

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001304.D
 Acq On : 10 Dec 2019 19:55
 Operator : JU
 Sample : K6111-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-01-120619MSD

Manual Integrations
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 12/11/2019 12:31:06 PM

Quant Time: Dec 11 04:55:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	73116	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	265718	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	156018	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	303601	20.00	ng	0.00
76) Chrysene-d12	19.25	240	225271	20.00	ng	0.00
87) Perylene-d12	21.02	264	226853	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.24	112	590124	133.91	ng	0.03
7) Phenol-d6	7.77	99	756141	128.79	ng	0.00
23) Nitrobenzene-d5	9.19	82	636901	103.99	ng	0.00
42) 2,4,6-Tribromophenol	14.51	330	279812	187.11	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	1155379	108.38	ng	0.00
79) Terphenyl-d14	17.89	244	1411500	115.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	70943	34.464	ng	# 82
3) Pyridine	3.53	79	149392	26.154	ng	# 90
4) n-Nitrosodimethylamine	3.42	42	134658	54.479	ng	# 81
6) Aniline	7.79	93	128485	16.505	ng	# 1
8) 2-Chlorophenol	7.97	128	215752	47.318	ng	97
9) Benzaldehyde	7.60	77	65036	14.620	ng	99
10) Phenol	7.79	94	262241	39.267	ng	94
11) bis(2-Chloroethyl)ether	7.92	93	226419	43.538	ng	98
12) 1,3-Dichlorobenzene	8.22	146	221418	40.970	ng	96
13) 1,4-Dichlorobenzene	8.33	146	231071	42.443	ng	98
14) 1,2-Dichlorobenzene	8.57	146	223015	43.526	ng	98
15) Benzyl Alcohol	8.55	79	268818	55.777	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.77	45	354043	42.345	ng	99
17) 2-Methylphenol	8.73	107	192485	46.021	ng	96
18) Hexachloroethane	9.11	117	94978	42.172	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	208380	49.186	ng	98
20) 3+4-Methylphenols	8.98	107	253217	48.027	ng	99
22) Acetophenone	8.96	105	385502	49.361	ng	# 97
24) Nitrobenzene	9.22	77	311344	51.123	ng	98
25) Isophorone	9.62	82	554333	50.474	ng	99
26) 2-Nitrophenol	9.73	139	116591	52.266	ng	97
27) 2,4-Dimethylphenol	9.83	122	204303	57.819	ng	97
28) bis(2-Chloroethoxy)methane	9.98	93	310807	45.106	ng	99
29) 2,4-Dichlorophenol	10.12	162	208659	51.884	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	225975	48.109	ng	99
31) Naphthalene	10.37	128	674459	49.699	ng	99
32) Benzoic acid	10.03	122	115403	45.176	ng	97
33) 4-Chloroaniline	10.47	127	69121	11.737	ng	99
34) Hexachlorobutadiene	10.60	225	151159	51.156	ng	96
35) Caprolactam	11.05	113	49463m	35.687	ng	
36) 4-Chloro-3-methylphenol	11.29	107	252200	52.893	ng	96
37) 2-Methylnaphthalene	11.51	142	481241	51.969	ng	98
38) 1-Methylnaphthalene	11.67	142	441958	50.524	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	256302	52.128	ng	97

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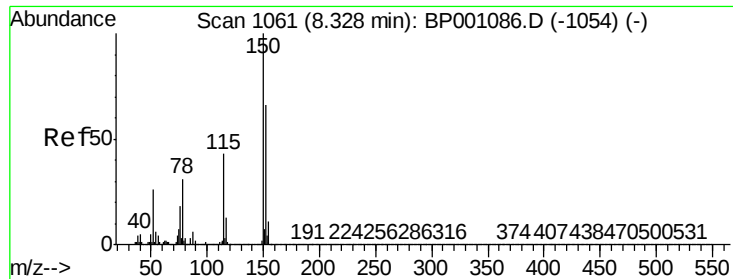
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	309385	136.397	nq	100
43) 2,4,6-Trichlorophenol	11.97	196	166941	52.001	nq	98
44) 2,4,5-Trichlorophenol	12.04	196	180745	54.338	nq	98
46) 1,1'-Biphenyl	12.28	154	614793	50.988	nq	97
47) 2-Chloronaphthalene	12.30	162	478082	49.638	nq	99
48) 2-Nitroaniline	12.47	65	189051	50.083	nq	97
49) Acenaphthylene	12.97	152	749866	51.941	nq	99
50) Dimethylphthalate	12.81	163	596962	51.159	nq	98
51) 2,6-Dinitrotoluene	12.89	165	128016	51.250	nq	94
52) Acenaphthene	13.26	154	437980	50.434	nq	99
53) 3-Nitroaniline	13.14	138	59273	21.124	nq	97
54) 2,4-Dinitrophenol	13.33	184	94006	91.059	nq	89
55) Dibenzofuran	13.55	168	691426	52.984	nq	100
56) 4-Nitrophenol	13.45	139	166662	83.822	nq	88
57) 2,4-Dinitrotoluene	13.55	165	170362	54.412	nq	93
58) Fluorene	14.11	166	560328	53.585	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	150269	54.957	nq	99
60) Diethylphthalate	13.97	149	619395	51.265	nq	100
61) 4-Chlorophenyl-phenylether	14.13	204	287521	53.996	nq	99
62) 4-Nitroaniline	12.47	138	147795	45.431	nq	97
63) Azobenzene	14.39	77	667604	51.119	nq	95
65) 4,6-Dinitro-2-methylphenol	14.21	198	70177	53.125	nq	93
66) n-Nitrosodiphenylamine	14.33	169	472461	51.217	nq	99
67) 4-Bromophenyl-phenylether	14.93	248	170102	51.607	nq	95
68) Hexachlorobenzene	15.01	284	185624	51.225	nq	93
69) Atrazine	15.22	200	154431	54.829	nq	98
70) Pentachlorophenol	15.32	266	222118	117.607	nq	99
71) Phenanthrene	15.65	178	815126	51.069	nq	99
72) Anthracene	15.72	178	826137	52.513	nq	99
73) Carbazole	15.97	167	729523	50.960	nq	100
74) Di-n-butylphthalate	16.52	149	984169	51.132	nq	99
75) Fluoranthene	17.35	202	891883	52.782	nq	99
77) Benzidine	17.53	184	55477	9.538	nq	96
78) Pyrene	17.66	202	887736	50.033	nq	99
80) Butylbenzylphthalate	18.54	149	410753	50.122	nq	100
81) Benzo(a)anthracene	19.23	228	775232	49.634	nq	99
82) 3,3'-Dichlorobenzidine	19.20	252	163250	31.638	nq	99
83) Chrysene	19.29	228	735706	52.602	nq	98
84) Bis(2-ethylhexyl)phthalate	19.29	149	599259	53.186	nq	99
85) Di-n-octyl phthalate	20.07	149	996538	49.789	nq	100
86) Indeno(1,2,3-cd)pyrene	22.66	276	762488	46.259	nq	98
88) Benzo(b)fluoranthene	20.53	252	720750	52.017	nq	99
89) Benzo(k)fluoranthene	20.57	252	701185	52.541	nq	99
90) Benzo(a)pyrene	20.95	252	670510	52.536	nq	98
91) Dibenzo(a,h)anthracene	22.69	278	642452	51.438	nq	98
92) Benzo(g,h,i)perylene	23.15	276	613439	49.739	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Instrument :

BNA_P

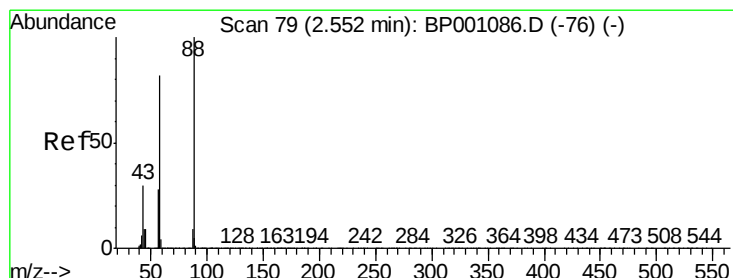
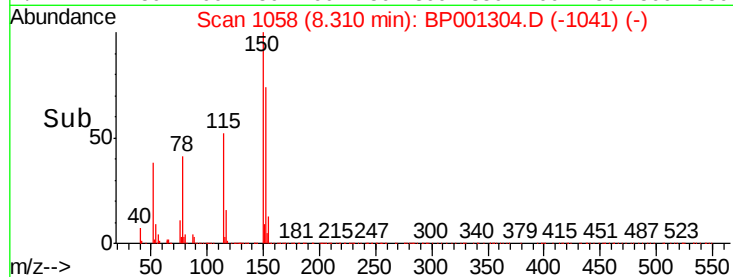
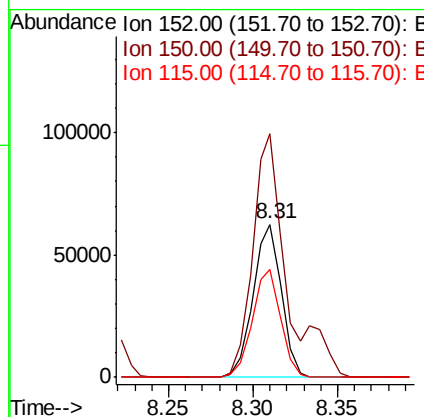
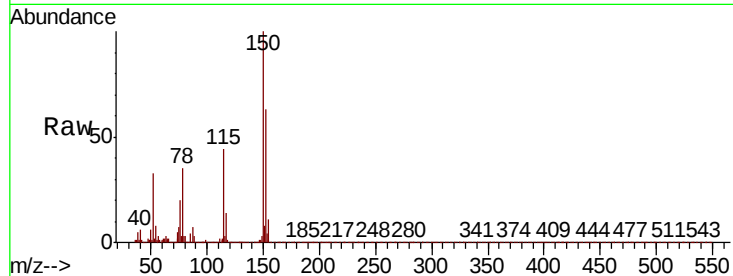
ClientSampleId :

CL-01-120619MSD

Tot Ion:	152	Resp:	73116
Ion	Ratio	Lower	Upper
152	100		
150	159.1	127.3	190.9
115	70.5	56.0	84.0

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#2

1,4-Dioxane

Concen: 34.464 ng

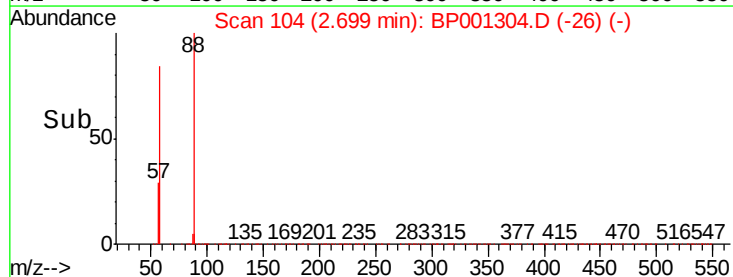
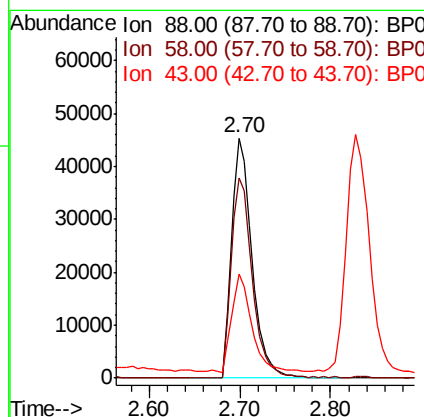
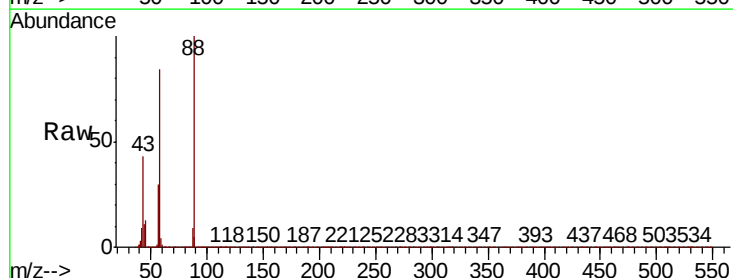
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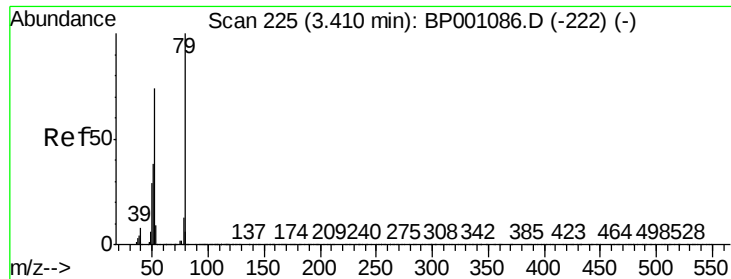
Delta R.T. 0.16 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Tgt Ion:	88	Resp:	70943
Ion	Ratio	Lower	Upper
88	100		
58	85.2	67.8	101.6
43	0.0	28.0	42.0#





#3

Pvridine

Concen: 26.154 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.14 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Instrument :

BNA_P

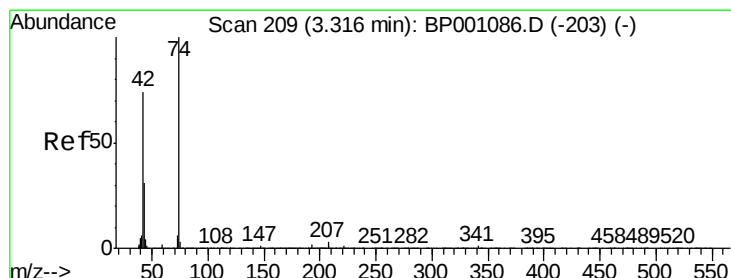
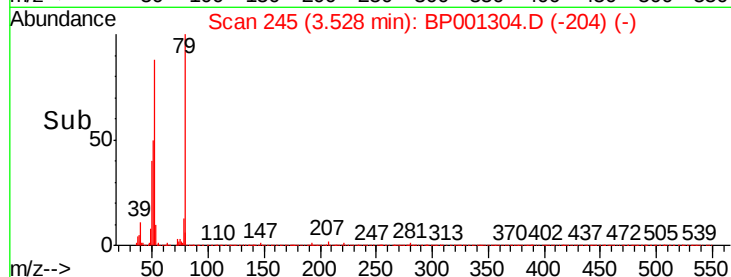
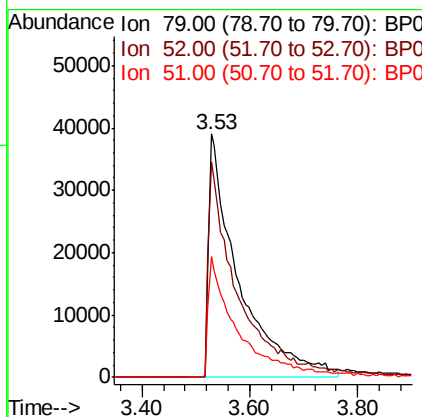
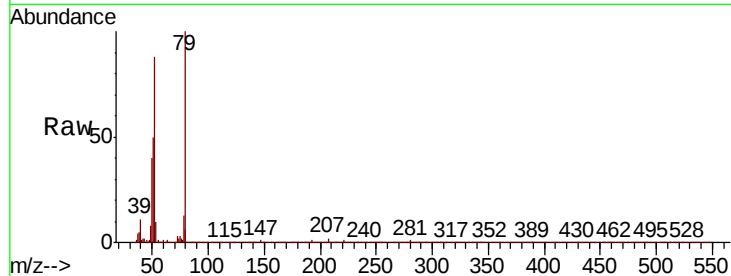
ClientSampleId :

CL-01-120619MSD

Tot Ion:	79	Resp:	149392
Ion Ratio	Lower	Upper	
79	100		
52	88.4	65.1	97.7
51	49.8	32.7	49.1#

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#4

n-Nitrosodimethylamine

Concen: 54.479 ng

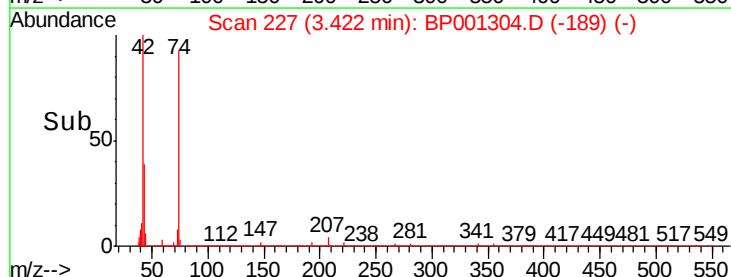
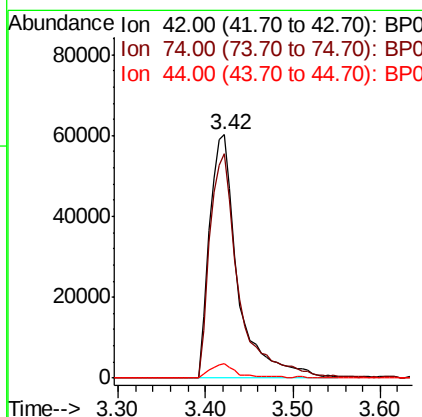
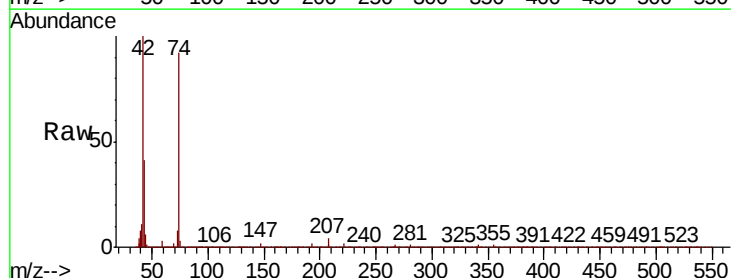
RT: 3.42 min Scan# 227

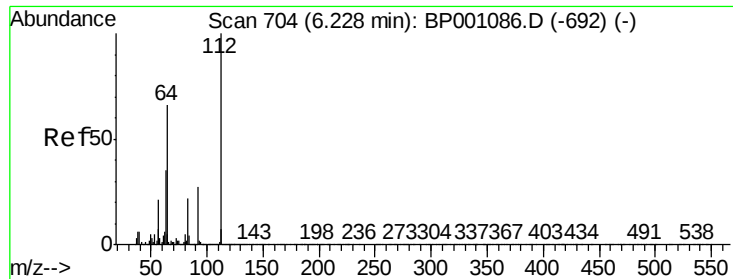
Delta R.T. 0.12 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Tgt Ion:	42	Resp:	134658
Ion Ratio	Lower	Upper	
42	100		
74	92.4	91.4	137.0
44	5.7	4.9	7.3





#5

2-Fluorophenol

Concen: 133.906 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.03 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Instrument :

BNA_P

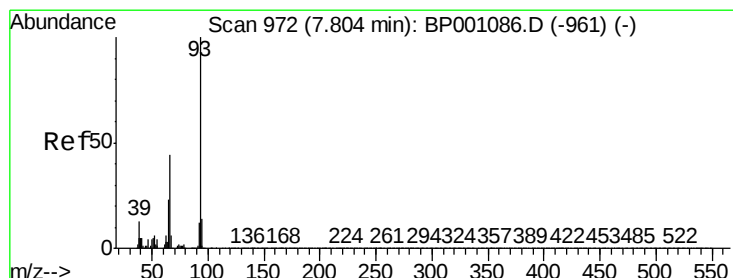
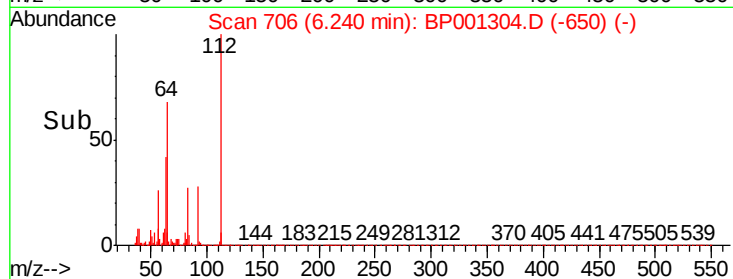
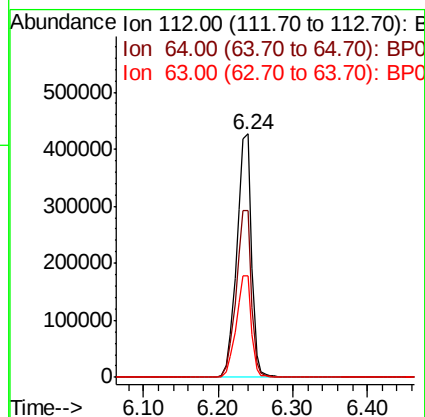
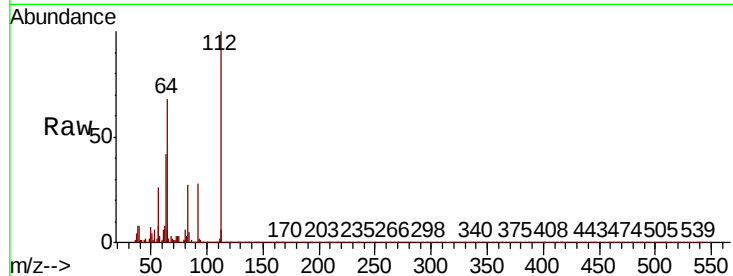
ClientSampleId :

CL-01-120619MSD

Tot Ion:	112	Resp:	590124
Ion Ratio	Lower	Upper	
112	100		
64	68.3	56.8	85.2
63	41.9	32.2	48.2

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#6

Aniline

Concen: 16.505 ng

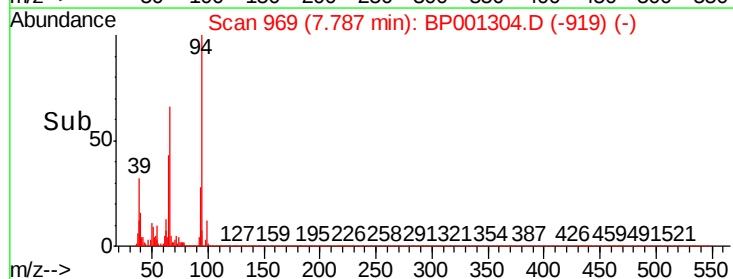
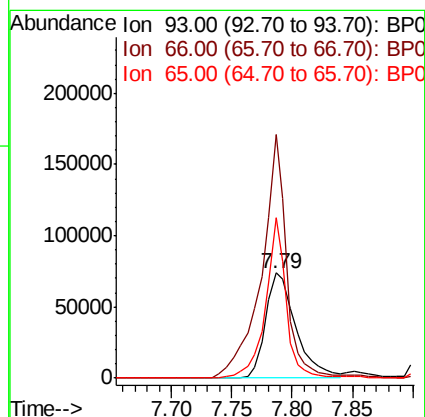
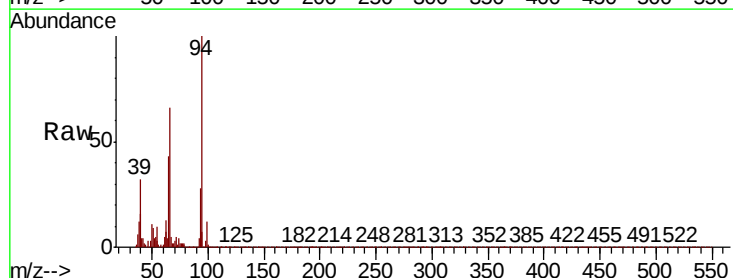
RT: 7.79 min Scan# 969

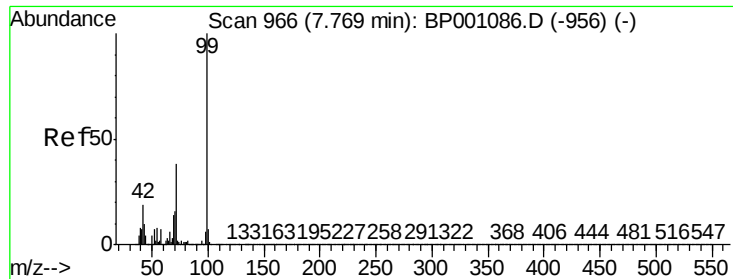
Delta R.T. -0.01 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Tgt Ion:	93	Resp:	128485
Ion Ratio	Lower	Upper	
93	100		
66	231.7	36.8	55.2#
65	152.3	19.8	29.8#





#7

Phenol-d6

Concen: 128.787 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Instrument :

BNA_P

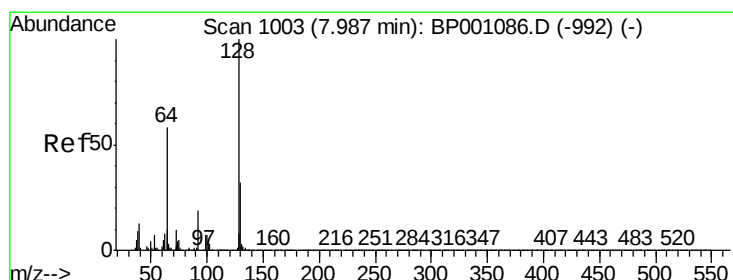
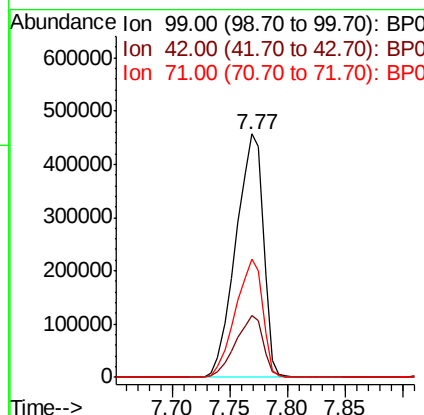
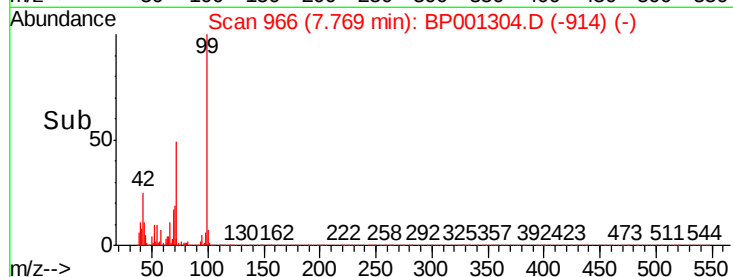
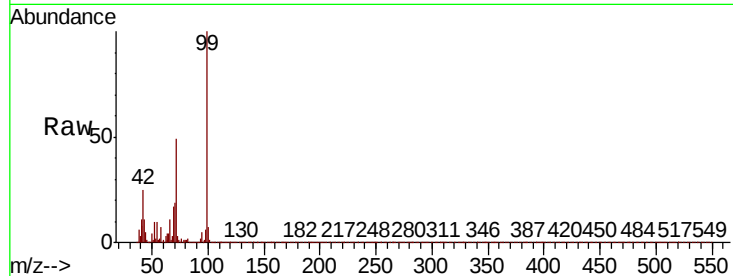
ClientSampleId :

CL-01-120619MSD

Tot Ion:	99	Resp:	756141
Ion Ratio	Lower	Upper	
99	100		
42	25.2	17.6	26.4
71	48.8	33.8	50.8

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#8

2-Chlorophenol

Concen: 47.318 ng

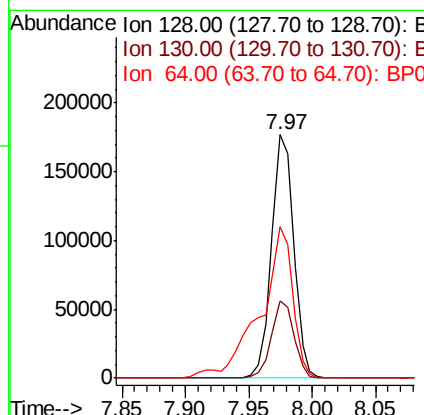
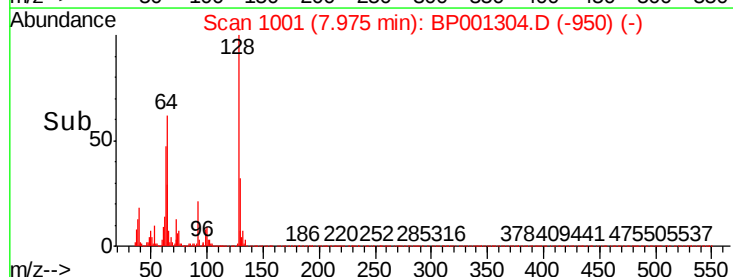
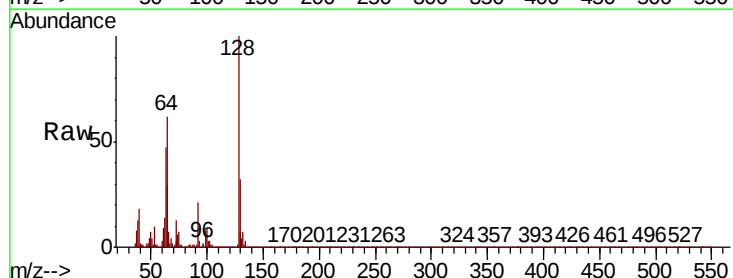
RT: 7.97 min Scan# 1001

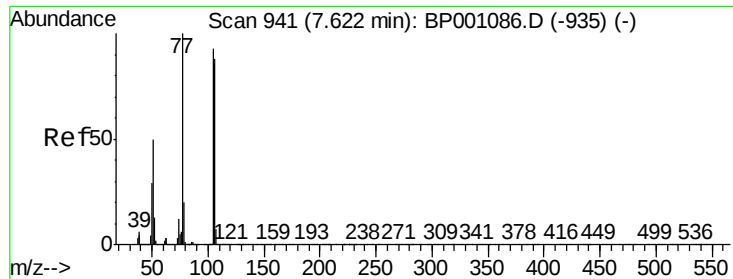
Delta R.T. -0.00 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Tgt Ion:	128	Resp:	215752
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.4	52.4
64	62.2	38.9	78.9





#9

Benzaldehyde

Concen: 14.620 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Instrument :

BNA_P

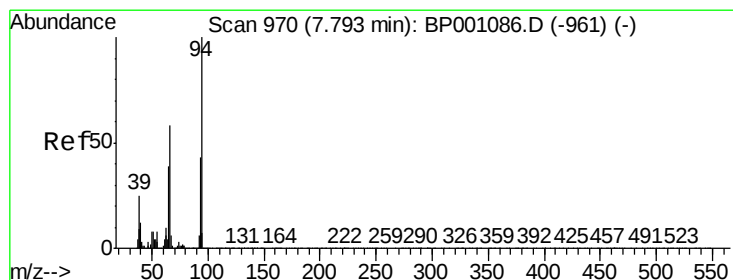
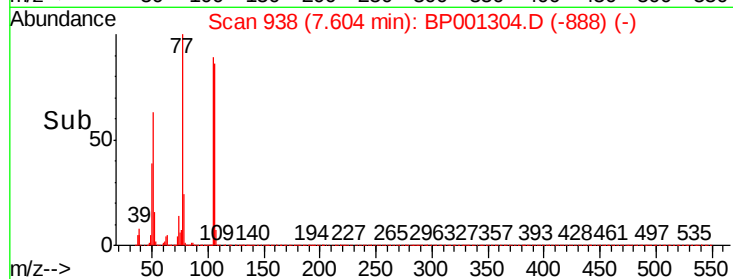
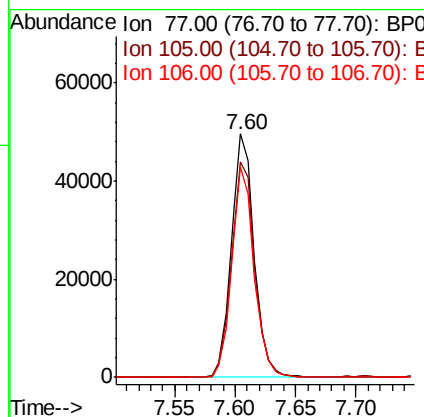
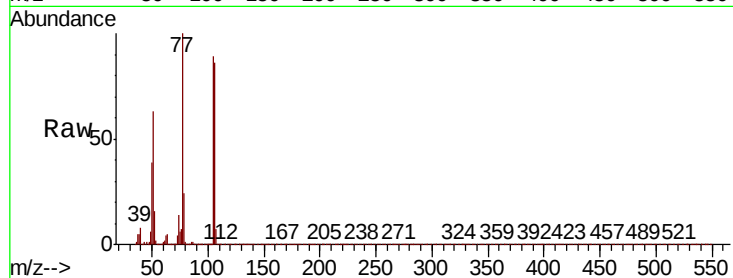
ClientSampleId :

