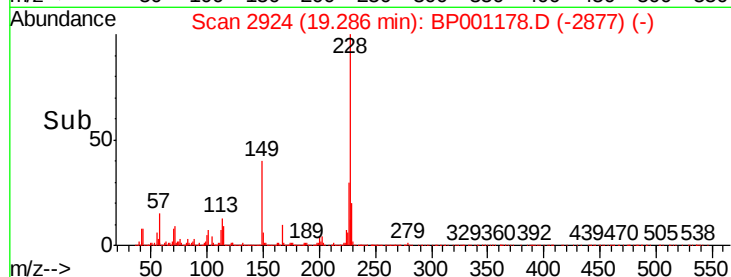
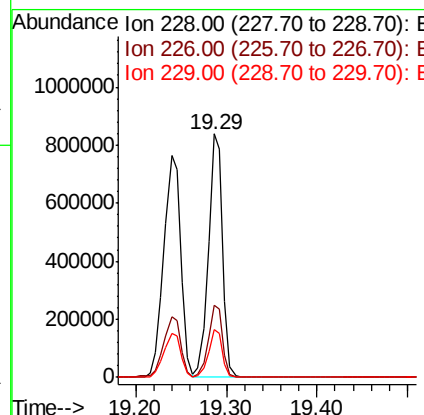
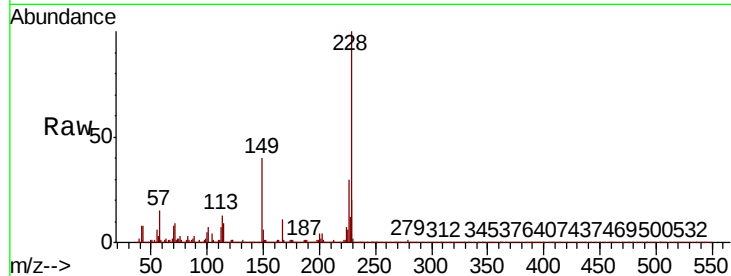
#83
 Chrysene
 Concen: 46.131 ng
 RT: 19.29 min Scan# 2924
 Delta R.T. -0.02 min
 Lab File: BP001178.D
 Acq: 04 Dec 2019 02:36

Instrument :
 BNA_P
 ClientSampled :
 211MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	19.7	15.7	23.5

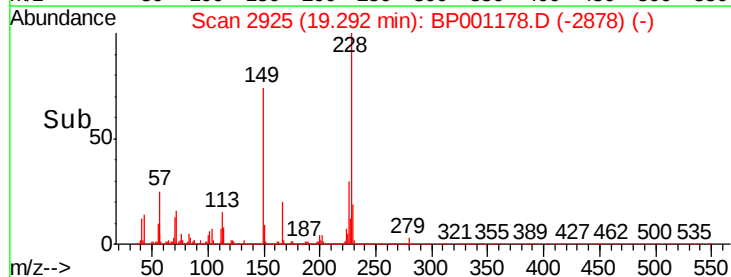
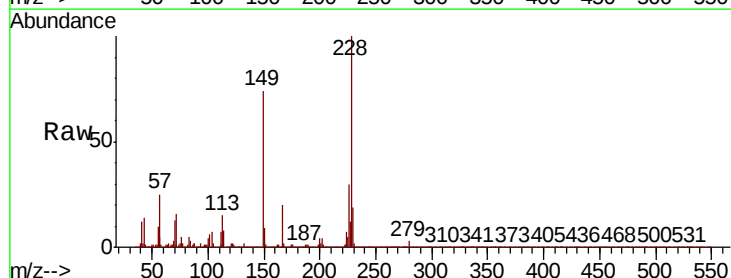
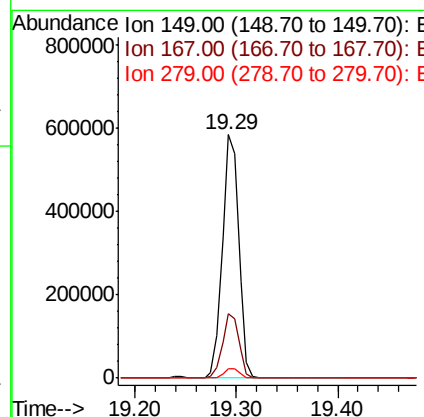
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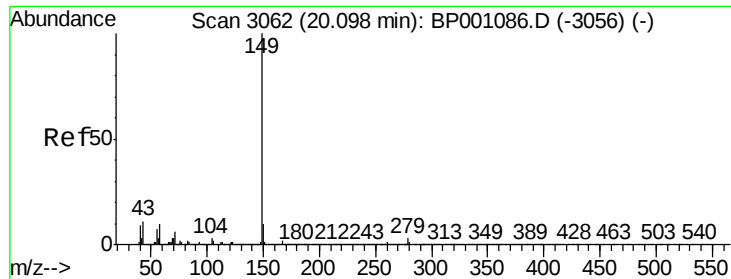
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.646 ng
 RT: 19.29 min Scan# 2925
 Delta R.T. -0.02 min
 Lab File: BP001178.D
 Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.7	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 40.433 ng

