

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003154.D
 Acq On : 28 Aug 2020 17:07
 Operator : CG/JU
 Sample : L3498-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620MSD

Manual Integrations
 APPROVED

mohammad
 8/31/2020 10:28:08 AM

Quant Time: Aug 28 18:18:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	234729	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	923452	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	568963	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1243109	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1298666	20.00	ng	0.00
86) Perylene-d12	23.38	264	1086500	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1636647	123.28	ng	0.00
7) Phenol-d6	6.85	99	1892201	113.69	ng	0.00
23) Nitrobenzene-d5	8.81	82	1135957	88.68	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1014935	131.89	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3193789	82.20	ng	0.00
79) Terphenyl-d14	19.63	244	4680221	79.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	170443	33.581	ng	# 57
4) n-Nitrosodimethylamine	3.52	42	152014	43.580	ng	87
8) 2-Chlorophenol	7.23	128	698468	47.191	ng	99
9) Benzaldehyde	6.80	77	222124	28.627	ng	99
10) Phenol	6.88	94	703119	45.588	ng	95
11) bis(2-Chloroethyl)ether	7.09	93	524500	42.966	ng	99
12) 1,3-Dichlorobenzene	7.56	146	664409	36.919	ng	99
13) 1,4-Dichlorobenzene	7.70	146	683277	37.608	ng	98
14) 1,2-Dichlorobenzene	8.01	146	657705	38.184	ng	99
15) Benzyl Alcohol	7.90	79	385652	41.127	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	412049	39.831	ng	99
17) 2-Methylphenol	8.11	107	526110	47.883	ng	99
18) Hexachloroethane	8.73	117	215748	36.298	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	343773	45.719	ng	99
20) 3+4-Methylphenols	8.44	107	706681	47.735	ng	99
22) Acetophenone	8.48	105	882717	42.923	ng	100
24) Nitrobenzene	8.85	77	547371	43.506	ng	99
25) Isophorone	9.38	82	1057235	46.778	ng	99
26) 2-Nitrophenol	9.56	139	372632	49.691	ng	96
27) 2,4-Dimethylphenol	9.63	122	613688	54.438	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	662411	39.350	ng	99
29) 2,4-Dichlorophenol	10.10	162	668373	47.789	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	644630	38.710	ng	99
31) Naphthalene	10.49	128	1937769	40.843	ng	100
32) Benzoic acid	9.80	122	419368	48.072	ng	96
34) Hexachlorobutadiene	10.79	225	368917	36.913	ng	99
35) Caprolactam	11.37	113	172390m	41.017	ng	
36) 4-Chloro-3-methylphenol	11.75	107	637238	48.798	ng	99
37) 2-Methylnaphthalene	12.11	142	1451314	42.762	ng	100
38) 1-Methylnaphthalene	12.33	142	1374056	42.595	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	723547	42.906	ng	99
41) Hexachlorocyclopentadiene	12.48	237	870517	109.202	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	529309	47.735	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	584587	49.842	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003154.D
 Acq On : 28 Aug 2020 17:07
 Operator : CG/JU
 Sample : L3498-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620MSD

Manual Integrations
 APPROVED

mohammad
 8/31/2020 10:28:08 AM

Quant Time: Aug 28 18:18:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.13	154	1858460	43.547	nq	99
47) 2-Chloronaphthalene	13.17	162	1426426	40.833	nq	100
48) 2-Nitroaniline	13.37	65	274759	42.007	nq	96
49) Acenaphthylene	14.02	152	2345426	44.401	nq	100
50) Dimethylphthalate	13.77	163	2142710	49.384	nq	100
51) 2,6-Dinitrotoluene	13.88	165	426385	47.284	nq	98
52) Acenaphthene	14.37	154	1380663	42.545	nq	99
53) 3-Nitroaniline	14.20	138	44358	4.342	nq	93
54) 2,4-Dinitrophenol	14.42	184	512186	101.651	nq	99
55) Dibenzofuran	14.70	168	2202224	43.210	nq	99
56) 4-Nitrophenol	14.53	139	783540	106.601	nq	97
57) 2,4-Dinitrotoluene	14.67	165	592587	48.874	nq	97
58) Fluorene	15.36	166	1699106	43.278	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	526091	49.577	nq	99
60) Diethylphthalate	15.14	149	1880118	44.167	nq	100
61) 4-Chlorophenyl-phenylether	15.36	204	862068	42.520	nq	100
62) 4-Nitroaniline	15.37	138	285111	27.148	nq	98
63) Azobenzene	15.65	77	1224747	43.350	nq	96
65) 4,6-Dinitro-2-methylphenol	15.44	198	345062	58.042	nq	98
66) n-Nitrosodiphenylamine	15.57	169	1015033	27.925	nq	99
67) 4-Bromophenyl-phenylether	16.25	248	590851	43.066	nq	99
68) Hexachlorobenzene	16.37	284	699591	42.830	nq	98
69) Atrazine	16.53	200	302132	24.645	nq	100
70) Pentachlorophenol	16.72	266	924806	118.399	nq	98
71) Phenanthrene	17.10	178	2868821	42.590	nq	100
72) Anthracene	17.19	178	2920461	45.302	nq	100
73) Carbazole	17.46	167	1871475	30.248	nq	100
74) Di-n-butylphthalate	18.03	149	3288936	45.220	nq	100
75) Fluoranthene	19.07	202	3486717	44.786	nq	99
78) Pyrene	19.43	202	3561165	42.250	nq	99
80) Butylbenzylphthalate	20.31	149	1576153	45.417	nq	97
81) Benzo(a)anthracene	21.13	228	3550801	43.650	nq	99
83) Chrysene	21.19	228	3351954	43.036	nq	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	2275811	45.409	nq	99
85) Di-n-octyl phthalate	21.95	149	4005775	46.618	nq	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	4346944	53.649	nq	98
88) Benzo(b)fluoranthene	22.71	252	3916005	57.989	nq	99
89) Benzo(k)fluoranthene	22.76	252	3777274	58.544	nq	99
90) Benzo(a)pyrene	23.29	252	3436712	54.857	nq	99
91) Dibenzo(a,h)anthracene	25.67	278	3724923	55.963	nq	98
92) Benzo(g,h,i)perylene	26.36	276	3594368	53.810	nq	98

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

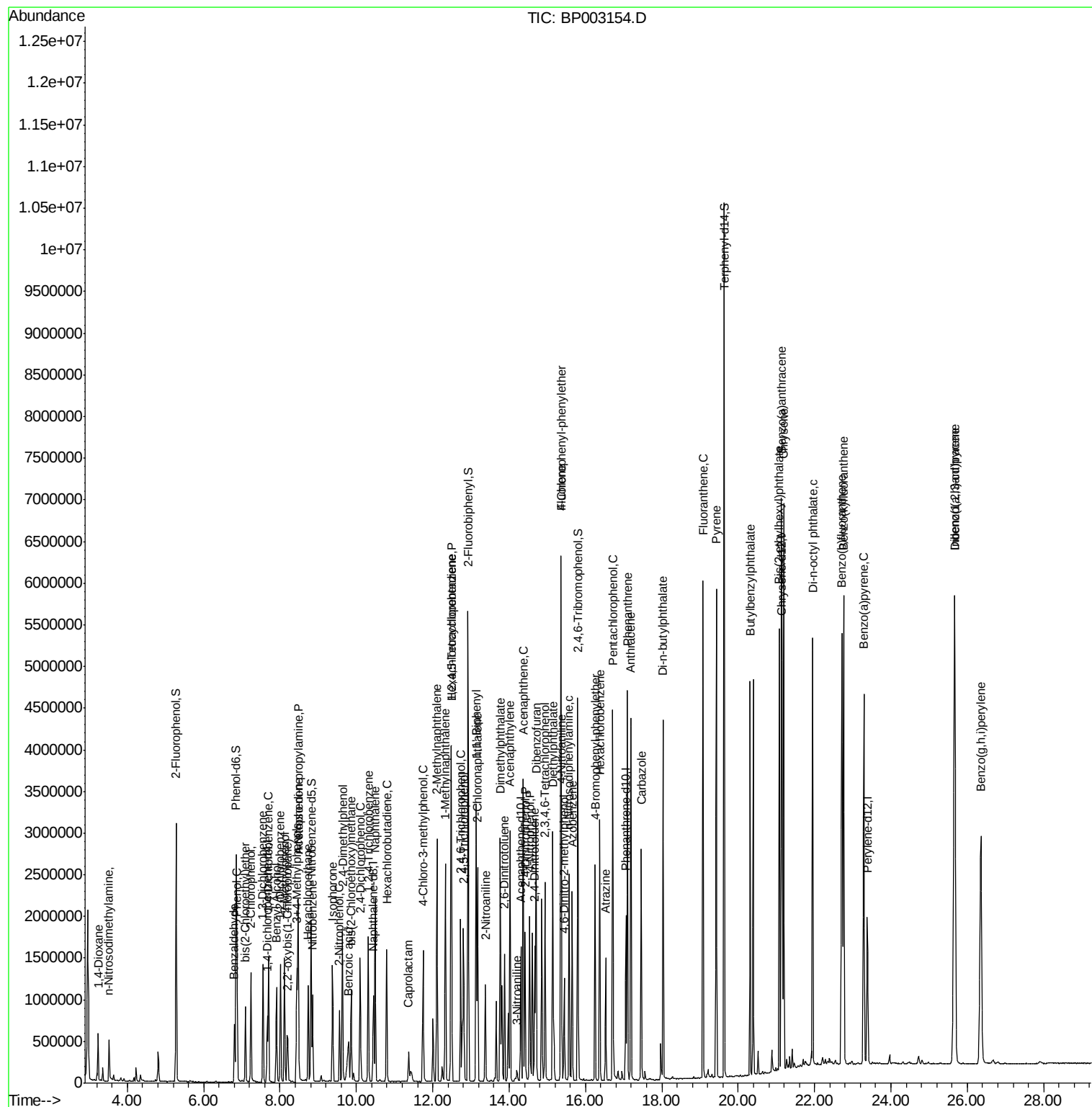
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003154.D
 Acq On : 28 Aug 2020 17:07
 Operator : CG/JU
 Sample : L3498-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