CL-01-120619MSD

Tot Ion:	77	Resp:	65036
Ion Ratio	Lower	Upper	
77	100		
105	88.5	69.7	109.7
106	86.2	67.1	107.1

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#10

Phenol

Concen: 39.267 ng

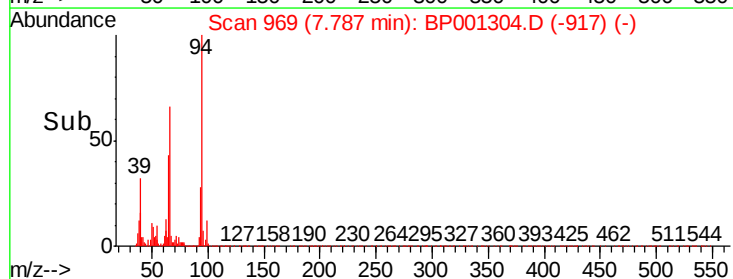
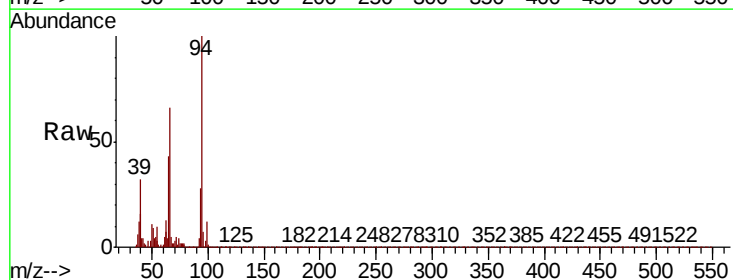
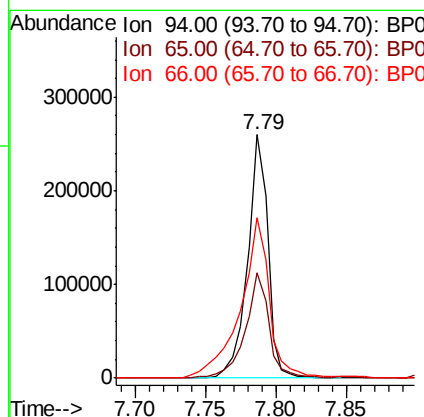
RT: 7.79 min Scan# 969

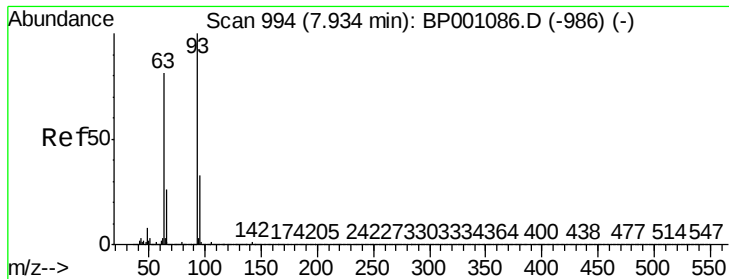
Delta R.T. 0.01 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Tgt Ion:	94	Resp:	262241
Ion Ratio	Lower	Upper	
94	100		
65	43.2	25.6	65.6
66	65.8	52.6	92.6





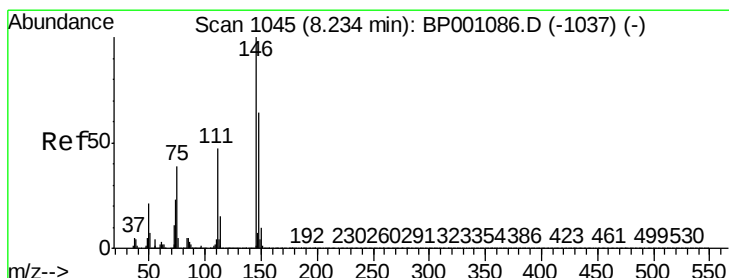
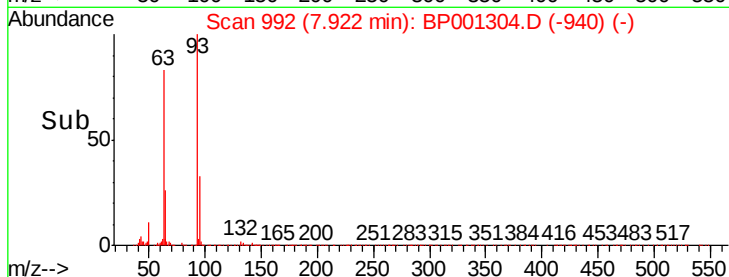
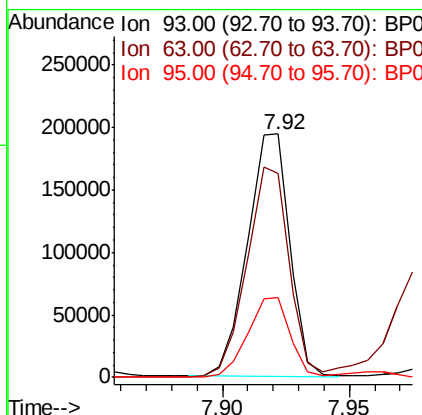
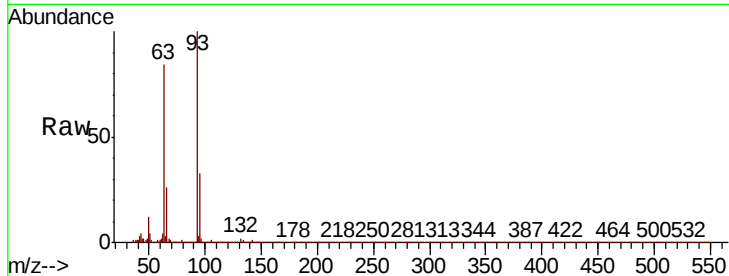
#11
bis(2-Chloroethyl)ether
Concen: 43.538 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.6	65.8	105.8
95	33.0	11.7	51.7

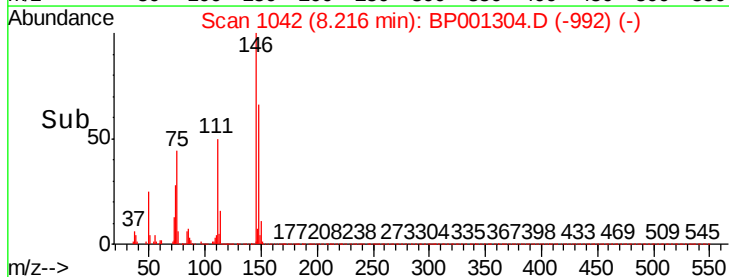
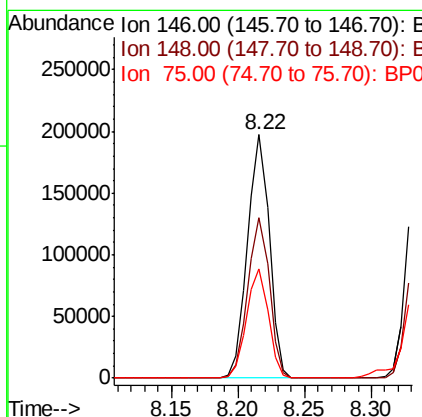
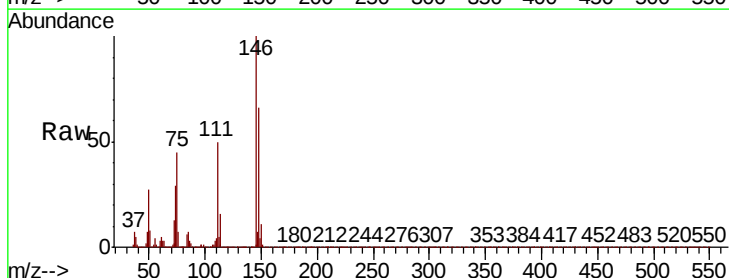
Manual Integrations
APPROVED

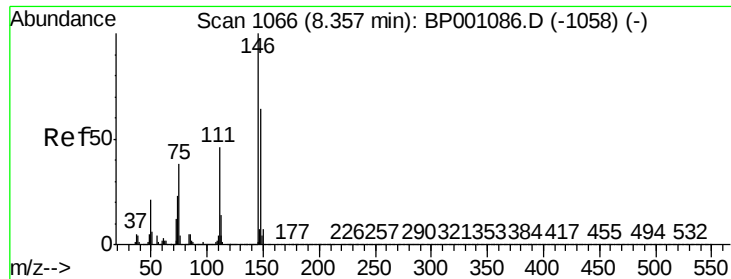
mohammad
12/11/2019 12:31:06 PM



#12
1,3-Dichlorobenzene
Concen: 40.970 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.0
75	44.7	32.2	48.2





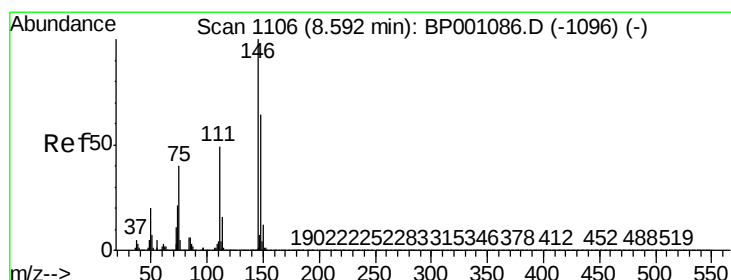
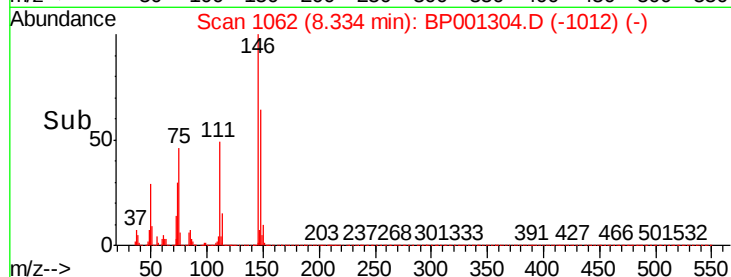
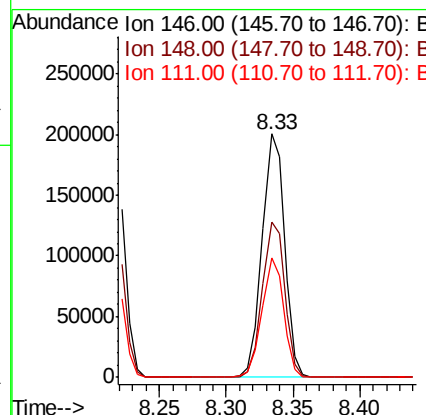
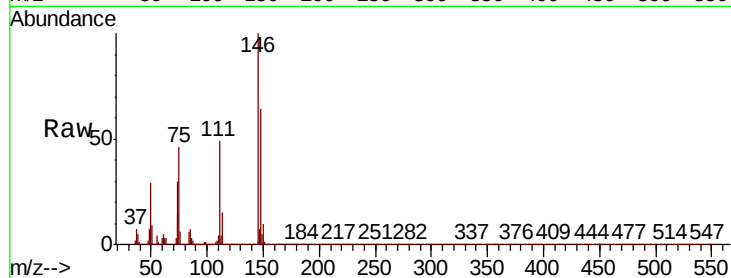
#13
1,4-Dichlorobenzene
Concen: 42.443 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	48.9	37.3	55.9

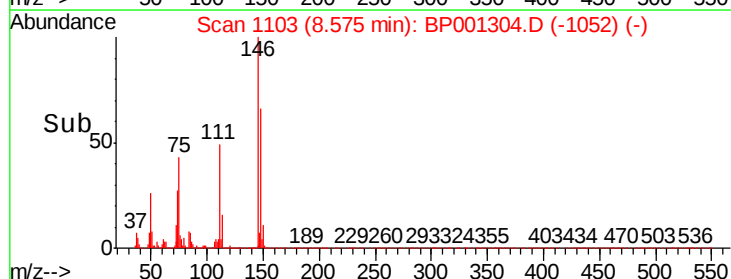
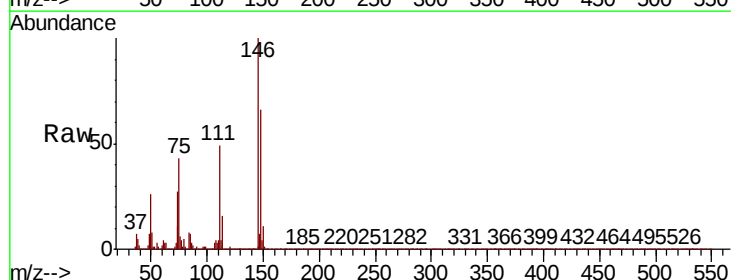
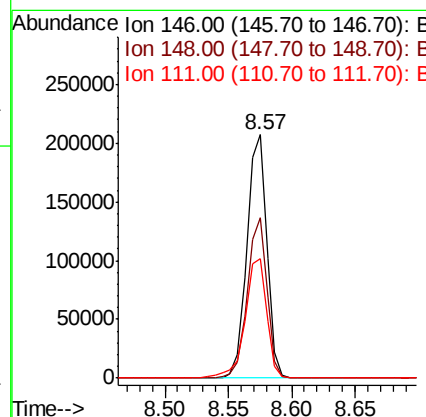
Manual Integrations
APPROVED

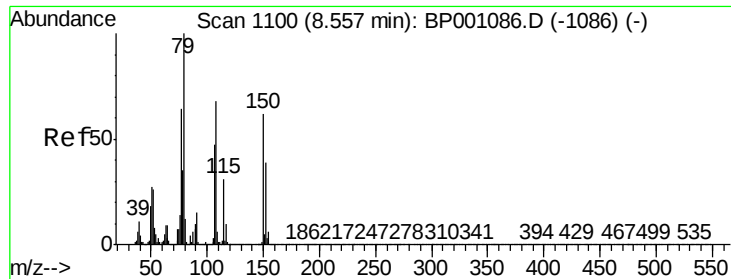
mohammad
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#14
1,2-Dichlorobenzene
Concen: 43.526 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.5	77.3
111	48.8	40.7	61.1





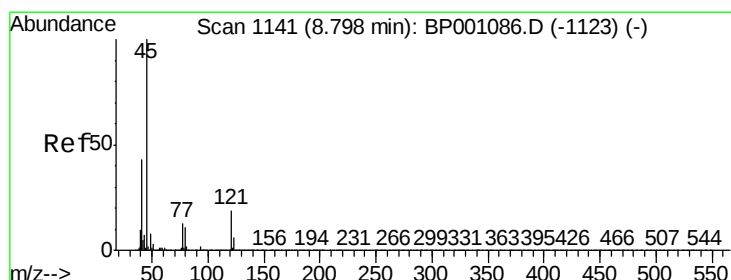
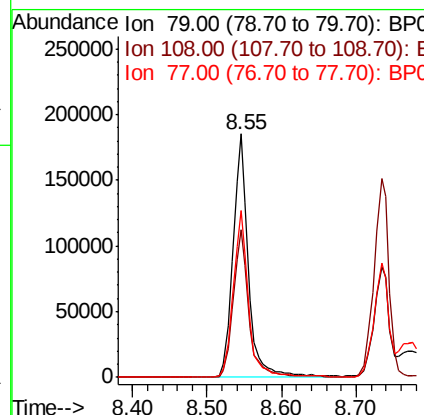
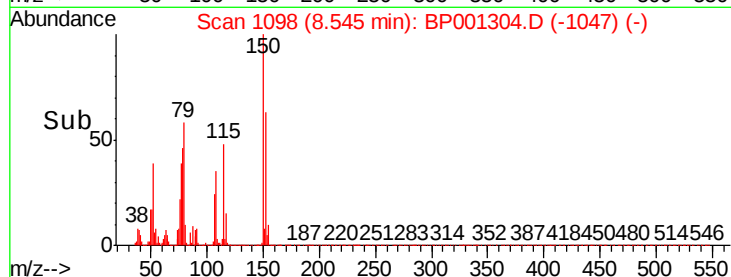
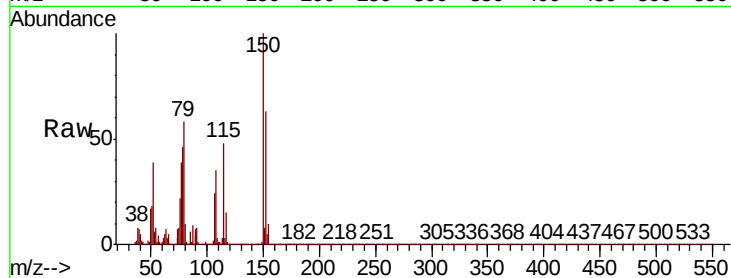
#15
Benzyl Alcohol
Concen: 55.777 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	60.7	51.6	77.4
77	68.4	53.5	80.3

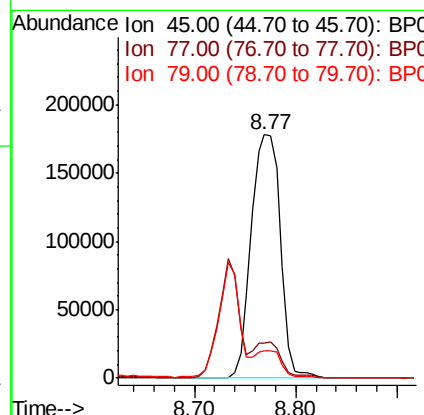
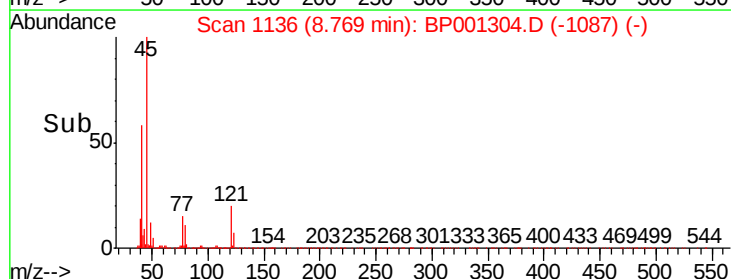
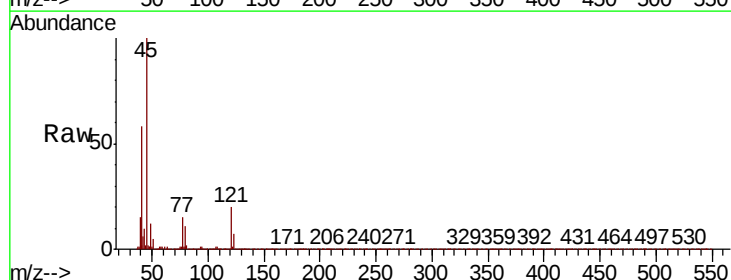
Manual Integrations
APPROVED

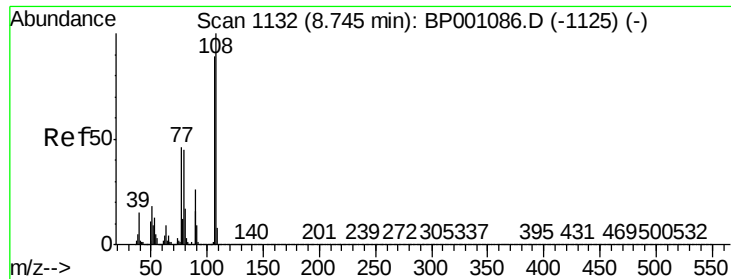
mohammad
12/11/2019 12:31:06 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.345 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	33.9
79	11.4	0.0	30.9





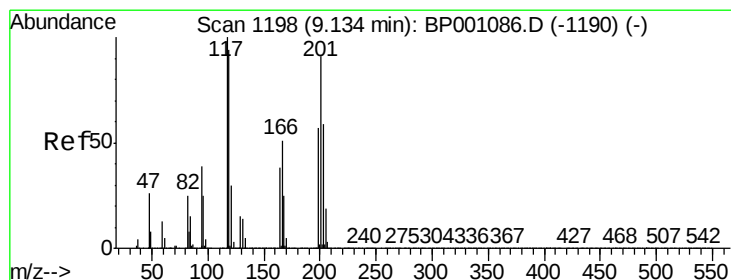
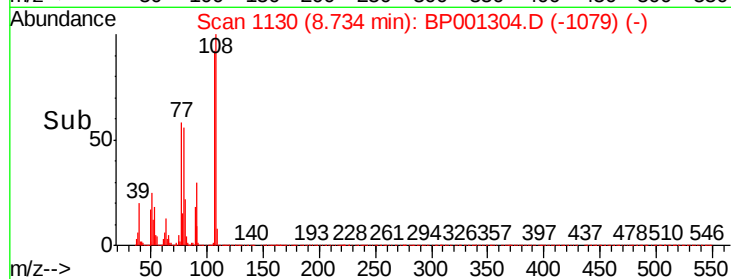
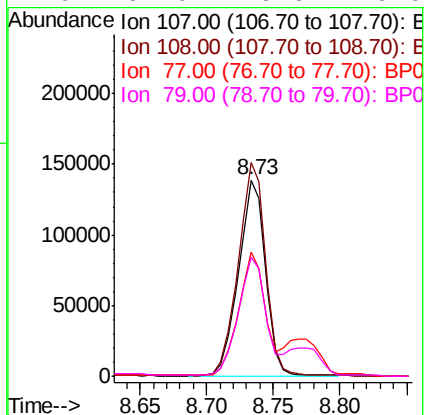
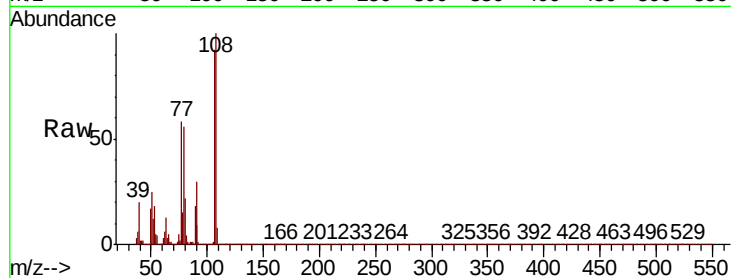
#17
2-Methylphenol
Concen: 46.021 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	192485		
108	109.1	88.8	133.2	
77	63.1	46.3	69.5	
79	61.0	46.6	70.0	

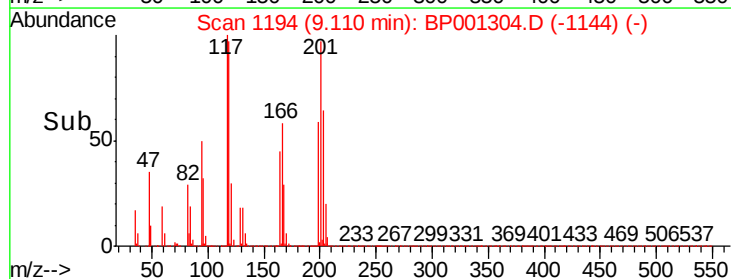
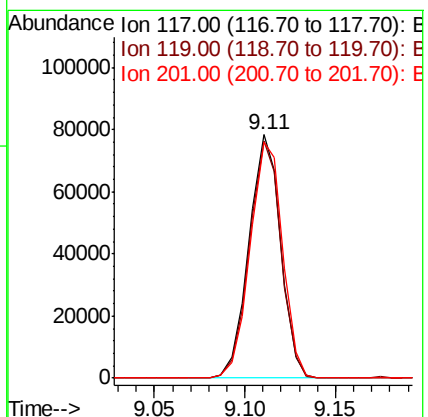
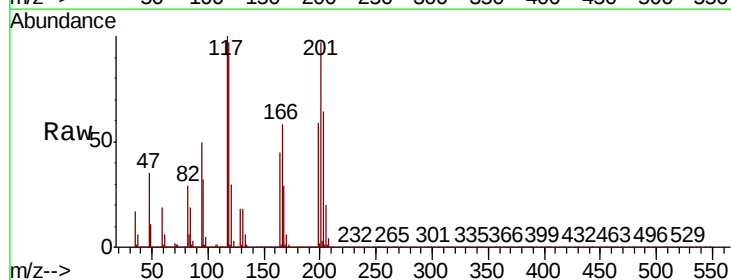
Manual Integrations
APPROVED

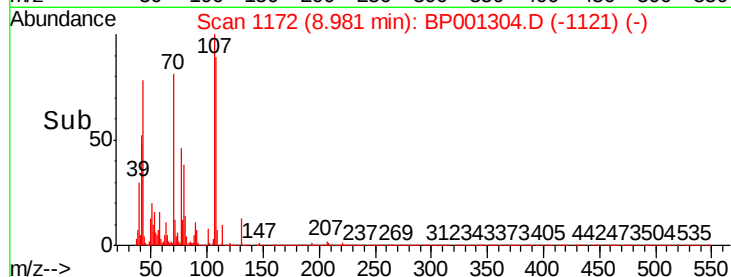
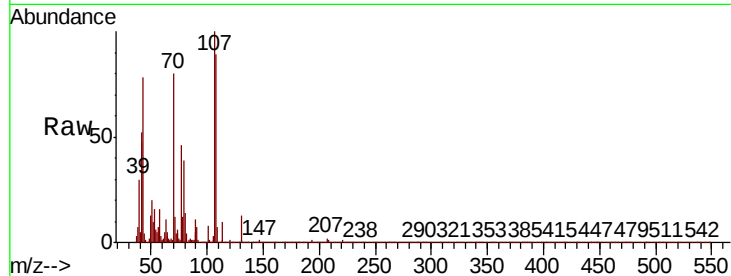
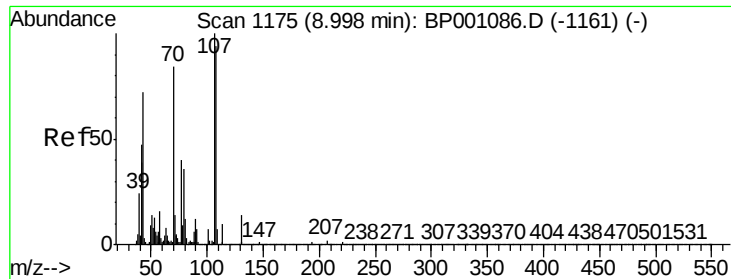
mohammad
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#18
Hexachloroethane
Concen: 42.172 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	94978		
119	97.4	78.7	118.1	
201	97.0	75.5	113.3	





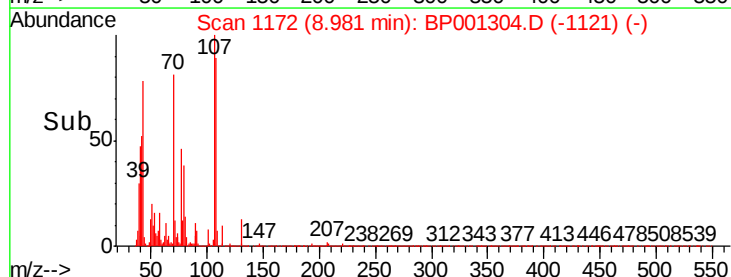
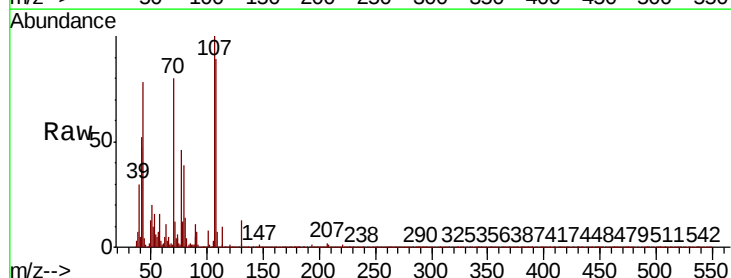
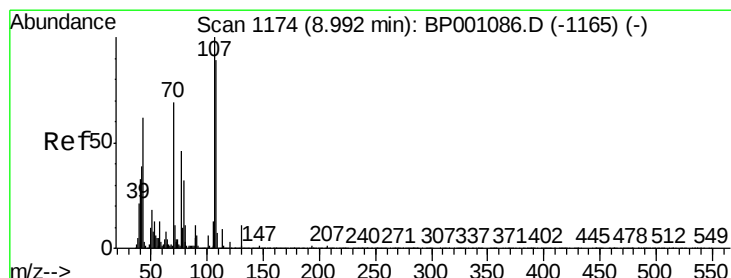
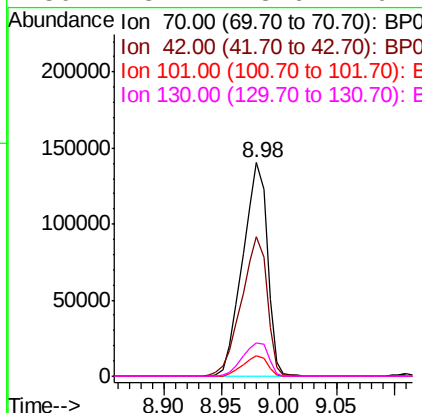
#19
n-Nitroso-di-n-propylamine
Concen: 49.186 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	65.1	50.6	76.0		
101	9.5	7.1	10.7		
130	15.7	13.6	20.4		

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

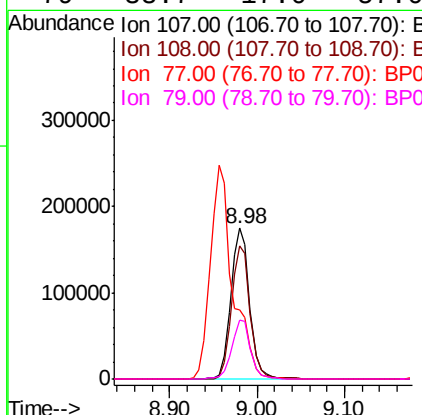
Manual Integrations
APPROVED

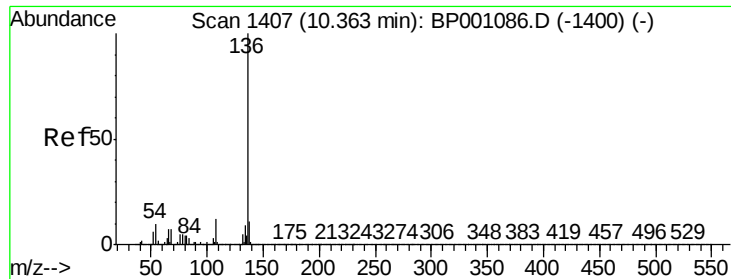
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#20
3+4-Methylphenols
Concen: 48.027 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.9	68.3	108.3		
77	46.1	25.2	65.2		
79	38.7	17.0	57.0		





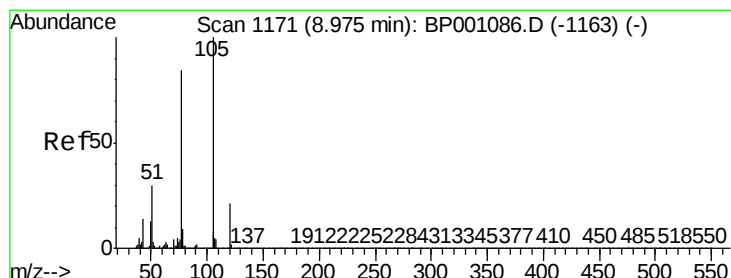
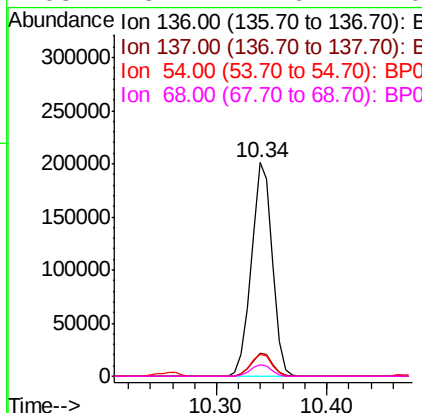
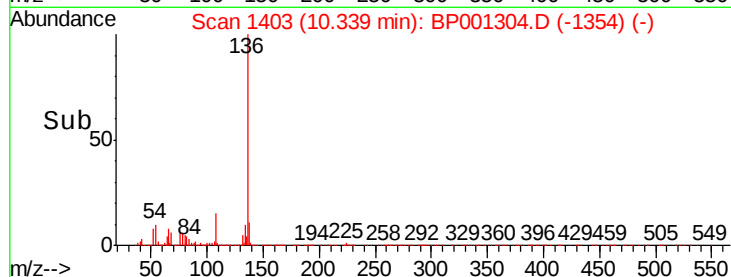
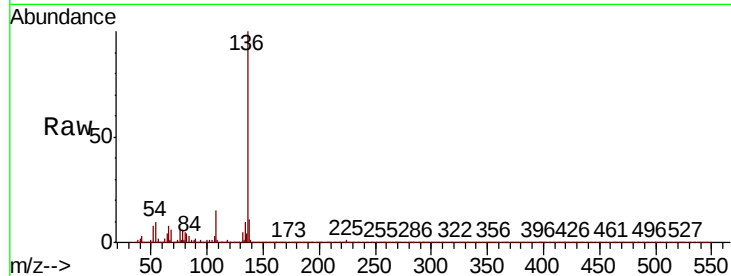
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	265718		
137	11.1	8.4	12.6	
54	10.3	7.4	11.0	
68	5.7	4.6	7.0	