RT: 20.07 min Scan# 3058

Delta R.T. -0.02 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Instrument :

BNA_P

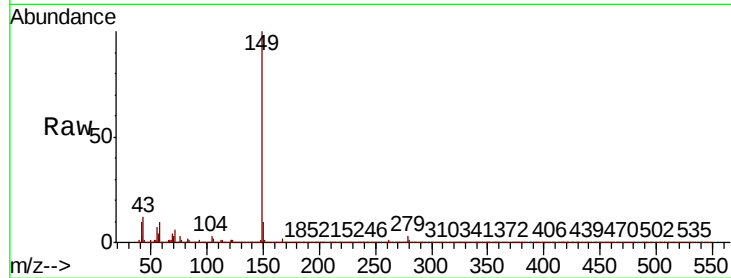
ClientSampled :

211MSD

Tot Ion:	149	Resp:	1157598
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.4	8.5	12.7

Manual Integrations
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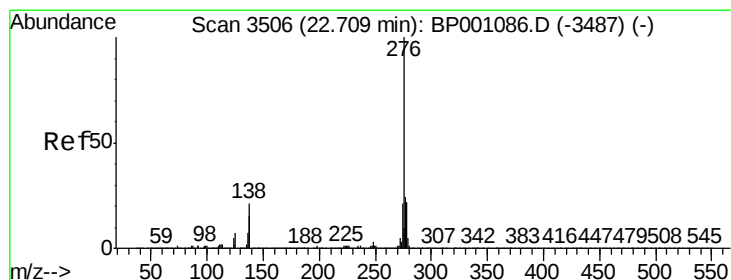
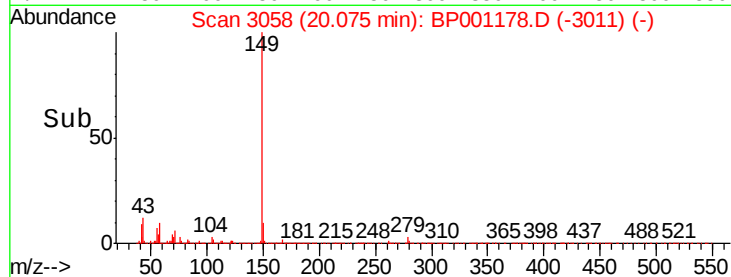
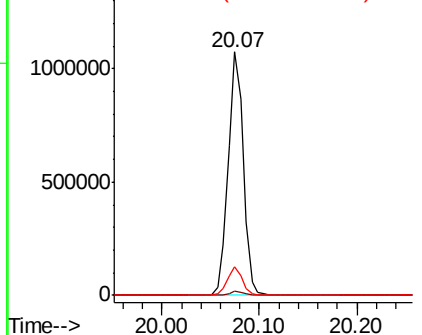


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.626 ng

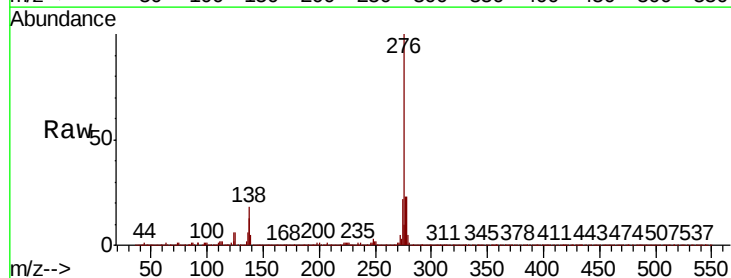
RT: 22.67 min Scan# 3500

Delta R.T. -0.03 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Tgt Ion:	276	Resp:	1028611
Ion Ratio	Lower	Upper	
276	100		
138	22.5	20.6	30.8
277	25.3	20.0	30.0