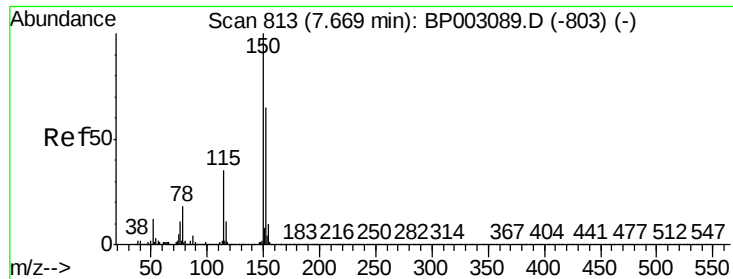
Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620MSD

Manual Integrations
 APPROVED

mohammad
 8/31/2020 10:28:08 AM

Quant Time: Aug 28 18:18:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.66 min Scan# 812

Delta R.T. -0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Instrument :

BNA_P

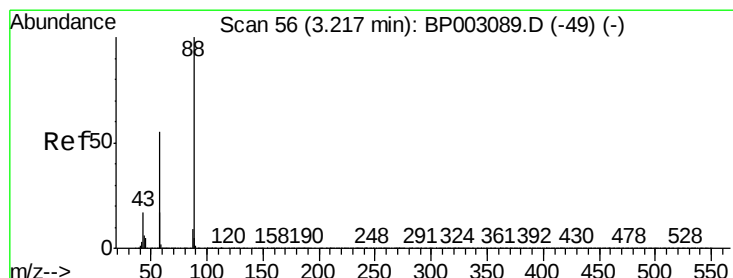
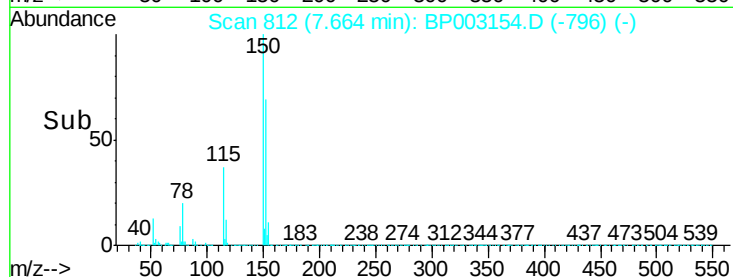
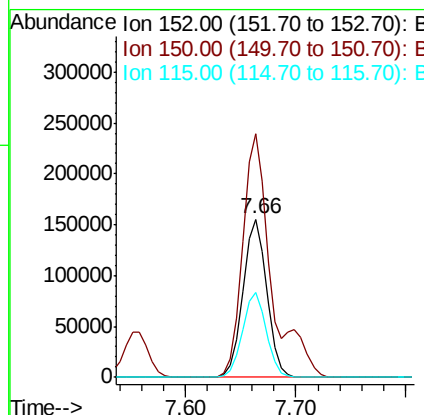
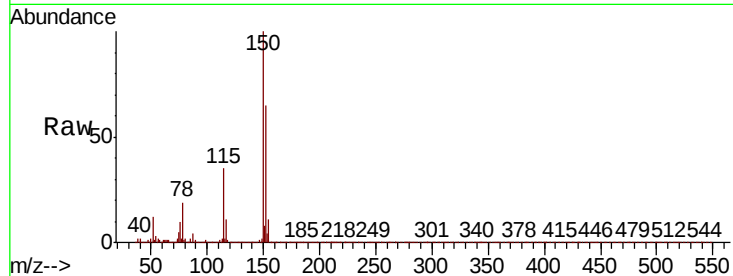
ClientSampleId :

HR-06-082620MSD

Tot Ion:	152	Resp:	234729
Ion Ratio	Lower	Upper	
152	100		
150	153.7	123.1	184.7
115	53.5	42.8	64.2

Manual Integrations
APPROVED

mohammad
8/31/2020 10:28:08 AM



#2

1,4-Dioxane

Concen: 33.581 ng

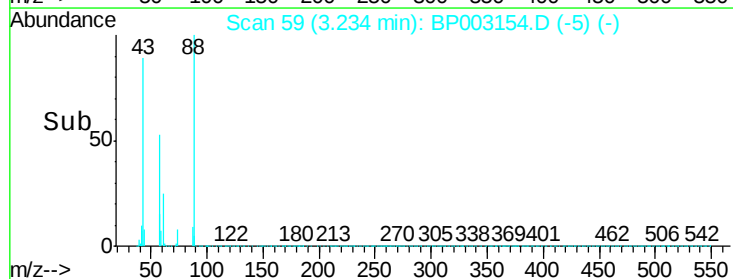
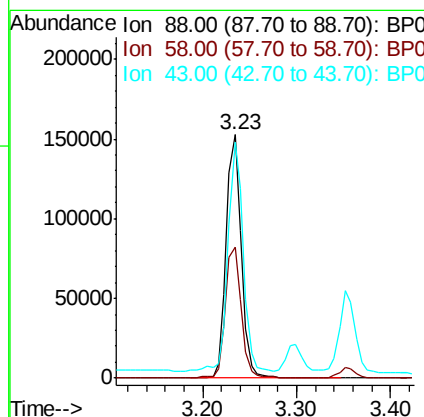
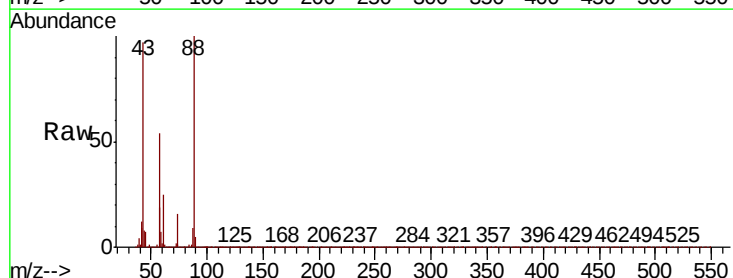
RT: 3.23 min Scan# 59

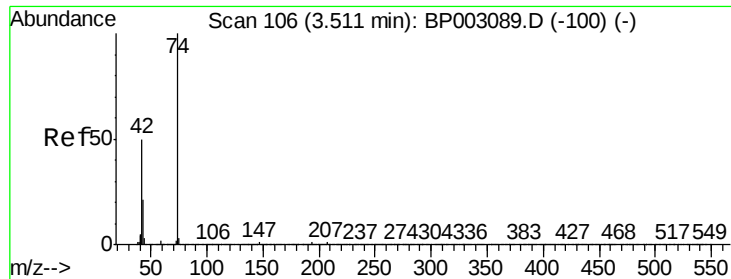
Delta R.T. 0.02 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Tgt Ion:	88	Resp:	170443
Ion Ratio	Lower	Upper	
88	100		
58	56.0	44.3	66.5
43	94.4	14.3	21.5





#4

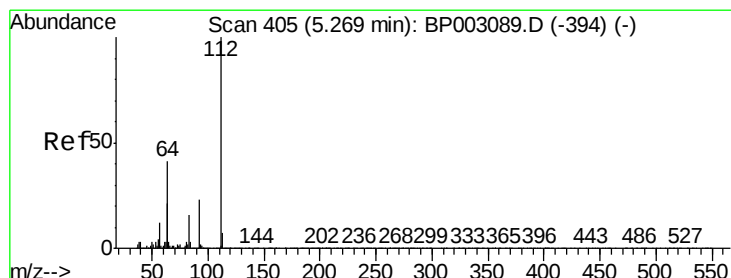
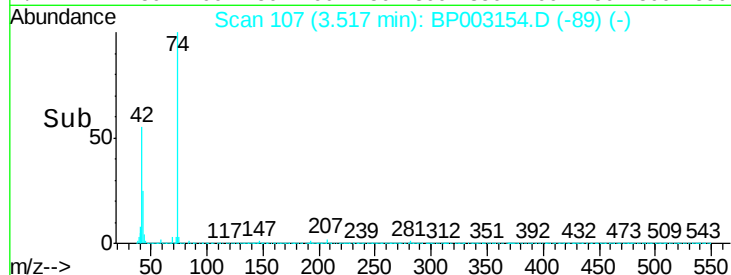
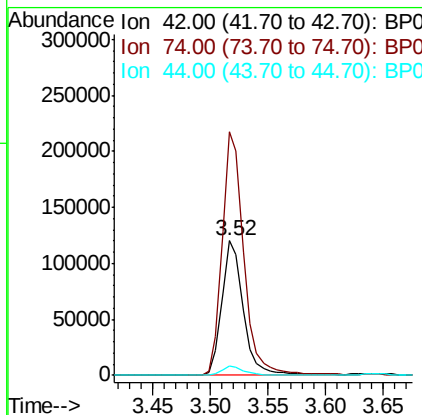
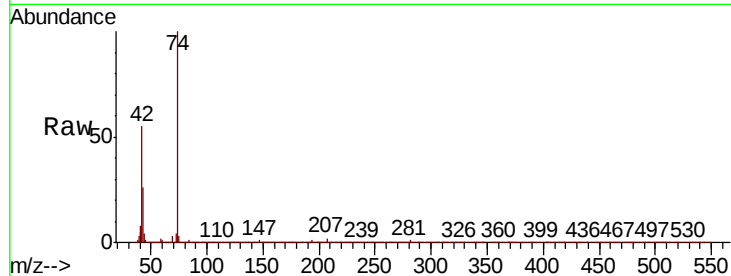
n-Nitrosodimethylamine
 Concen: 43.580 ng
 RT: 3.52 min Scan# 107
 Delta R.T. 0.01 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620MSD

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
74	181.4	161.0	241.6	
44	6.9	5.6	8.4	

Manual Integrations
 APPROVED

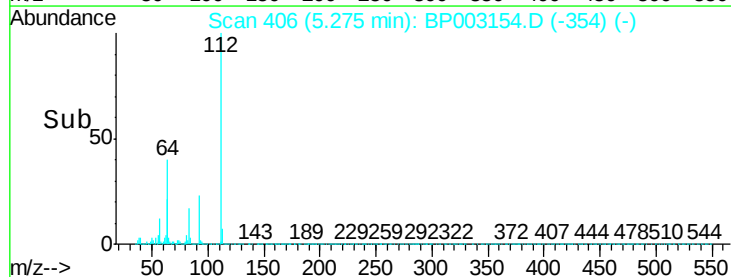
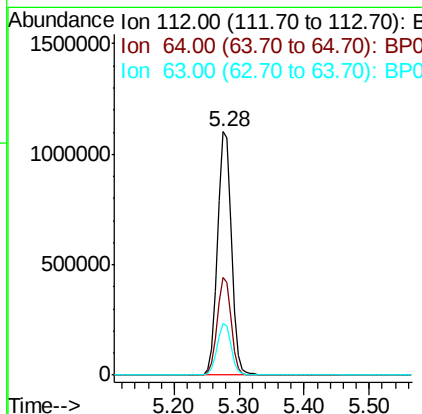
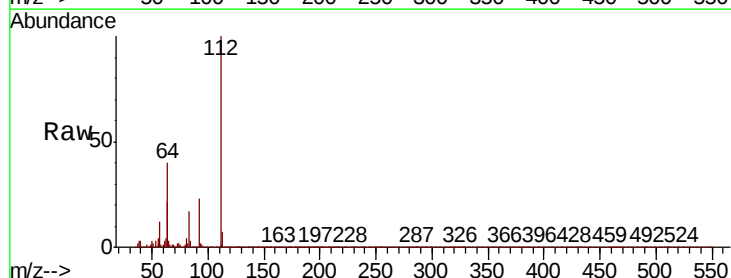
mohammad
 8/31/2020 10:28:08 AM

