

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
 Data File : BP002948.D
 Acq On : 12 Aug 2020 14:19
 Operator : CG/JU
 Sample : PB130914BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130914BS

Manual Integrations
 APPROVED

mohammad
 8/25/2020 8:39:10 AM

Quant Time: Aug 12 16:44:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 11 17:14:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	477984	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	1869071	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	1010989	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1852259	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1430873	20.00	ng	0.00
86) Perylene-d12	23.44	264	1418782	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	3230121	103.43	ng	0.00
7) Phenol-d6	6.88	99	3826393	88.25	ng	0.00
23) Nitrobenzene-d5	8.85	82	2044821	59.26	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1180637	93.96	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	5256747	71.04	ng	0.00
79) Terphenyl-d14	19.67	244	5830494	81.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	377715	28.175	ng	99
3) Pyridine	3.63	79	988884	26.476	ng	98
4) n-Nitrosodimethylamine	3.55	42	331260	30.193	ng	99
6) Aniline	7.03	93	1417857	28.185	ng	99
8) 2-Chlorophenol	7.27	128	1397803	41.977	ng	99
9) Benzaldehyde	6.84	77	136649	5.919	ng	98
10) Phenol	6.90	94	1516283	34.722	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	1164199	34.661	ng	100
12) 1,3-Dichlorobenzene	7.59	146	1491283	39.679	ng	100
13) 1,4-Dichlorobenzene	7.73	146	1510829	39.770	ng	100
14) 1,2-Dichlorobenzene	8.05	146	1425328	39.343	ng	100
15) Benzyl Alcohol	7.93	79	873612	30.536	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	983551	31.169	ng	99
17) 2-Methylphenol	8.15	107	1034332	37.066	ng	99
18) Hexachloroethane	8.78	117	502251	37.905	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	708095	28.342	ng	98
20) 3+4-Methylphenols	8.47	107	1384195	36.805	ng	99
22) Acetophenone	8.52	105	1706932	32.368	ng	99
24) Nitrobenzene	8.89	77	1135684	30.314	ng	99
25) Isophorone	9.42	82	2106688	28.416	ng	100
26) 2-Nitrophenol	9.60	139	679529	43.882	ng	99
27) 2,4-Dimethylphenol	9.67	122	1104403	37.408	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	1451118	35.084	ng	100
29) 2,4-Dichlorophenol	10.13	162	1205764	38.805	ng	100
30) 1,2,4-Trichlorobenzene	10.35	180	1302203	35.851	ng	99
31) Naphthalene	10.53	128	3983952	37.235	ng	100
32) Benzoic acid	9.81	122	706372	41.853	ng	97
33) 4-Chloroaniline	10.63	127	954725	21.532	ng	99
34) Hexachlorobutadiene	10.83	225	711767	32.021	ng	99
35) Caprolactam	11.40	113	336753m	35.026	ng	
36) 4-Chloro-3-methylphenol	11.77	107	1110493	34.381	ng	99
37) 2-Methylnaphthalene	12.15	142	2832058	37.211	ng	100
38) 1-Methylnaphthalene	12.37	142	2678903	37.392	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1227927	33.782	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
 Data File : BP002948.D
 Acq On : 12 Aug 2020 14:19
 Operator : CG/JU
 Sample : PB130914BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 PB130914BS

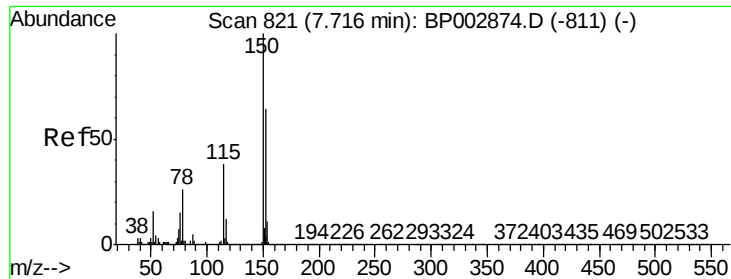
Manual Integrations
 APPROVED

mohammad
 8/25/2020 8:39:10 AM

Quant Time: Aug 12 16:44:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 11 17:14:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	1442570	76.502	ng	99
43) 2,4,6-Trichlorophenol	12.76	196	844498	40.086	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	905172	39.167	ng	99
46) 1,1'-Biphenyl	13.17	154	3302240	39.511	ng	99
47) 2-Chloronaphthalene	13.21	162	2575764	39.357	ng	100
48) 2-Nitroaniline	13.40	65	510162	32.637	ng	97
49) Acenaphthylene	14.06	152	3989813	38.872	ng	100
50) Dimethylphthalate	13.80	163	3022641	38.226	ng	100
51) 2,6-Dinitrotoluene	13.91	165	665964	38.005	ng	99
52) Acenaphthene	14.40	154	2767197m	41.947	ng	
53) 3-Nitroaniline	14.23	138	488327	27.585	ng	95
54) 2,4-Dinitrophenol	14.45	184	602465	80.207	ng	97
55) Dibenzofuran	14.74	168	3697474	36.541	ng	99
56) 4-Nitrophenol	14.56	139	1156586	82.487	ng	98
57) 2,4-Dinitrotoluene	14.70	165	873235	38.032	ng	97
58) Fluorene	15.39	166	2849883	35.972	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	739391	38.344	ng	99
60) Diethylphthalate	15.18	149	2917725	37.762	ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	1374699	33.715	ng	99
62) 4-Nitroaniline	15.40	138	652902	36.208	ng	99
63) Azobenzene	15.69	77	2244449	28.854	ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	407266	43.033	ng	99
66) n-Nitrosodiphenylamine	15.60	169	2504318	40.824	ng	99
67) 4-Bromophenyl-phenylether	16.29	248	825662	36.640	ng	99
68) Hexachlorobenzene	16.40	284	949169	36.416	ng	99
69) Atrazine	16.56	200	680884	32.761	ng	99
70) Pentachlorophenol	16.75	266	1067663	78.992	ng	100
71) Phenanthrene	17.13	178	4247770	39.108	ng	99
72) Anthracene	17.23	178	4272452	40.246	ng	100
73) Carbazole	17.49	167	3871301	37.342	ng	99
74) Di-n-butylphthalate	18.07	149	4538494	41.616	ng	100
75) Fluoranthene	19.11	202	4451041	35.568	ng	100
77) Benzidine	19.29	184	1308979	30.000	ng	99
78) Pyrene	19.46	202	4439668	44.384	ng	99
80) Butylbenzylphthalate	20.35	149	1768965	43.820	ng	99
81) Benzo(a)anthracene	21.17	228	3788072	38.866	ng	98
82) 3,3'-Dichlorobenzidine	21.10	252	1263555	32.754	ng	100
83) Chrysene	21.22	228	3629774	39.480	ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	2586815	46.728	ng	98
85) Di-n-octyl phthalate	22.00	149	4038141	44.403	ng	100
87) Indeno(1,2,3-cd)pyrene	25.74	276	5064564	44.572	ng	100
88) Benzo(b)fluoranthene	22.76	252	3952518	39.478	ng	99
89) Benzo(k)fluoranthene	22.81	252	3790277	40.053	ng	99
90) Benzo(a)pyrene	23.34	252	3628162	40.105	ng	99
91) Dibenzo(a,h)anthracene	25.76	278	4228982	43.730	ng	100
92) Benzo(g,h,i)perylene	26.44	276	4238055	45.319	ng	100

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



#1

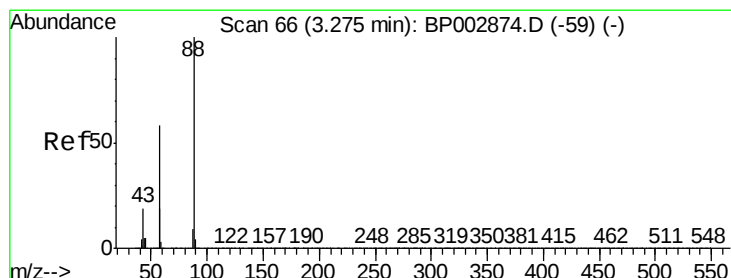
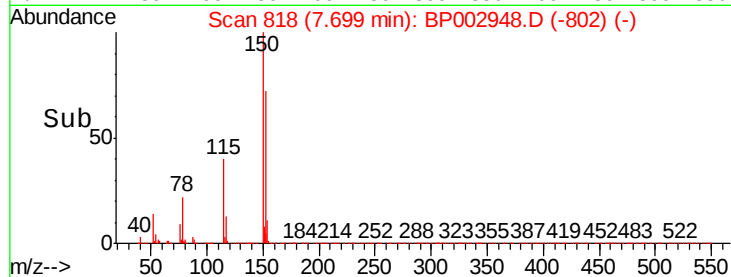
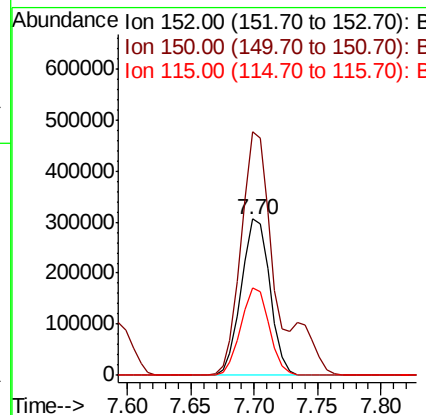
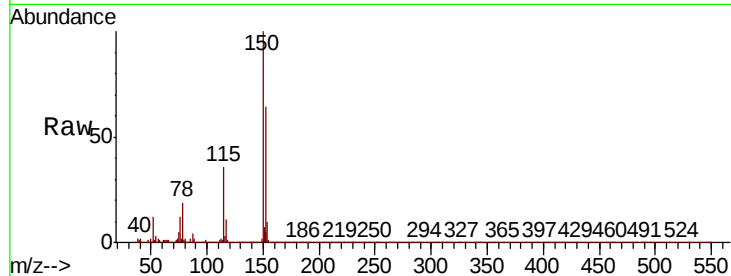
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.4
115	55.9	42.1	63.1

Manual Integrations
APPROVED

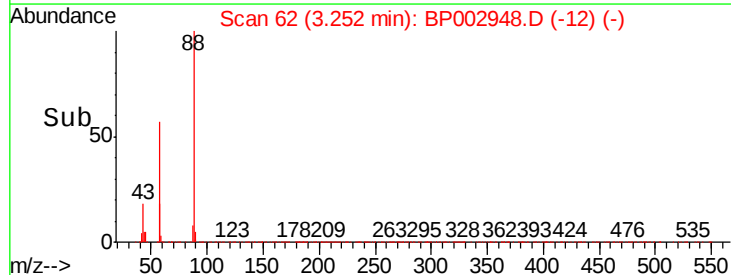
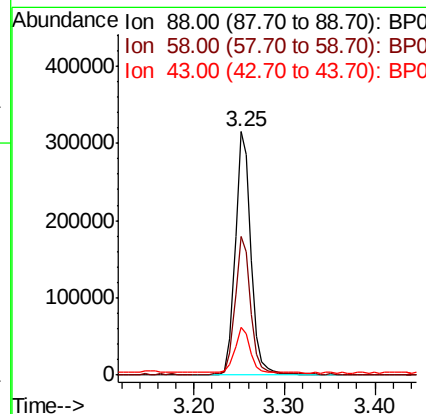
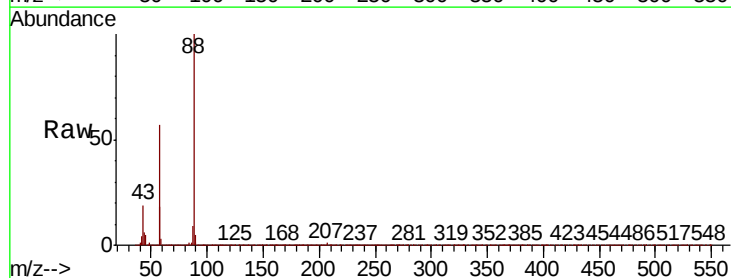
mohammad
8/25/2020 8:39:10 AM

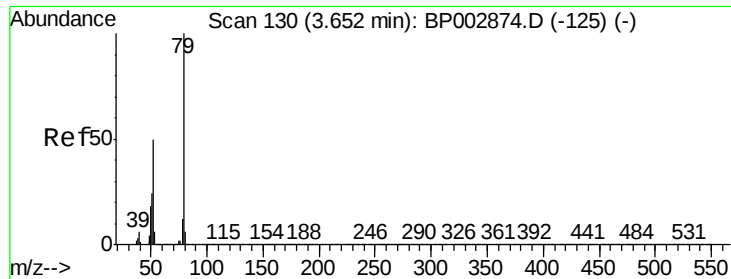


#2

1,4-Dioxane
Concen: 28.175 ng
RT: 3.25 min Scan# 62
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.6	45.1	67.7
43	19.5	14.6	21.8





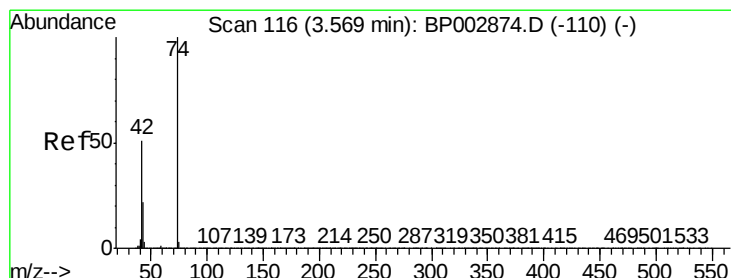
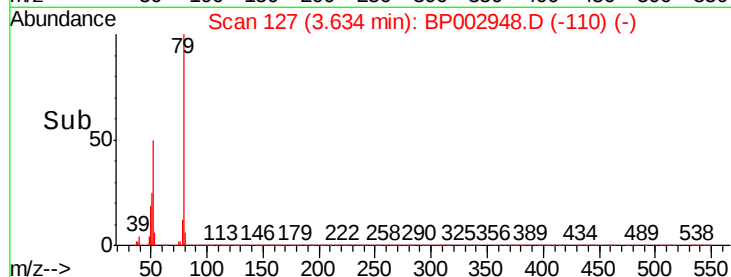
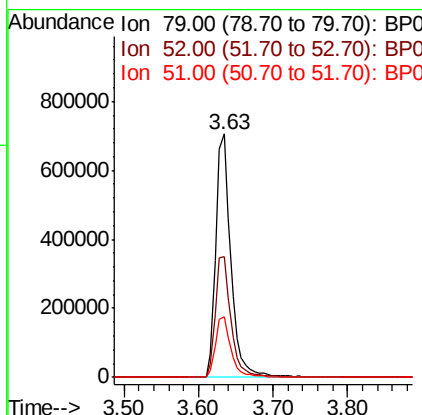
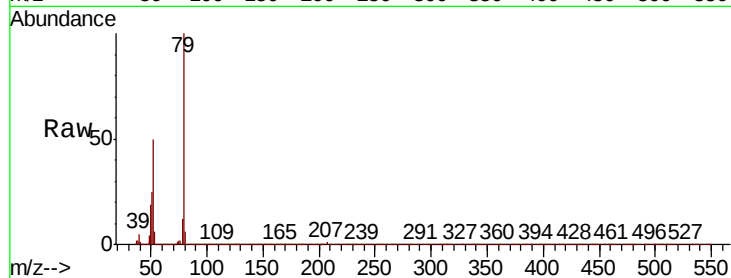
#3
Pvridine
Concen: 26.476 ng
RT: 3.63 min Scan# 127
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	49.7	40.9	61.3	
51	51	24.7	20.6	30.8	

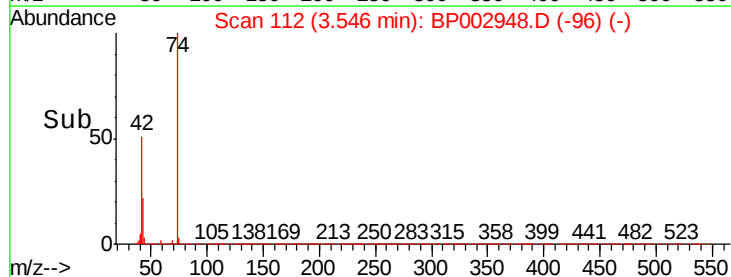
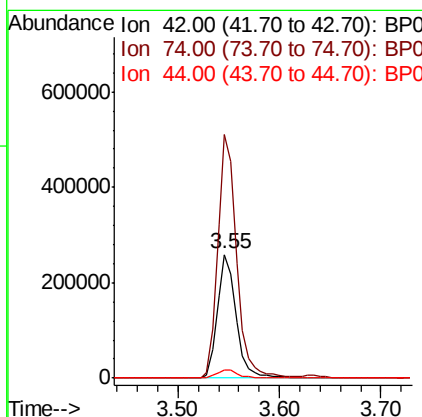
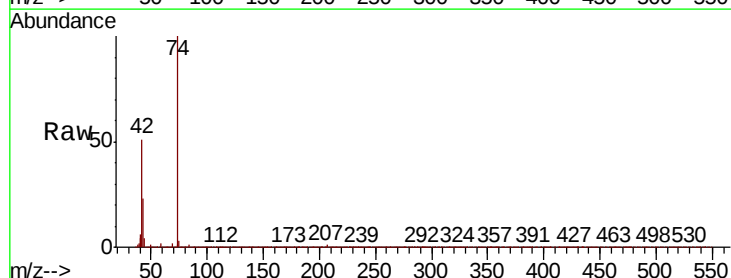
Manual Integrations
APPROVED

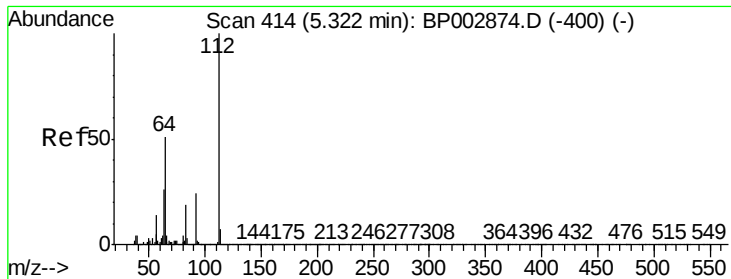
mohammad
8/25/2020 8:39:10 AM



#4
n-Nitrosodimethylamine
Concen: 30.193 ng
RT: 3.55 min Scan# 112
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	196.9	158.3	237.5	
44	44	6.9	6.0	9.0	





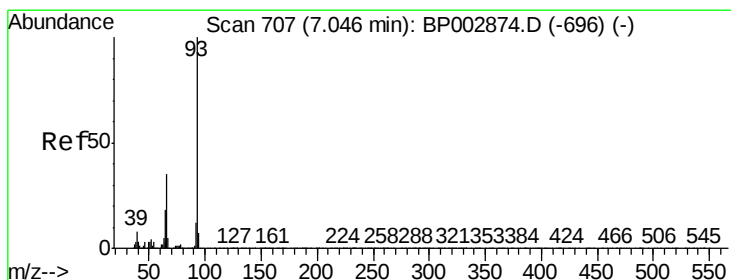
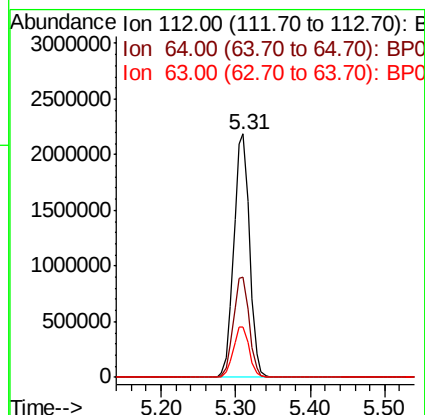
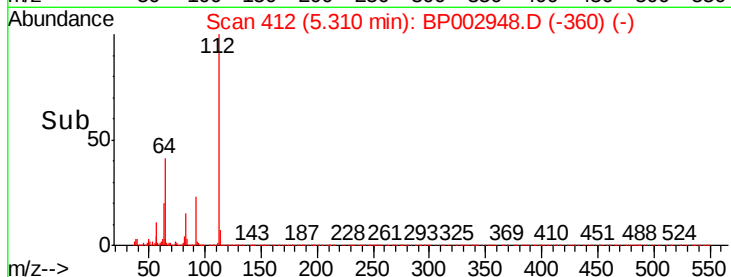
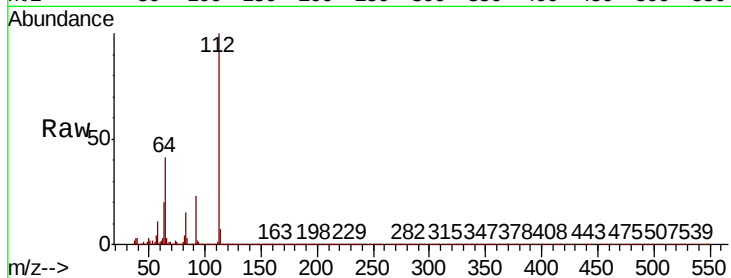
#5
2-Fluorophenol
Concen: 103.428 ng
RT: 5.31 min Scan# 412
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	41.0	33.8	50.8
63	20.4	17.2	25.8

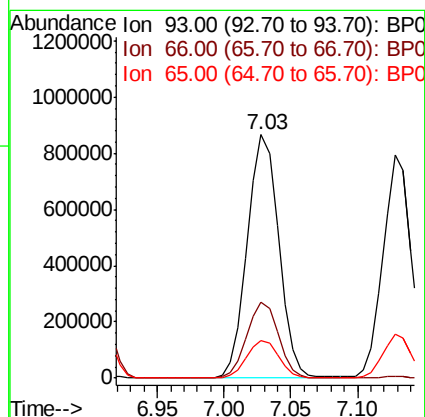
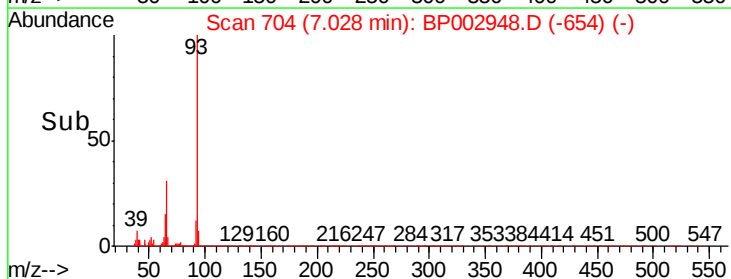
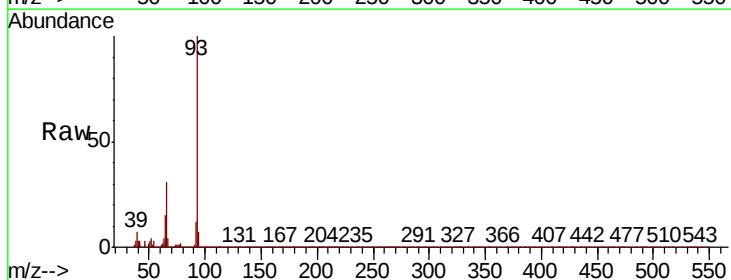
Manual Integrations
APPROVED

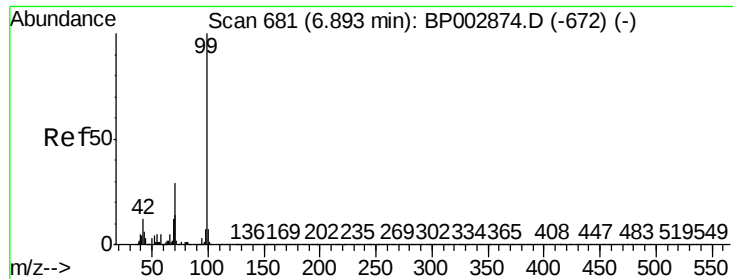
mohammad
8/25/2020 8:39:10 AM



#6
Aniline
Concen: 28.185 ng
RT: 7.03 min Scan# 704
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
93	100		
66	31.0	24.5	36.7
65	15.3	12.4	18.6





#7

Phenol-d6

Concen: 88.248 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

Tot Ion: 99 Resp: 3826393

Ion Ratio Lower Upper

99 100

42 10.0 8.1 12.1

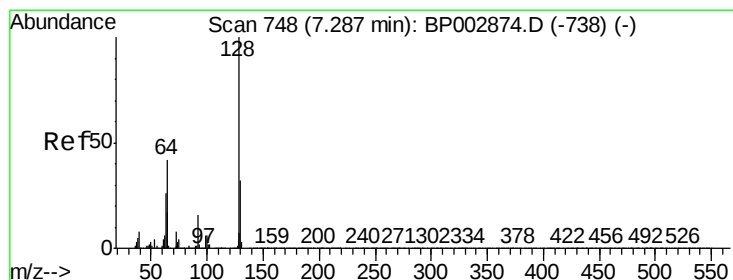
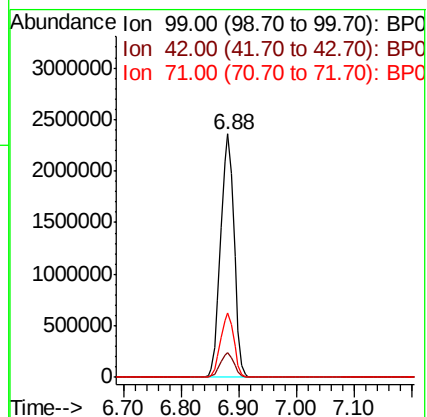
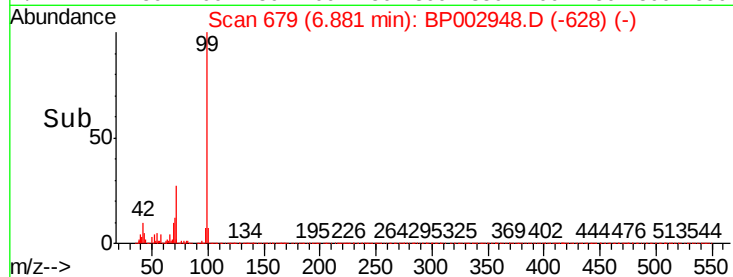
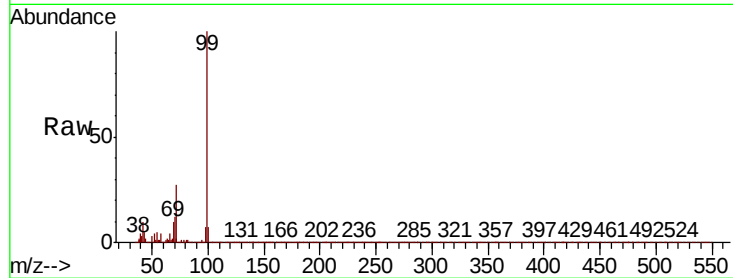
71 26.7 21.0 31.4

Manual Integrations

APPROVED

mohammad

8/25/2020 8:39:10 AM



#8

2-Chlorophenol

Concen: 41.977 ng

RT: 7.27 min Scan# 745

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

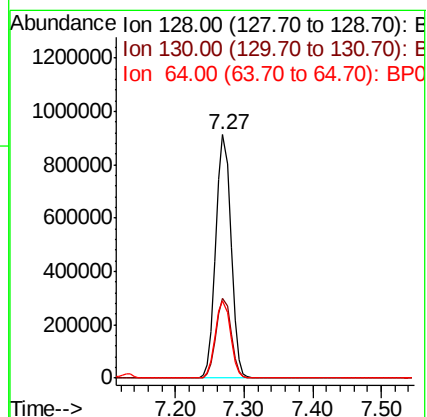
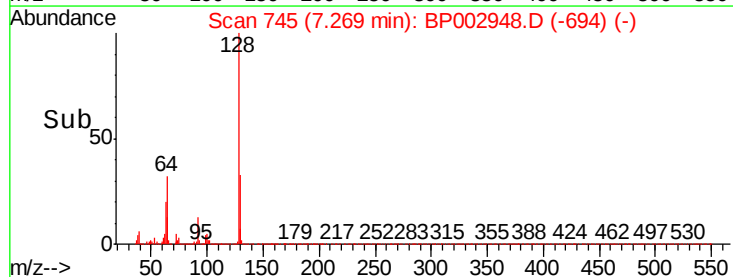
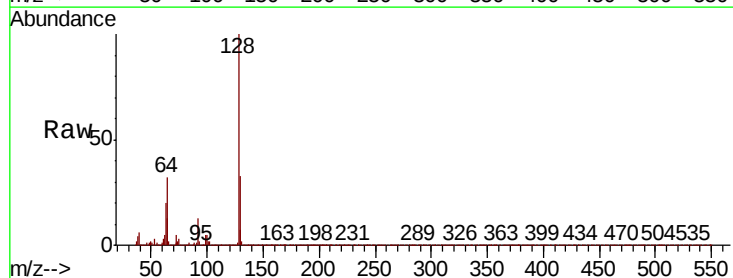
Tgt Ion:128 Resp: 1397803

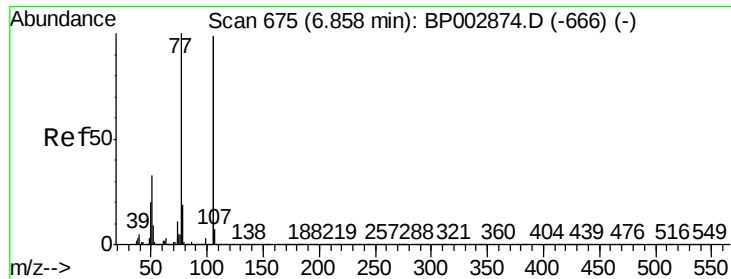
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 31.6 12.6 52.6





#9

Benzaldehyde

Concen: 5.919 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

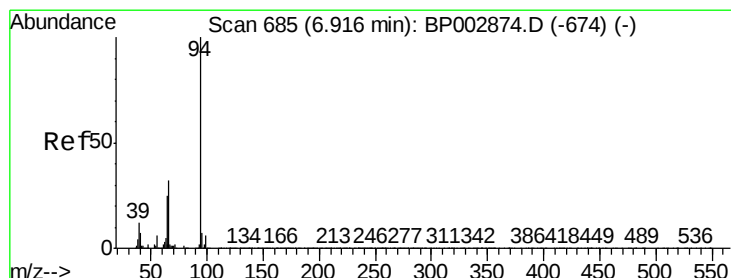
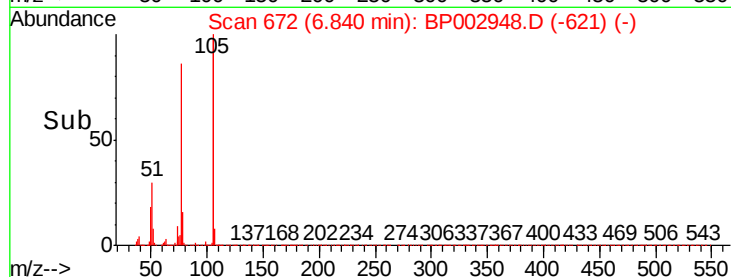
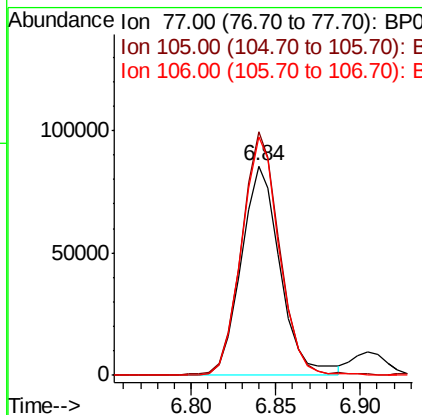
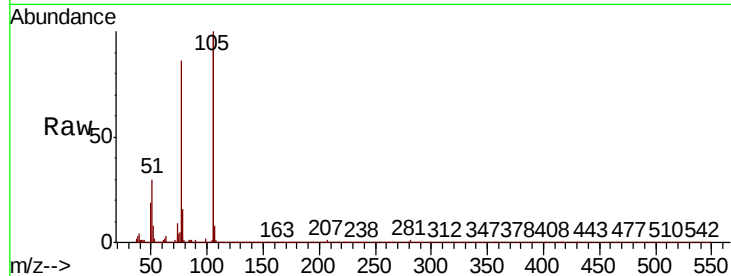
ClientSampleId :

PB130914BS

Tot Ion:	77	Resp:	136649
Ion Ratio	Lower	Upper	
77	100		
105	116.2	95.0	135.0
106	114.0	92.0	132.0

