

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001303.D
 Acq On : 10 Dec 2019 19:24
 Operator : JU
 Sample : K6111-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-01-120619MS

Manual Integrations
 APPROVED

mohammad
 12/11/2019 12:31:04 PM

Quant Time: Dec 11 04:53:29 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	64629	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	231102	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	135082	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	265099	20.00	ng	0.00
76) Chrysene-d12	19.25	240	201906	20.00	ng	-0.01
87) Perylene-d12	21.02	264	209284	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	532979	136.82	ng	0.02
7) Phenol-d6	7.77	99	677974	130.64	ng	0.00
23) Nitrobenzene-d5	9.19	82	564307	105.94	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	242240	187.09	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	1006005	109.00	ng	0.00
79) Terphenyl-d14	17.89	244	1213158	111.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	66938	36.788	ng	98
3) Pyridine	3.50	79	149576	29.625	ng	97
4) n-Nitrosodimethylamine	3.40	42	124406	56.941	ng	# 77
6) Aniline	7.79	93	174455	25.353	ng	# 1
8) 2-Chlorophenol	7.98	128	195550	48.519	ng	97
9) Benzaldehyde	7.60	77	58429	14.988	ng	96
10) Phenol	7.79	94	243032	41.170	ng	96
11) bis(2-Chloroethyl)ether	7.92	93	205362	44.675	ng	99
12) 1,3-Dichlorobenzene	8.22	146	206664	43.261	ng	95
13) 1,4-Dichlorobenzene	8.33	146	213808	44.430	ng	97
14) 1,2-Dichlorobenzene	8.58	146	205043	45.273	ng	99
15) Benzyl Alcohol	8.55	79	238092	55.889	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.78	45	319951	43.293	ng	99
17) 2-Methylphenol	8.73	107	168805	45.659	ng	95
18) Hexachloroethane	9.11	117	89072	44.743	ng	99
19) n-Nitroso-di-n-propylamine	8.98	70	184511	49.271	ng	98
20) 3+4-Methylphenols	8.98	107	226811	48.668	ng	99
22) Acetophenone	8.96	105	344771	50.758	ng	# 96
24) Nitrobenzene	9.22	77	280635	52.982	ng	98
25) Isophorone	9.62	82	487758	51.065	ng	98
26) 2-Nitrophenol	9.73	139	102528	52.846	ng	95
27) 2,4-Dimethylphenol	9.83	122	180989	58.894	ng	96
28) bis(2-Chloroethoxy)methane	9.98	93	276026	46.058	ng	99
29) 2,4-Dichlorophenol	10.12	162	184227	52.671	ng	100
30) 1,2,4-Trichlorobenzene	10.26	180	204307	50.011	ng	98
31) Naphthalene	10.38	128	608821	51.582	ng	99
32) Benzoic acid	10.02	122	76406	34.390	ng	98
33) 4-Chloroaniline	10.47	127	93262	18.208	ng	98
34) Hexachlorobutadiene	10.60	225	138992	54.084	ng	96
35) Caprolactam	11.05	113	44685m	37.069	ng	
36) 4-Chloro-3-methylphenol	11.29	107	220558	53.185	ng	96
37) 2-Methylnaphthalene	11.51	142	427171	53.040	ng	98
38) 1-Methylnaphthalene	11.67	142	389333	51.174	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	230414	54.126	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001303.D
 Acq On : 10 Dec 2019 19:24
 Operator : JU
 Sample : K6111-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-01-120619MS

Manual Integrations
 APPROVED

mohammad
 12/11/2019 12:31:04 PM

Quant Time: Dec 11 04:53:29 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)
41) Hexachlorocyclopentadiene	11.78	237	272818	138.917	nq	99
43) 2,4,6-Trichlorophenol	11.97	196	145176	52.230	nq	98
44) 2,4,5-Trichlorophenol	12.04	196	156801	54.446	nq	97
46) 1,1'-Biphenyl	12.28	154	540694	51.792	nq	99
47) 2-Chloronaphthalene	12.30	162	419413	50.296	nq	99
48) 2-Nitroaniline	12.47	65	167021	51.105	nq	97
49) Acenaphthylene	12.97	152	654668	52.375	nq	100
50) Dimethylphthalate	12.80	163	516227	51.097	nq	100
51) 2,6-Dinitrotoluene	12.89	165	110715	51.194	nq	96
52) Acenaphthene	13.26	154	384266	51.106	nq	99
53) 3-Nitroaniline	13.14	138	62143	25.580	nq	99
54) 2,4-Dinitrophenol	13.32	184	57516	66.433	nq	91
55) Dibenzofuran	13.55	168	609948	53.984	nq	99
56) 4-Nitrophenol	13.45	139	146595	85.156	nq	91
57) 2,4-Dinitrotoluene	13.54	165	150865	55.653	nq	# 88
58) Fluorene	14.11	166	486324	53.716	nq	100
59) 2,3,4,6-Tetrachlorophenol	13.75	232	132608	56.015	nq	100
60) Diethylphthalate	13.97	149	534668	51.111	nq	98
61) 4-Chlorophenyl-phenylether	14.13	204	249235	54.060	nq	99
62) 4-Nitroaniline	12.47	138	129607	46.015	nq	94
63) Azobenzene	14.39	77	584822	51.720	nq	96
65) 4,6-Dinitro-2-methylphenol	14.21	198	49734	44.299	nq	94
66) n-Nitrosodiphenylamine	14.32	169	413737	51.365	nq	99
67) 4-Bromophenyl-phenylether	14.92	248	148425	51.571	nq	98
68) Hexachlorobenzene	15.01	284	159315	50.351	nq	96
69) Atrazine	15.22	200	135642	55.153	nq	96
70) Pentachlorophenol	15.32	266	183532	111.290	nq	100
71) Phenanthrene	15.65	178	725020	52.021	nq	98
72) Anthracene	15.72	178	735012	53.506	nq	99
73) Carbazole	15.96	167	637688	51.015	nq	99
74) Di-n-butylphthalate	16.52	149	852387	50.717	nq	99
75) Fluoranthene	17.35	202	780696	52.912	nq	99
77) Benzidine	17.54	184	224460	43.057	nq	100
78) Pyrene	17.66	202	791182	49.752	nq	100
80) Butylbenzylphthalate	18.54	149	359647	48.964	nq	96
81) Benzo(a)anthracene	19.23	228	688329	49.170	nq	100
82) 3,3'-Dichlorobenzidine	19.20	252	158408	34.253	nq	96
83) Chrysene	19.28	228	661481	52.768	nq	98
84) Bis(2-ethylhexyl)phthalate	19.29	149	518402	51.334	nq	98
85) Di-n-octyl phthalate	20.06	149	871726	48.593	nq	100
86) Indeno(1,2,3-cd)pyrene	22.66	276	697981	47.246	nq	97
88) Benzo(b)fluoranthene	20.53	252	673666	52.700	nq	99
89) Benzo(k)fluoranthene	20.57	252	613835	49.857	nq	99
90) Benzo(a)pyrene	20.95	252	612381	52.009	nq	98
91) Dibenzo(a,h)anthracene	22.69	278	580805	50.406	nq	98
92) Benzo(g,h,i)perylene	23.15	276	561873	49.383	nq	97

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

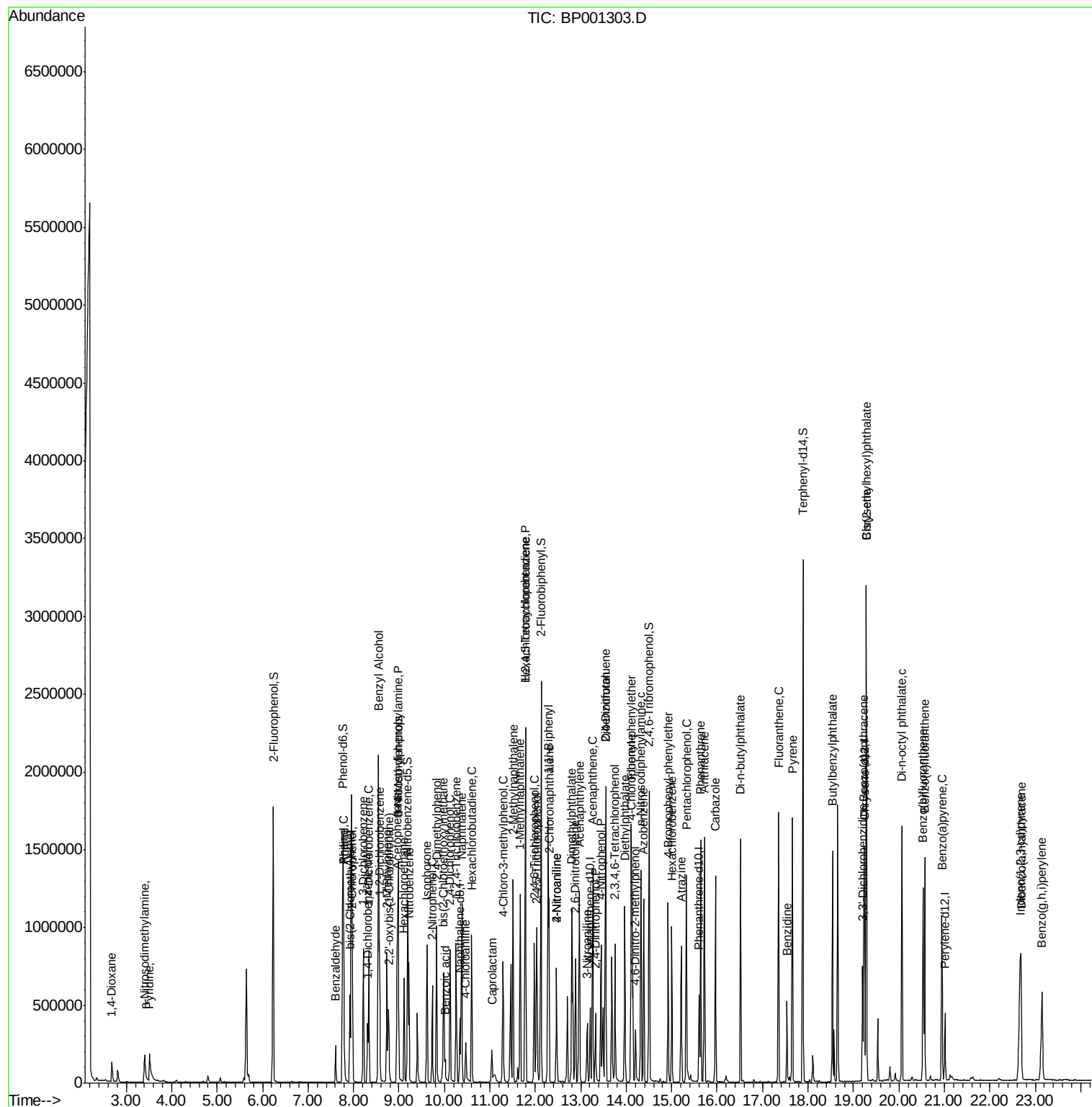
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
Data File : BP001303.D
Acq On : 10 Dec 2019 19:24
Operator : JU
Sample : K6111-08MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

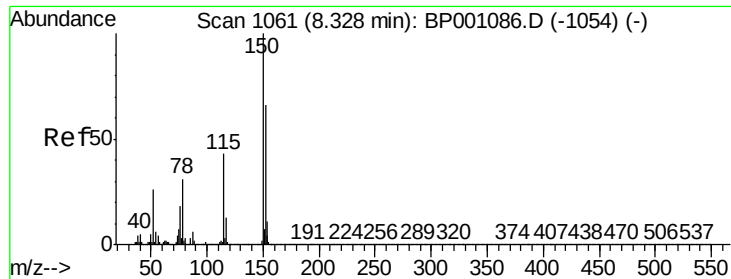
Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Manual Integrations
APPROVED

mohammad
12/11/2019 12:31:04 PM

Quant Time: Dec 11 04:53:29 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





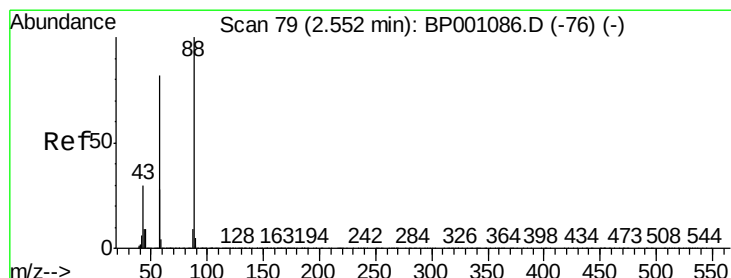
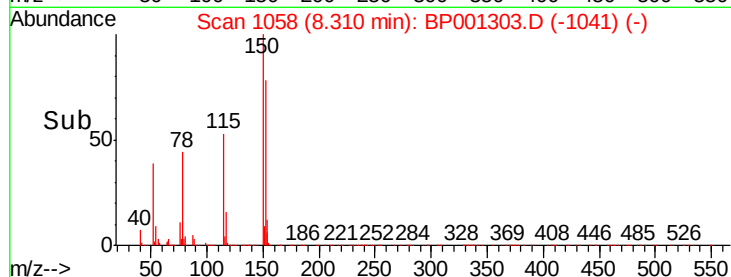
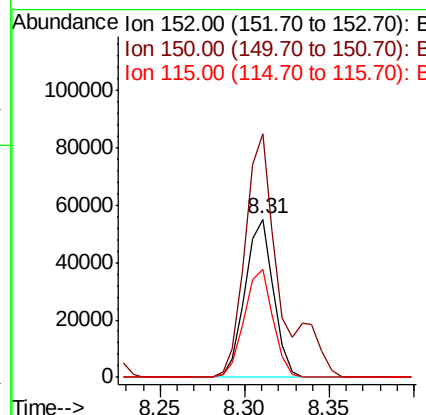
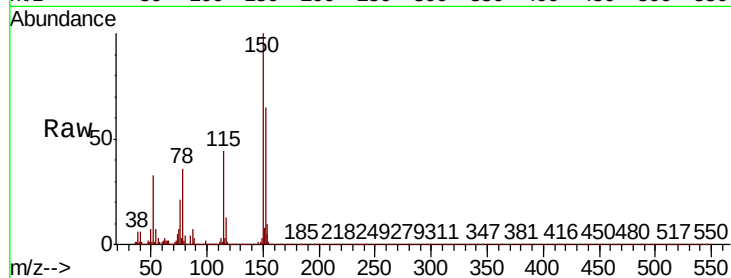
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	127.3	190.9
115	68.0	56.0	84.0

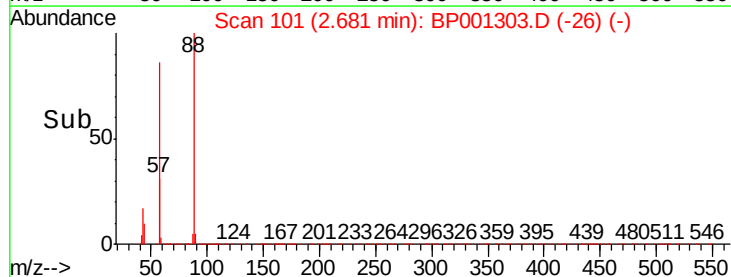
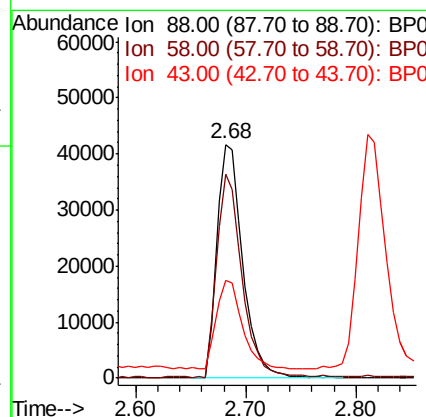
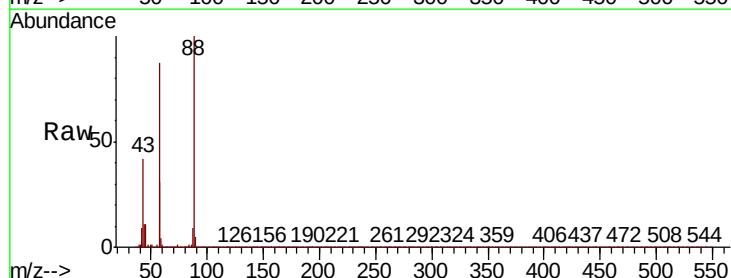
Manual Integrations
APPROVED

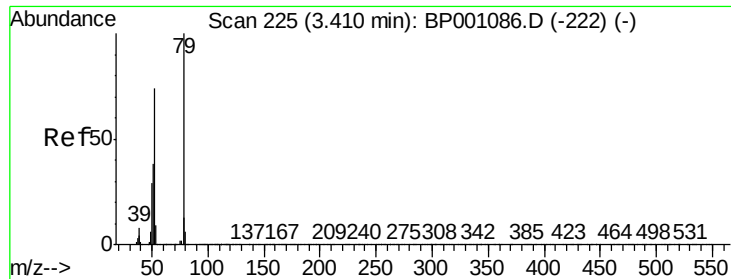
mohammad
12/11/2019 12:31:04 PM



#2
1,4-Dioxane
Concen: 36.788 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.14 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.5	67.8	101.6
43	38.0	28.0	42.0





#3

Pvridine

Concen: 29.625 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.12 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

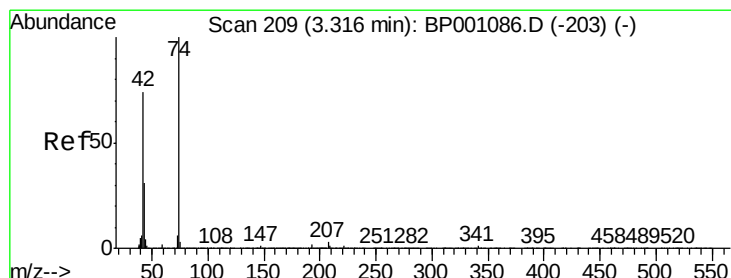
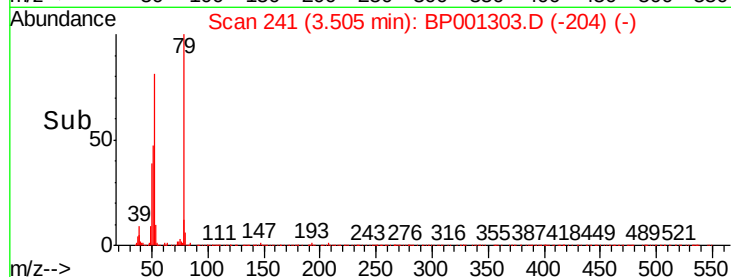
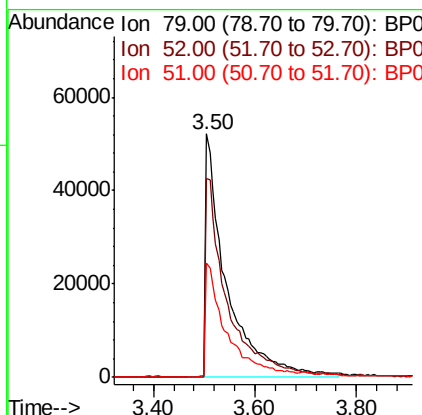
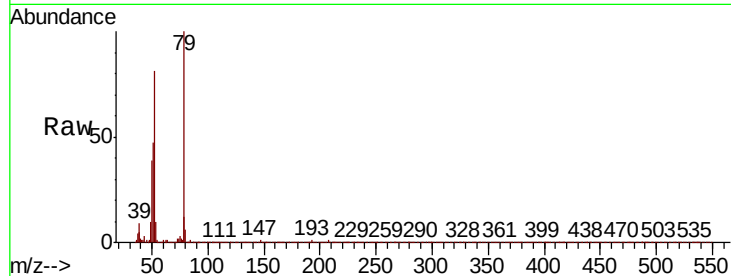
ClientSampleId :

CL-01-120619MS

Tot Ion:	79	Resp:	149576
Ion Ratio	Lower	Upper	
79	100		
52	81.5	65.1	97.7
51	46.9	32.7	49.1

Manual Integrations
APPROVED

mohammad
12/11/2019 12:31:04 PM



#4

n-Nitrosodimethylamine

Concen: 56.941 ng

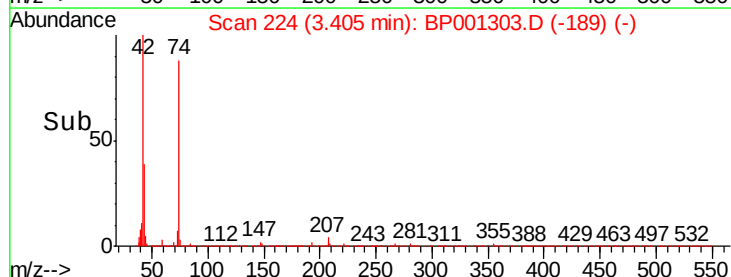
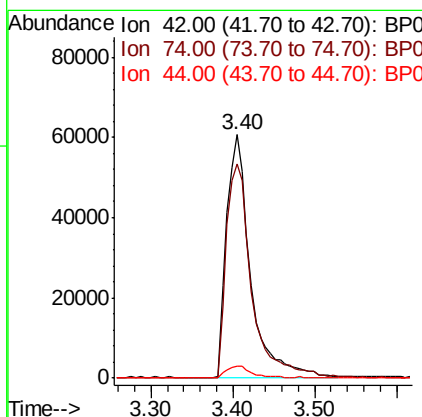
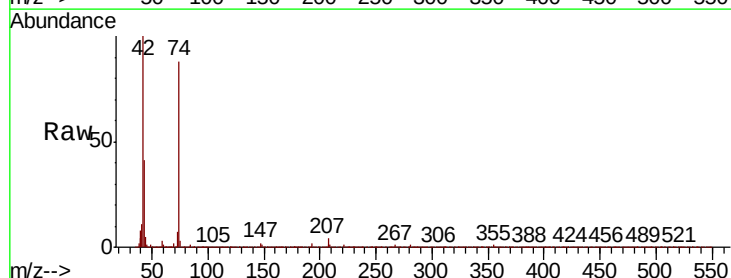
RT: 3.40 min Scan# 224

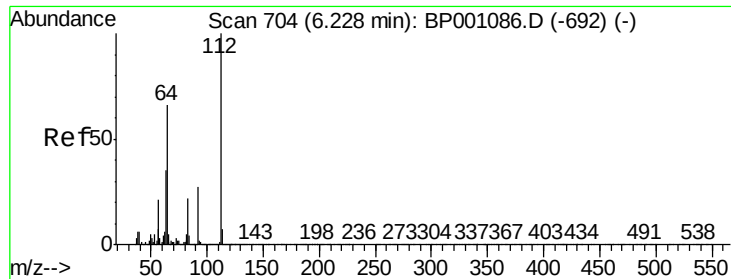
Delta R.T. 0.11 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Tgt Ion:	42	Resp:	124406
Ion Ratio	Lower	Upper	
42	100		
74	88.1	91.4	137.0#
44	4.7	4.9	7.3#





#5

2-Fluorophenol

Concen: 136.820 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.02 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

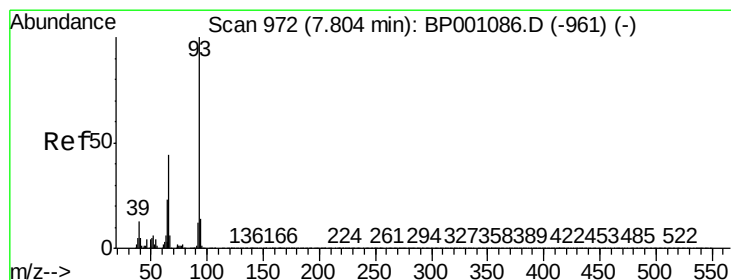
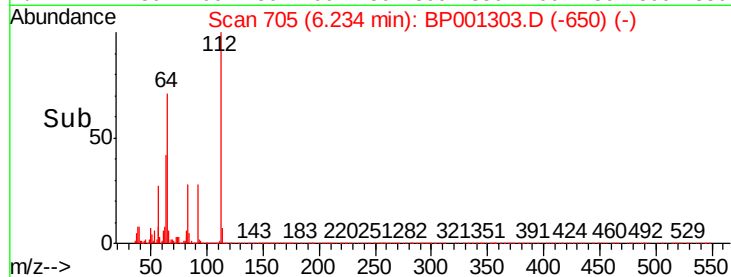
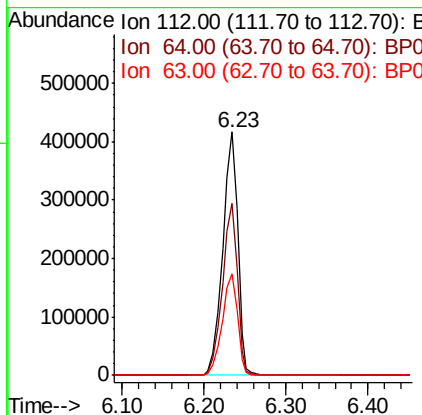
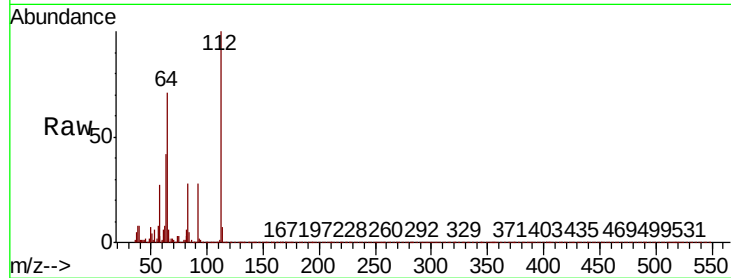
ClientSampleId :

CL-01-120619MS

Tot Ion:	112	Resp:	532979
Ion Ratio	Lower	Upper	
112	100		
64	70.6	56.8	85.2
63	41.5	32.2	48.2

Manual Integrations
APPROVED

mohammad
12/11/2019 12:31:04 PM



#6

Aniline

Concen: 25.353 ng

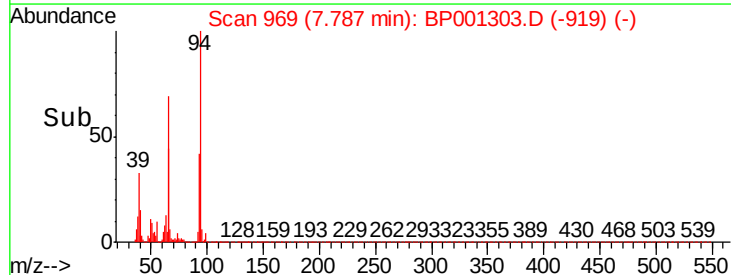
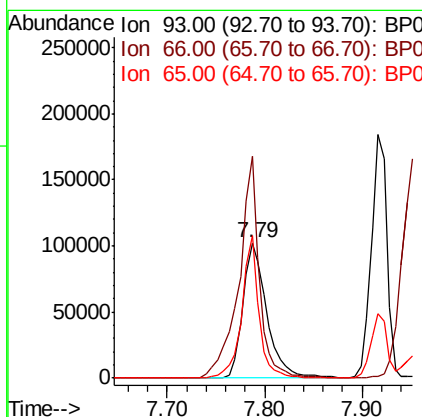
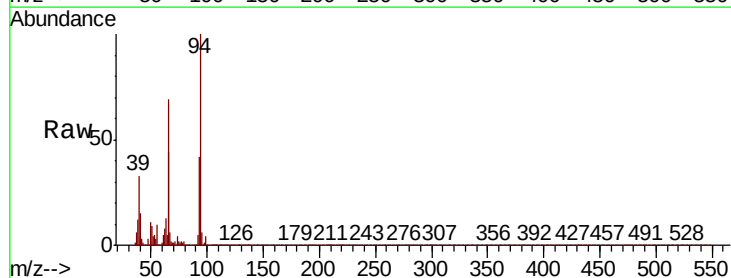
RT: 7.79 min Scan# 969

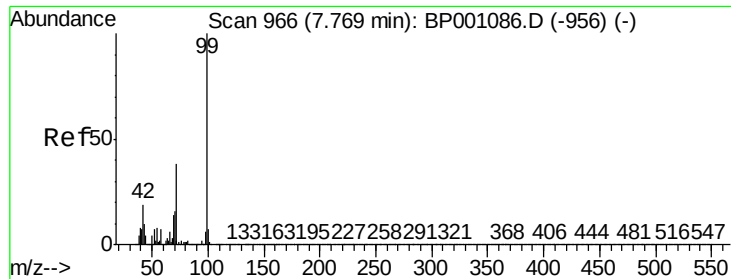
Delta R.T. -0.01 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Tgt Ion:	93	Resp:	174455
Ion Ratio	Lower	Upper	
93	100		
66	163.7	36.8	55.2#
65	105.7	19.8	29.8#





#7

Phenol-d6

Concen: 130.638 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

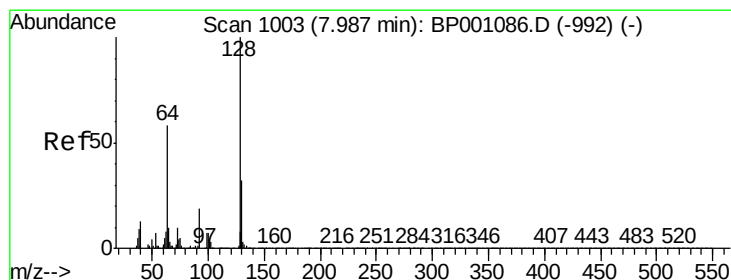
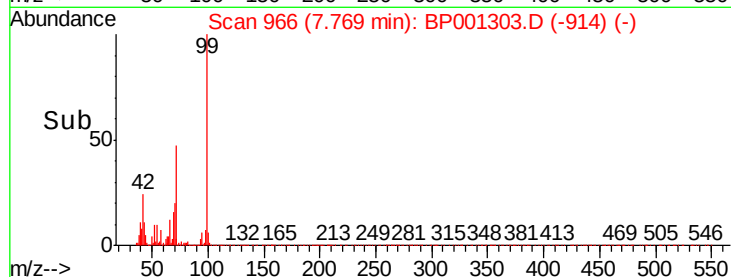
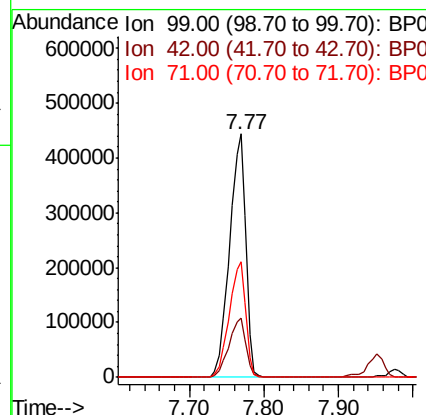
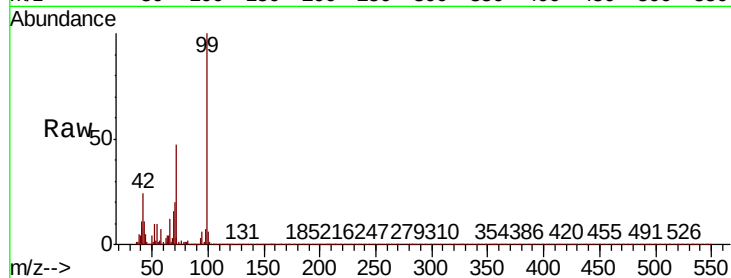
ClientSampleId :

CL-01-120619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		677974		
42	24.5	17.6	26.4		
71	47.4	33.8	50.8		

Manual Integrations
APPROVED

mohammad
12/11/2019 12:31:04 PM



#8

2-Chlorophenol

Concen: 48.519 ng

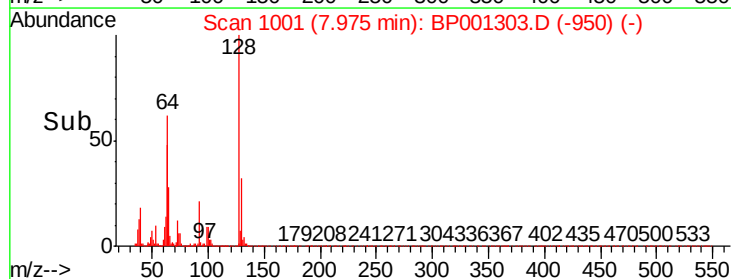
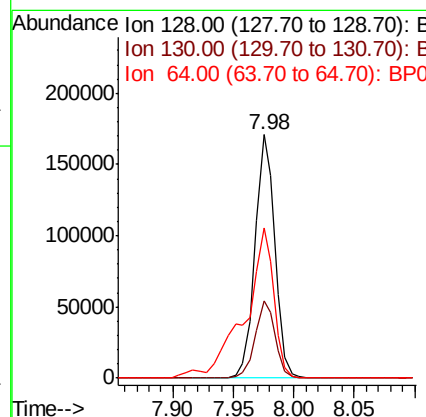
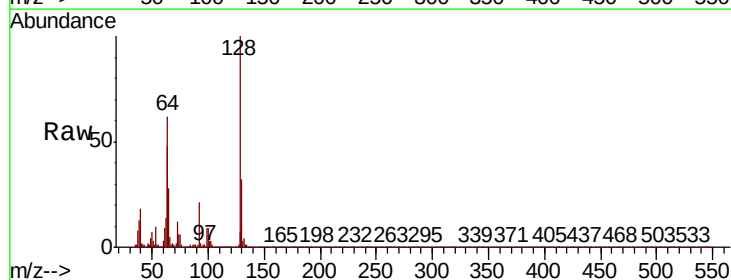
RT: 7.98 min Scan# 1001