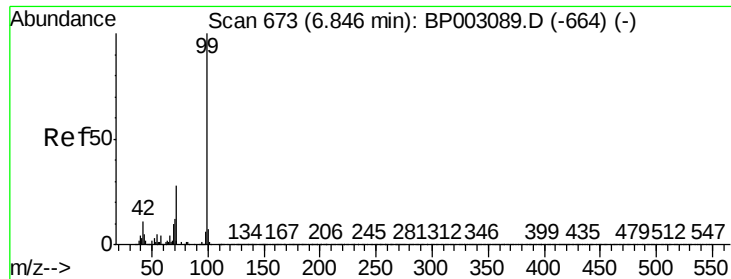


#5

2-Fluorophenol
 Concen: 123.276 ng
 RT: 5.28 min Scan# 406
 Delta R.T. 0.01 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
64	40.0	33.0	49.6	
63	21.3	16.9	25.3	





#7

Phenol-d6

Concen: 113.695 ng

RT: 6.85 min Scan# 674

Delta R.T. 0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Instrument :

BNA_P

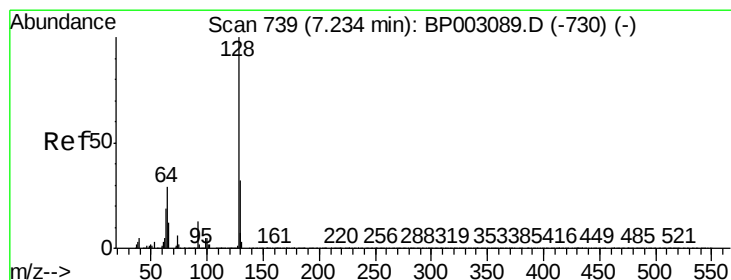
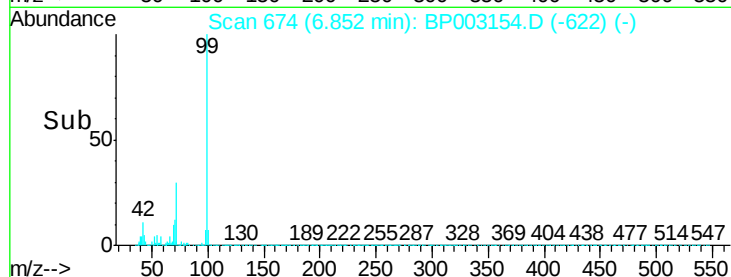
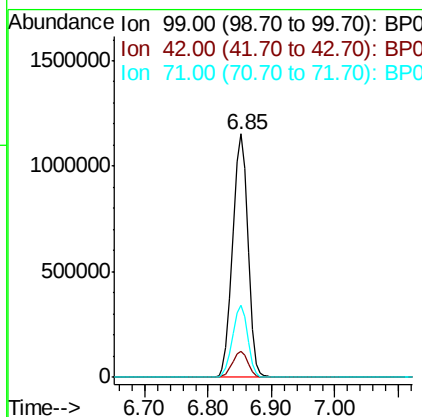
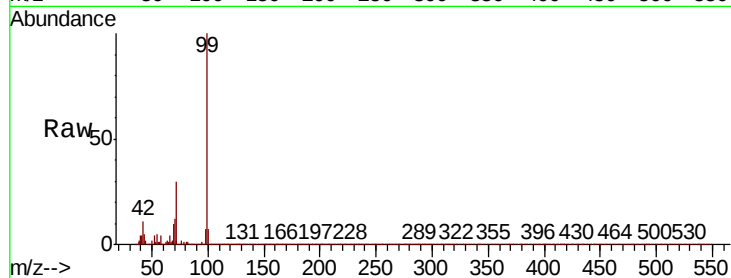
ClientSampleId :

HR-06-082620MSD

Tot Ion:	99	Resp:	1892201
Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.5	12.7
71	29.6	22.8	34.2

Manual Integrations
APPROVED

mohammad
8/31/2020 10:28:08 AM



#8

2-Chlorophenol

Concen: 47.191 ng

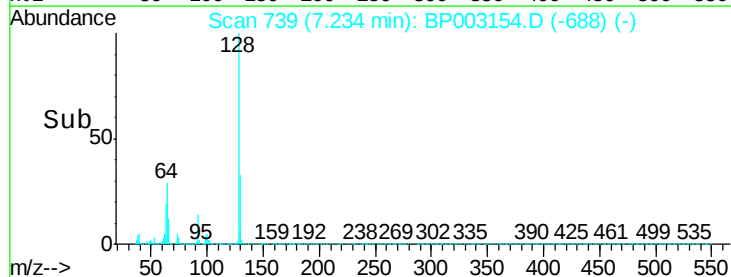
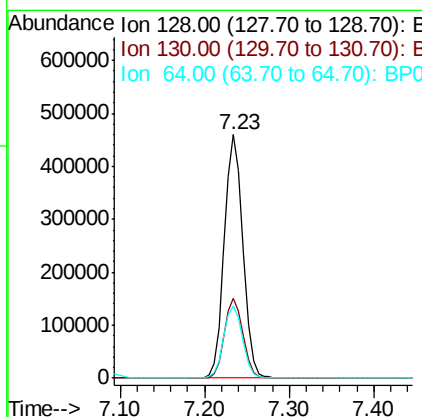
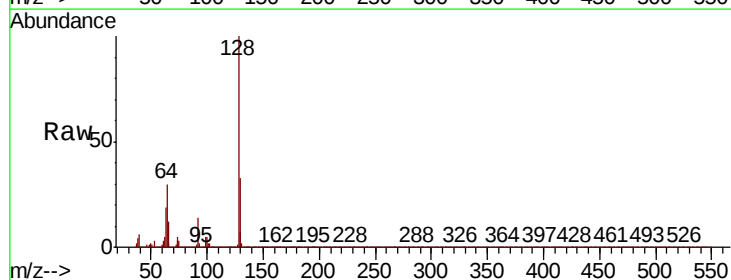
RT: 7.23 min Scan# 739

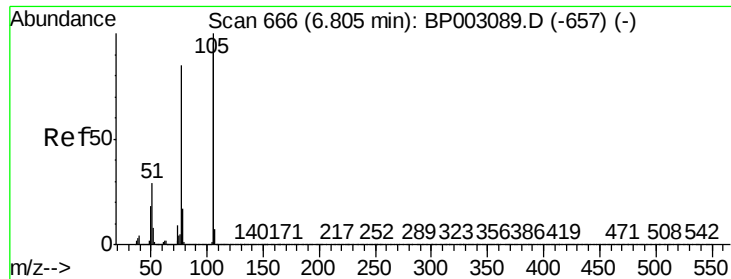
Delta R.T. 0.00 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Tgt Ion:	128	Resp:	698468
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.2	52.2
64	29.5	9.7	49.7





#9

Benzaldehyde

Concen: 28.627 ng

RT: 6.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Instrument :

BNA_P

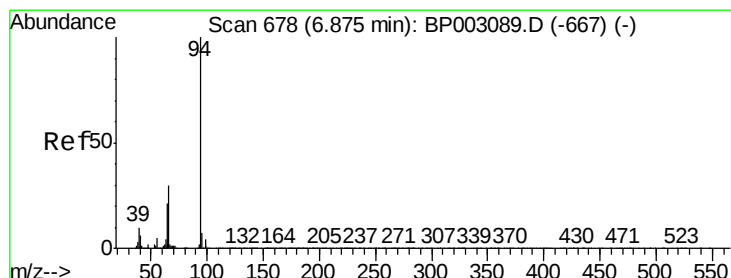
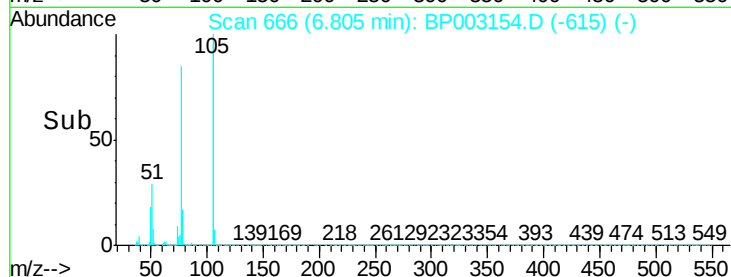
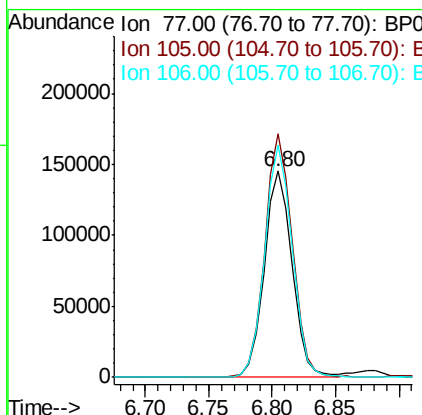
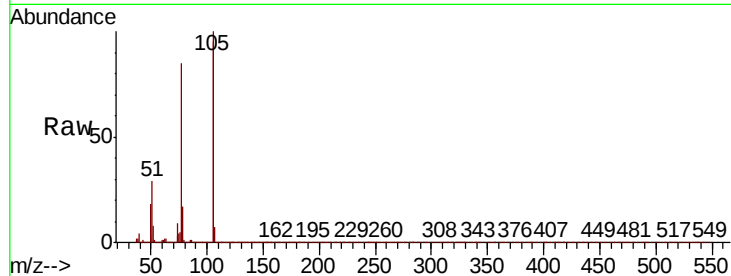
ClientSampleId :