Manual Integrations
APPROVED

mohammad
8/25/2020 8:39:10 AM



#10

Phenol

Concen: 34.722 ng

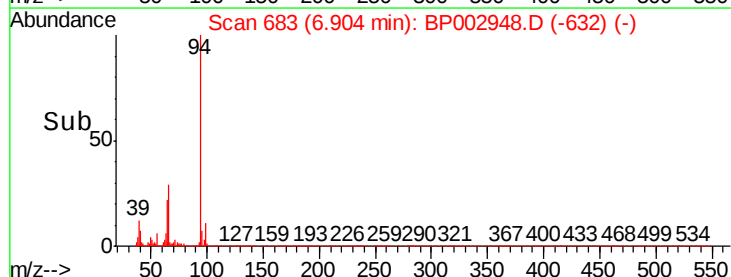
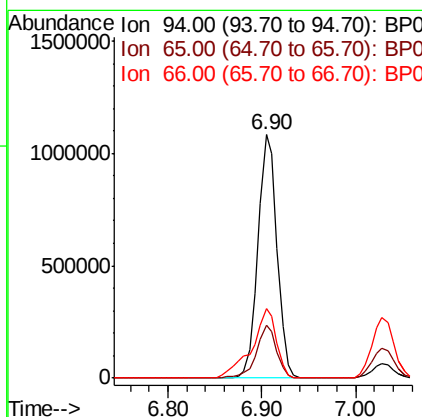
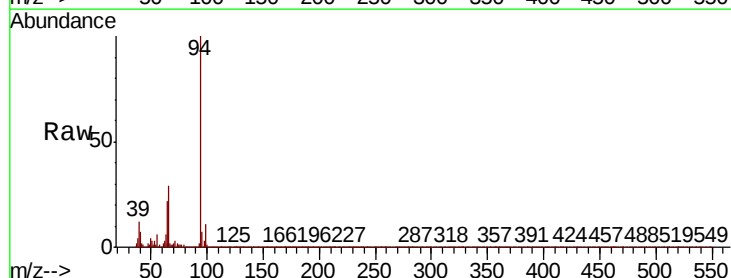
RT: 6.90 min Scan# 683

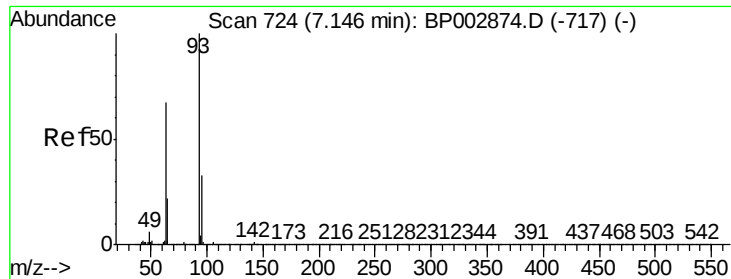
Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Tgt Ion:	94	Resp:	1516283
Ion Ratio	Lower	Upper	
94	100		
65	21.8	1.5	41.5
66	28.5	8.0	48.0





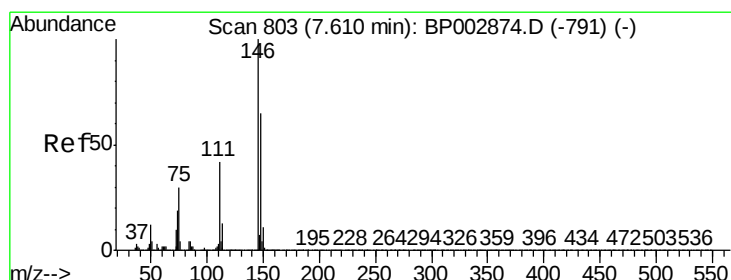
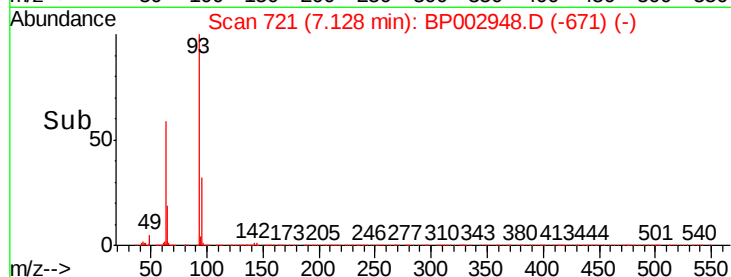
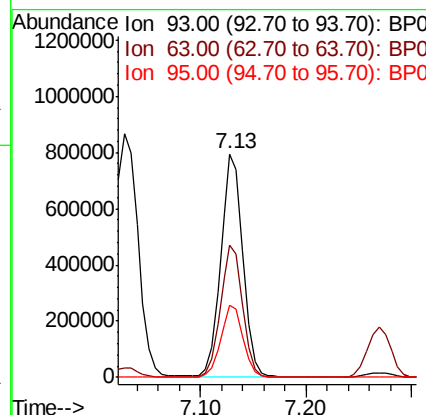
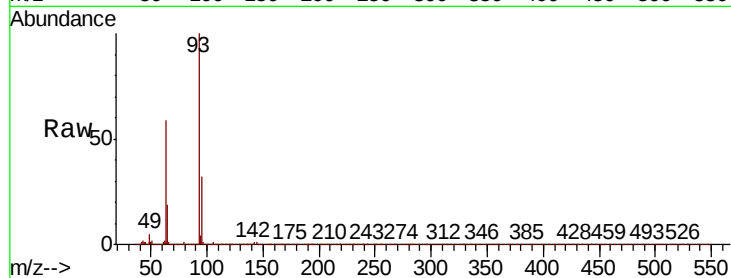
#11
bis(2-Chloroethyl)ether
Concen: 34.661 ng
RT: 7.13 min Scan# 721
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	93	Resp	1164199
Ion	Ratio	Lower	Upper
93	100		
63	59.2	39.1	79.1
95	32.4	12.6	52.6

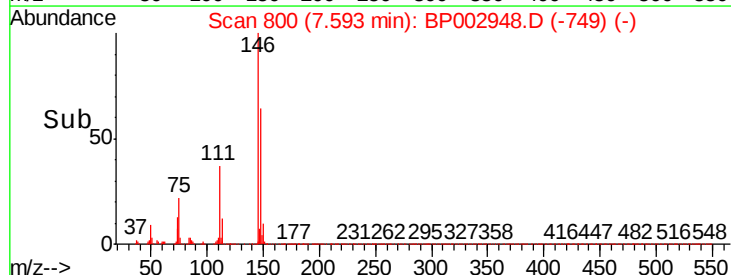
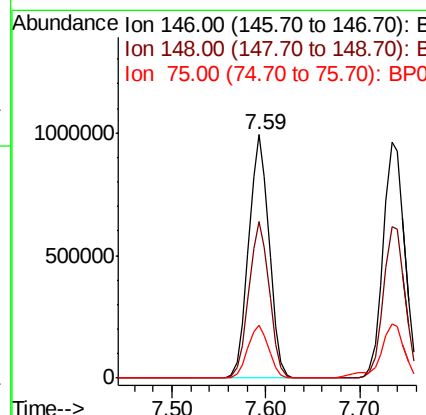
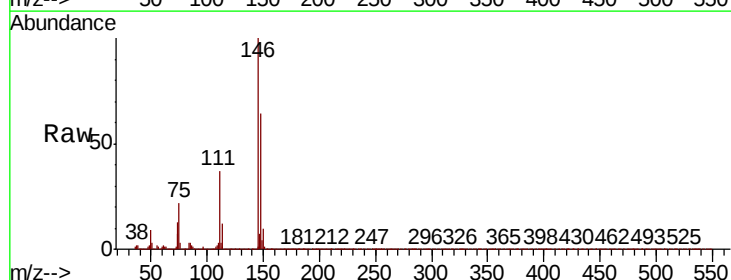
Manual Integrations
APPROVED

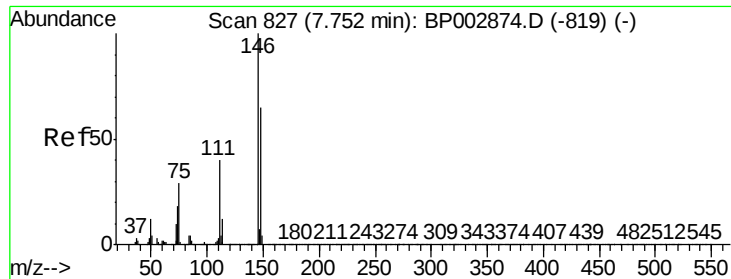
mohammad
8/25/2020 8:39:10 AM



#12
1,3-Dichlorobenzene
Concen: 39.679 ng
RT: 7.59 min Scan# 800
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	146	Resp	1491283
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
75	21.9	17.8	26.8





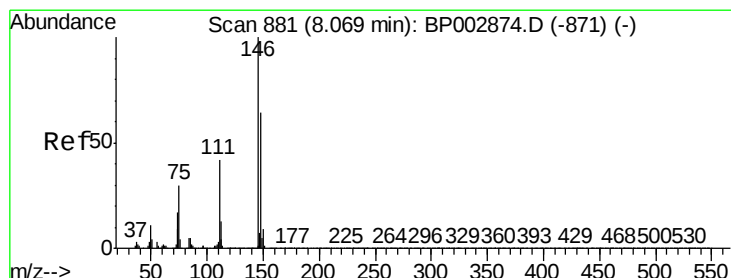
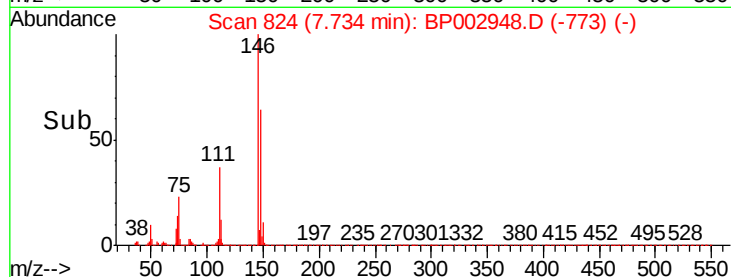
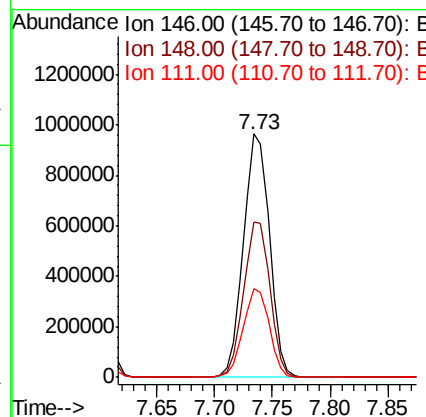
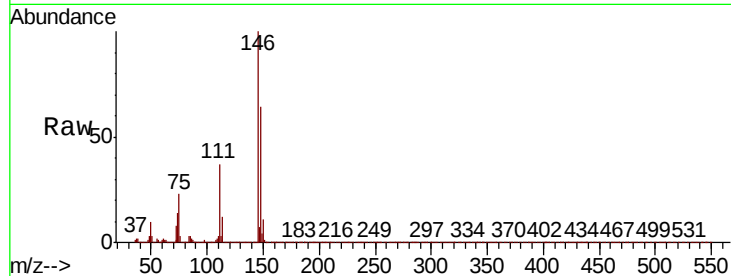
#13
 1,4-Dichlorobenzene
 Concen: 39.770 ng
 RT: 7.73 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

Instrument :
 BNA_P
 ClientSampleId :
 PB130914BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
111	36.7	29.0	43.6

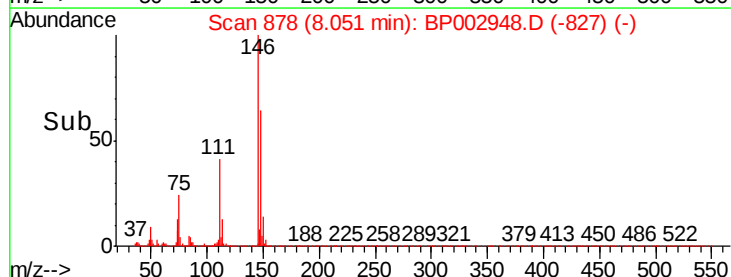
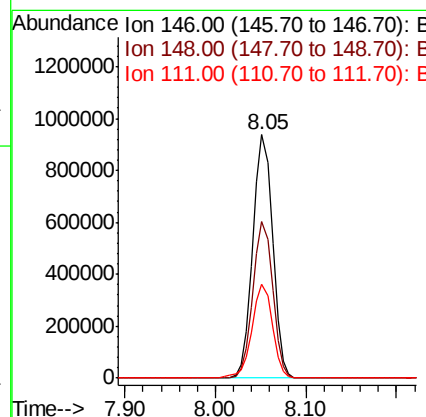
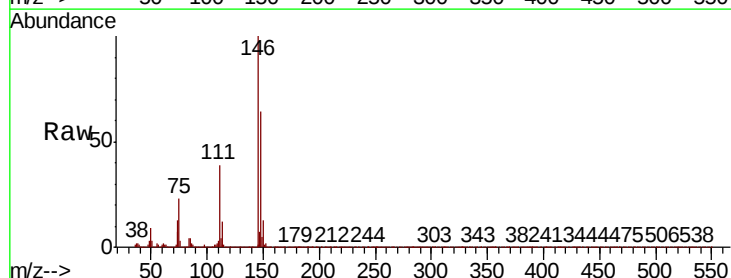
Manual Integrations
 APPROVED

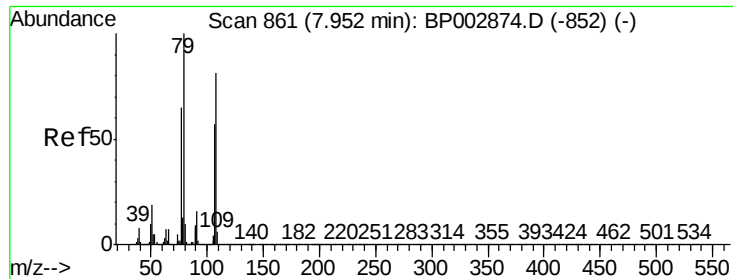
mohammad
 8/25/2020 8:39:10 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.343 ng
 RT: 8.05 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	38.8	31.4	47.0





#15

Benzyl Alcohol

Concen: 30.536 ng

RT: 7.93 min Scan# 858

Delta R.T. -0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

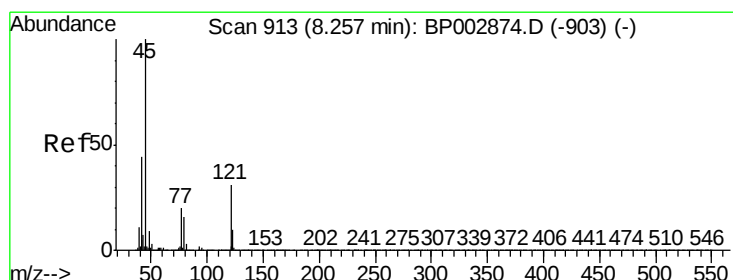
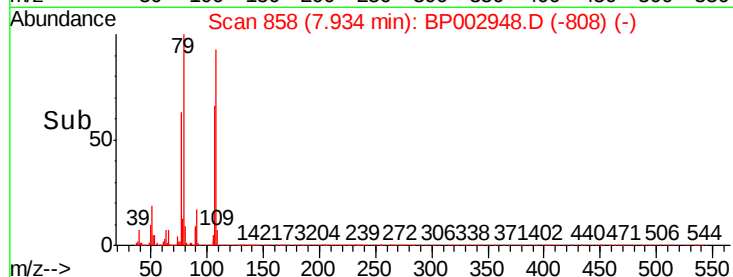
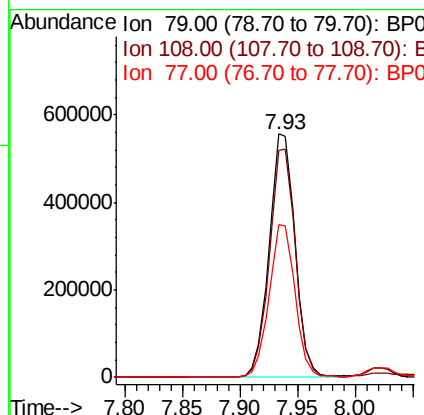
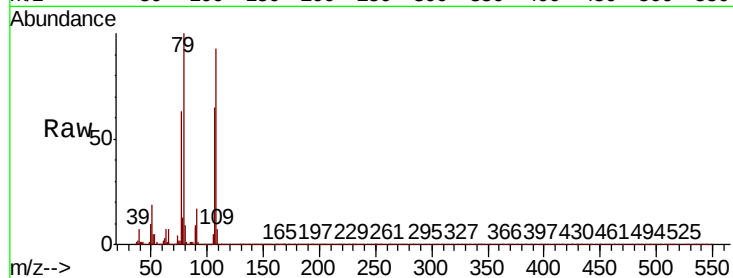
ClientSampleId :

PB130914BS

Tot Ion:	79	Resp:	873612
Ion Ratio	Lower	Upper	
79	100		
108	93.4	78.4	117.6
77	62.9	50.4	75.6

Manual Integrations
APPROVED

mohammad
8/25/2020 8:39:10 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.169 ng

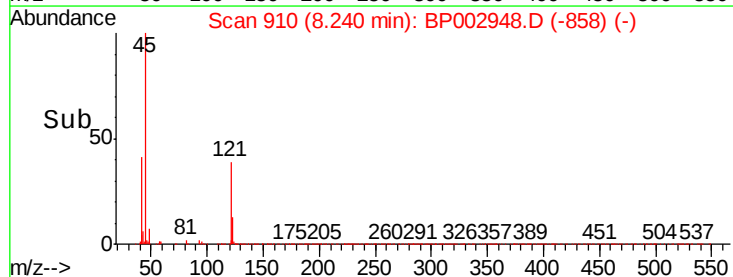
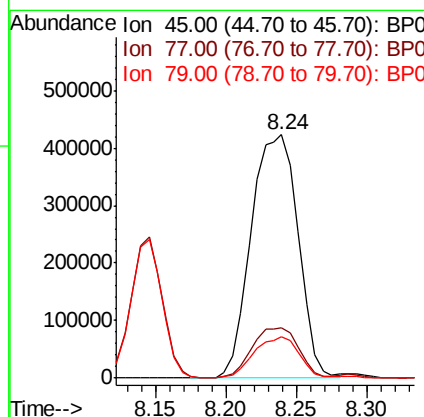
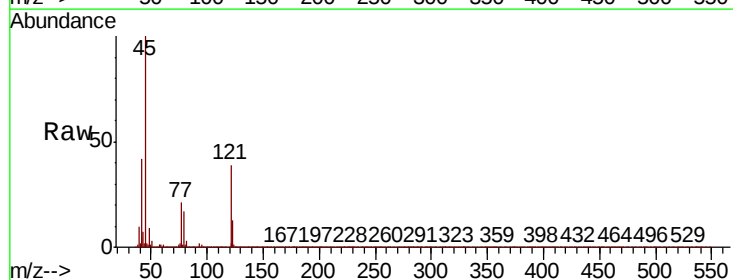
RT: 8.24 min Scan# 910

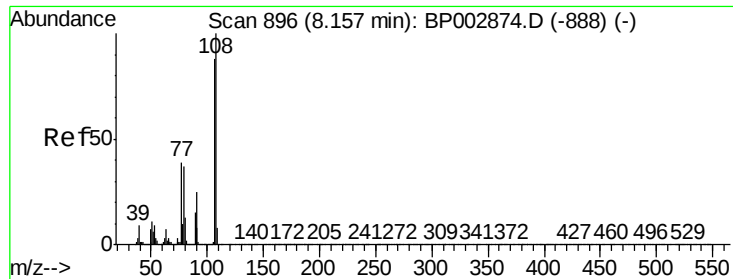
Delta R.T. 0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Tgt Ion:	45	Resp:	983551
Ion Ratio	Lower	Upper	
45	100		
77	20.6	0.5	40.5
79	16.8	0.0	36.3





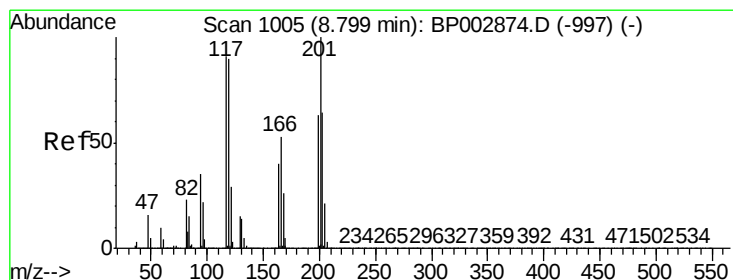
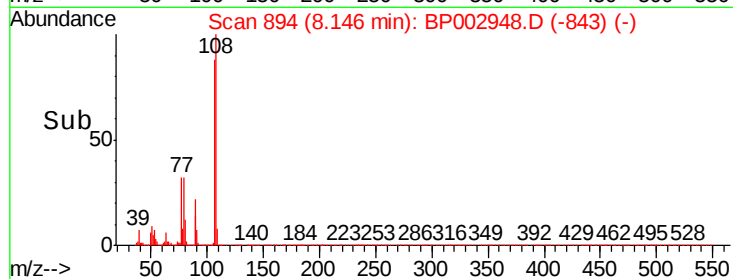
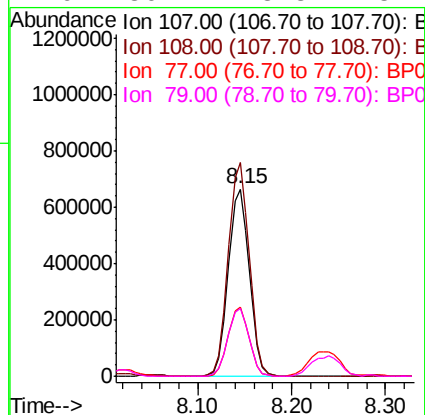
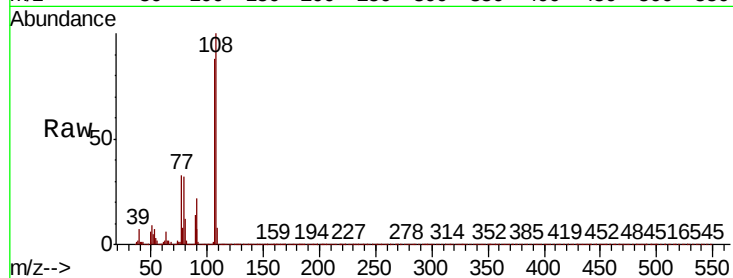
#17
2-Methylphenol
Concen: 37.066 ng
RT: 8.15 min Scan# 894
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	91.8	137.8	
77	37.1	29.5	44.3	
79	36.2	28.8	43.2	

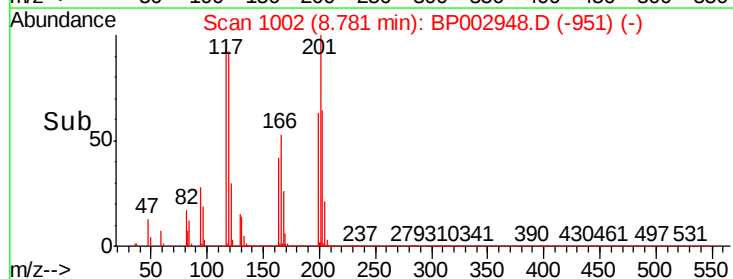
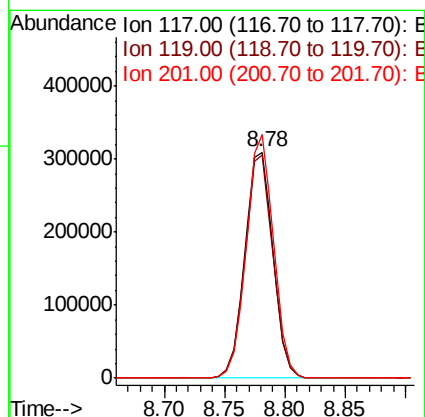
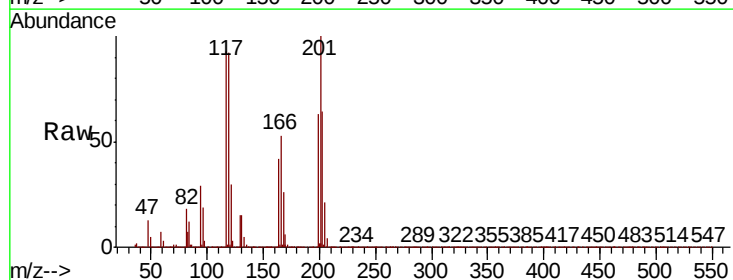
Manual Integrations
APPROVED

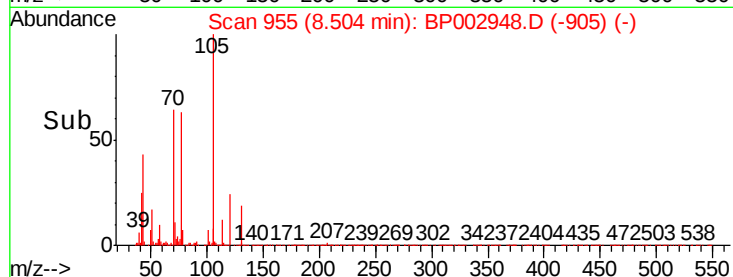
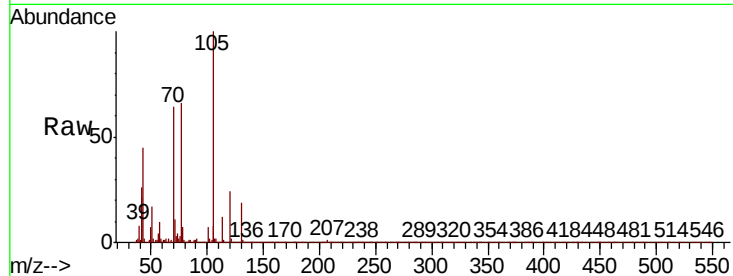
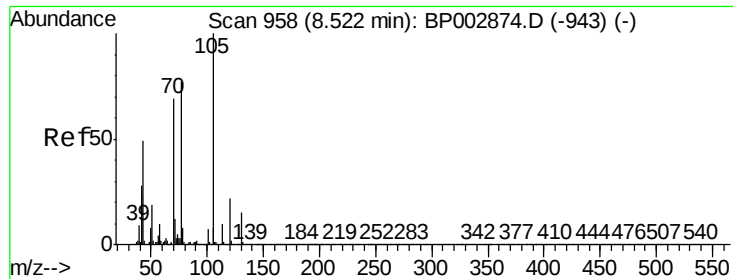
mohammad
8/25/2020 8:39:10 AM



#18
Hexachloroethane
Concen: 37.905 ng
RT: 8.78 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.8	77.7	116.5	
201	107.6	84.8	127.2	





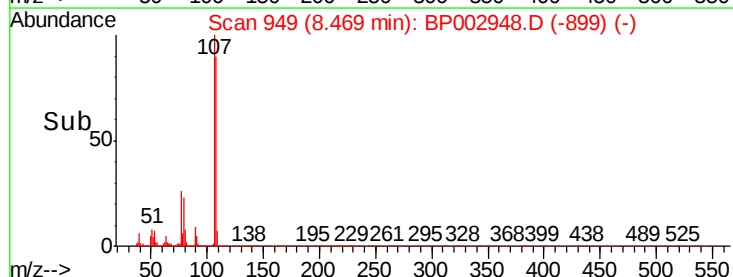
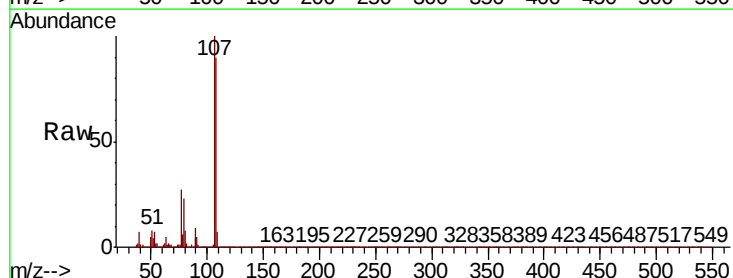
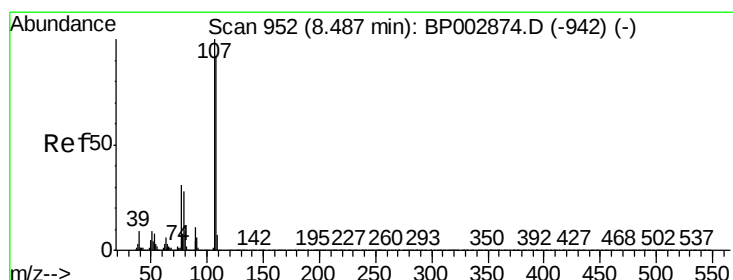
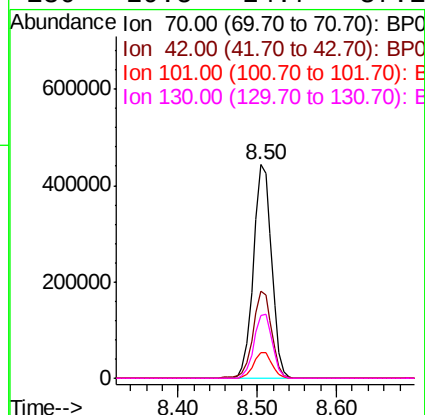
#19
n-Nitroso-di-n-propylamine
Concen: 28.342 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	40.7	31.7	47.5		
101	11.7	9.6	14.4		
130	29.5	24.7	37.1		

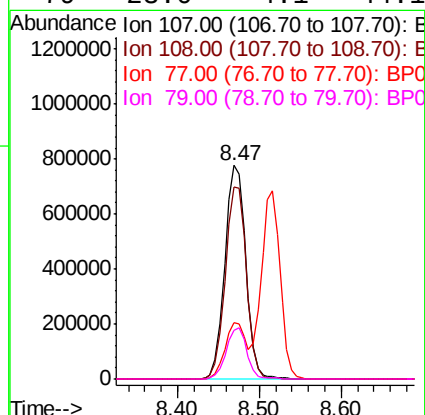
Manual Integrations
APPROVED

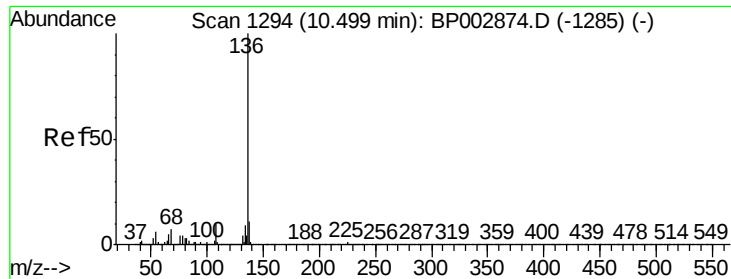
mohammad
8/25/2020 8:39:10 AM



#20
3+4-Methylphenols
Concen: 36.805 ng
RT: 8.47 min Scan# 949
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.0	71.4	111.4		
77	26.6	6.7	46.7		
79	23.0	4.1	44.1		





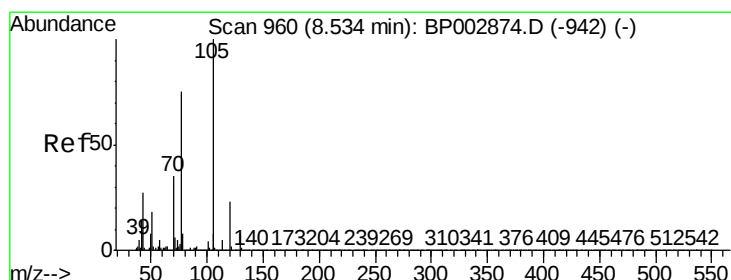
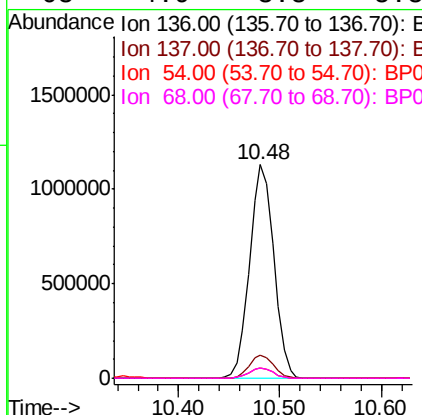
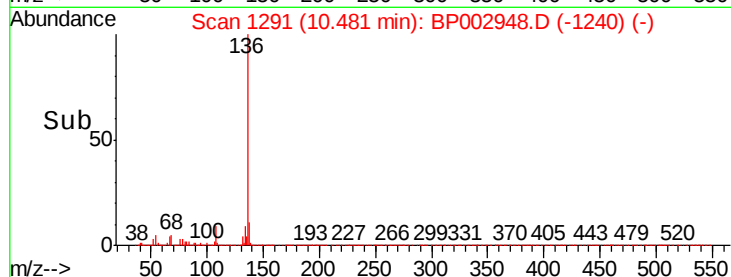
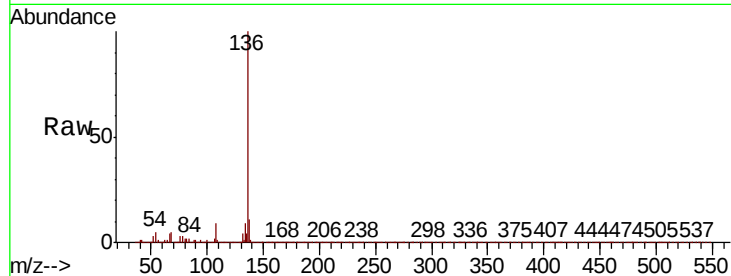
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.0	3.9	5.9
68	4.9	3.8	5.8