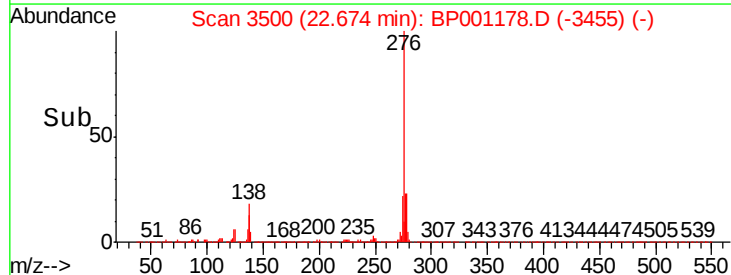
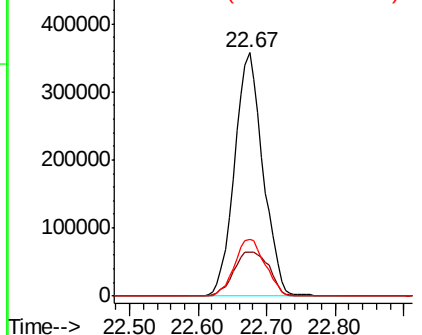


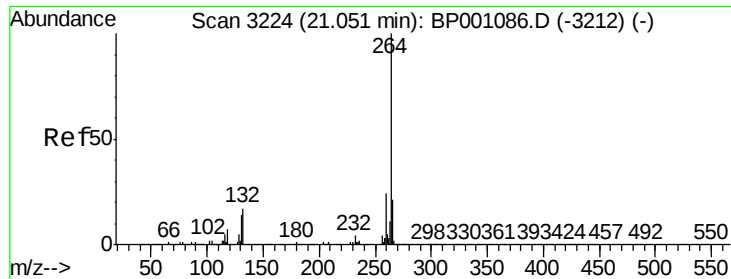
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





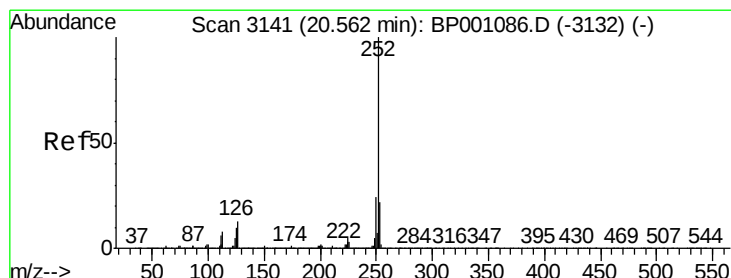
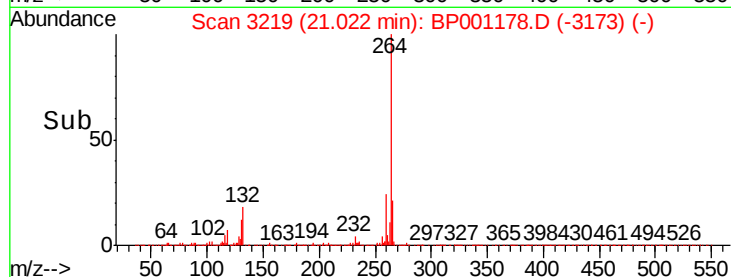
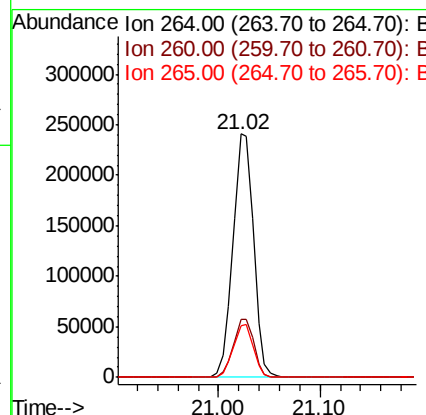
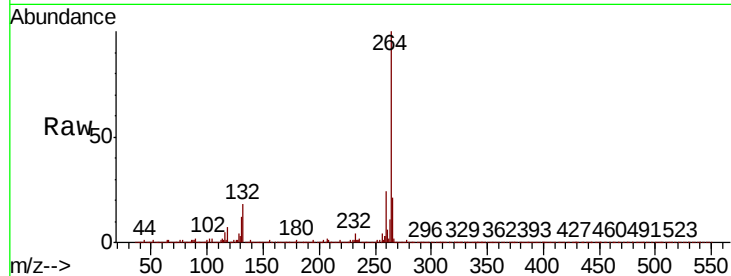
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.03 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.4	16.9	25.3