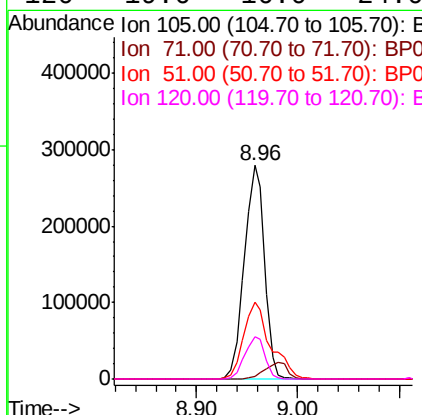
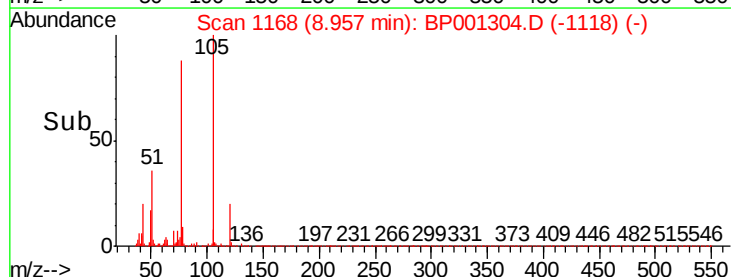
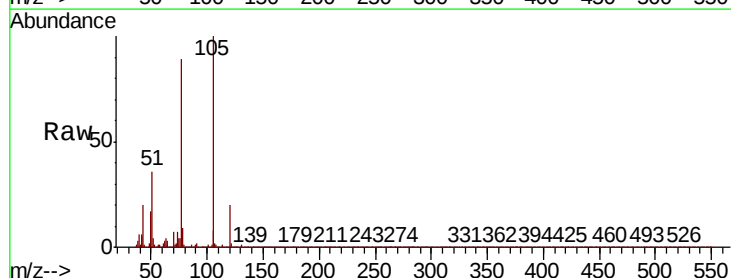
Manual Integrations
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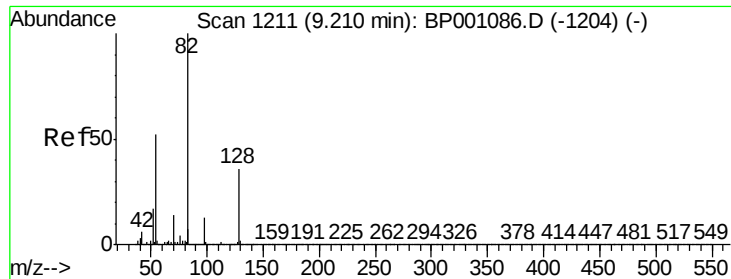
mohammad
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#22
Acetophenone
Concen: 49.361 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	385502		
71	1.2	0.7	1.1#	
51	36.0	26.9	40.3	
120	19.6	16.0	24.0	





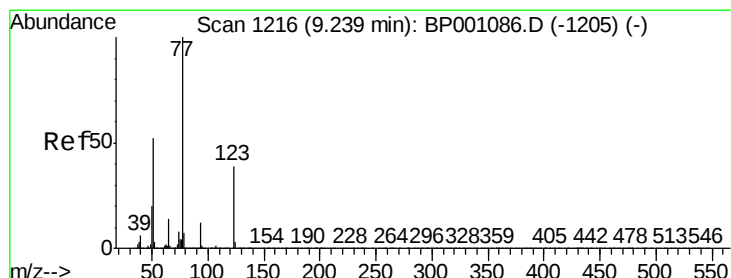
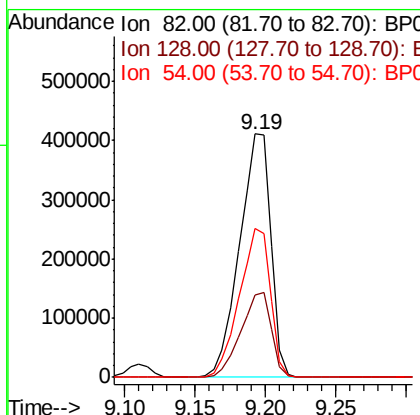
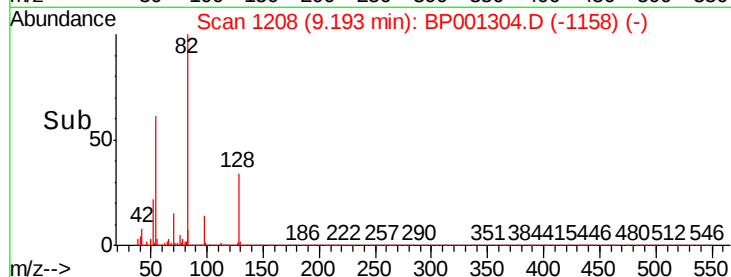
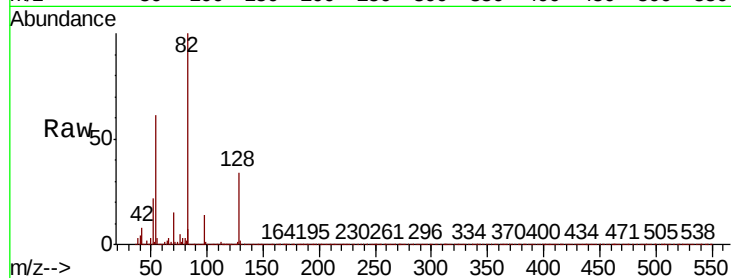
#23
Nitrobenzene-d5
Concen: 103.992 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.7	27.5	41.3
54	61.0	45.7	68.5

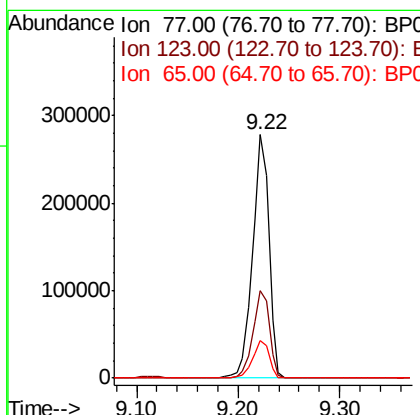
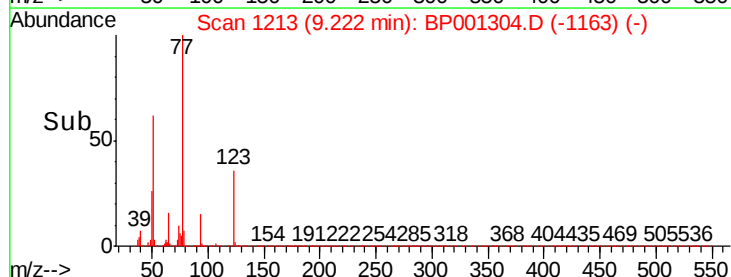
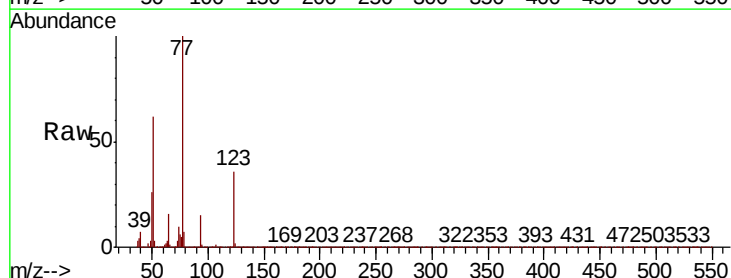
Manual Integrations
APPROVED

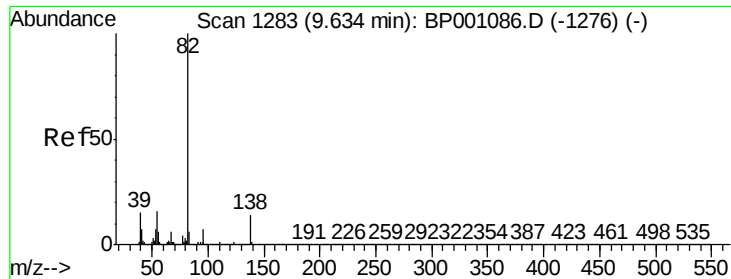
mohammad
12/11/2019 12:31:06 PM



#24
Nitrobenzene
Concen: 51.123 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.1	30.2	45.4
65	15.5	11.9	17.9





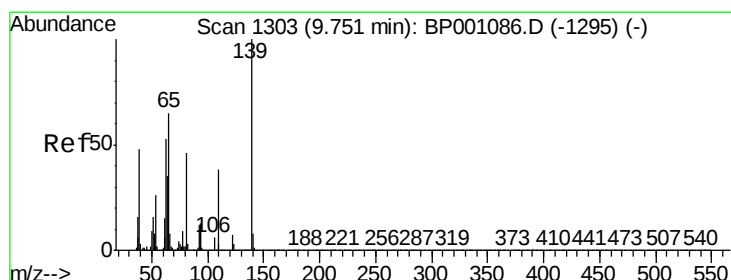
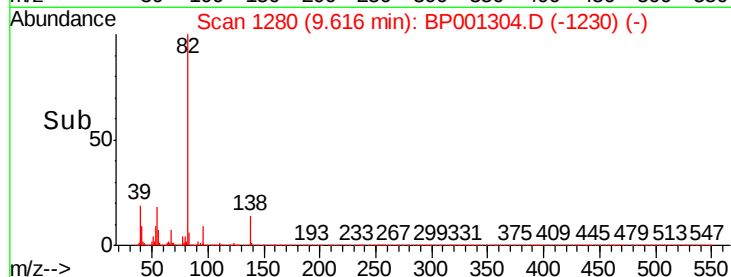
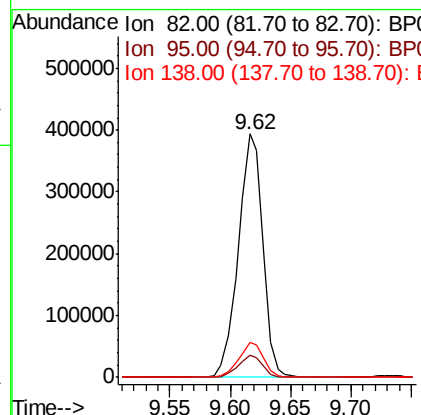
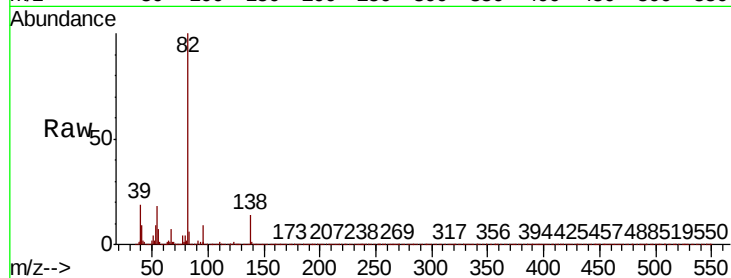
#25
Isophorone
Concen: 50.474 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	554333		
95	8.9	6.3	9.5	
138	14.4	11.4	17.0	

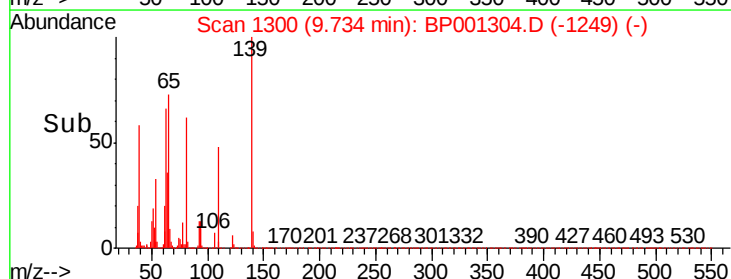
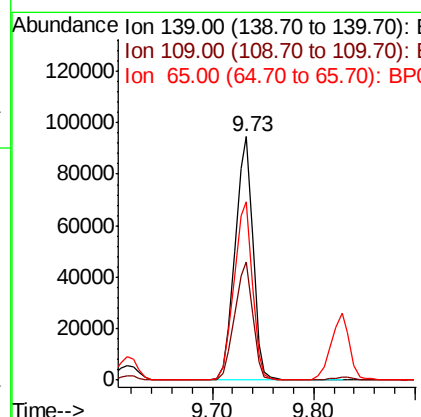
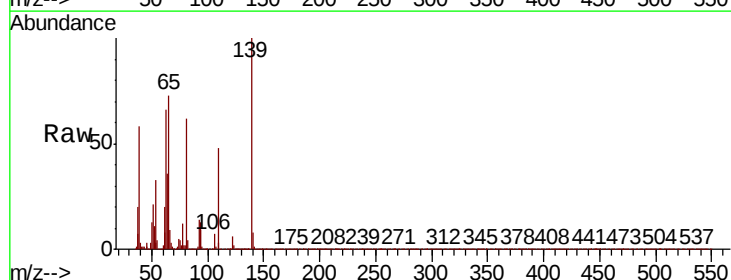
Manual Integrations
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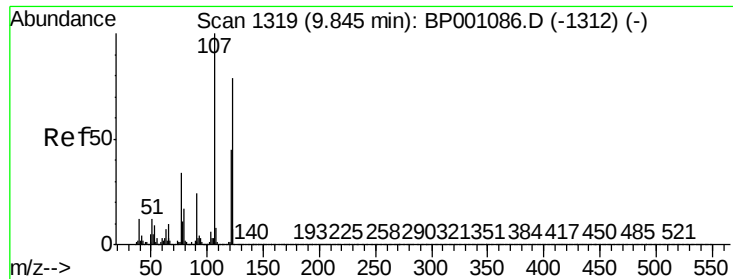
mohammad
12/11/2019 12:31:06 PM



#26
2-Nitrophenol
Concen: 52.266 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	116591		
109	48.3	35.5	53.3	
65	73.1	59.3	88.9	





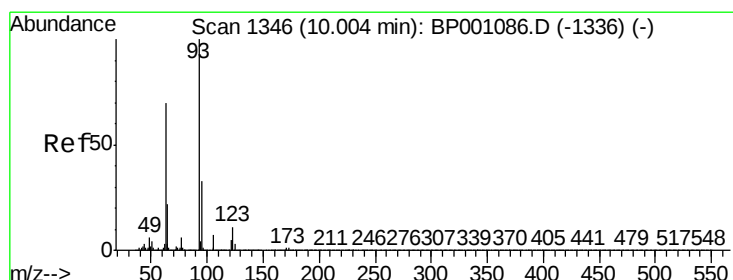
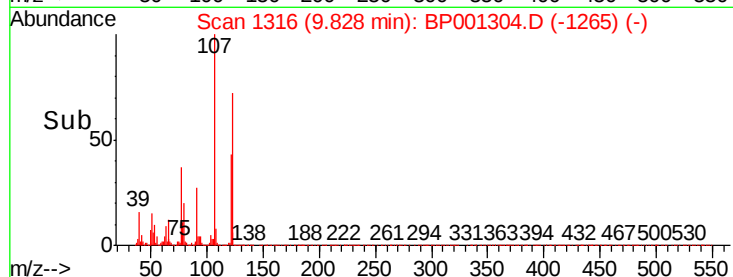
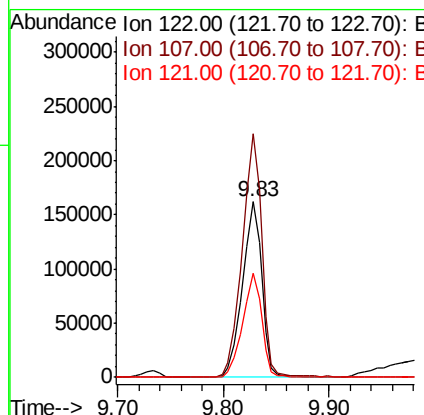
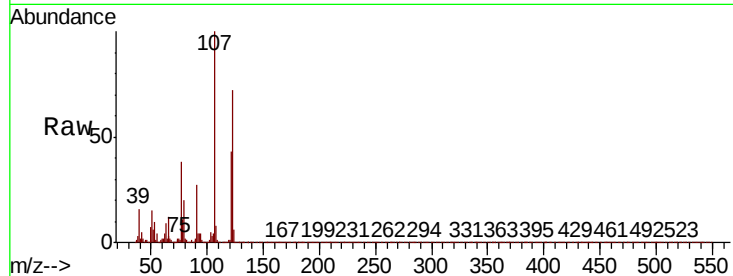
#27
2,4-Dimethylphenol
Concen: 57.819 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.6	106.7	160.1
121	59.1	47.3	70.9

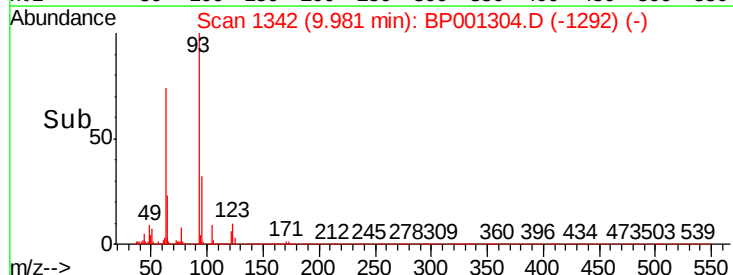
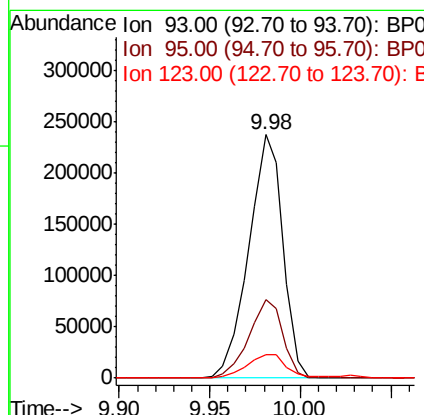
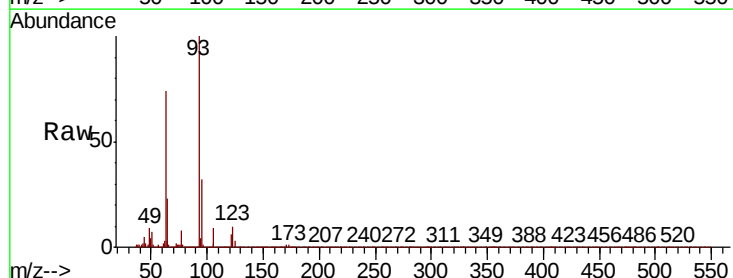
Manual Integrations
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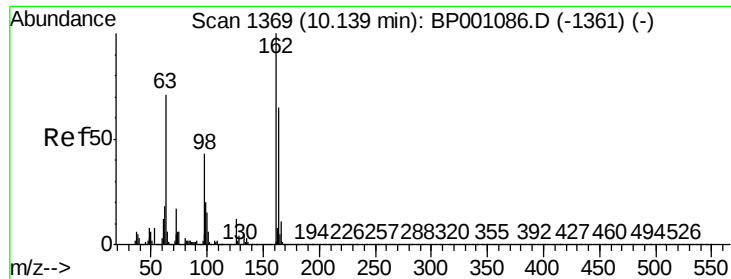
mohammad
12/11/2019 12:31:06 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.106 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.6
123	9.8	8.5	12.7





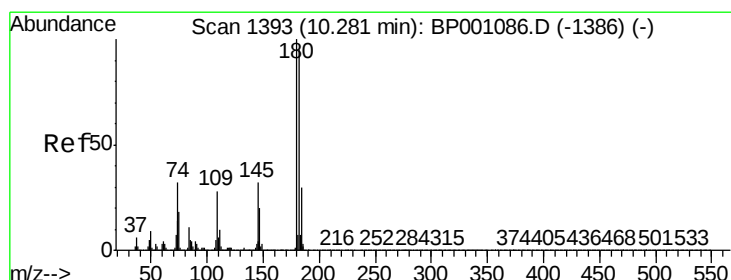
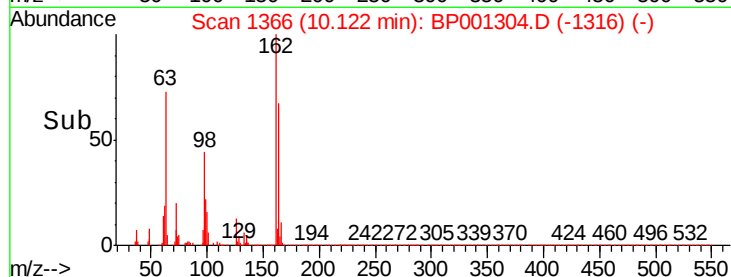
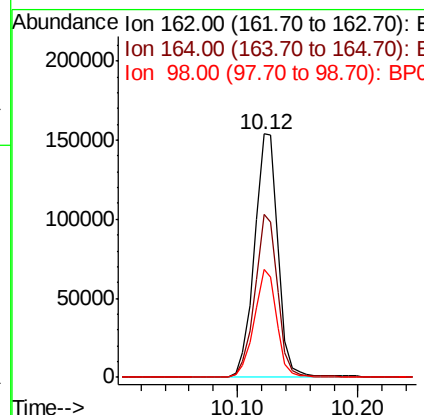
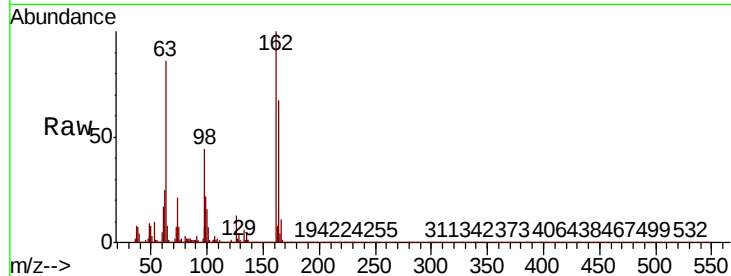
#29
2,4-Dichlorophenol
Concen: 51.884 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	44.7	84.7
98	44.1	22.9	62.9

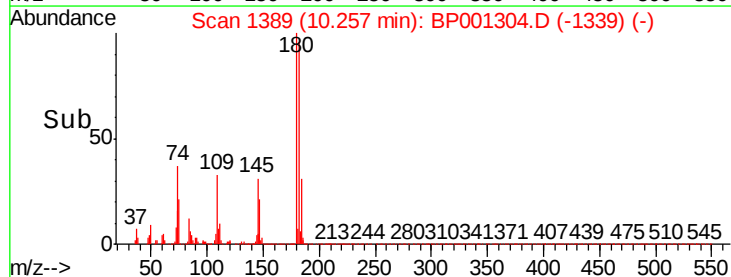
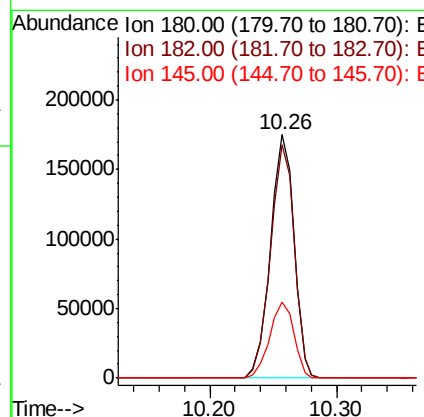
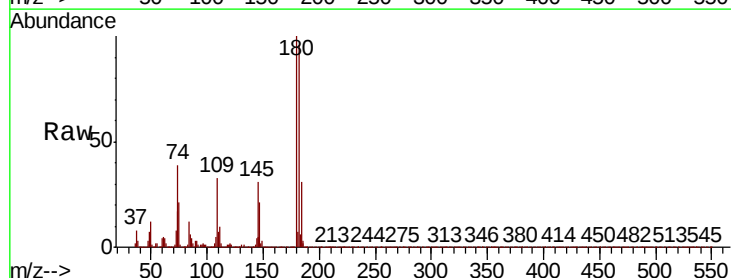
Manual Integrations
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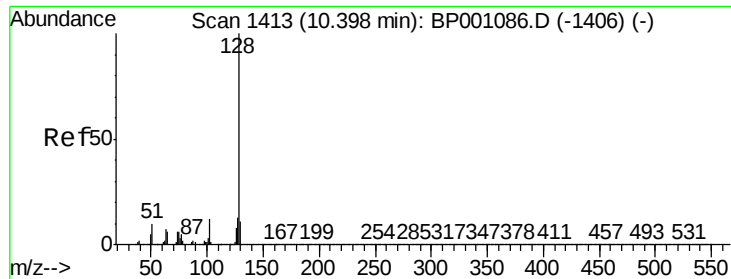
mohammad
12/11/2019 12:31:06 PM



#30
1,2,4-Trichlorobenzene
Concen: 48.109 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.4	113.0
145	31.4	25.1	37.7





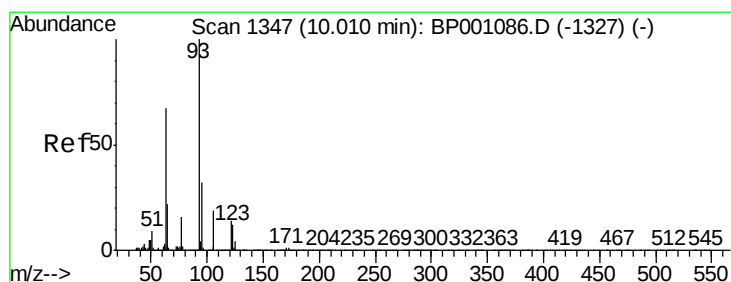
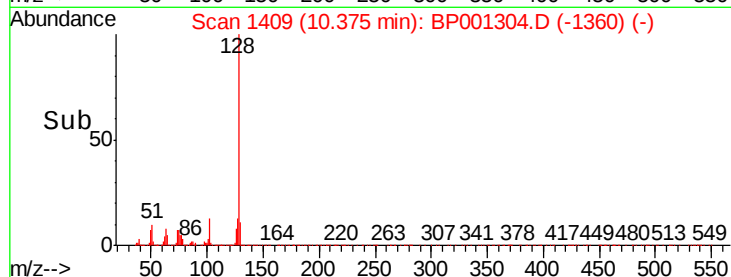
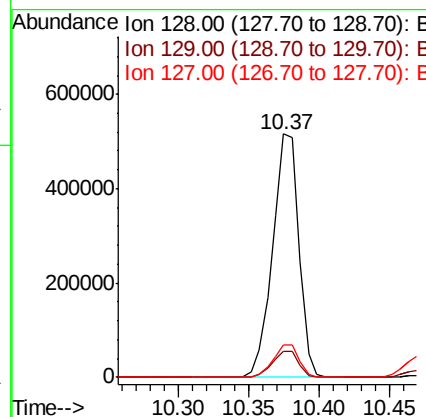
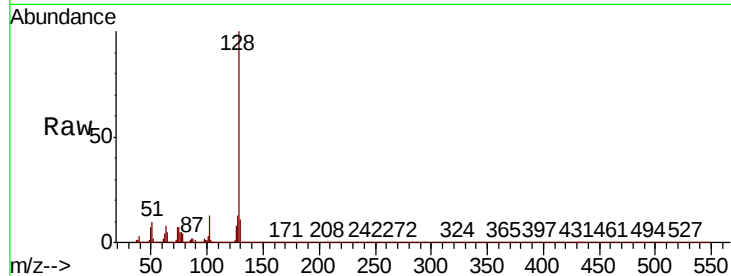
#31
Naphthalene
Concen: 49.699 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.2	10.6	16.0

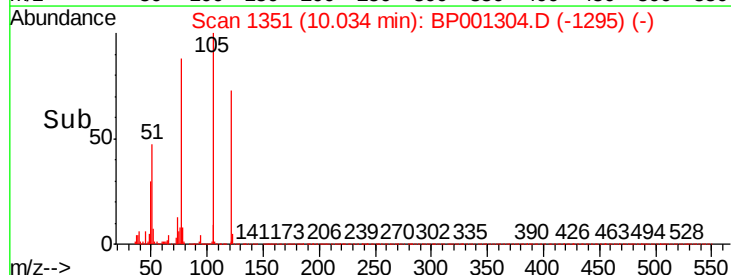
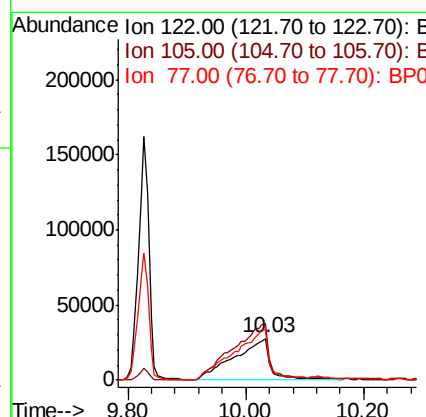
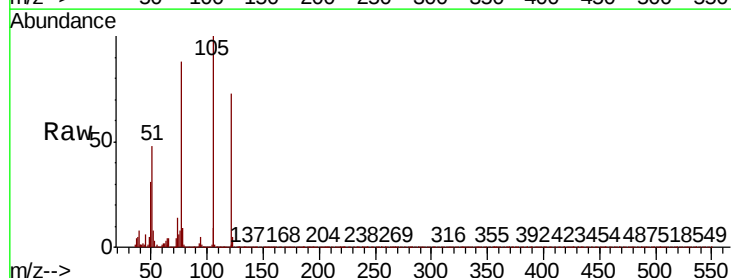
Manual Integrations
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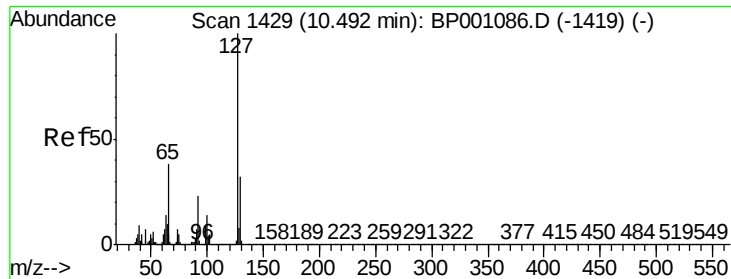
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#32
Benzoic acid
Concen: 45.176 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.03 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.1	122.3	162.3
77	120.2	100.4	140.4