HR-06-082620MSD

Tot Ion:	77	Resp:	222124
Ion Ratio	Lower	Upper	
77	100		
105	118.1	98.3	138.3
106	112.6	93.9	133.9

Manual Integrations
APPROVED

mohammad
8/31/2020 10:28:08 AM



#10

Phenol

Concen: 45.588 ng

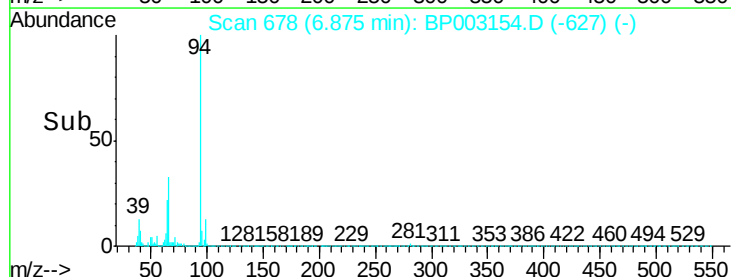
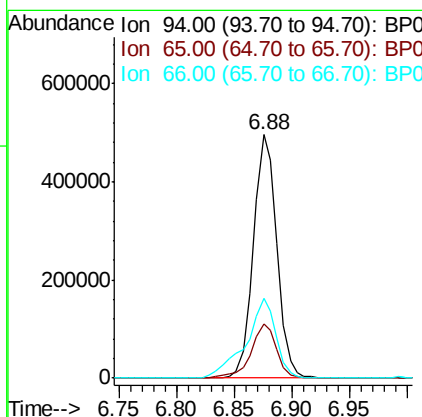
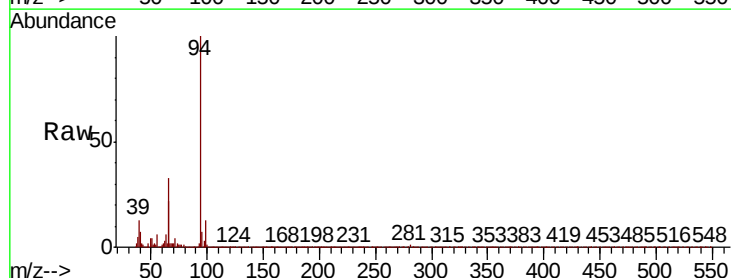
RT: 6.88 min Scan# 678

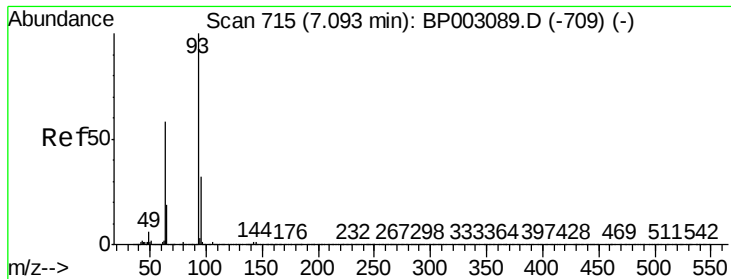
Delta R.T. 0.00 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Tgt Ion:	94	Resp:	703119
Ion Ratio	Lower	Upper	
94	100		
65	22.5	1.0	41.0
66	32.7	9.7	49.7





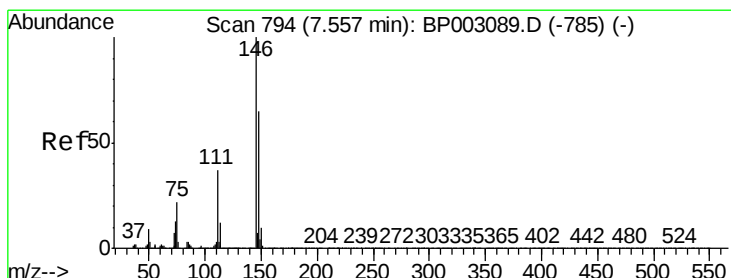
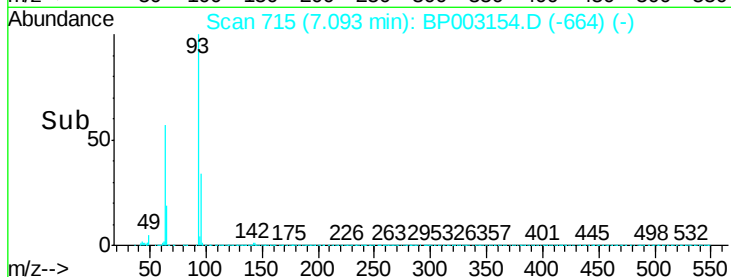
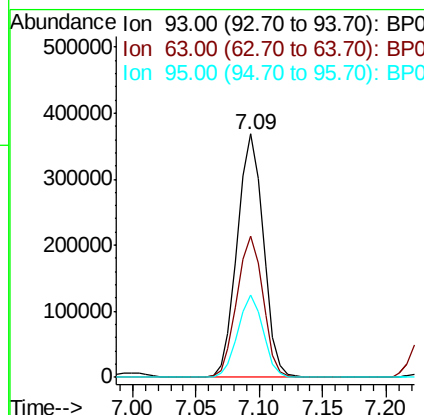
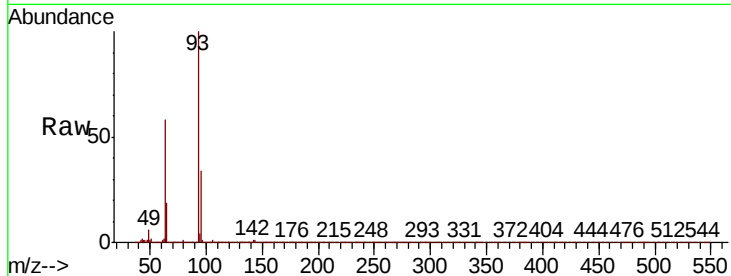
#11
bis(2-Chloroethyl)ether
Concen: 42.966 ng
RT: 7.09 min Scan# 715
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		524500		
63	57.9	37.8	77.8		
95	33.6	12.0	52.0		

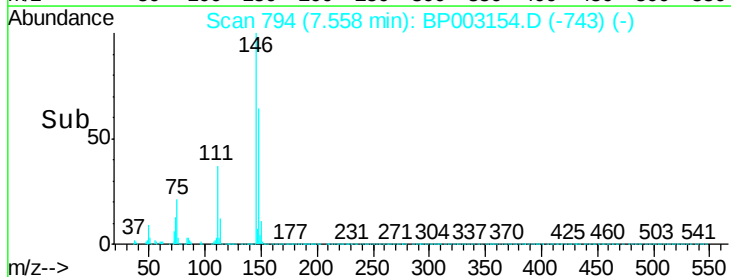
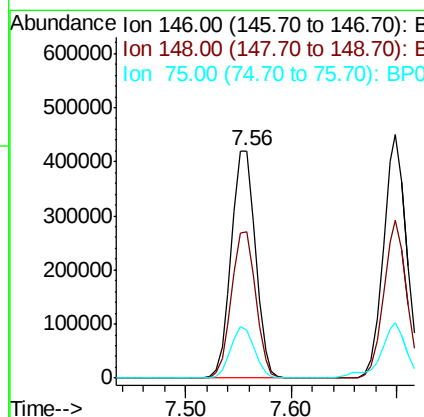
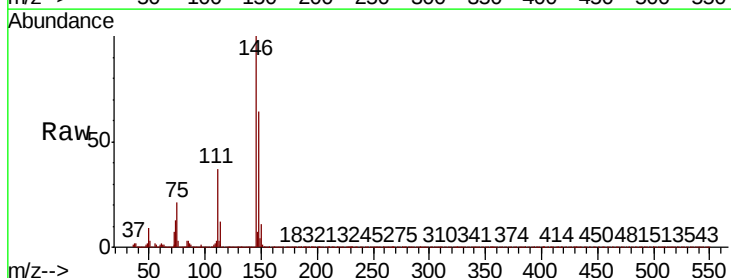
Manual Integrations
APPROVED

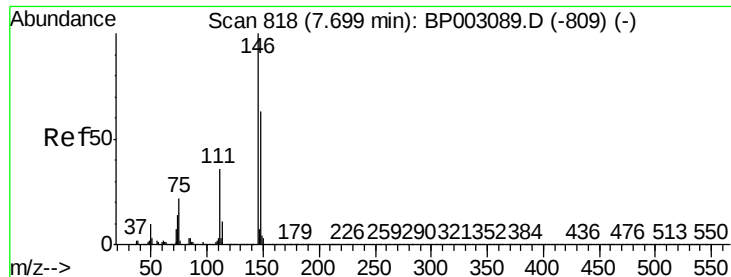
mohammad
8/31/2020 10:28:08 AM



#12
1,3-Dichlorobenzene
Concen: 36.919 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		664409		
148	64.4	51.8	77.6		
75	21.3	17.4	26.2		





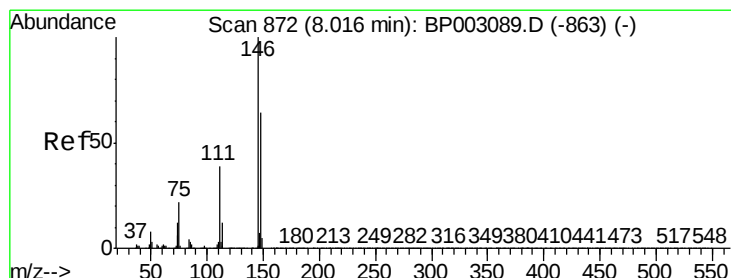
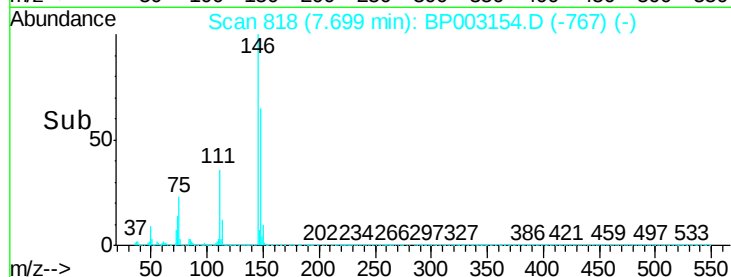
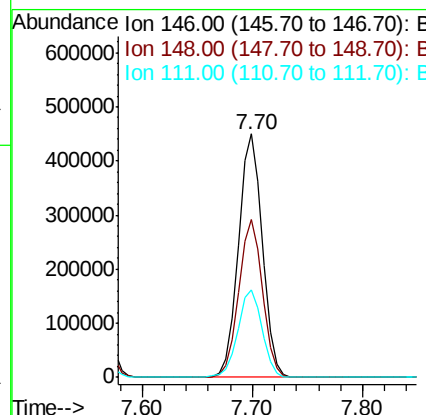
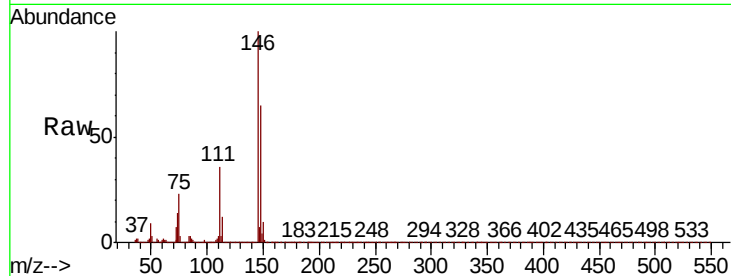
#13
1,4-Dichlorobenzene
Concen: 37.608 ng
RT: 7.70 min Scan# 818
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.6	75.8
111	35.9	28.5	42.7