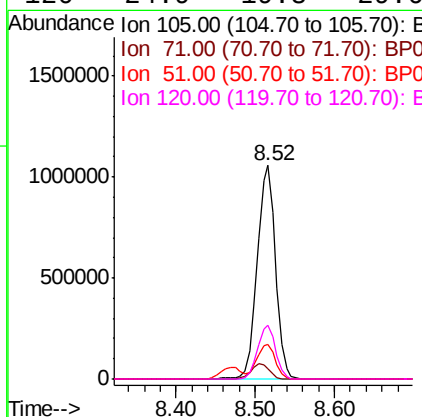
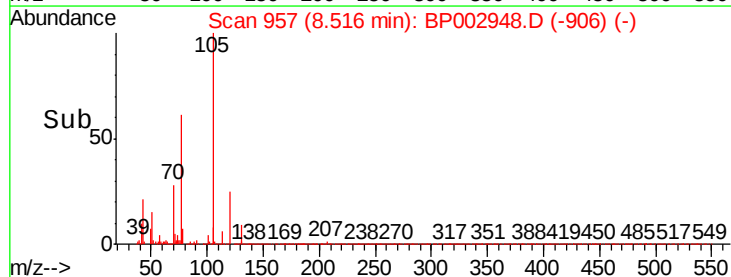
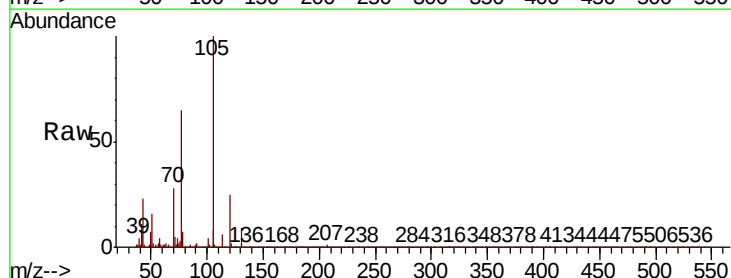
Manual Integrations
APPROVED

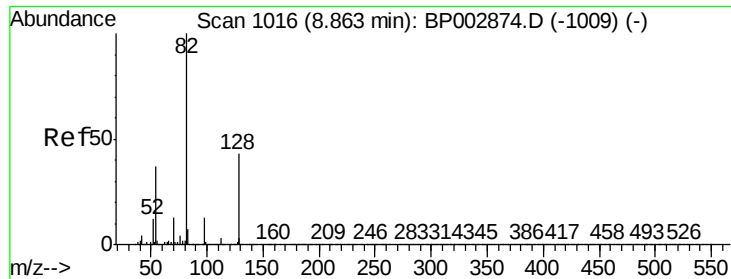
mohammad
8/25/2020 8:39:10 AM



#22
Acetophenone
Concen: 32.368 ng
RT: 8.52 min Scan# 957
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.5	6.7
51	16.1	13.0	19.6
120	24.9	19.8	29.6





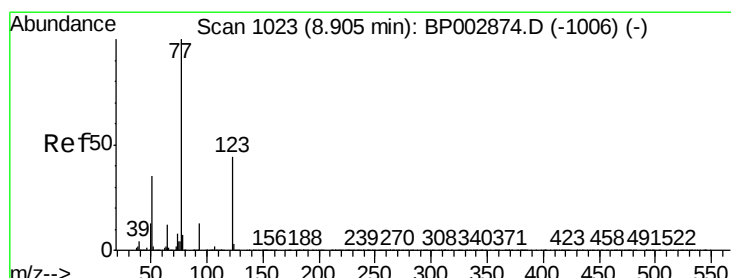
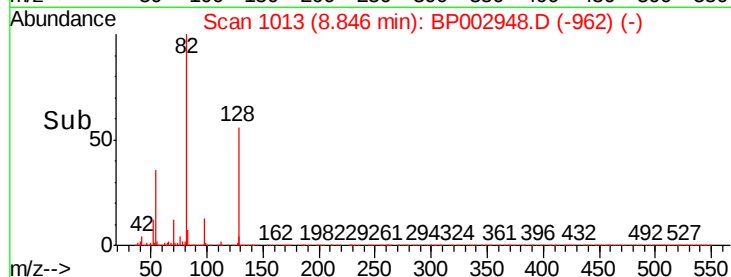
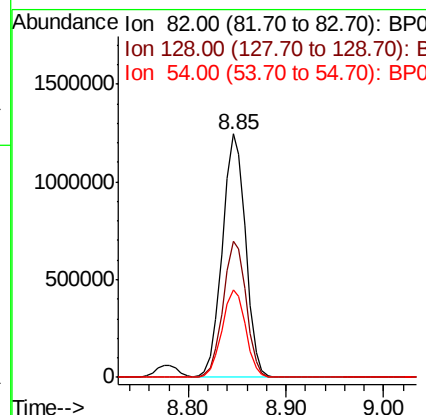
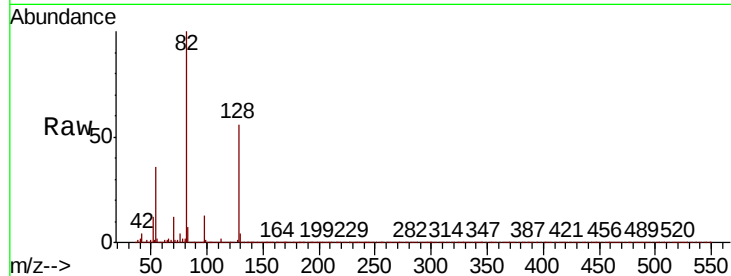
#23
Nitrobenzene-d5
Concen: 59.255 ng
RT: 8.85 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	56.0	44.6	66.8
54	35.9	29.2	43.8

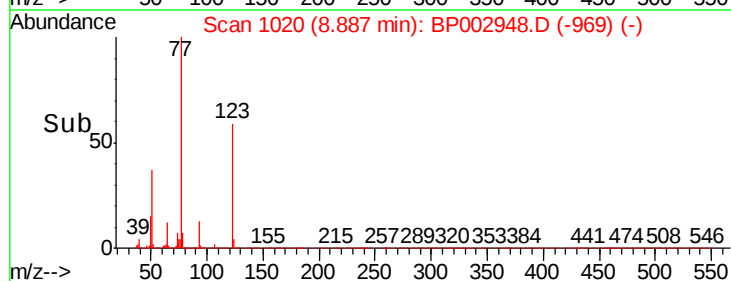
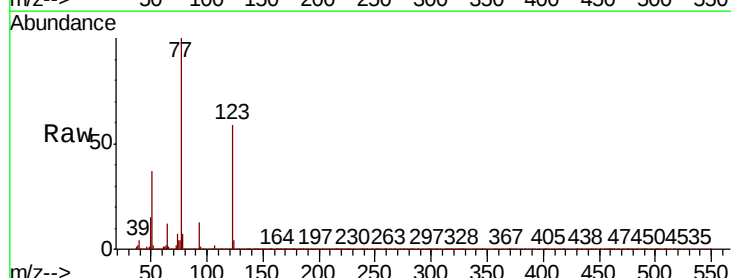
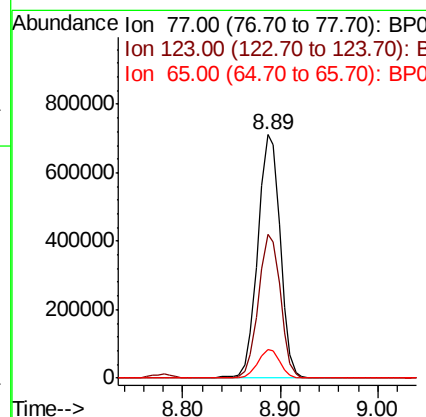
Manual Integrations
APPROVED

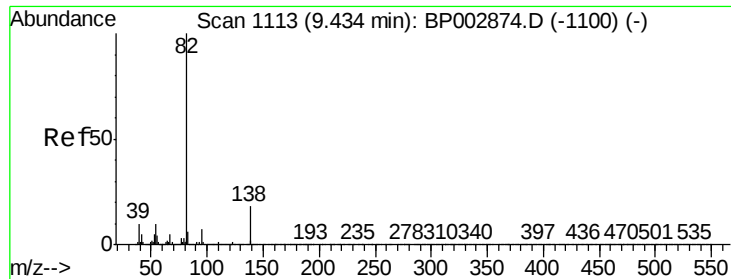
mohammad
8/25/2020 8:39:10 AM



#24
Nitrobenzene
Concen: 30.314 ng
RT: 8.89 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	59.2	46.6	69.8
65	11.7	9.3	13.9





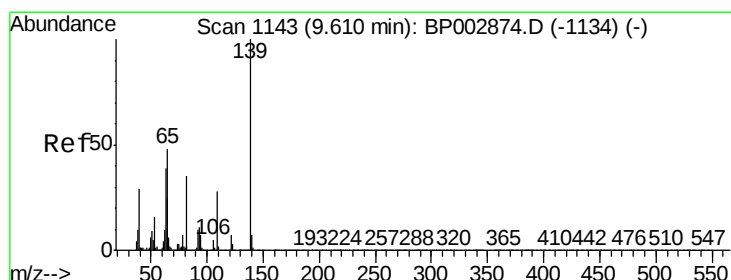
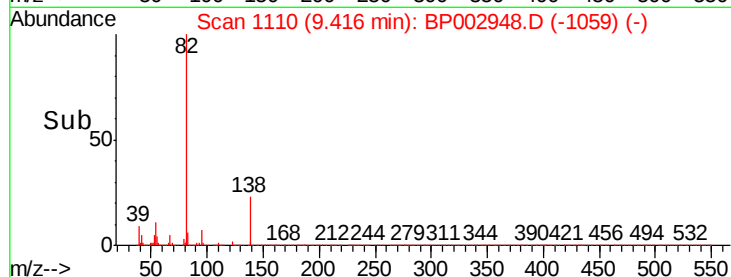
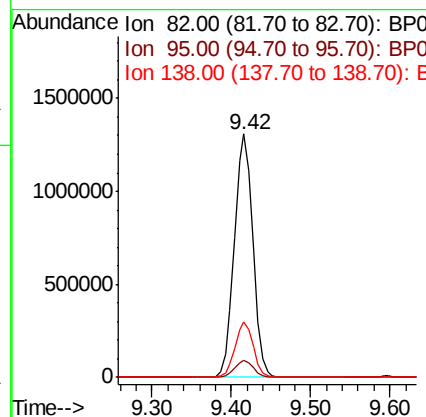
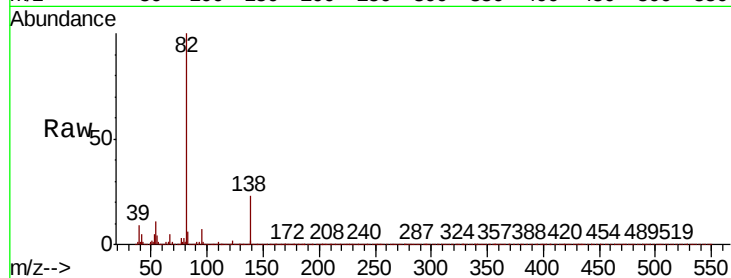
#25
Isophorone
Concen: 28.416 ng
RT: 9.42 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	22.8	18.3	27.5

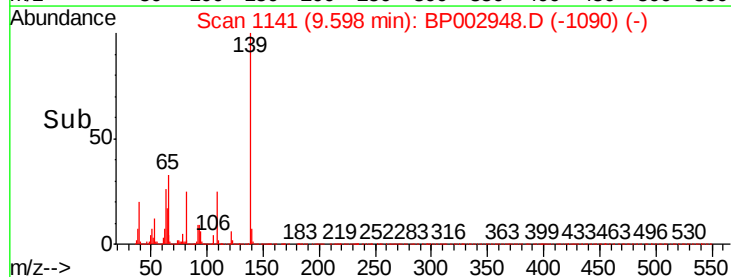
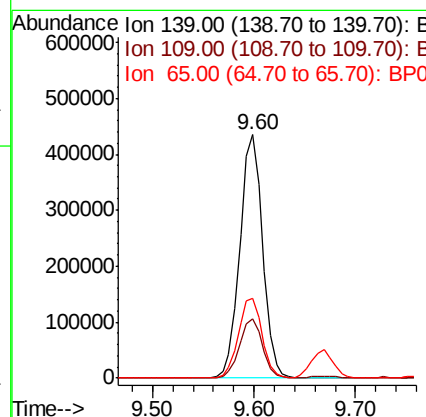
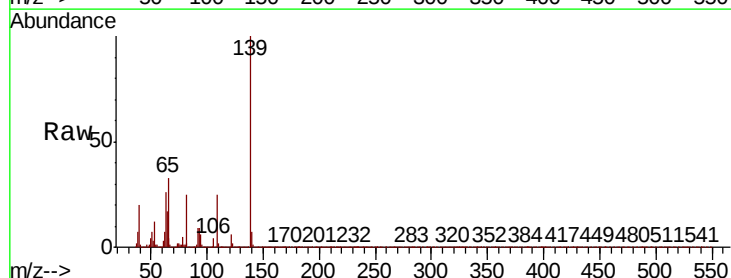
Manual Integrations
APPROVED

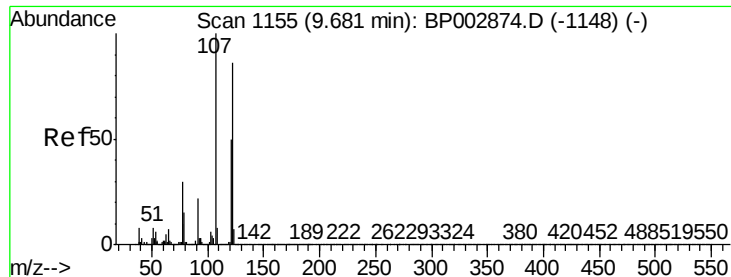
mohammad
8/25/2020 8:39:10 AM



#26
2-Nitrophenol
Concen: 43.882 ng
RT: 9.60 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	24.6	19.5	29.3
65	32.8	26.6	40.0





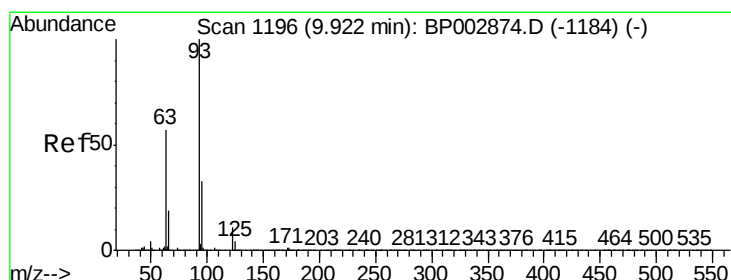
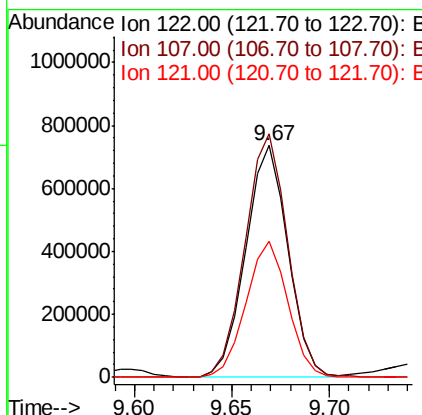
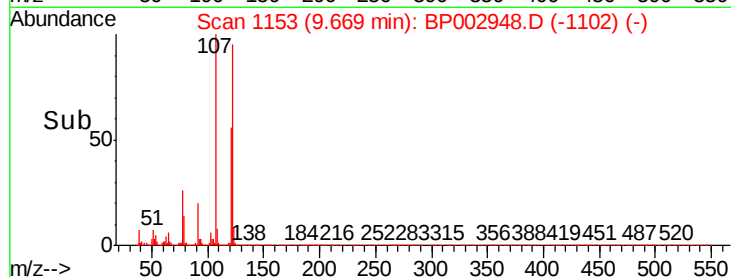
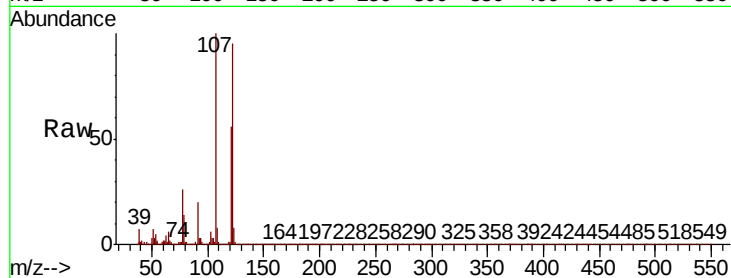
#27
2,4-Dimethylphenol
Concen: 37.408 ng
RT: 9.67 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.0	83.5	125.3
121	58.5	46.5	69.7

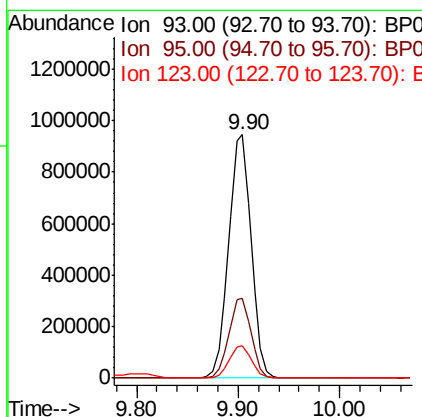
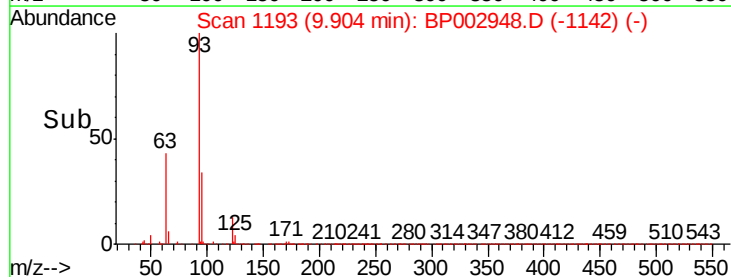
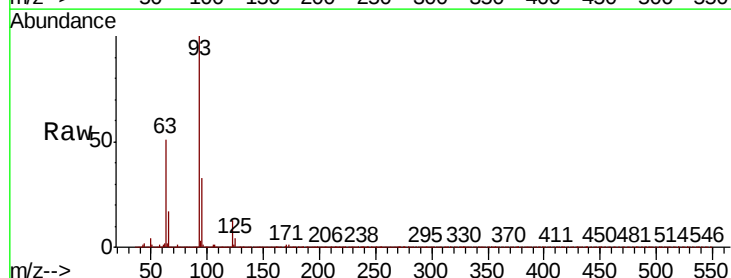
Manual Integrations
APPROVED

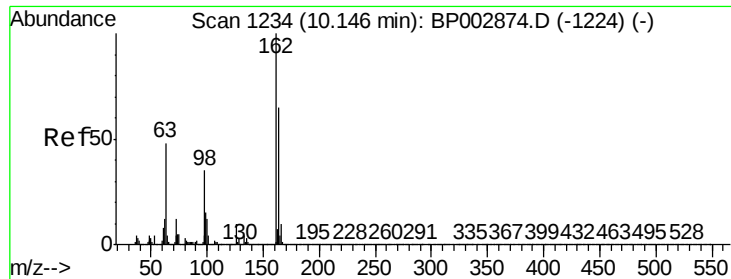
mohammad
8/25/2020 8:39:10 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.084 ng
RT: 9.90 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	13.3	10.6	16.0





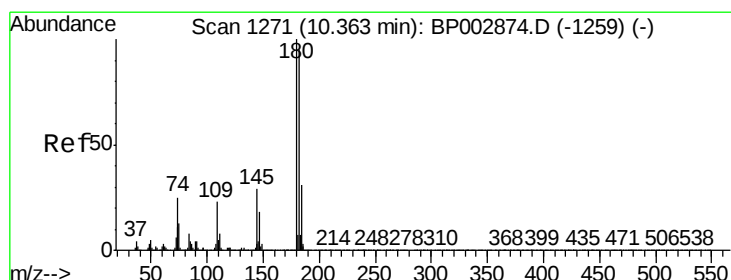
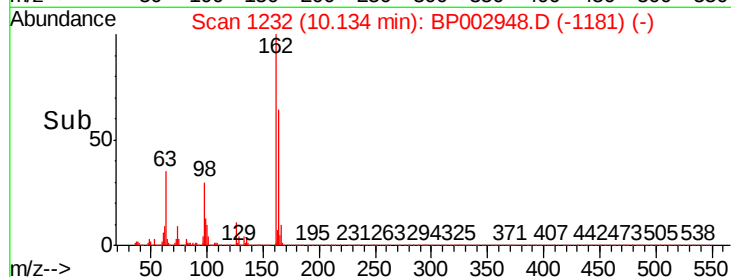
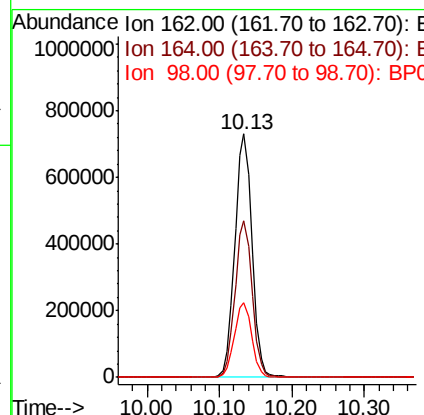
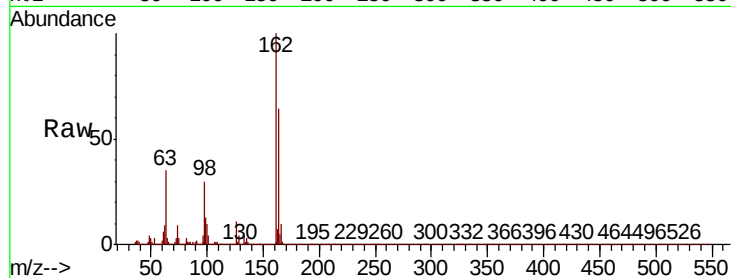
#29
 2,4-Dichlorophenol
 Concen: 38.805 ng
 RT: 10.13 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

Instrument :
 BNA_P
 ClientSampleId :
 PB130914BS

Tot Ion:	162	Resp:	1205764
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.2	84.2
98	30.5	10.3	50.3

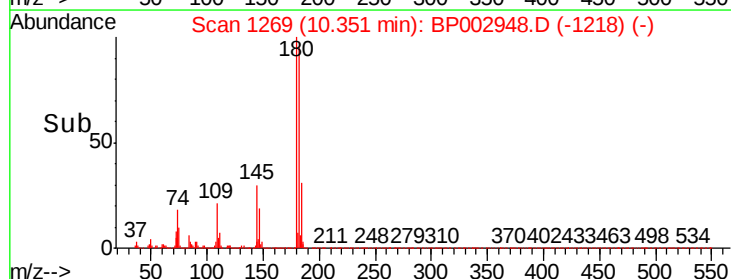
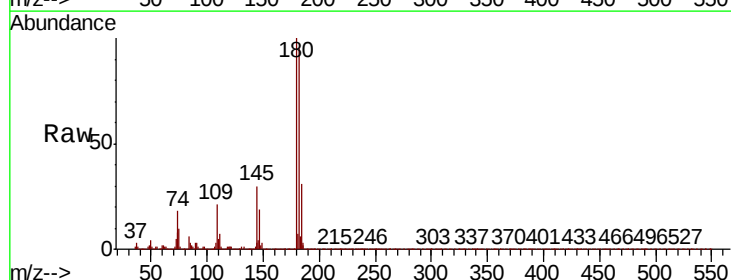
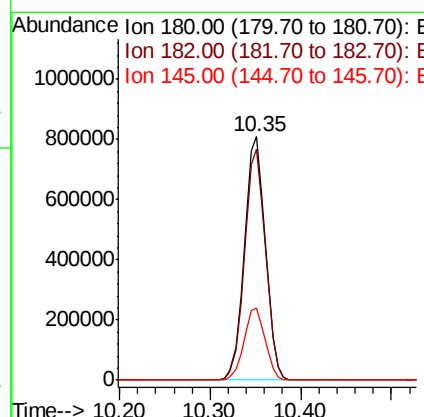
Manual Integrations
 APPROVED

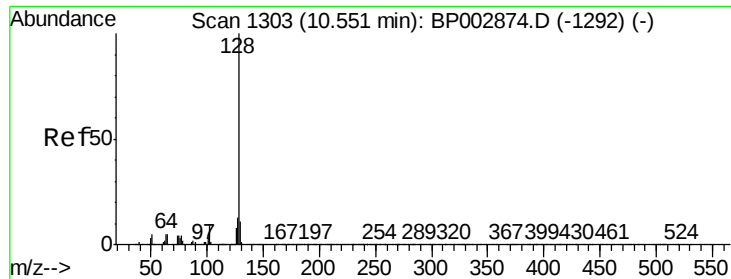
mohammad
 8/25/2020 8:39:10 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.851 ng
 RT: 10.35 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

Tgt Ion:	180	Resp:	1302203
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.8	115.2
145	29.9	23.8	35.8





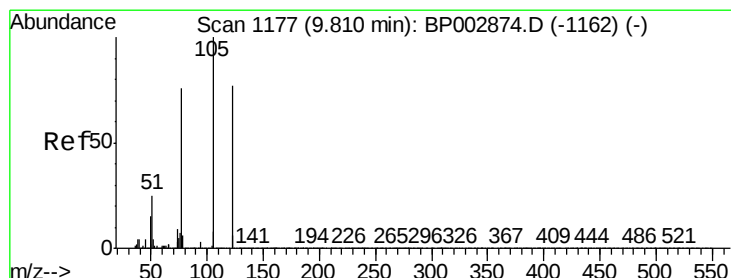
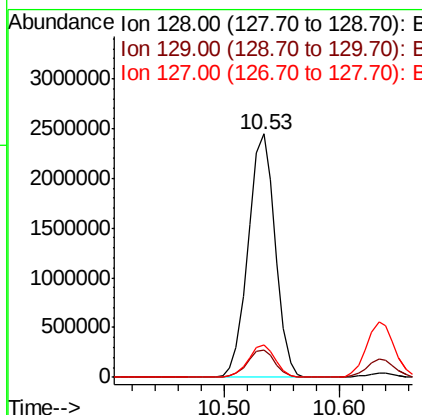
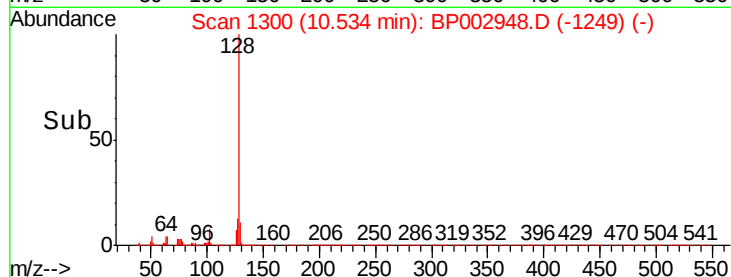
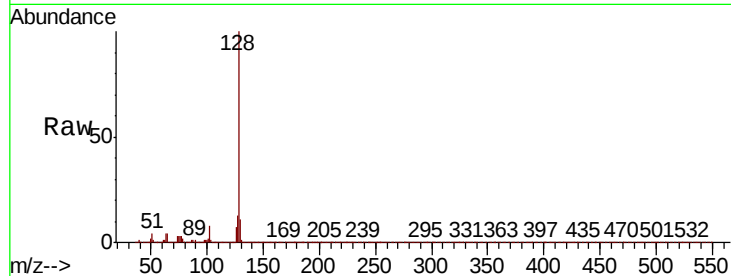
#31
Naphthalene
Concen: 37.235 ng
RT: 10.53 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.2	10.6	15.8

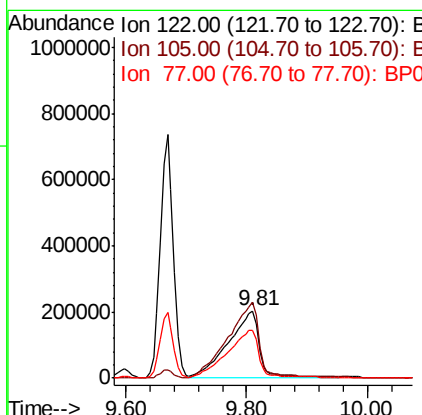
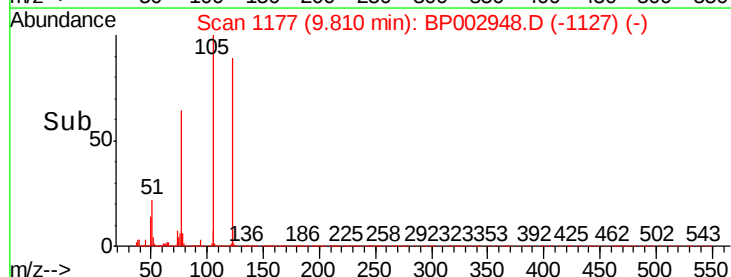
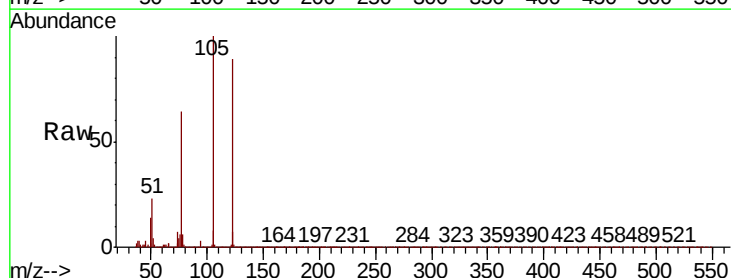
Manual Integrations
APPROVED

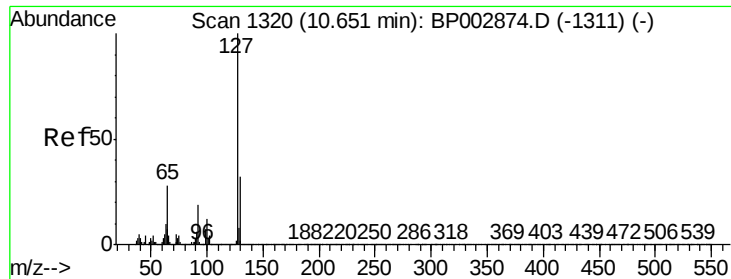
mohammad
8/25/2020 8:39:10 AM



#32
Benzoic acid
Concen: 41.853 ng
RT: 9.81 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.0	95.8	135.8
77	71.9	54.7	94.7