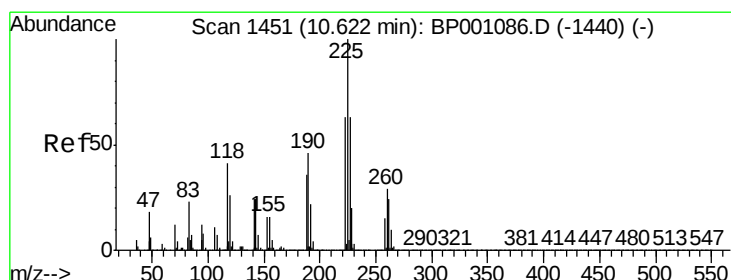
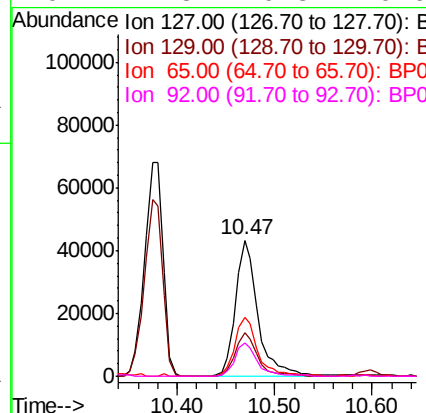
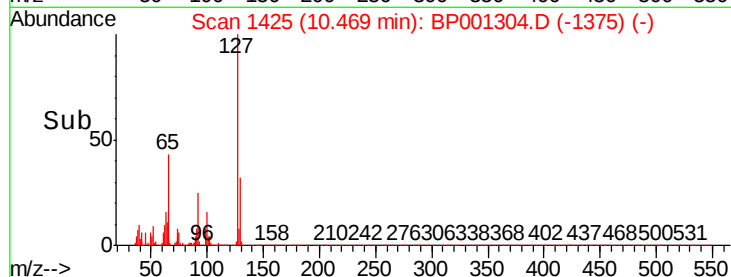
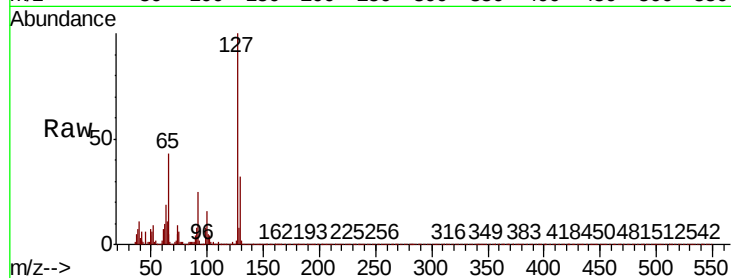
#33
4-Chloroaniline
Concen: 11.737 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.6	38.4
65	43.4	33.6	50.4
92	24.8	19.8	29.6

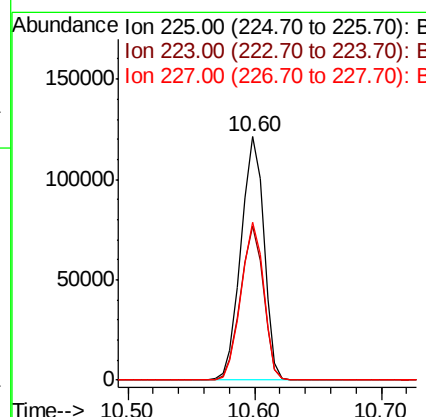
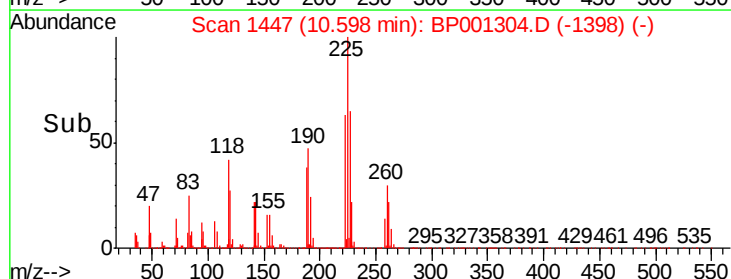
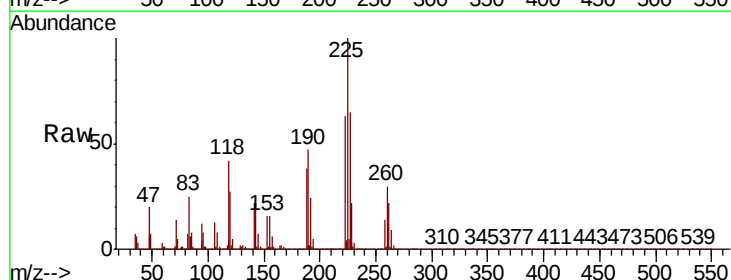
Manual Integrations
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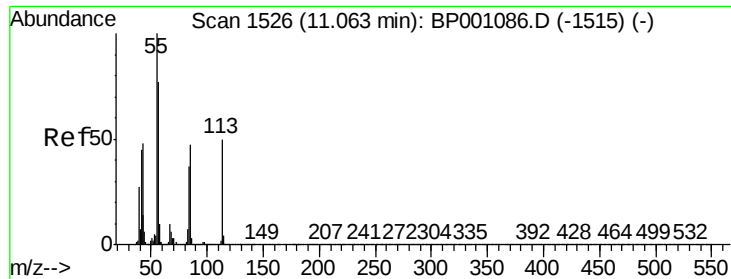
mohammad
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#34
Hexachlorobutadiene
Concen: 51.156 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	47.8	71.6
227	64.9	50.0	75.0





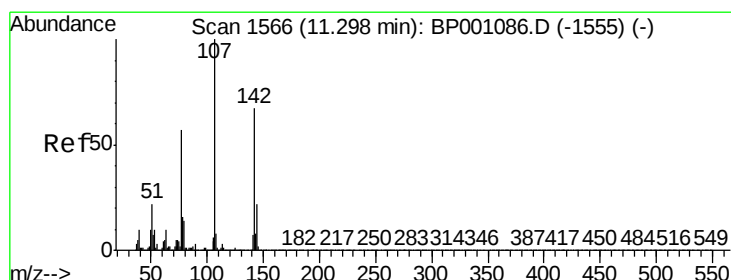
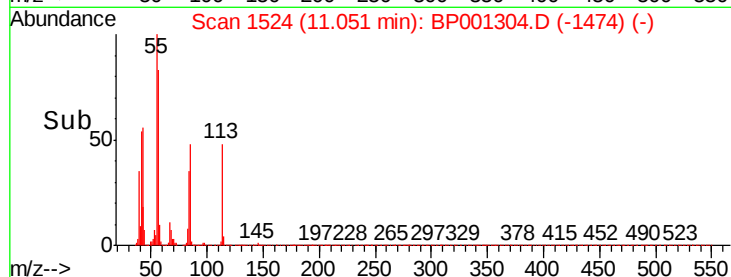
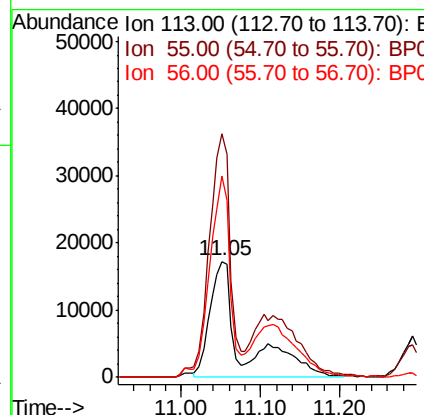
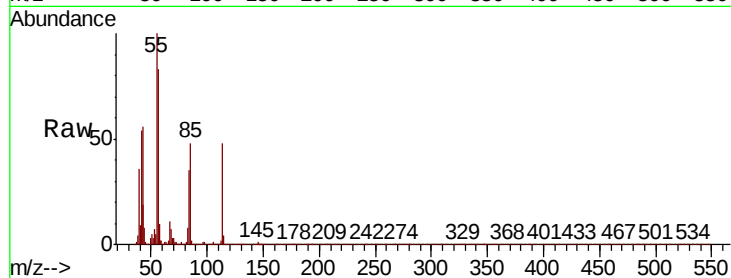
#35
Caprolactam
Concen: 35.687 ng/ml
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	210.1	185.4	225.4		
56	173.6	136.9	176.9		

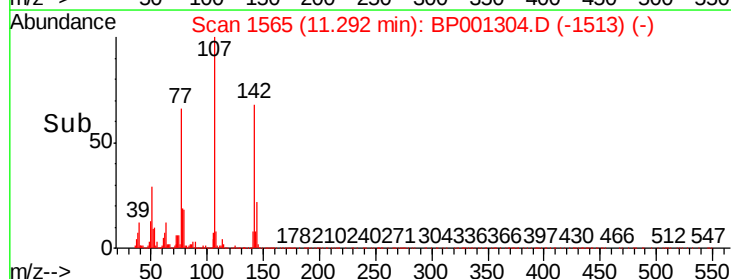
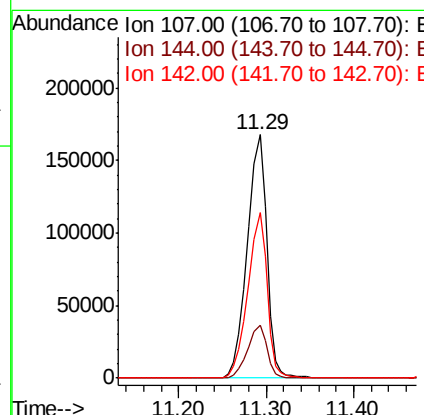
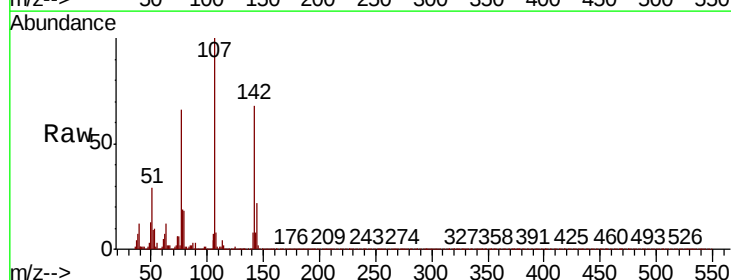
Manual Integrations
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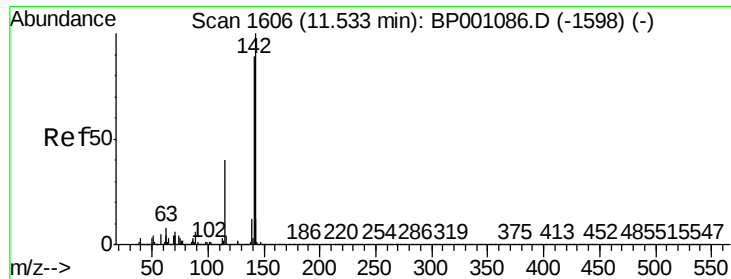
mohammad
12/11/2019 12:31:06 PM



#36
4-Chloro-3-methylphenol
Concen: 52.893 ng/ml
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	22.0	16.8	25.2		
142	68.1	51.8	77.6		





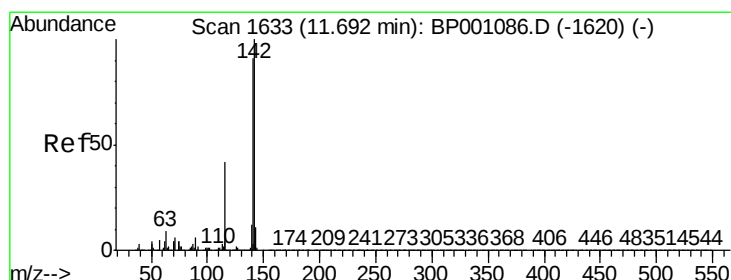
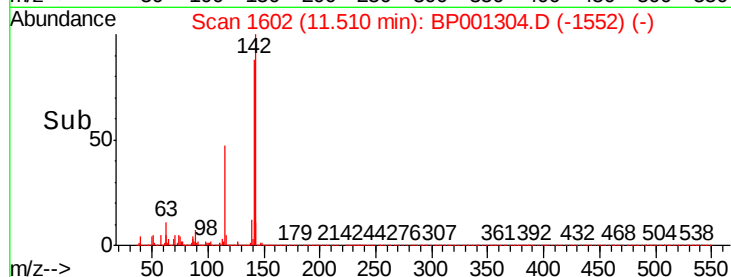
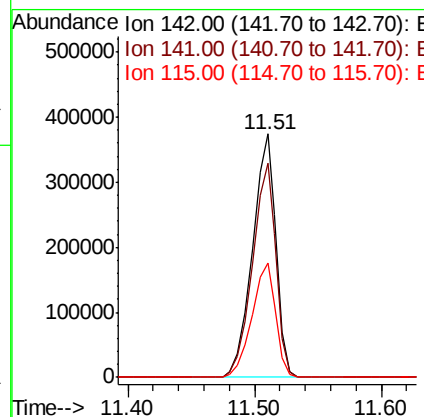
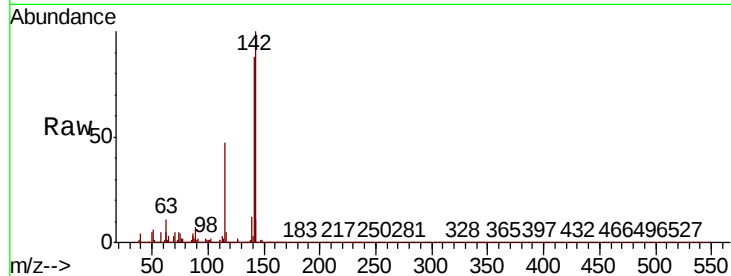
#37
2-Methylnaphthalene
Concen: 51.969 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.6	107.4
115	46.8	36.0	54.0

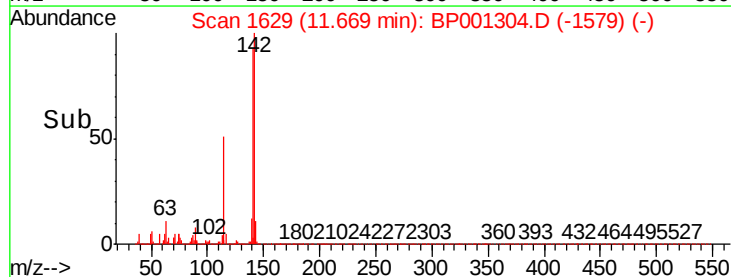
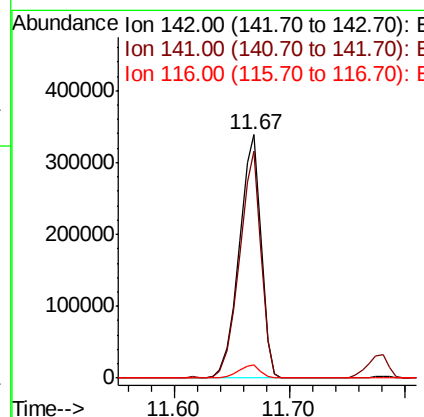
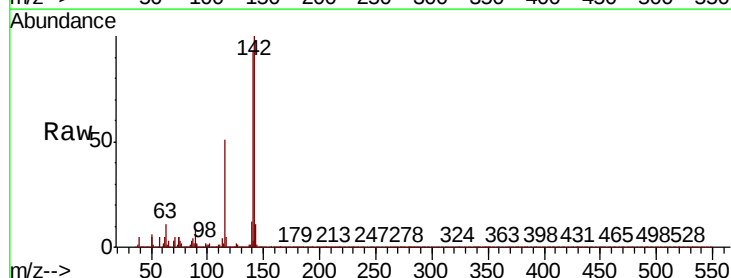
Manual Integrations
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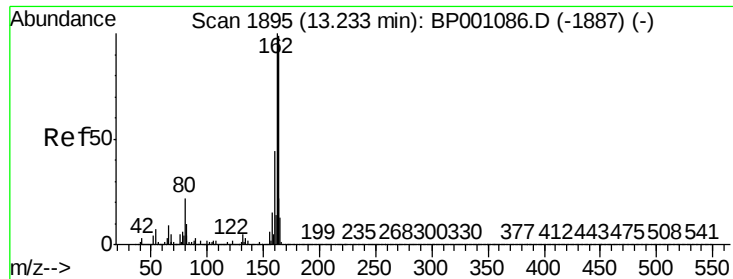
mohammad
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#38
1-Methylnaphthalene
Concen: 50.524 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.7	109.1
116	5.5	3.8	5.6





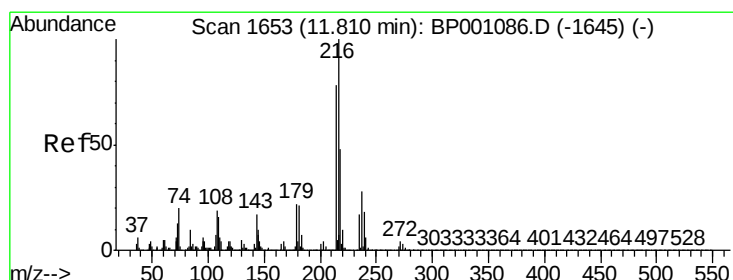
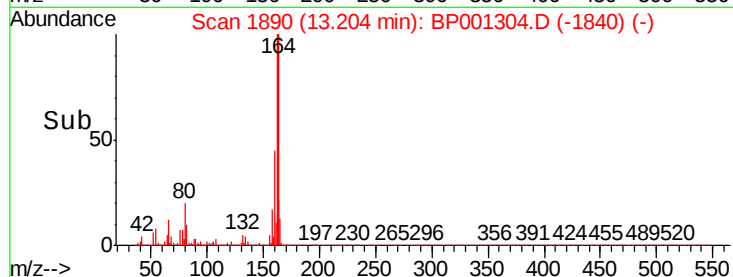
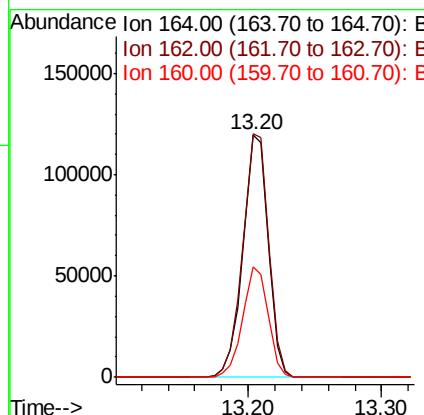
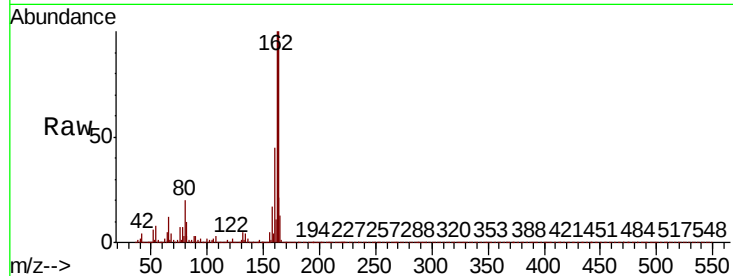
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.7	121.1
160	45.5	36.3	54.5

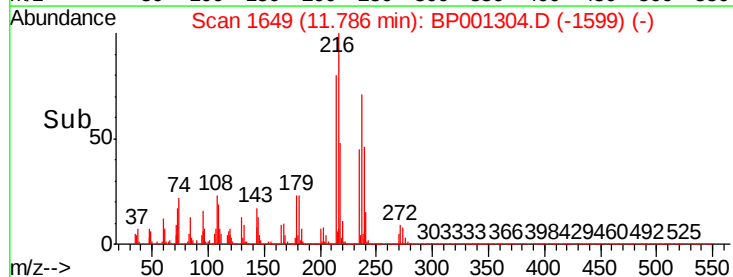
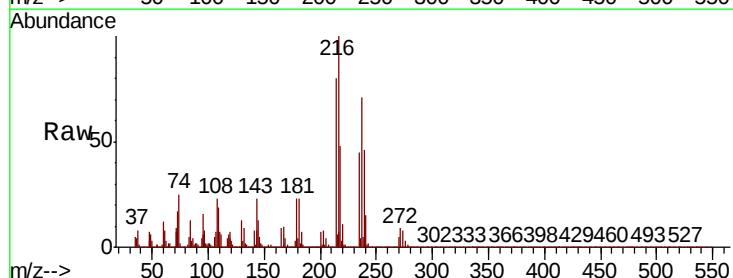
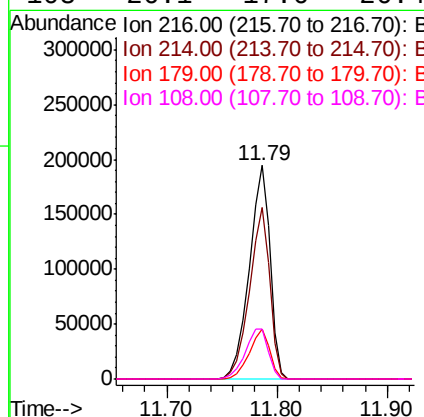
Manual Integrations
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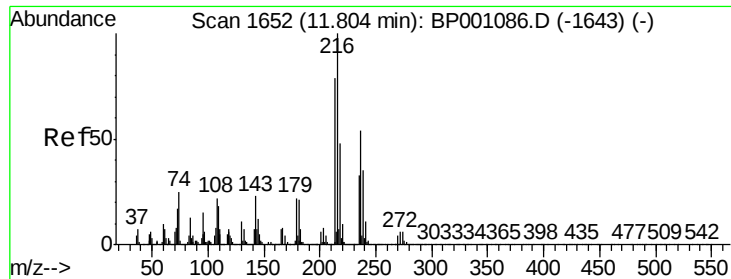
mohammad
12/11/2019 12:31:06 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.128 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.2	93.2
179	23.1	17.8	26.6
108	26.1	17.6	26.4





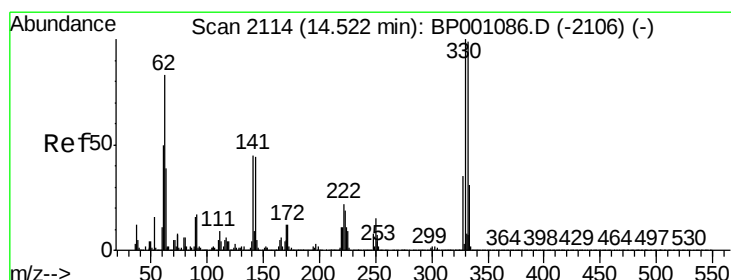
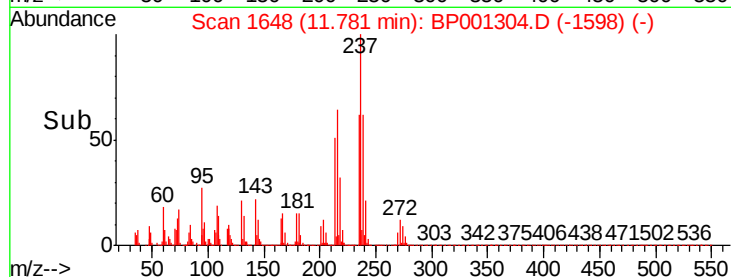
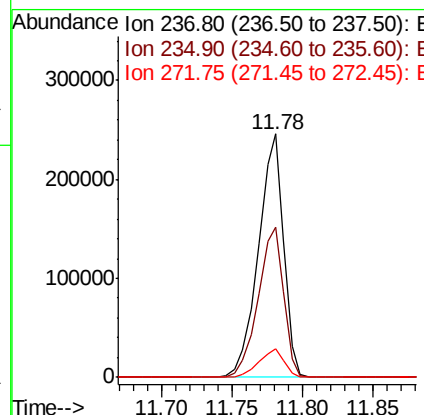
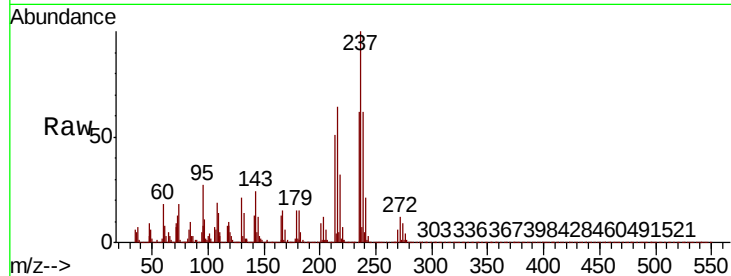
#41
Hexachlorocyclopentadiene
Concen: 136.397 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	41.9	81.9
272	11.9	0.0	32.4

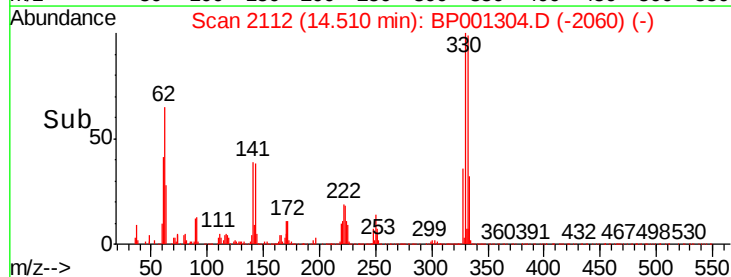
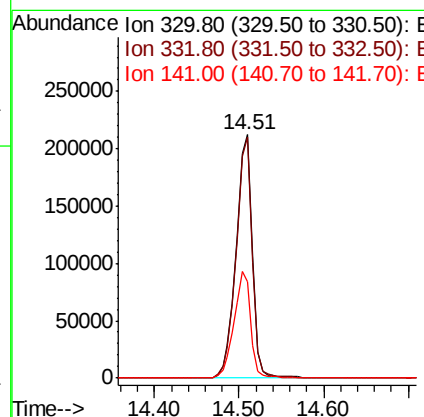
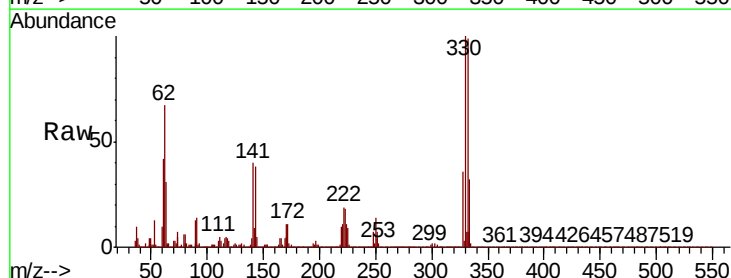
Manual Integrations
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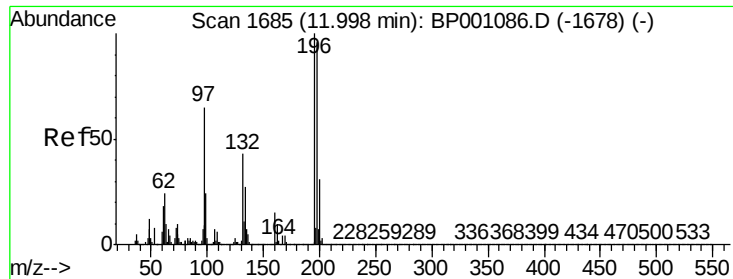
mohammad
12/11/2019 12:31:06 PM



#42
2,4,6-Tribromophenol
Concen: 187.111 ng
RT: 14.51 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.4	79.1	118.7
141	44.7	35.9	53.9





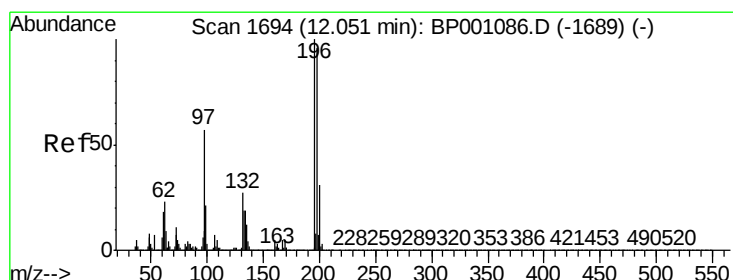
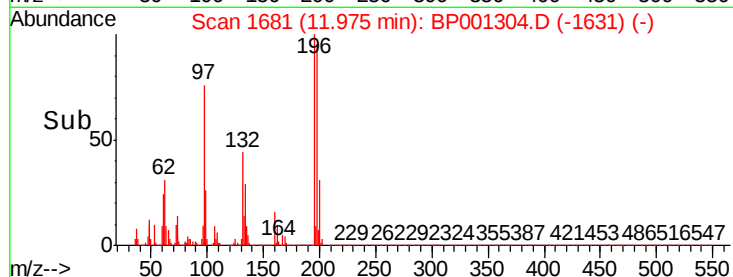
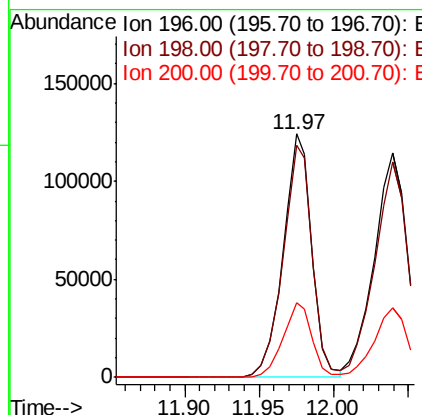
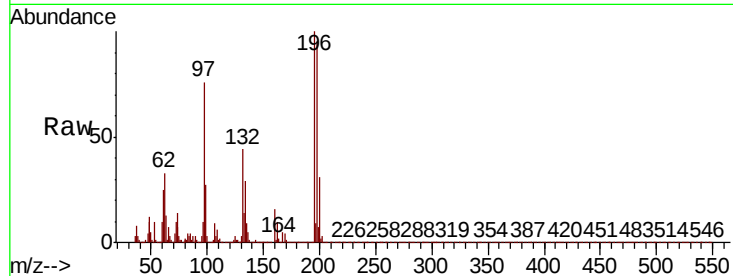
#43
2,4,6-Trichlorophenol
Concen: 52.001 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	166941		
198	95.3	77.4	116.0	
200	30.7	25.6	38.4	

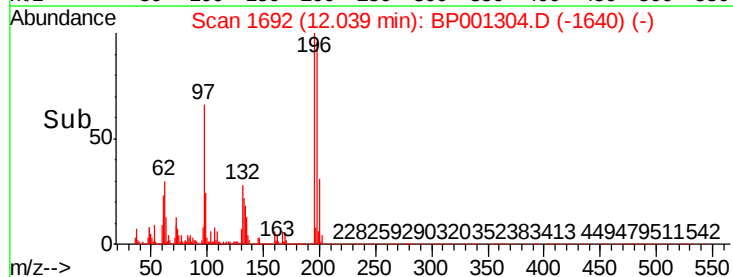
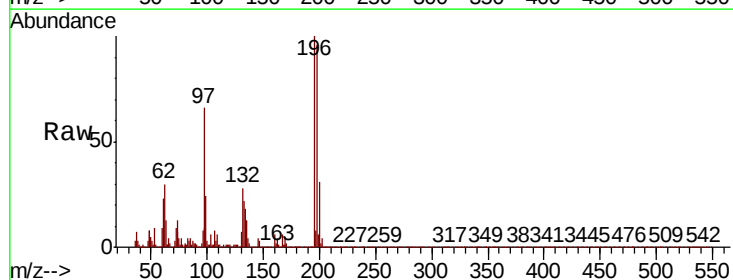
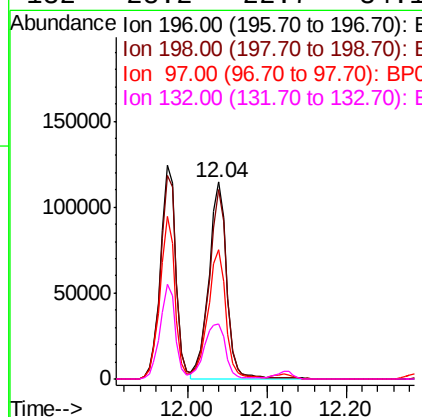
Manual Integrations
APPROVED

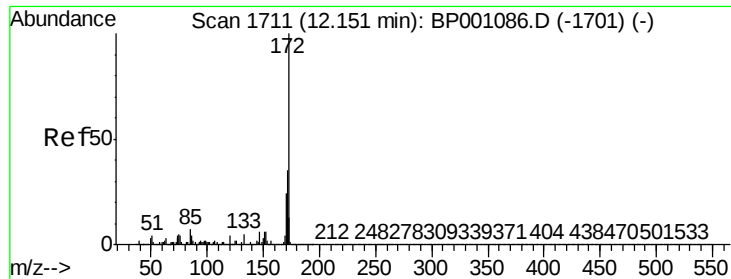
mohammad
12/11/2019 12:31:06 PM



#44
2,4,5-Trichlorophenol
Concen: 54.338 ng
RT: 12.04 min Scan# 1692
Delta R.T. 0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180745		
198	96.1	75.7	113.5	
97	65.8	51.3	76.9	
132	28.2	22.7	34.1	