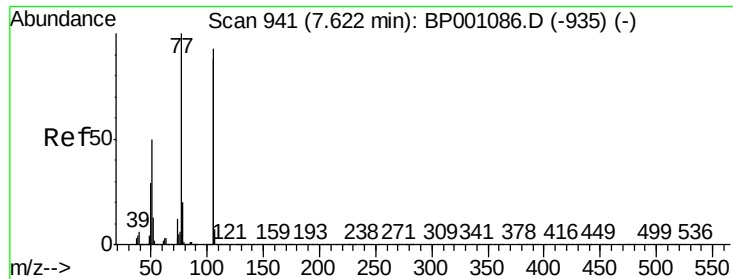
Delta R.T. 0.00 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		195550		
130	31.6	12.4	52.4		
64	61.8	38.9	78.9		





#9

Benzaldehyde

Concen: 14.988 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

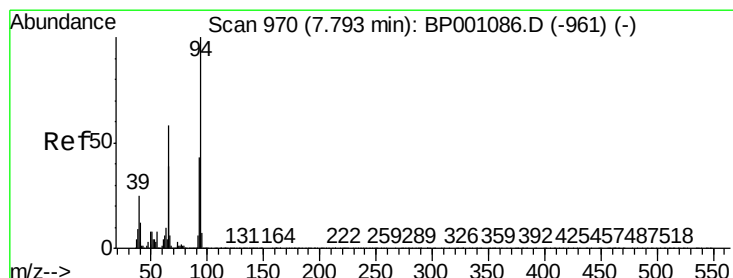
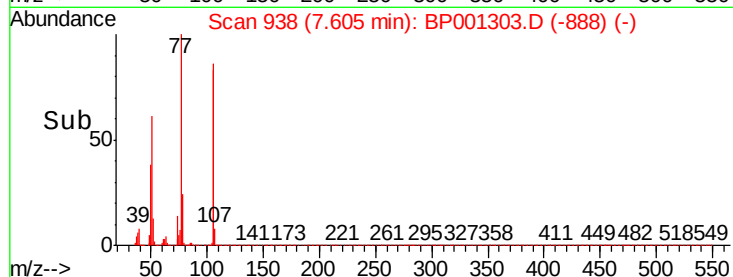
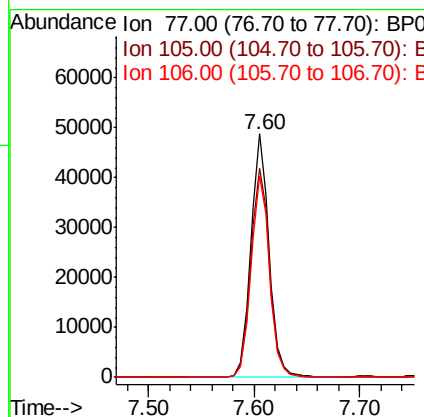
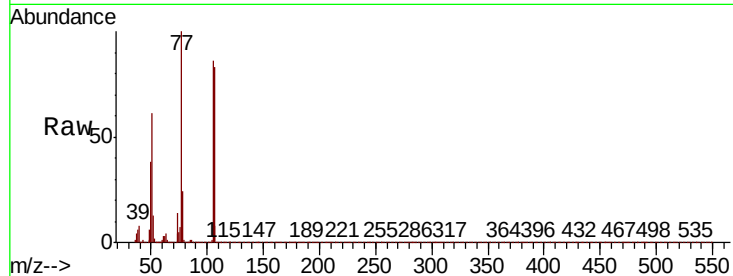
ClientSampleId :

CL-01-120619MS

Tot Ion:	77	Resp:	58429
Ion Ratio	Lower	Upper	
77	100		
105	86.1	69.7	109.7
106	82.8	67.1	107.1

Manual Integrations
APPROVED

mohammad
12/11/2019 12:31:04 PM



#10

Phenol

Concen: 41.170 ng

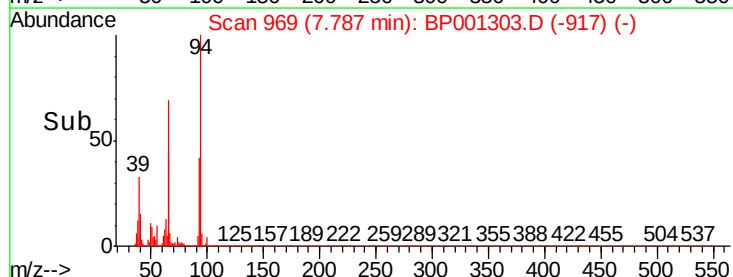
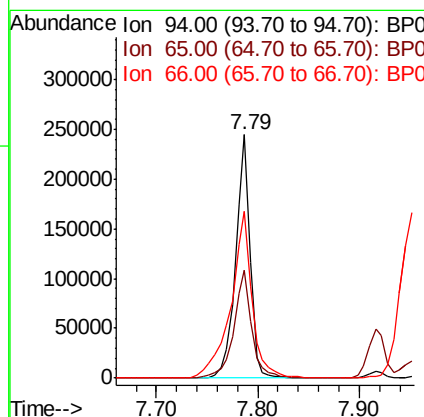
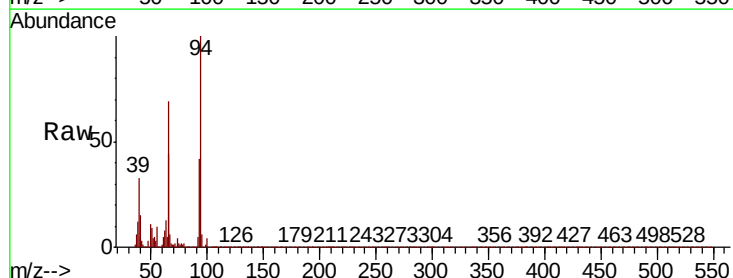
RT: 7.79 min Scan# 969

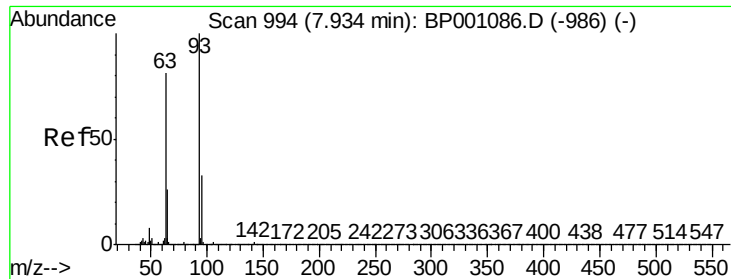
Delta R.T. 0.01 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Tgt Ion:	94	Resp:	243032
Ion Ratio	Lower	Upper	
94	100		
65	44.3	25.6	65.6
66	68.5	52.6	92.6





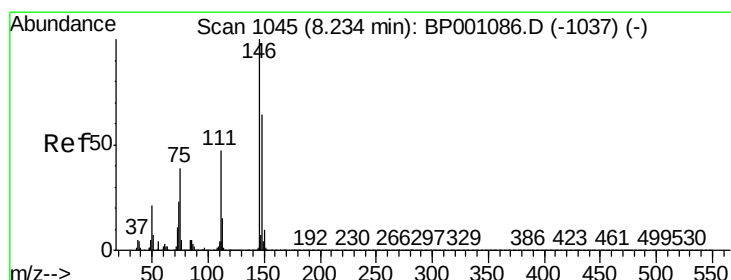
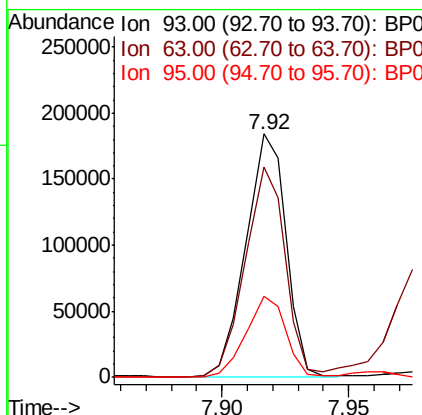
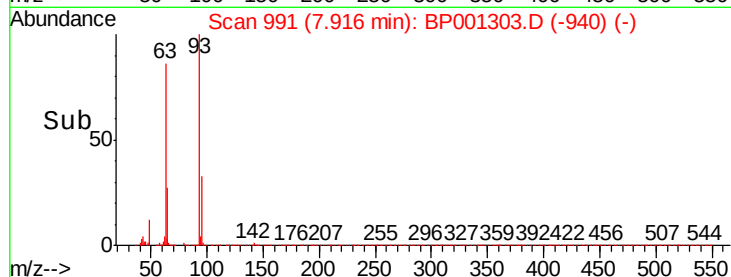
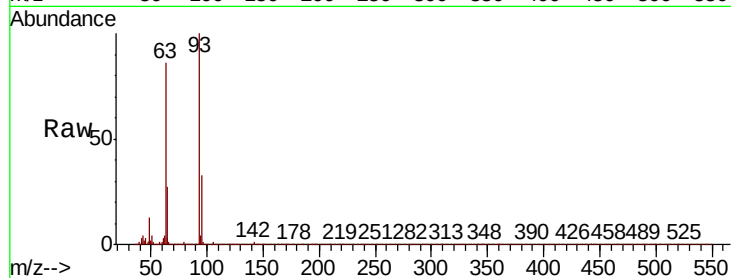
#11
bis(2-Chloroethyl)ether
Concen: 44.675 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.2	65.8	105.8
95	33.4	11.7	51.7

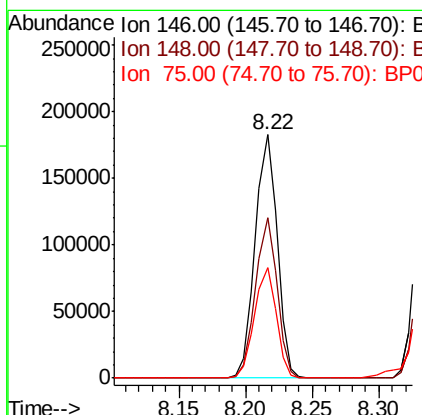
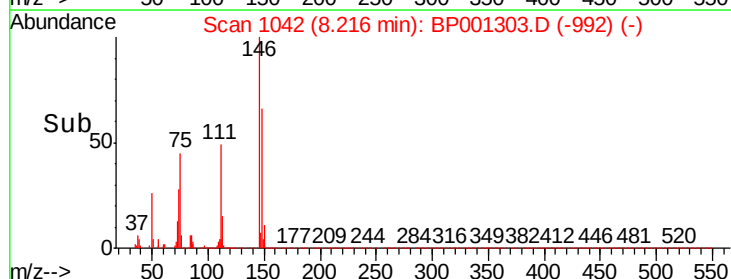
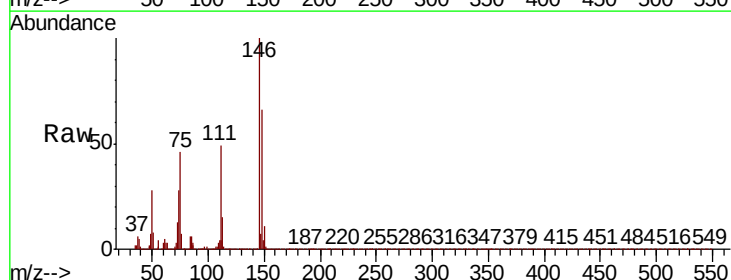
Manual Integrations
APPROVED

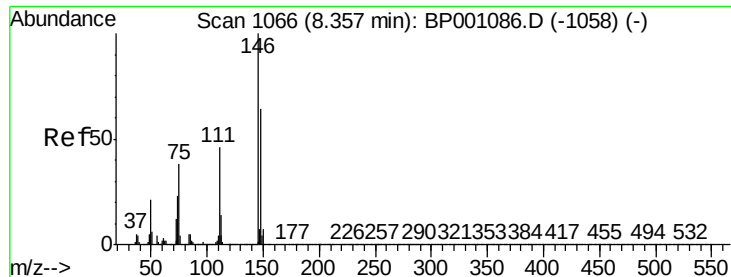
mohammad
12/11/2019 12:31:04 PM



#12
1,3-Dichlorobenzene
Concen: 43.261 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.4	77.0
75	45.6	32.2	48.2





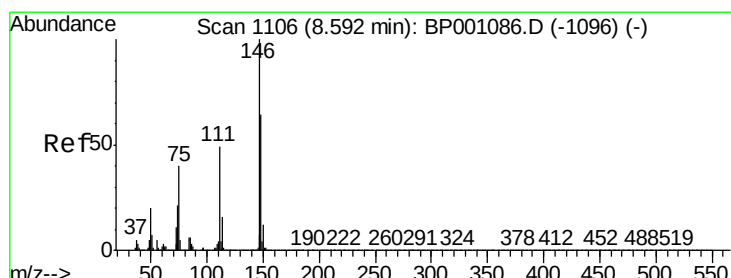
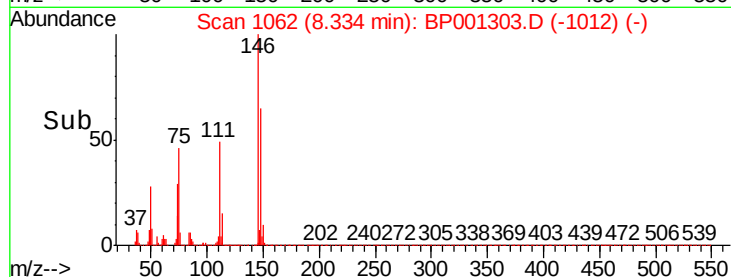
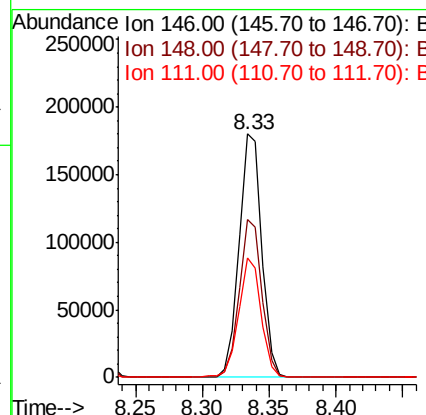
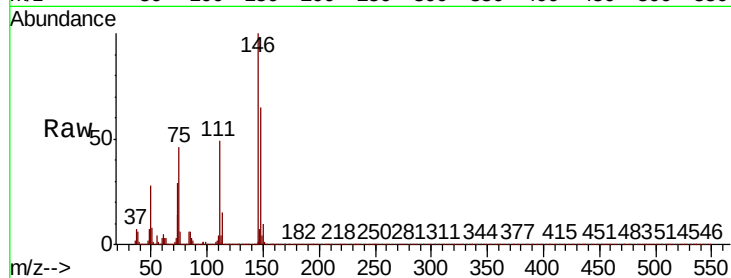
#13
1,4-Dichlorobenzene
Concen: 44.430 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	49.1	37.3	55.9

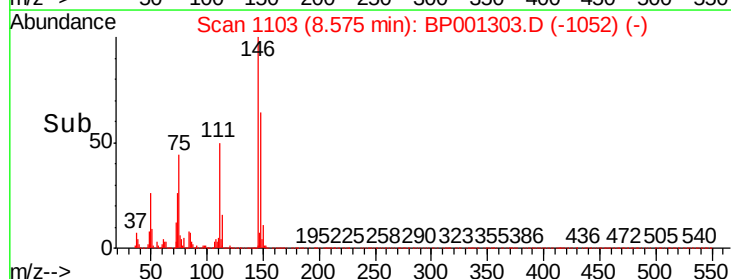
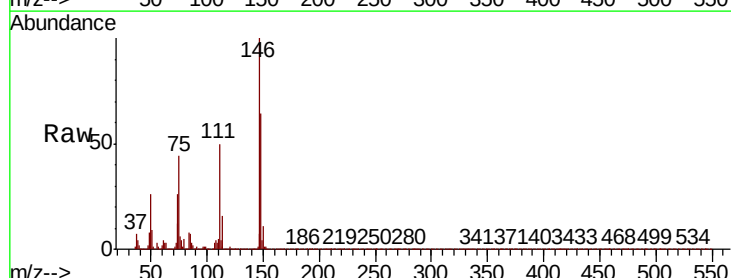
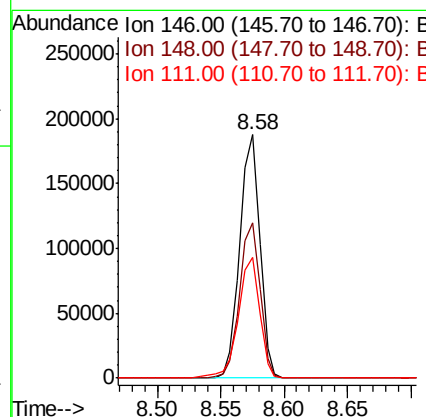
Manual Integrations
APPROVED

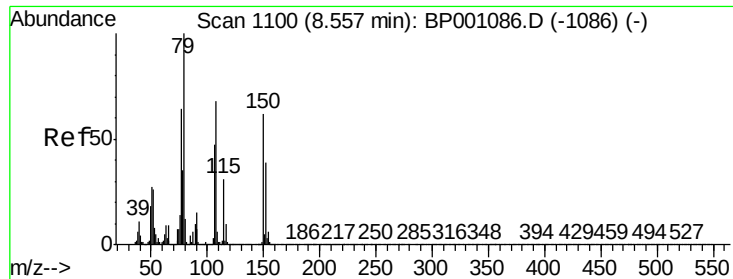
mohammad
12/11/2019 12:31:04 PM



#14
1,2-Dichlorobenzene
Concen: 45.273 ng
RT: 8.58 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.5	77.3
111	49.7	40.7	61.1





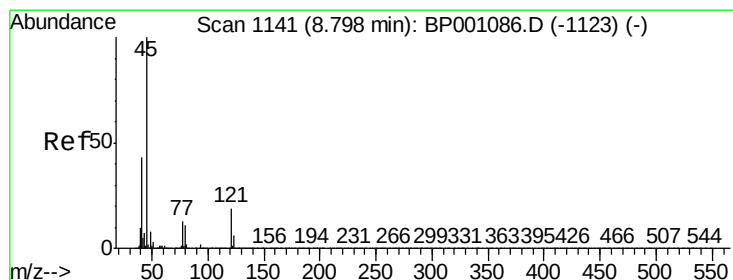
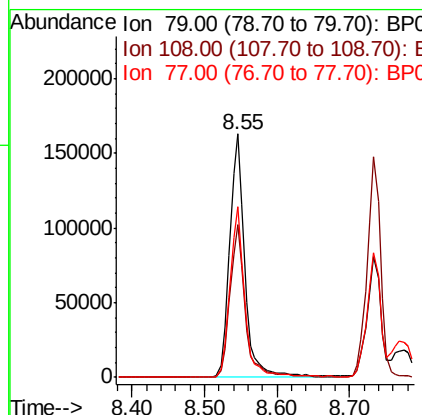
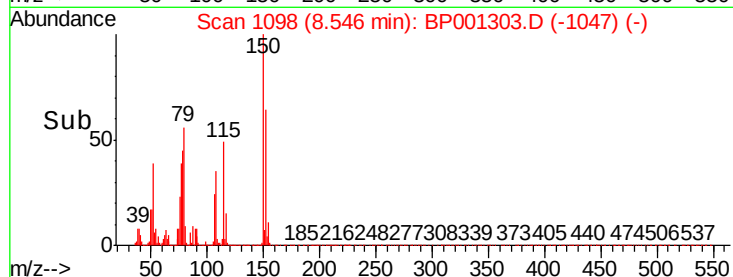
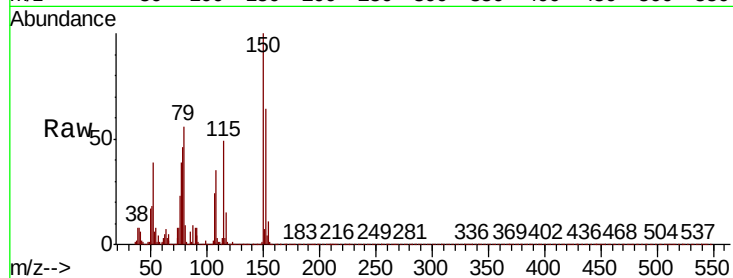
#15
Benzyl Alcohol
Concen: 55.889 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	62.7	51.6	77.4
77	70.0	53.5	80.3

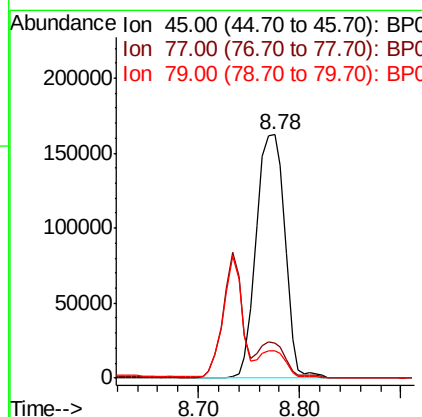
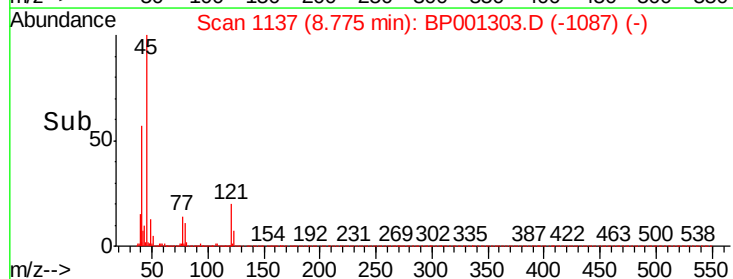
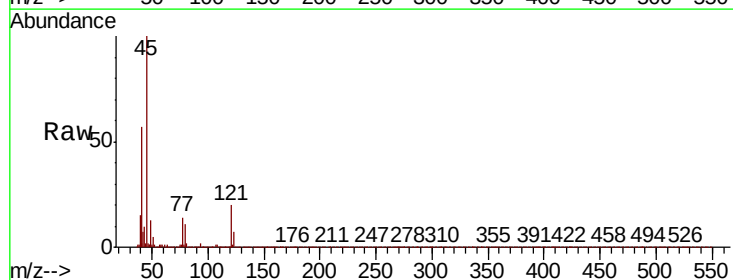
Manual Integrations
APPROVED

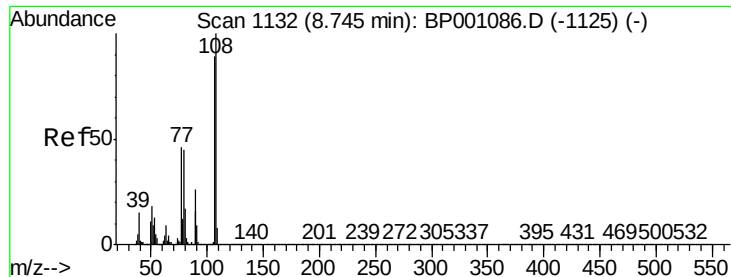
mohammad
12/11/2019 12:31:04 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.293 ng
RT: 8.78 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	33.9
79	11.1	0.0	30.9





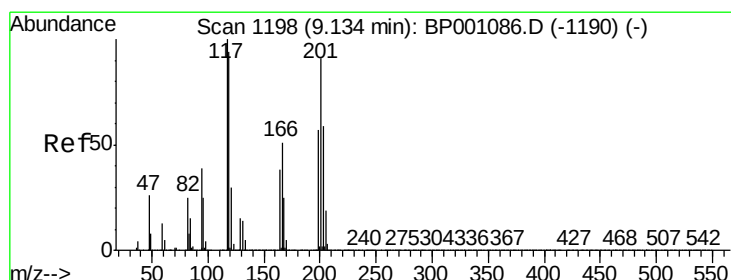
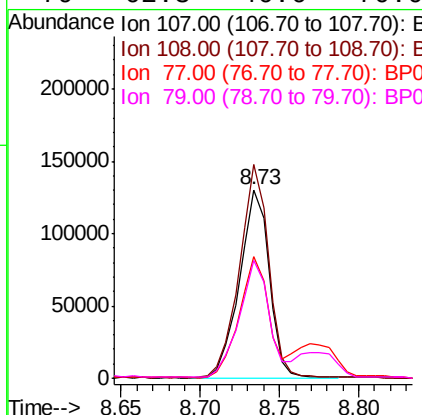
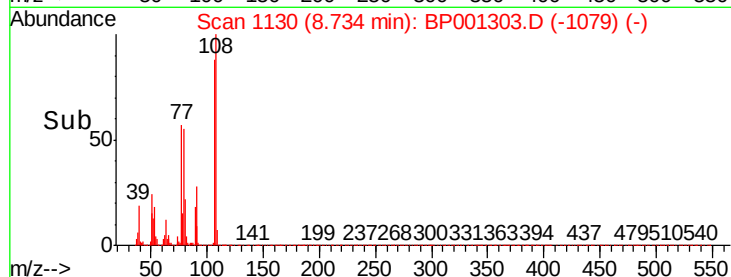
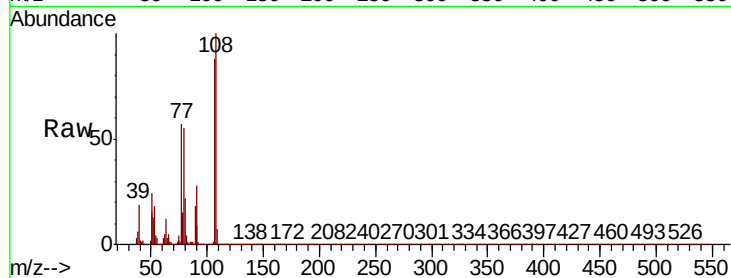
#17
2-Methylphenol
Concen: 45.659 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	88.8	133.2	
77	64.4	46.3	69.5	
79	62.3	46.6	70.0	

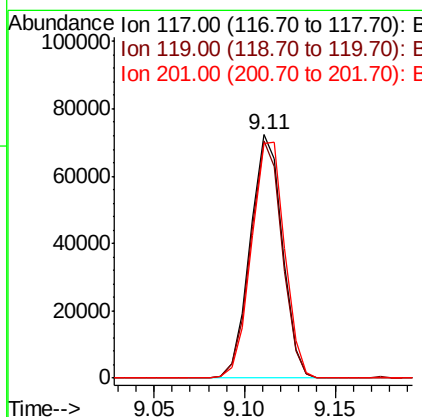
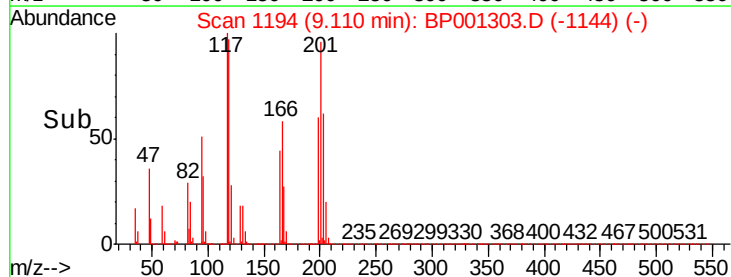
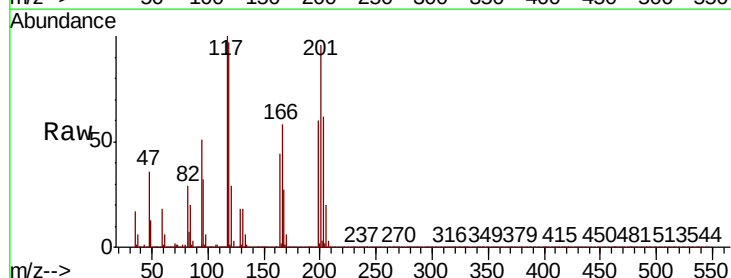
Manual Integrations
APPROVED

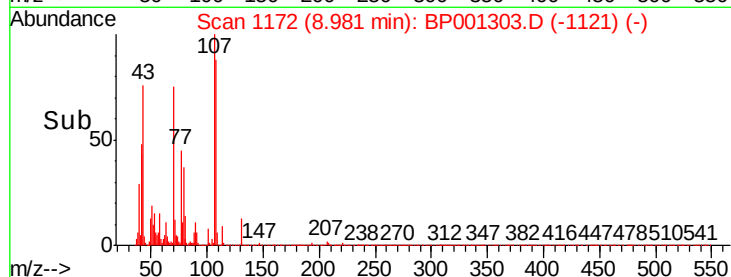
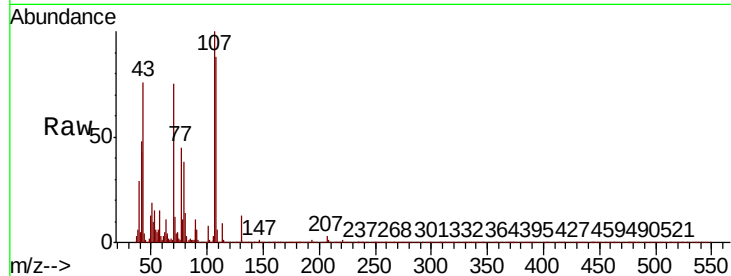
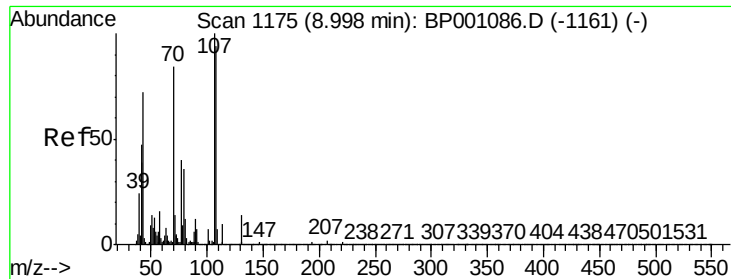
mohammad
12/11/2019 12:31:04 PM



#18
Hexachloroethane
Concen: 44.743 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	78.7	118.1	
201	96.3	75.5	113.3	





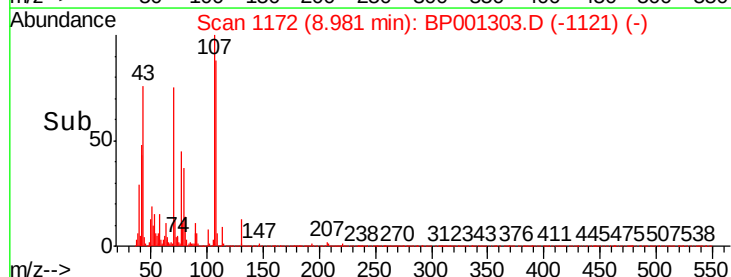
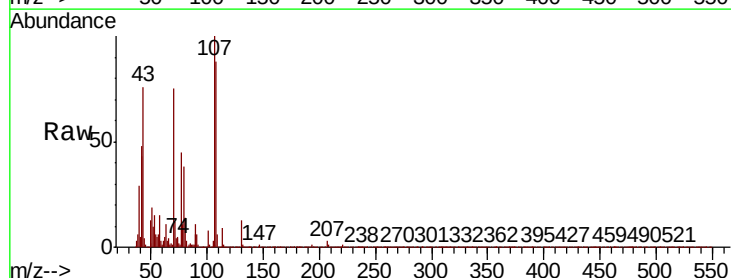
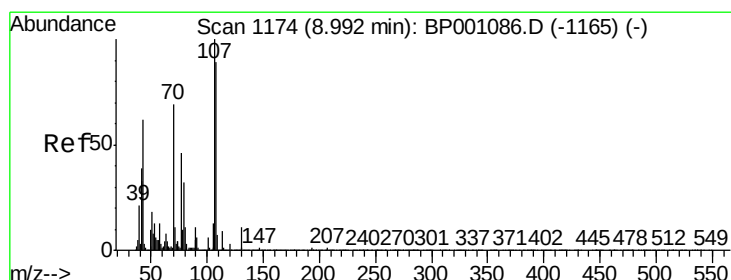
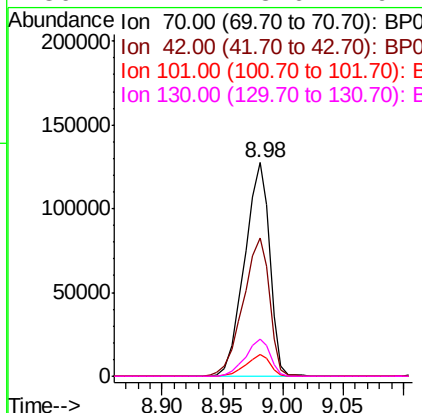
#19
n-Nitroso-di-n-propylamine
Concen: 49.271 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.9	50.6	76.0		
101	10.1	7.1	10.7		
130	17.4	13.6	20.4		