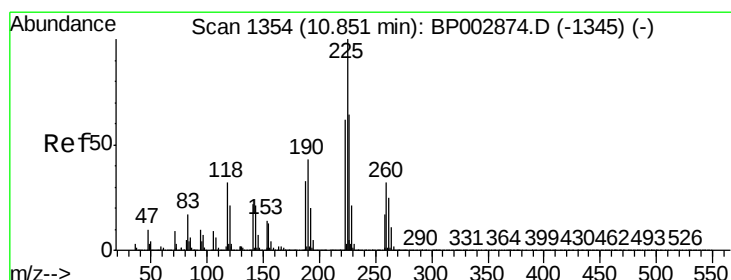
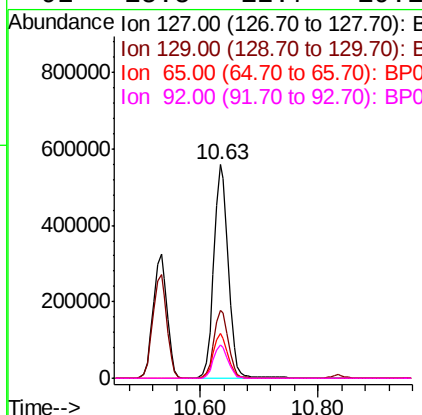
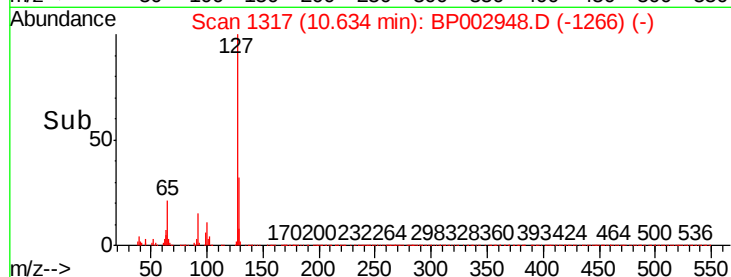
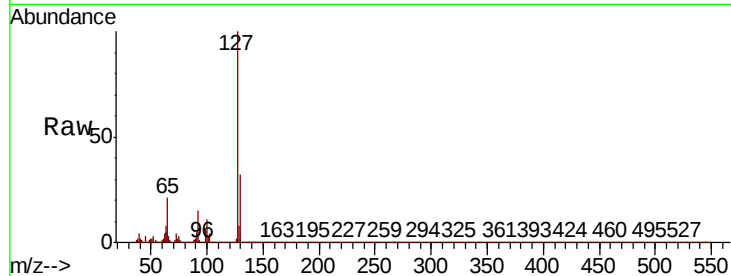
#33
4-Chloroaniline
Concen: 21.532 ng
RT: 10.63 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.1	39.1		
65	20.9	16.8	25.2		
92	15.5	12.7	19.1		

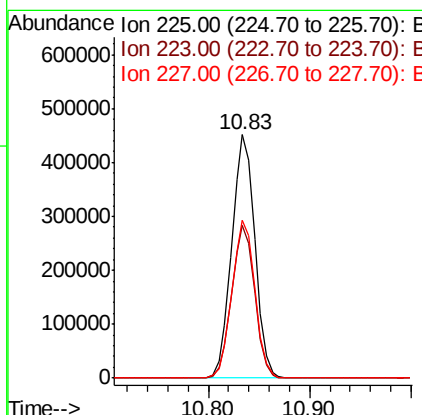
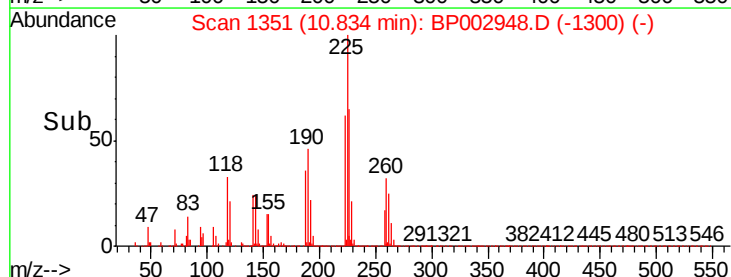
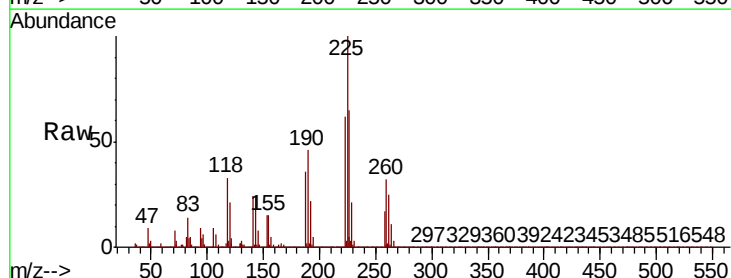
Manual Integrations
APPROVED

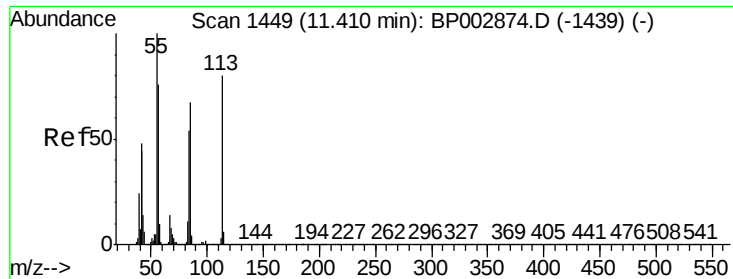
mohammad
8/25/2020 8:39:10 AM



#34
Hexachlorobutadiene
Concen: 32.021 ng
RT: 10.83 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.6	76.0		
227	65.0	51.0	76.4		





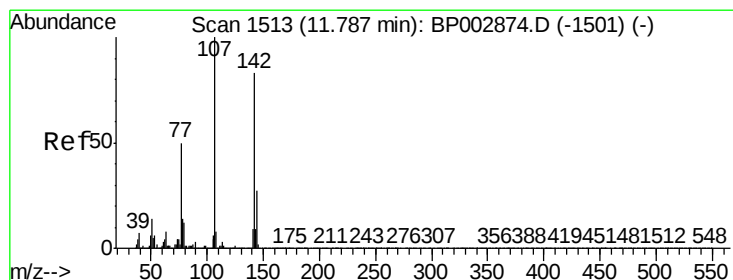
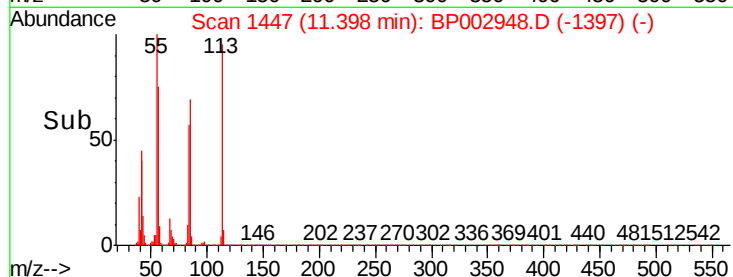
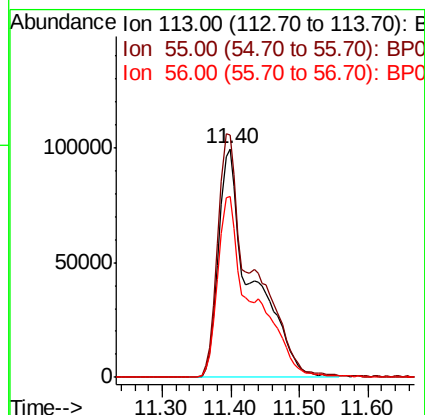
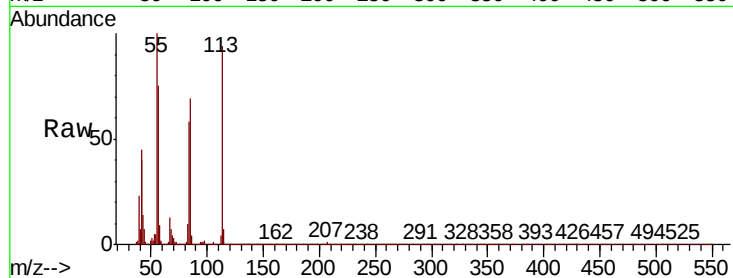
#35
Caprolactam
Concen: 35.026 ng/ml
RT: 11.40 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleID :
PB130914BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	106.0	90.5	130.5
56	79.3	63.2	103.2

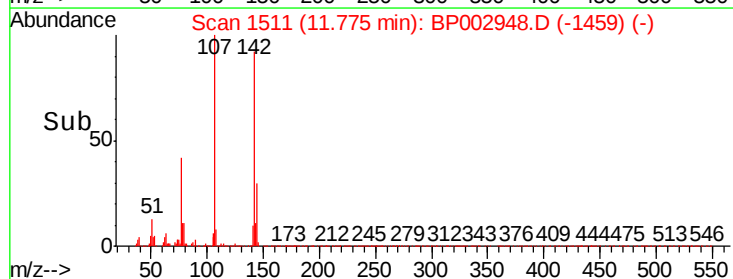
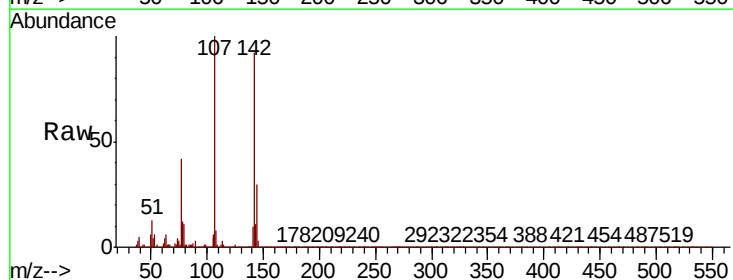
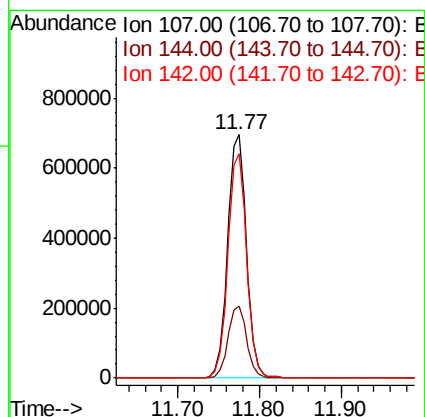
Manual Integrations
APPROVED

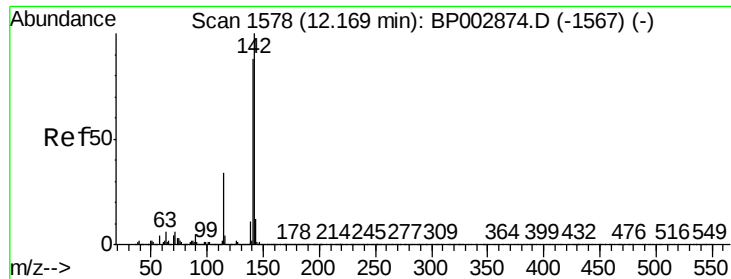
mohammad
8/25/2020 8:39:10 AM



#36
4-Chloro-3-methylphenol
Concen: 34.381 ng/ml
RT: 11.77 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.7	23.5	35.3
142	92.3	72.6	108.8





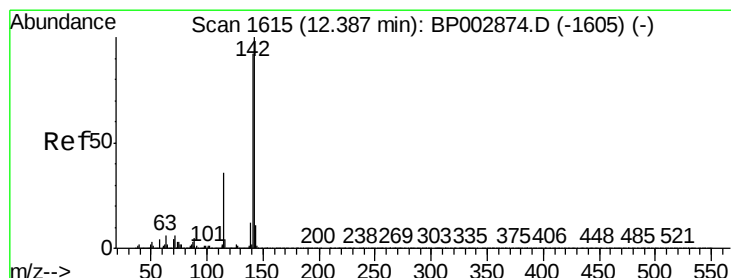
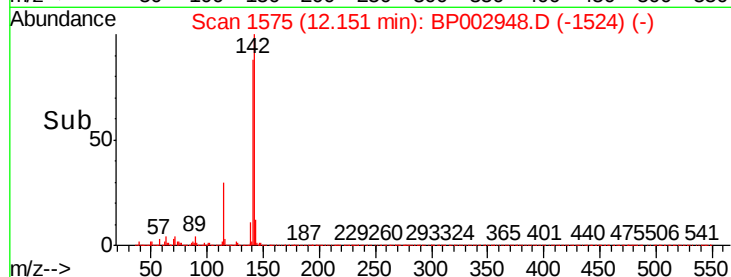
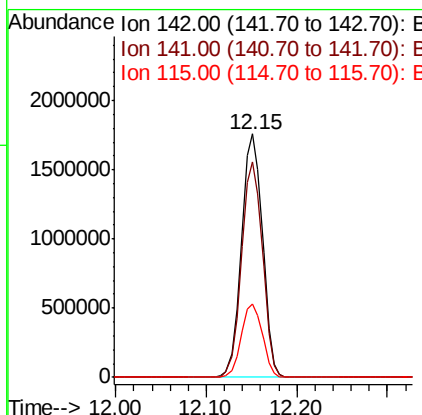
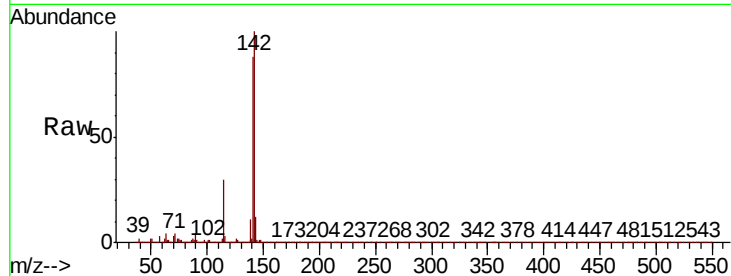
#37
2-Methylnaphthalene
Concen: 37.211 ng
RT: 12.15 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	30.3	24.3	36.5

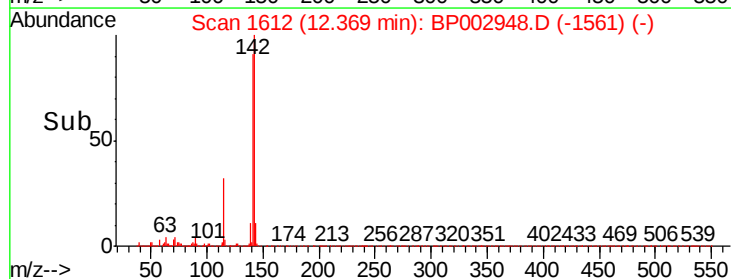
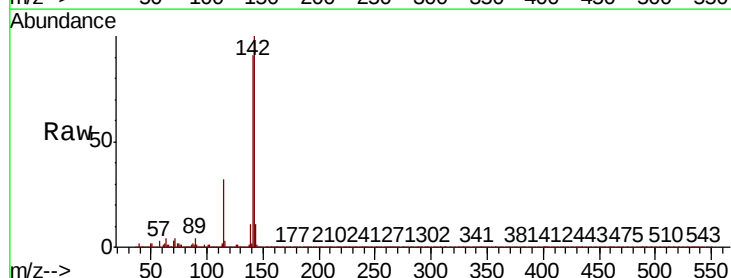
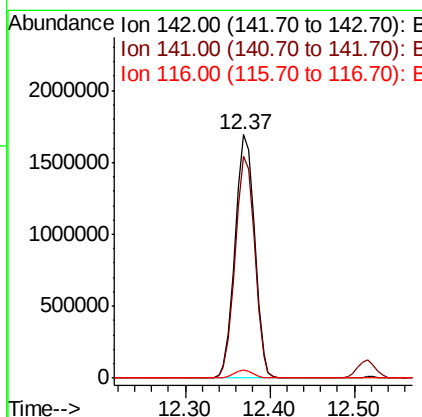
Manual Integrations
APPROVED

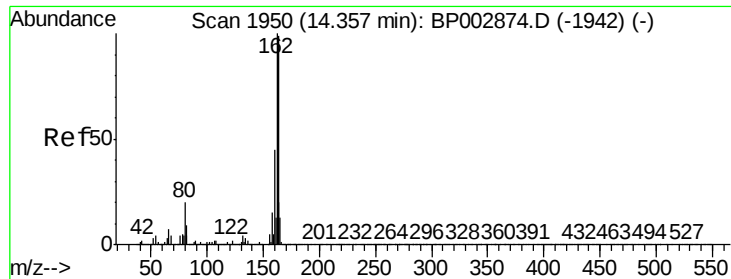
mohammad
8/25/2020 8:39:10 AM



#38
1-Methylnaphthalene
Concen: 37.392 ng
RT: 12.37 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.4	110.0
116	3.5	2.7	4.1





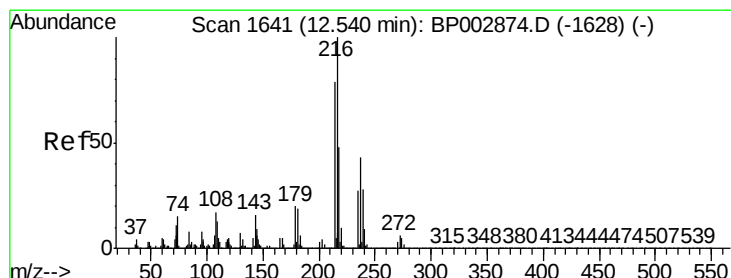
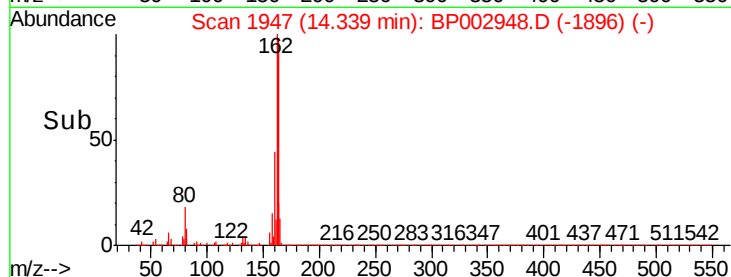
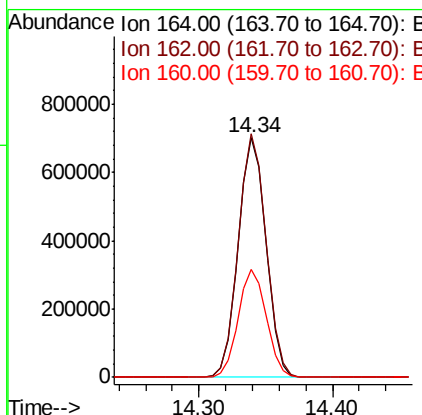
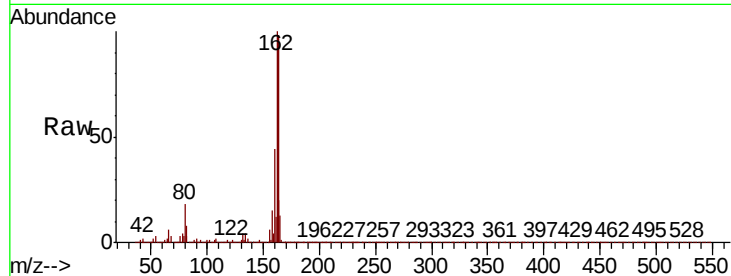
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.0	121.4
160	44.9	36.2	54.4

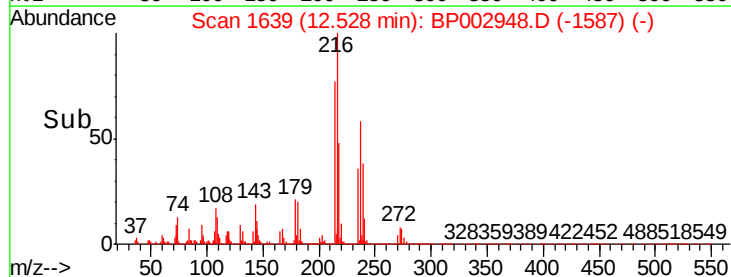
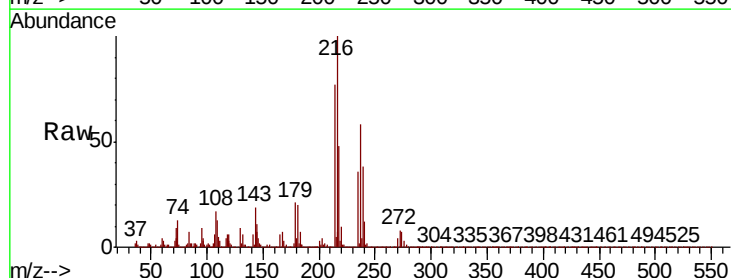
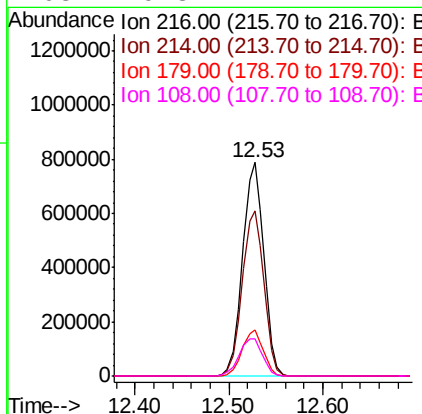
Manual Integrations
APPROVED

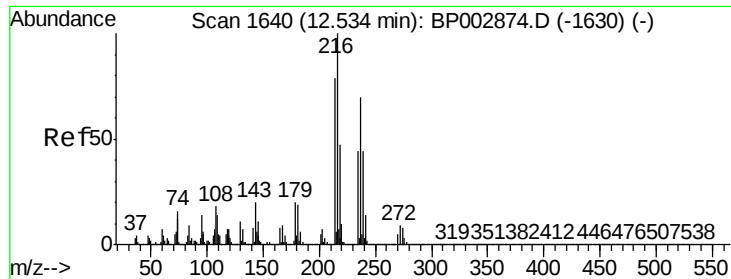
mohammad
8/25/2020 8:39:10 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.782 ng
RT: 12.53 min Scan# 1639
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.1	94.7
179	21.3	17.1	25.7
108	19.3	14.1	21.1





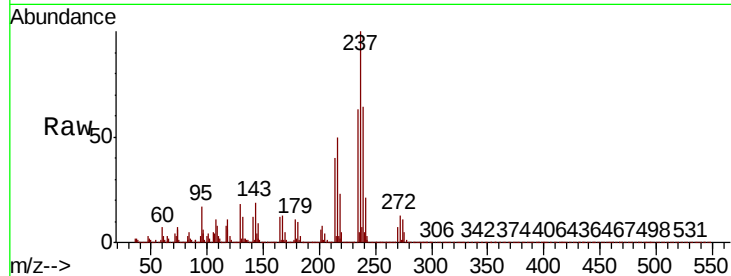
#41
Hexachlorocyclopentadiene
Concen: 76.502 ng
RT: 12.52 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.2	82.2
272	13.5	0.0	33.6

Manual Integrations
APPROVED

mohammad
8/25/2020 8:39:10 AM

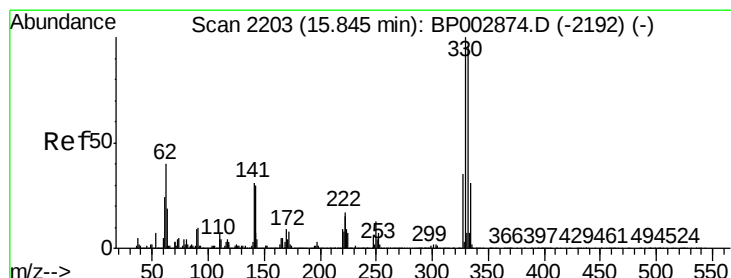
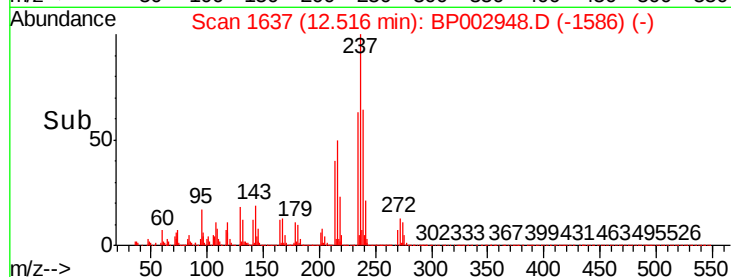
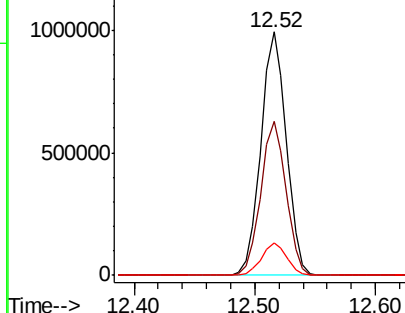


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 93.959 ng
RT: 15.83 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

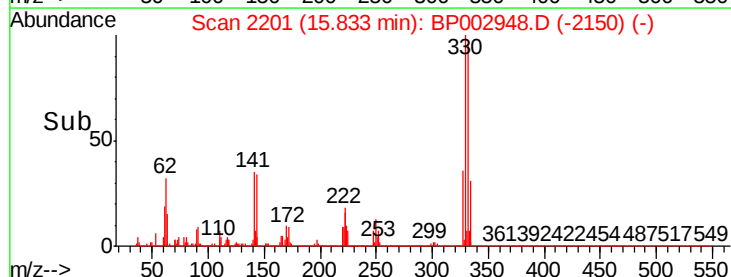
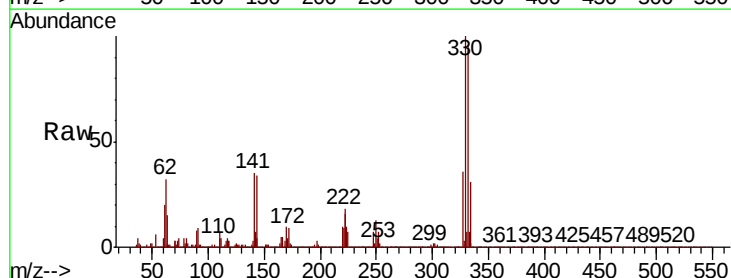
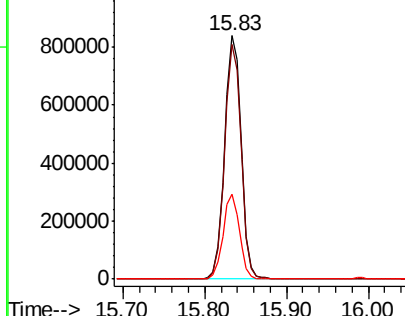
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.4
141	34.9	28.6	43.0

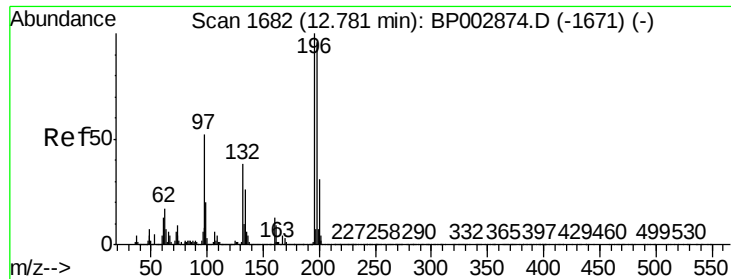
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





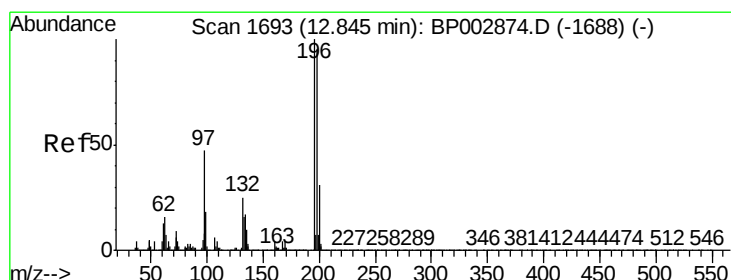
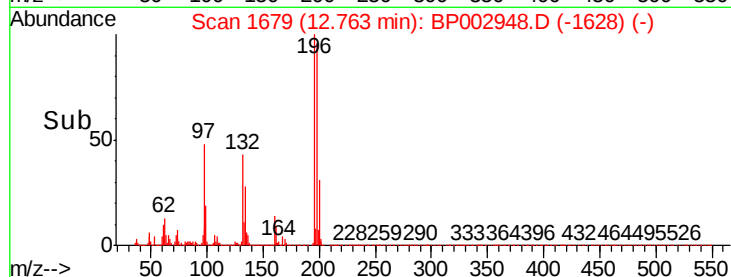
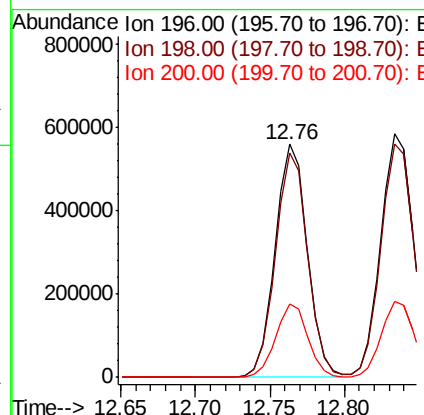
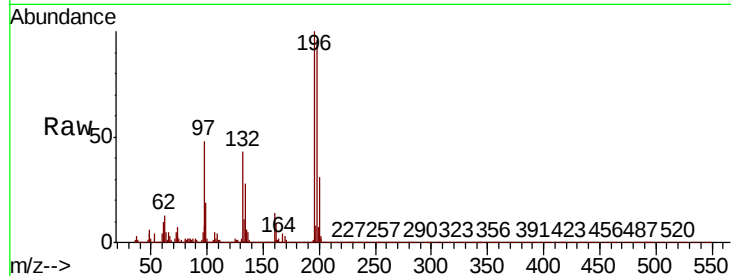
#43
2,4,6-Trichlorophenol
Concen: 40.086 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	844498		
198	96.1	76.2	114.2	
200	31.3	24.4	36.6	

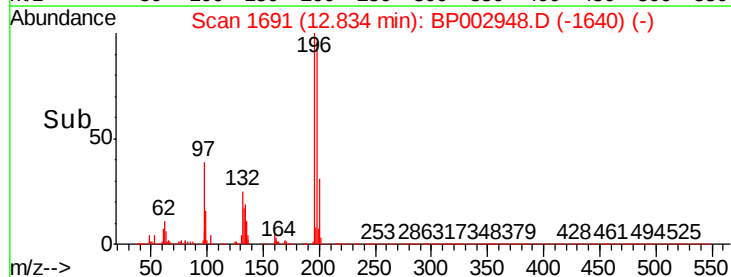
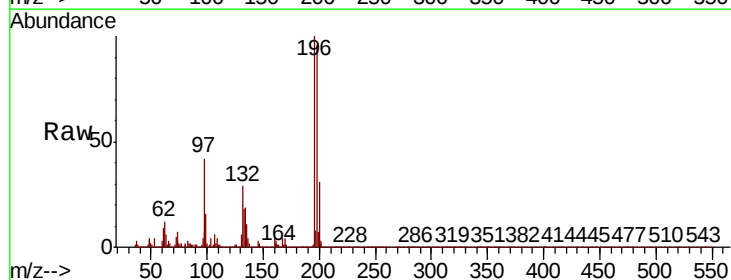
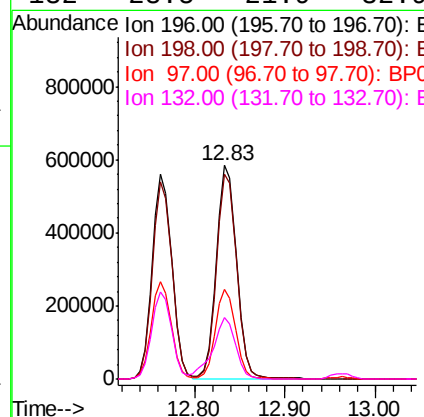
Manual Integrations
APPROVED

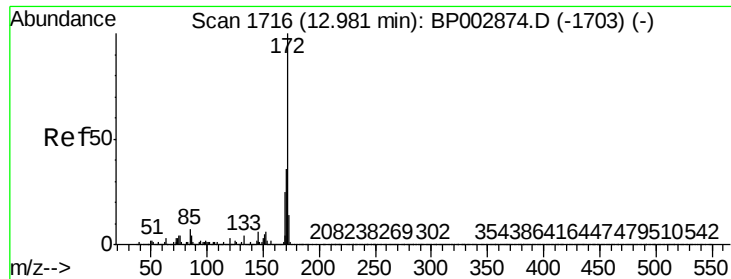
mohammad
8/25/2020 8:39:10 AM



#44
2,4,5-Trichlorophenol
Concen: 39.167 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	905172		
198	96.0	76.0	114.0	
97	42.1	33.9	50.9	
132	28.5	21.9	32.9	