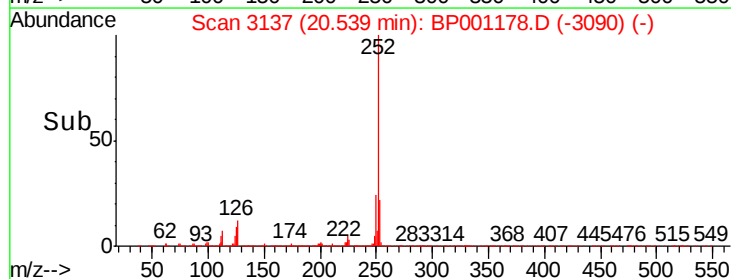
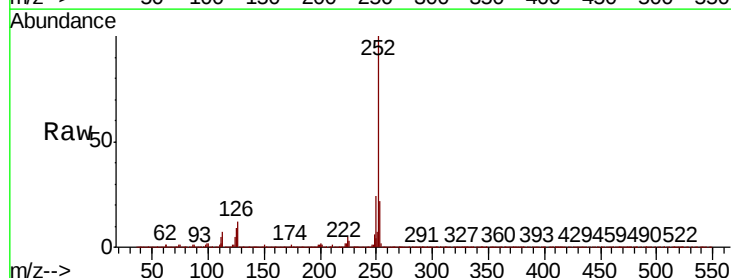
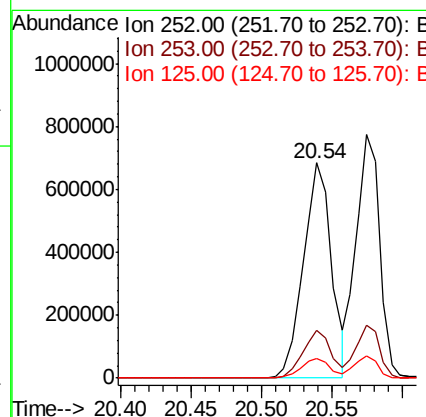
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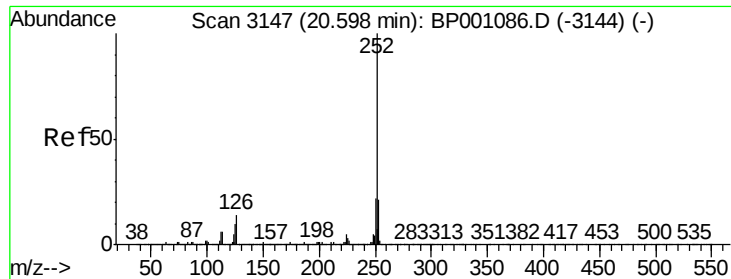
mohammad
12/4/2019 5:01:01 PM



#88
Benzo(b)fluoranthene
Concen: 45.065 ng
RT: 20.54 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.0	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 44.961 ng

RT: 20.57 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Instrument :