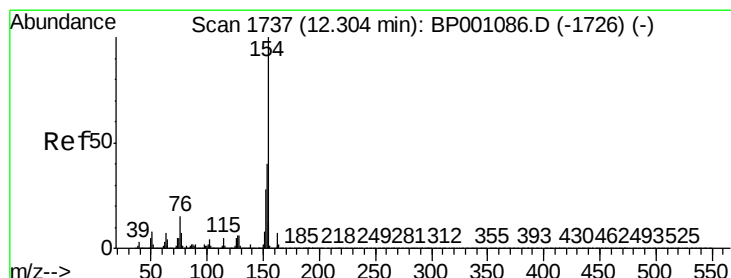
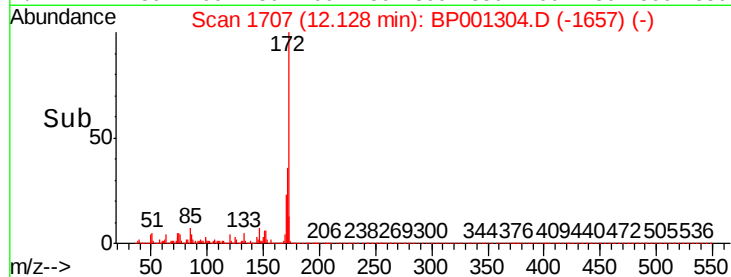
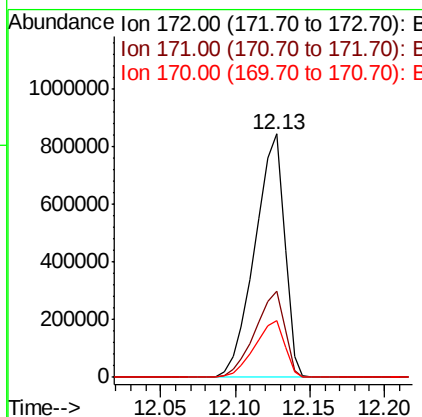
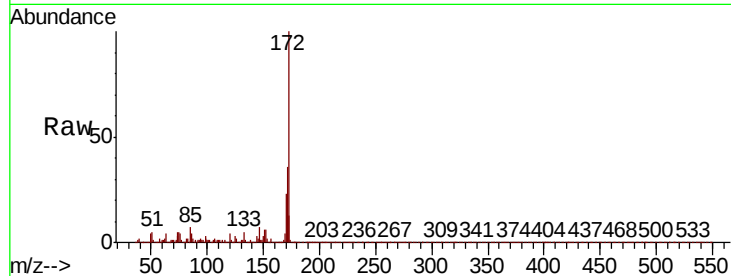
#45
2-Fluorobiphenyl
Concen: 108.384 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	23.4	19.2	28.8

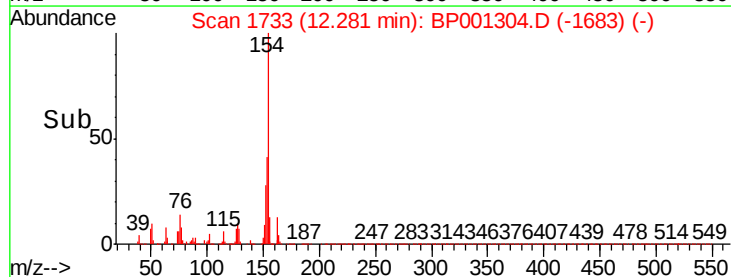
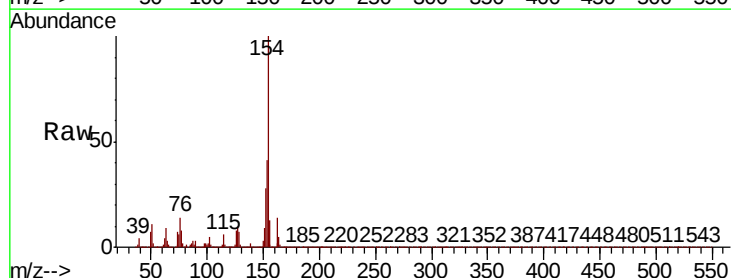
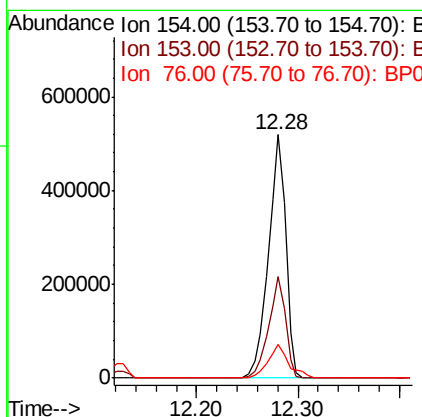
Manual Integrations
APPROVED

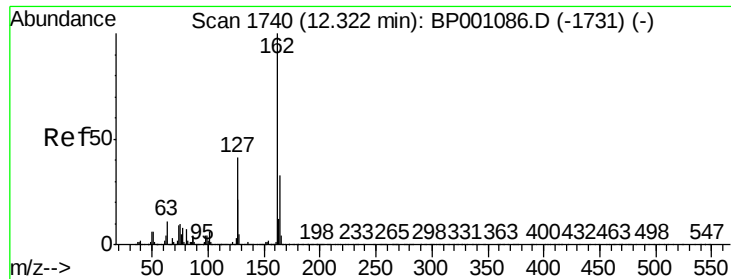
mohammad
12/11/2019 12:31:06 PM



#46
1,1'-Biphenyl
Concen: 50.988 ng
RT: 12.28 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.3	59.3
76	13.7	0.0	34.2





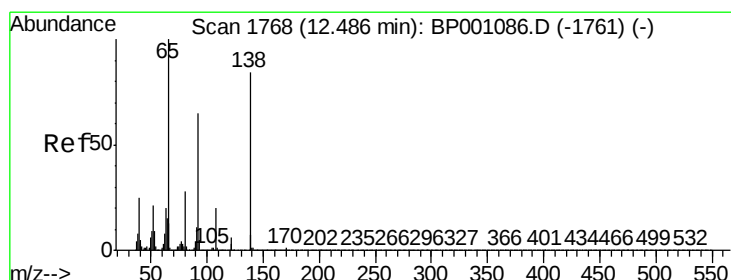
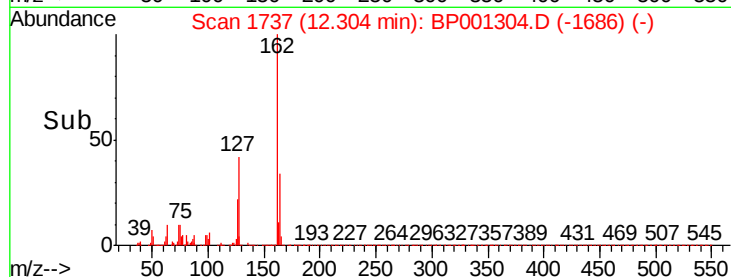
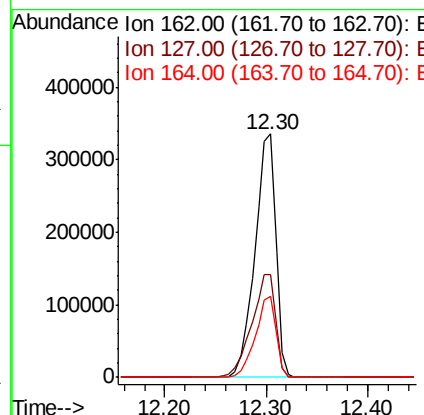
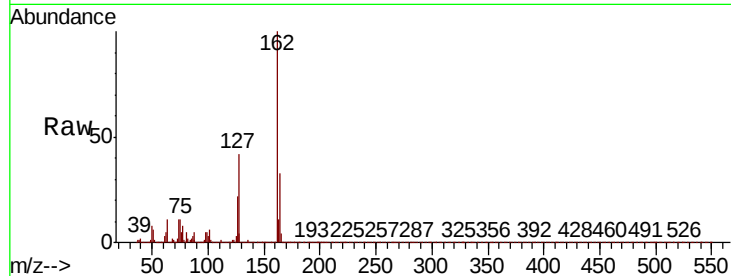
#47
2-Chloronaphthalene
Concen: 49.638 ng
RT: 12.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	34.4	51.6
164	33.5	26.2	39.4

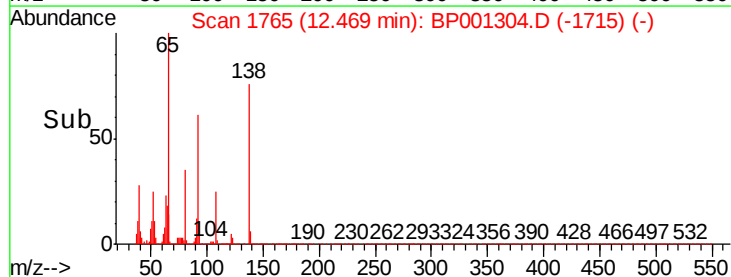
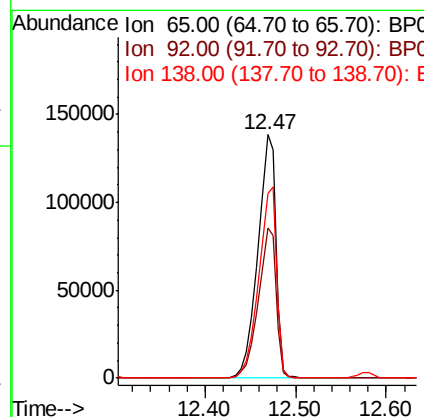
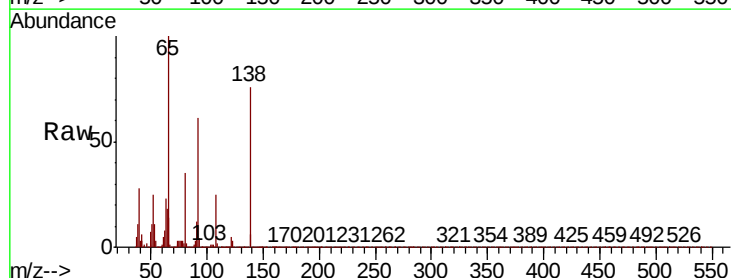
Manual Integrations
APPROVED

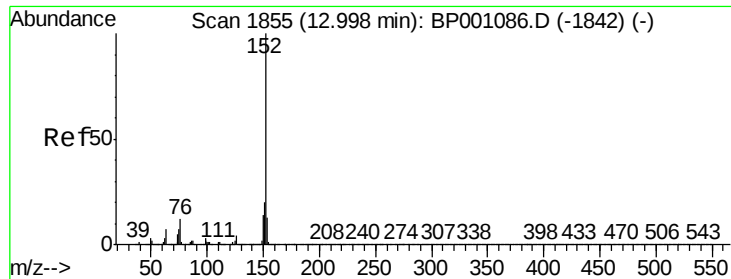
mohammad
12/11/2019 12:31:06 PM



#48
2-Nitroaniline
Concen: 50.083 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.5	49.4	74.2
138	75.9	64.8	97.2





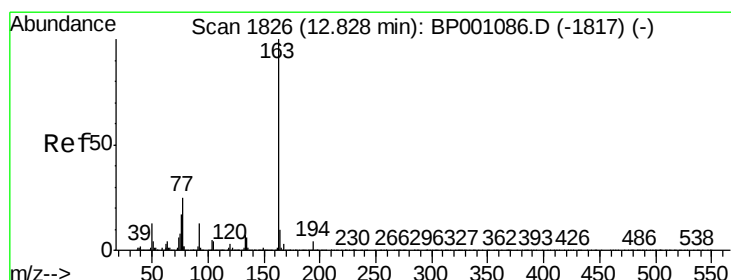
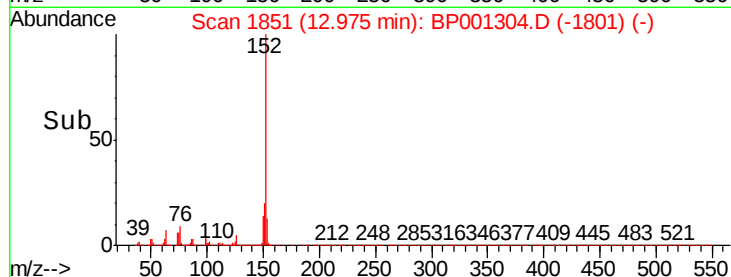
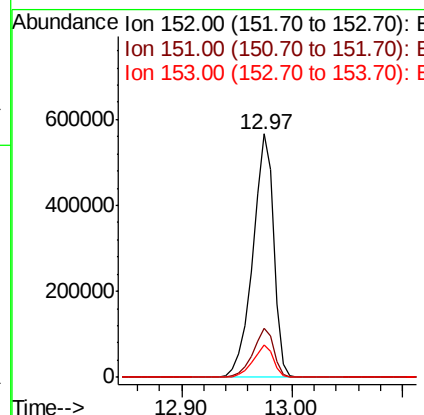
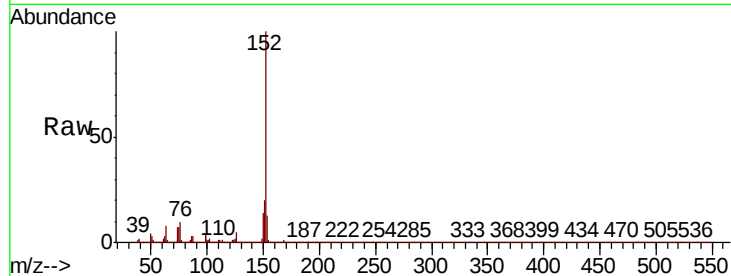
#49
Acenaphthylene
Concen: 51.941 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		749866		
151	20.2	16.0	24.0		
153	13.3	10.3	15.5		

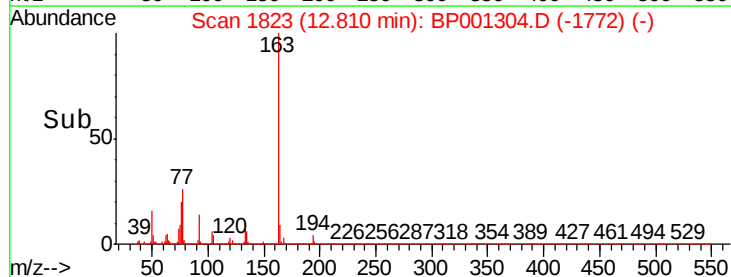
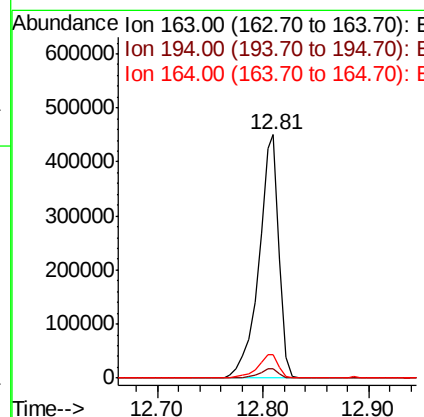
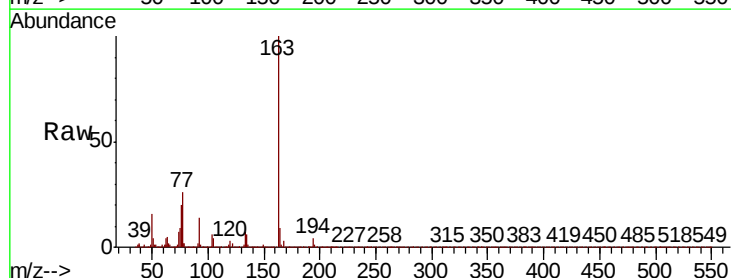
Manual Integrations
APPROVED

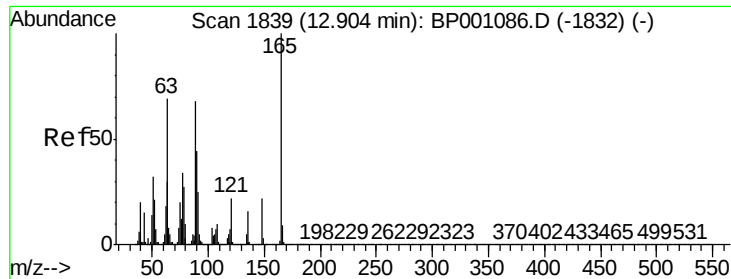
mohammad
12/11/2019 12:31:06 PM



#50
Dimethylphthalate
Concen: 51.159 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		596962		
194	4.0	3.1	4.7		
164	9.4	8.2	12.4		





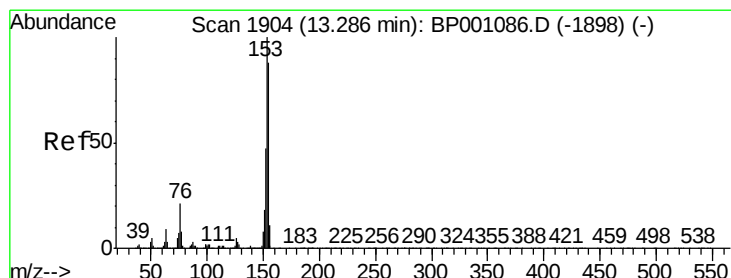
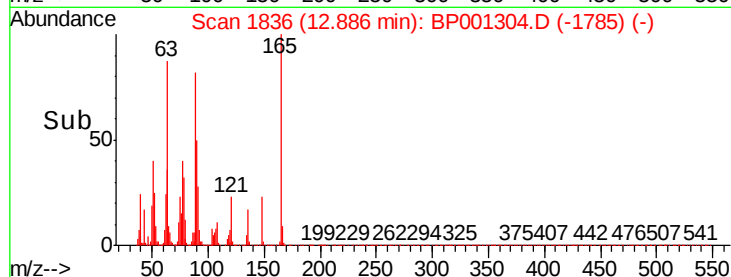
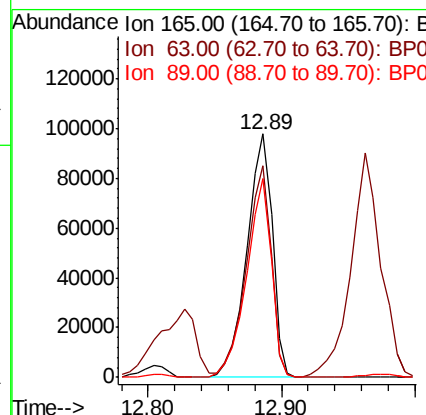
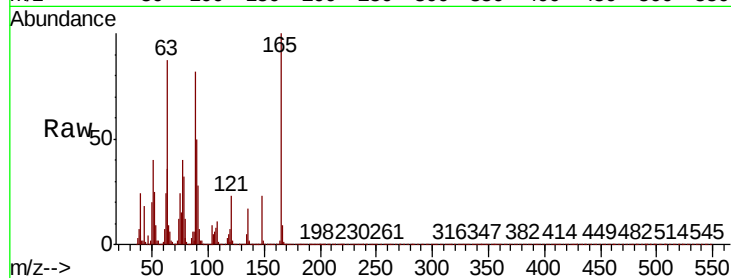
#51
2,6-Dinitrotoluene
Concen: 51.250 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	86.8	64.1	96.1
89	81.8	61.8	92.6

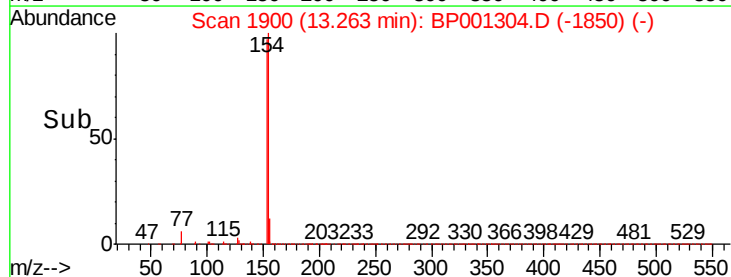
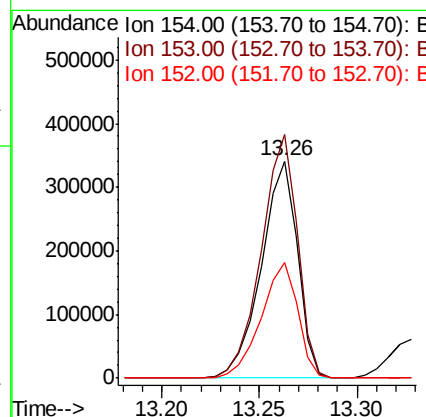
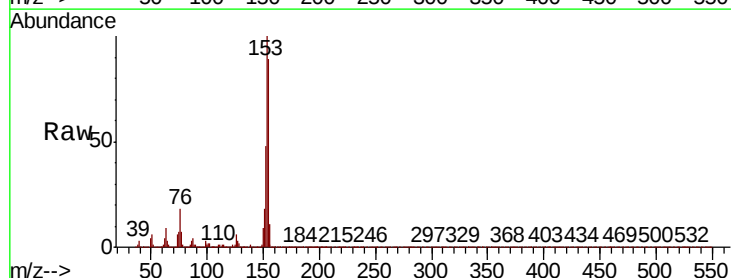
Manual Integrations
APPROVED

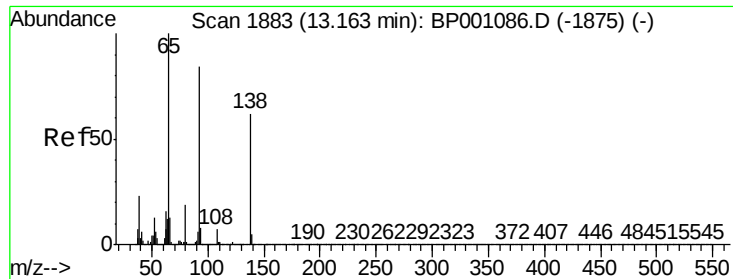
mohammad
12/11/2019 12:31:06 PM



#52
Acenaphthene
Concen: 50.434 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.0	90.3	135.5
152	53.4	42.9	64.3





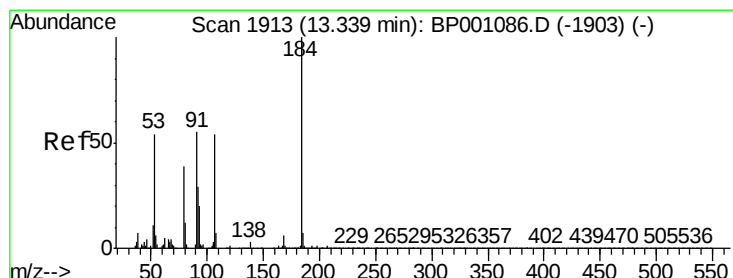
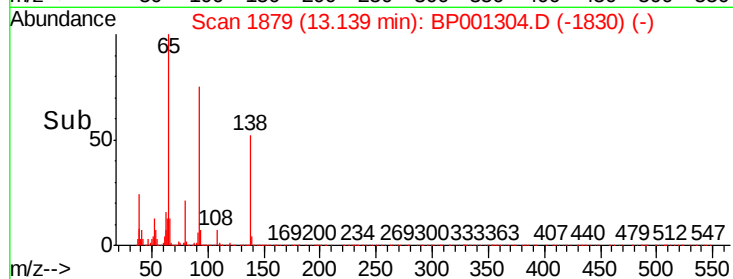
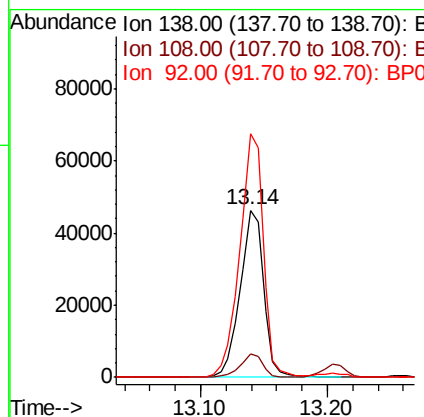
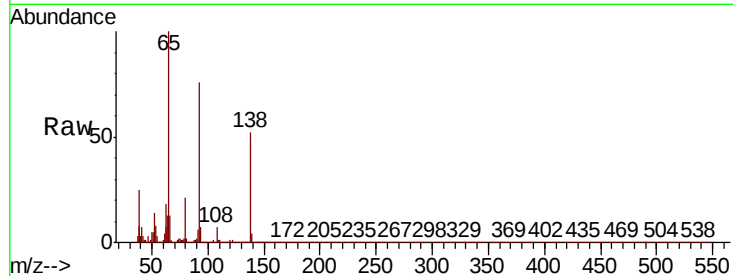
#53
3-Nitroaniline
Concen: 21.124 ng
RT: 13.14 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ion	Ratio	Lower	Upper
138	100			
108	13.6	10.1	15.1	
92	145.4	113.1	169.7	

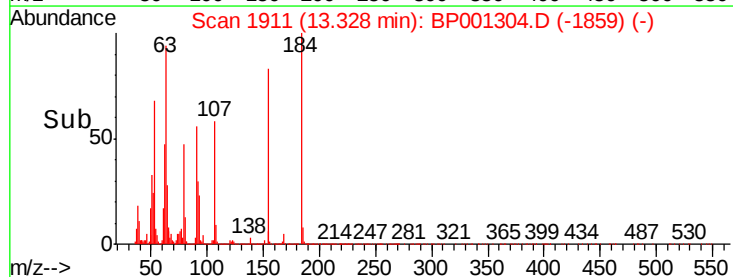
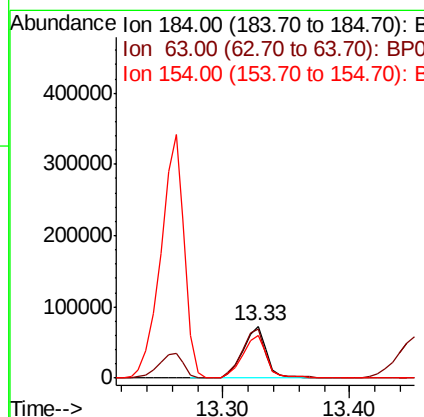
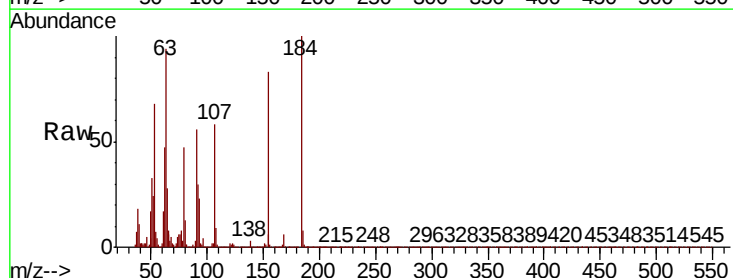
Manual Integrations
APPROVED

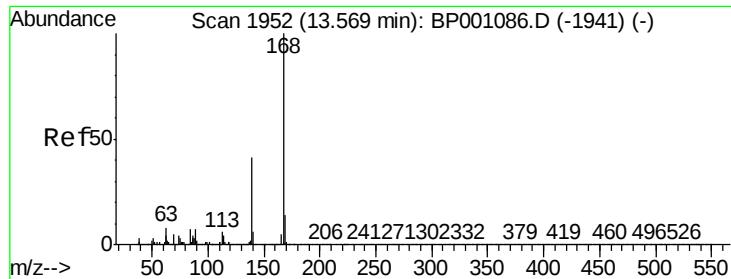
mohammad
12/11/2019 12:31:06 PM



#54
2,4-Dinitrophenol
Concen: 91.059 ng
RT: 13.33 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ion	Ratio	Lower	Upper
184	100			
63	94.1	69.4	104.0	
154	83.3	57.4	86.2	





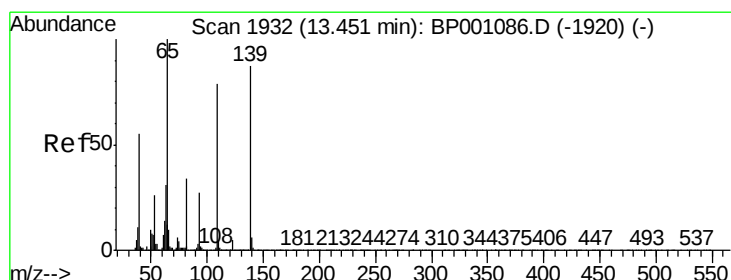
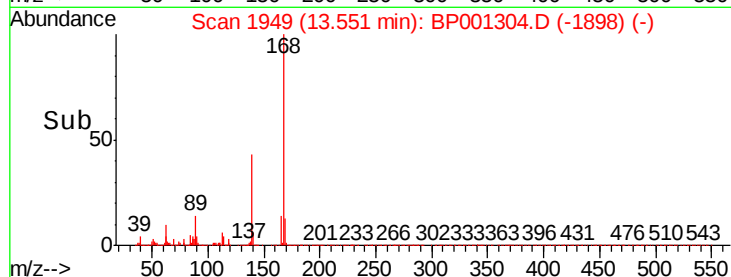
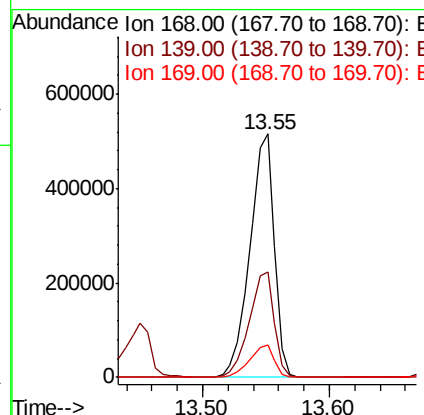
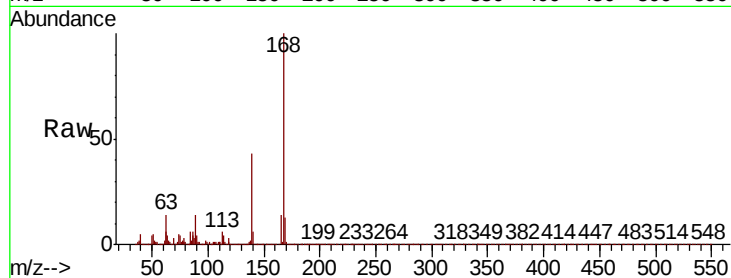
#55
Dibenzofuran
Concen: 52.984 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.2	34.5	51.7
169	13.2	10.8	16.2

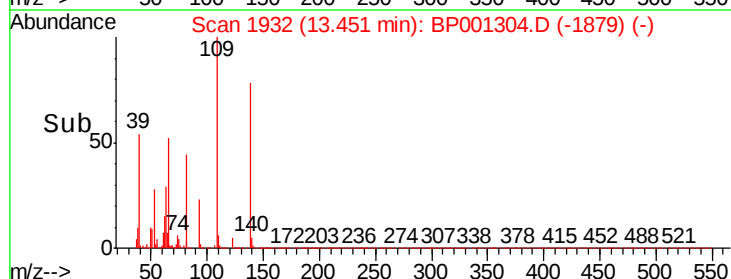
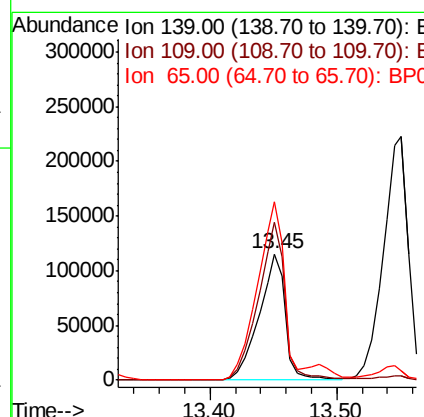
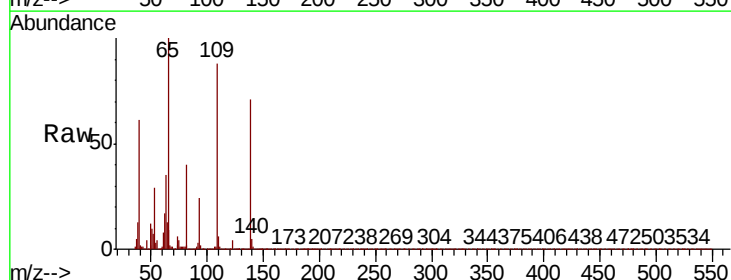
Manual Integrations
APPROVED

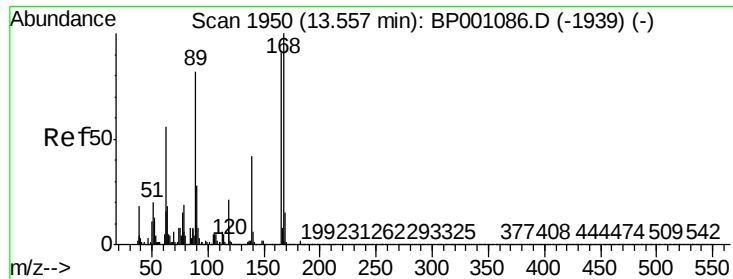
mohammad
12/11/2019 12:31:06 PM



#56
4-Nitrophenol
Concen: 83.822 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	125.1	87.8	127.8
65	141.5	111.9	151.9