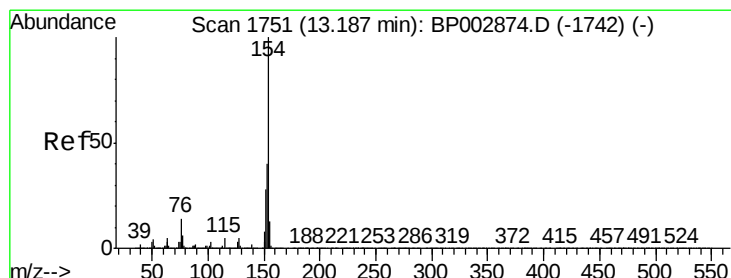
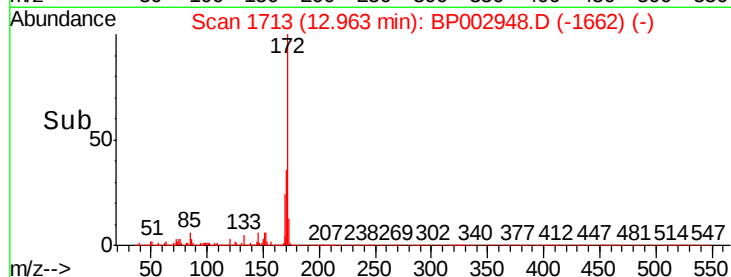
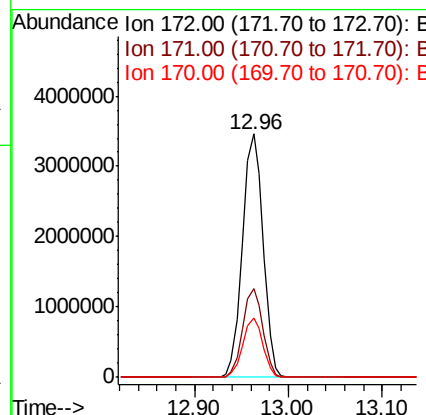
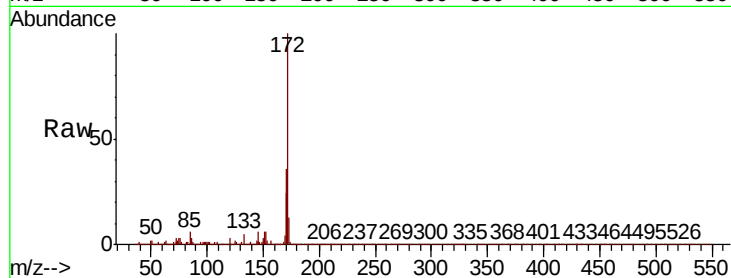
#45
2-Fluorobiphenyl
Concen: 71.042 ng
RT: 12.96 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.5	19.6	29.4

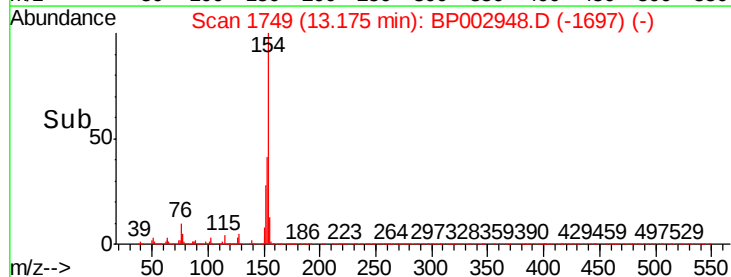
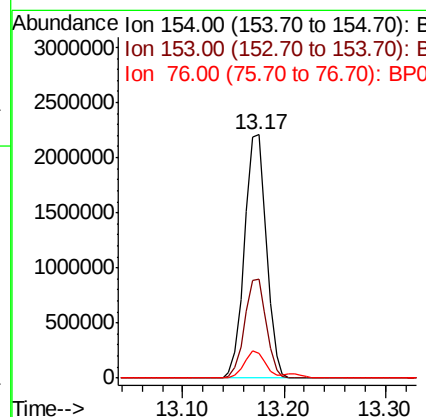
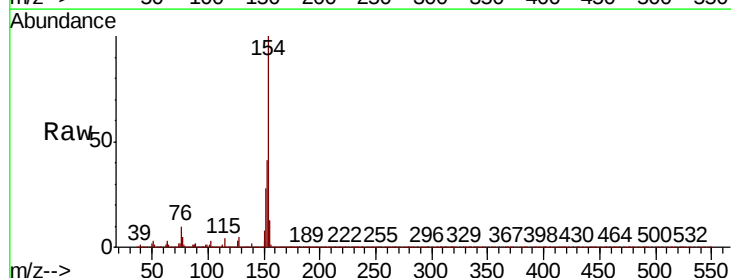
Manual Integrations
APPROVED

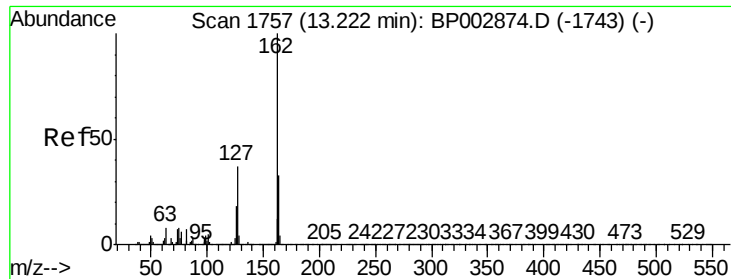
mohammad
8/25/2020 8:39:10 AM



#46
1,1'-Biphenyl
Concen: 39.511 ng
RT: 13.17 min Scan# 1749
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	10.2	0.0	31.1





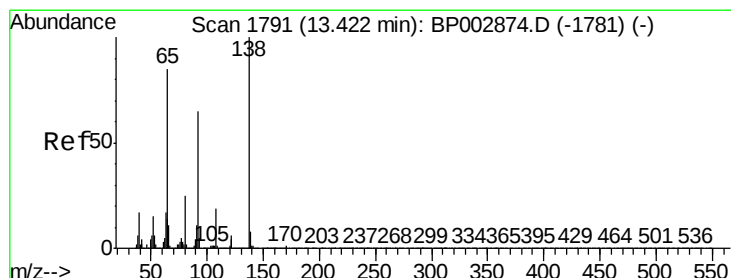
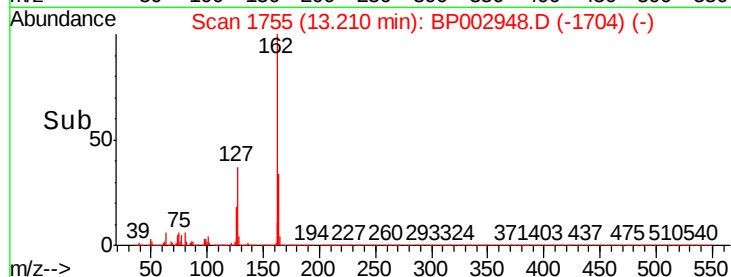
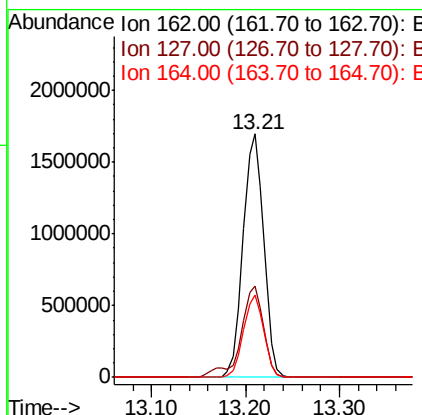
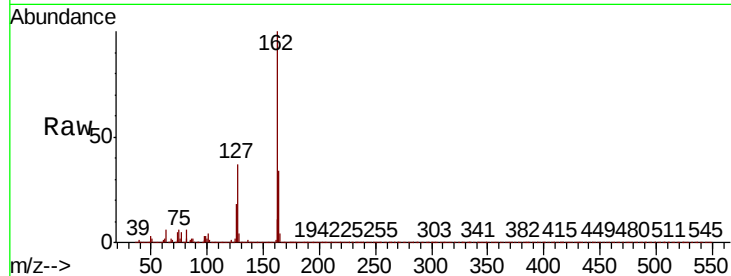
#47
2-Chloronaphthalene
Concen: 39.357 ng
RT: 13.21 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.1	45.1
164	33.6	26.9	40.3

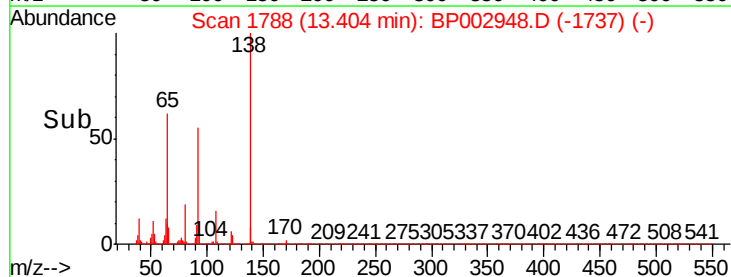
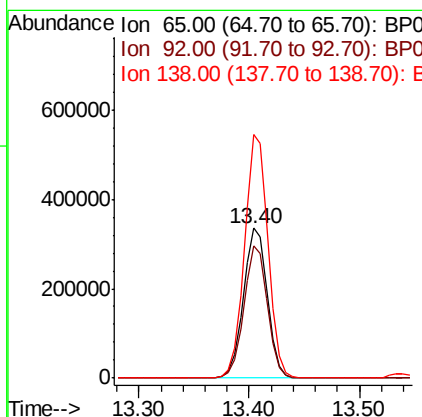
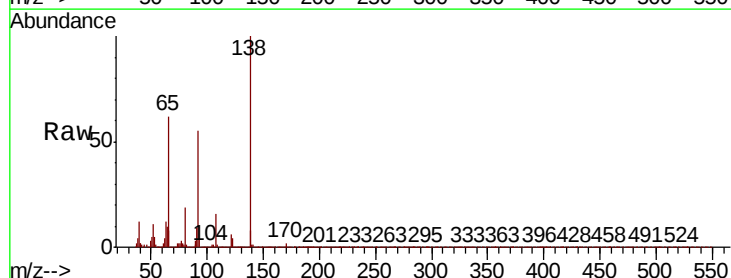
Manual Integrations
APPROVED

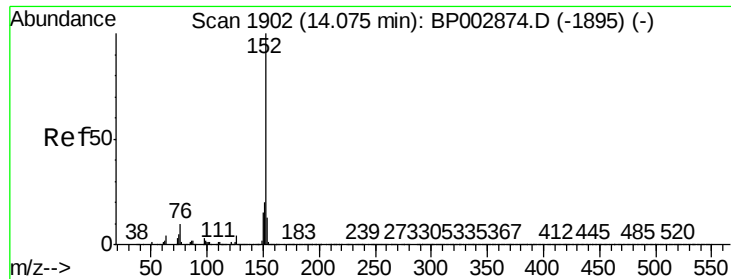
mohammad
8/25/2020 8:39:10 AM



#48
2-Nitroaniline
Concen: 32.637 ng
RT: 13.40 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	88.5	69.6	104.4
138	162.2	125.6	188.4





#49

Acenaphthylene

Concen: 38.872 ng

RT: 14.06 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

Tot Ion:152 Resp: 3989813

Ion Ratio Lower Upper

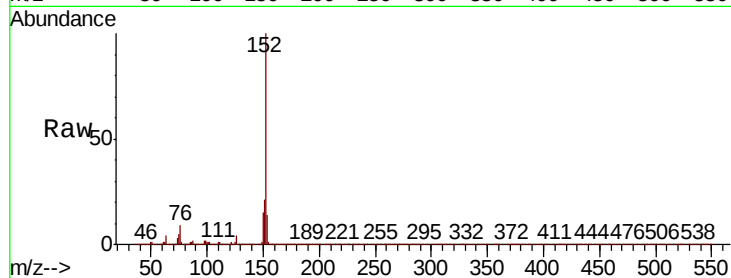
152 100

151 20.5 16.6 25.0

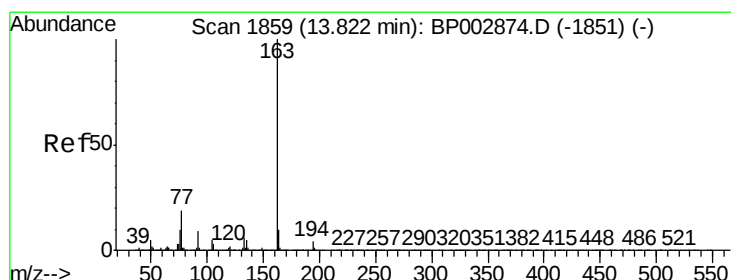
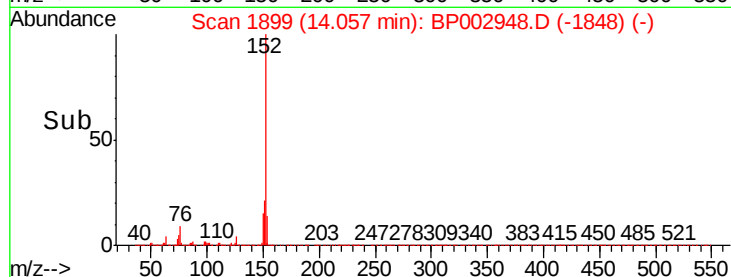
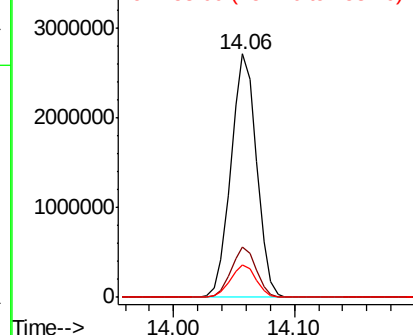
153 13.5 10.9 16.3

Manual Integrations
APPROVED

mohammad
8/25/2020 8:39:10 AM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.226 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

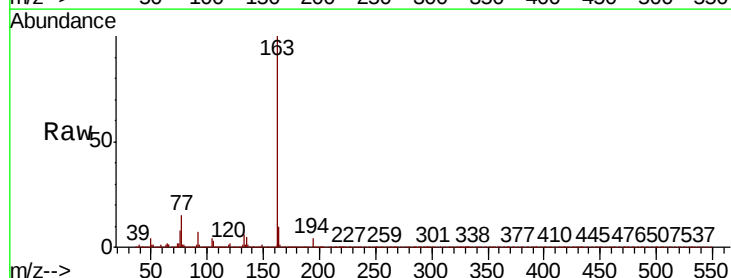
Tgt Ion:163 Resp: 3022641

Ion Ratio Lower Upper

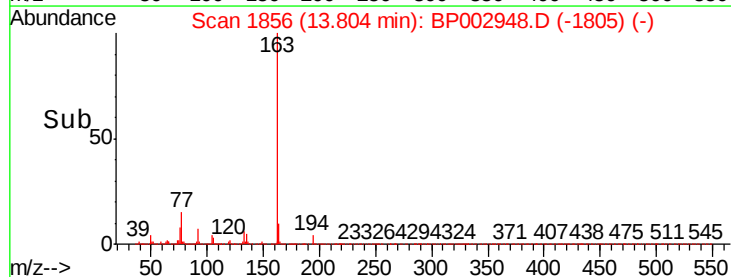
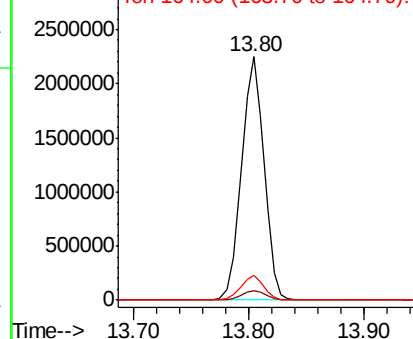
163 100

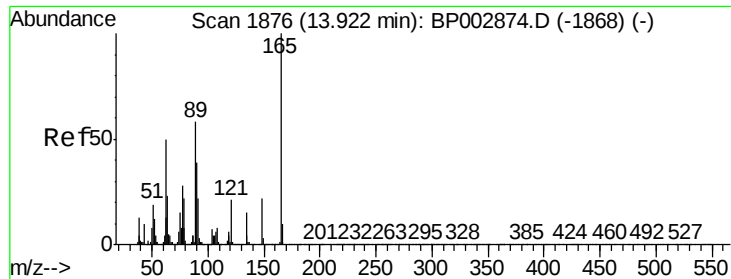
194 4.1 3.4 5.0

164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





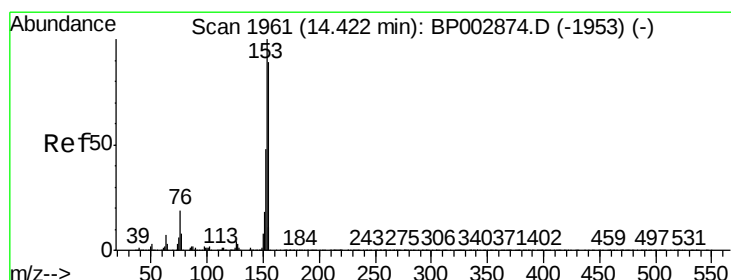
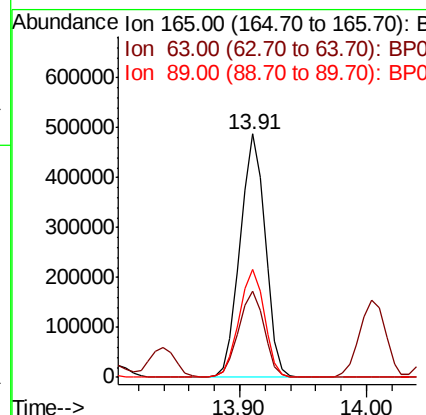
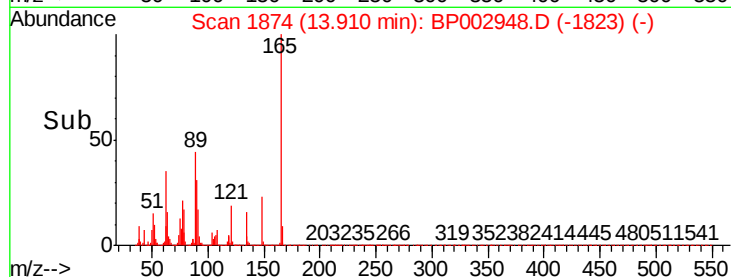
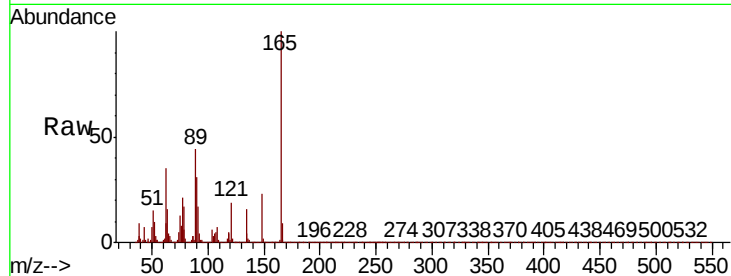
#51
2,6-Dinitrotoluene
Concen: 38.005 ng
RT: 13.91 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	665964		
63	35.3	27.5	41.3	
89	44.2	35.3	52.9	

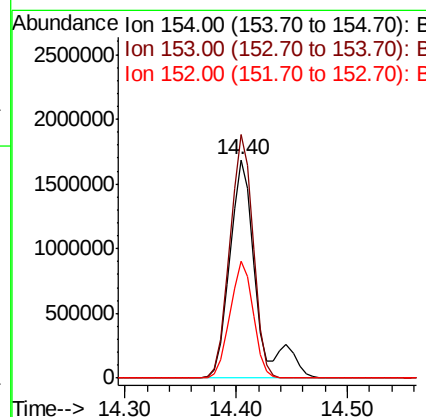
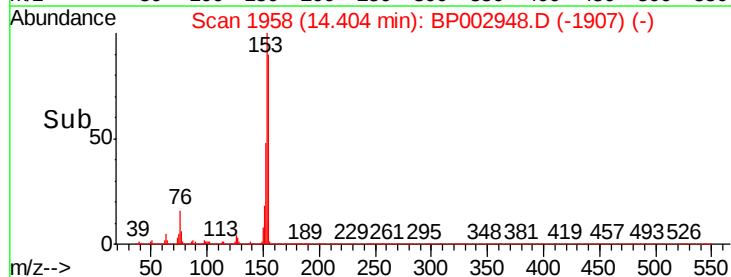
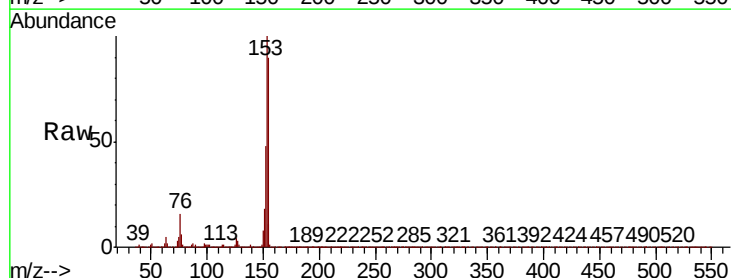
Manual Integrations
APPROVED

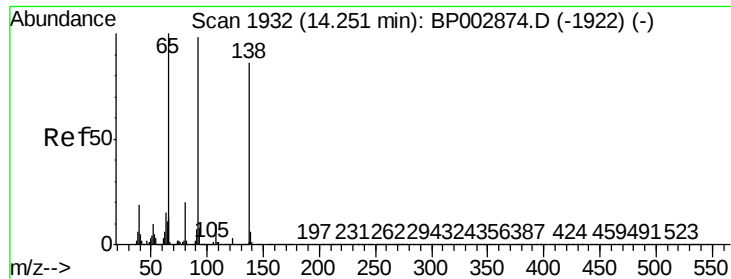
mohammad
8/25/2020 8:39:10 AM



#52
Acenaphthene
Concen: 41.947 ng m
RT: 14.40 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2767197		
153	111.5	89.1	133.7	
152	53.6	43.5	65.3	





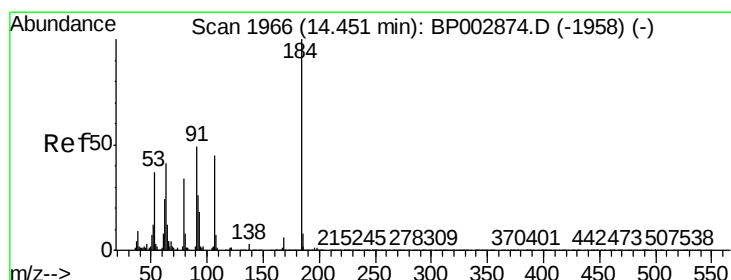
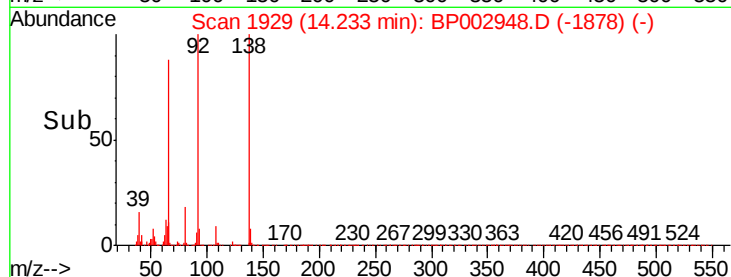
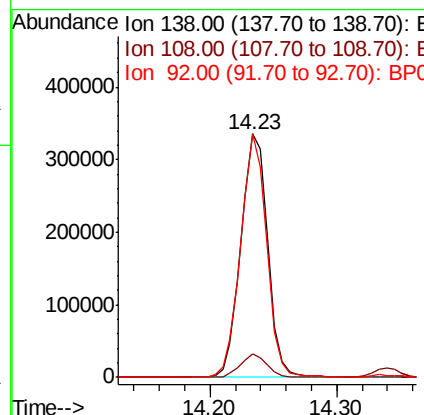
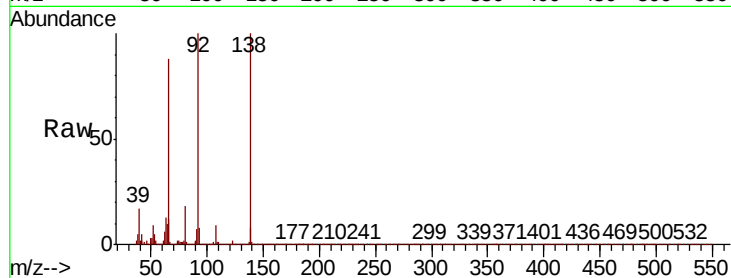
#53
3-Nitroaniline
Concen: 27.585 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.2	10.8
92	100.1	75.8	113.6

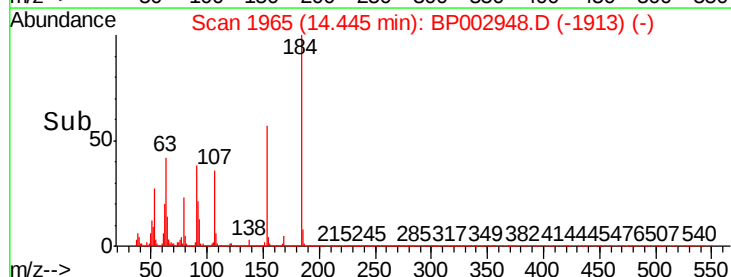
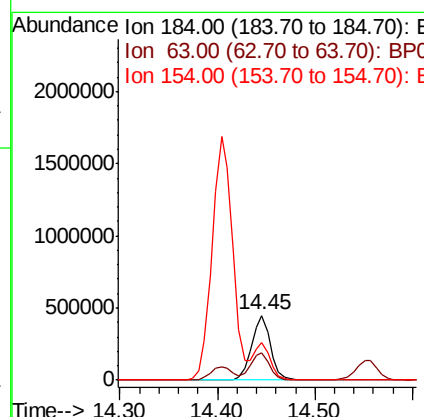
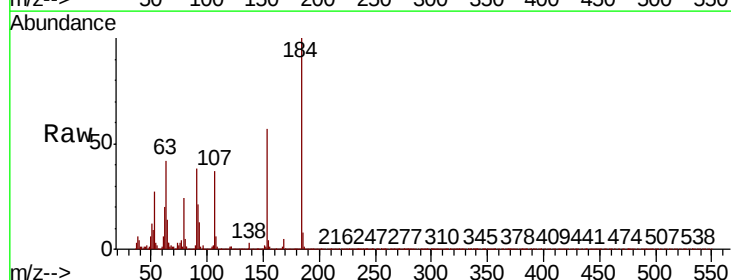
Manual Integrations
APPROVED

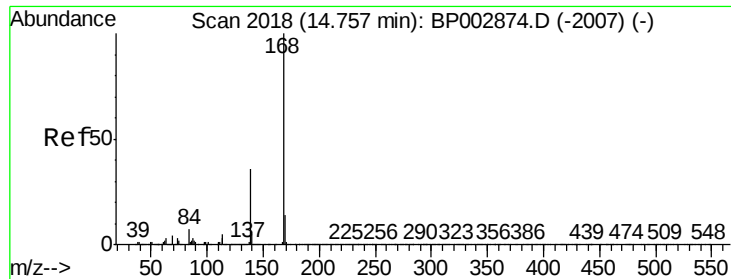
mohammad
8/25/2020 8:39:10 AM



#54
2,4-Dinitrophenol
Concen: 80.207 ng
RT: 14.45 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	41.6	36.4	54.6
154	57.1	46.6	69.8





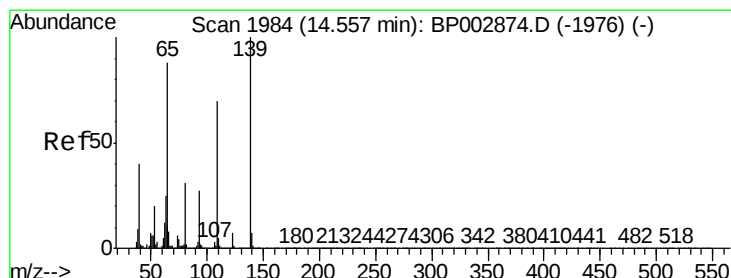
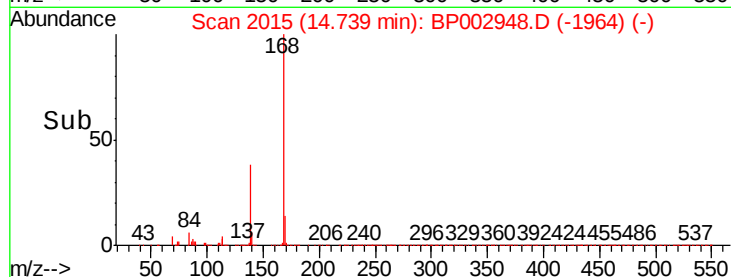
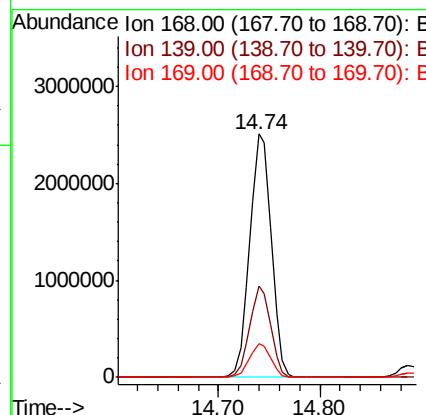
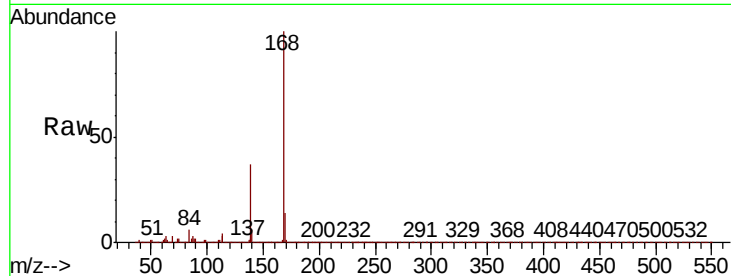
#55
Dibenzofuran
Concen: 36.541 ng
RT: 14.74 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.4	44.2
169	13.9	11.0	16.6

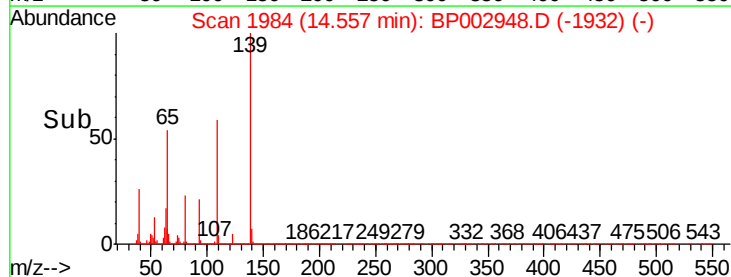
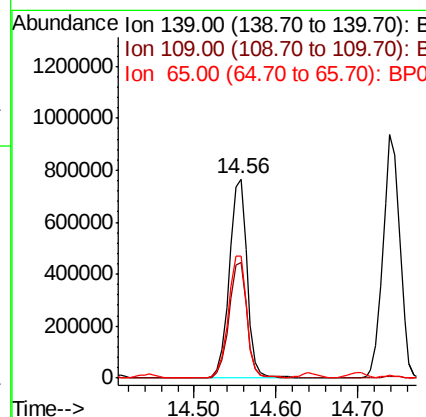
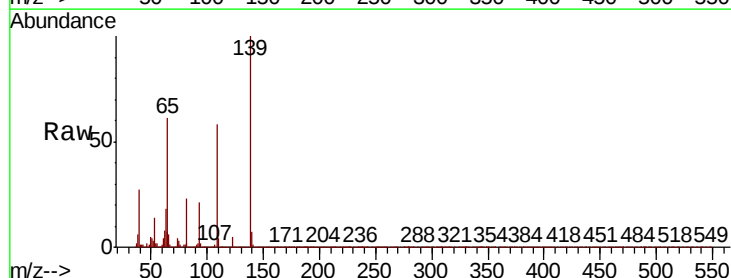
Manual Integrations
APPROVED

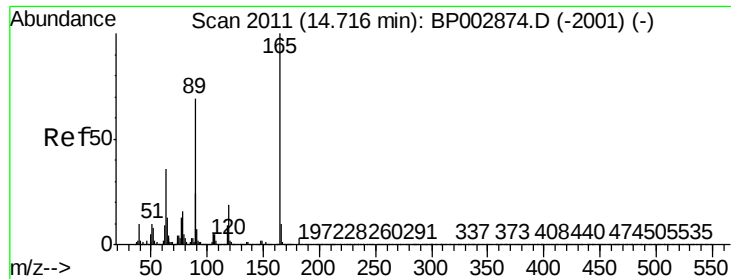
mohammad
8/25/2020 8:39:10 AM



#56
4-Nitrophenol
Concen: 82.487 ng
RT: 14.56 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.2	37.6	77.6
65	61.2	43.0	83.0