BNA_P

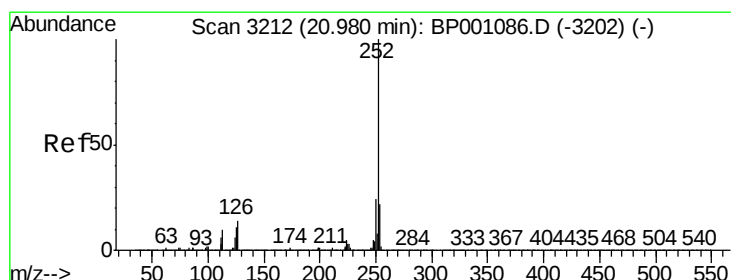
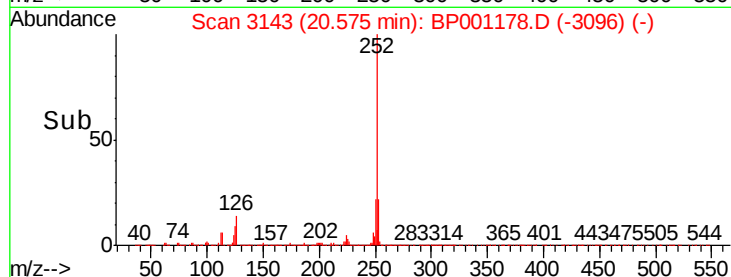
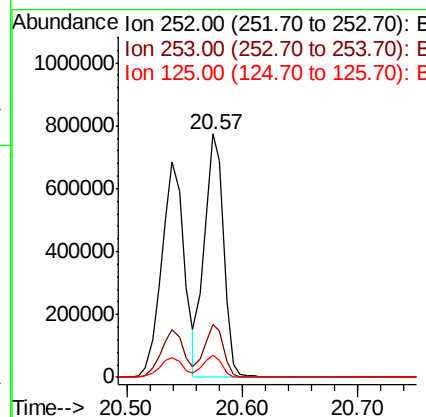
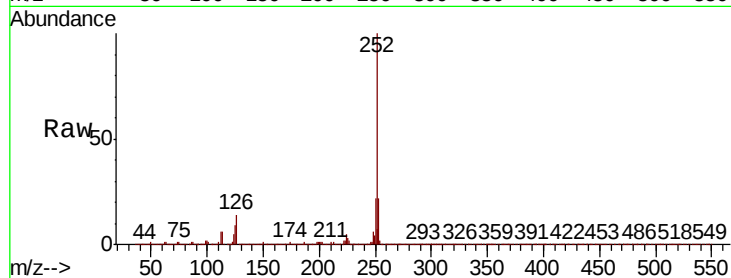
ClientSampled :

211MSD

Tot Ion:	252	Resp:	904547
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.1	25.7
125	9.0	8.2	12.2

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 46.456 ng

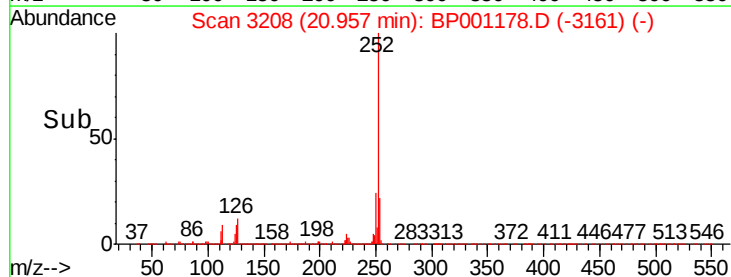
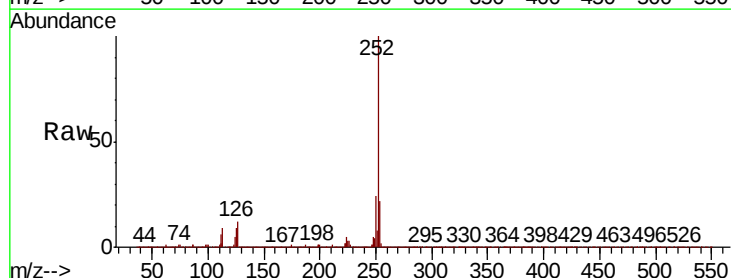
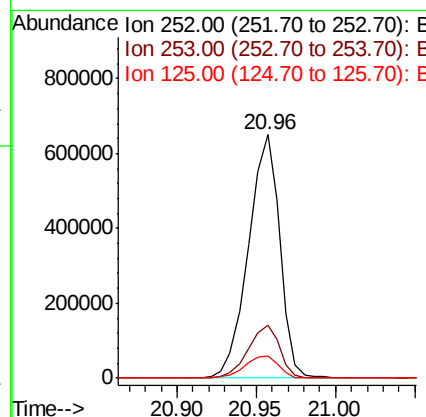
RT: 20.96 min Scan# 3208