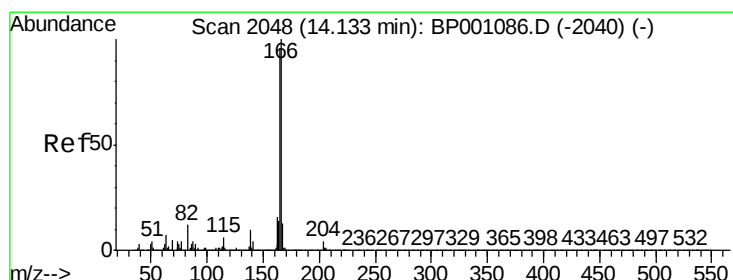
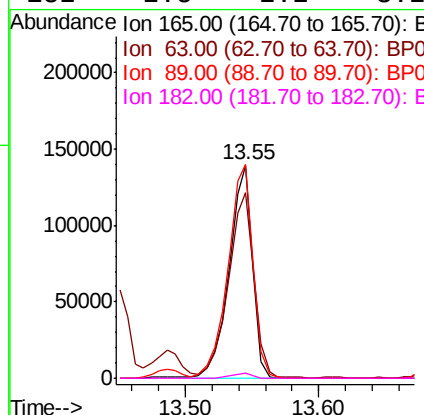
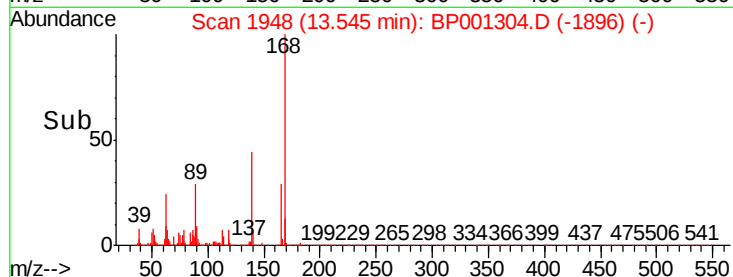
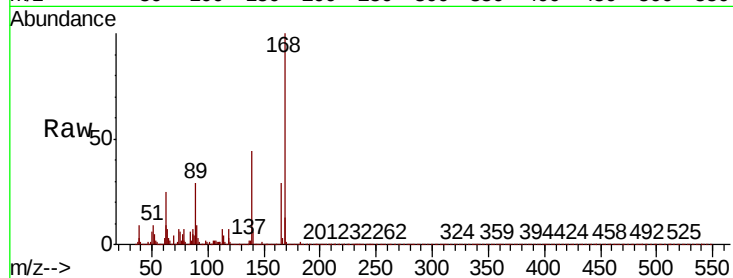
#57
2,4-Dinitrotoluene
Concen: 54.412 ng
RT: 13.55 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion:	165	Resp:	170362
Ion Ratio	Lower	Upper	
165	100		
63	87.1	58.3	87.5
89	100.5	79.8	119.8
182	2.5	2.2	3.2

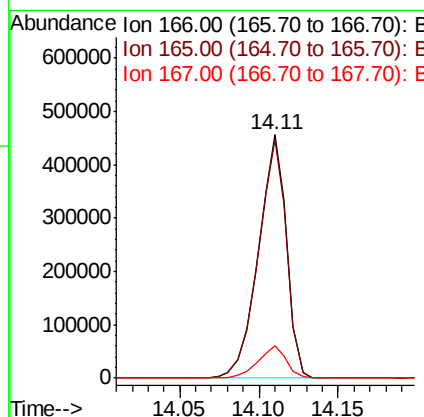
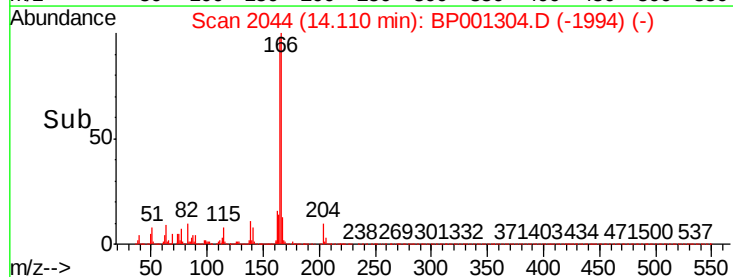
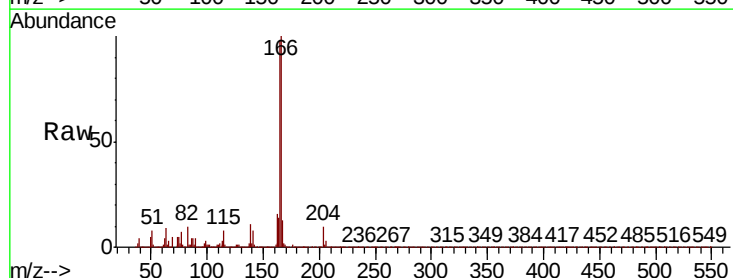
Manual Integrations
APPROVED

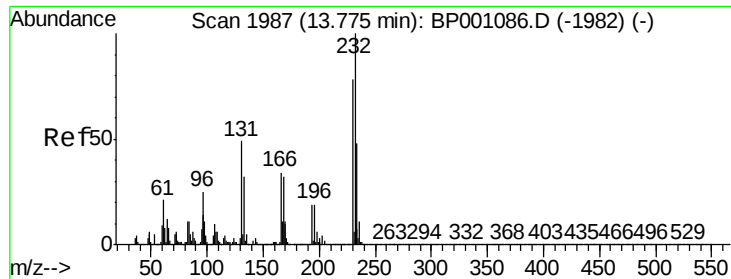
mohammad
12/11/2019 12:31:06 PM



#58
Fluorene
Concen: 53.585 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion:	166	Resp:	560328
Ion Ratio	Lower	Upper	
166	100		
165	97.8	77.8	116.8
167	13.4	10.5	15.7





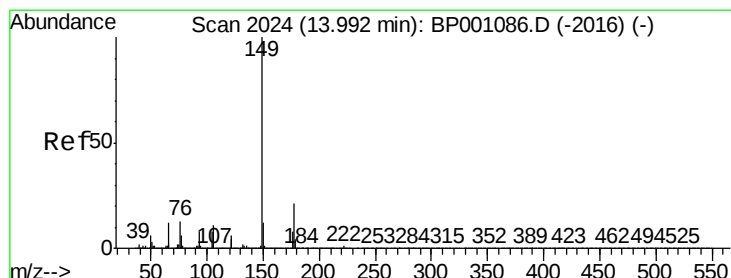
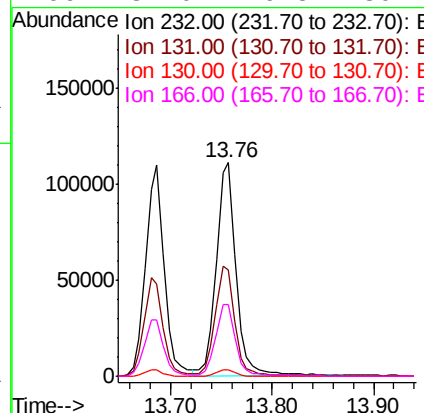
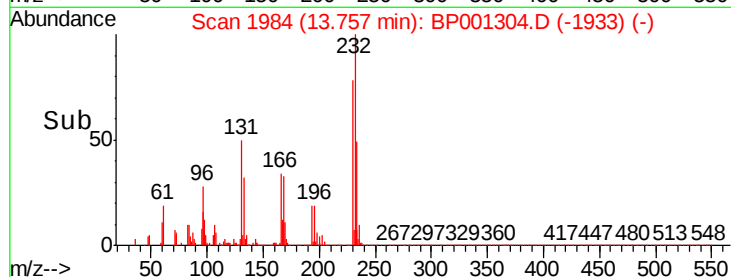
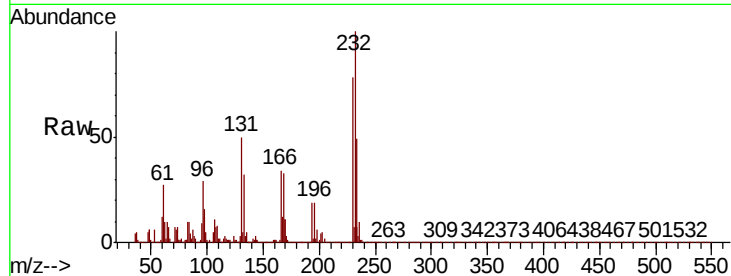
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.957 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	150269		
131	51.9	41.4	62.0	
130	2.9	2.2	3.4	
166	34.0	26.5	39.7	

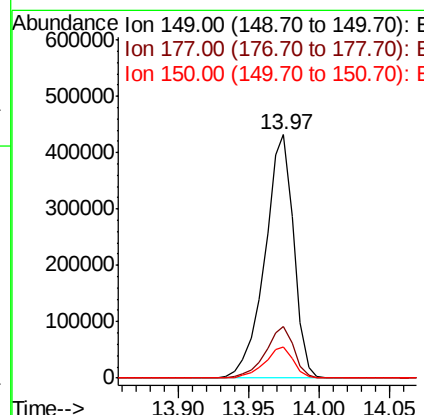
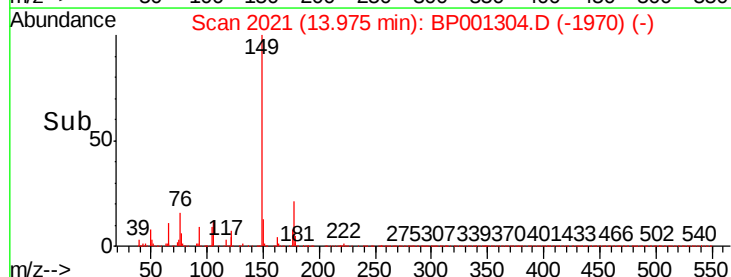
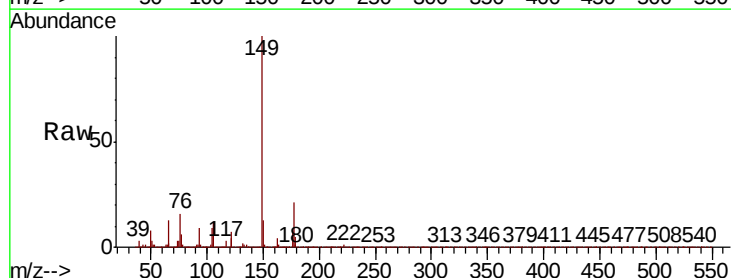
Manual Integrations
APPROVED

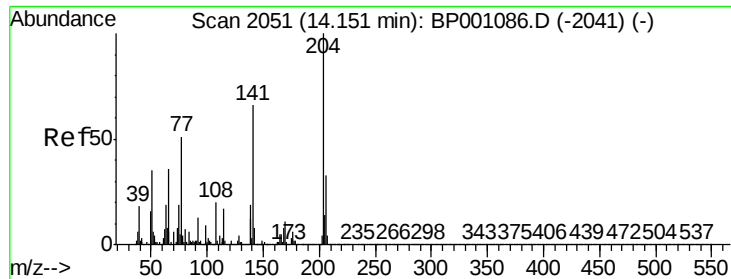
mohammad
12/11/2019 12:31:06 PM



#60
Diethylphthalate
Concen: 51.265 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	619395		
177	21.2	17.0	25.4	
150	12.8	10.2	15.2	





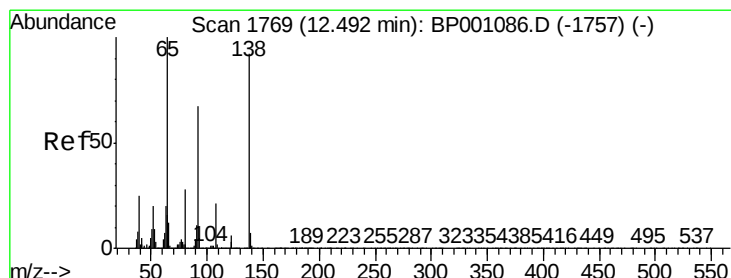
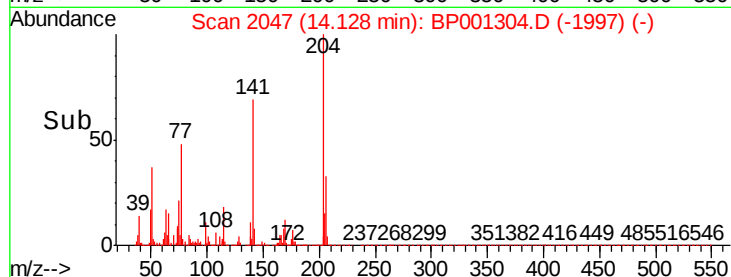
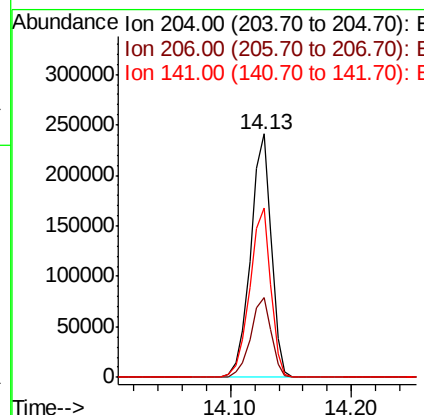
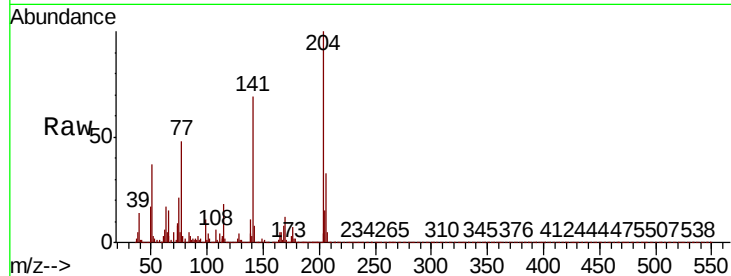
#61
4-Chlorophenyl-phenylether
Concen: 53.996 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	69.4	54.9	82.3

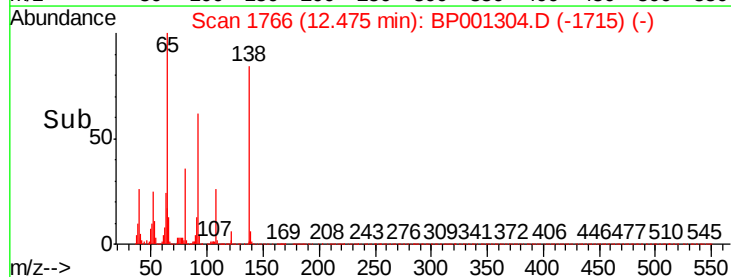
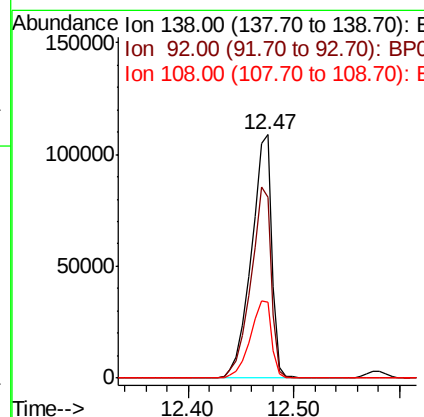
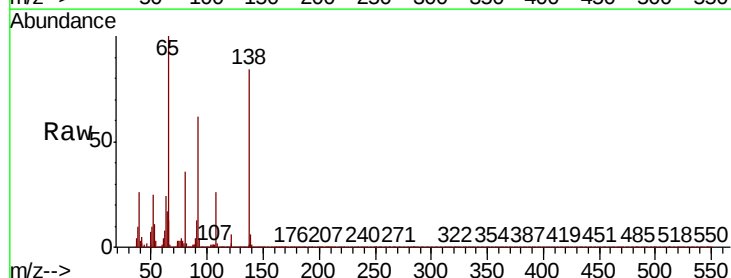
Manual Integrations
APPROVED

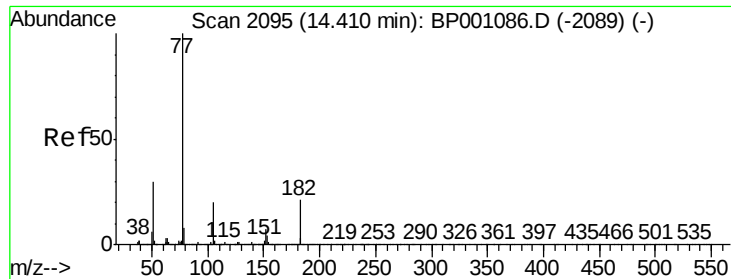
mohammad
12/11/2019 12:31:06 PM



#62
4-Nitroaniline
Concen: 45.431 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	74.5	56.3	96.3
108	31.2	8.3	48.3





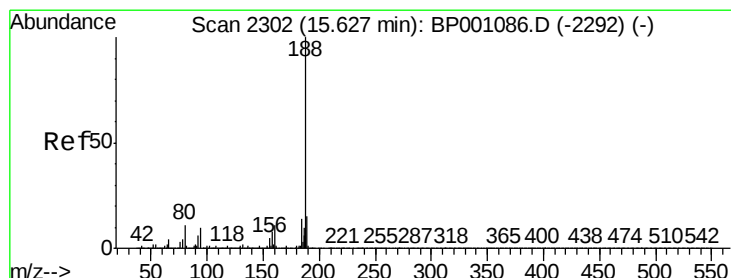
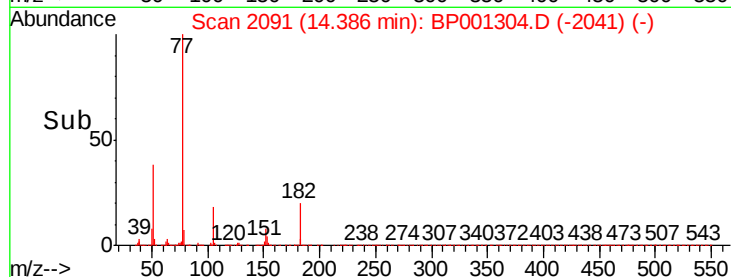
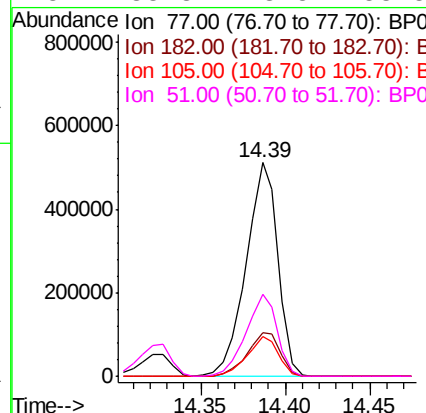
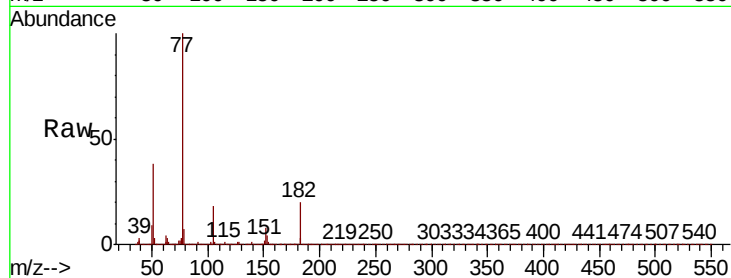
#63
Azobenzene
Concen: 51.119 ng
RT: 14.39 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	20.3	1.1	41.1
105	18.3	0.0	39.5
51	38.3	13.5	53.5

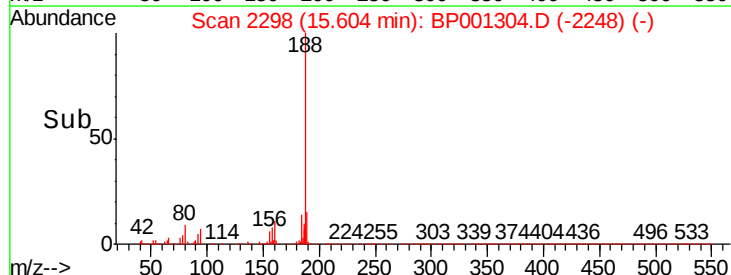
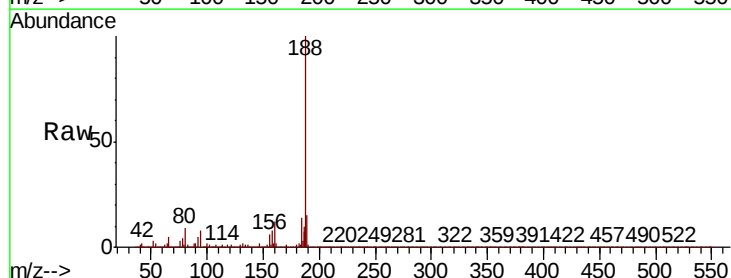
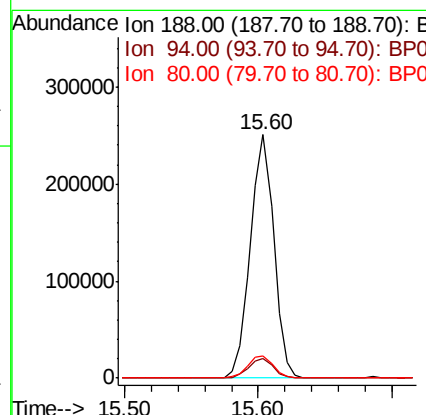
Manual Integrations
APPROVED

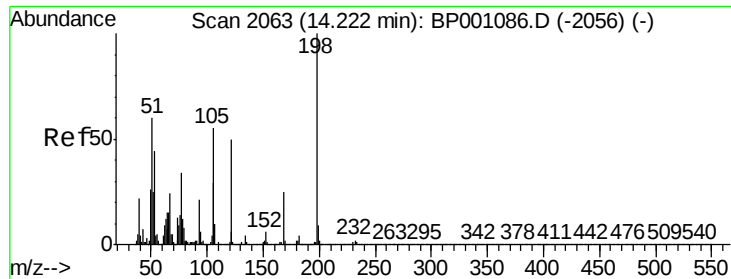
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	9.1	7.8	11.6





#65

4,6-Dinitro-2-methylphenol

Concen: 53.125 ng

RT: 14.21 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Instrument :

BNA_P

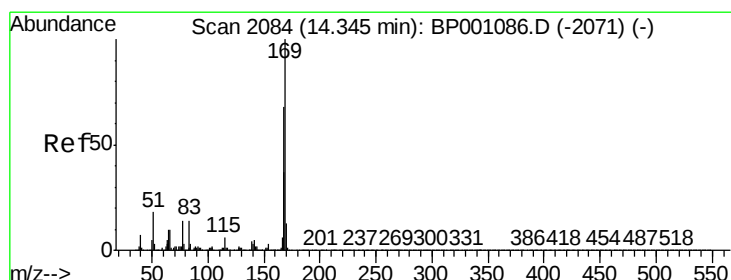
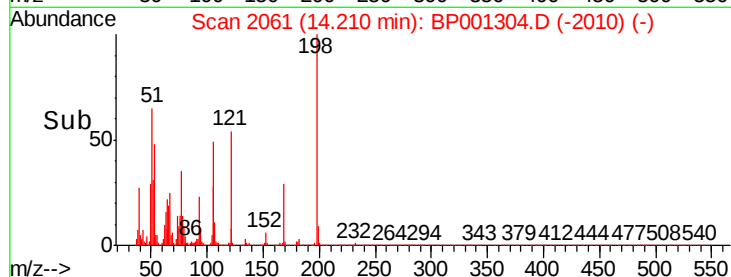
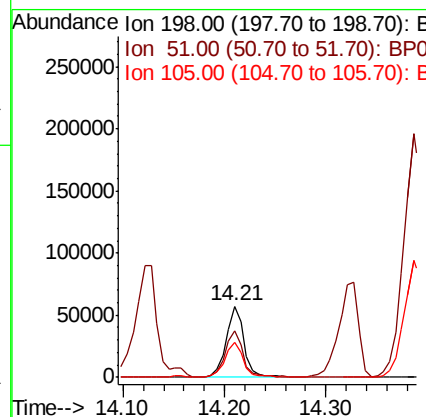
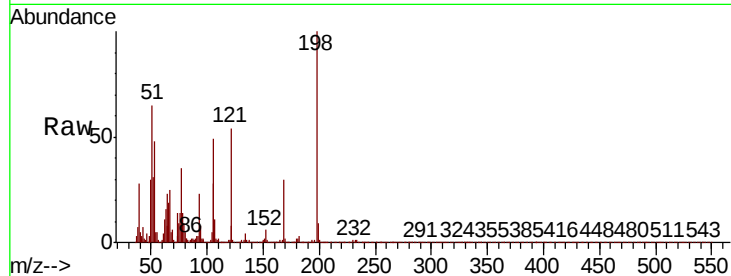
ClientSampleId :

CL-01-120619MSD

Tot Ion:	198	Resp:	70177
Ion Ratio	Lower	Upper	
198	100		
51	65.0	36.2	76.2
105	49.2	30.2	70.2

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 51.217 ng

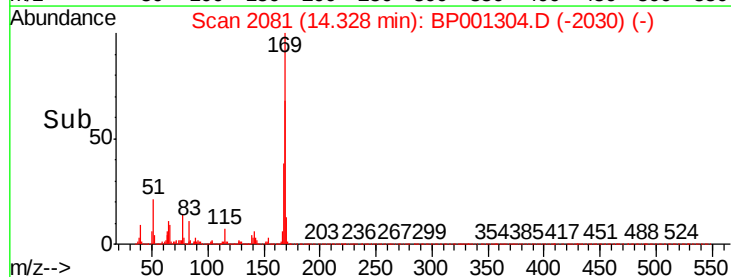
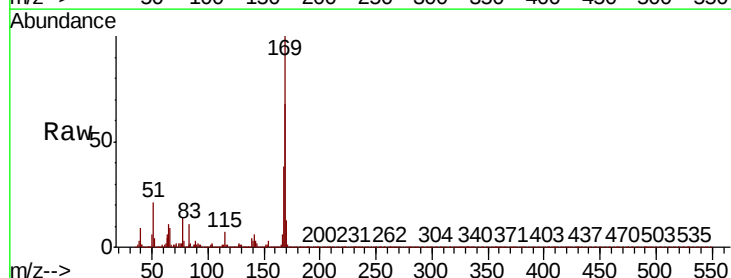
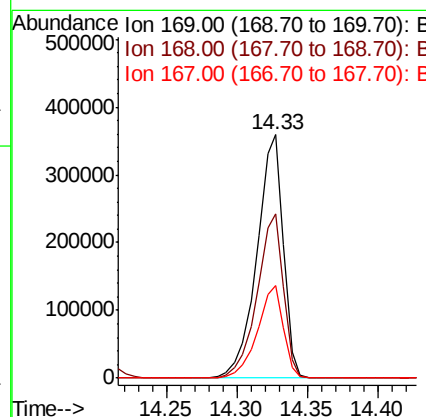
RT: 14.33 min Scan# 2081

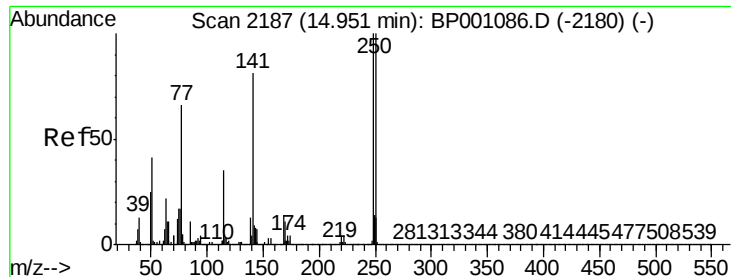
Delta R.T. -0.00 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Tgt Ion:	169	Resp:	472461
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.7	80.5
167	37.8	29.1	43.7





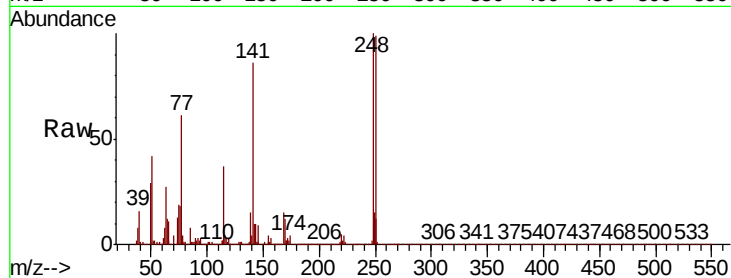
#67
4-Bromophenyl-phenylether
Concen: 51.607 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	77.6	116.4
141	86.0	74.6	111.8

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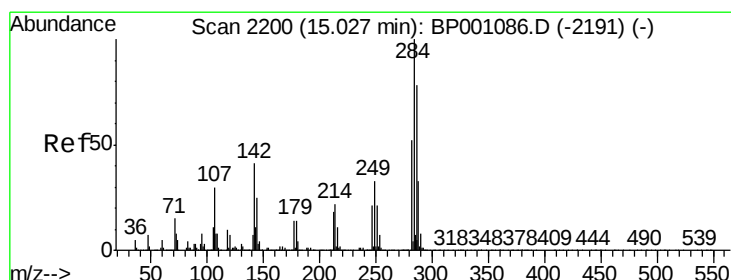
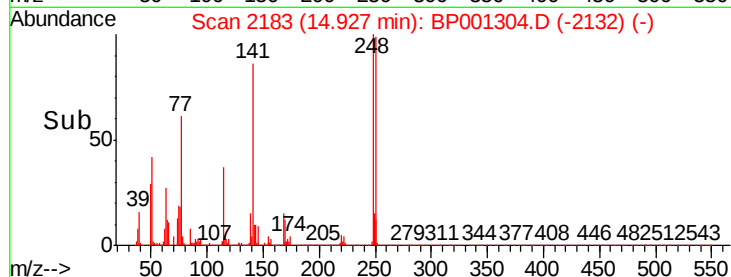
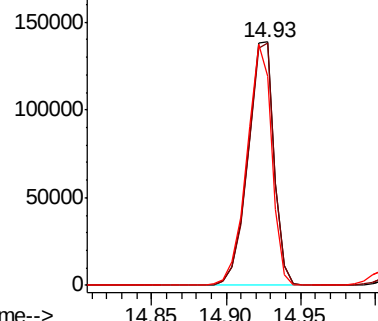


Abundance

Ion 248.00 (247.70 to 248.70): E

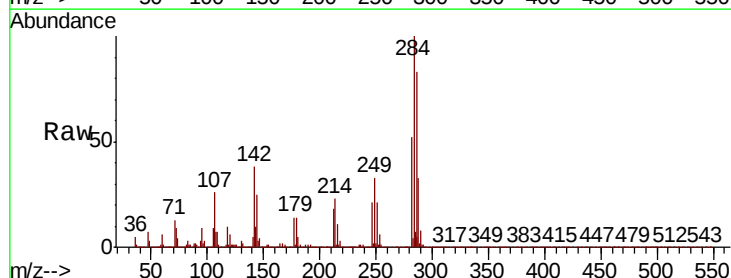
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 51.225 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	35.0	52.6
249	32.6	27.6	41.4

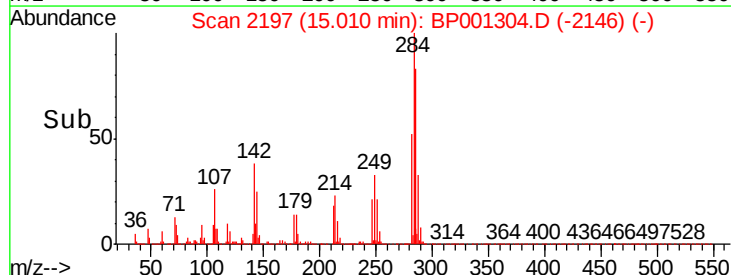
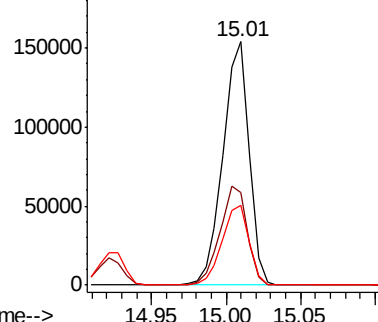