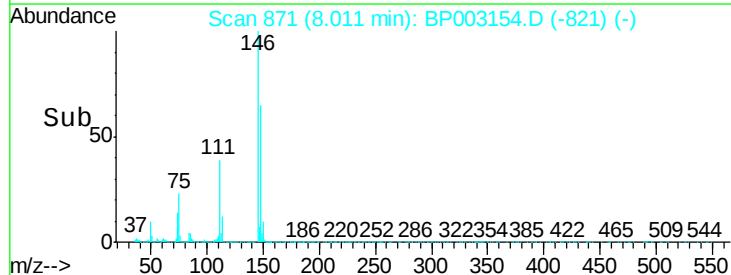
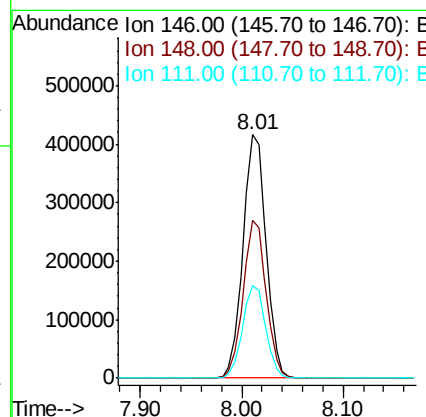
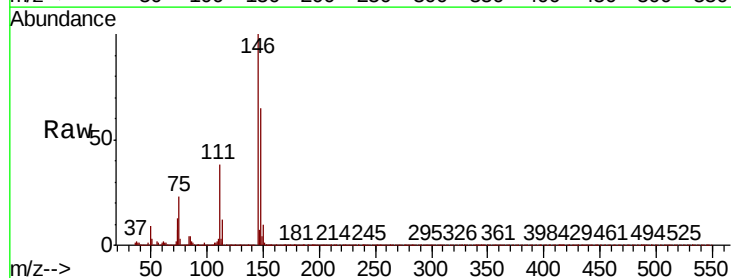
Manual Integrations
APPROVED

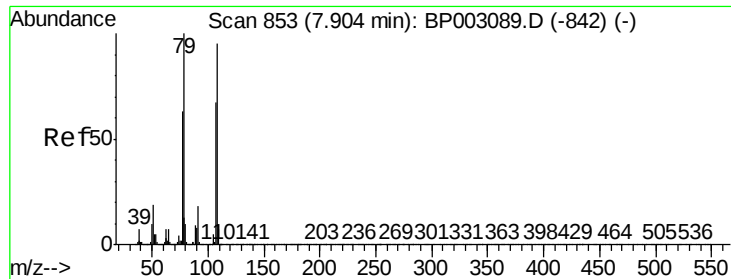
mohammad
8/31/2020 10:28:08 AM



#14
1,2-Dichlorobenzene
Concen: 38.184 ng
RT: 8.01 min Scan# 871
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	38.2	31.0	46.4





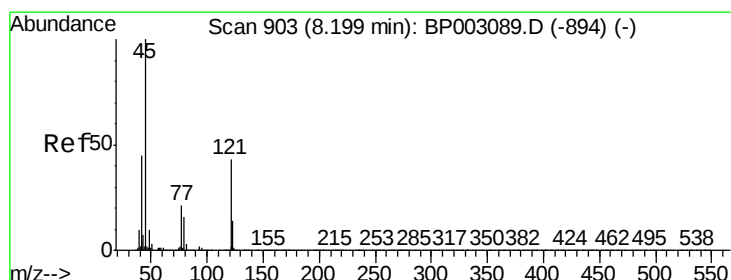
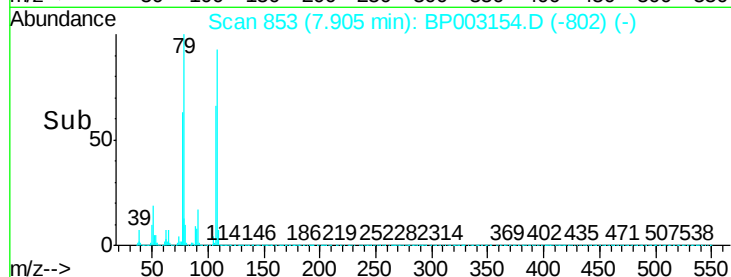
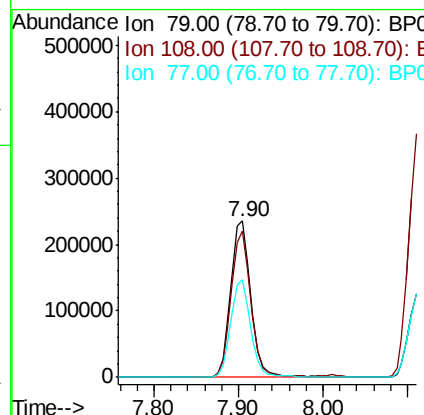
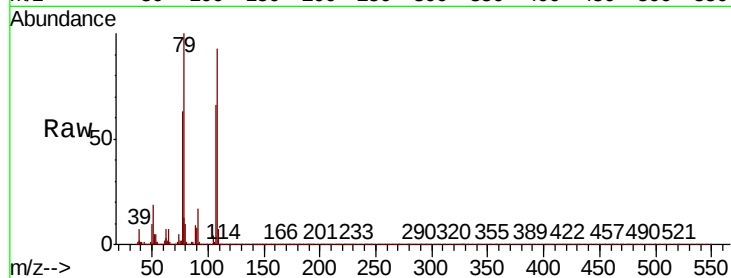
#15
Benzyl Alcohol
Concen: 41.127 ng
RT: 7.90 min Scan# 853
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	93.4	75.7	113.5
77	62.6	50.2	75.2

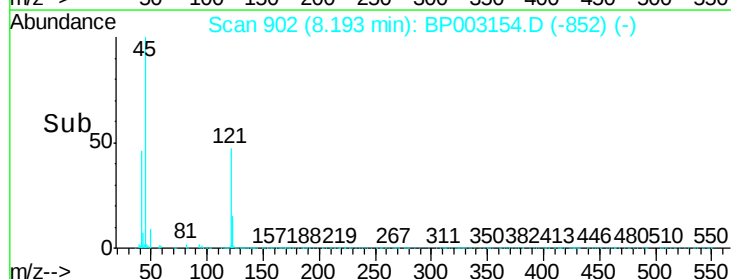
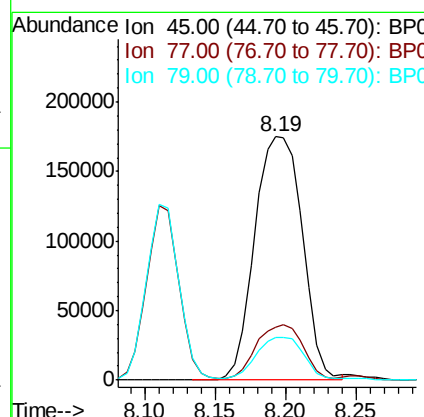
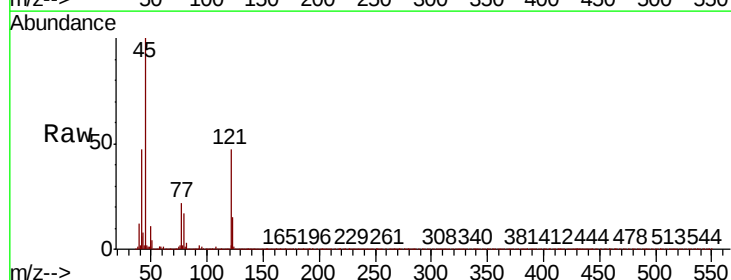
Manual Integrations
APPROVED

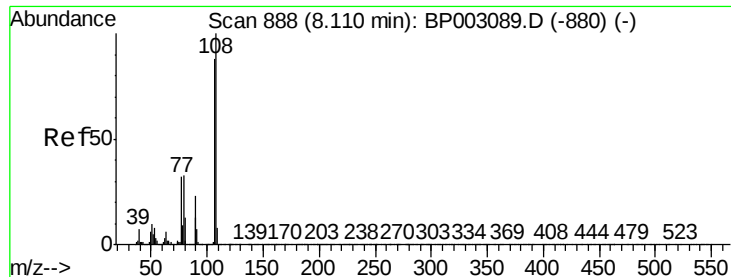
mohammad
8/31/2020 10:28:08 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.831 ng
RT: 8.19 min Scan# 902
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.7	1.6	41.6
79	17.4	0.0	36.7





#17

2-Methylphenol

Concen: 47.883 ng

RT: 8.11 min Scan# 888

Delta R.T. 0.00 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Instrument :