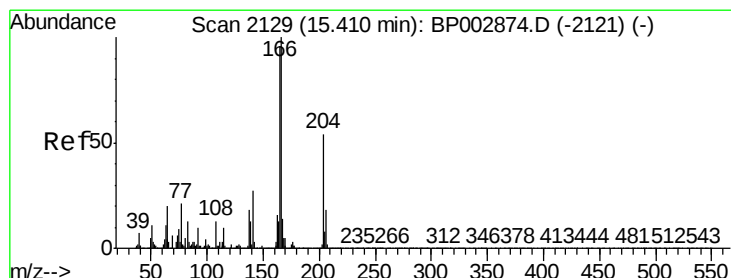
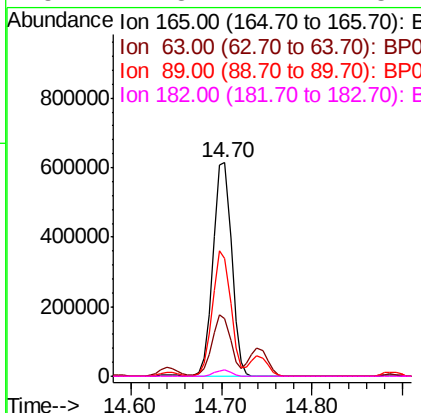
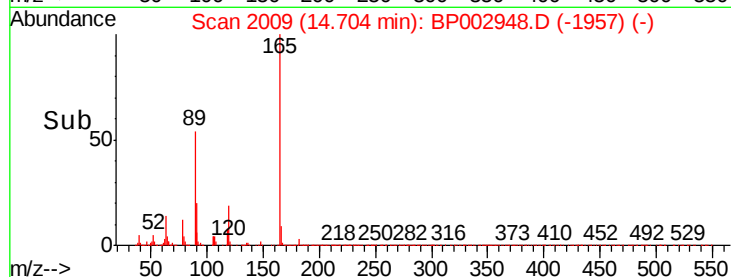
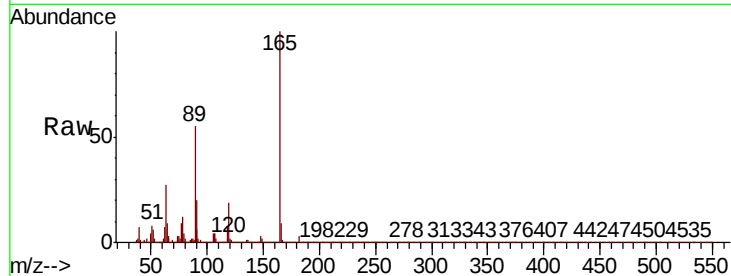
#57
2,4-Dinitrotoluene
Concen: 38.032 ng
RT: 14.70 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		873235		
63	26.8	22.6	34.0		
89	55.2	46.2	69.2		
182	2.8	2.2	3.4		

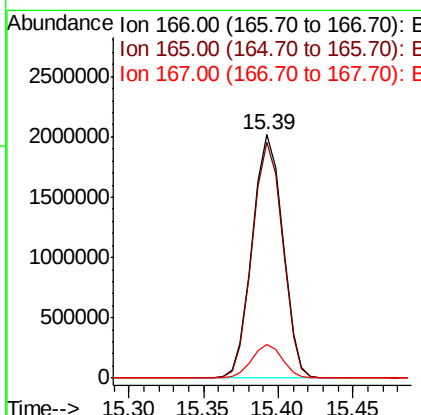
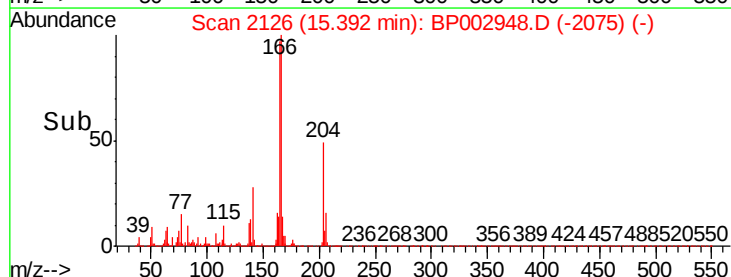
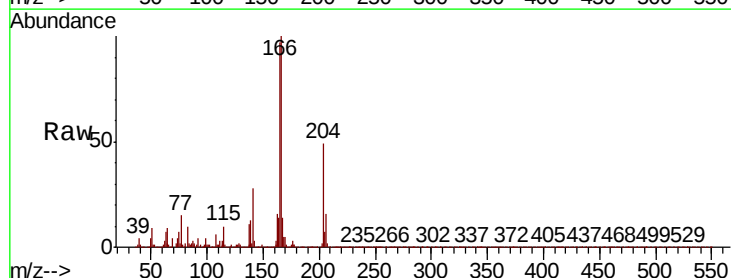
Manual Integrations
APPROVED

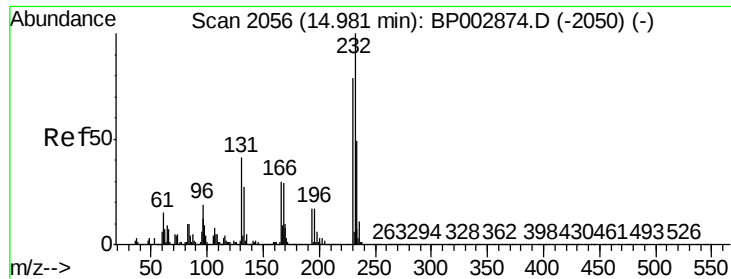
mohammad
8/25/2020 8:39:10 AM



#58
Fluorene
Concen: 35.972 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2849883		
165	97.0	77.0	115.6		
167	13.8	11.0	16.4		





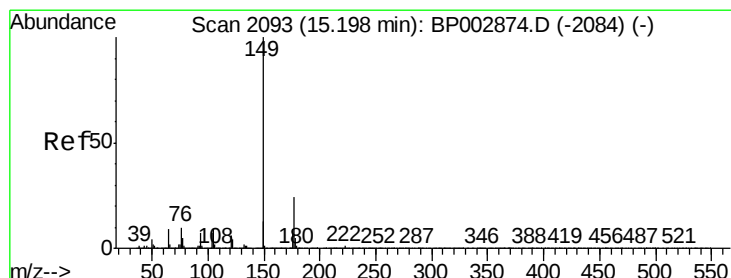
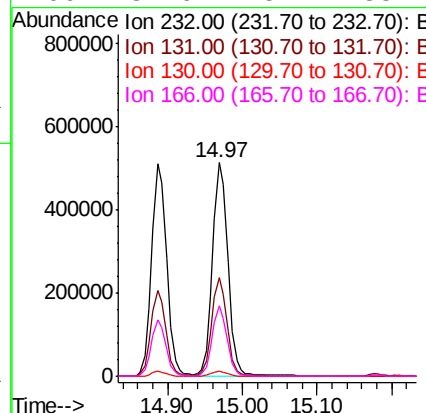
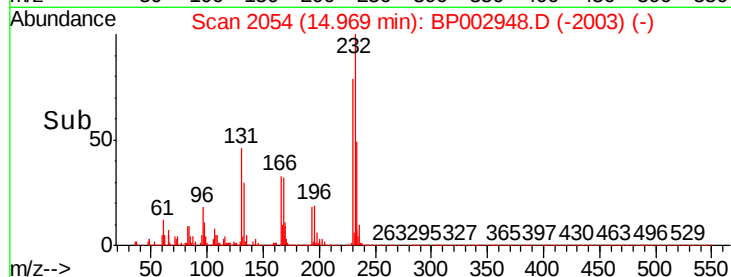
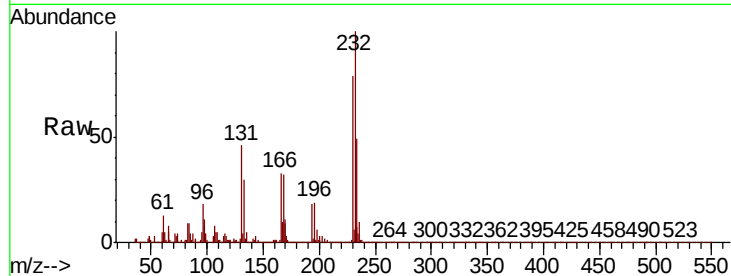
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.344 ng
RT: 14.97 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	739391		
131	45.2	36.6	54.8	
130	2.2	1.8	2.8	
166	31.6	25.4	38.2	

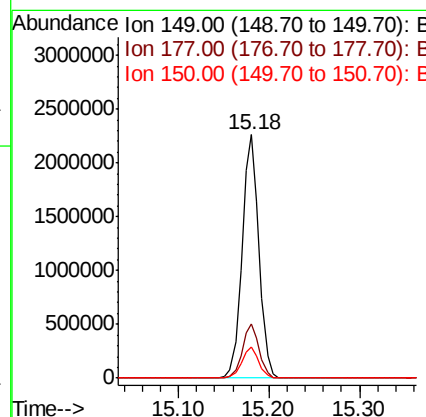
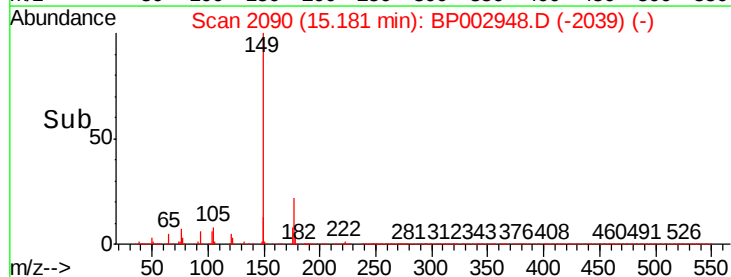
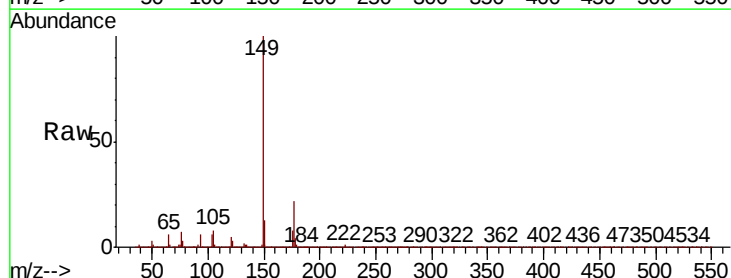
Manual Integrations
APPROVED

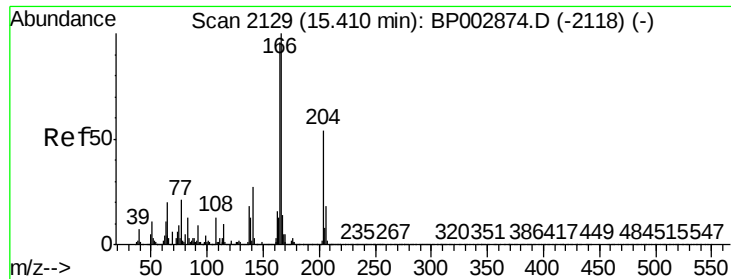
mohammad
8/25/2020 8:39:10 AM



#60
Diethylphthalate
Concen: 37.762 ng
RT: 15.18 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2917725		
177	22.5	18.2	27.4	
150	12.7	10.2	15.4	





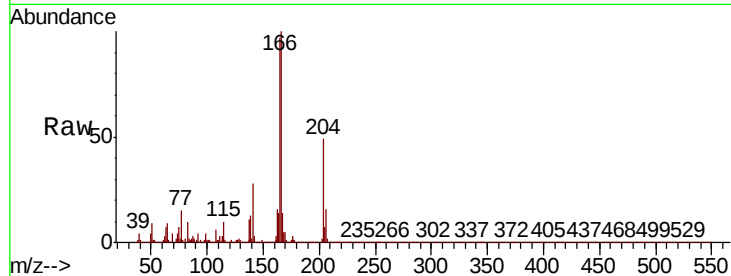
#61
4-Chlorophenyl-phenylether
Concen: 33.715 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	57.3	46.1	69.1

Manual Integrations
APPROVED

mohammad
8/25/2020 8:39:10 AM

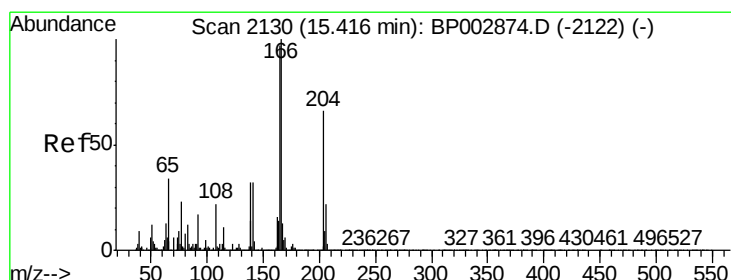
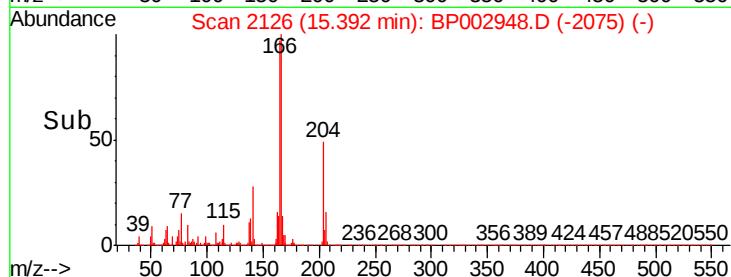
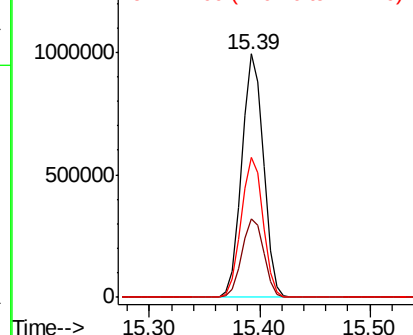


Abundance

Ion 204.00 (203.70 to 204.70): E

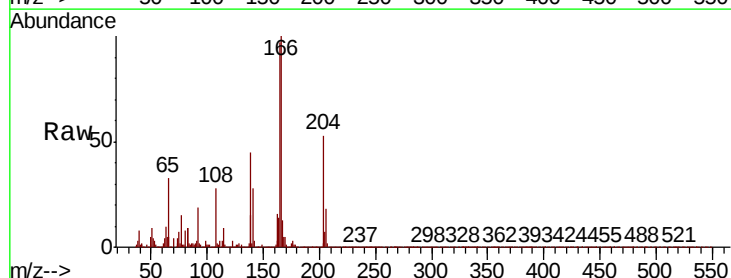
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.208 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.4	21.2	61.2
108	61.6	40.5	80.5

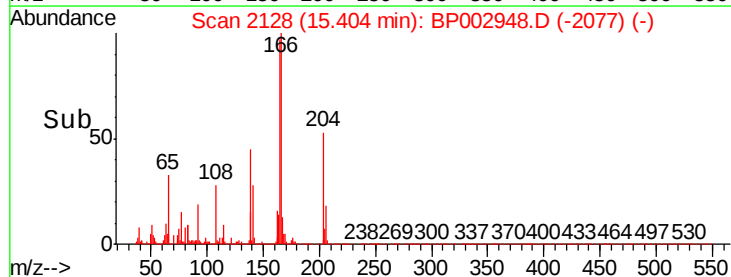
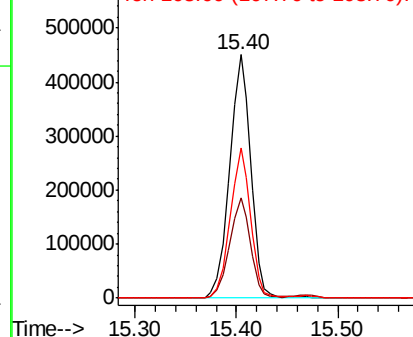


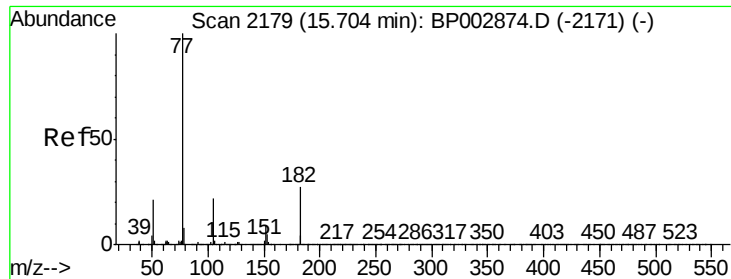
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E





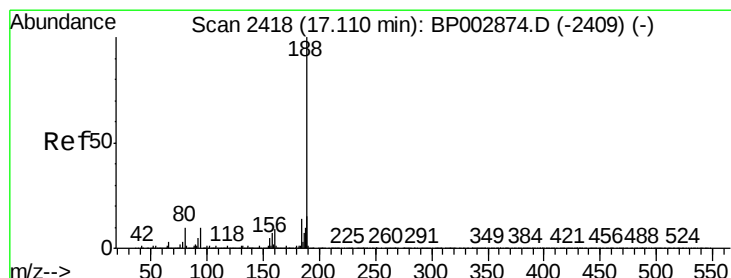
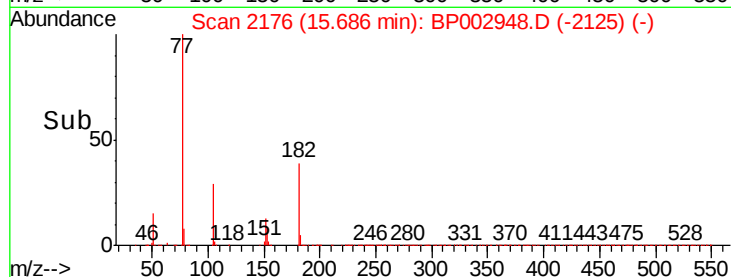
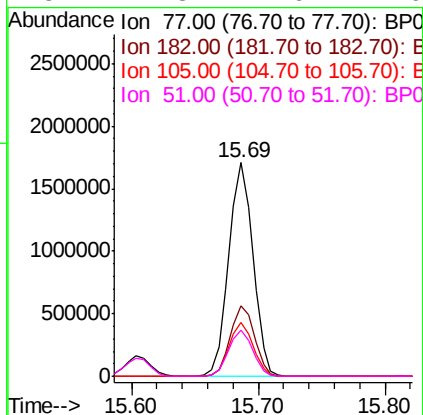
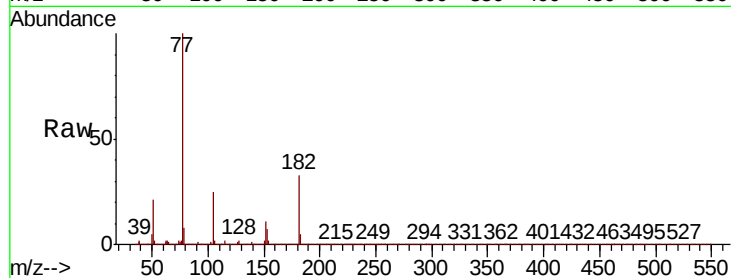
#63
Azobenzene
Concen: 28.854 ng
RT: 15.69 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampled :
PB130914BS

Tot Ion:	77	Resp:	2244449
Ion	Ratio	Lower	Upper
77	100		
182	33.2	13.4	53.4
105	25.0	5.1	45.1
51	21.3	1.6	41.6

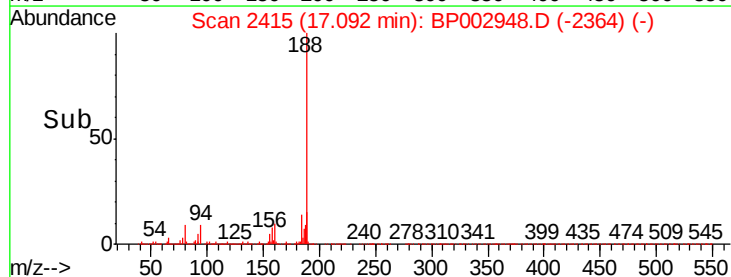
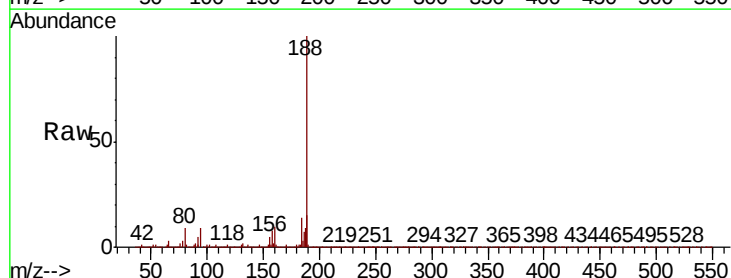
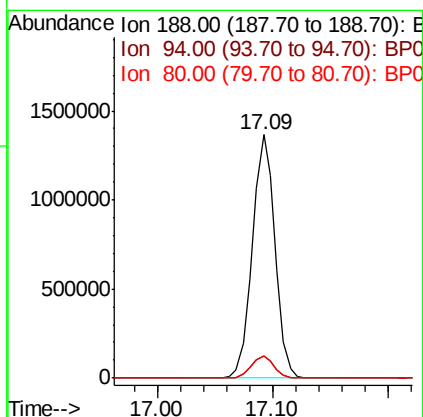
Manual Integrations
APPROVED

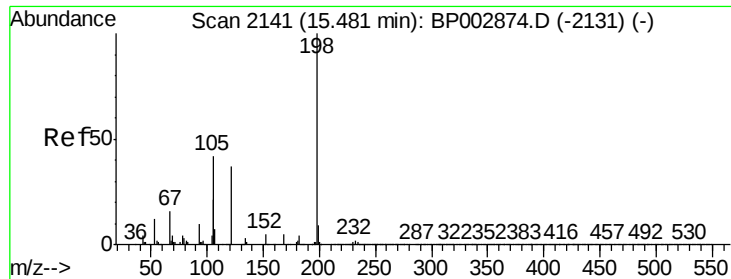
mohammad
8/25/2020 8:39:10 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:	188	Resp:	1852259
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.6
80	8.9	7.0	10.6





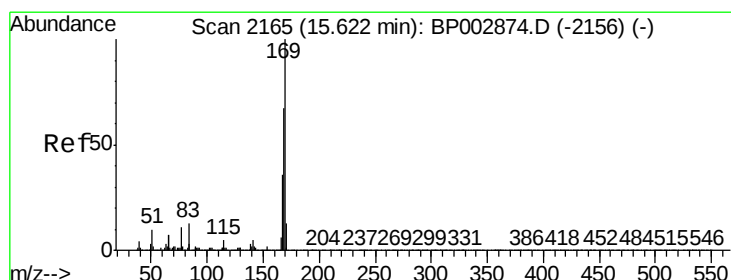
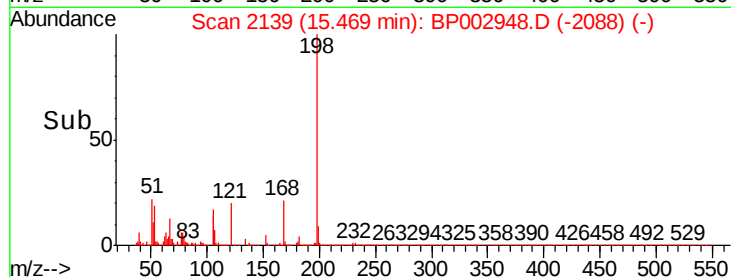
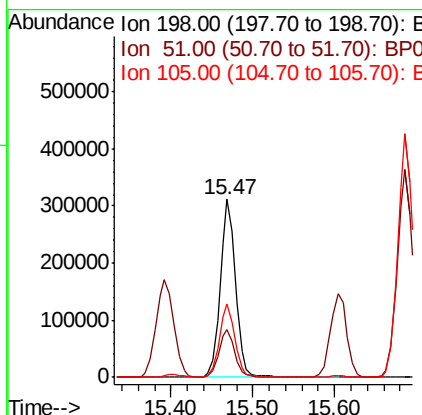
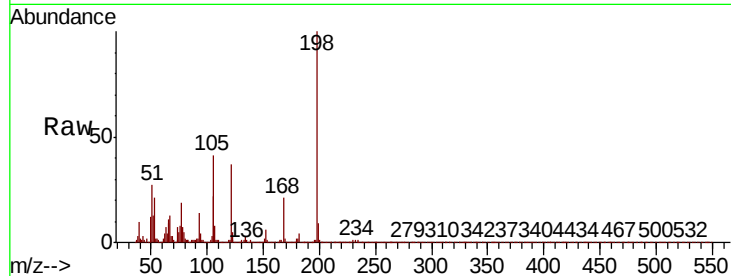
#65
4,6-Dinitro-2-methylphenol
Concen: 43.033 ng
RT: 15.47 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	407266		
51	27.0	6.5	46.5	
105	41.3	20.4	60.4	

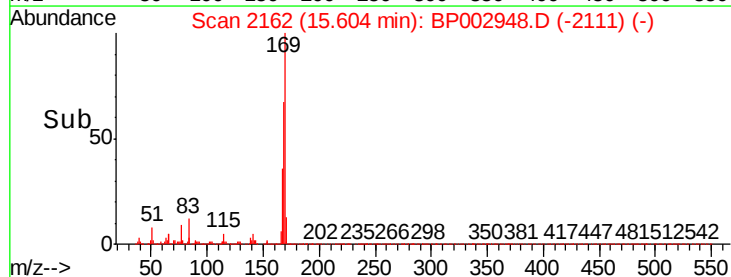
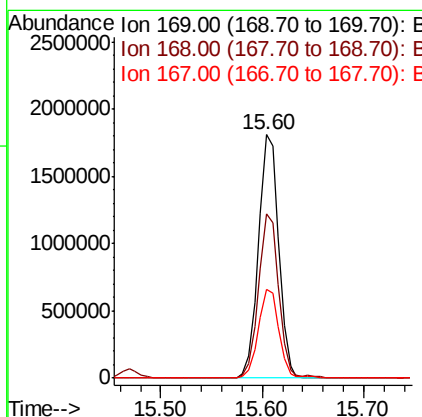
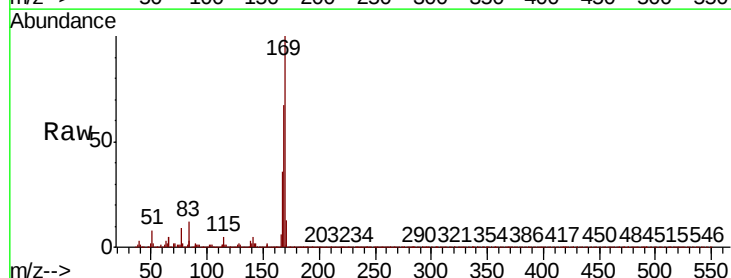
Manual Integrations
APPROVED

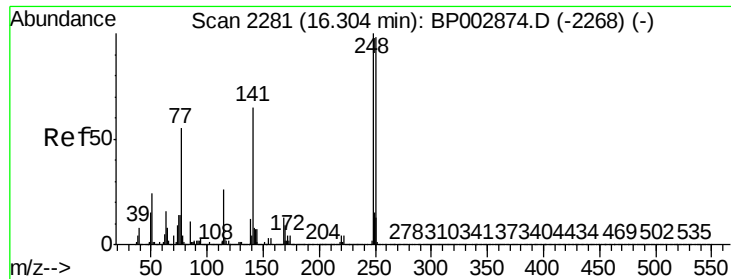
mohammad
8/25/2020 8:39:10 AM



#66
n-Nitrosodiphenylamine
Concen: 40.824 ng
RT: 15.60 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2504318		
168	67.3	53.3	79.9	
167	36.4	29.4	44.0	





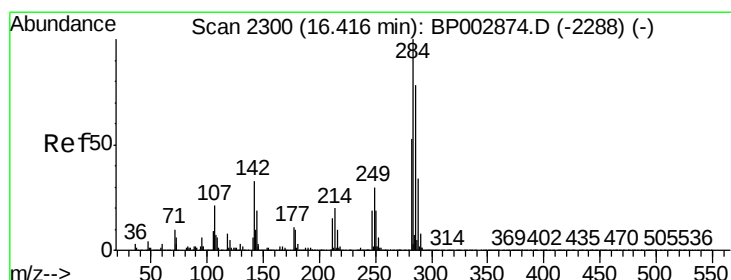
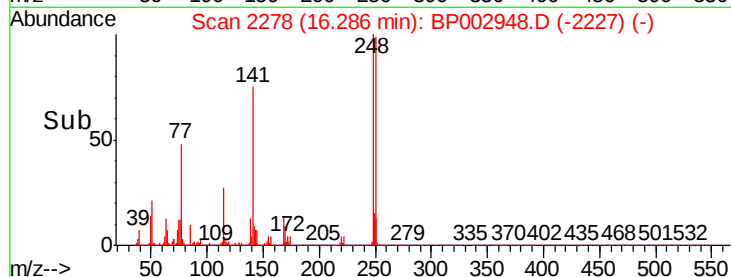
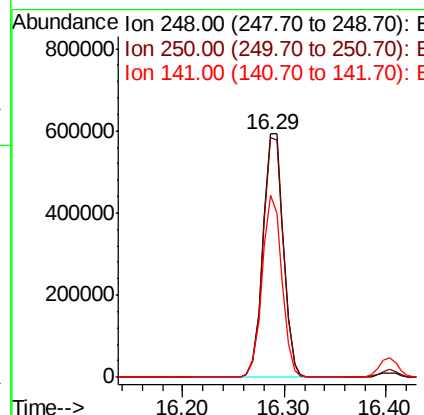
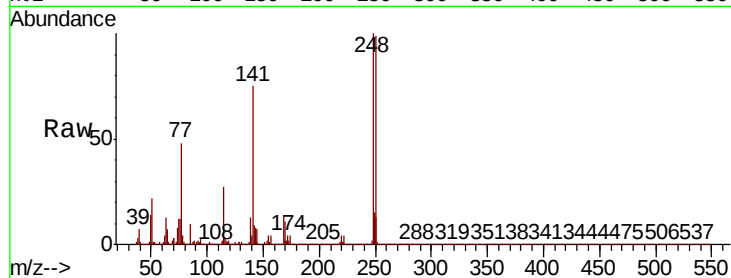
#67
4-Bromophenyl-phenylether
Concen: 36.640 ng
RT: 16.29 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.1	117.1
141	75.0	59.8	89.6

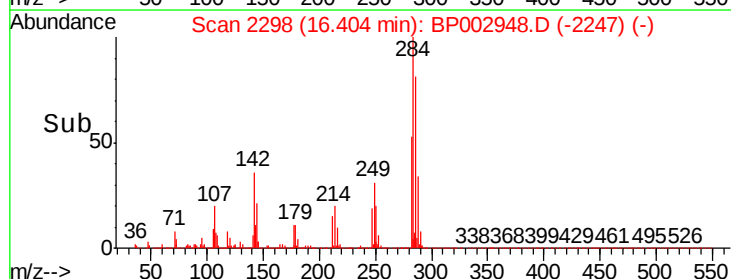
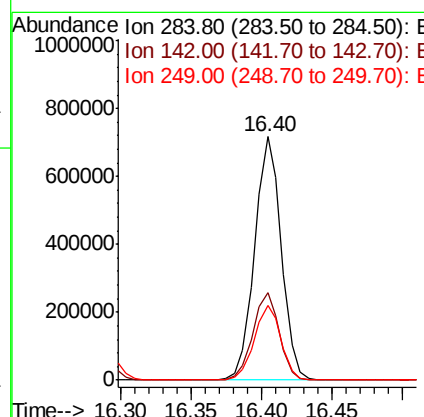
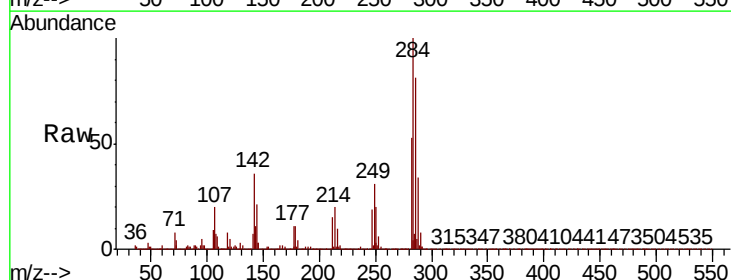
Manual Integrations
APPROVED

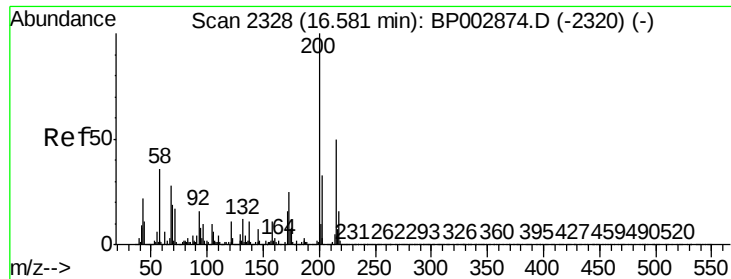
mohammad
8/25/2020 8:39:10 AM



#68
Hexachlorobenzene
Concen: 36.416 ng
RT: 16.40 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	28.3	42.5
249	30.7	25.3	37.9