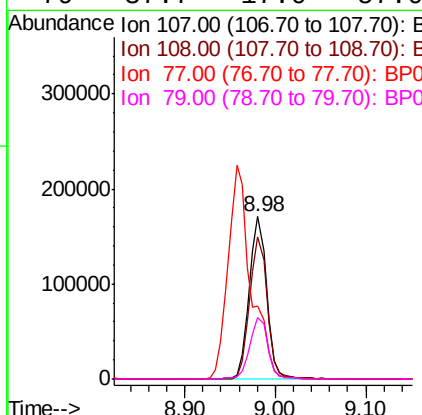
Manual Integrations
APPROVED

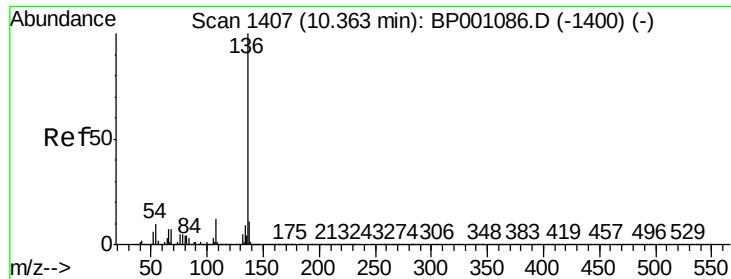
mohammad
12/11/2019 12:31:04 PM



#20
3+4-Methylphenols
Concen: 48.668 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.9	68.3	108.3		
77	45.1	25.2	65.2		
79	37.7	17.0	57.0		





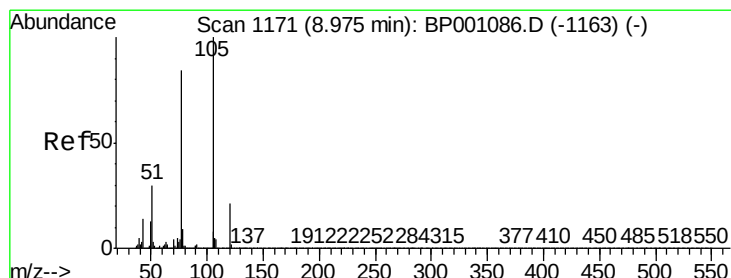
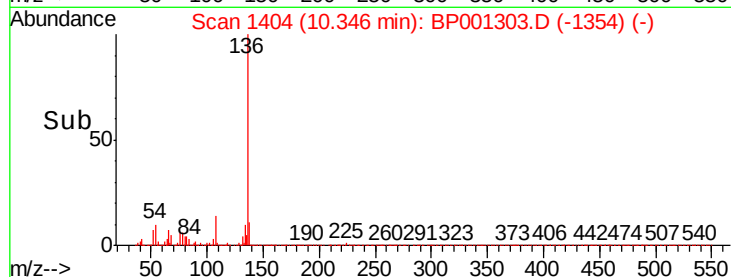
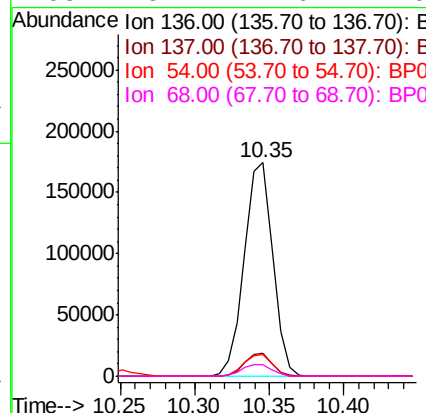
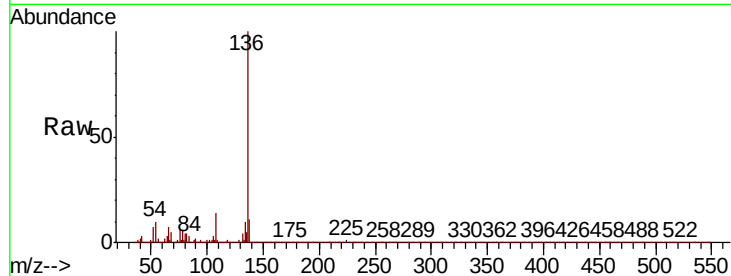
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	231102		
137	10.6	8.4	12.6	
54	10.2	7.4	11.0	
68	5.2	4.6	7.0	

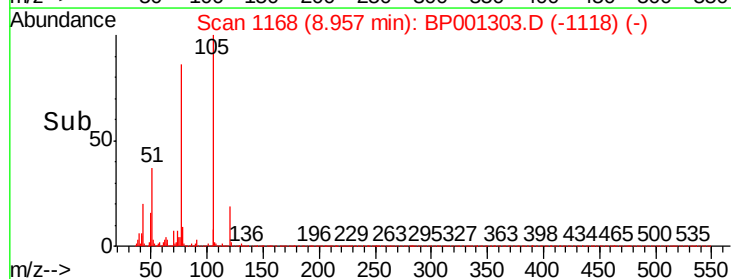
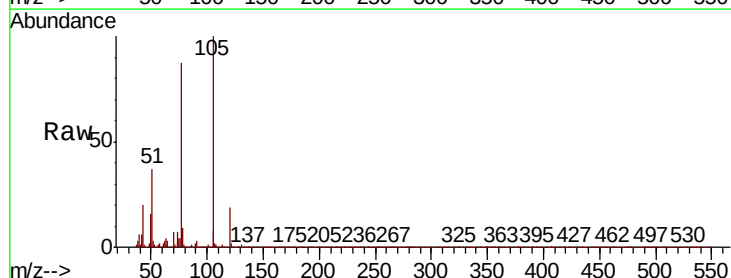
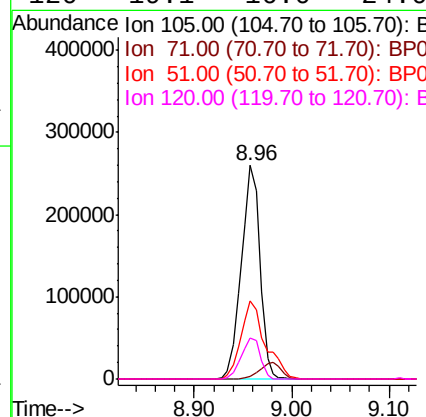
Manual Integrations
APPROVED

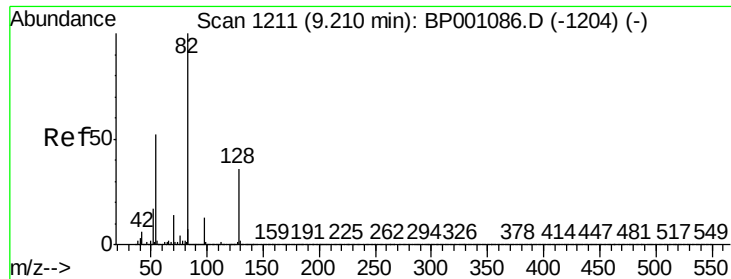
mohammad
12/11/2019 12:31:04 PM



#22
Acetophenone
Concen: 50.758 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	344771		
71	1.2	0.7	1.1#	
51	36.8	26.9	40.3	
120	19.1	16.0	24.0	





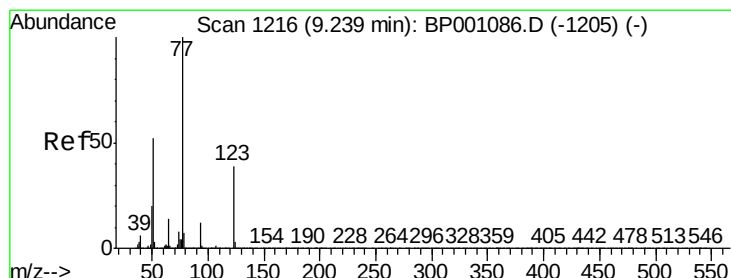
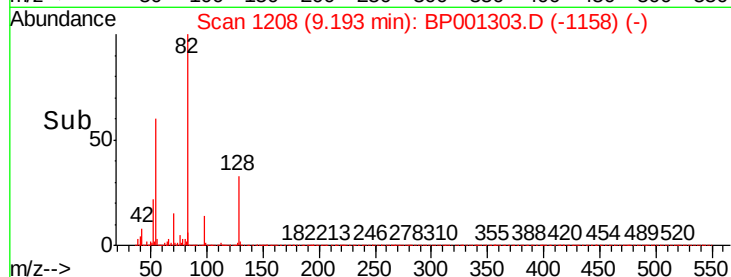
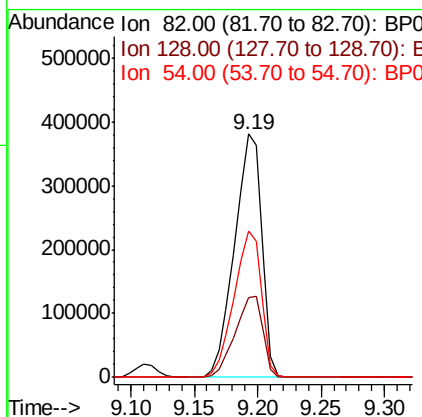
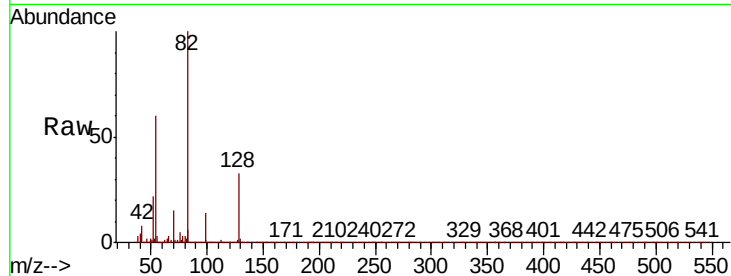
#23
Nitrobenzene-d5
Concen: 105.940 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.9	27.5	41.3
54	60.3	45.7	68.5

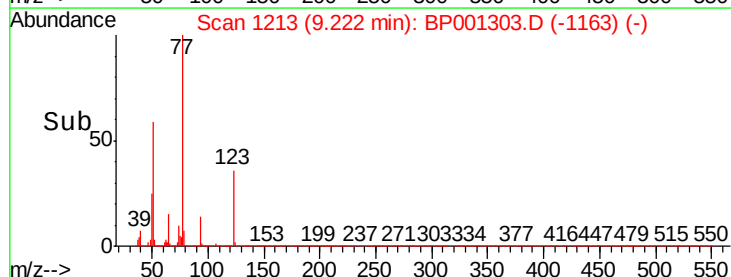
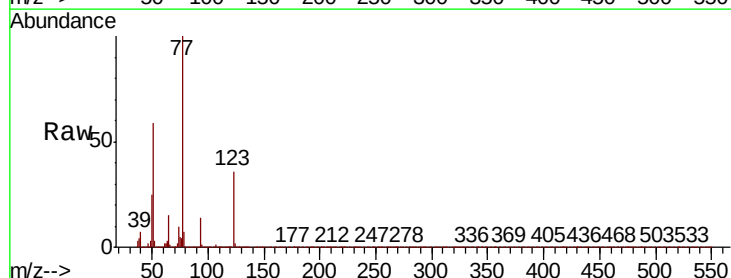
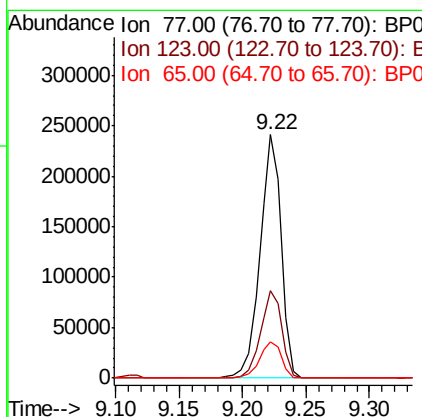
Manual Integrations
APPROVED

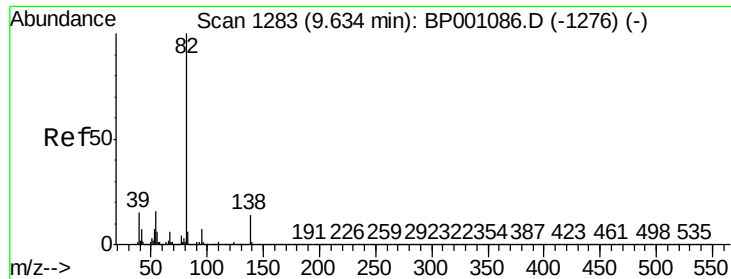
mohammad
12/11/2019 12:31:04 PM



#24
Nitrobenzene
Concen: 52.982 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.9	30.2	45.4
65	15.0	11.9	17.9





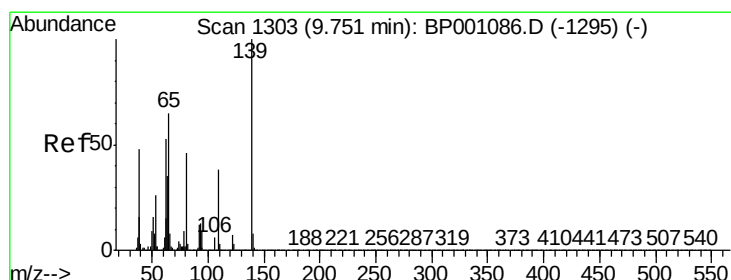
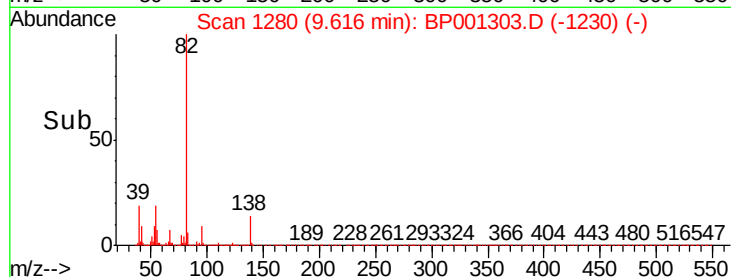
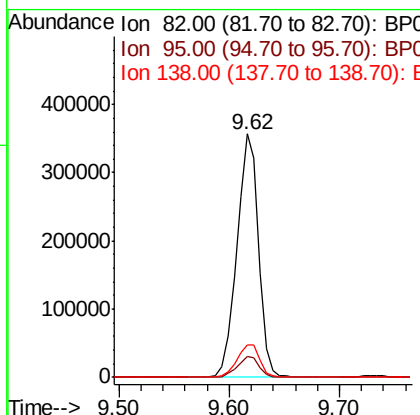
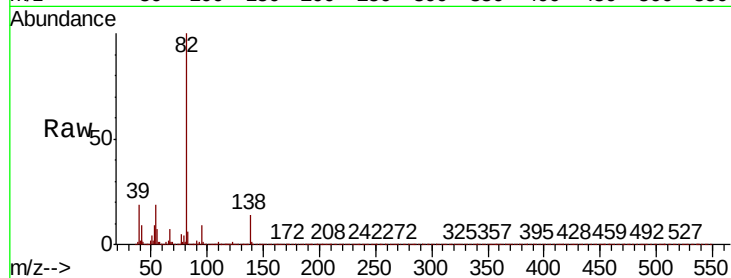
#25
Isophorone
Concen: 51.065 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	487758		
95	8.7	6.3	9.5	
138	13.5	11.4	17.0	

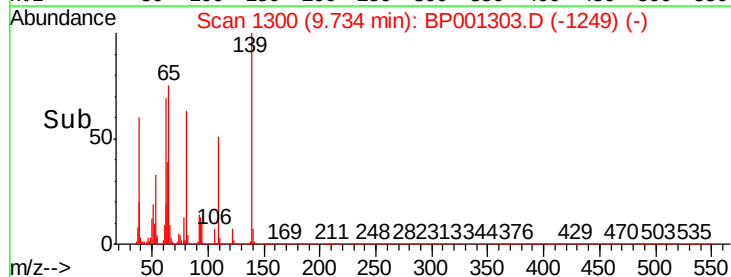
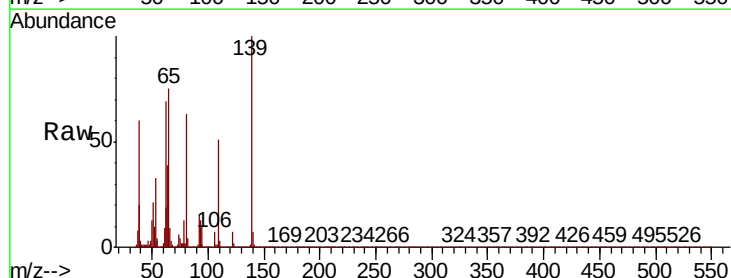
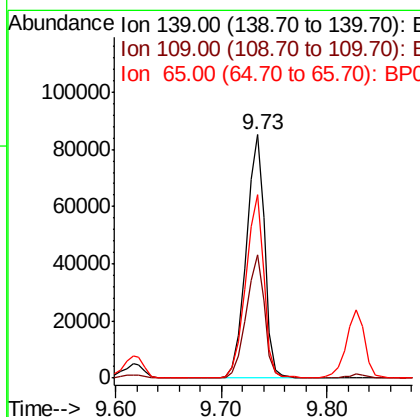
Manual Integrations
APPROVED

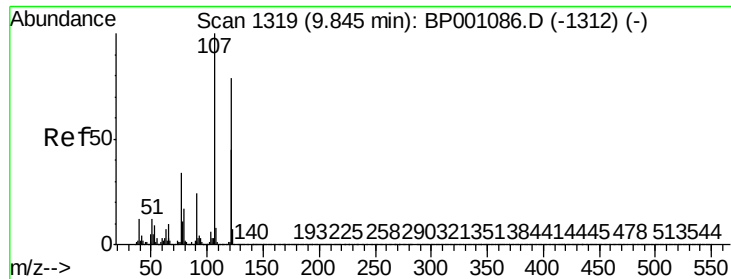
mohammad
12/11/2019 12:31:04 PM



#26
2-Nitrophenol
Concen: 52.846 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	102528		
109	50.7	35.5	53.3	
65	75.4	59.3	88.9	





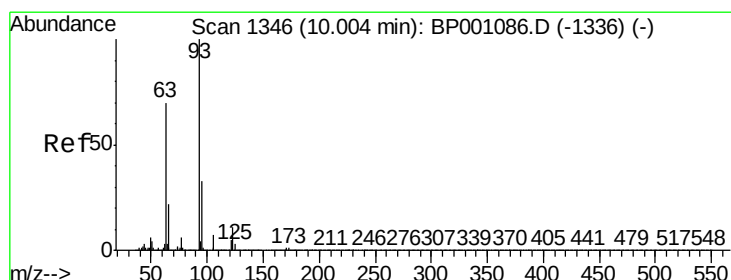
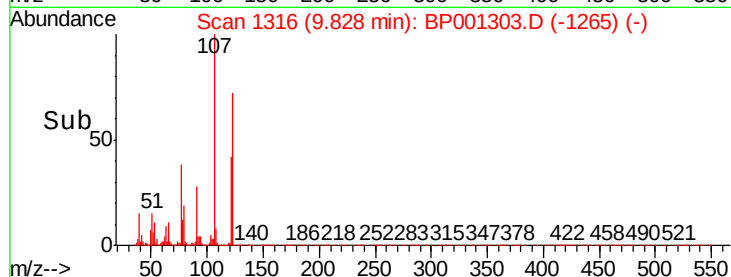
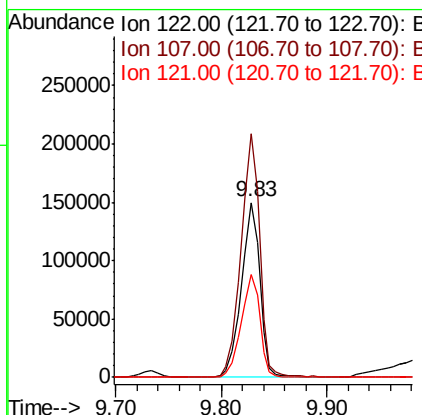
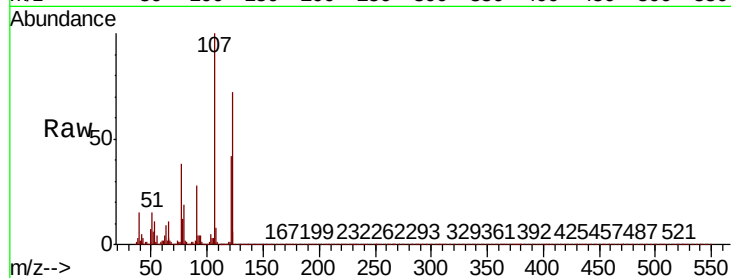
#27
2,4-Dimethylphenol
Concen: 58.894 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	139.5	106.7	160.1	
121	58.8	47.3	70.9	

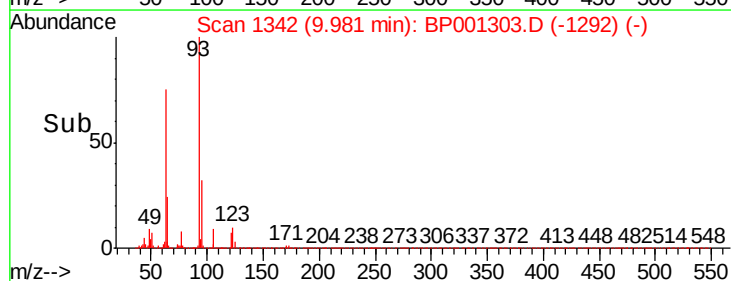
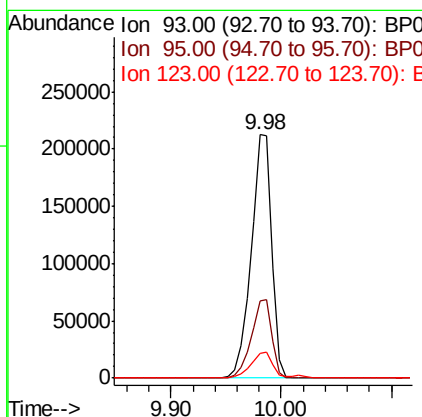
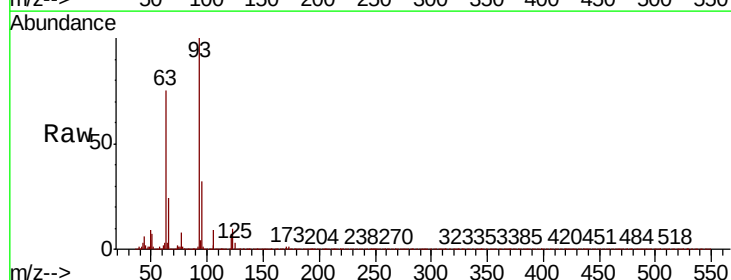
Manual Integrations
APPROVED

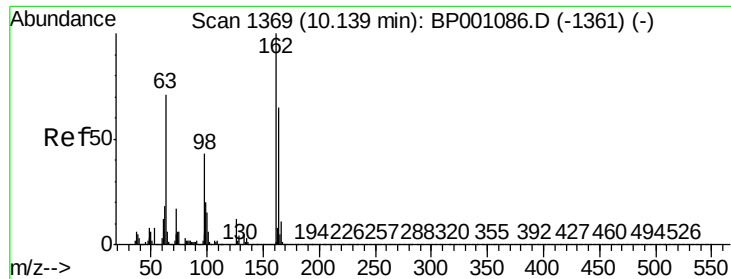
mohammad
12/11/2019 12:31:04 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.058 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.6	25.8	38.6	
123	10.2	8.5	12.7	





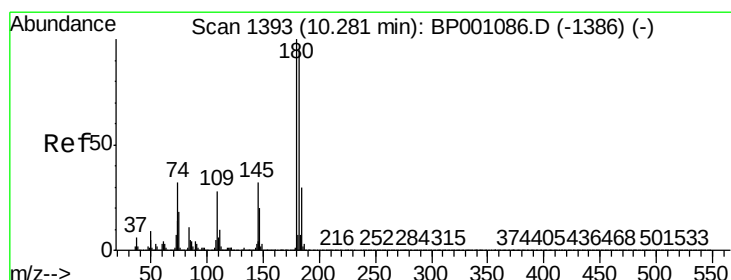
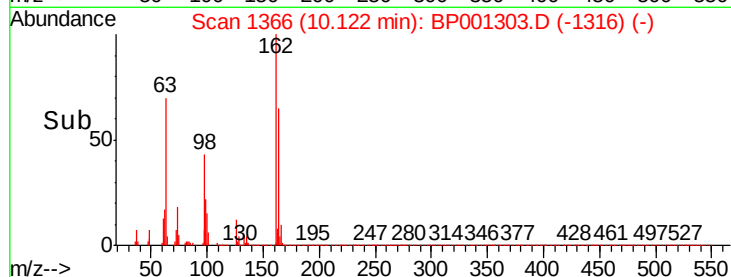
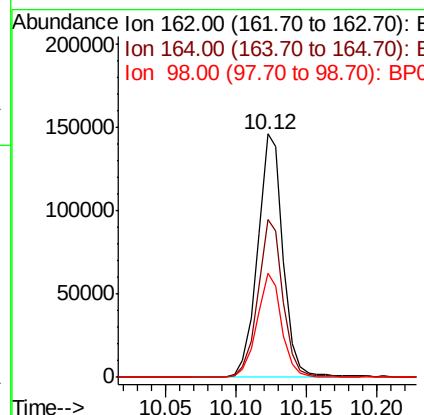
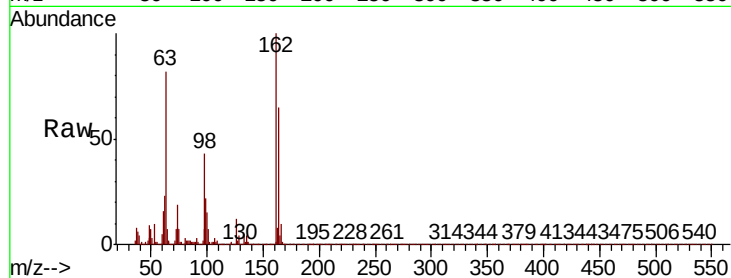
#29
2,4-Dichlorophenol
Concen: 52.671 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.7	84.7
98	42.9	22.9	62.9

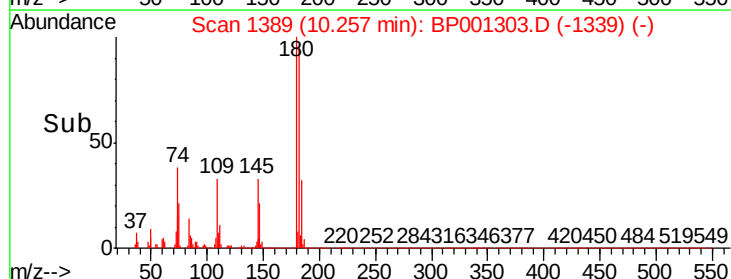
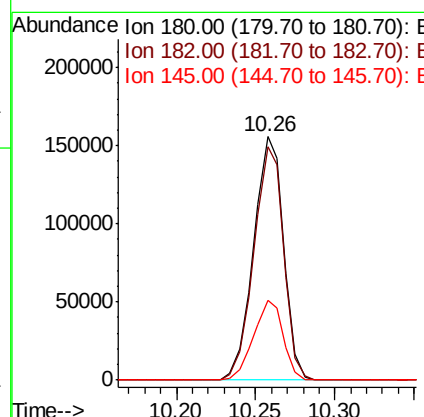
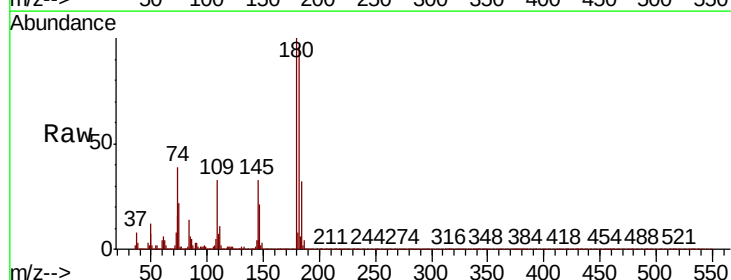
Manual Integrations
APPROVED

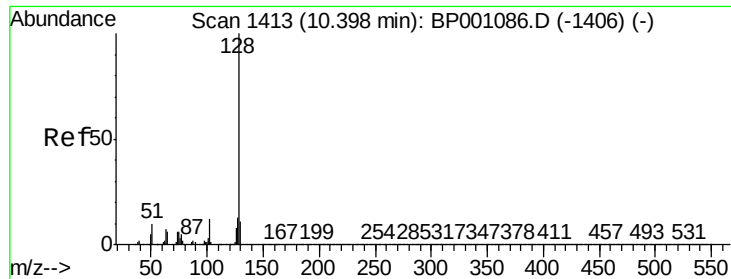
mohammad
12/11/2019 12:31:04 PM



#30
1,2,4-Trichlorobenzene
Concen: 50.011 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.4	113.0
145	33.0	25.1	37.7





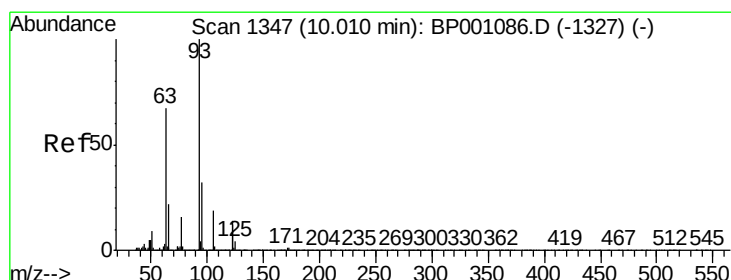
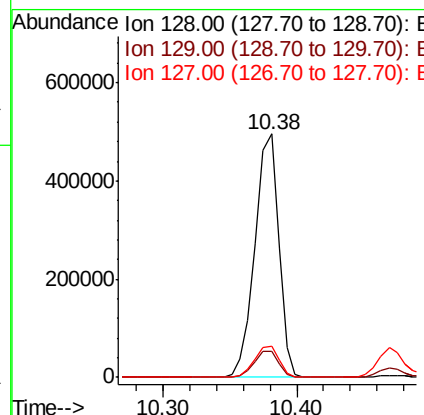
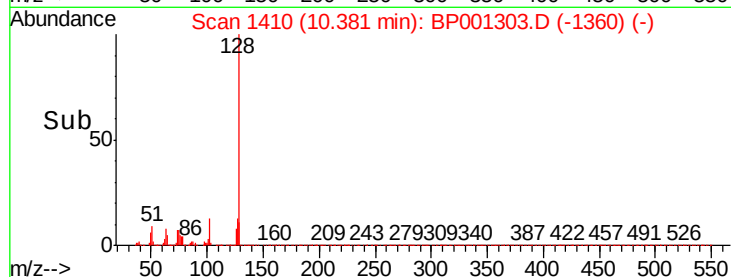
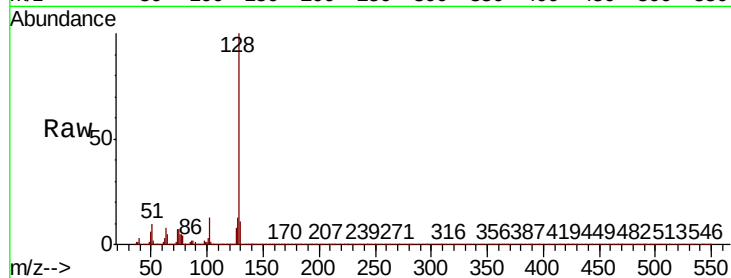
#31
Naphthalene
Concen: 51.582 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.3	12.5
127	13.0	10.6	16.0

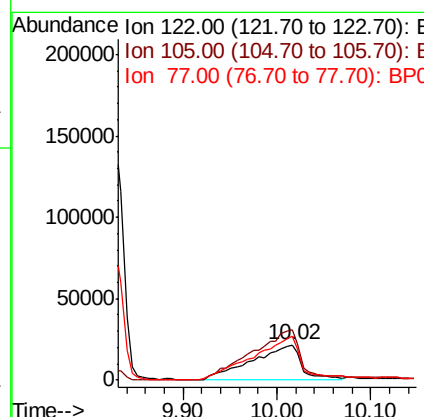
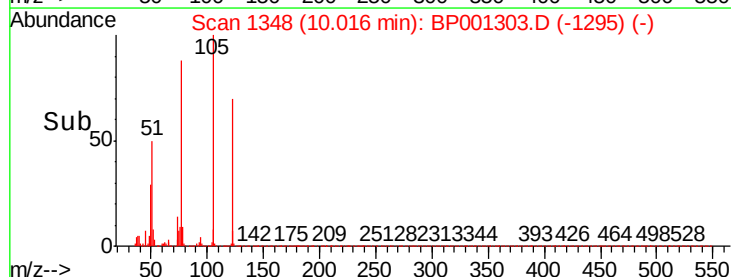
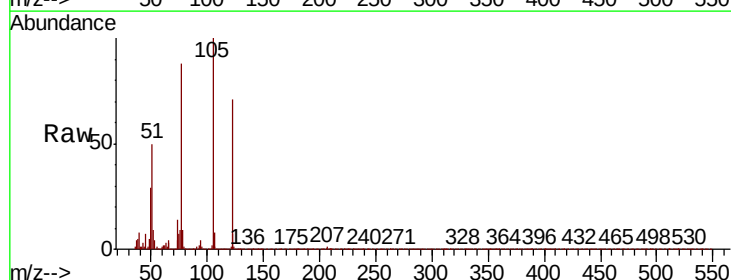
Manual Integrations
APPROVED