BNA_P

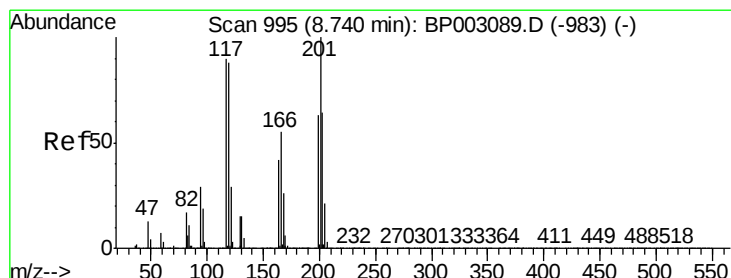
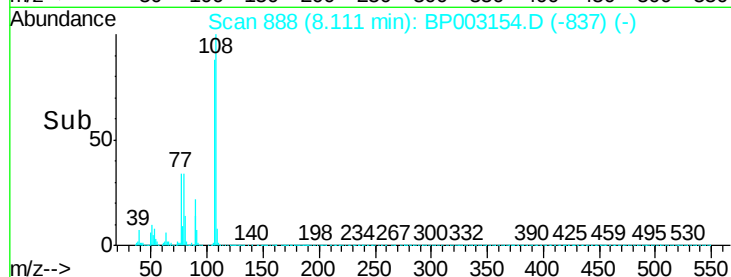
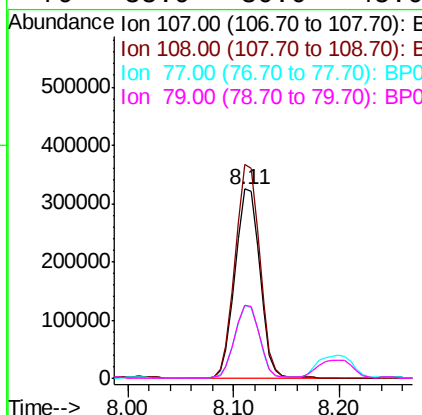
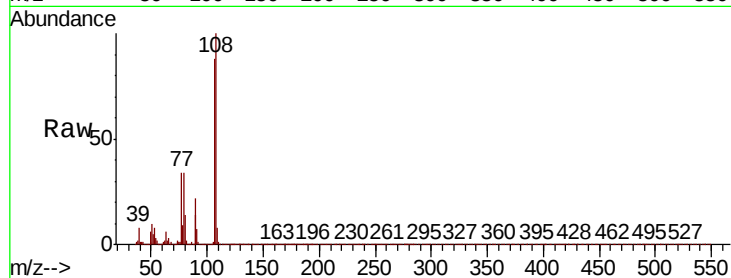
ClientSampleId :

HR-06-082620MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	90.8	136.2	
77	38.6	29.4	44.2	
79	38.9	30.0	45.0	

Manual Integrations
APPROVED

mohammad
8/31/2020 10:28:08 AM



#18

Hexachloroethane

Concen: 36.298 ng

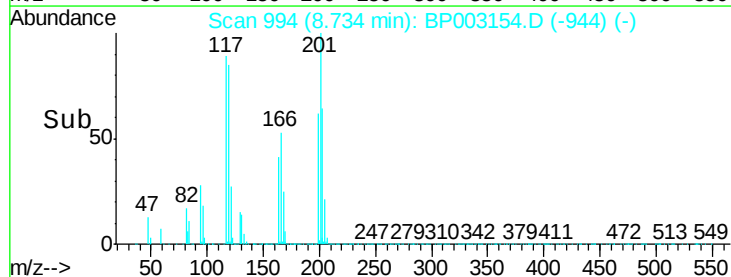
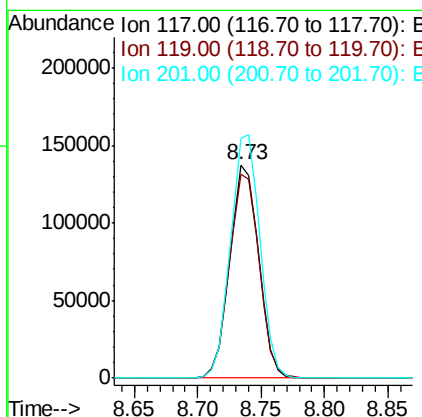
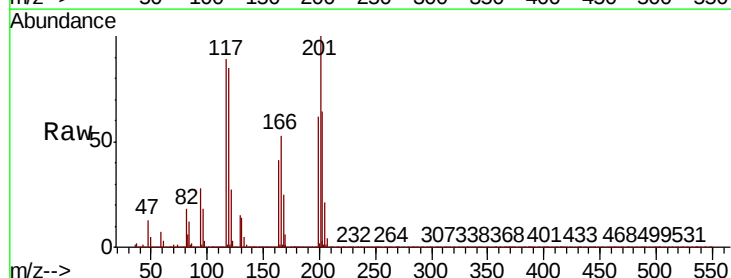
RT: 8.73 min Scan# 994

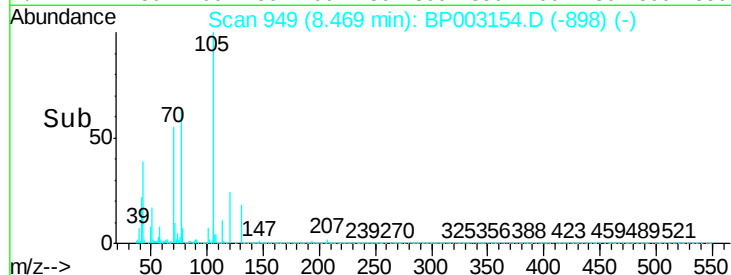
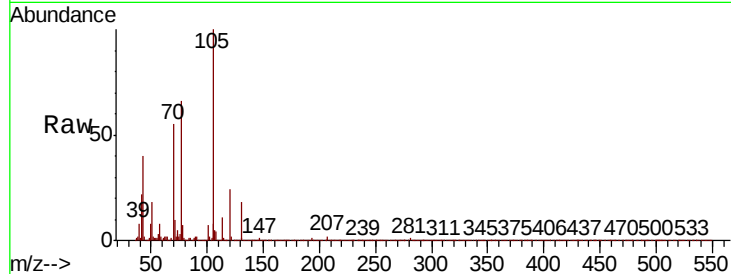
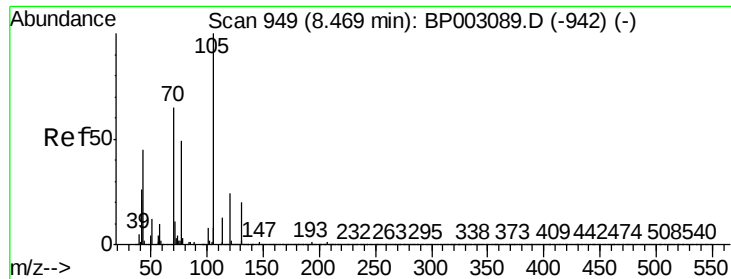
Delta R.T. -0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	77.7	116.5	
201	112.4	88.4	132.6	





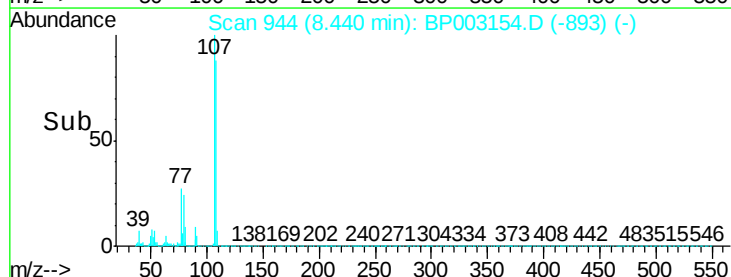
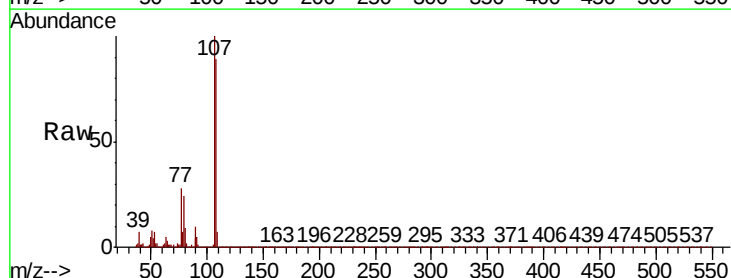
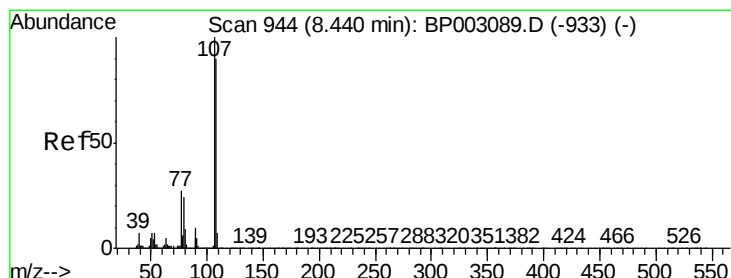
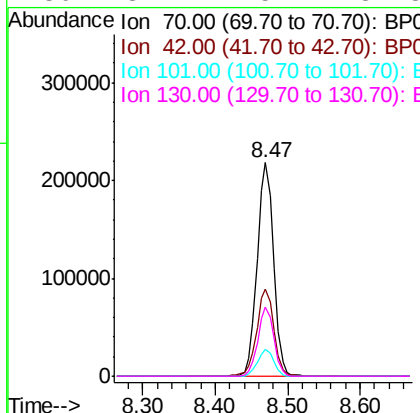
#19
n-Nitroso-di-n-propylamine
Concen: 45.719 ng
RT: 8.47 min Scan# 949
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	40.7	32.5	48.7
101	12.6	10.2	15.2
130	32.4	25.2	37.8

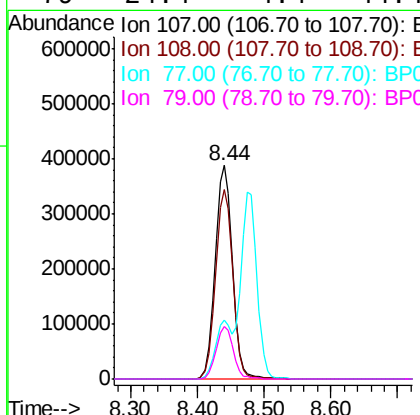
Manual Integrations
APPROVED

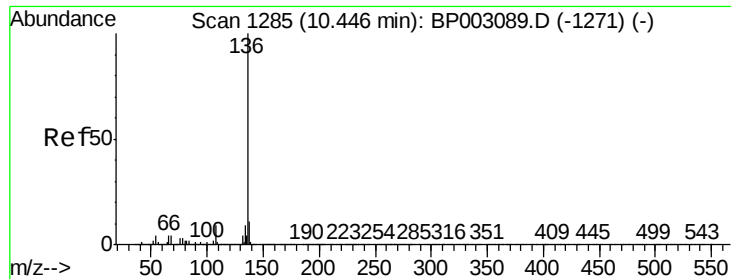
mohammad
8/31/2020 10:28:08 AM



#20
3+4-Methylphenols
Concen: 47.735 ng
RT: 8.44 min Scan# 944
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	69.7	109.7
77	27.8	7.2	47.2
79	24.4	4.4	44.4