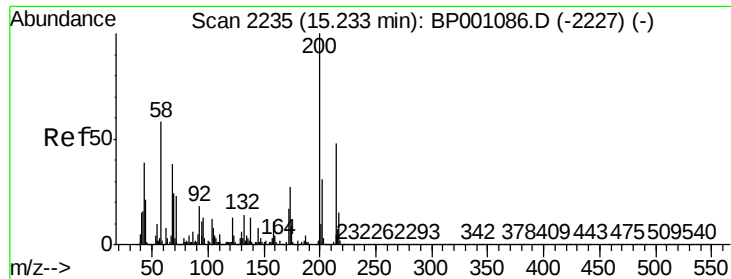
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





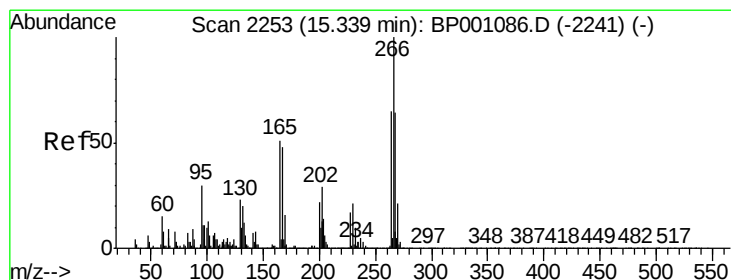
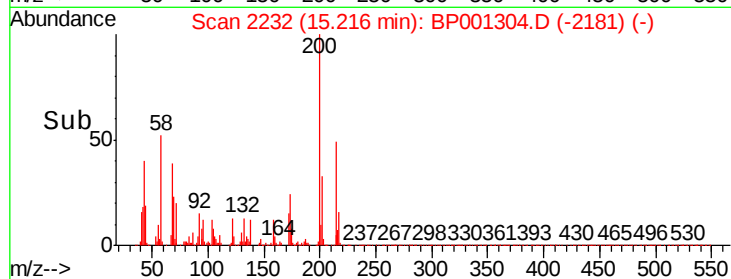
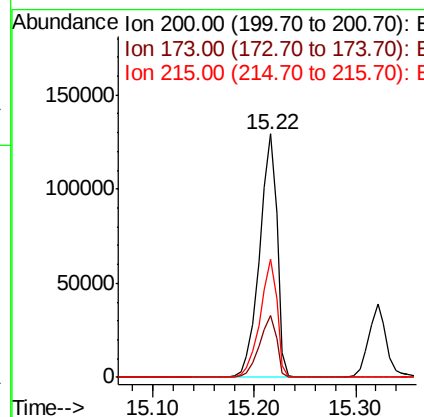
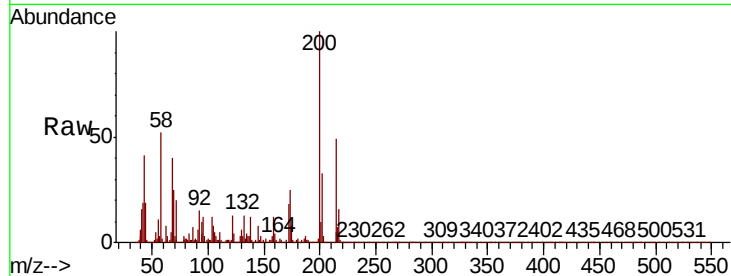
#69
Atrazine
Concen: 54.829 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.2	6.4	46.4
215	48.5	27.7	67.7

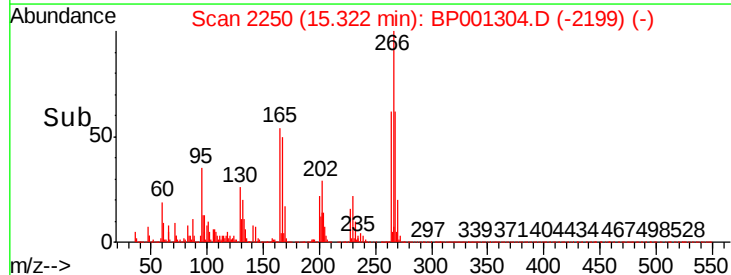
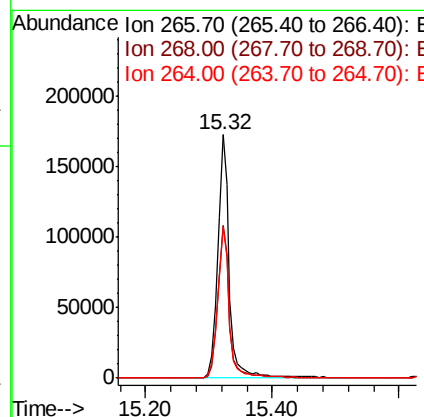
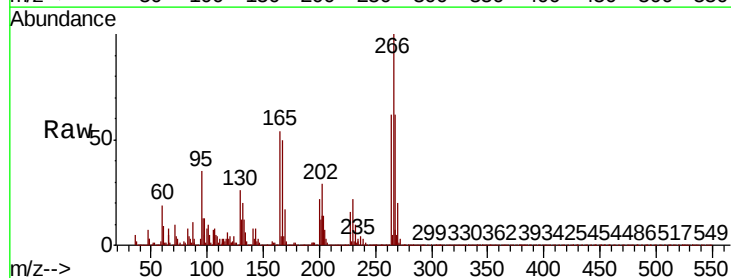
Manual Integrations
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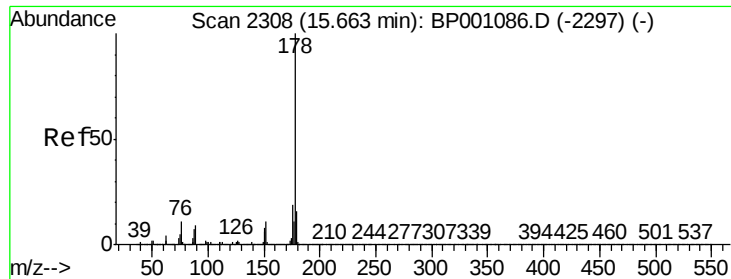
mohammad
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#70
Pentachlorophenol
Concen: 117.607 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.5	50.6	76.0
264	62.0	49.9	74.9





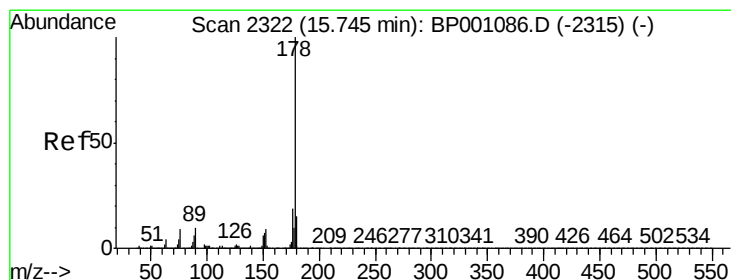
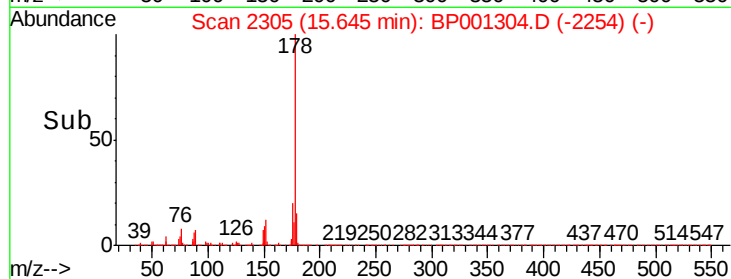
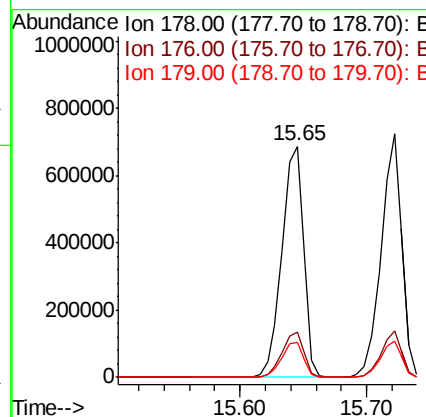
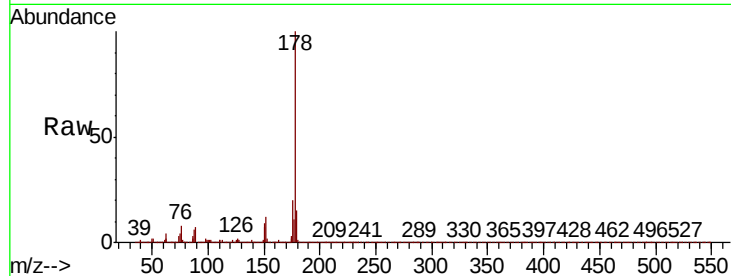
#71
Phenanthrene
Concen: 51.069 ng
RT: 15.65 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.0	12.4	18.6

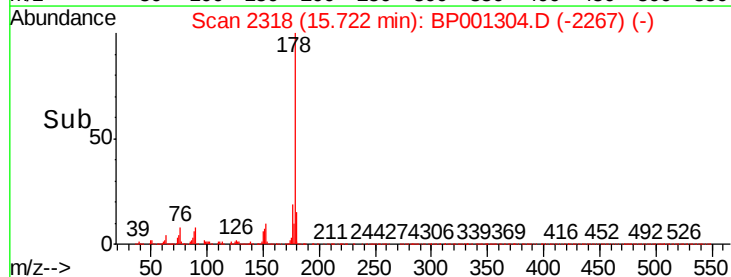
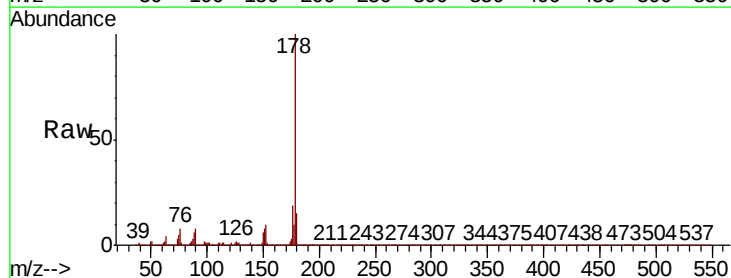
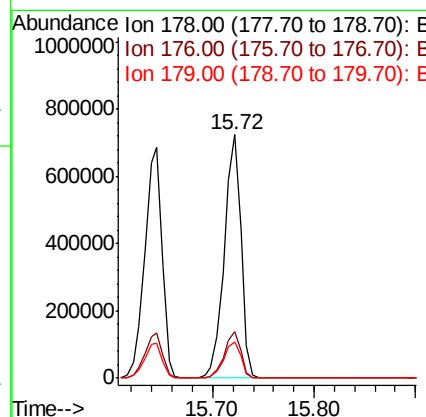
Manual Integrations
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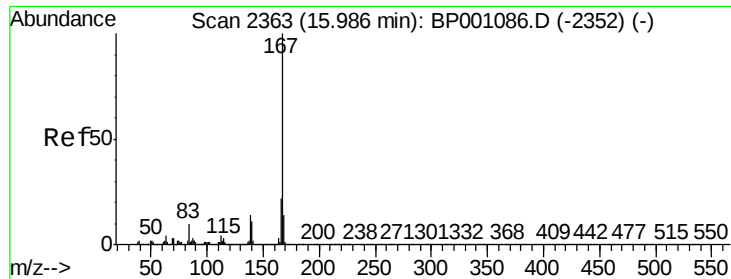
mohammad
12/11/2019 12:31:06 PM



#72
Anthracene
Concen: 52.513 ng
RT: 15.72 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.2	12.7	19.1





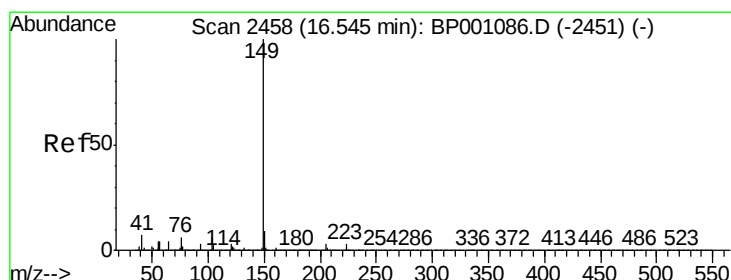
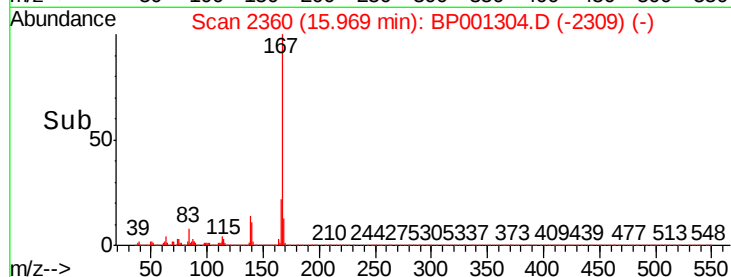
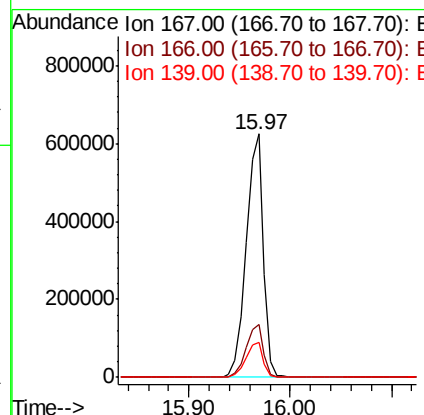
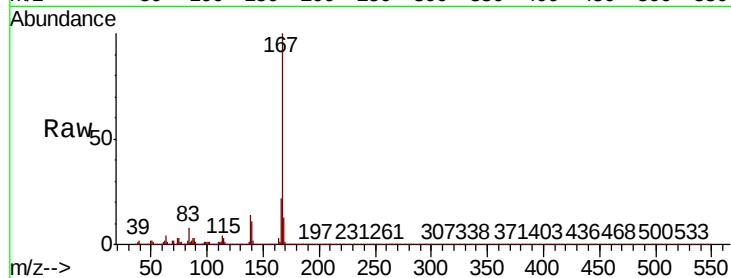
#73
 Carbazole
 Concen: 50.960 ng
 RT: 15.97 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BP001304.D
 Acq: 10 Dec 2019 19:55

Instrument :
 BNA_P
 ClientSampleId :
 CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	14.2	11.4	17.0

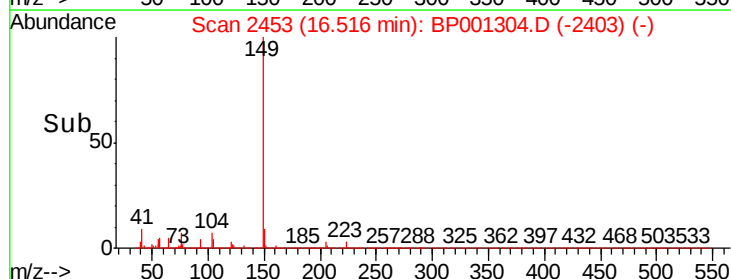
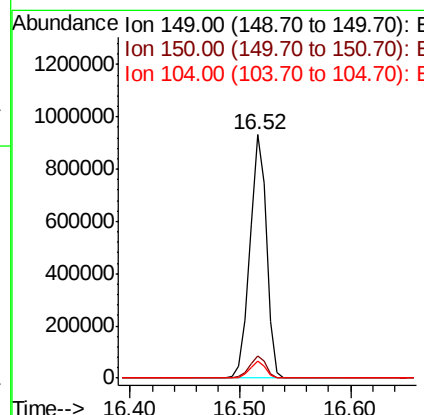
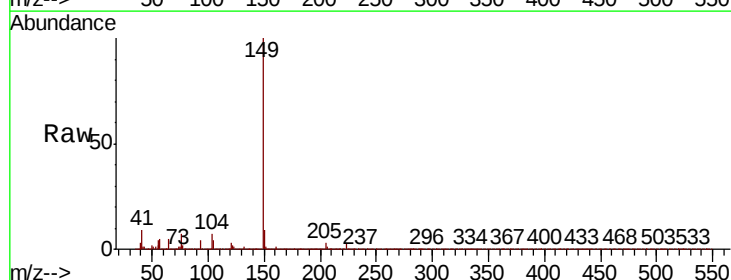
Manual Integrations
 APPROVED

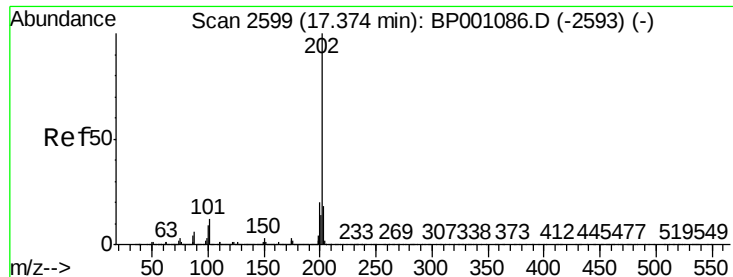
mohammad
 12/11/2019 12:31:06 PM



#74
 Di-n-butylphthalate
 Concen: 51.132 ng
 RT: 16.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BP001304.D
 Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	6.9	5.0	7.4





#75

Fluoranthene

Concen: 52.782 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Instrument :

BNA_P

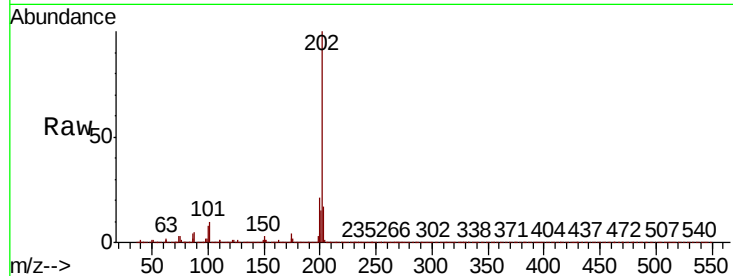
ClientSampleId :

CL-01-120619MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	891883		
101	9.7	0.0	30.0	
203	17.4	0.0	37.1	

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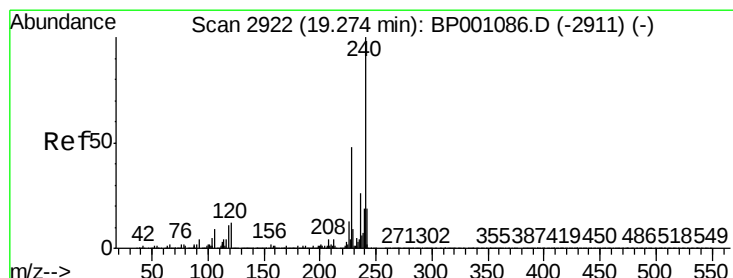
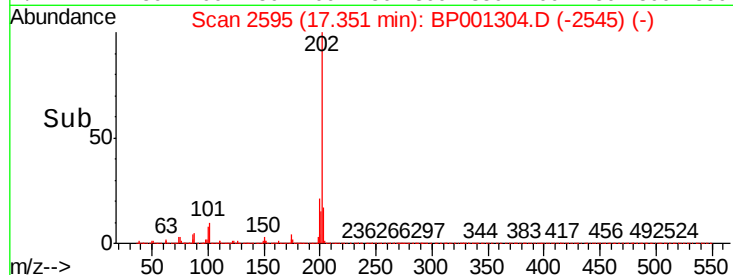
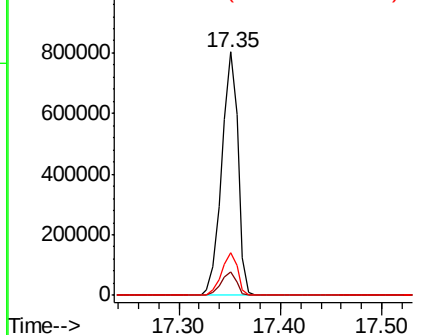


Abundance

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

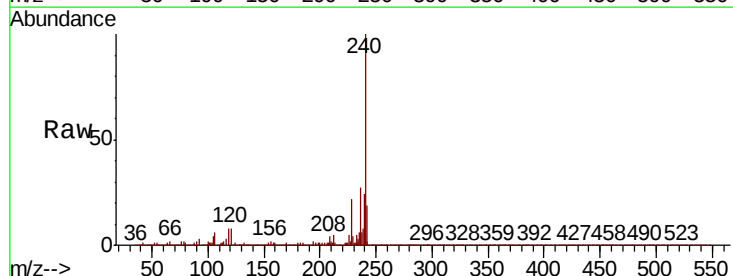
RT: 19.25 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	225271		
120	7.7	7.0	10.6	
236	27.0	21.7	32.5	

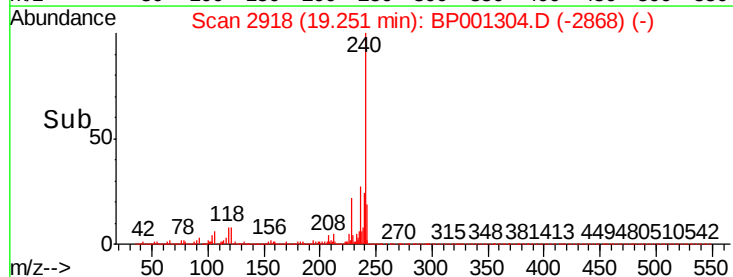
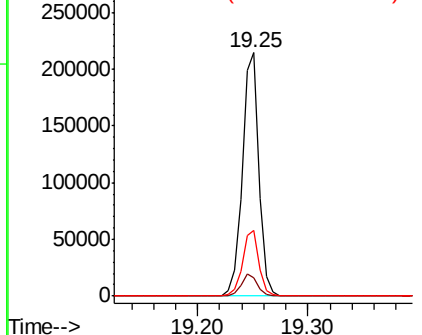


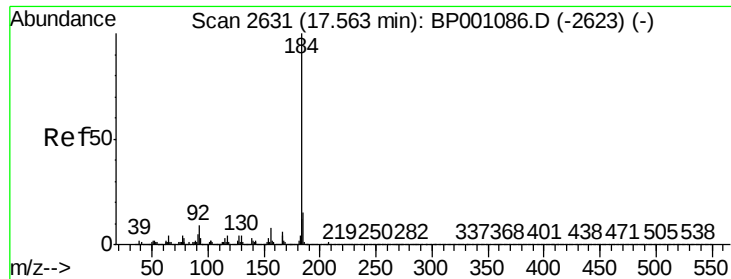
Abundance

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: 9.538 ng

RT: 17.53 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Instrument :

BNA_P

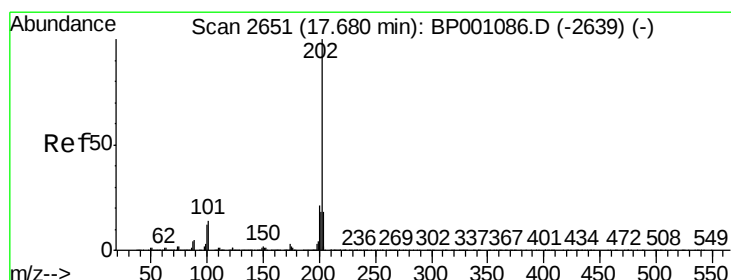
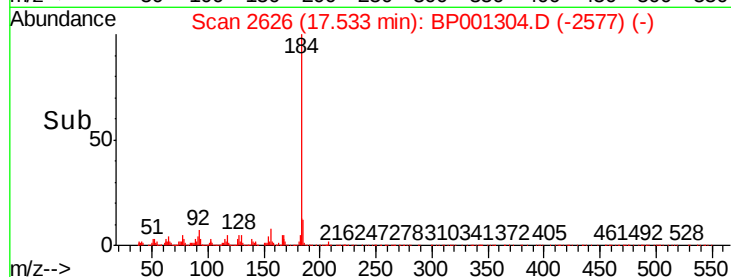
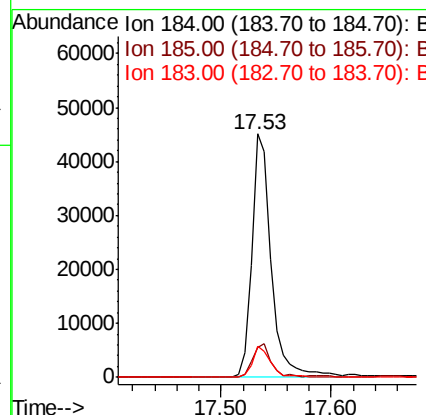
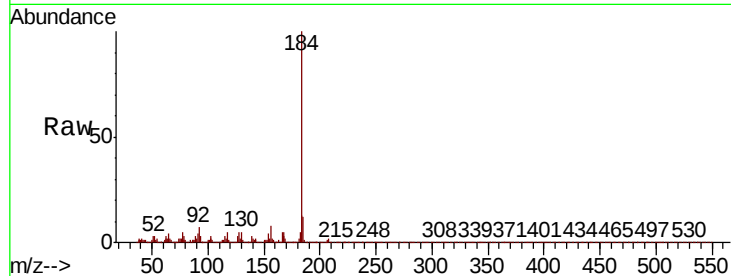
ClientSampleId :

CL-01-120619MSD

Tot Ion:	184	Resp:	55477
Ion Ratio	Lower	Upper	
184	100		
185	12.2	11.4	17.0
183	12.5	9.0	13.4

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#78

Pyrene

Concen: 50.033 ng

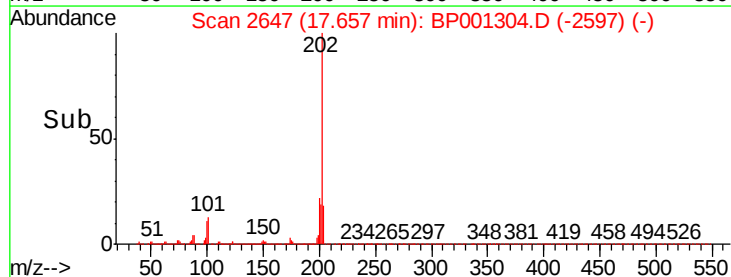
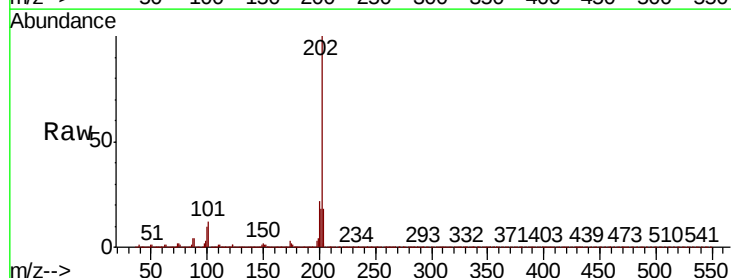
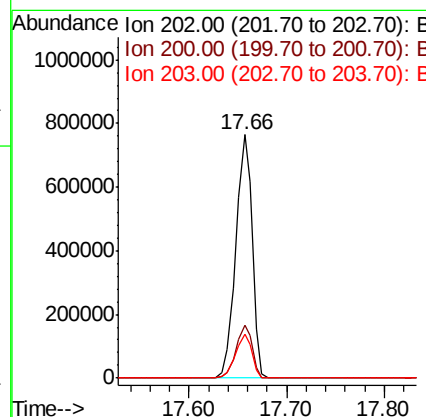
RT: 17.66 min Scan# 2647

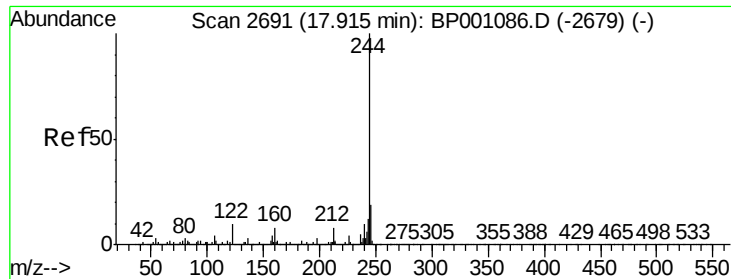
Delta R.T. -0.01 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Tgt Ion:	202	Resp:	887736
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.3	25.9
203	18.0	13.8	20.8





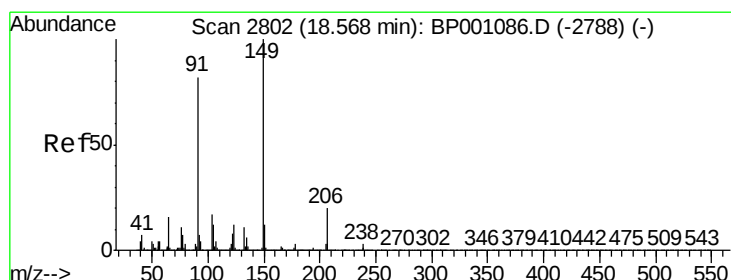
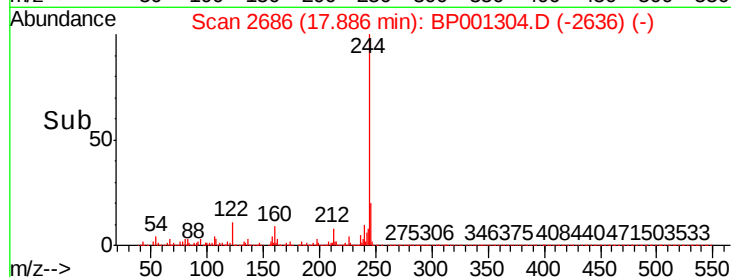
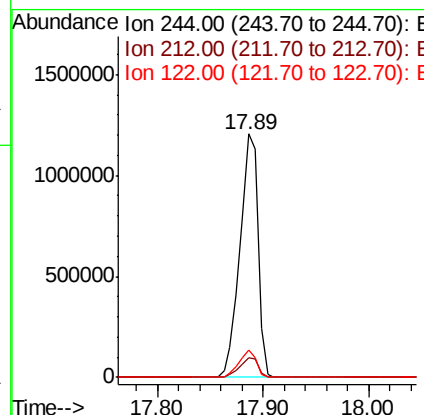
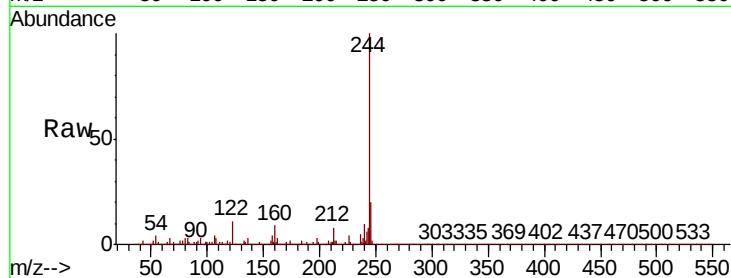
#79
 Terphenyl-d14
 Concen: 115.923 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.01 min
 Lab File: BP001304.D
 Acq: 10 Dec 2019 19:55

Instrument :
 BNA_P
 ClientSampleId :
 CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	11.3	9.2	13.8