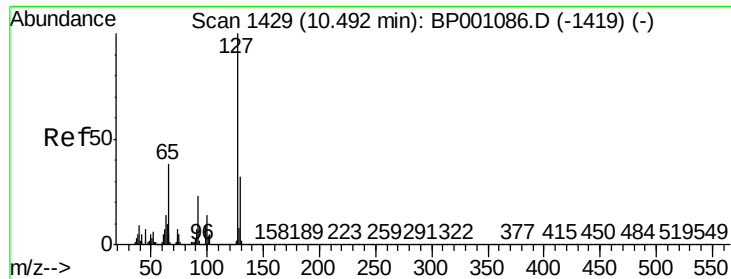
mohammad
12/11/2019 12:31:04 PM



#32
Benzoic acid
Concen: 34.390 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.8	122.3	162.3
77	125.2	100.4	140.4





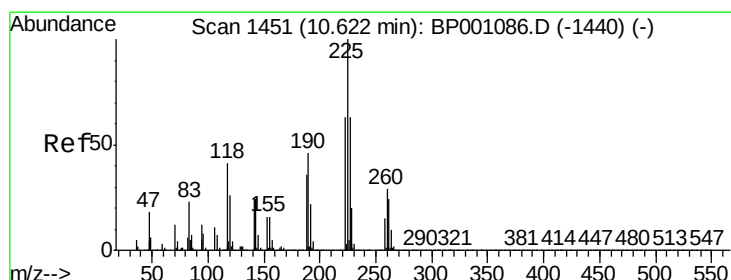
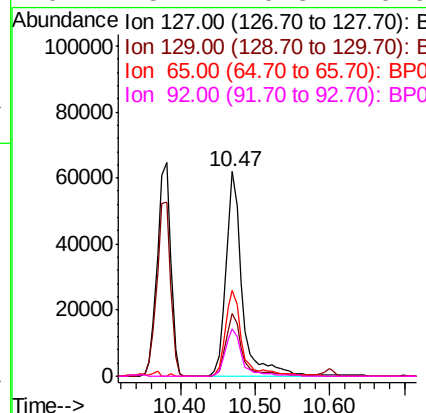
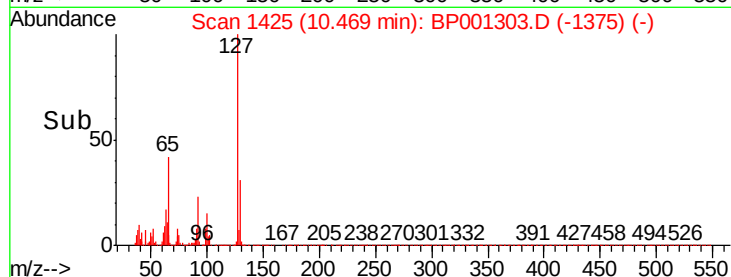
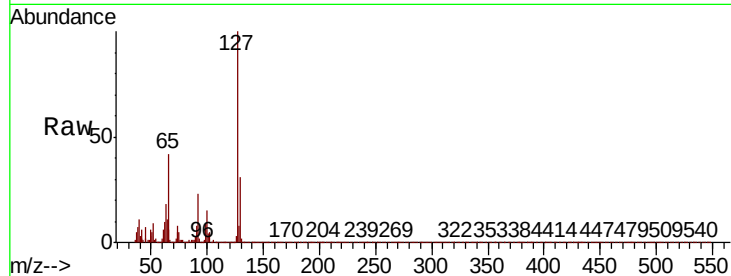
#33
4-Chloroaniline
Concen: 18.208 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.6	38.4
65	42.1	33.6	50.4
92	23.2	19.8	29.6

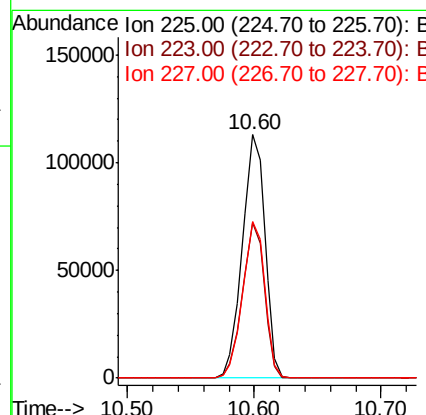
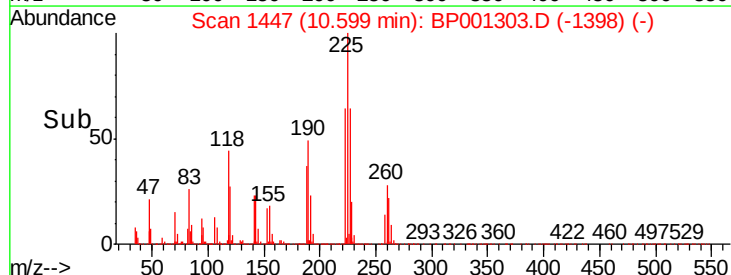
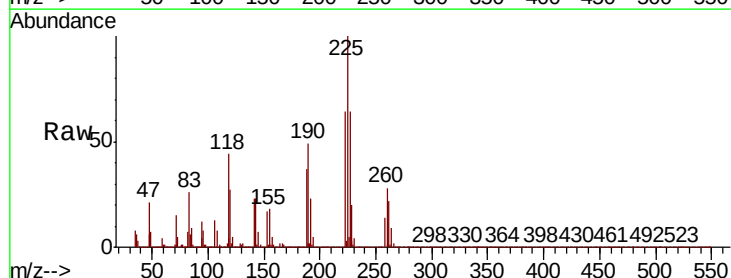
Manual Integrations
APPROVED

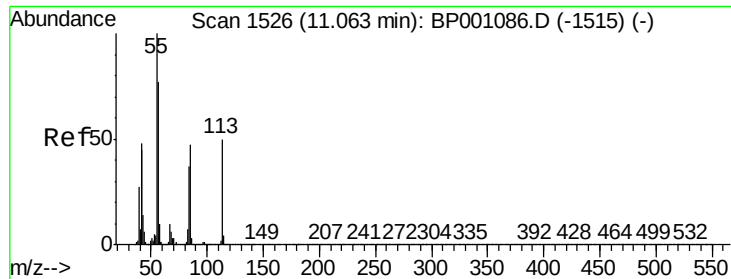
mohammad
12/11/2019 12:31:04 PM



#34
Hexachlorobutadiene
Concen: 54.084 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	47.8	71.6
227	64.2	50.0	75.0





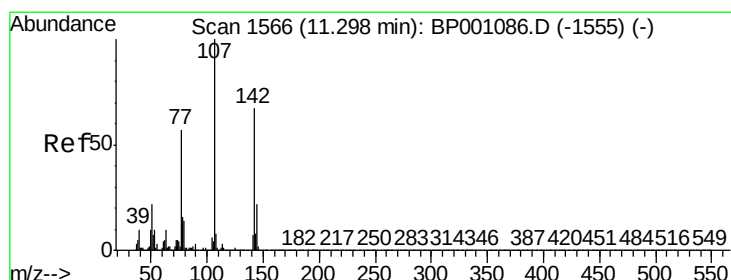
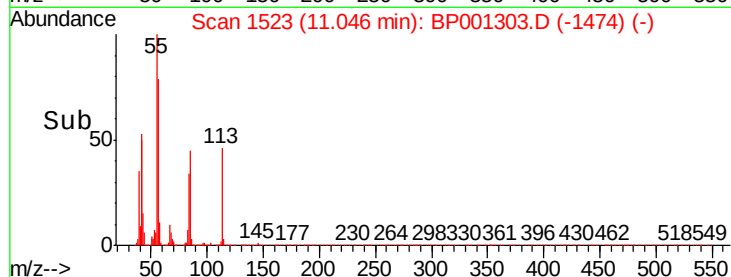
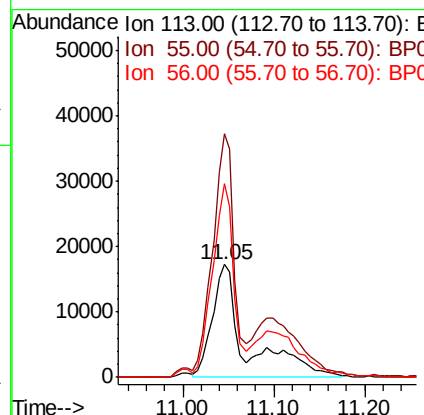
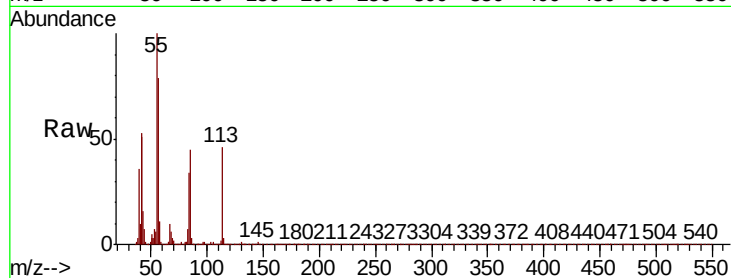
#35
Caprolactam
Concen: 37.069 ng/ml
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleID :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	216.3	185.4	225.4
56	171.8	136.9	176.9

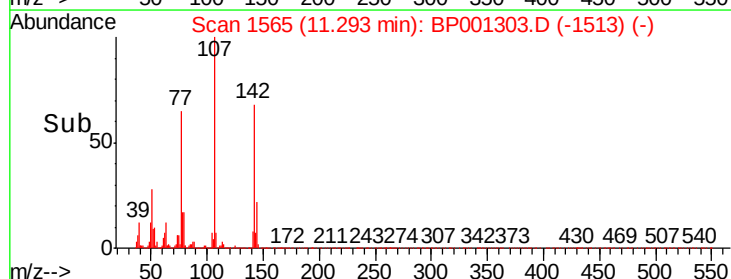
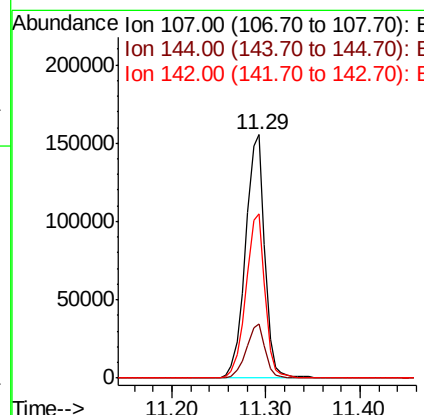
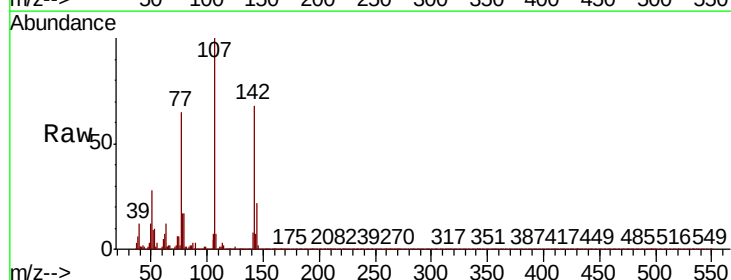
Manual Integrations
APPROVED

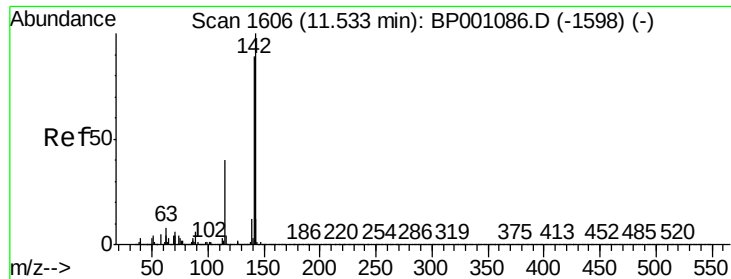
mohammad
12/11/2019 12:31:04 PM



#36
4-Chloro-3-methylphenol
Concen: 53.185 ng/ml
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.4	16.8	25.2
142	67.7	51.8	77.6





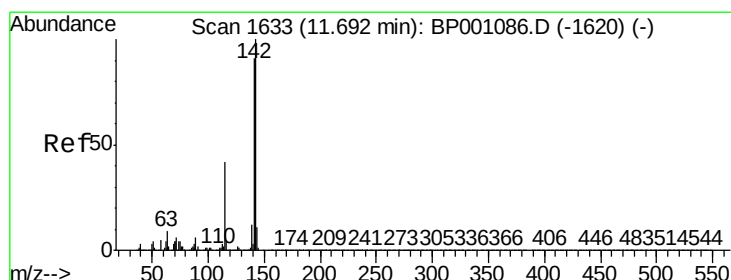
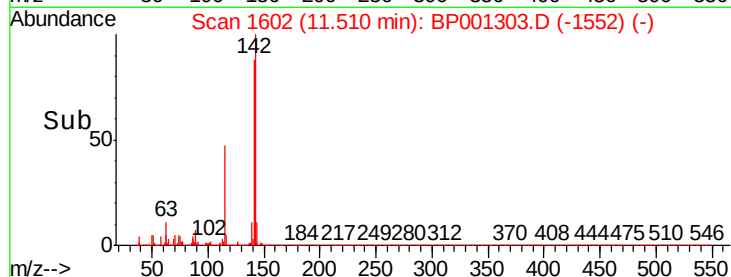
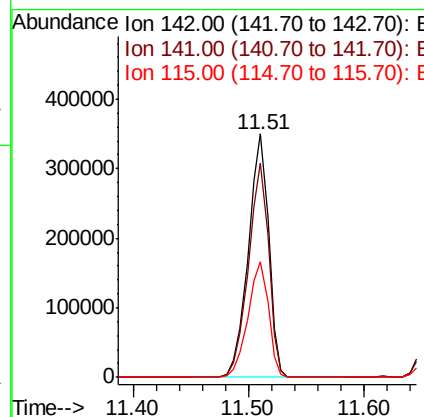
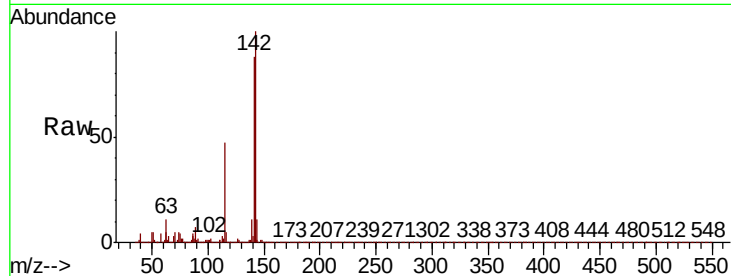
#37
2-Methylnaphthalene
Concen: 53.040 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4
115	47.5	36.0	54.0

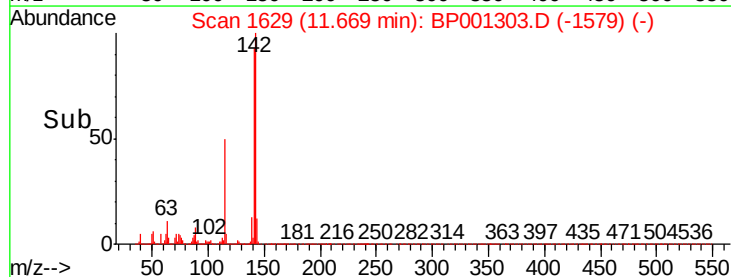
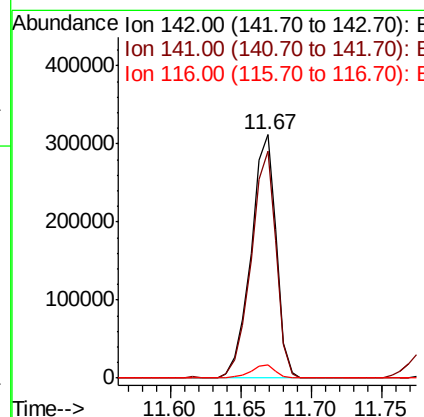
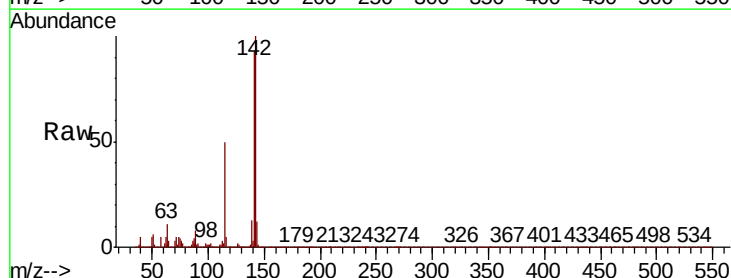
Manual Integrations
APPROVED

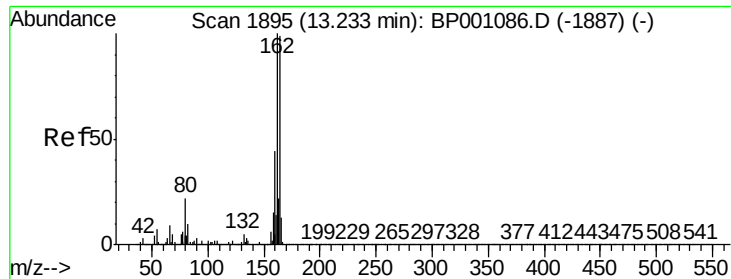
mohammad
12/11/2019 12:31:04 PM



#38
1-Methylnaphthalene
Concen: 51.174 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.7	109.1
116	5.4	3.8	5.6





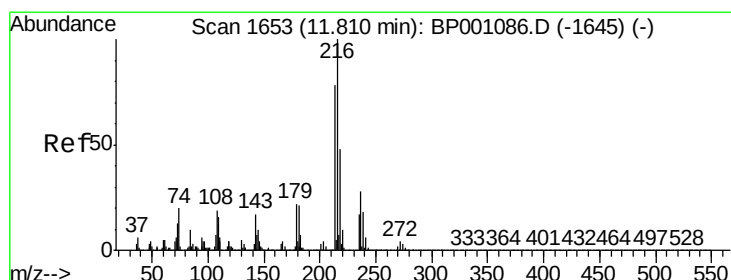
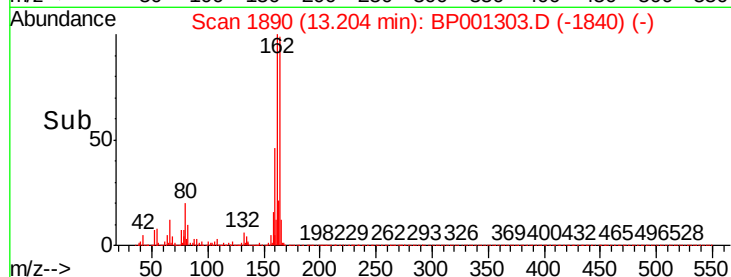
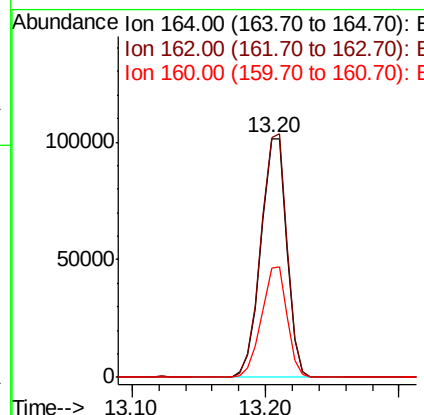
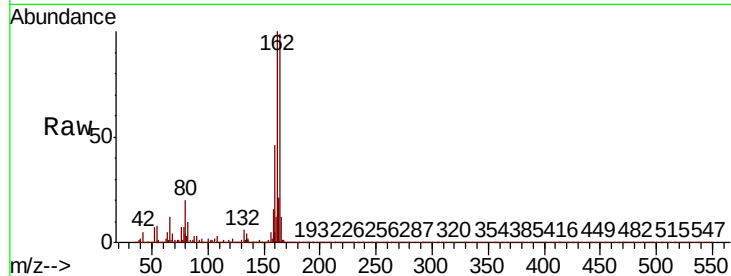
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.7	121.1
160	45.9	36.3	54.5

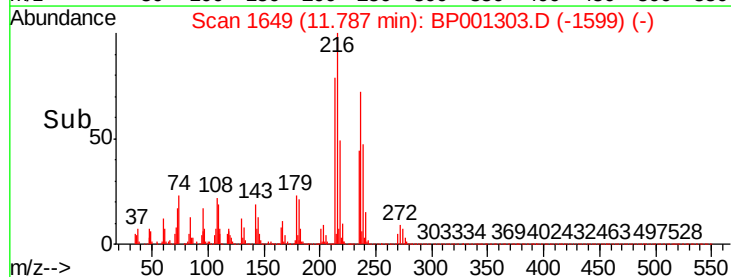
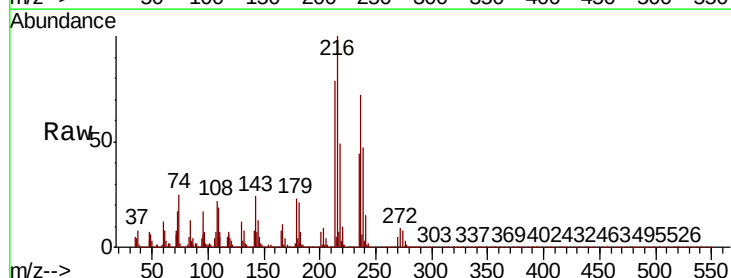
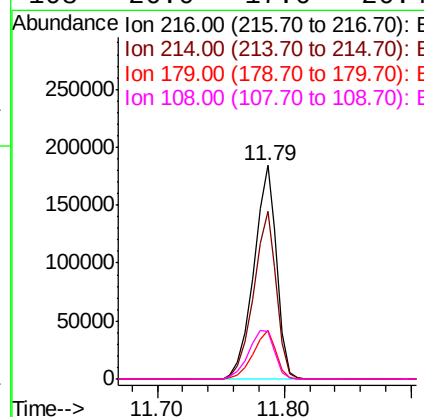
Manual Integrations
APPROVED

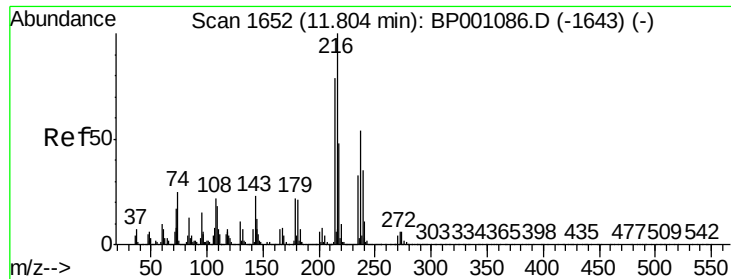
mohammad
12/11/2019 12:31:04 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.126 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.2	93.2
179	22.7	17.8	26.6
108	26.0	17.6	26.4





#41

Hexachlorocyclopentadiene

Concen: 138.917 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

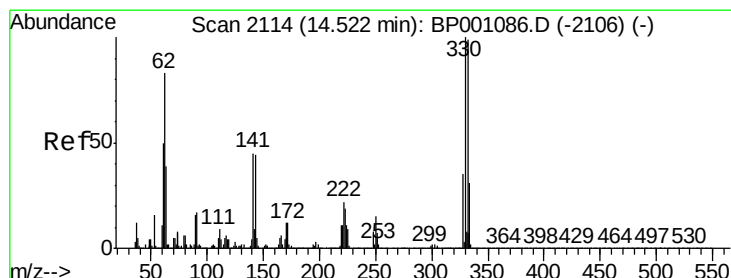
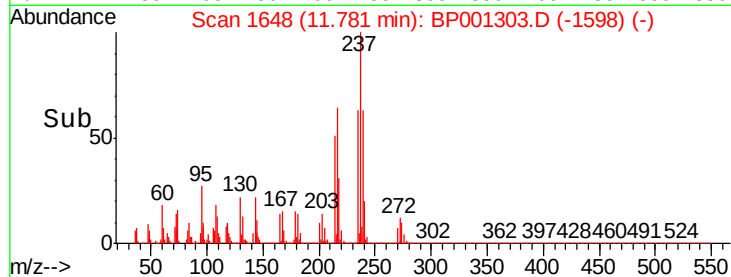
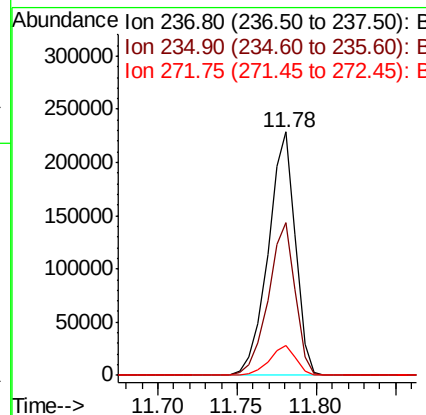
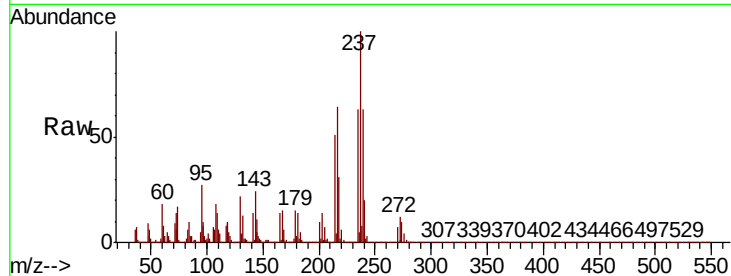
ClientSampleId :

CL-01-120619MS

Tot Ion:	237	Resp:	272818
Ion Ratio		Lower	Upper
237	100		
235	62.9	41.9	81.9
272	12.1	0.0	32.4

Manual Integrations
APPROVED

mohammad
12/11/2019 12:31:04 PM



#42

2,4,6-Tribromophenol

Concen: 187.092 ng

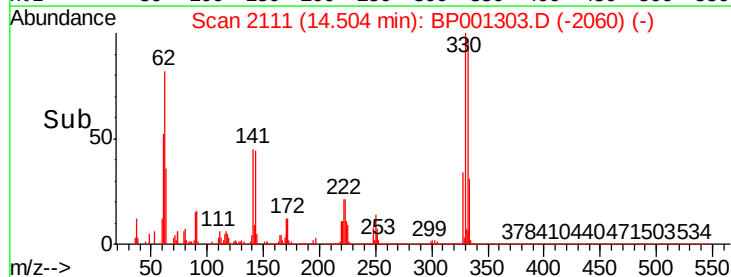
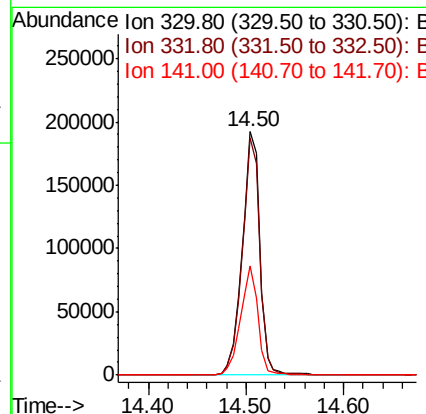
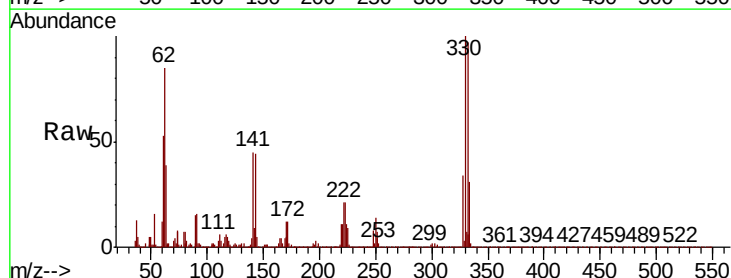
RT: 14.50 min Scan# 2111

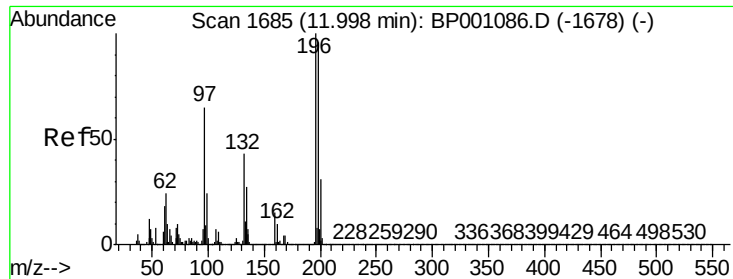
Delta R.T. 0.00 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Tgt Ion:	330	Resp:	242240
Ion Ratio		Lower	Upper
330	100		
332	97.0	79.1	118.7
141	44.1	35.9	53.9





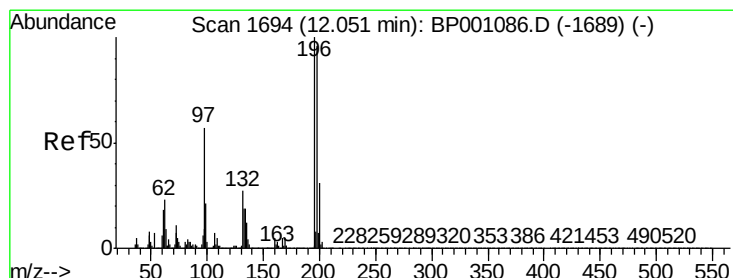
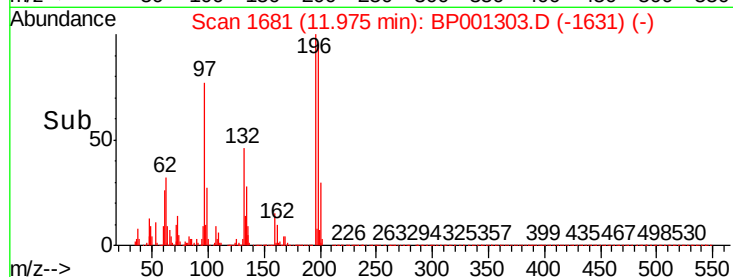
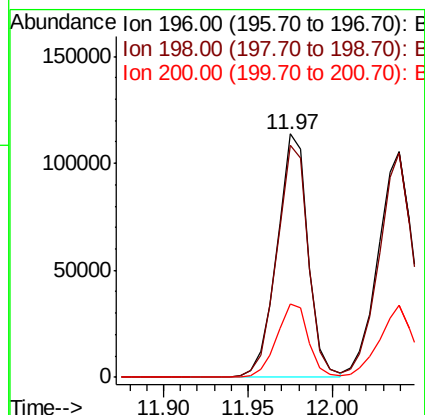
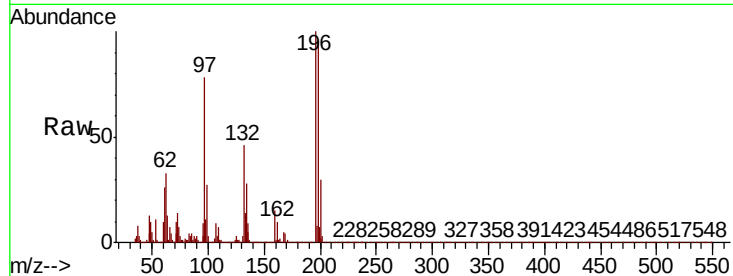
#43
2,4,6-Trichlorophenol
Concen: 52.230 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.4	116.0
200	30.4	25.6	38.4

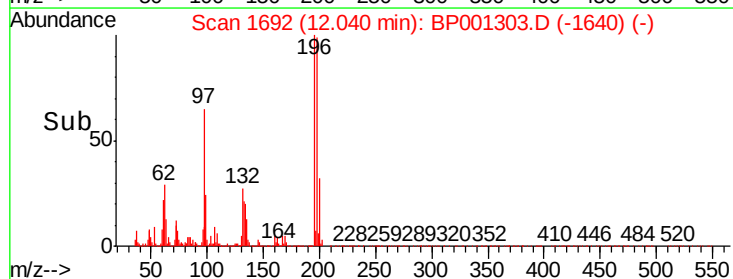
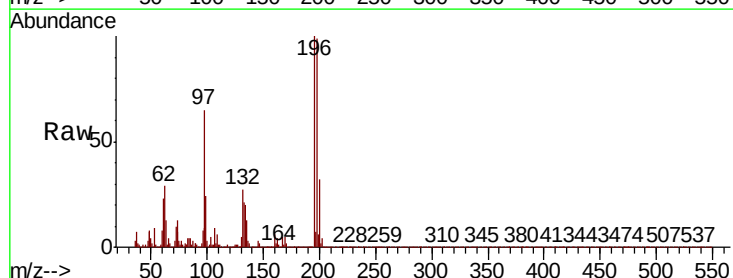
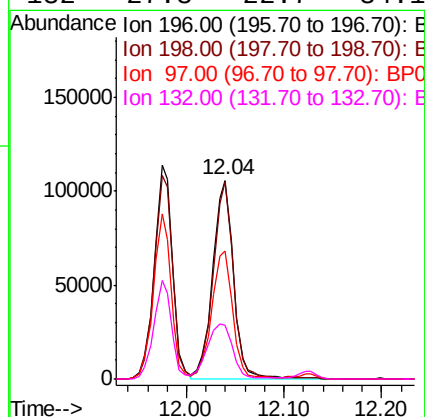
Manual Integrations
APPROVED