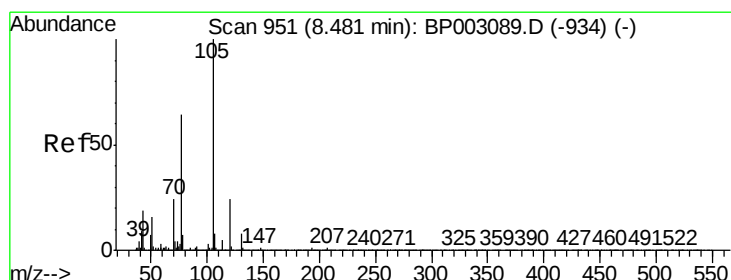
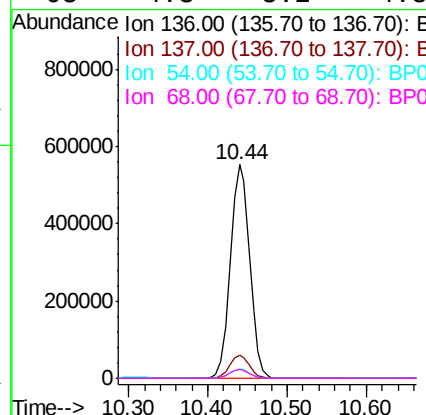
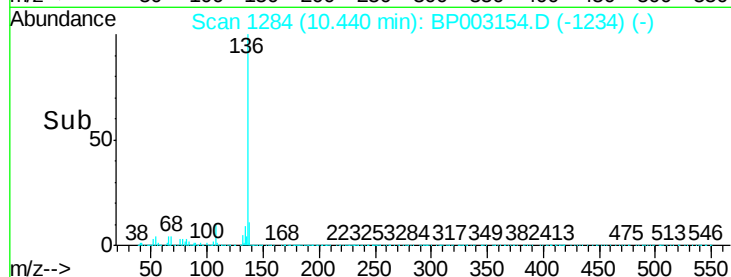
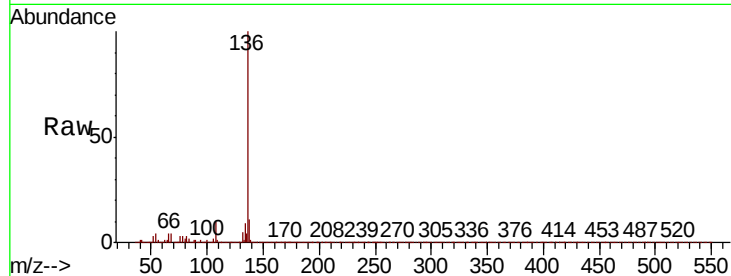
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	923452		
137	10.9		8.8	13.2
54	4.3		3.5	5.3
68	4.3		3.2	4.8

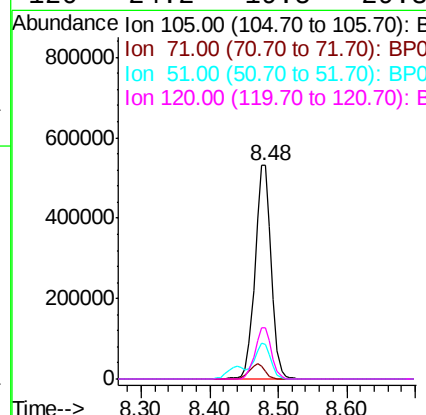
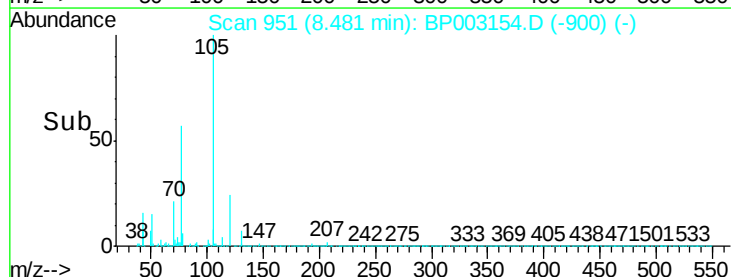
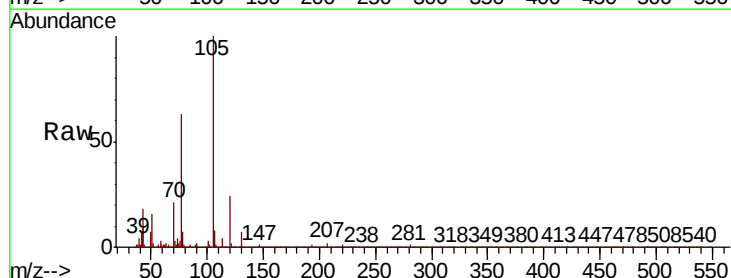
Manual Integrations
APPROVED

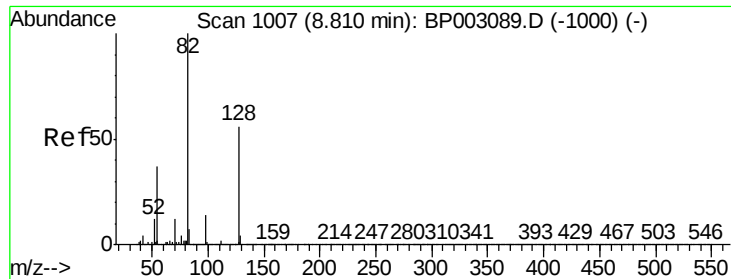
mohammad
8/31/2020 10:28:08 AM



#22
Acetophenone
Concen: 42.923 ng
RT: 8.48 min Scan# 951
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	882717		
71	3.4		3.1	4.7
51	16.2		13.0	19.6
120	24.2		19.5	29.3





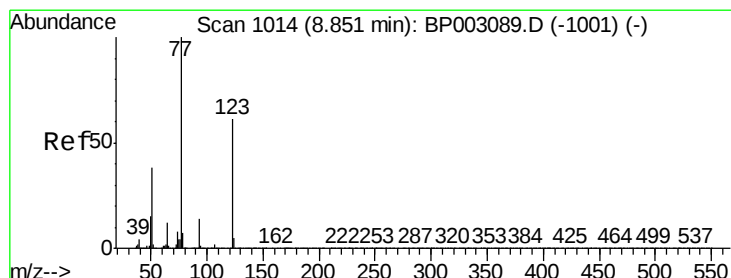
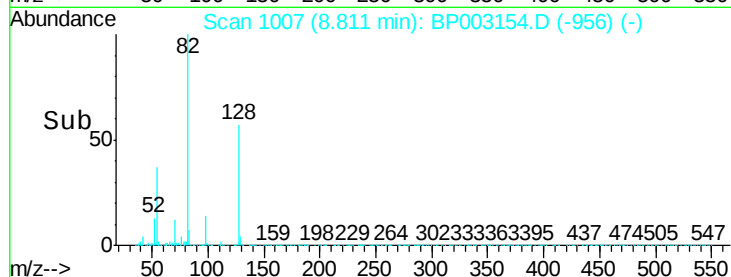
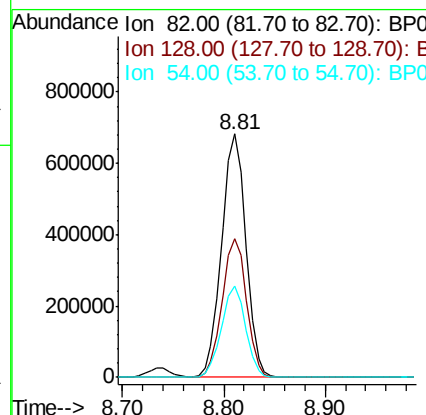
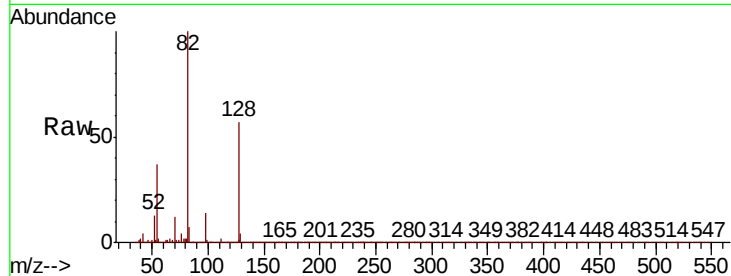
#23
Nitrobenzene-d5
Concen: 88.680 ng
RT: 8.81 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	82	Resp	1135957
Ion Ratio	Lower	Upper	
82	100		
128	57.0	44.9	67.3
54	37.4	29.4	44.2

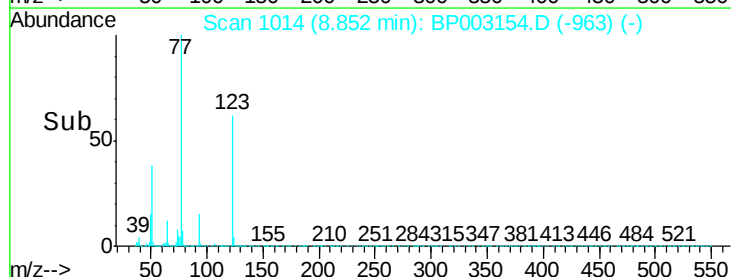
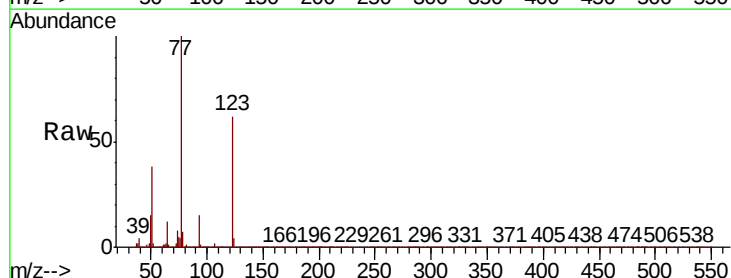
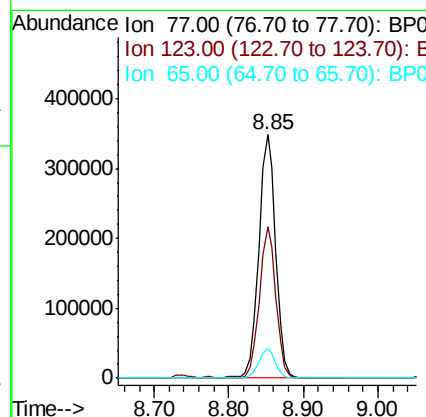
Manual Integrations
APPROVED