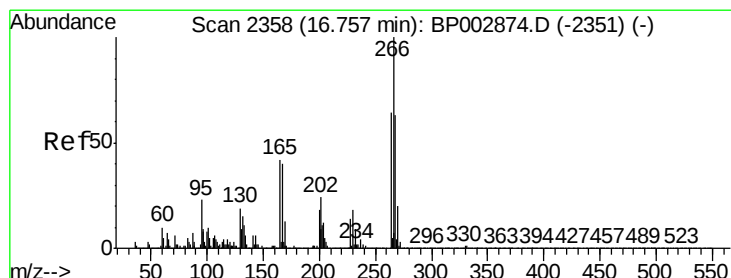
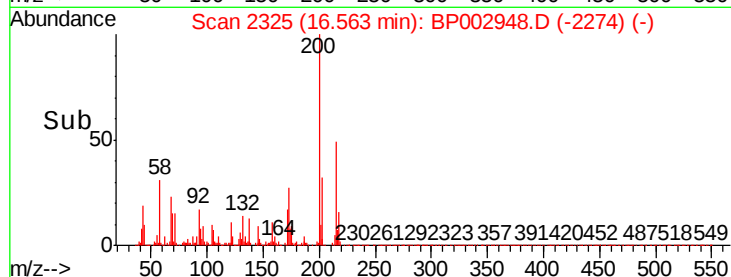
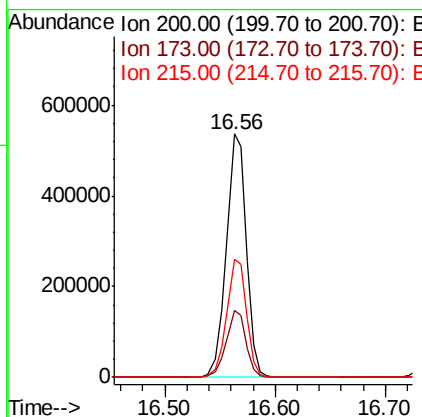
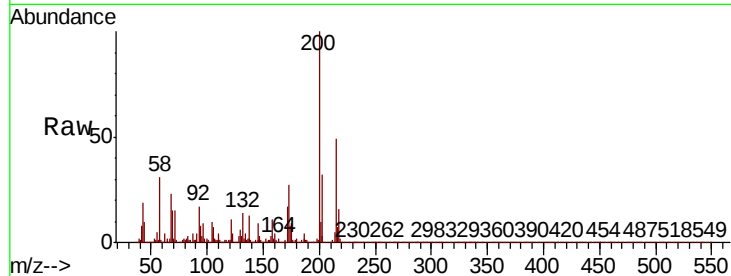
#69
Atrazine
Concen: 32.761 ng
RT: 16.56 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.7	47.7
215	48.6	27.9	67.9

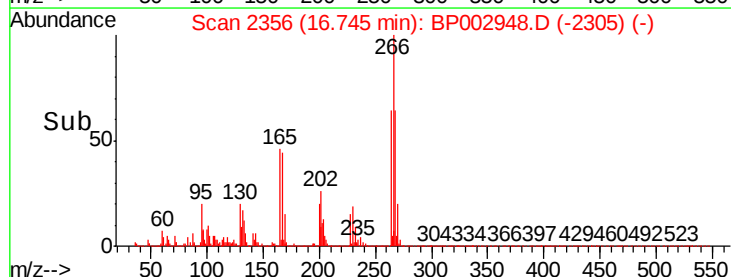
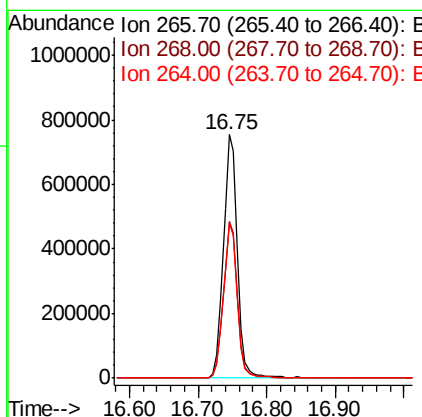
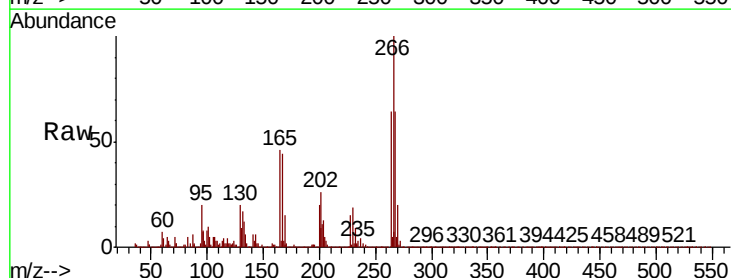
Manual Integrations
APPROVED

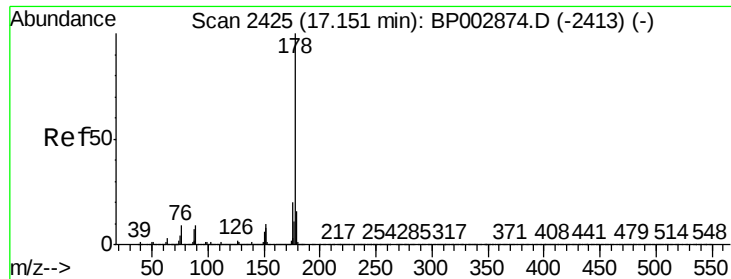
mohammad
8/25/2020 8:39:10 AM



#70
Pentachlorophenol
Concen: 78.992 ng
RT: 16.75 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.3	76.9
264	63.6	51.1	76.7





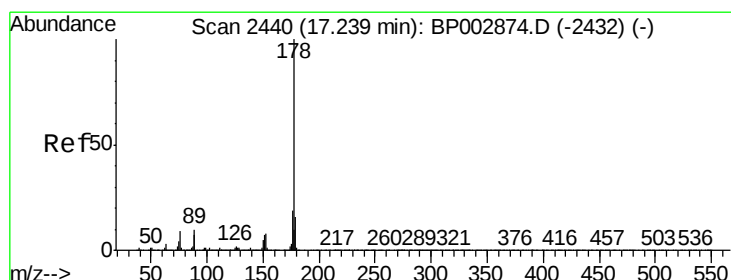
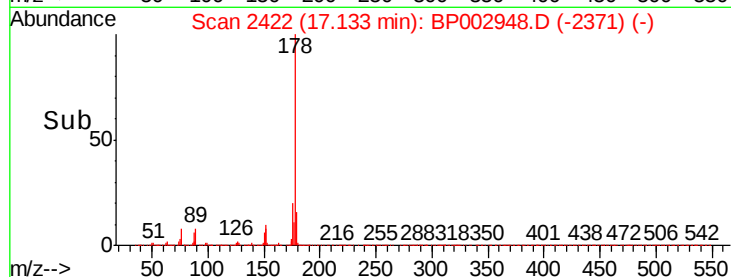
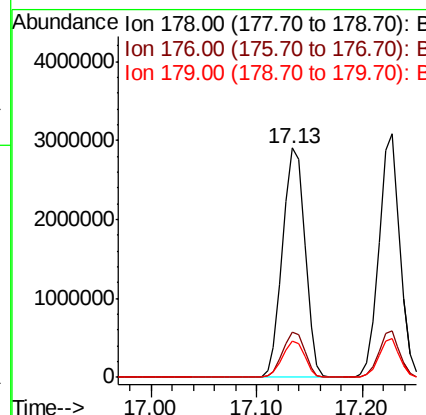
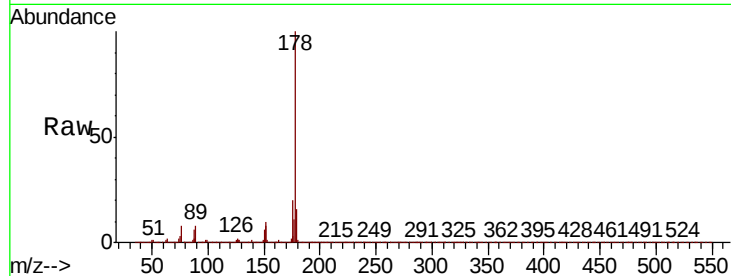
#71
Phenanthrene
Concen: 39.108 ng
RT: 17.13 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion:178 Resp: 4247770
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.9 13.0 19.4

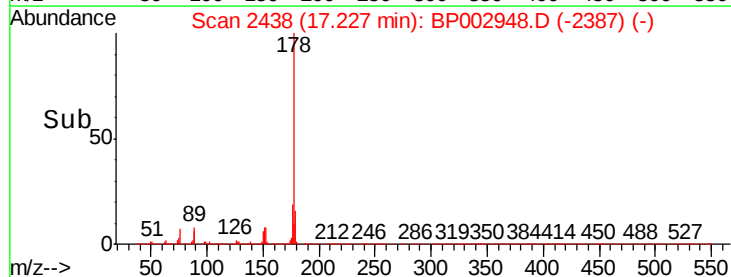
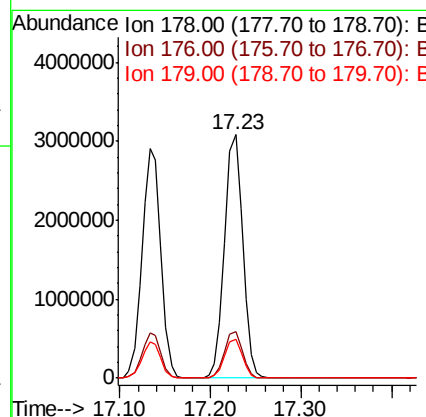
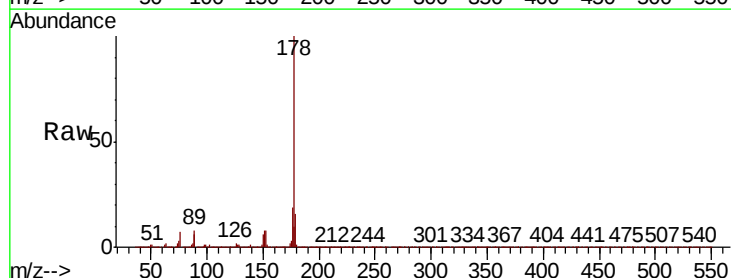
Manual Integrations
APPROVED

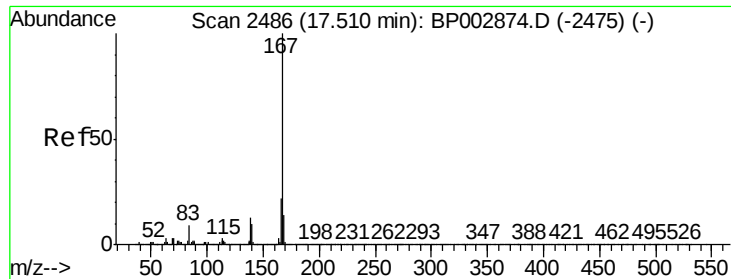
mohammad
8/25/2020 8:39:10 AM



#72
Anthracene
Concen: 40.246 ng
RT: 17.23 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:178 Resp: 4272452
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.8 12.8 19.2





#73

Carbazole

Concen: 37.342 ng

RT: 17.49 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

Tot Ion:167 Resp: 3871301

Ion Ratio Lower Upper

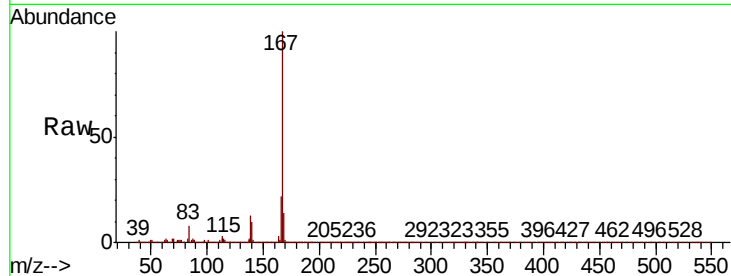
167 100

166 21.7 17.8 26.8

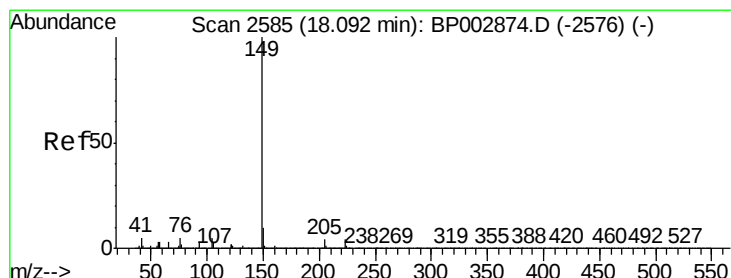
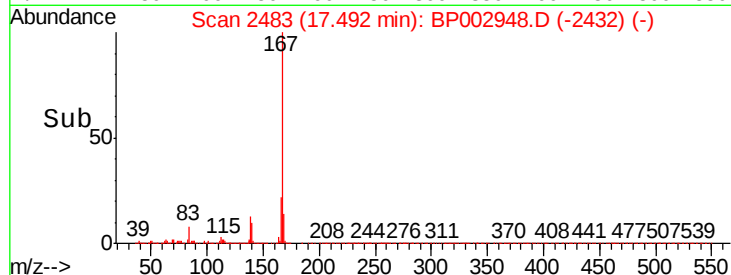
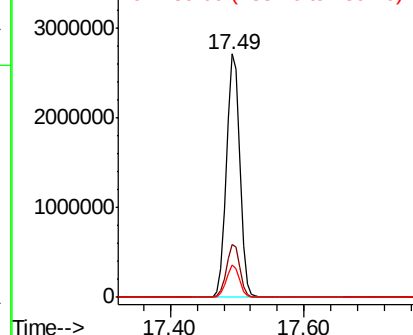
139 13.1 10.5 15.7

Manual Integrations
APPROVED

mohammad
8/25/2020 8:39:10 AM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.616 ng

RT: 18.07 min Scan# 2582

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

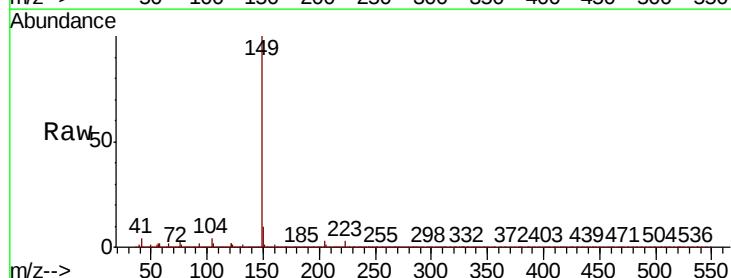
Tgt Ion:149 Resp: 4538494

Ion Ratio Lower Upper

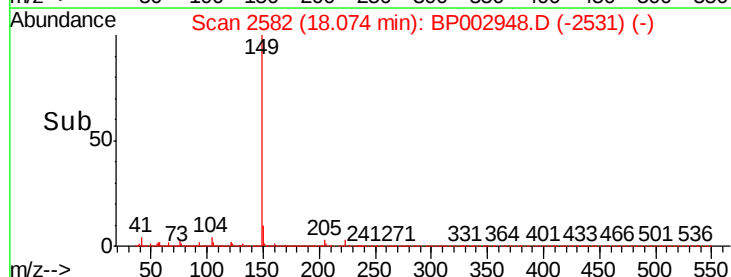
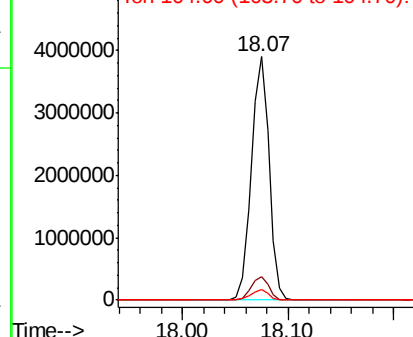
149 100

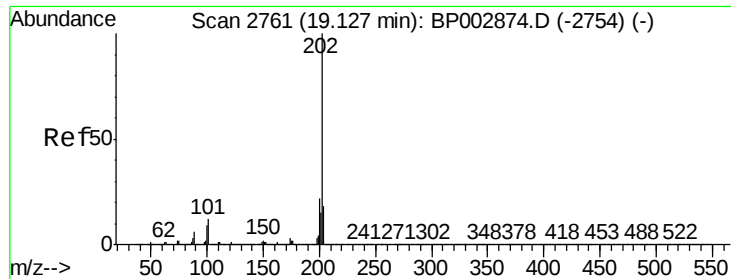
150 9.6 7.8 11.6

104 4.3 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.568 ng

RT: 19.11 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

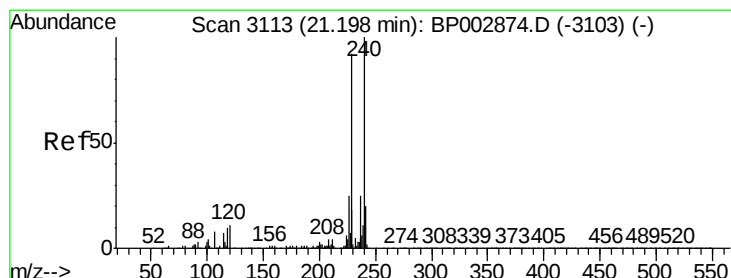
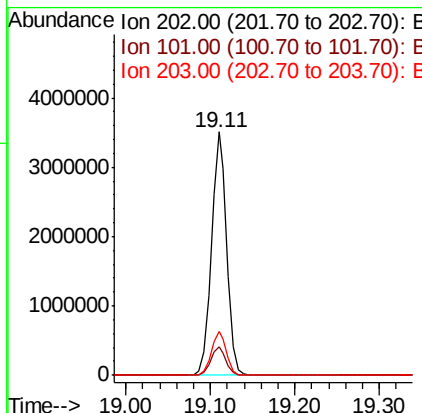
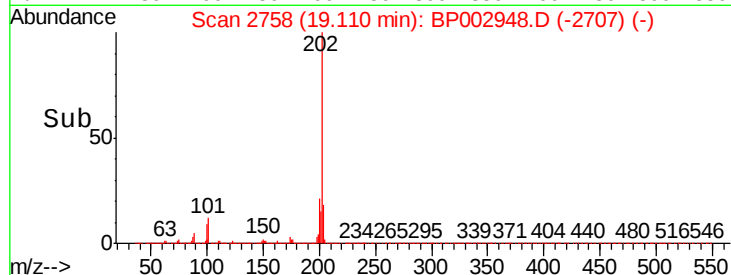
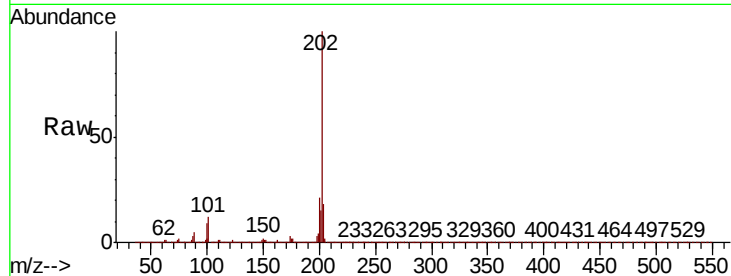
ClientSampleId :

PB130914BS

Tot Ion:	202	Resp:	4451041
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	32.0
203	18.2	0.0	38.5

Manual Integrations
APPROVED

mohammad
8/25/2020 8:39:10 AM



#76

Chrysene-d12

Concen: 20.000 ng

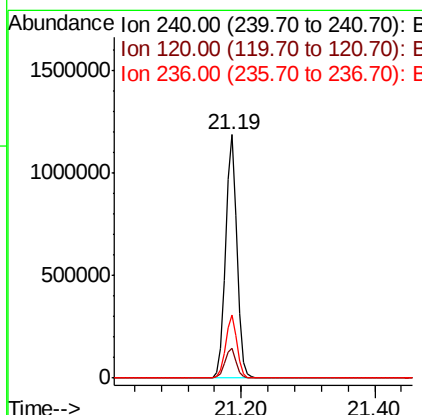
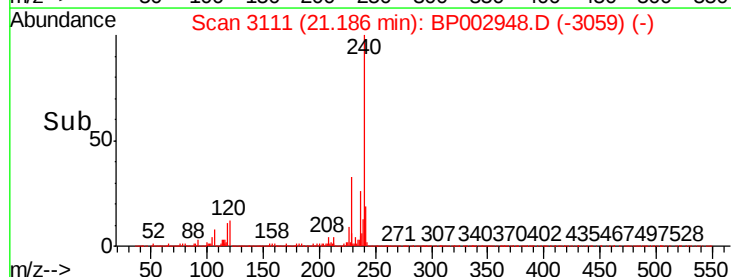
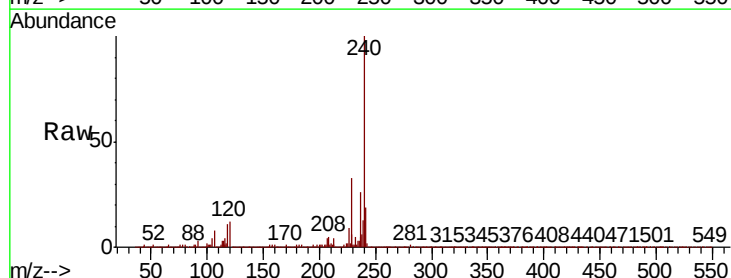
RT: 21.19 min Scan# 3111

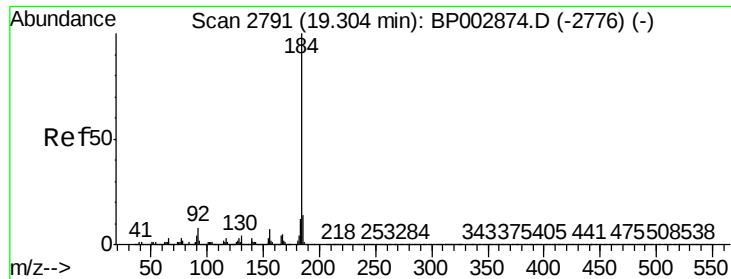
Delta R.T. 0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Tgt Ion:	240	Resp:	1430873
Ion Ratio	Lower	Upper	
240	100		
120	12.0	10.6	16.0
236	26.1	20.7	31.1





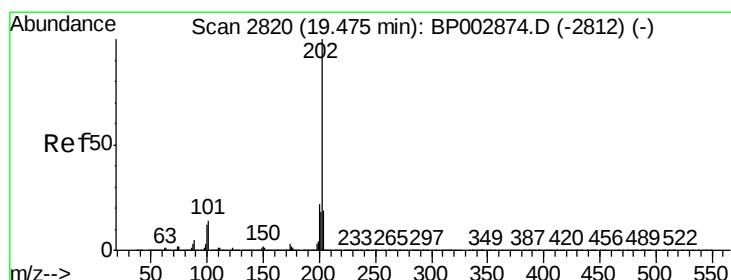
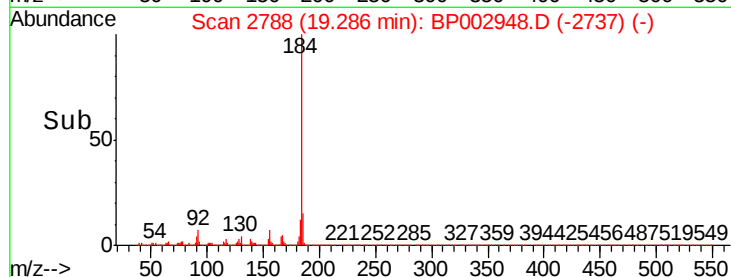
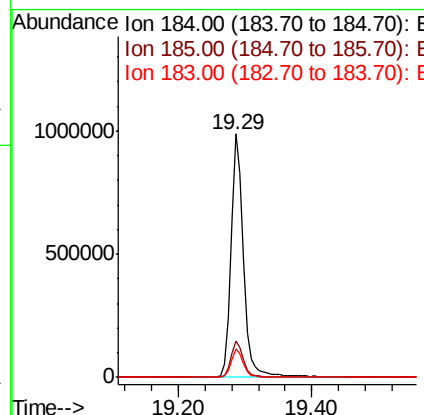
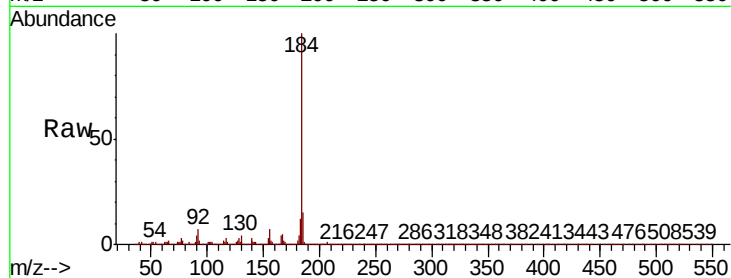
#77
Benzidine
Concen: 30.000 ng
RT: 19.29 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.5	17.3
183	11.6	9.5	14.3

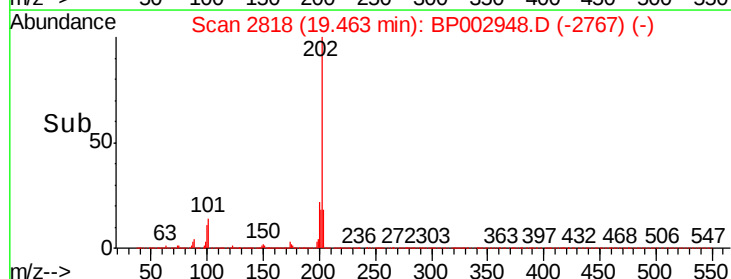
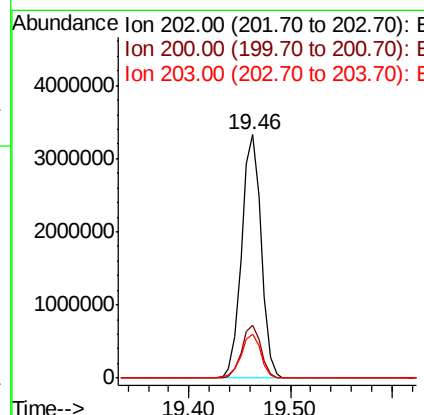
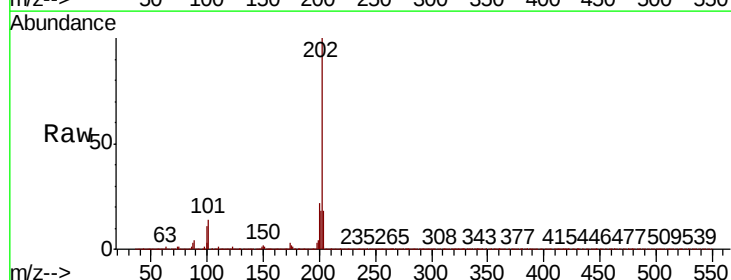
Manual Integrations
APPROVED

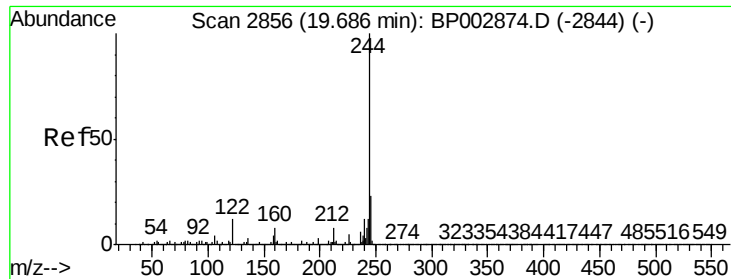
mohammad
8/25/2020 8:39:10 AM



#78
Pyrene
Concen: 44.384 ng
RT: 19.46 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.9	26.9
203	18.2	14.8	22.2





#79

Terphenyl-d14

Concen: 81.575 ng

RT: 19.67 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

Tot Ion:244 Resp: 5830494

Ion Ratio Lower Upper

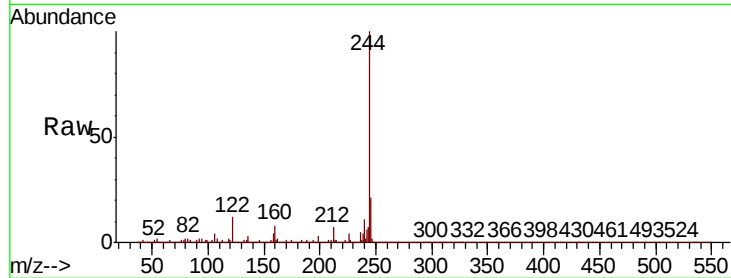
244 100

212 7.5 6.3 9.5

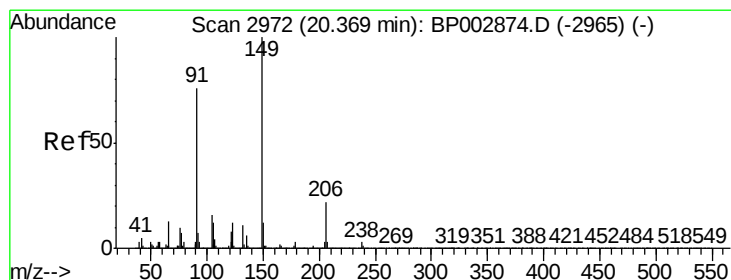
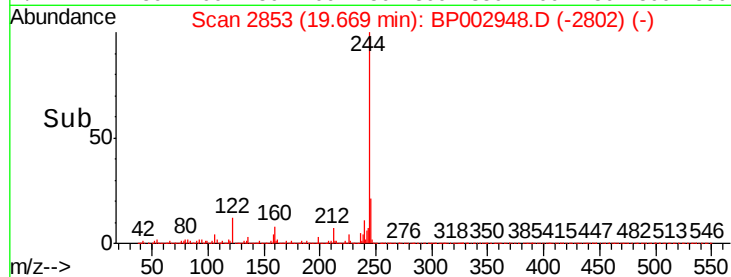
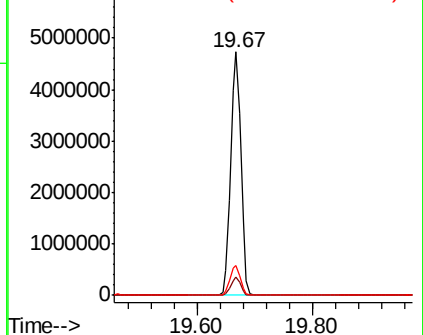
122 12.2 9.9 14.9

Manual Integrations
APPROVED

mohammad
8/25/2020 8:39:10 AM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.820 ng

RT: 20.35 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

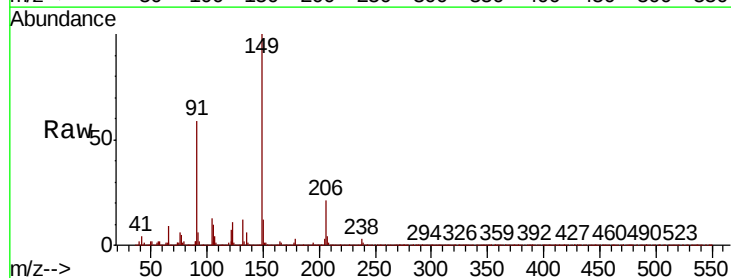
Tgt Ion:149 Resp: 1768965

Ion Ratio Lower Upper

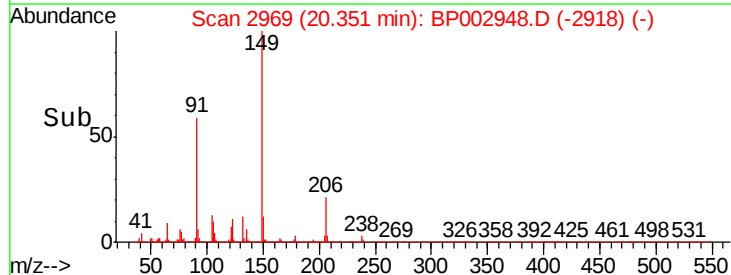
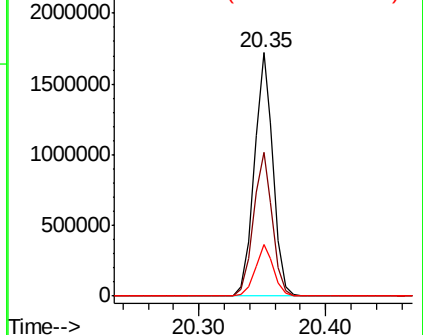
149 100