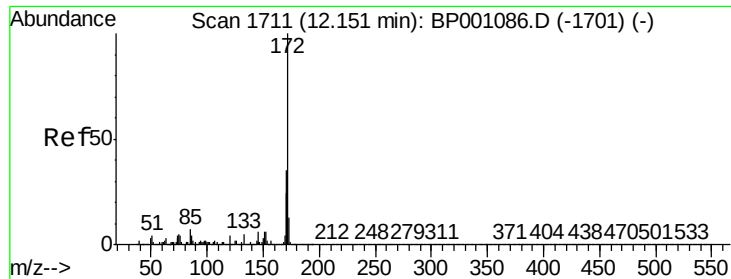
mohammad
12/11/2019 12:31:04 PM



#44
2,4,5-Trichlorophenol
Concen: 54.446 ng
RT: 12.04 min Scan# 1692
Delta R.T. 0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	75.7	113.5
97	64.8	51.3	76.9
132	27.3	22.7	34.1





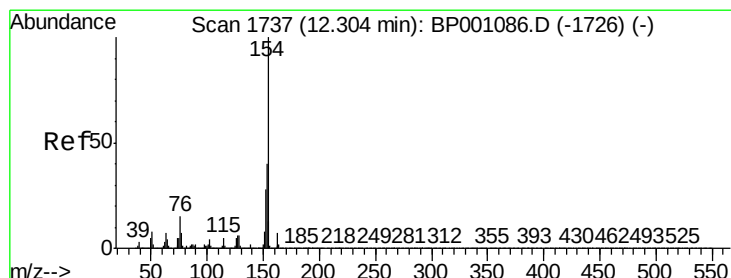
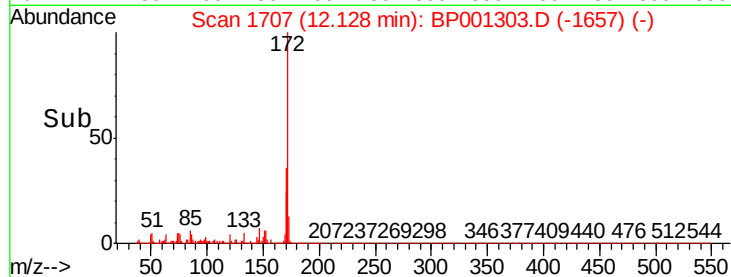
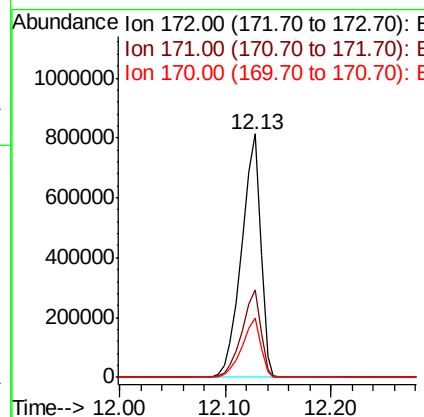
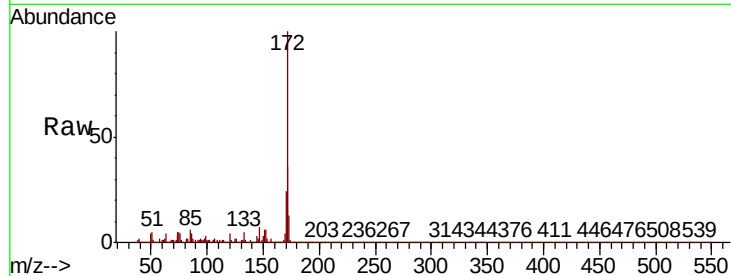
#45
2-Fluorobiphenyl
Concen: 108.998 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	24.1	19.2	28.8

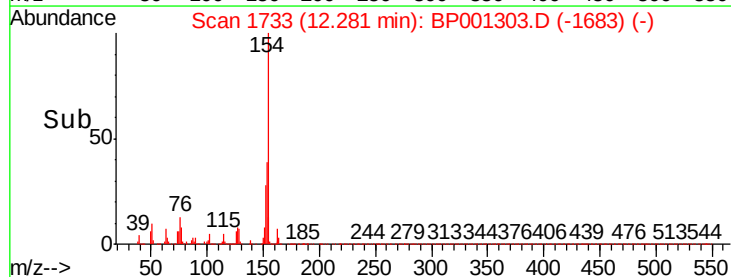
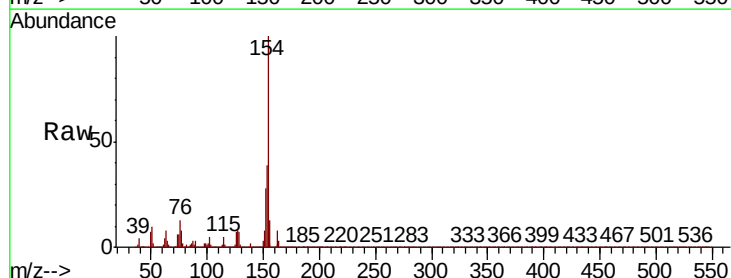
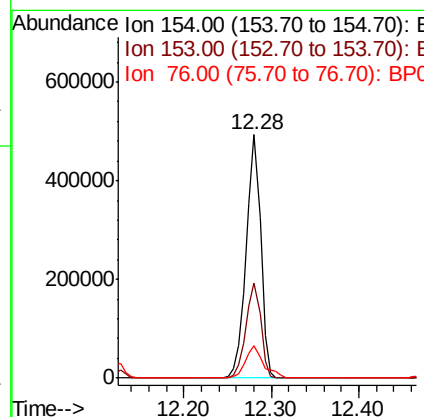
Manual Integrations
APPROVED

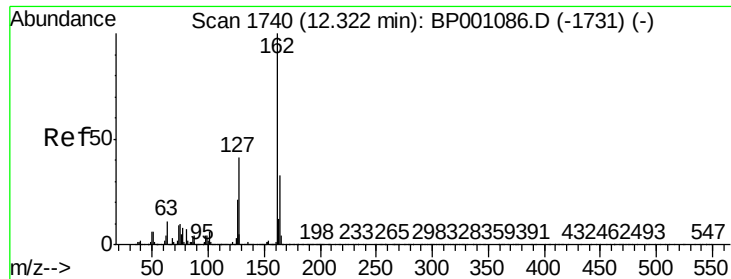
mohammad
12/11/2019 12:31:04 PM



#46
1,1'-Biphenyl
Concen: 51.792 ng
RT: 12.28 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	19.3	59.3
76	13.3	0.0	34.2





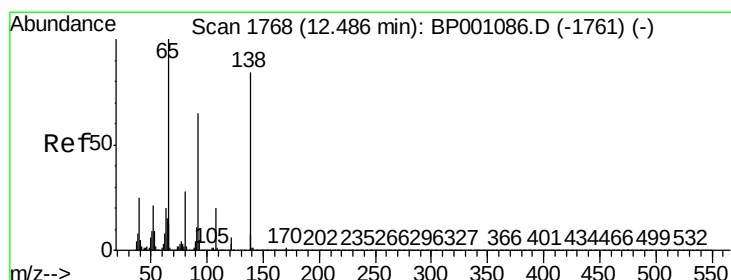
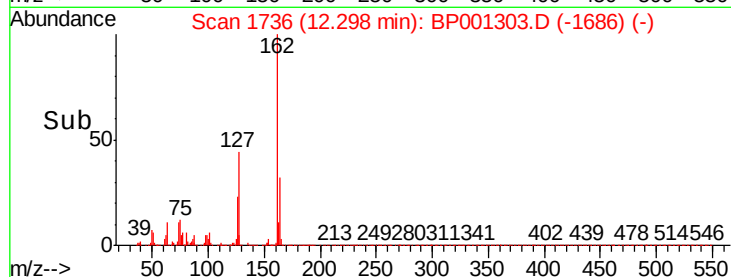
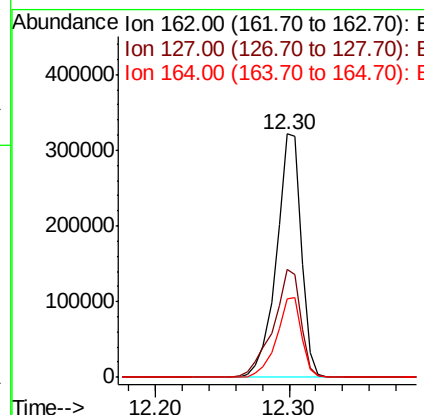
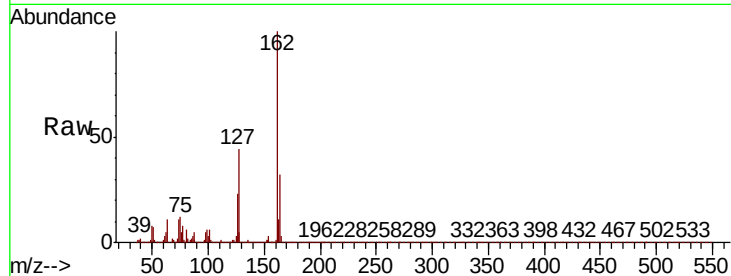
#47
2-Chloronaphthalene
Concen: 50.296 ng
RT: 12.30 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion:	162	Resp:	419413
Ion Ratio	Lower	Upper	
162	100		
127	44.2	34.4	51.6
164	32.4	26.2	39.4

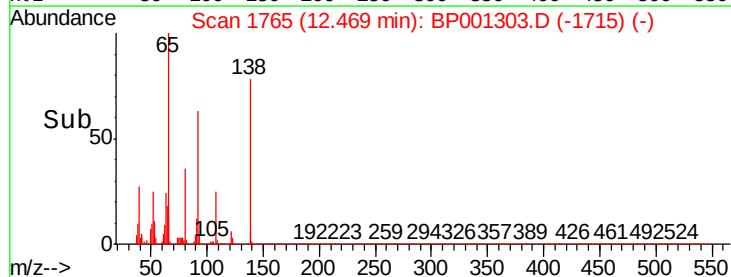
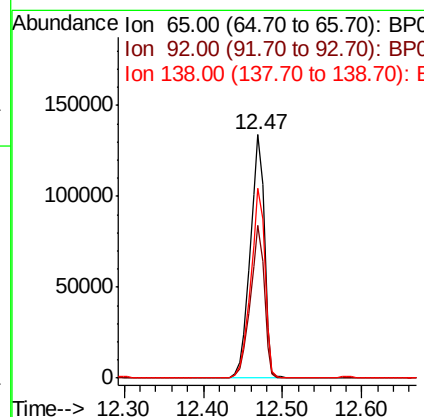
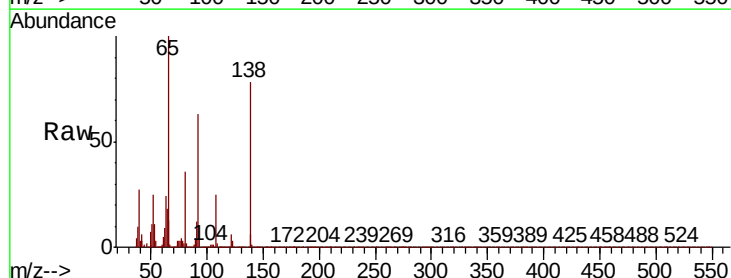
Manual Integrations
APPROVED

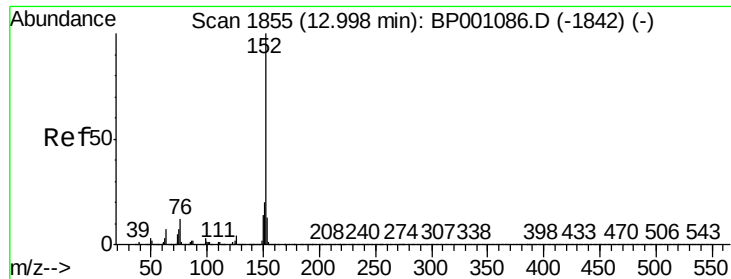
mohammad
12/11/2019 12:31:04 PM



#48
2-Nitroaniline
Concen: 51.105 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion:	65	Resp:	167021
Ion Ratio	Lower	Upper	
65	100		
92	62.8	49.4	74.2
138	77.9	64.8	97.2





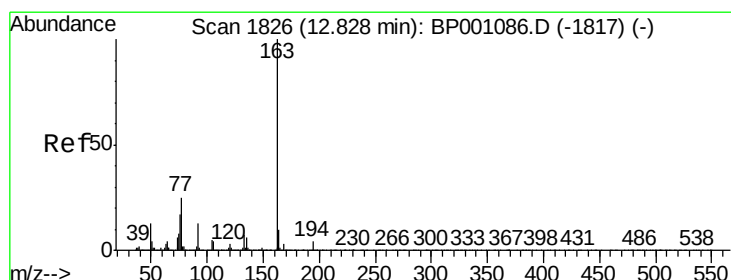
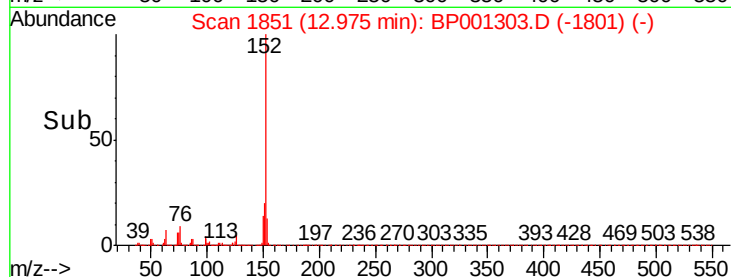
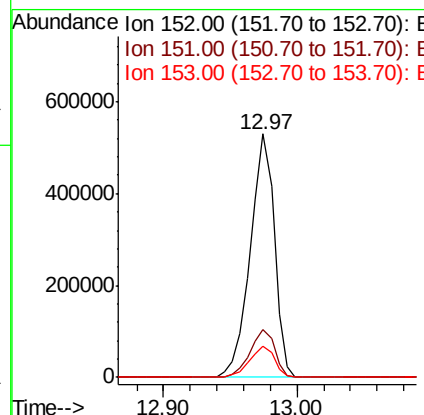
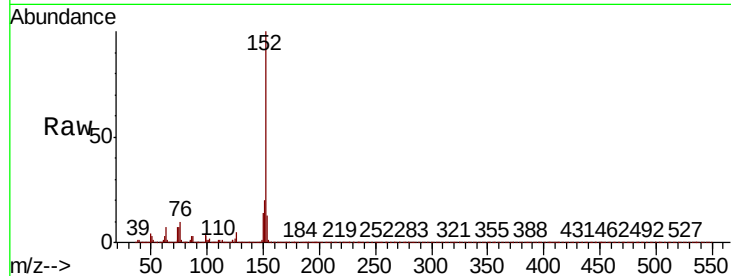
#49
Acenaphthylene
Concen: 52.375 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	12.7	10.3	15.5

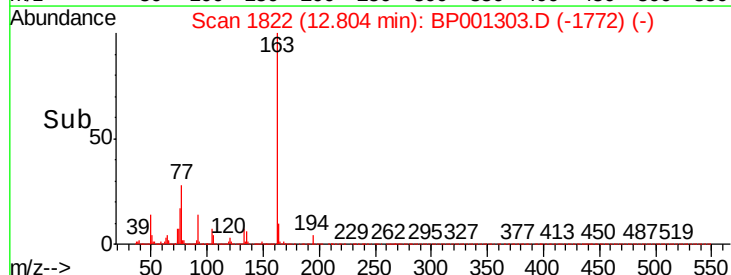
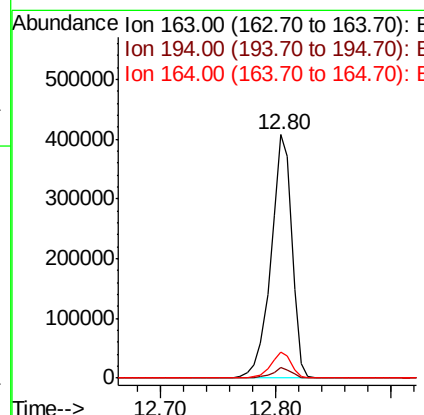
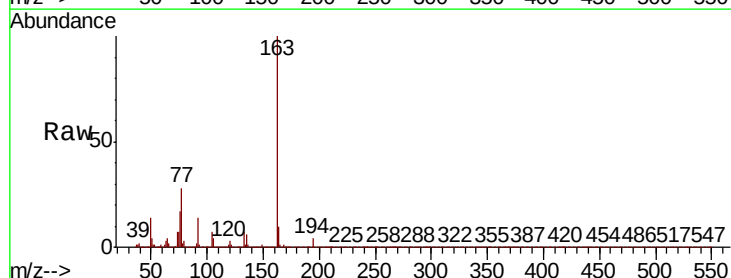
Manual Integrations
APPROVED

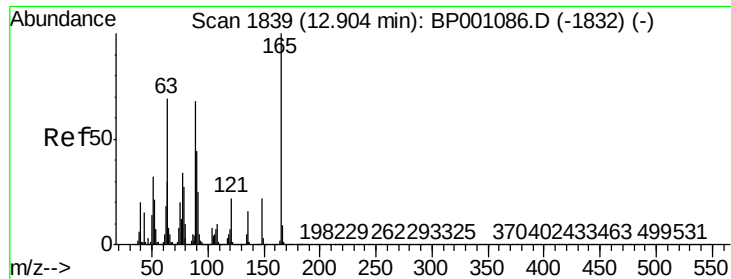
mohammad
12/11/2019 12:31:04 PM



#50
Dimethylphthalate
Concen: 51.097 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.4	8.2	12.4





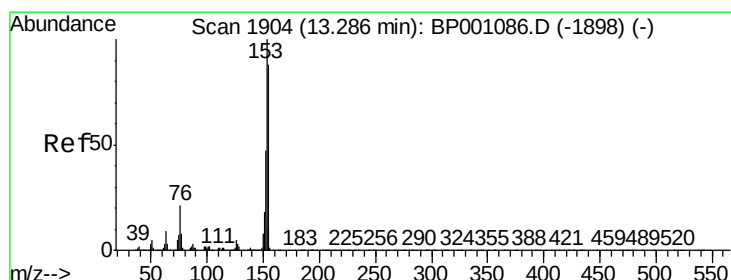
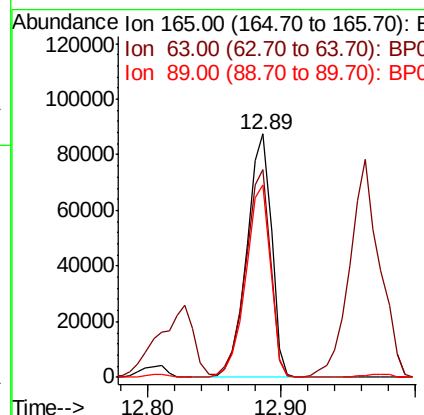
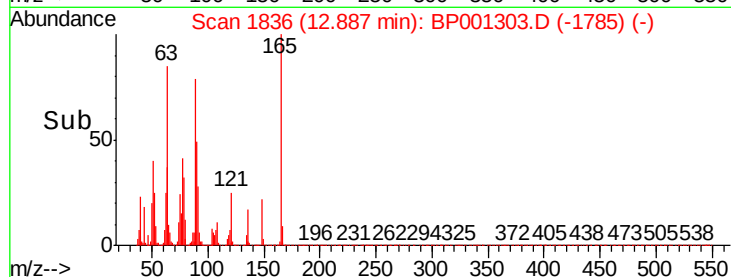
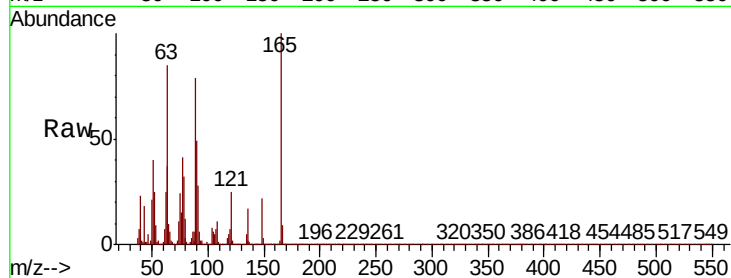
#51
2,6-Dinitrotoluene
Concen: 51.194 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	110715		
63	85.1	64.1	96.1	
89	79.1	61.8	92.6	

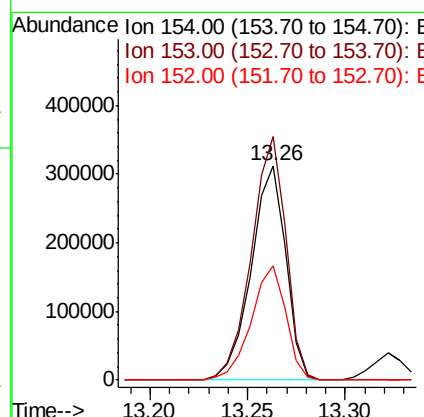
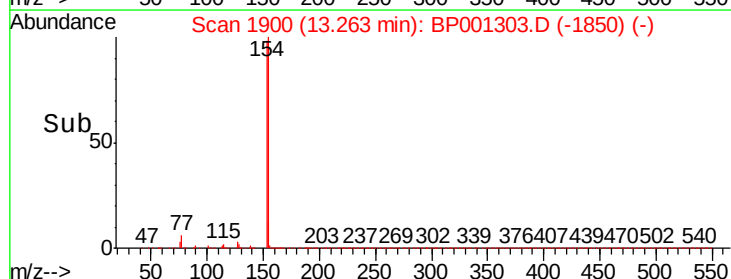
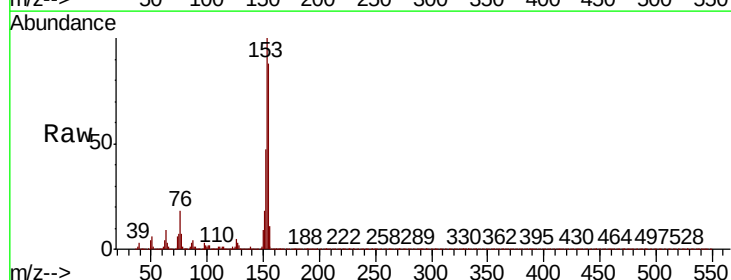
Manual Integrations
APPROVED

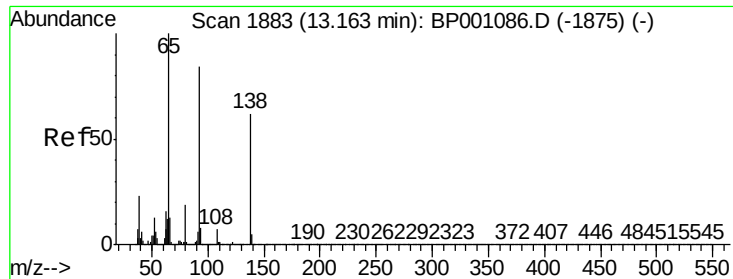
mohammad
12/11/2019 12:31:04 PM



#52
Acenaphthene
Concen: 51.106 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	384266		
153	113.5	90.3	135.5	
152	53.2	42.9	64.3	





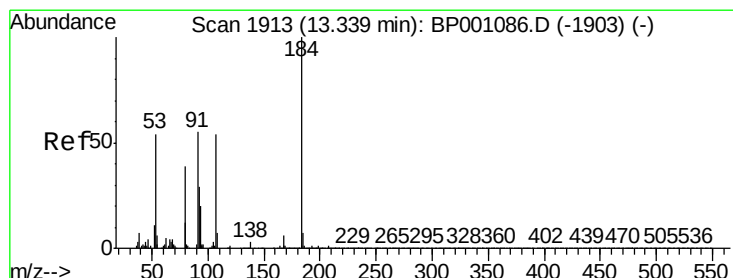
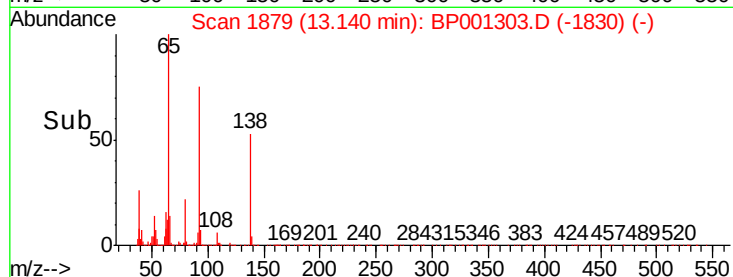
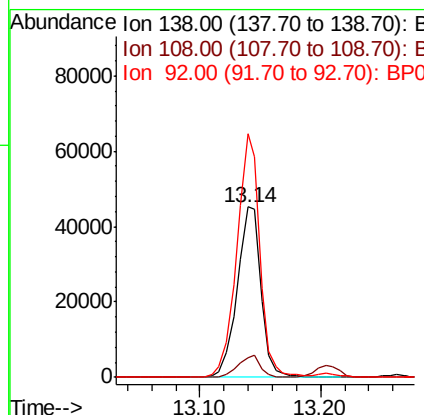
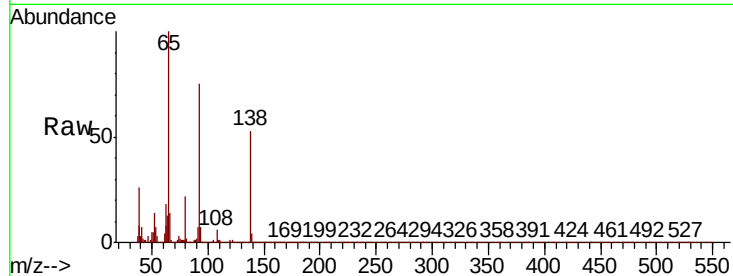
#53
3-Nitroaniline
Concen: 25.580 ng
RT: 13.14 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	10.1	15.1
92	142.7	113.1	169.7

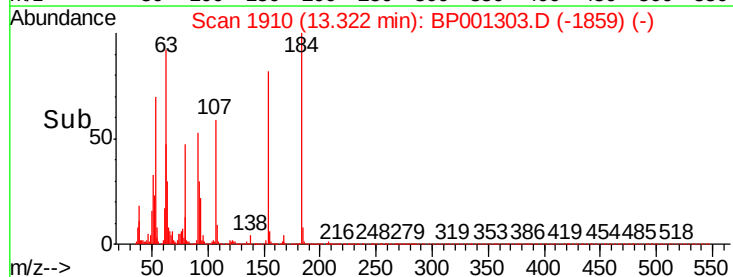
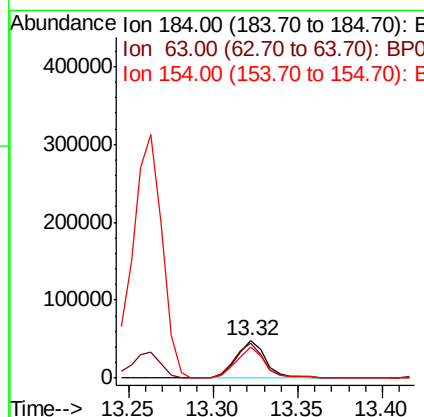
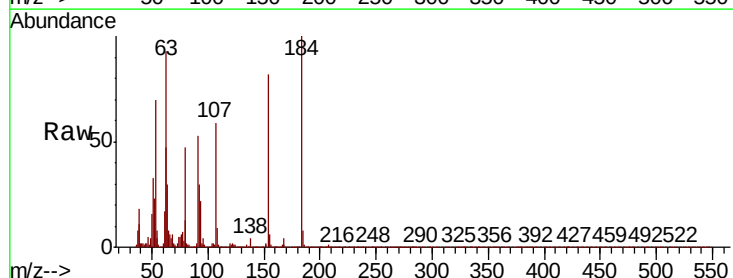
Manual Integrations
APPROVED

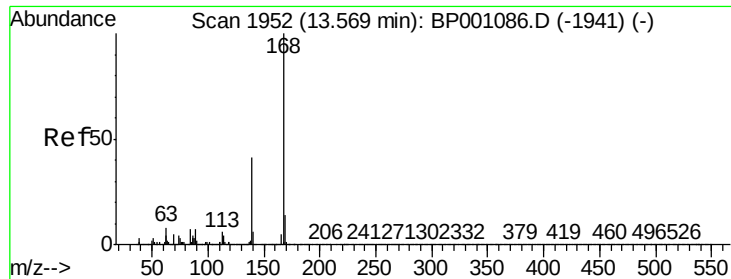
mohammad
12/11/2019 12:31:04 PM



#54
2,4-Dinitrophenol
Concen: 66.433 ng
RT: 13.32 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	92.7	69.4	104.0
154	82.3	57.4	86.2





#55

Dibenzofuran

Concen: 53.984 ng

RT: 13.55 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

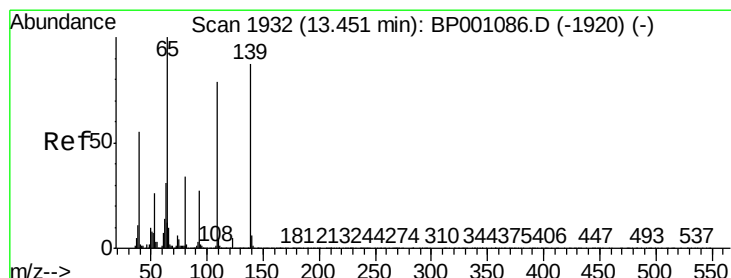
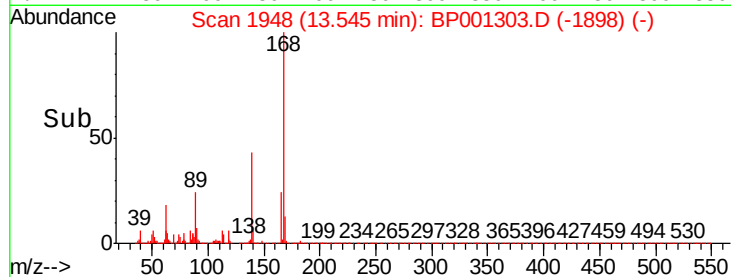
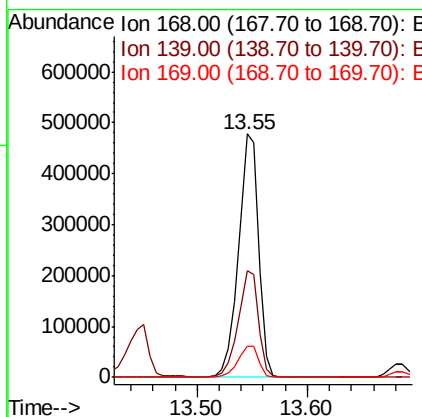
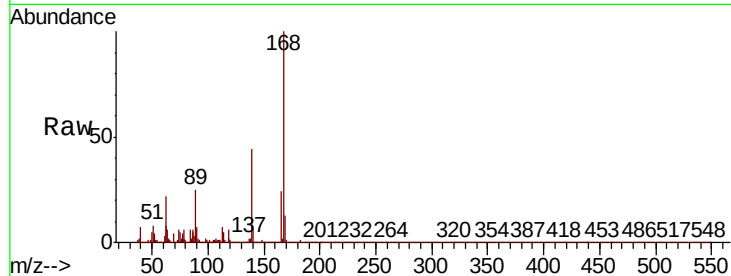
ClientSampleId :

CL-01-120619MS

Tot Ion:	168	Resp:	609948
Ion Ratio	Lower	Upper	
168	100		
139	43.6	34.5	51.7
169	12.8	10.8	16.2