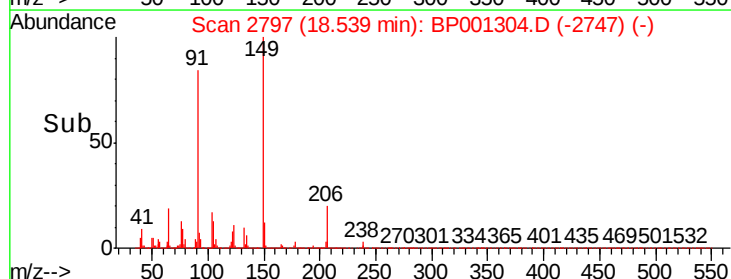
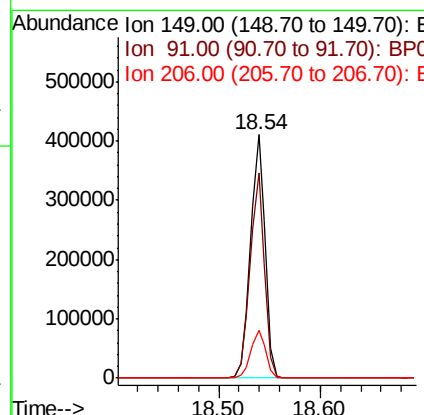
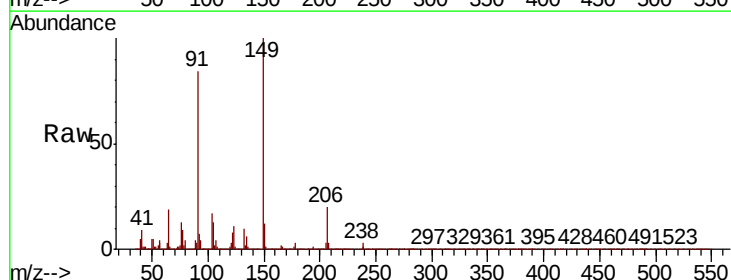
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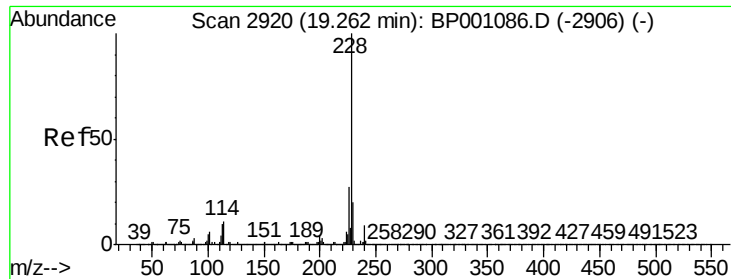
mohammad
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#80
 Butylbenzylphthalate
 Concen: 50.122 ng
 RT: 18.54 min Scan# 2797
 Delta R.T. -0.01 min
 Lab File: BP001304.D
 Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	84.4	67.4	101.2
206	19.7	15.0	22.4





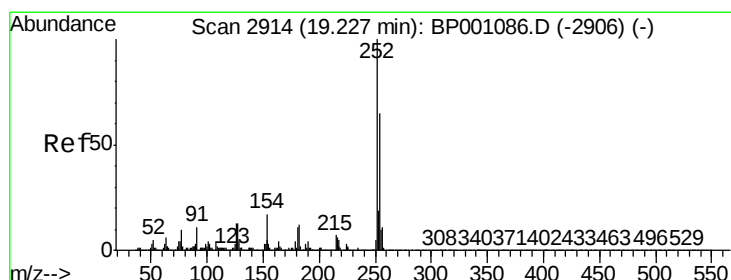
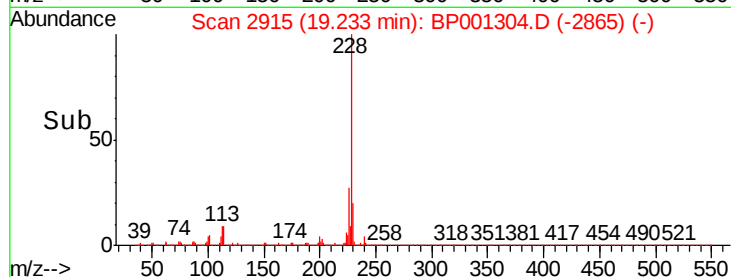
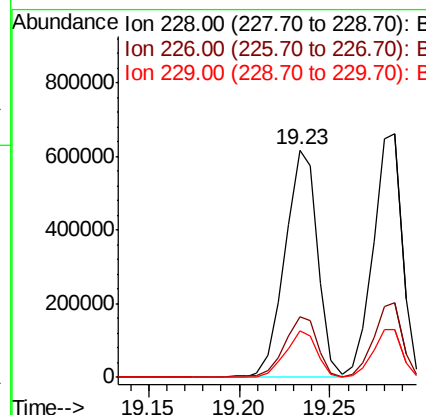
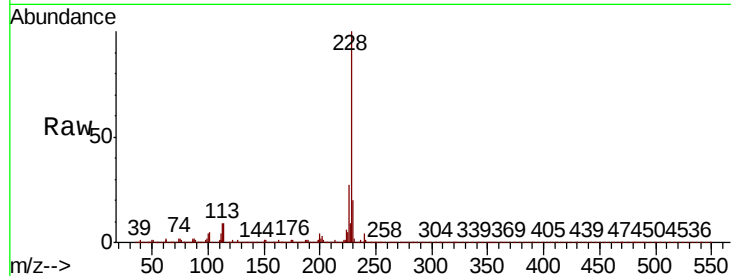
#81
Benzo(a)anthracene
Concen: 49.634 ng
RT: 19.23 min Scan# 2915
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	20.3	15.8	23.6

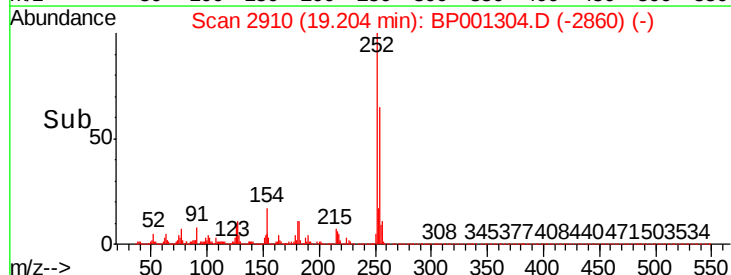
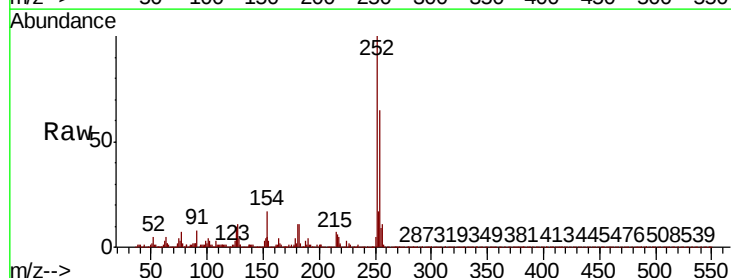
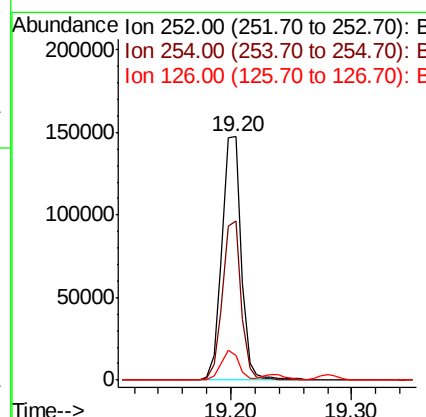
Manual Integrations
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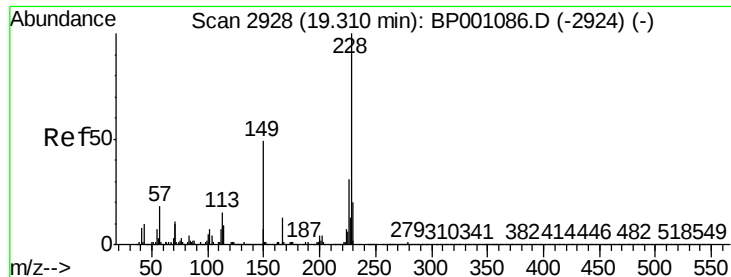
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#82
3,3'-Dichlorobenzidine
Concen: 31.638 ng
RT: 19.20 min Scan# 2910
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.3	78.5
126	10.2	9.4	14.2





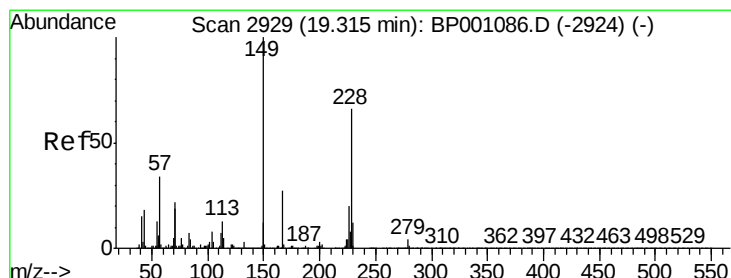
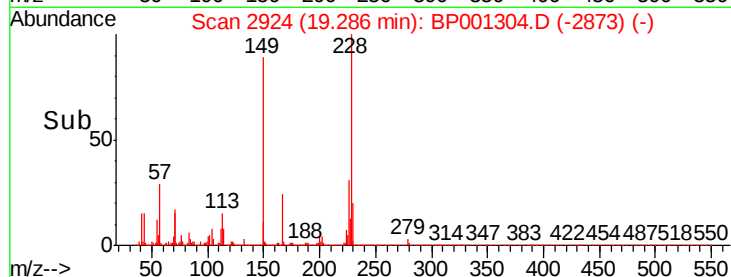
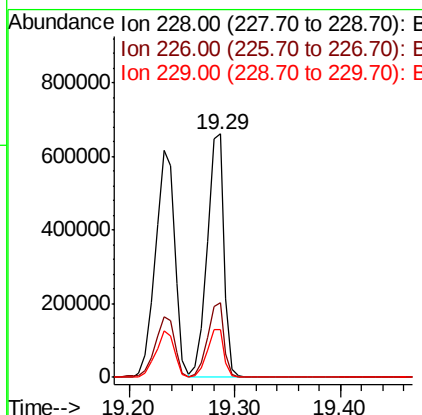
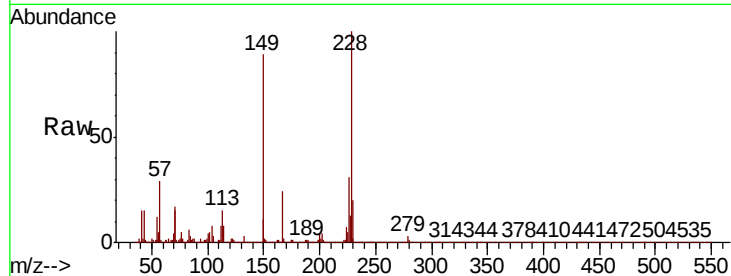
#83
Chrysene
Concen: 52.602 ng
RT: 19.29 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.7	35.5
229	19.7	15.2	22.8

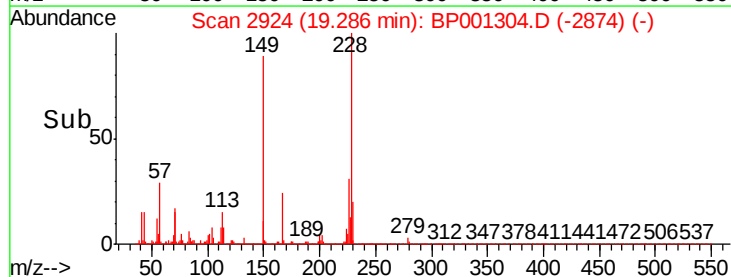
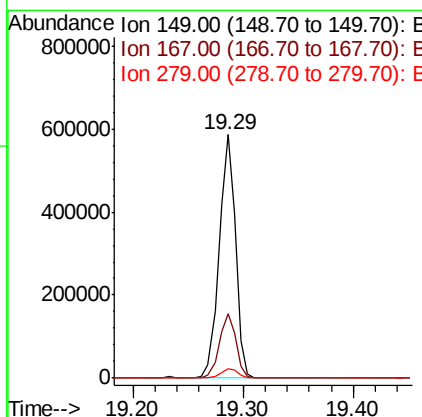
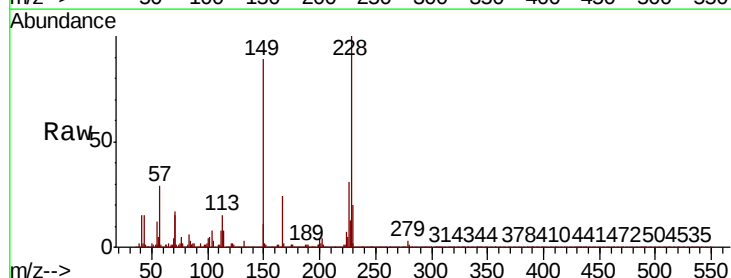
Manual Integrations
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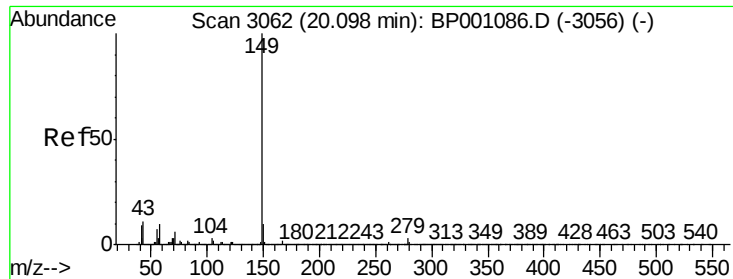
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#84
Bis(2-ethylhexyl)phthalate
Concen: 53.186 ng
RT: 19.29 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.8	31.2
279	3.7	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 49.789 ng

RT: 20.07 min Scan# 3057

Delta R.T. -0.01 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Instrument :

BNA_P

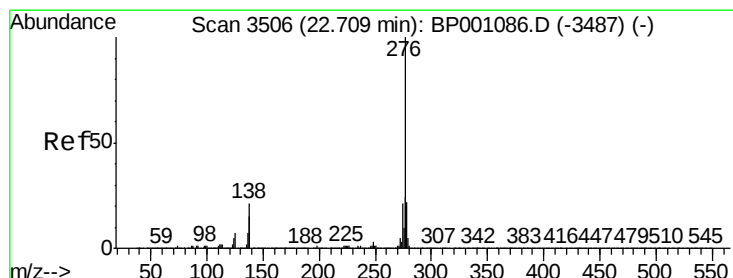
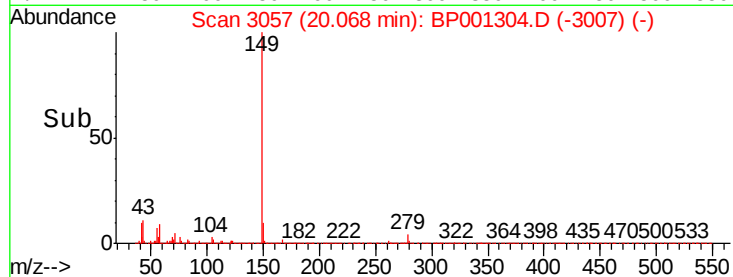
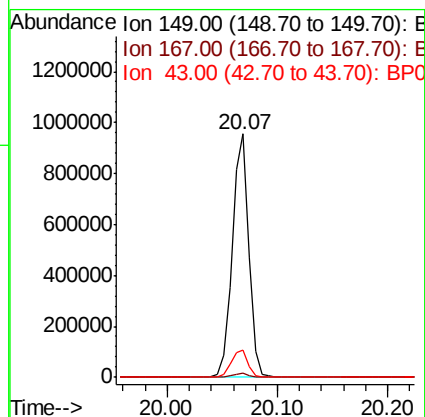
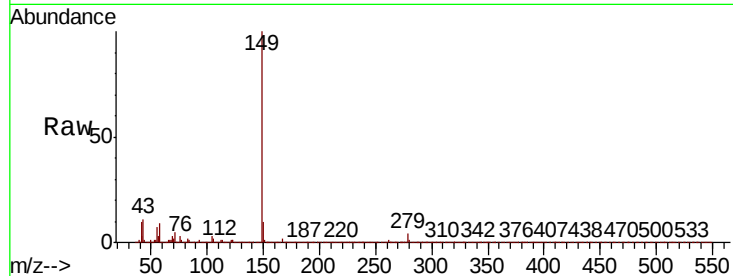
ClientSampleId :

CL-01-120619MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		996538		
167	1.6		1.3	1.9	
43	11.6		9.1	13.7	

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 46.259 ng

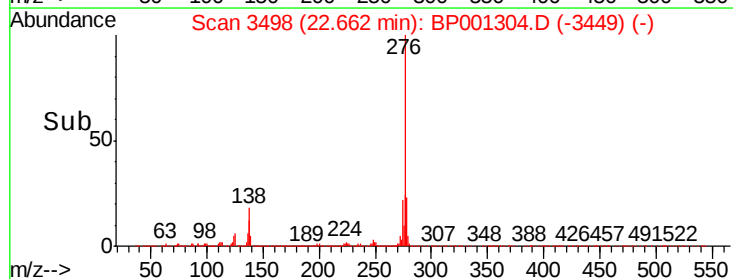
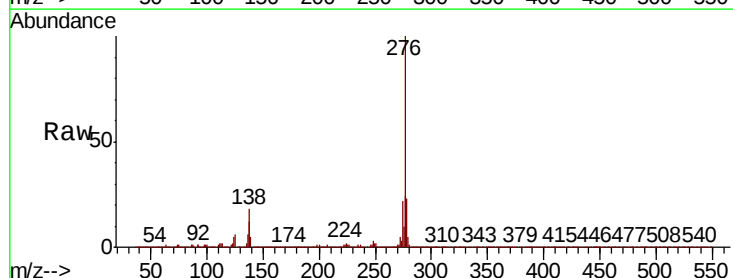
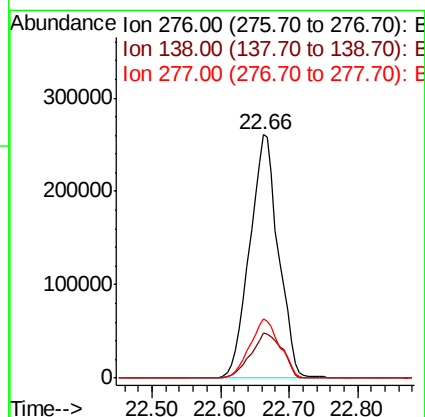
RT: 22.66 min Scan# 3498

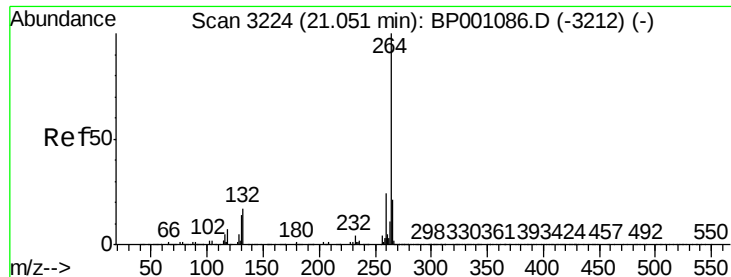
Delta R.T. -0.01 min

Lab File: BP001304.D

Acq: 10 Dec 2019 19:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		762488		
138	20.3		17.9	26.9	
277	25.4		20.1	30.1	





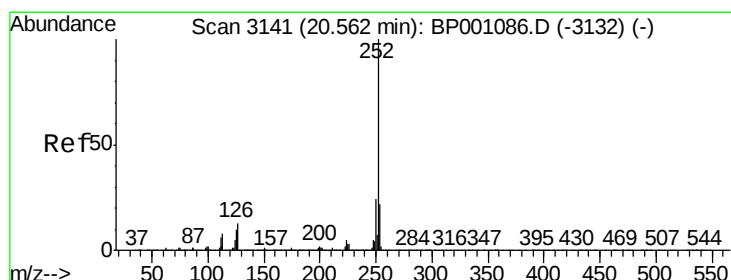
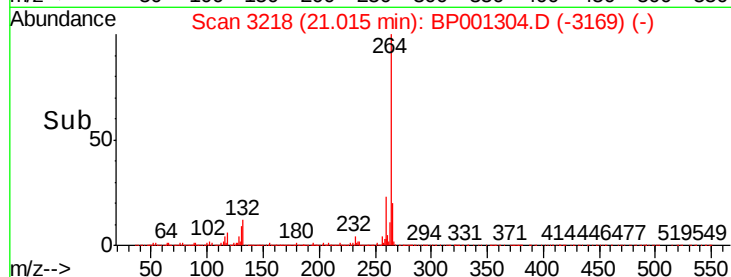
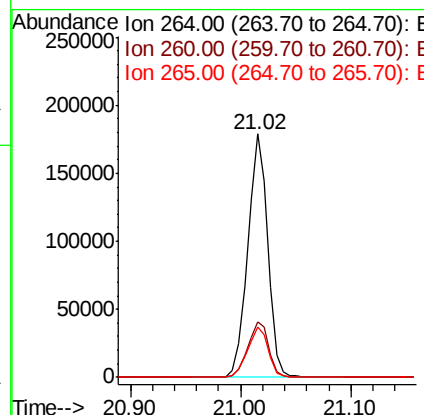
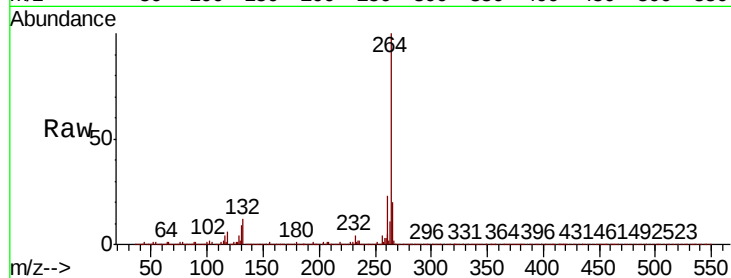
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.0
265	20.5	17.1	25.7

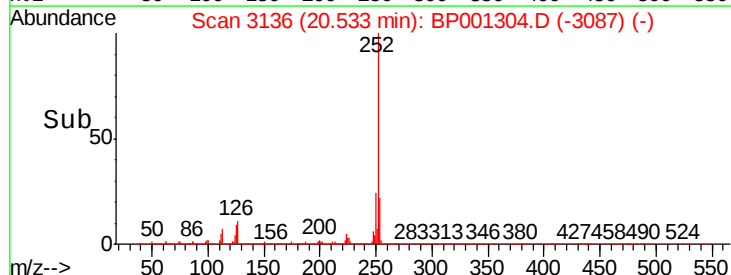
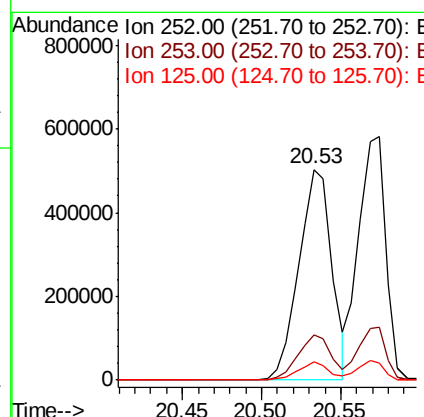
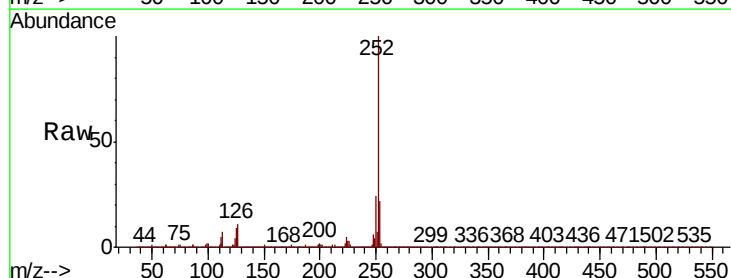
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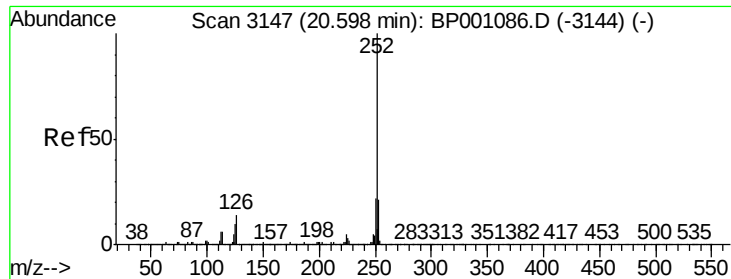
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#88
Benzo(b)fluoranthene
Concen: 52.017 ng
RT: 20.53 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	8.6	6.6	9.8





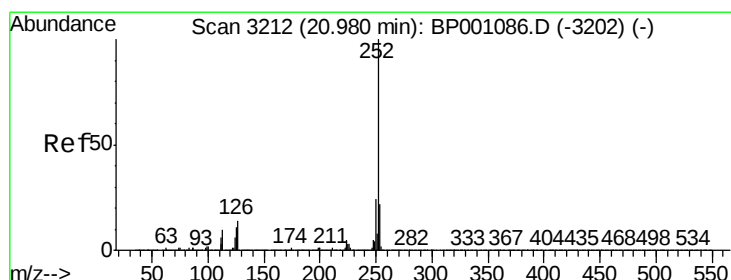
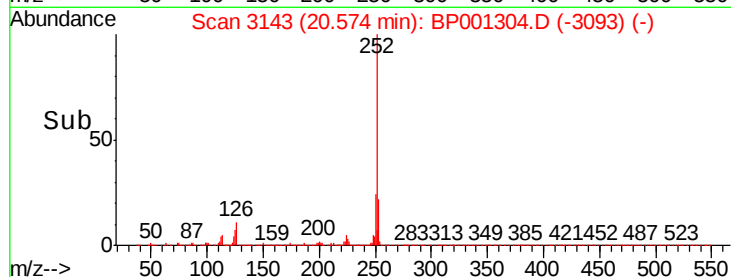
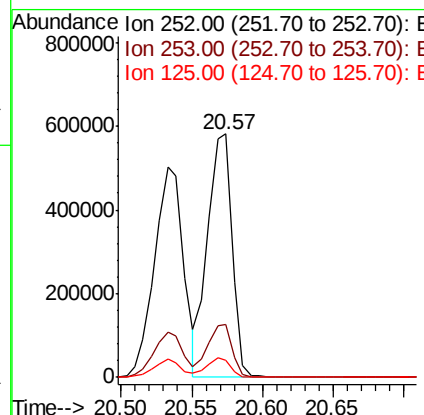
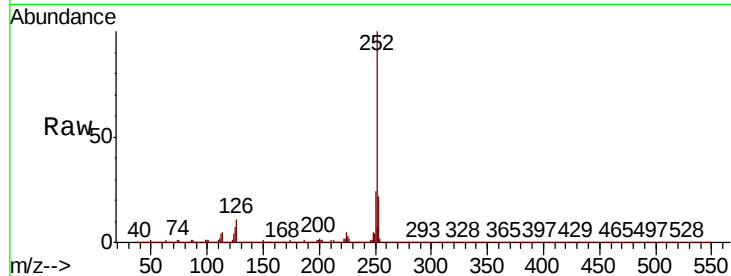
#89
Benzo(k)fluoranthene
Concen: 52.541 ng
RT: 20.57 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	7.1	6.2	9.4

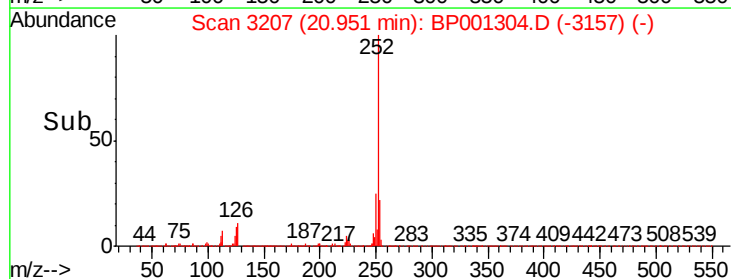
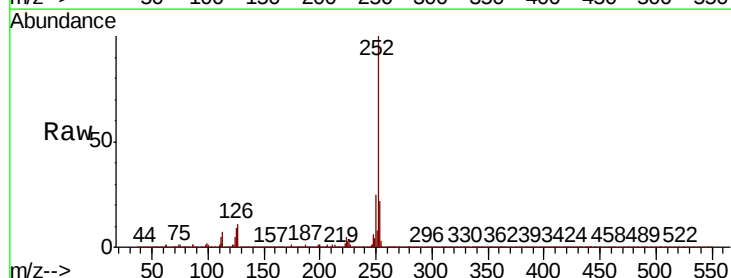
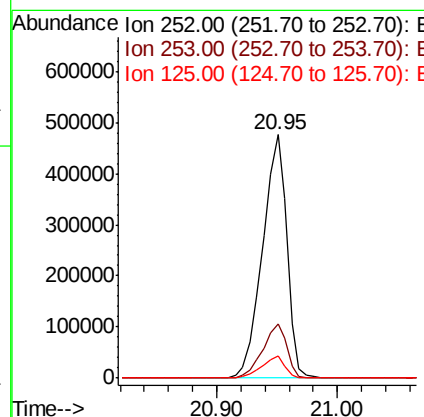
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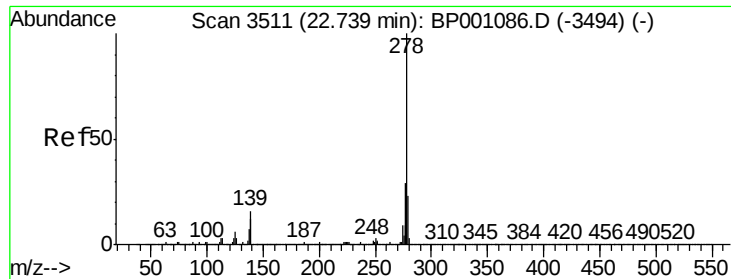
mohammad
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#90
Benzo(a)pyrene
Concen: 52.536 ng
RT: 20.95 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.8	25.2
125	8.9	7.8	11.6





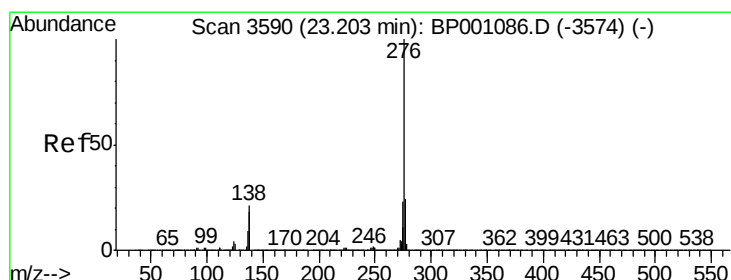
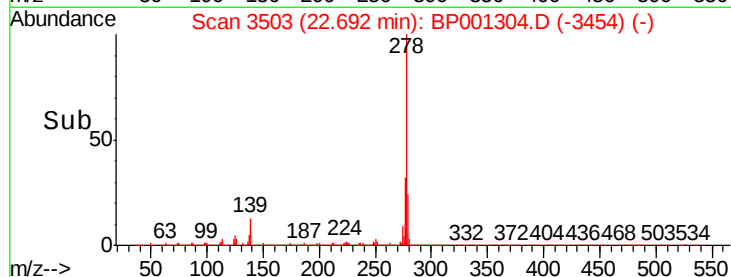
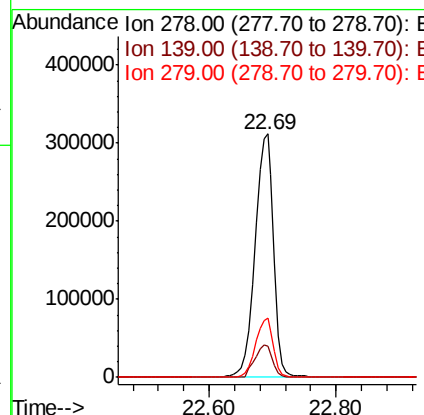
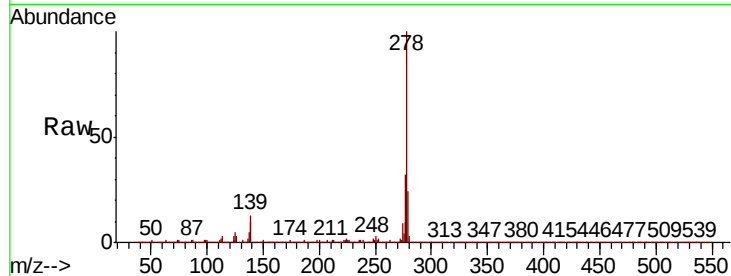
#91
Dibenzo(a,h)anthracene
Concen: 51.438 ng
RT: 22.69 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Tot Ion:278	Resp:	642452
Ion Ratio	Lower	Upper
278	100	
139	12.9	11.6 17.4
279	24.1	18.7 28.1

Manual Integrations
APPROVED

mohammad
12/11/2019 12:31:06 PM



#92
Benzo(g,h,i)perylene
Concen: 49.739 ng
RT: 23.15 min Scan# 3581
Delta R.T. -0.02 min
Lab File: BP001304.D
Acq: 10 Dec 2019 19:55

Tgt Ion:276	Resp:	613439
Ion Ratio	Lower	Upper
276	100	
277	23.1	18.6 28.0
138	17.2	15.6 23.4