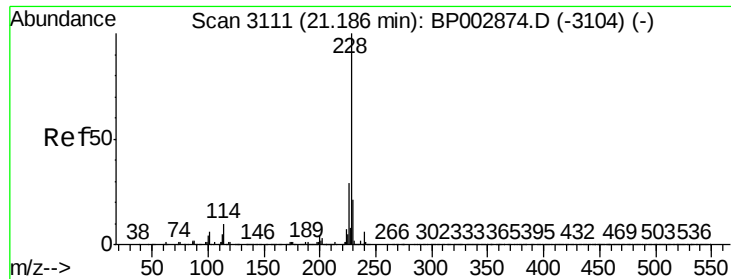
91 59.2 46.5 69.7

206 21.0 17.2 25.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BP0
Ion 206.00 (205.70 to 206.70): E





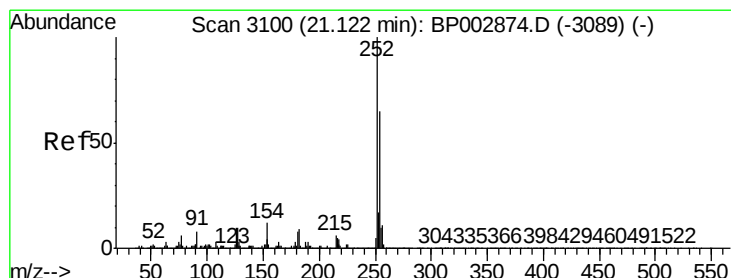
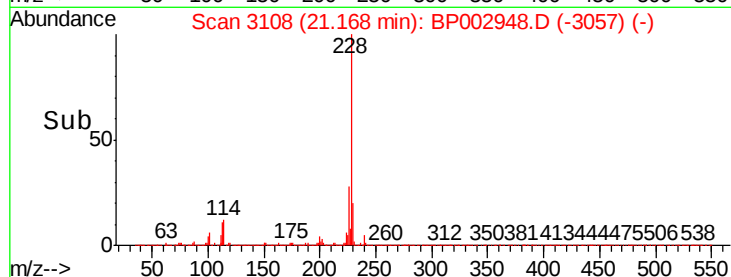
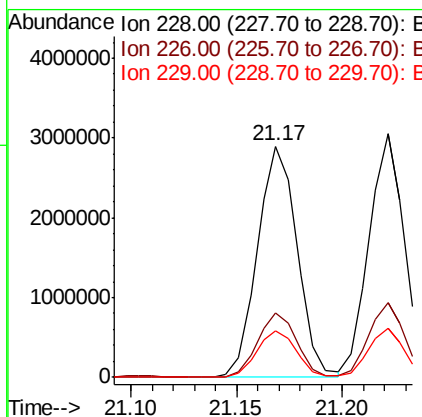
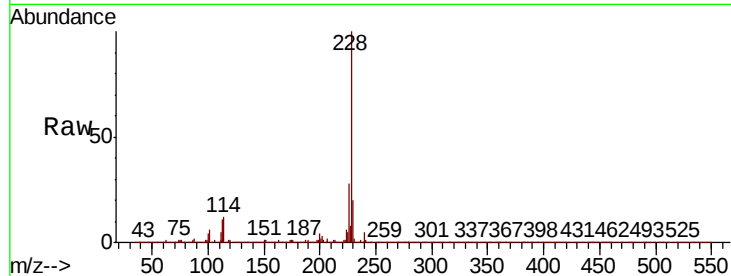
#81
Benzo(a)anthracene
Concen: 38.866 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion:228 Resp: 3788072
Ion Ratio Lower Upper
228 100
226 27.7 22.9 34.3
229 20.1 16.6 25.0

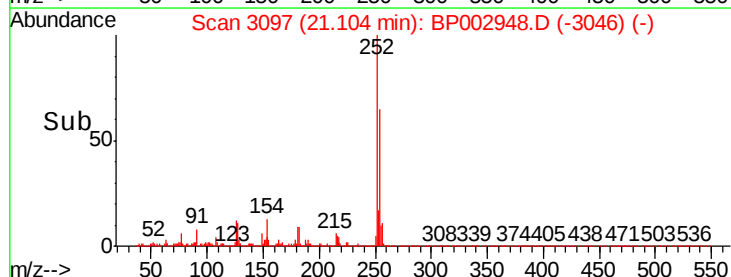
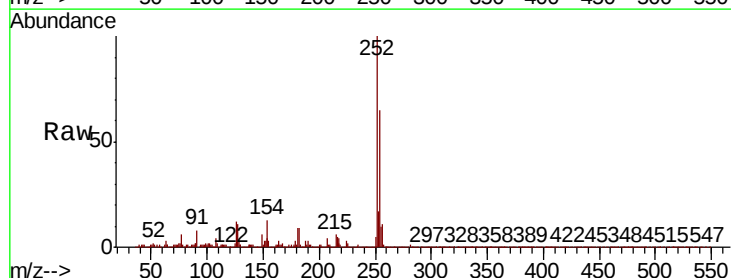
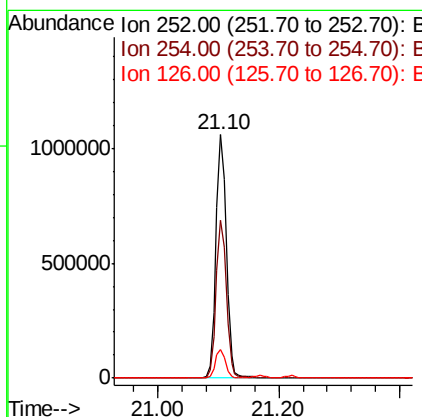
Manual Integrations
APPROVED

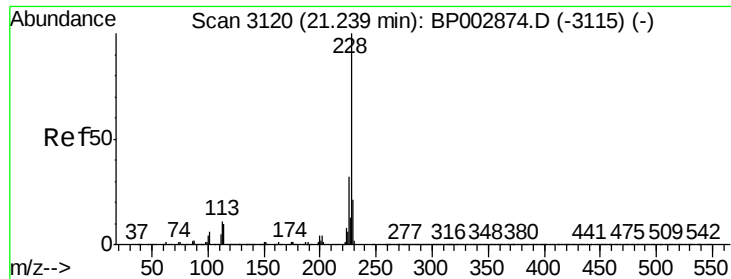
mohammad
8/25/2020 8:39:10 AM



#82
3,3'-Dichlorobenzidine
Concen: 32.754 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion:252 Resp: 1263555
Ion Ratio Lower Upper
252 100
254 65.1 51.9 77.9
126 11.9 9.3 13.9





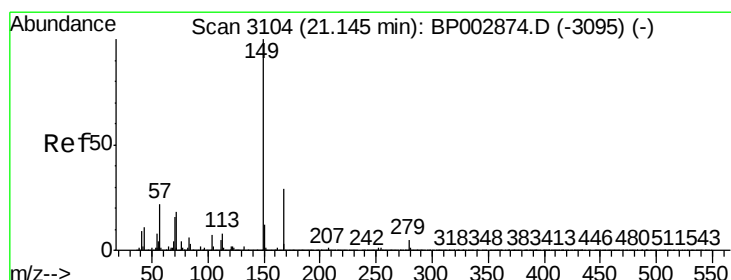
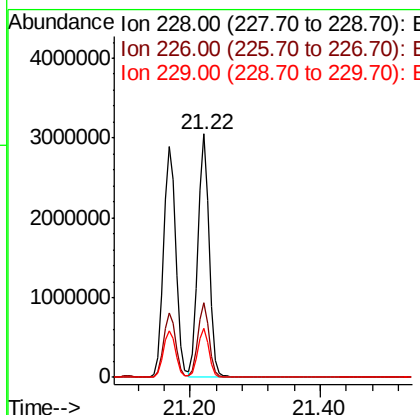
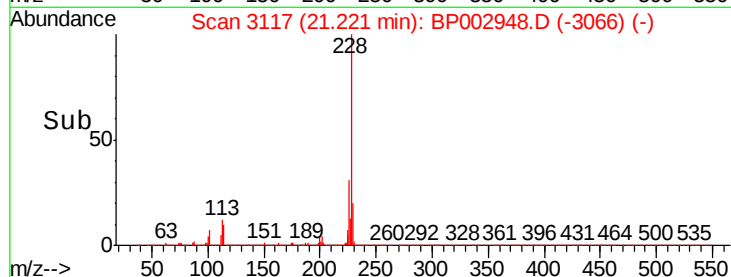
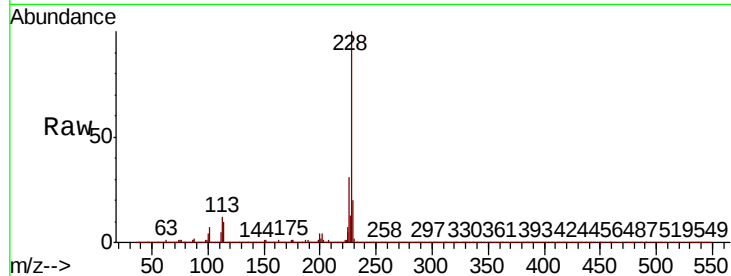
#83
 Chrysene
 Concen: 39.480 ng
 RT: 21.22 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

Instrument :
 BNA_P
 ClientSampleId :
 PB130914BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.4
229	20.2	16.4	24.6

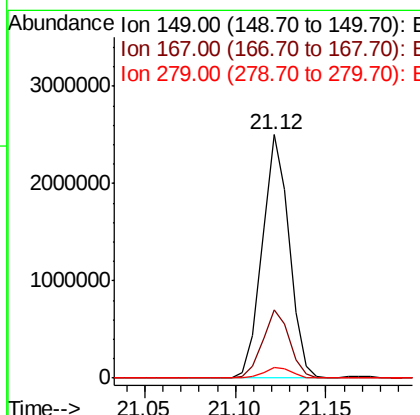
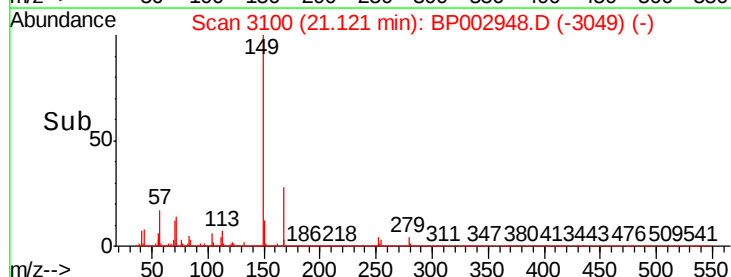
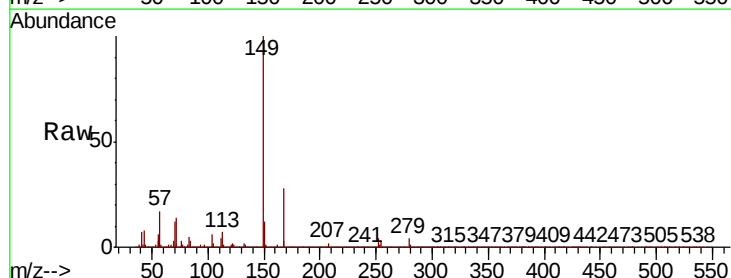
Manual Integrations
 APPROVED

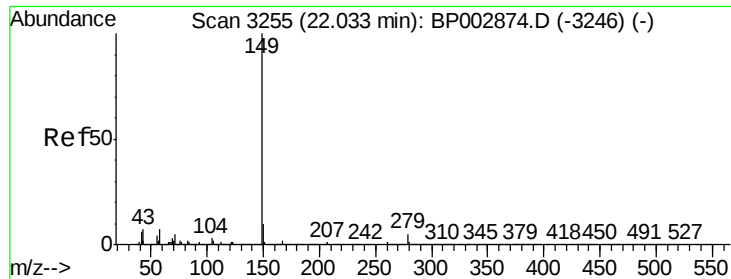
mohammad
 8/25/2020 8:39:10 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.728 ng
 RT: 21.12 min Scan# 3100
 Delta R.T. -0.00 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.0	34.6
279	4.2	3.8	5.6





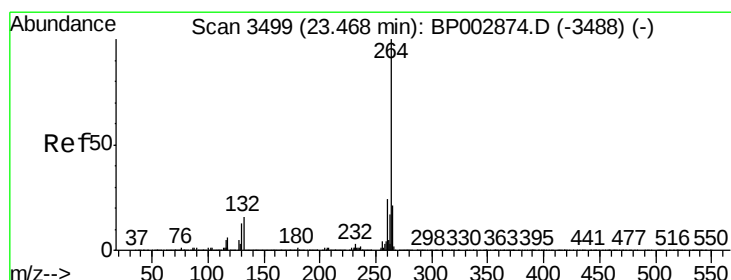
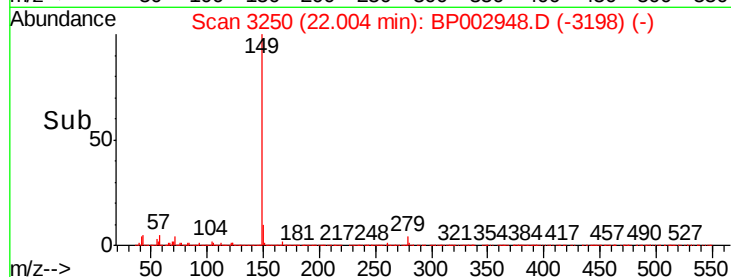
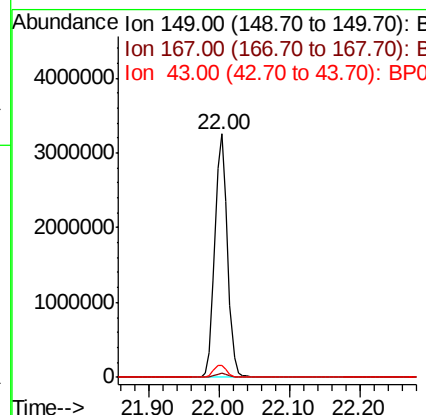
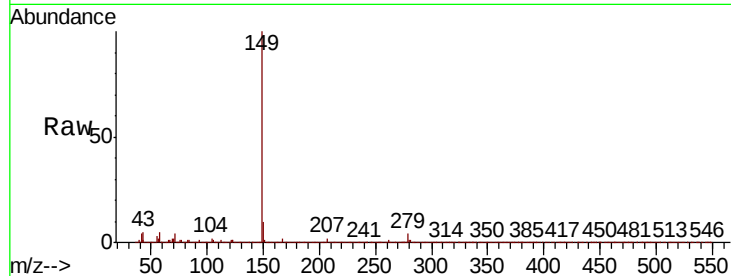
#85
Di-n-octyl phthalate
Concen: 44.403 ng
RT: 22.00 min Scan# 3250
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	5.4	4.4	6.6

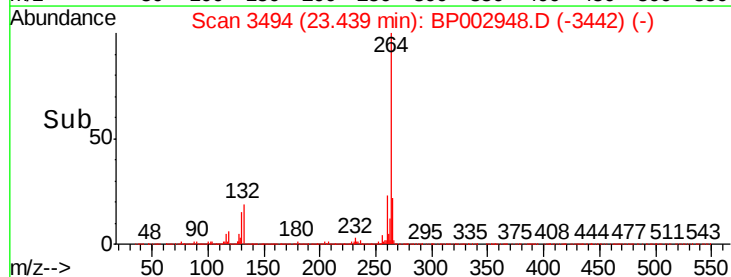
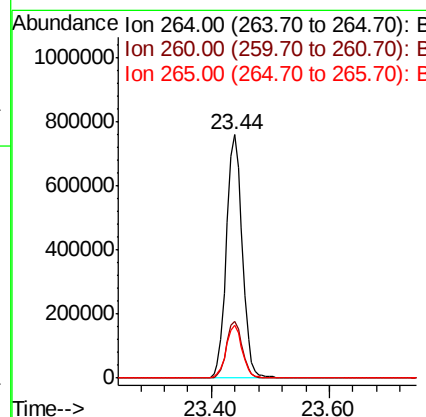
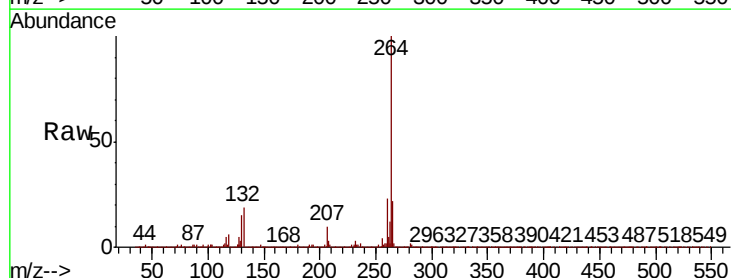
Manual Integrations
APPROVED

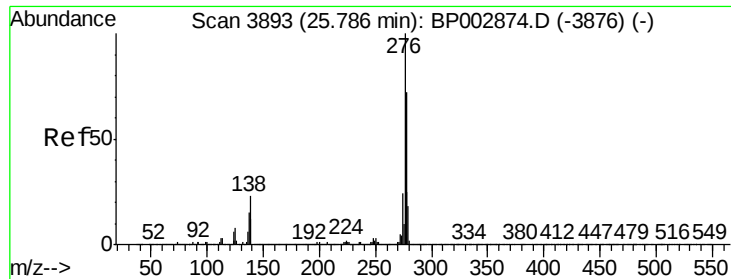
mohammad
8/25/2020 8:39:10 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.44 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.7	17.6	26.4





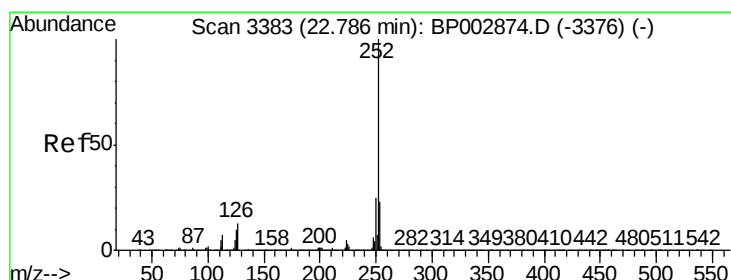
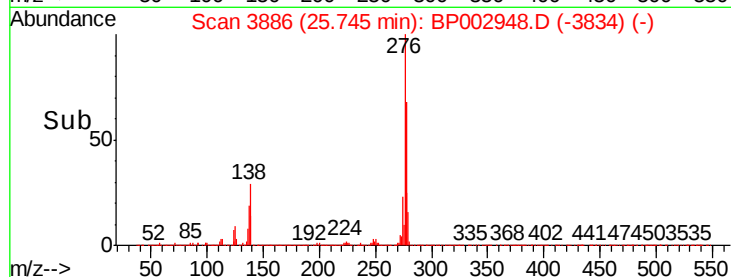
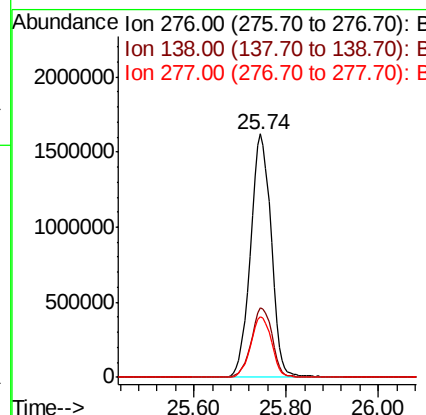
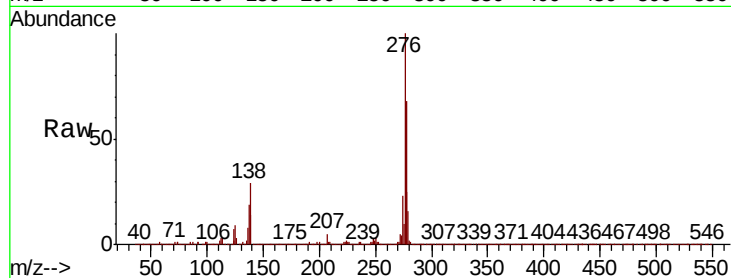
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.572 ng
 RT: 25.74 min Scan# 3886
 Delta R.T. 0.01 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

Instrument :
 BNA_P
 ClientSampleId :
 PB130914BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.4	35.0
277	25.5	20.3	30.5

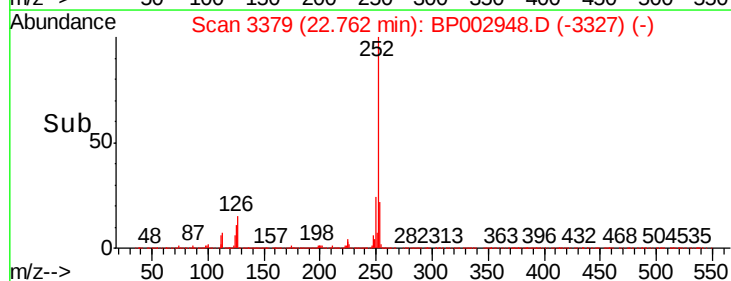
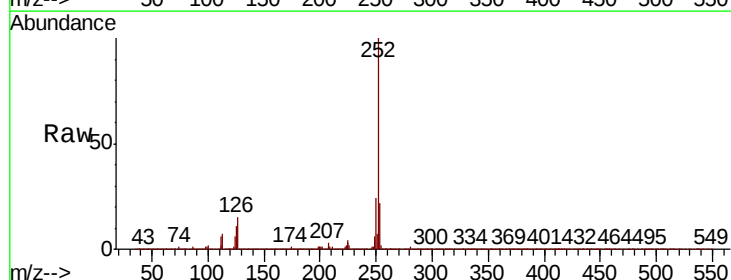
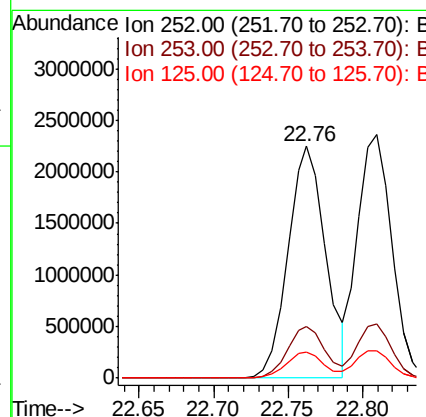
Manual Integrations
 APPROVED

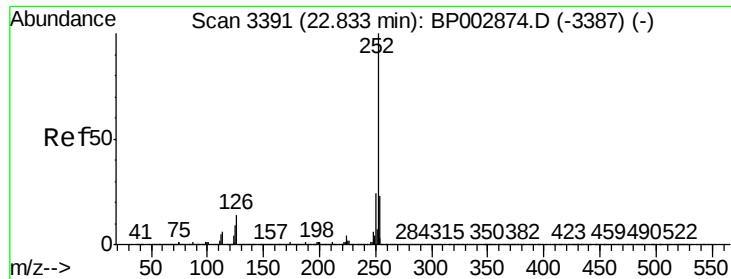
mohammad
 8/25/2020 8:39:10 AM



#88
 Benzo(b)fluoranthene
 Concen: 39.478 ng
 RT: 22.76 min Scan# 3379
 Delta R.T. 0.01 min
 Lab File: BP002948.D
 Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	11.4	9.3	13.9





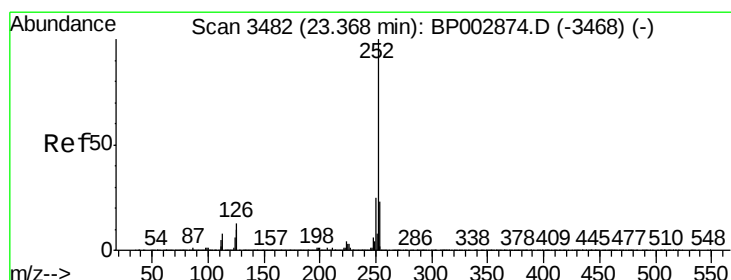
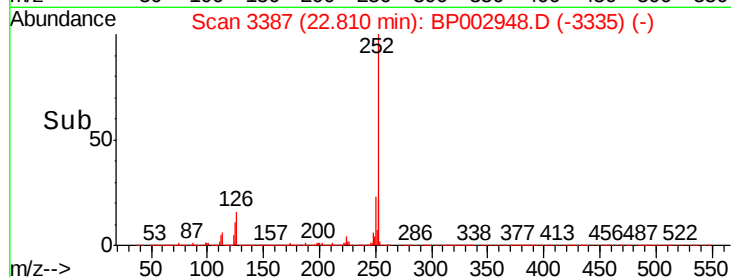
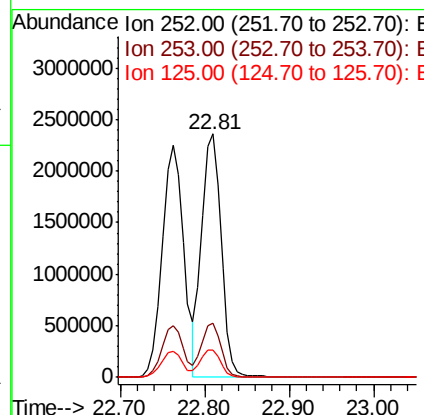
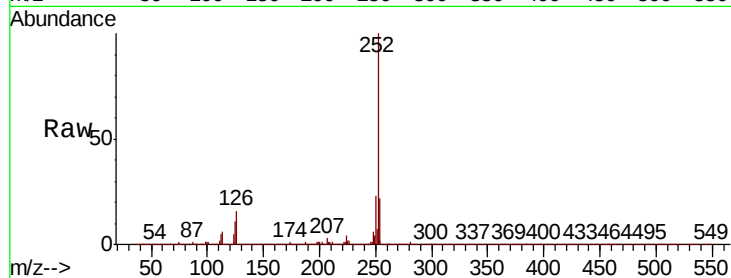
#89
Benzo(k)fluoranthene
Concen: 40.053 ng
RT: 22.81 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Instrument :
BNA_P
ClientSampleId :
PB130914BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.2	9.5	14.3

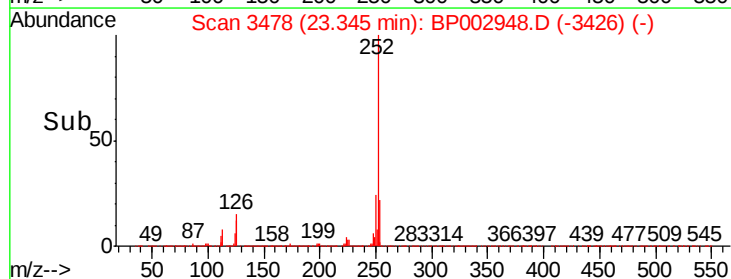
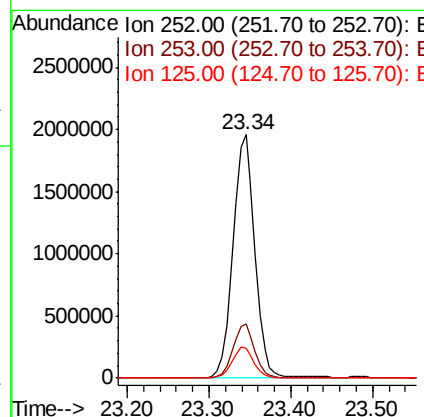
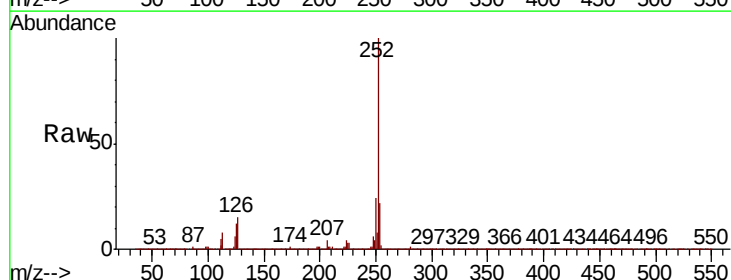
Manual Integrations
APPROVED

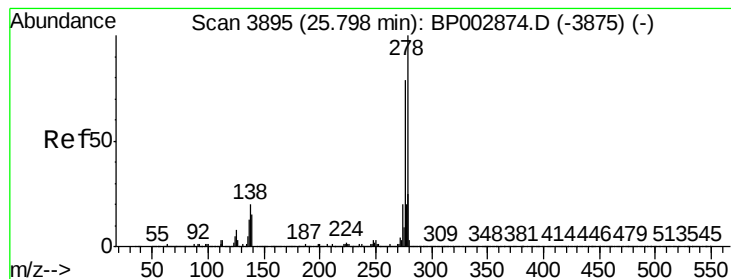
mohammad
8/25/2020 8:39:10 AM



#90
Benzo(a)pyrene
Concen: 40.105 ng
RT: 23.34 min Scan# 3478
Delta R.T. 0.01 min
Lab File: BP002948.D
Acq: 12 Aug 2020 14:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	12.0	10.2	15.2





#91

Dibenzo(a,h)anthracene

Concen: 43.730 ng

RT: 25.76 min Scan# 3889

Delta R.T. 0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

Instrument :

BNA_P

ClientSampleId :

PB130914BS

Tot Ion:278 Resp: 4228982

Ion Ratio Lower Upper

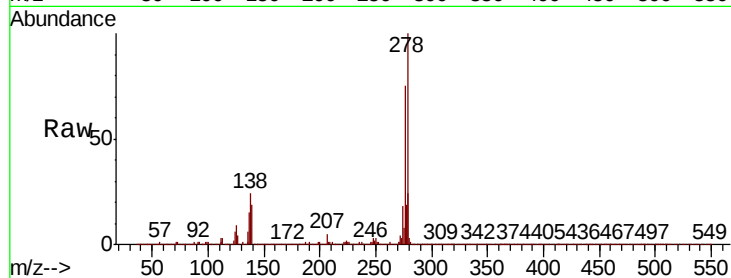
278 100

139 18.9 15.3 22.9

279 24.0 19.1 28.7

Manual Integrations
APPROVED

mohammad
8/25/2020 8:39:10 AM

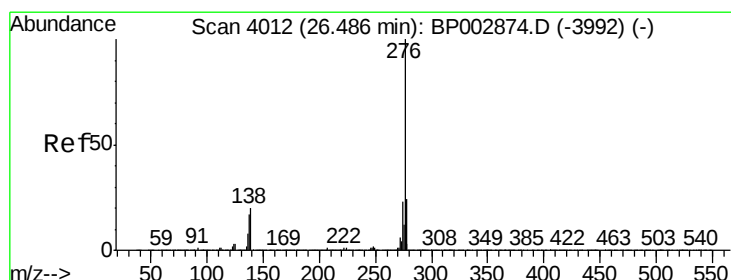
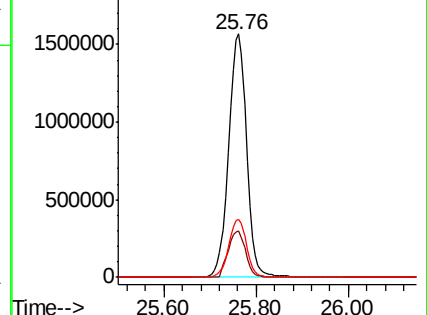
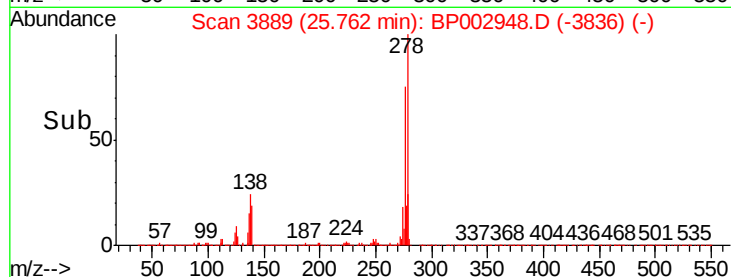


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.319 ng

RT: 26.44 min Scan# 4005

Delta R.T. 0.01 min

Lab File: BP002948.D

Acq: 12 Aug 2020 14:19

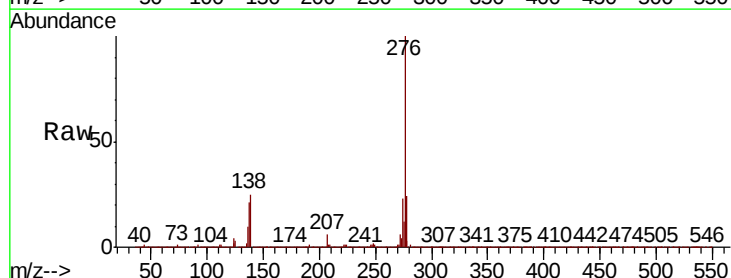
Tgt Ion:276 Resp: 4238055

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 24.8 19.9 29.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