Manual Integrations
APPROVED

mohammad
12/11/2019 12:31:04 PM



#56

4-Nitrophenol

Concen: 85.156 ng

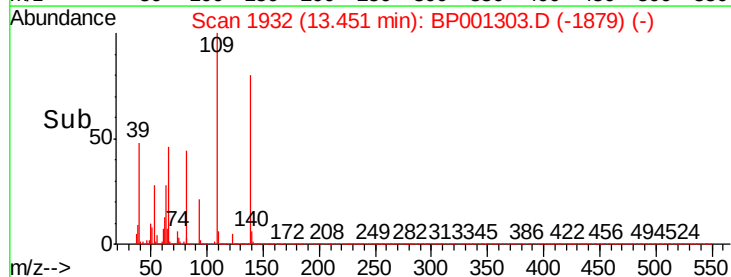
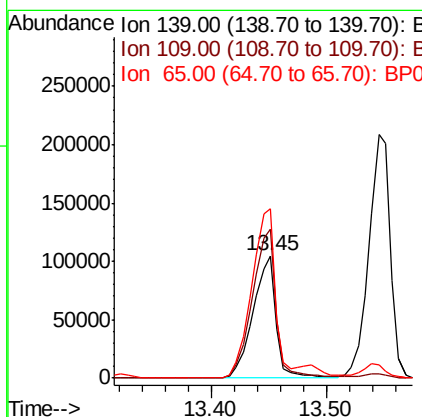
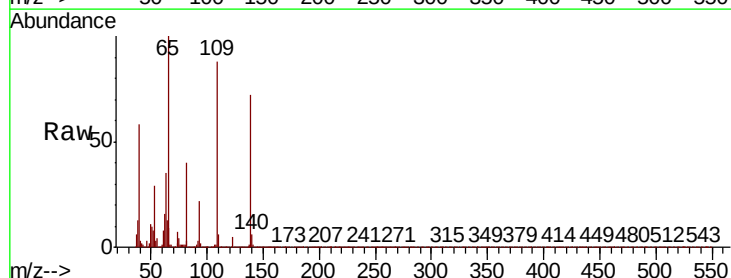
RT: 13.45 min Scan# 1932

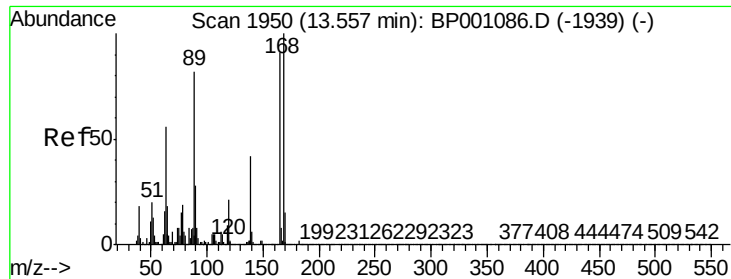
Delta R.T. 0.01 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Tgt Ion:	139	Resp:	146595
Ion Ratio	Lower	Upper	
139	100		
109	121.9	87.8	127.8
65	138.2	111.9	151.9





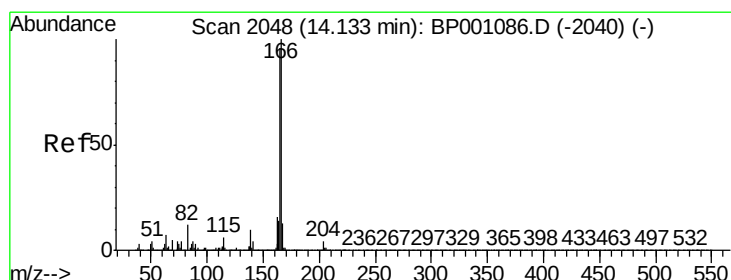
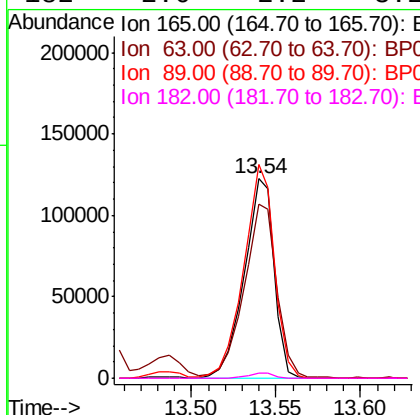
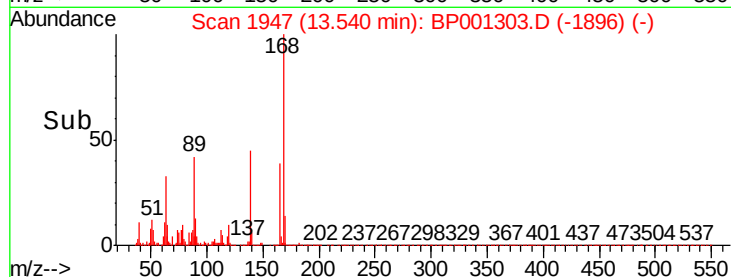
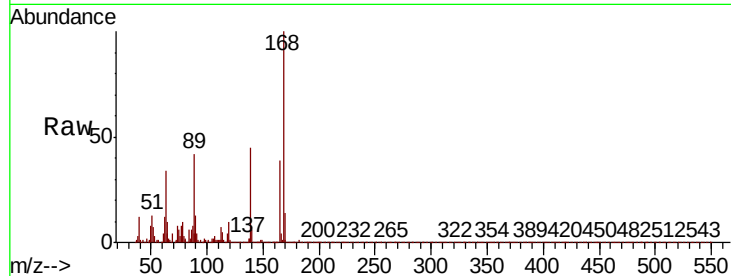
#57
2,4-Dinitrotoluene
Concen: 55.653 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	87.7	58.3	87.5#	
89	107.3	79.8	119.8	
182	2.6	2.2	3.2	

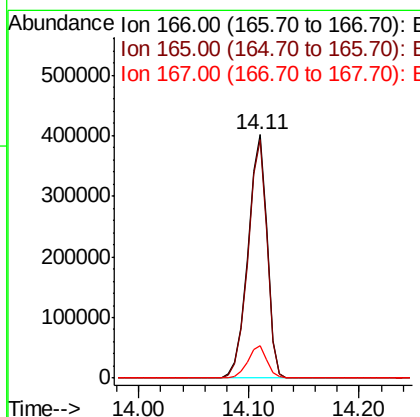
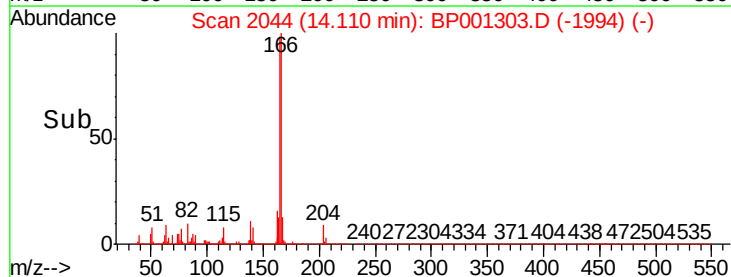
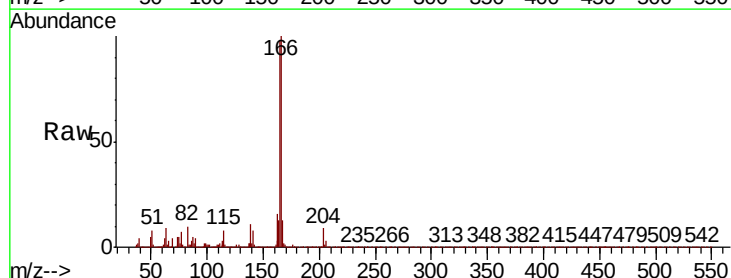
Manual Integrations
APPROVED

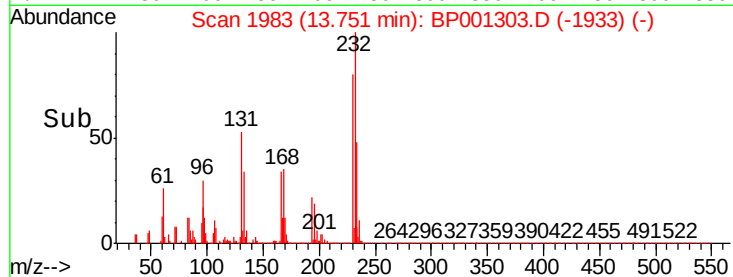
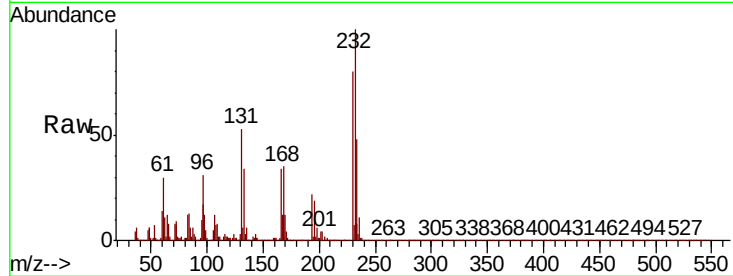
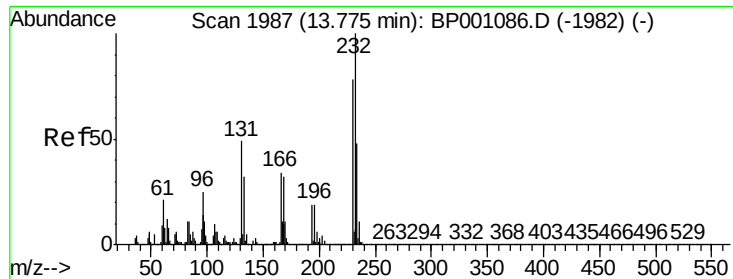
mohammad
12/11/2019 12:31:04 PM



#58
Fluorene
Concen: 53.716 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.7	77.8	116.8	
167	13.1	10.5	15.7	





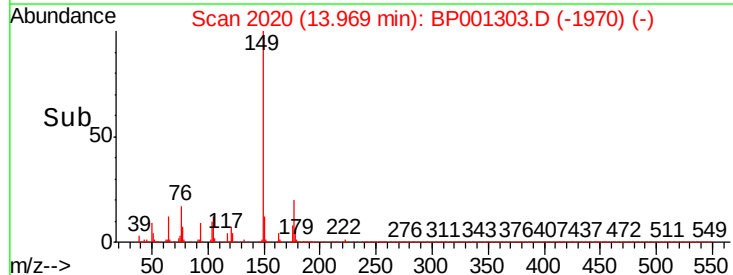
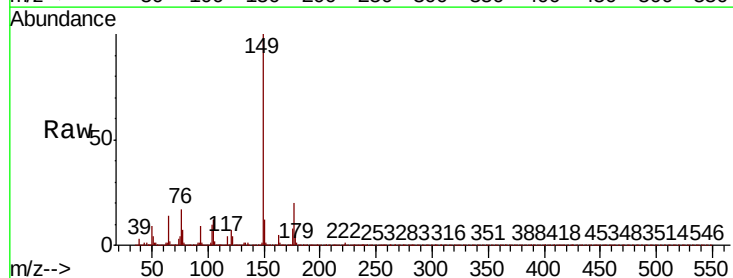
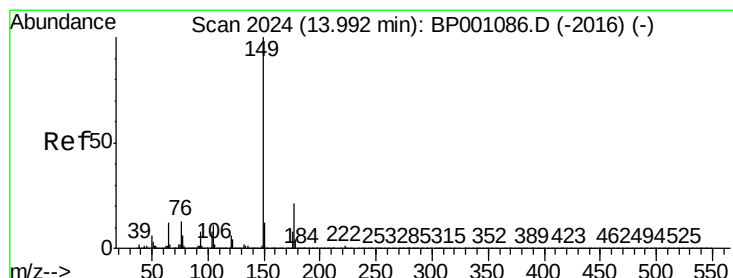
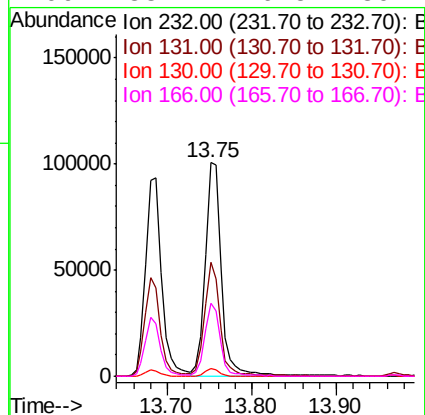
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.015 ng
RT: 13.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.5	41.4	62.0
130	3.3	2.2	3.4
166	33.1	26.5	39.7

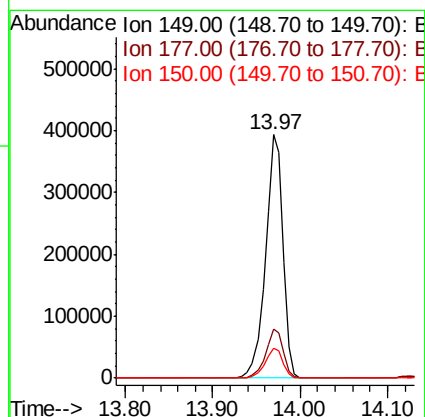
Manual Integrations
APPROVED

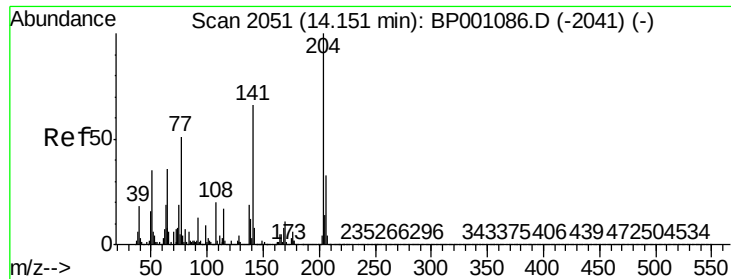
mohammad
12/11/2019 12:31:04 PM



#60
Diethylphthalate
Concen: 51.111 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.2	17.0	25.4
150	12.4	10.2	15.2





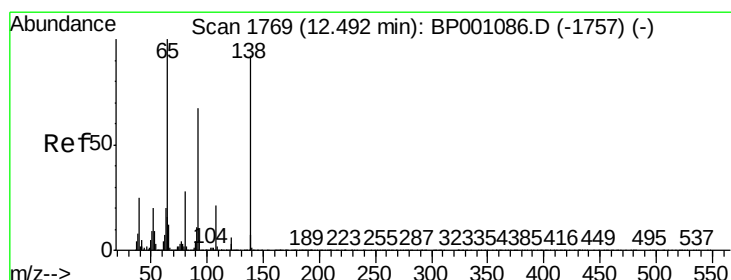
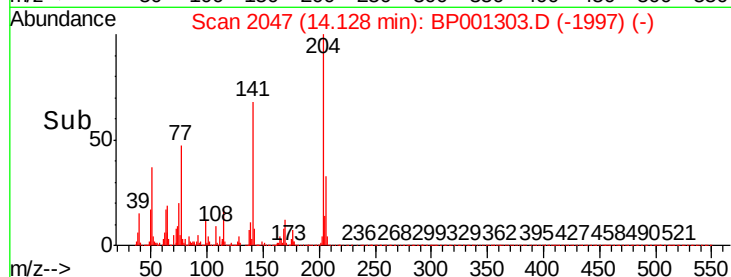
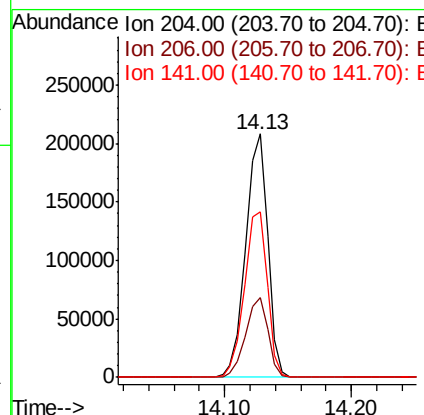
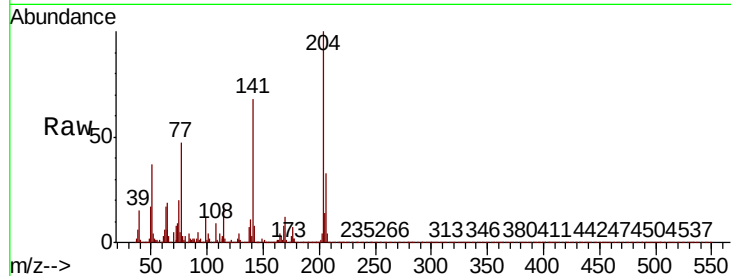
#61
4-Chlorophenyl-phenylether
Concen: 54.060 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	32.6	26.2	39.2
141	67.9	54.9	82.3

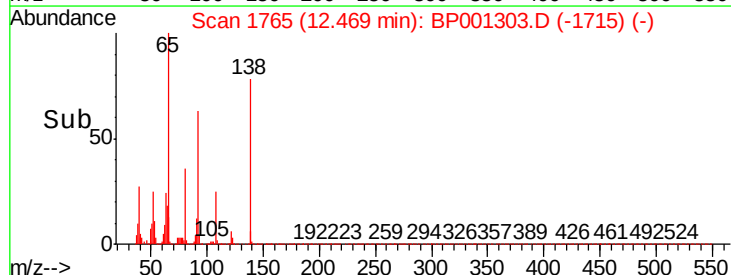
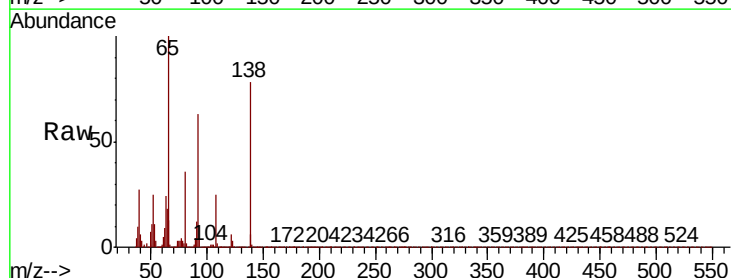
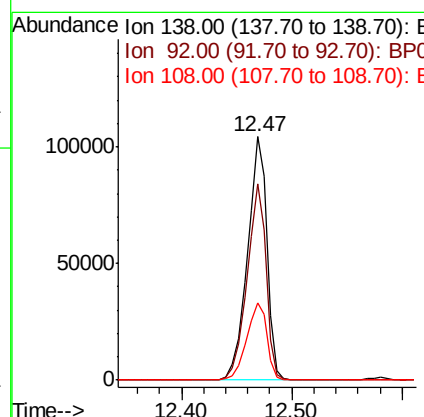
Manual Integrations
APPROVED

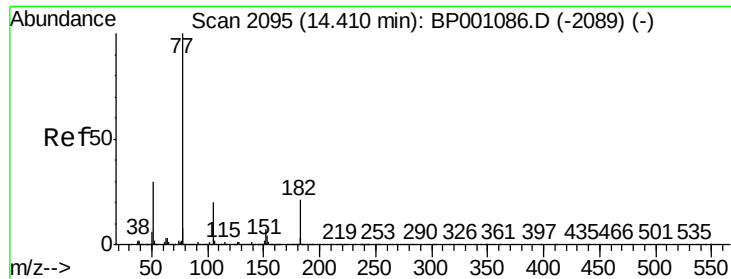
mohammad
12/11/2019 12:31:04 PM



#62
4-Nitroaniline
Concen: 46.015 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	80.6	56.3	96.3
108	31.9	8.3	48.3





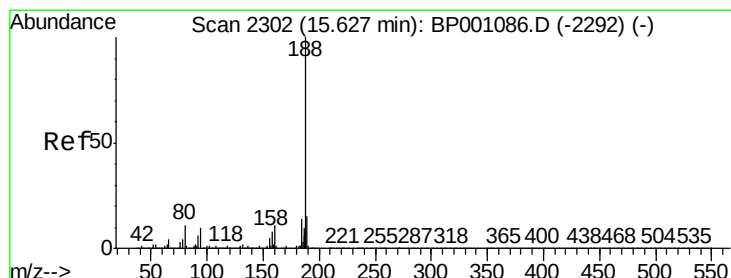
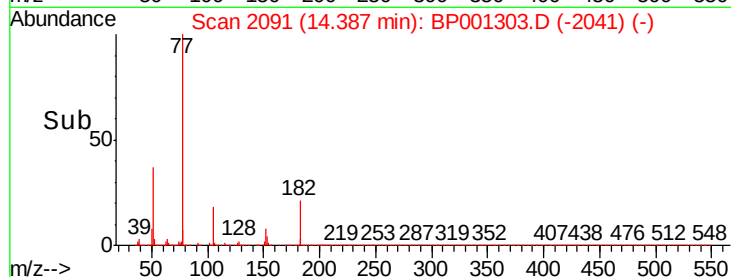
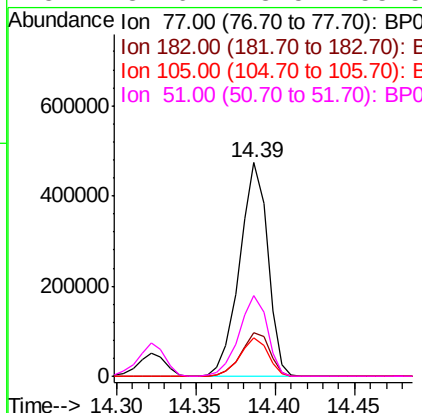
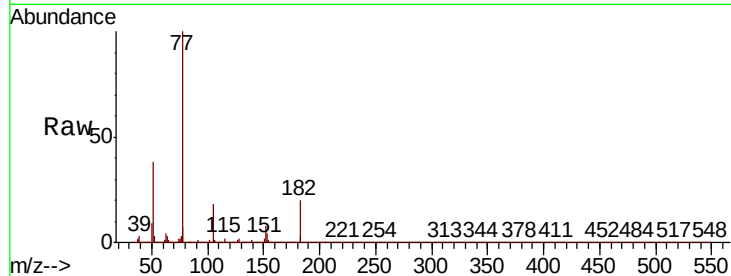
#63
Azobenzene
Concen: 51.720 ng
RT: 14.39 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	20.5	1.1	41.1
105	18.2	0.0	39.5
51	37.6	13.5	53.5

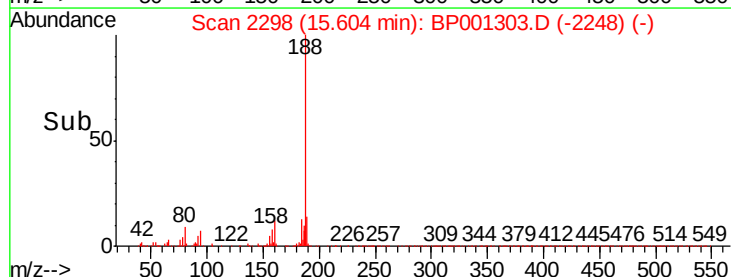
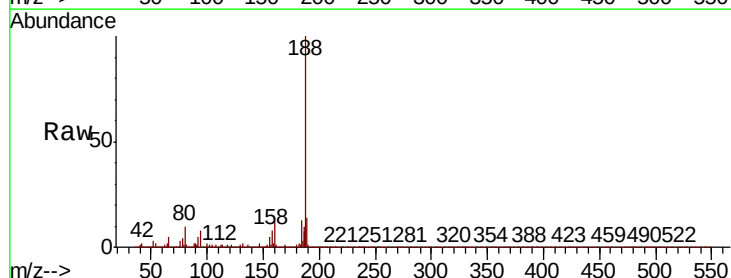
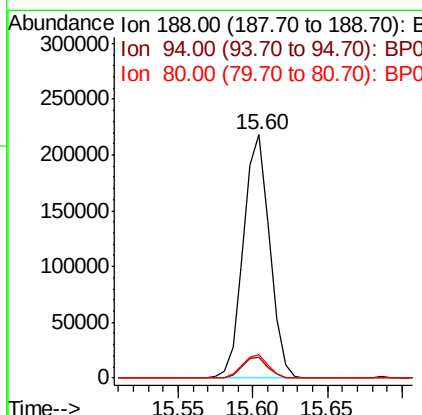
Manual Integrations
APPROVED

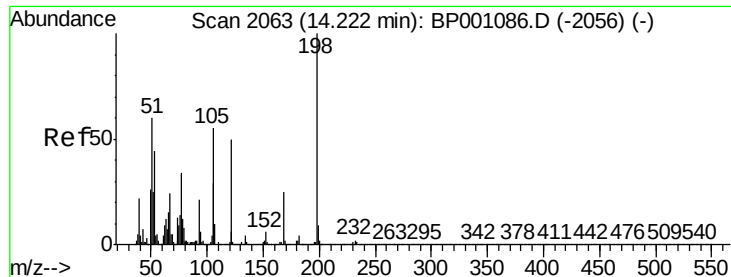
mohammad
12/11/2019 12:31:04 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	9.8	7.8	11.6





#65

4,6-Dinitro-2-methylphenol

Concen: 44.299 ng

RT: 14.21 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

ClientSampleId :

CL-01-120619MS

Tot Ion:198 Resp: 49734

Ion Ratio Lower Upper

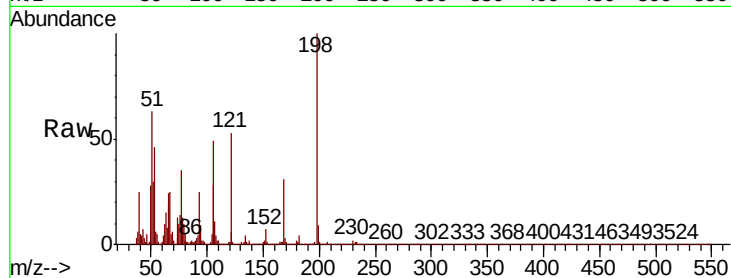
198 100

51 62.9 36.2 76.2

105 48.6 30.2 70.2

Manual Integrations
APPROVED

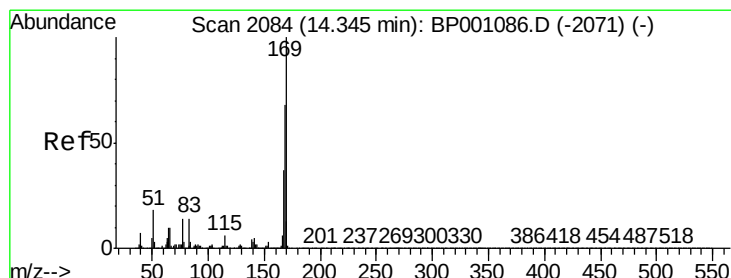
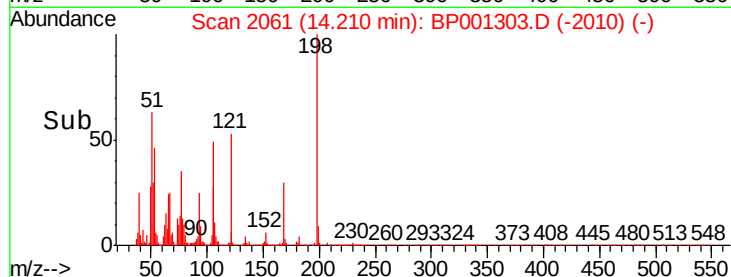
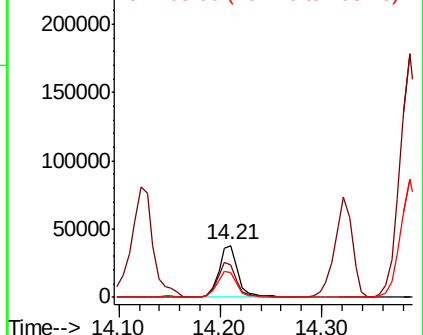
mohammad
12/11/2019 12:31:04 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.365 ng

RT: 14.32 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

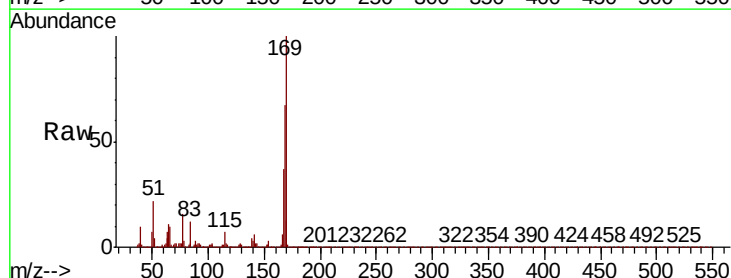
Tgt Ion:169 Resp: 413737

Ion Ratio Lower Upper

169 100

168 67.3 53.7 80.5

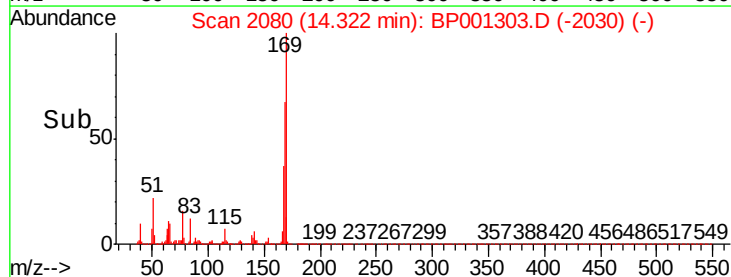
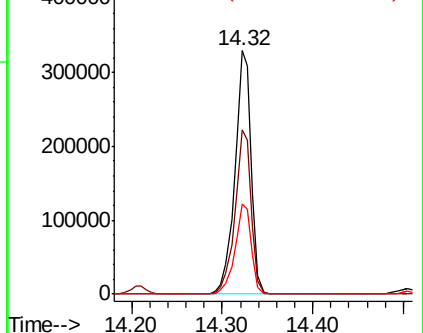
167 37.1 29.1 43.7

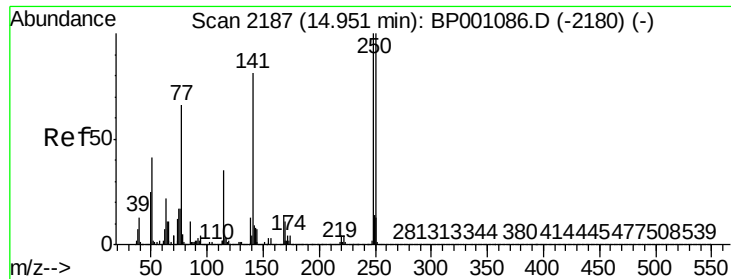


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





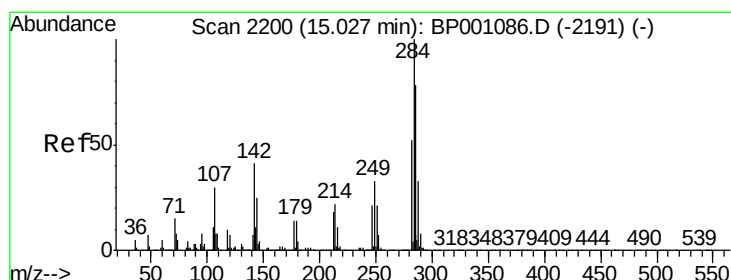
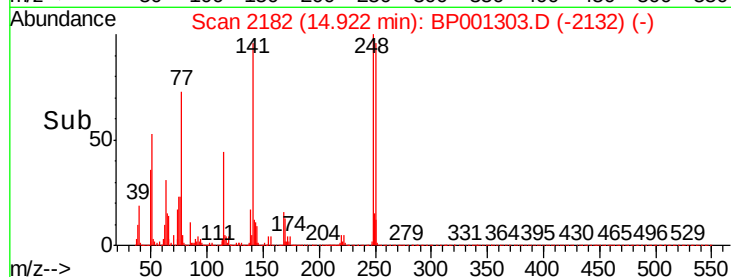
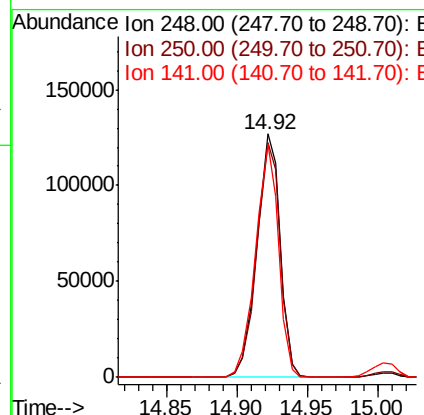
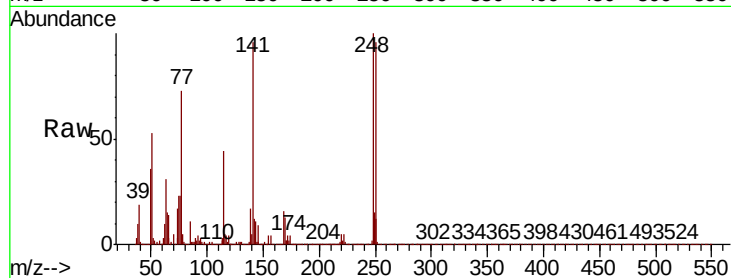
#67
4-Bromophenyl-phenylether
Concen: 51.571 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.6	116.4
141	95.7	74.6	111.8