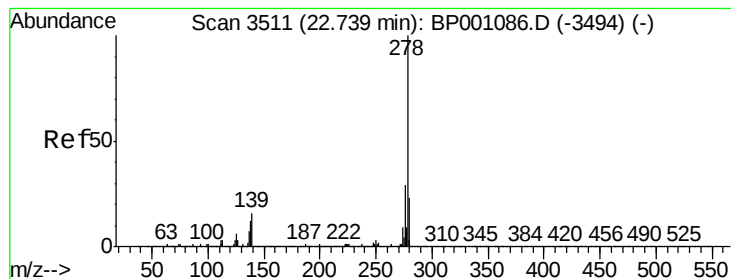
Delta R.T. -0.02 min

Lab File: BP001178.D

Acq: 04 Dec 2019 02:36

Tgt Ion:	252	Resp:	893827
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.4	26.0
125	9.3	8.7	13.1





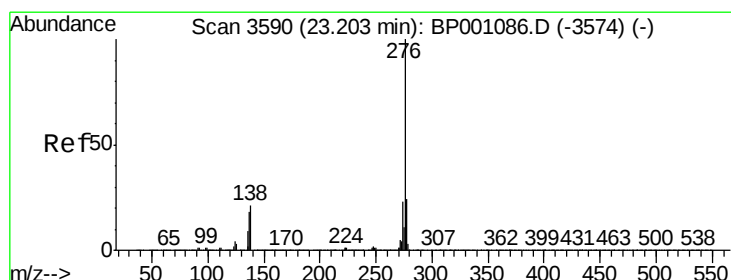
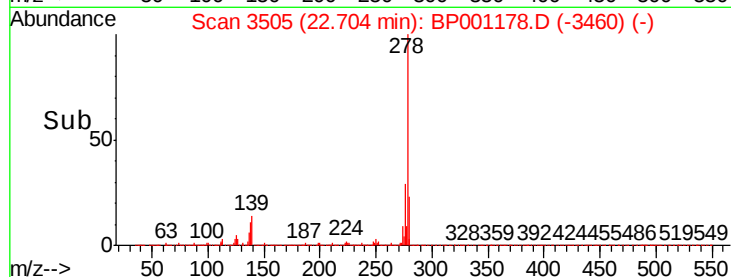
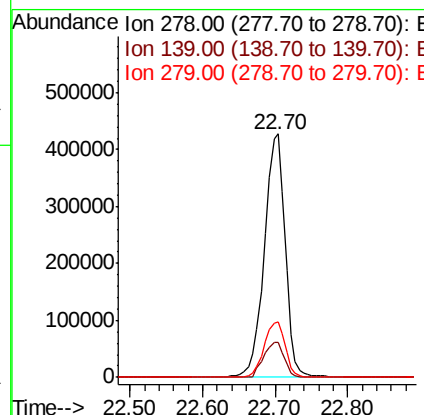
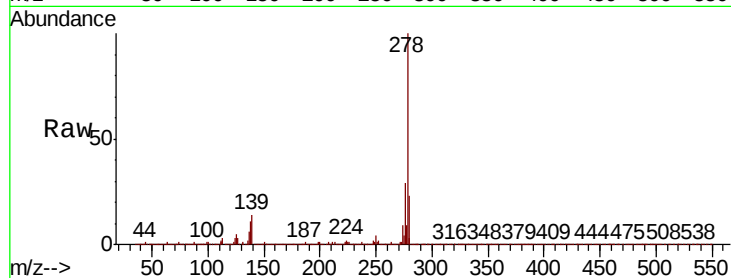
#91
Dibenzo(a,h)anthracene
Concen: 45.473 ng
RT: 22.70 min Scan# 3505
Delta R.T. -0.03 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Instrument :
BNA_P
ClientSampleId :
211MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	13.0	19.4
279	22.8	18.7	28.1

Manual Integrations
APPROVED

mohammad
12/4/2019 5:01:01 PM



#92
Benzo(g,h,i)perylene
Concen: 46.218 ng
RT: 23.17 min Scan# 3584
Delta R.T. -0.03 min
Lab File: BP001178.D
Acq: 04 Dec 2019 02:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	18.8	17.2	25.8