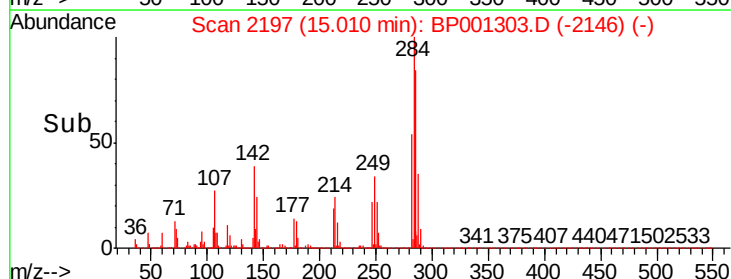
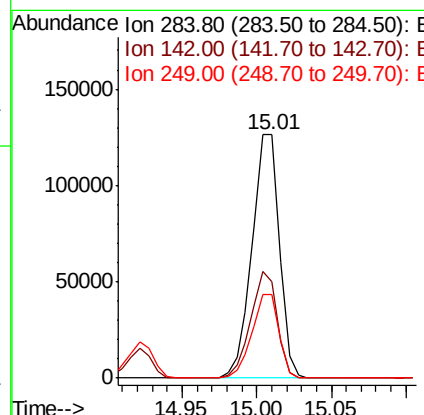
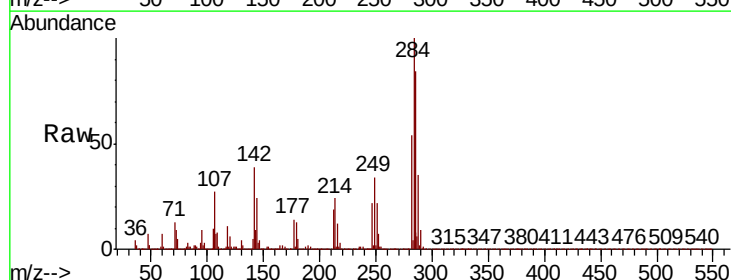
Manual Integrations
APPROVED

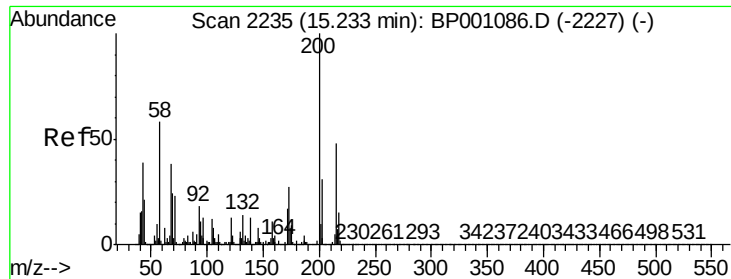
mohammad
12/11/2019 12:31:04 PM



#68
Hexachlorobenzene
Concen: 50.351 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.4	35.0	52.6
249	34.4	27.6	41.4





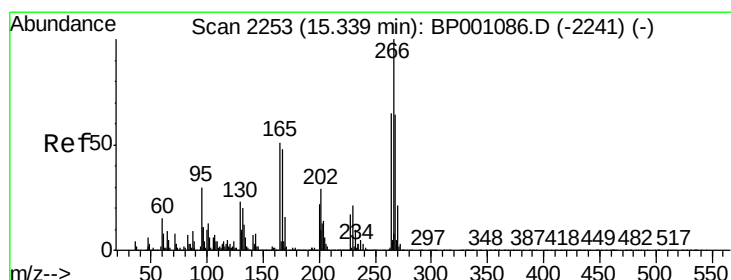
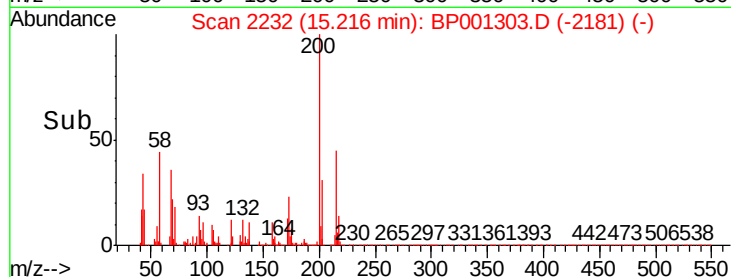
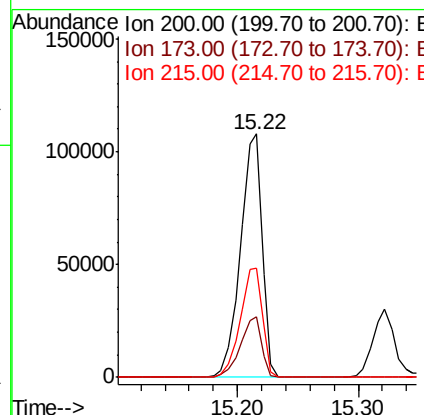
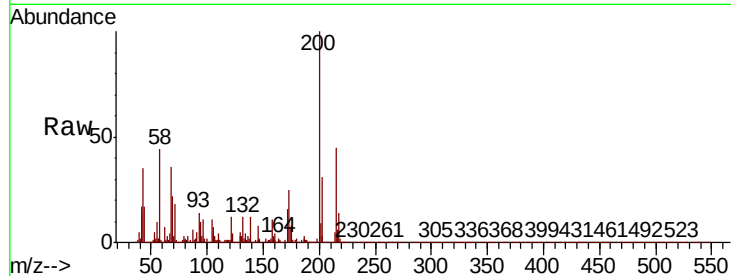
#69
Atrazine
Concen: 55.153 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.6	6.4	46.4
215	44.6	27.7	67.7

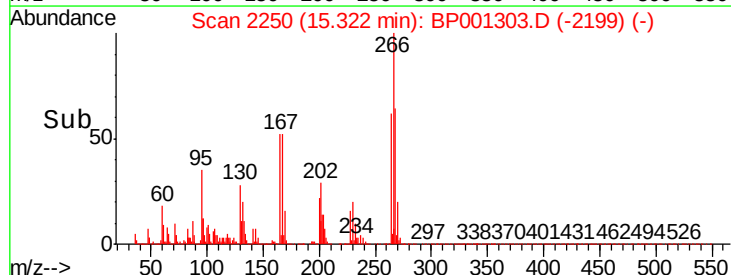
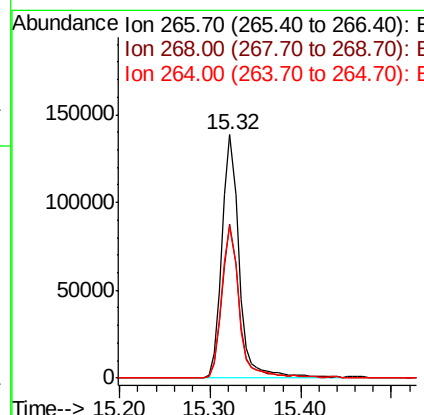
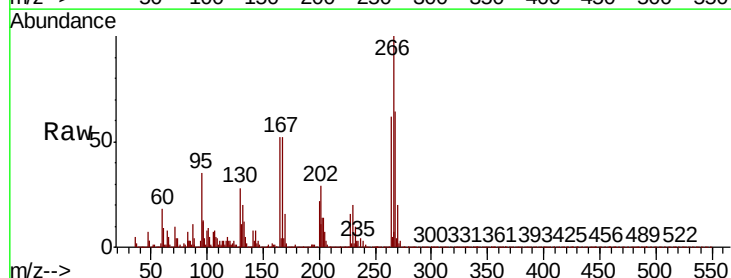
Manual Integrations
APPROVED

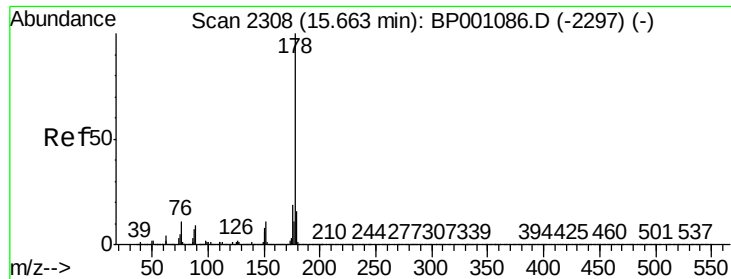
mohammad
12/11/2019 12:31:04 PM



#70
Pentachlorophenol
Concen: 111.290 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	50.6	76.0
264	62.4	49.9	74.9





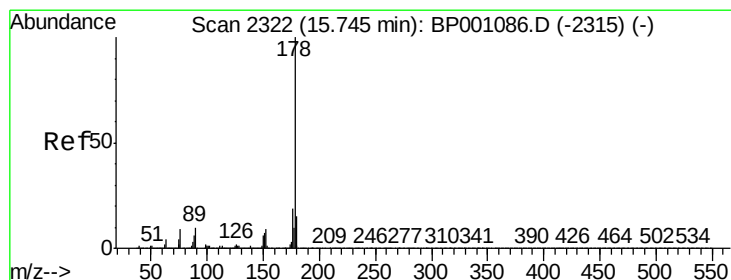
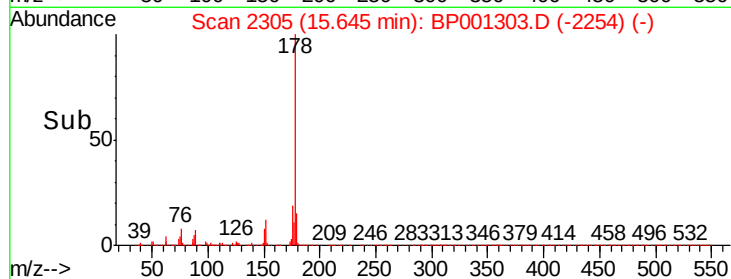
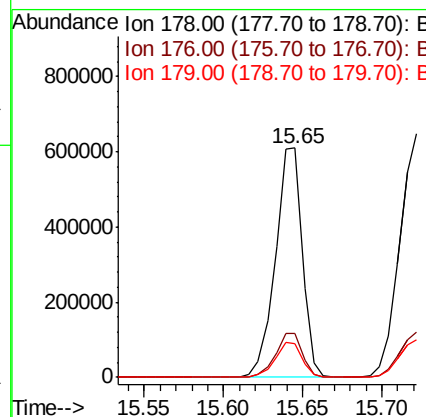
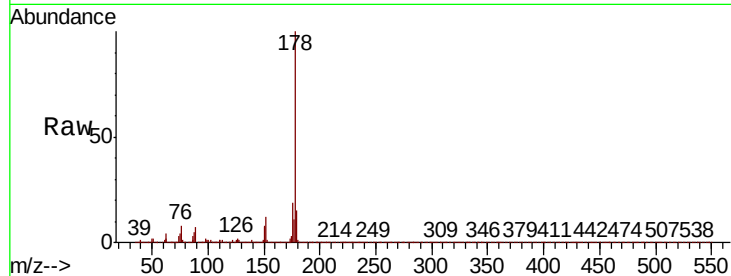
#71
Phenanthrene
Concen: 52.021 ng
RT: 15.65 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	14.7	12.4	18.6

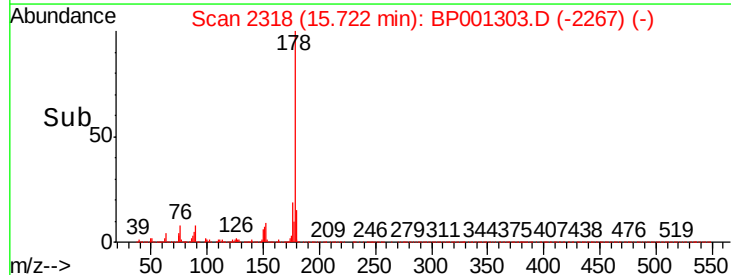
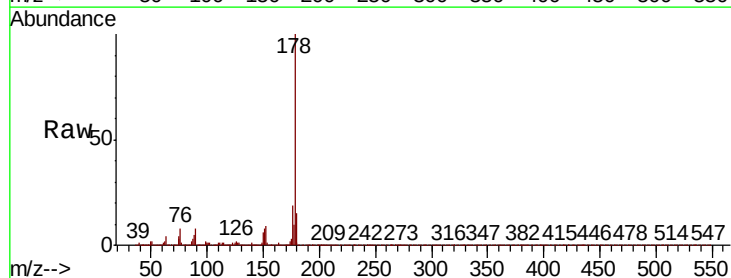
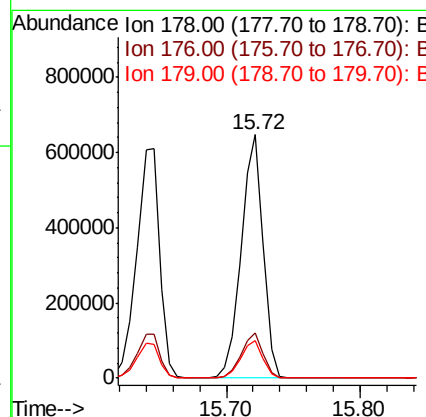
Manual Integrations
APPROVED

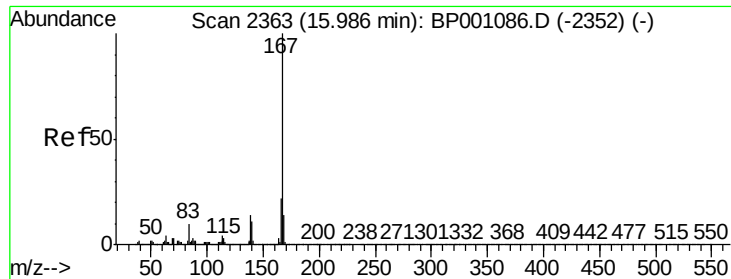
mohammad
12/11/2019 12:31:04 PM



#72
Anthracene
Concen: 53.506 ng
RT: 15.72 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.2	12.7	19.1





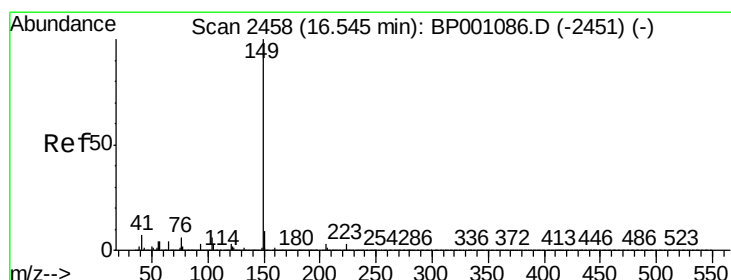
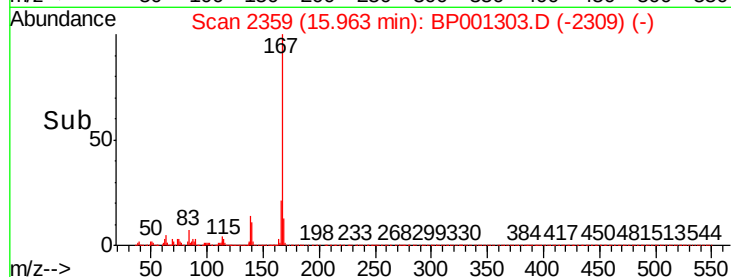
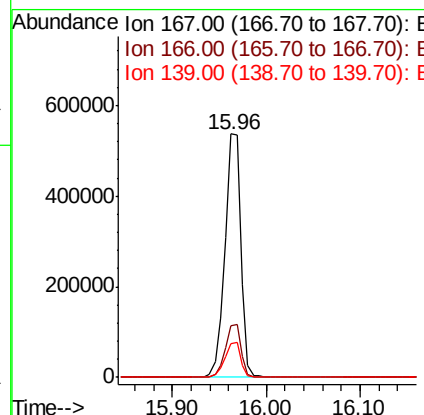
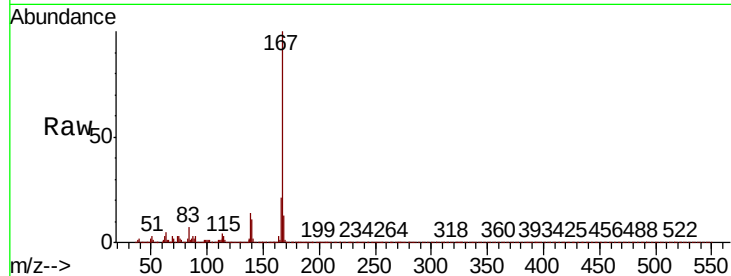
#73
 Carbazole
 Concen: 51.015 ng
 RT: 15.96 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BP001303.D
 Acq: 10 Dec 2019 19:24

Instrument :
 BNA_P
 ClientSampleId :
 CL-01-120619MS

Tot Ion:	167	Resp:	637688
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.4	26.0
139	14.1	11.4	17.0

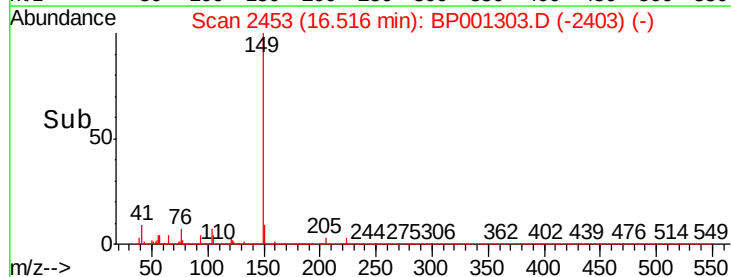
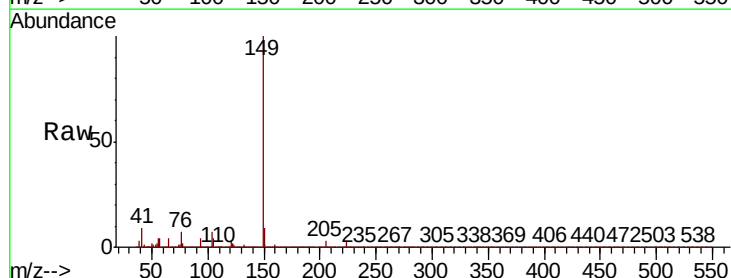
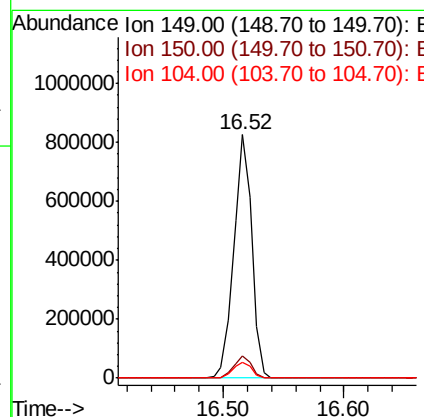
Manual Integrations
 APPROVED

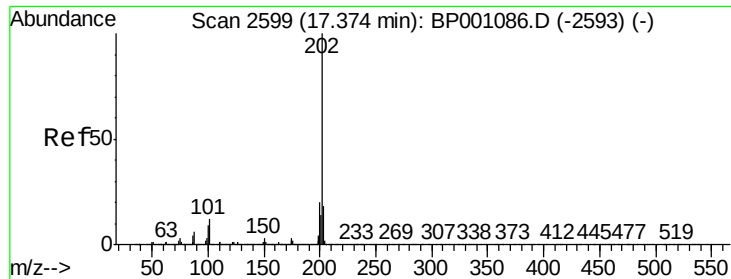
mohammad
 12/11/2019 12:31:04 PM



#74
 Di-n-butylphthalate
 Concen: 50.717 ng
 RT: 16.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BP001303.D
 Acq: 10 Dec 2019 19:24

Tgt Ion:	149	Resp:	852387
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.4	11.0
104	6.6	5.0	7.4





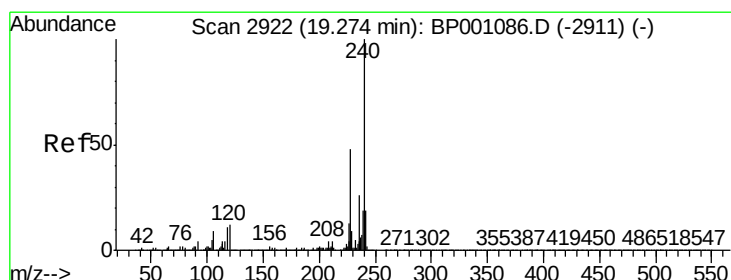
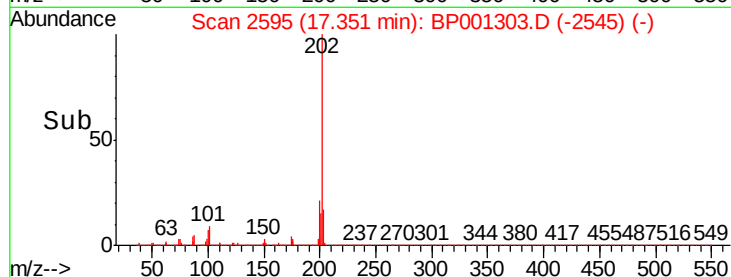
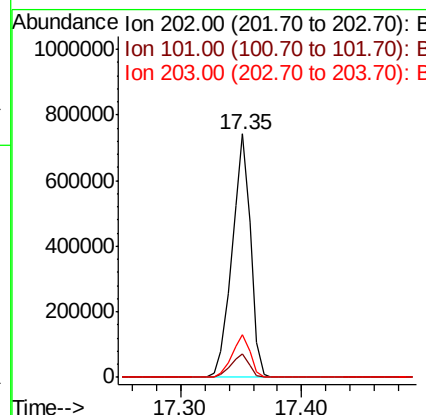
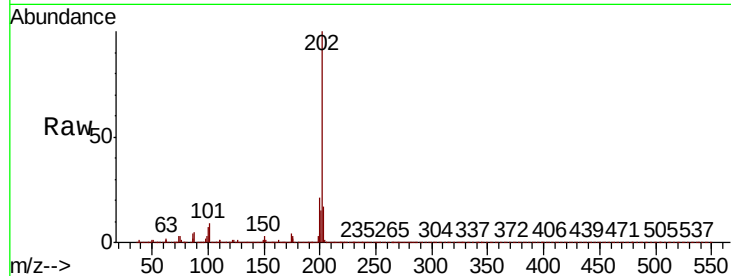
#75
Fluoranthene
Concen: 52.912 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	0.0	30.0
203	17.3	0.0	37.1

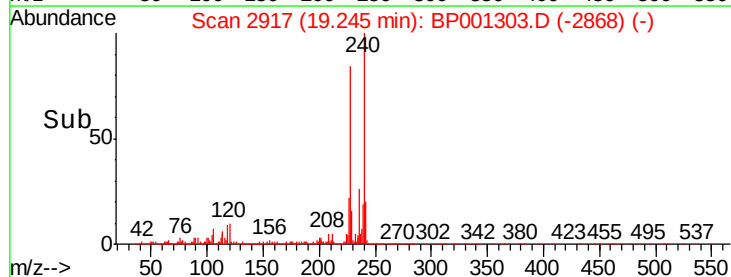
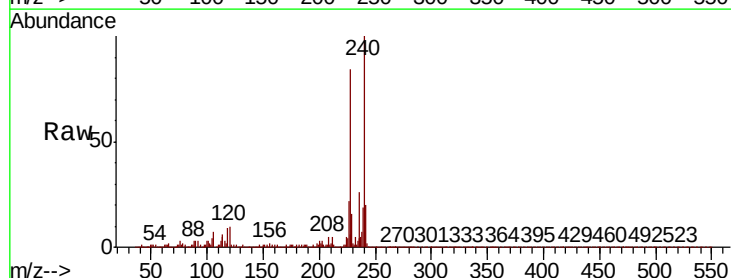
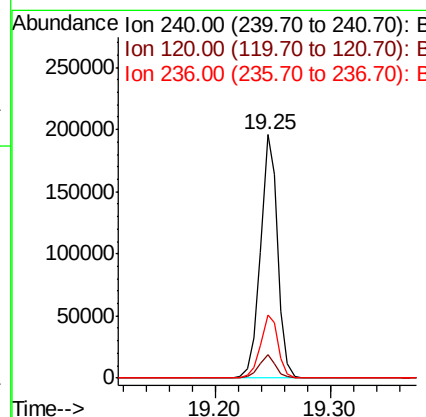
Manual Integrations
APPROVED

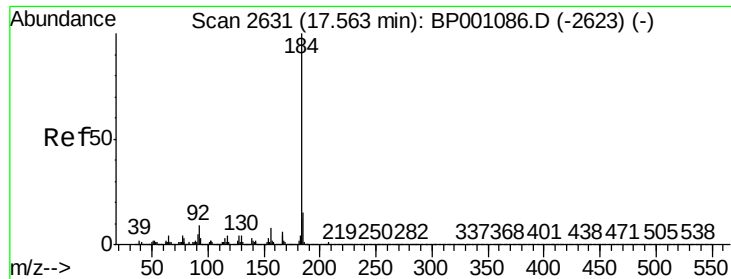
mohammad
12/11/2019 12:31:04 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.7	7.0	10.6
236	25.8	21.7	32.5





#77

Benzidine

Concen: 43.057 ng

RT: 17.54 min Scan# 2627

Delta R.T. -0.01 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

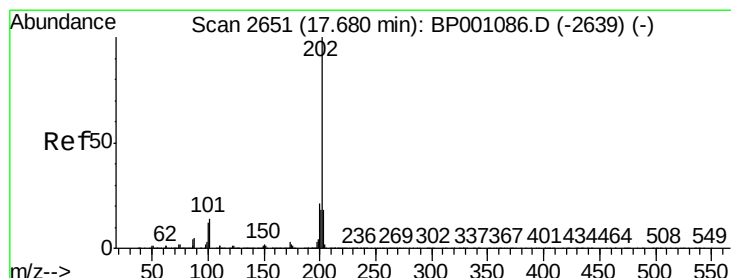
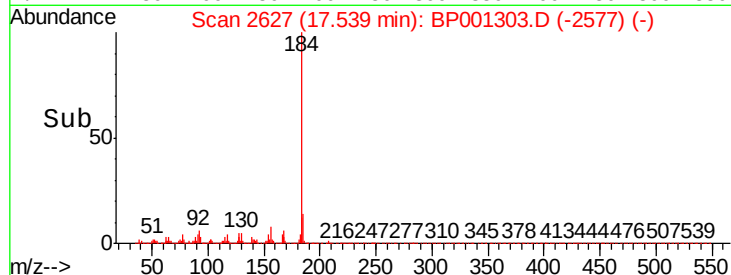
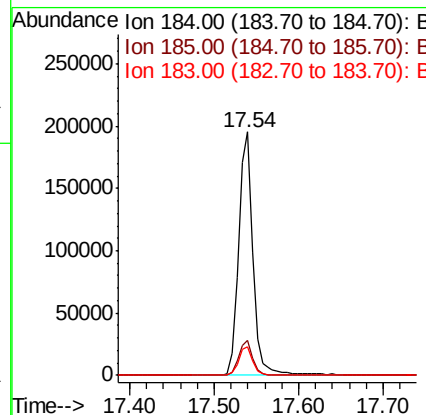
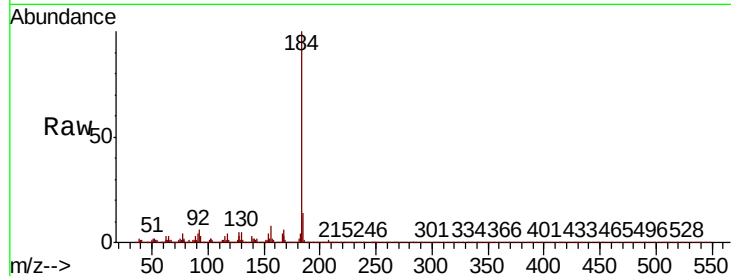
ClientSampleId :

CL-01-120619MS

Tot Ion:	184	Resp:	224460
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.4	17.0
183	11.5	9.0	13.4

Manual Integrations
APPROVED

mohammad
12/11/2019 12:31:04 PM



#78

Pyrene

Concen: 49.752 ng

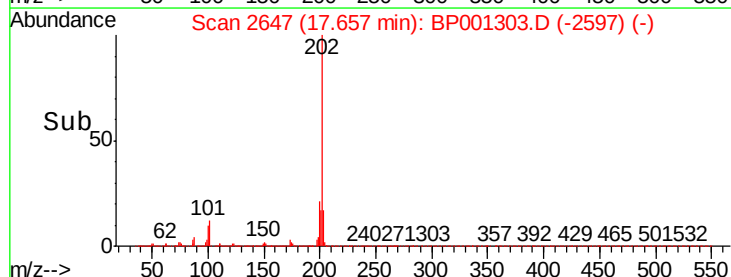
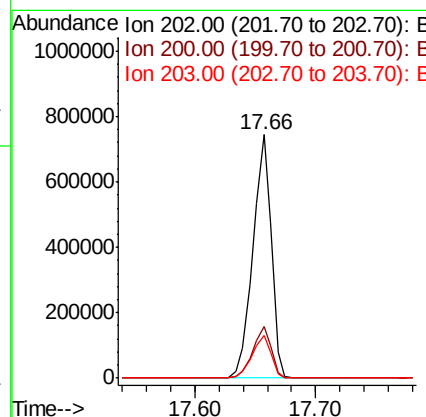
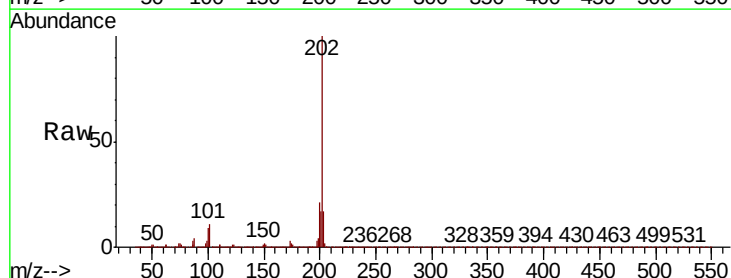
RT: 17.66 min Scan# 2647

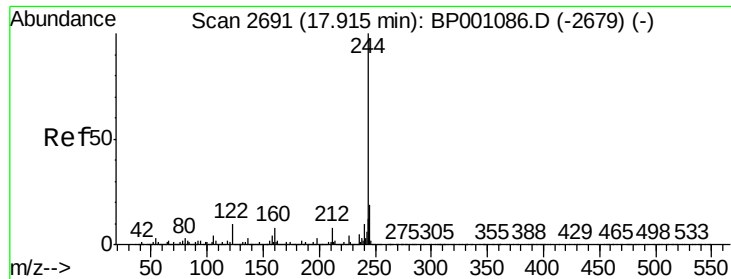
Delta R.T. -0.01 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Tgt Ion:	202	Resp:	791182
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.3	25.9
203	17.3	13.8	20.8





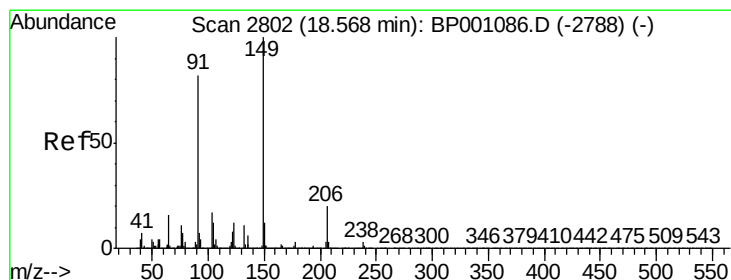
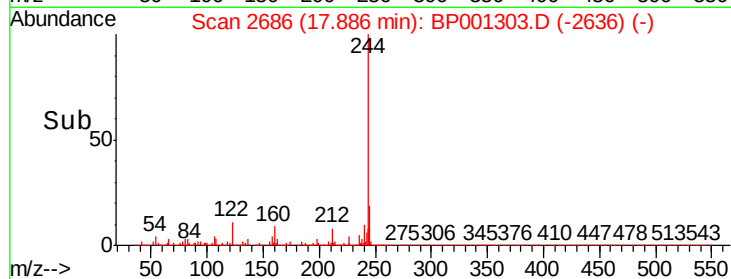
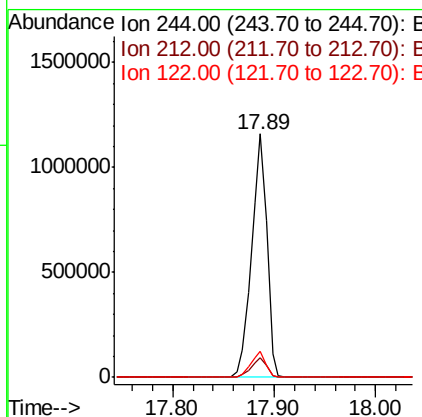
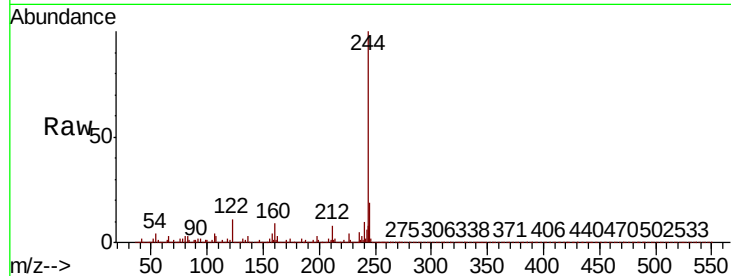
#79
 Terphenyl-d14
 Concen: 111.163 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.01 min
 Lab File: BP001303.D
 Acq: 10 Dec 2019 19:24

Instrument :
 BNA_P
 ClientSampleId :
 CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	10.5	9.2	13.8

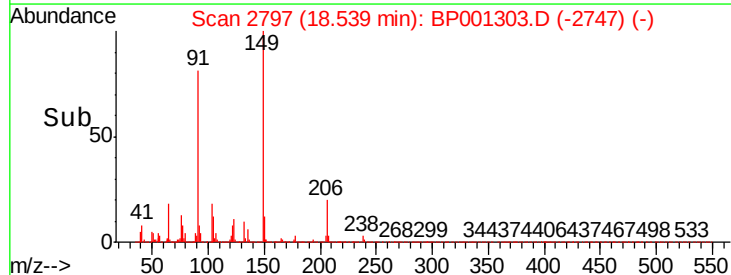
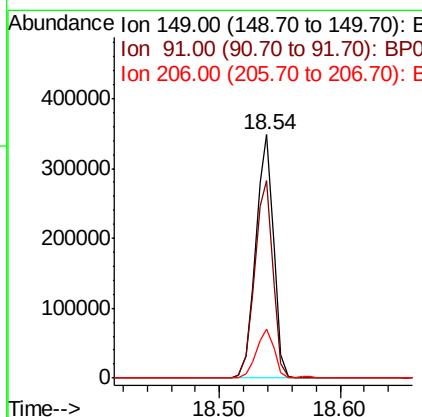
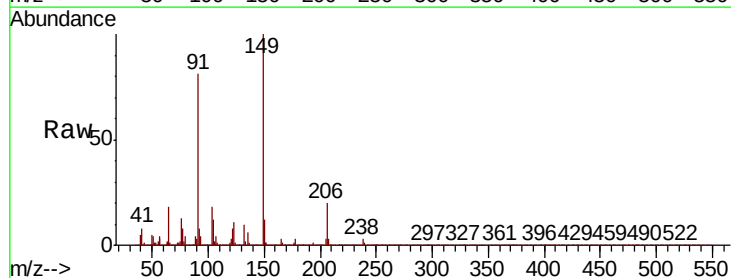
Manual Integrations
 APPROVED

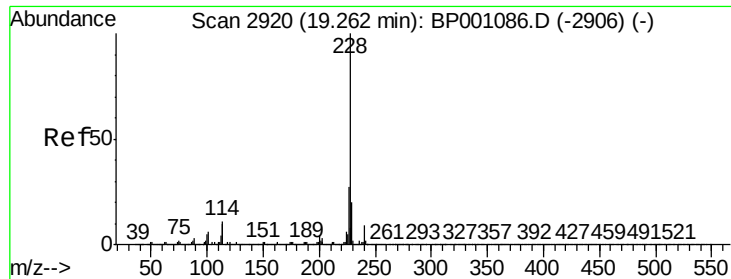
mohammad
 12/11/2019 12:31:04 PM



#80
 Butylbenzylphthalate
 Concen: 48.964 ng
 RT: 18.54 min Scan# 2797
 Delta R.T. -0.01 min
 Lab File: BP001303.D
 Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.1	67.4	101.2
206	20.3	15.0	22.4





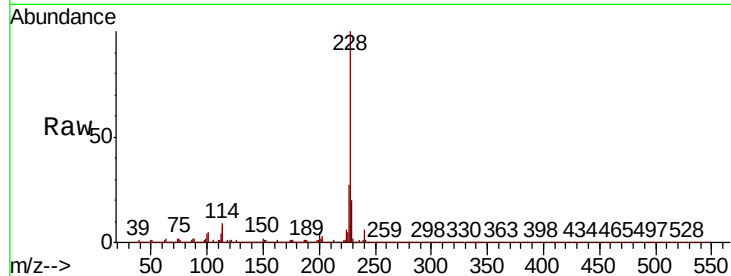
#81
Benzo(a)anthracene
Concen: 49.170 ng
RT: 19.23 min Scan# 2915
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.5	15.8	23.6

Manual Integrations
APPROVED

mohammad
12/11/2019 12:31:04 PM

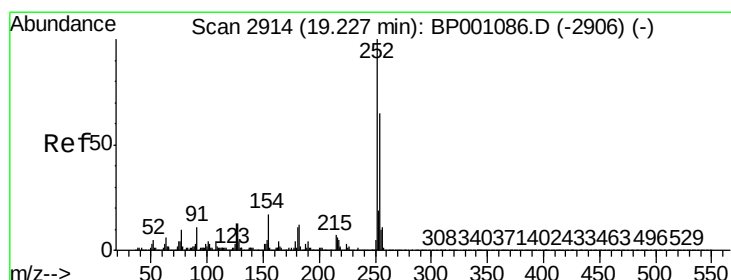
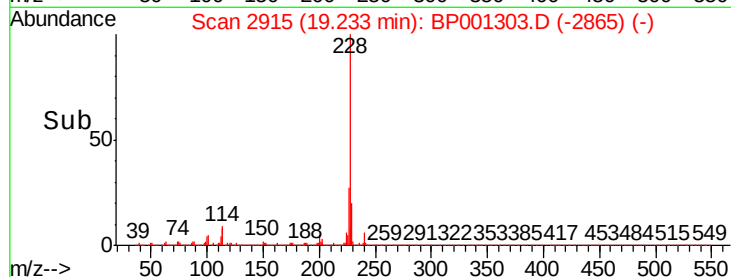
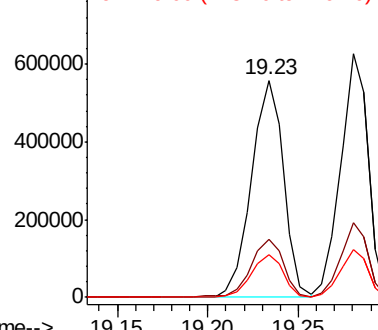


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 34.253 ng
RT: 19.20 min Scan# 2909
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

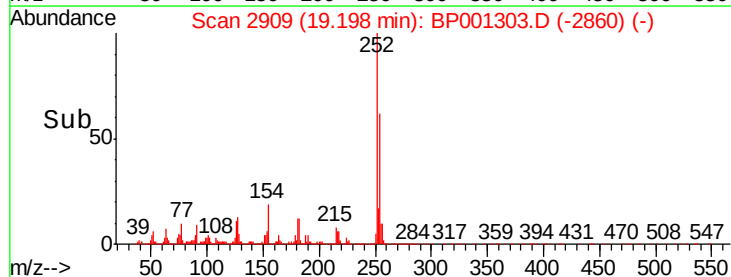
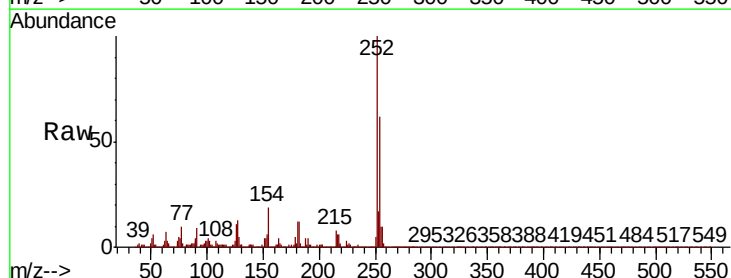
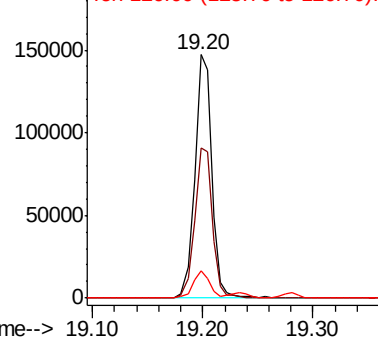
Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.9	52.3	78.5
126	11.0	9.4	14.2

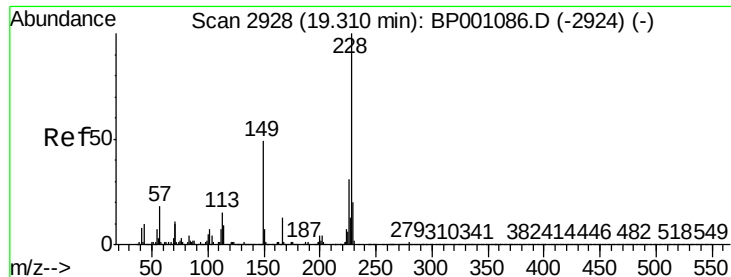
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





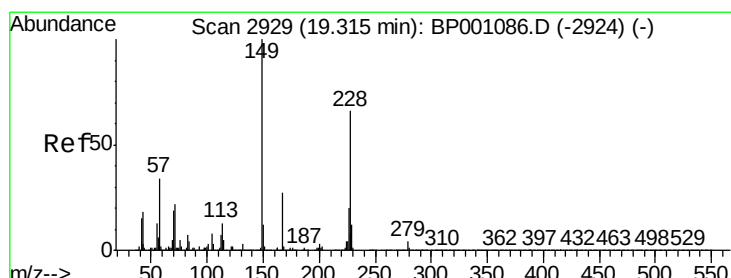
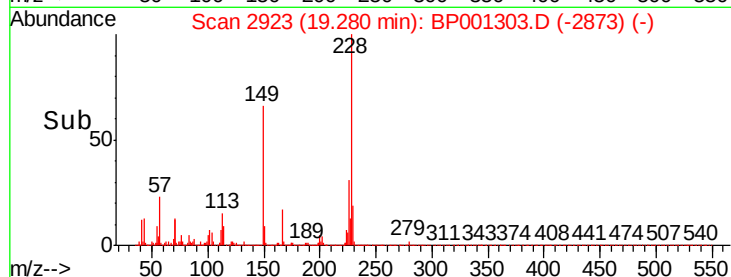
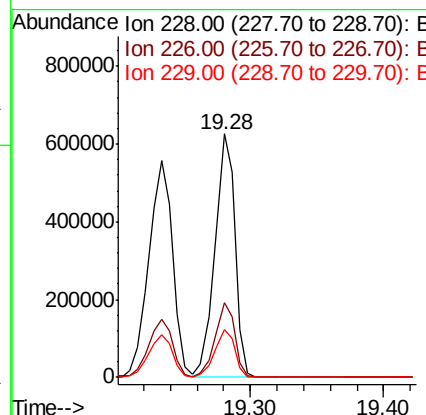
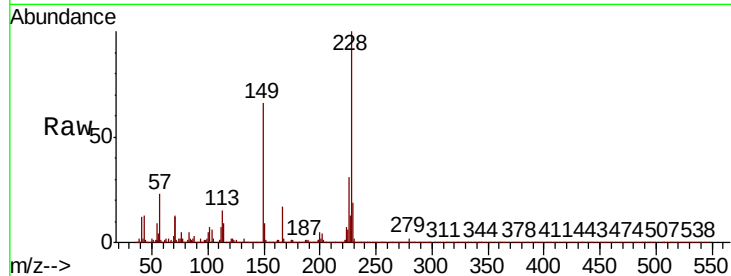
#83
Chrysene
Concen: 52.768 ng
RT: 19.28 min Scan# 2923
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.7	35.5
229	19.5	15.2	22.8

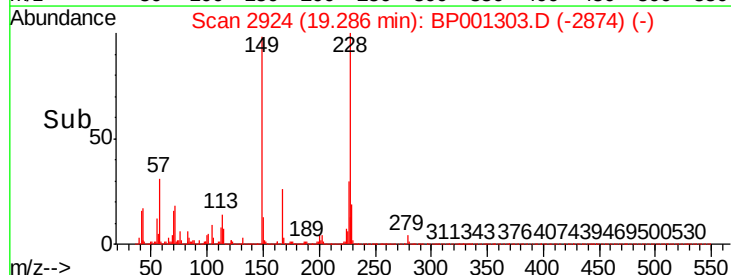
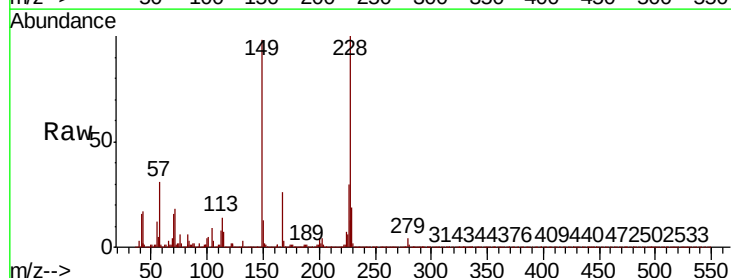
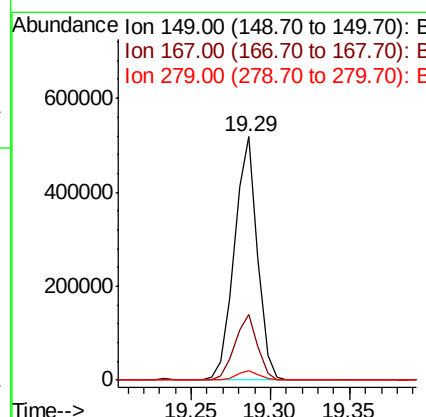
Manual Integrations
APPROVED

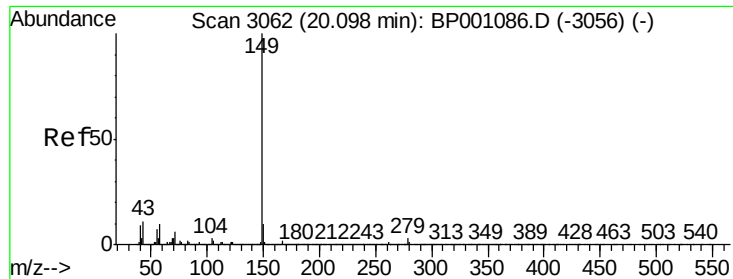
mohammad
12/11/2019 12:31:04 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.334 ng
RT: 19.29 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.8	31.2
279	4.1	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 48.593 ng

RT: 20.06 min Scan# 3056

Delta R.T. -0.01 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

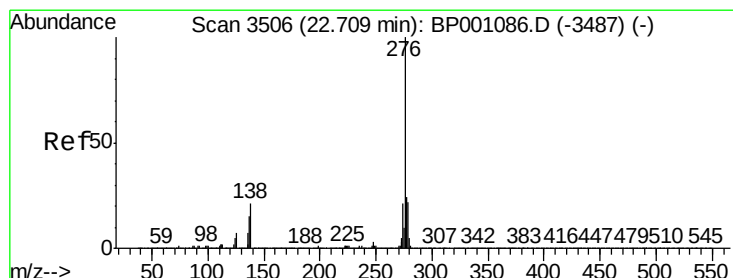
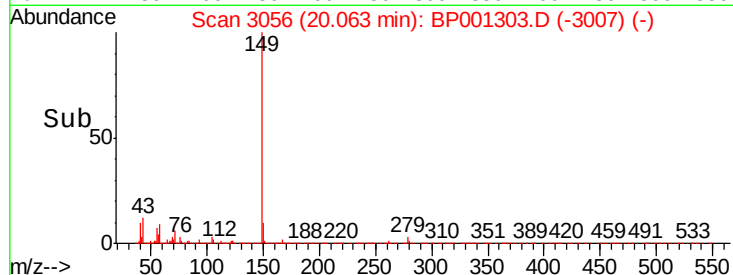
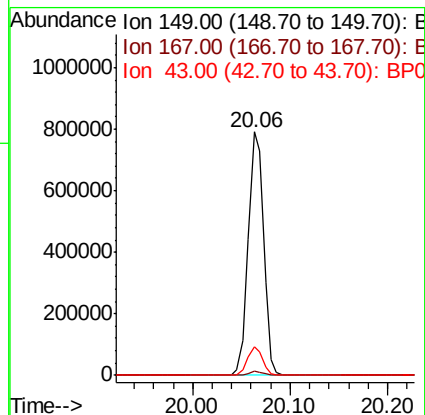
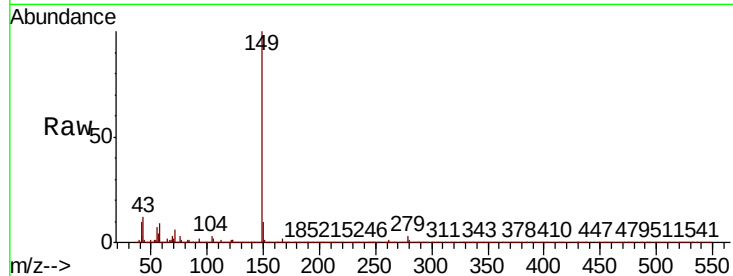
ClientSampleId :

CL-01-120619MS

Tot Ion:	149	Resp:	871726
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.5	9.1	13.7

Manual Integrations
APPROVED

mohammad
12/11/2019 12:31:04 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.246 ng

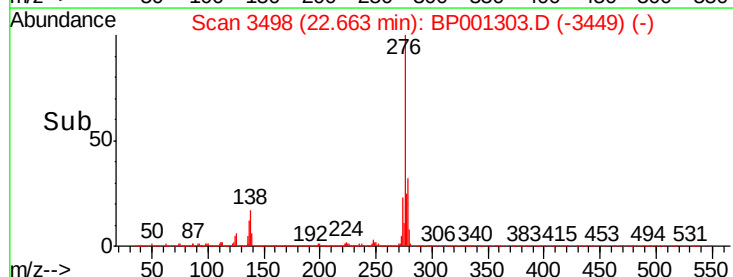
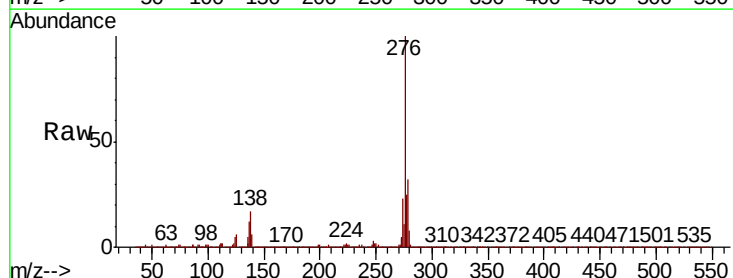
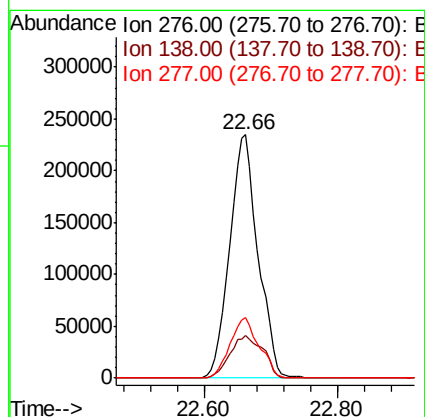
RT: 22.66 min Scan# 3498

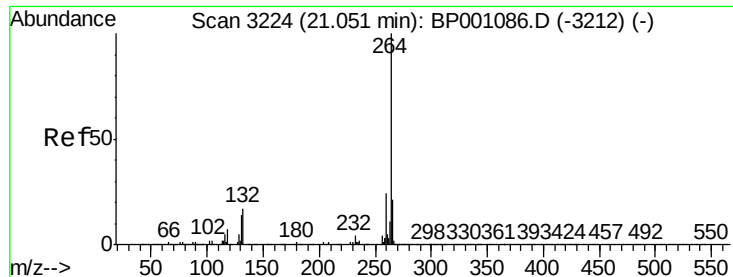
Delta R.T. -0.01 min

Lab File: BP001303.D

Acq: 10 Dec 2019 19:24

Tgt Ion:	276	Resp:	697981
Ion Ratio	Lower	Upper	
276	100		
138	20.1	17.9	26.9
277	25.3	20.1	30.1





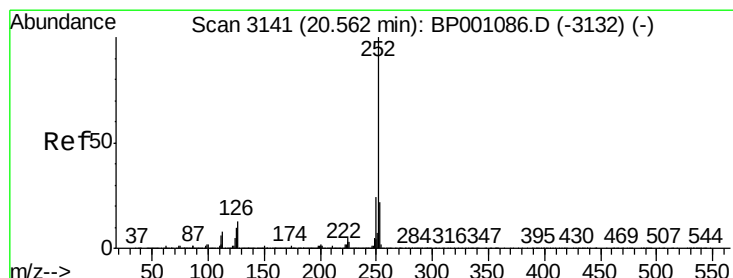
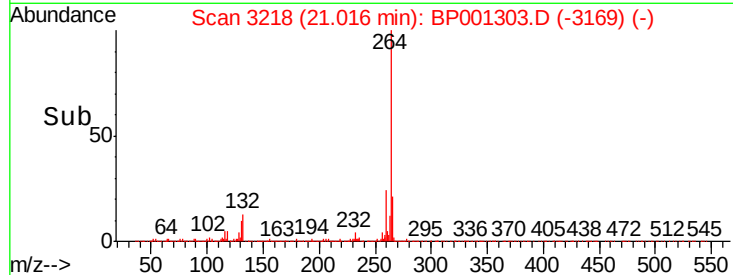
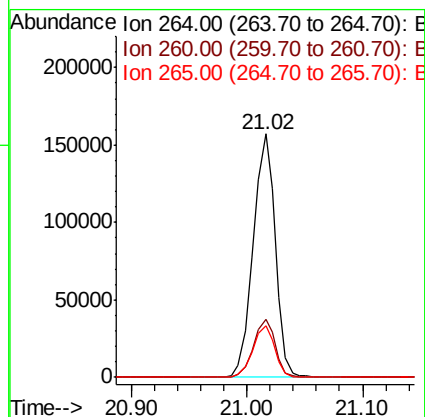
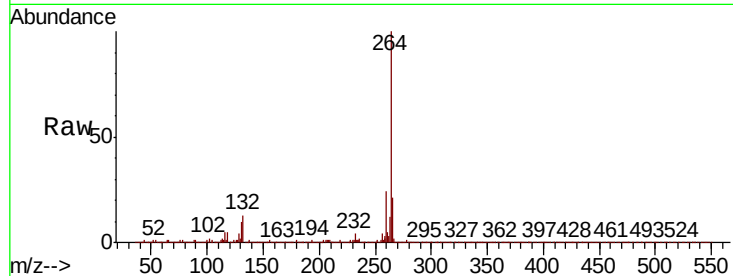
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.3	17.1	25.7

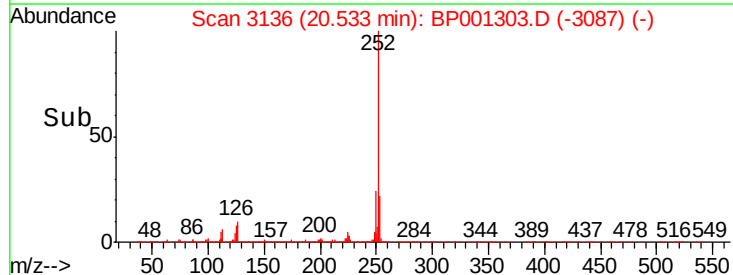
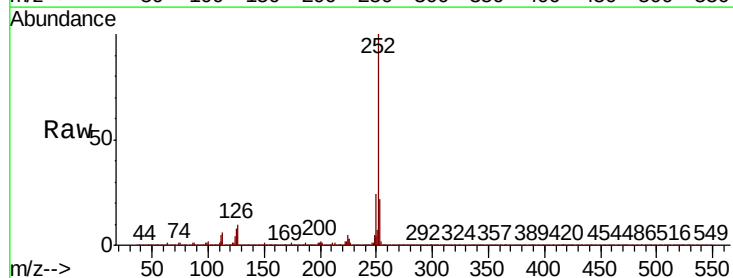
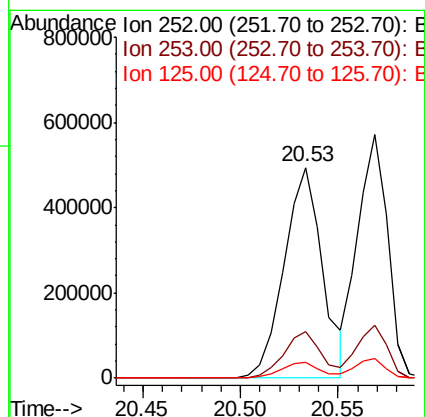
Manual Integrations
APPROVED

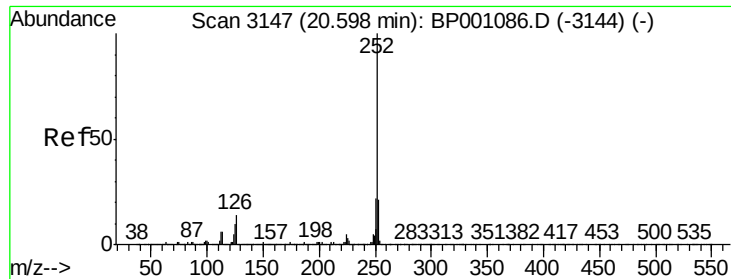
mohammad
12/11/2019 12:31:04 PM



#88
Benzo(b)fluoranthene
Concen: 52.700 ng
RT: 20.53 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	7.7	6.6	9.8





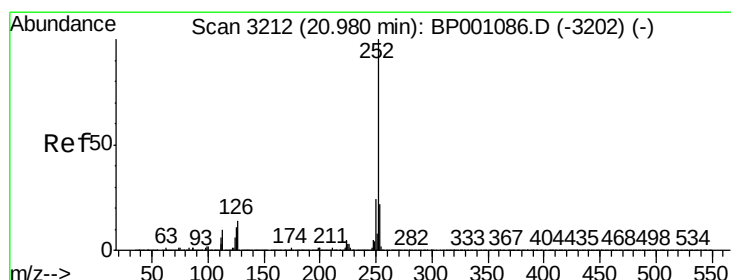
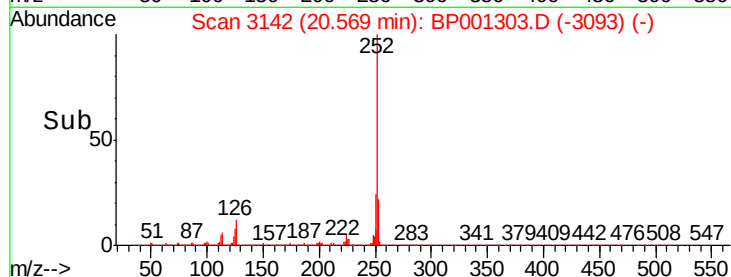
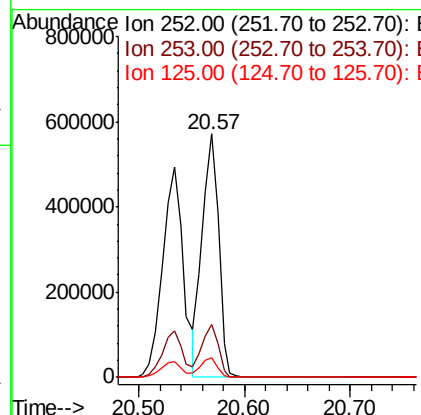
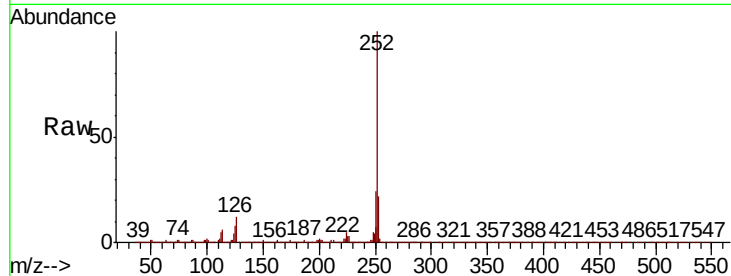
#89
Benzo(k)fluoranthene
Concen: 49.857 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	7.8	6.2	9.4

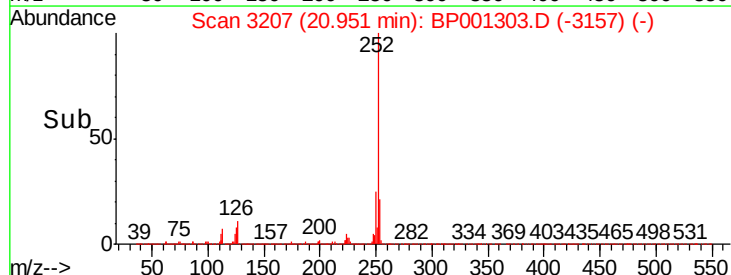
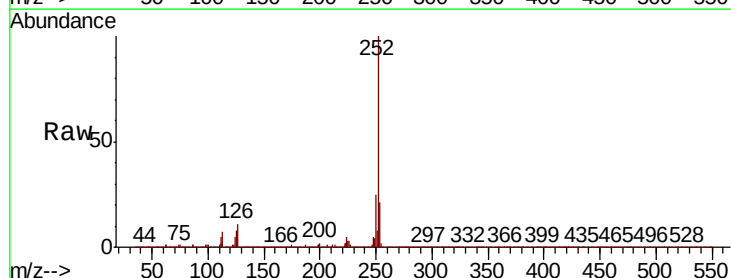
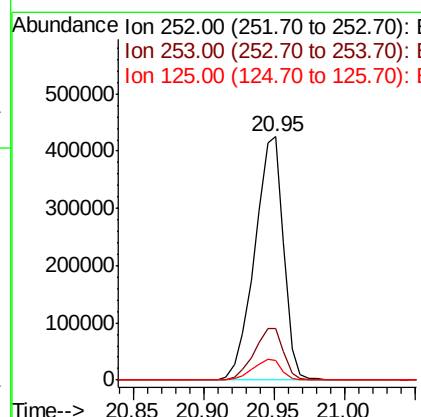
Manual Integrations
APPROVED

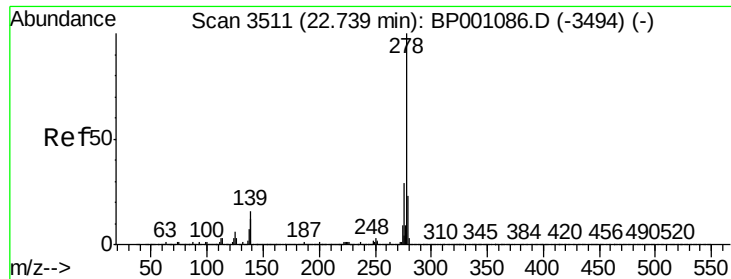
mohammad
12/11/2019 12:31:04 PM



#90
Benzo(a)pyrene
Concen: 52.009 ng
RT: 20.95 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.8	25.2
125	8.0	7.8	11.6





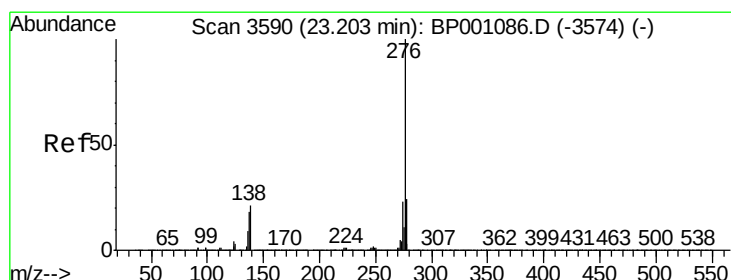
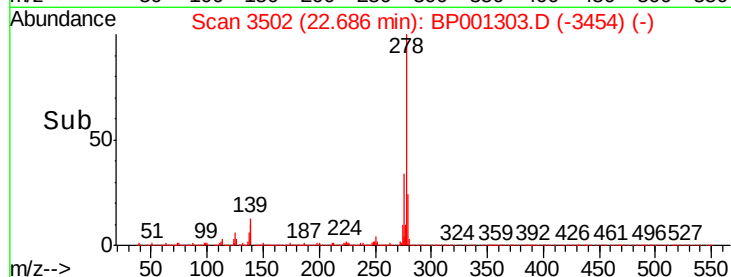
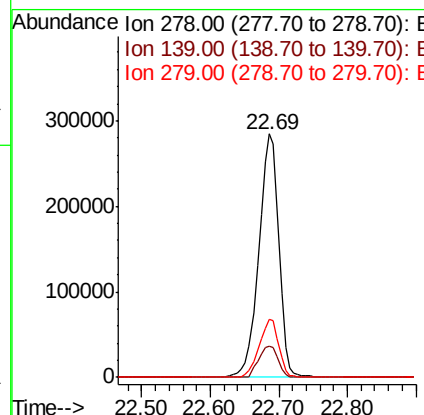
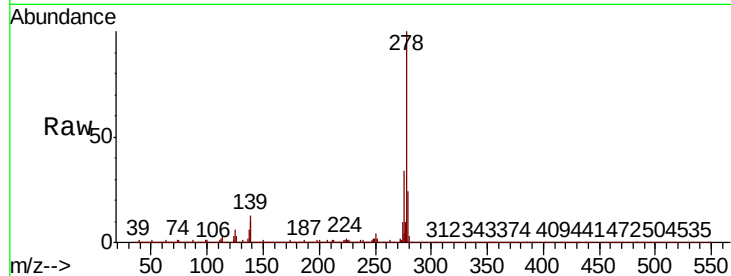
#91
Dibenzo(a,h)anthracene
Concen: 50.406 ng
RT: 22.69 min Scan# 3502
Delta R.T. -0.02 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
278	100		580805		
139	12.9	11.6	17.4		
279	23.9	18.7	28.1		

Manual Integrations
APPROVED

mohammad
12/11/2019 12:31:04 PM



#92
Benzo(g,h,i)perylene
Concen: 49.383 ng
RT: 23.15 min Scan# 3581
Delta R.T. -0.02 min
Lab File: BP001303.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		561873		
277	23.5	18.6	28.0		
138	16.7	15.6	23.4		