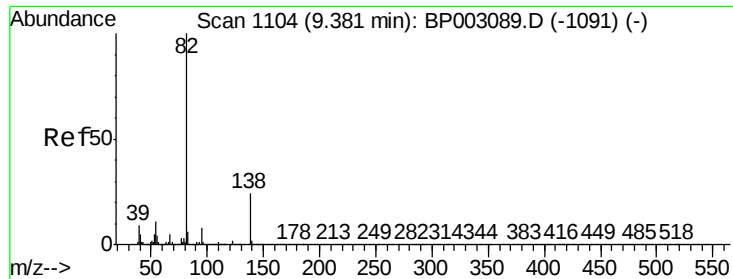
mohammad
8/31/2020 10:28:08 AM



#24
Nitrobenzene
Concen: 43.506 ng
RT: 8.85 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	77	Resp	547371
Ion Ratio	Lower	Upper	
77	100		
123	62.1	49.0	73.4
65	12.1	9.6	14.4





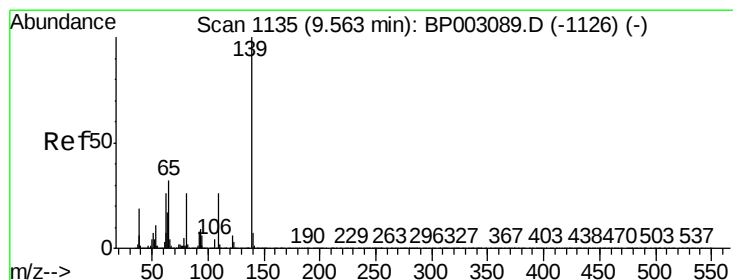
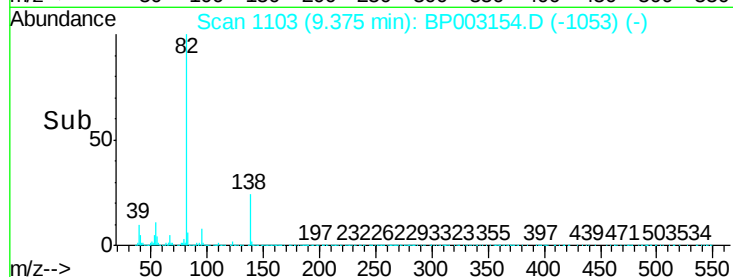
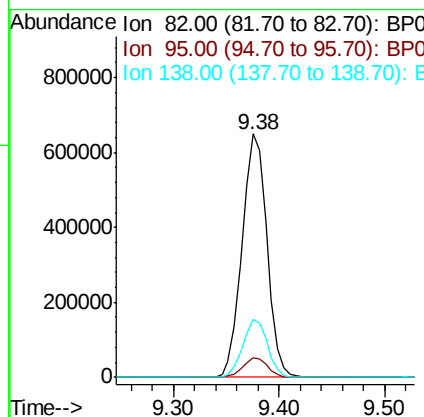
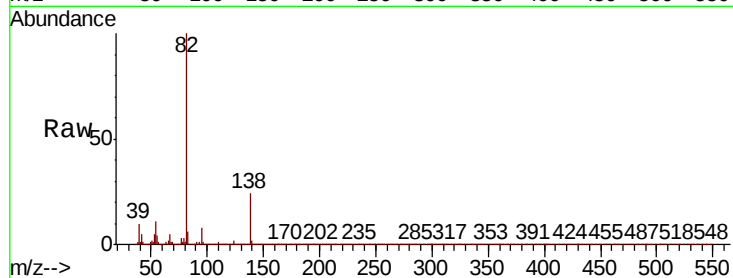
#25
Isophorone
Concen: 46.778 ng
RT: 9.38 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ion	Ratio	Lower	Upper
82	100			
95	7.9	6.0	9.0	
138	23.7	19.1	28.7	

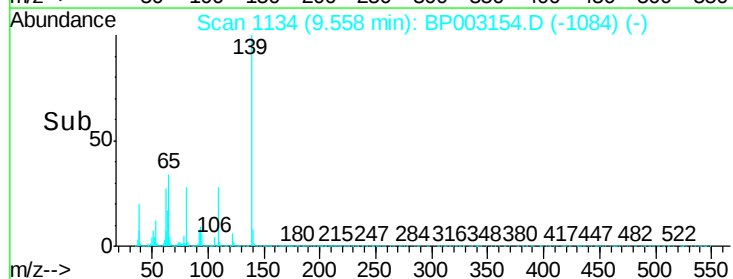
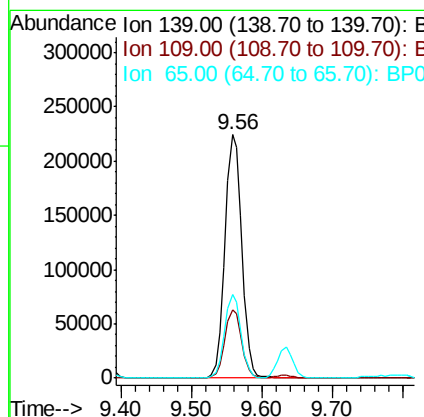
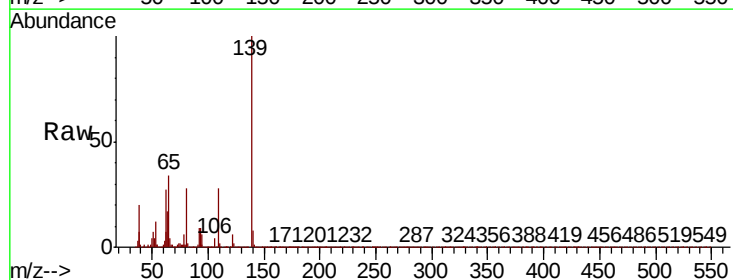
Manual Integrations
APPROVED

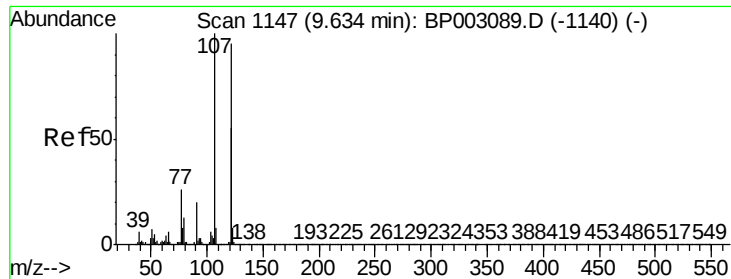
mohammad
8/31/2020 10:28:08 AM



#26
2-Nitrophenol
Concen: 49.691 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ion	Ratio	Lower	Upper
139	100			
109	28.2	21.2	31.8	
65	34.1	25.4	38.0	





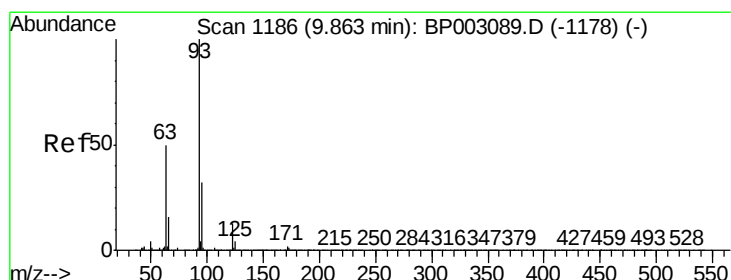
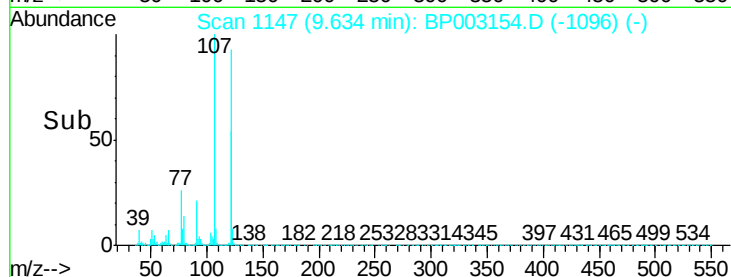
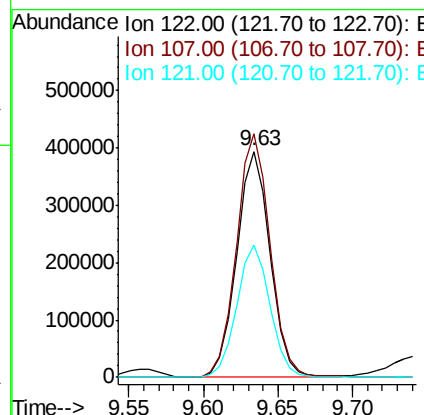
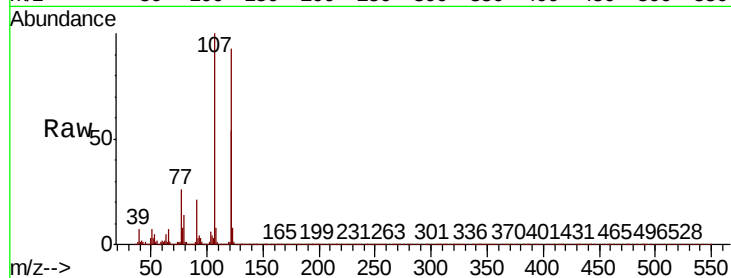
#27
2,4-Dimethylphenol
Concen: 54.438 ng
RT: 9.63 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	613688		
107	107.8	84.3	126.5	
121	58.4	46.0	69.0	

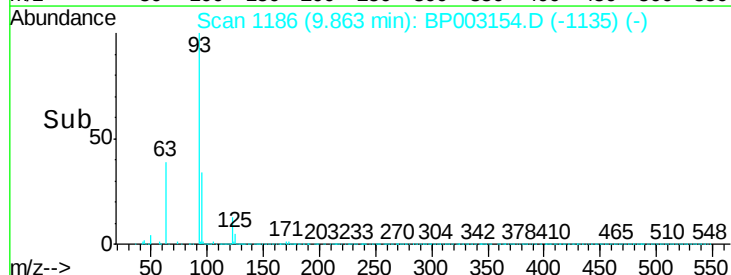
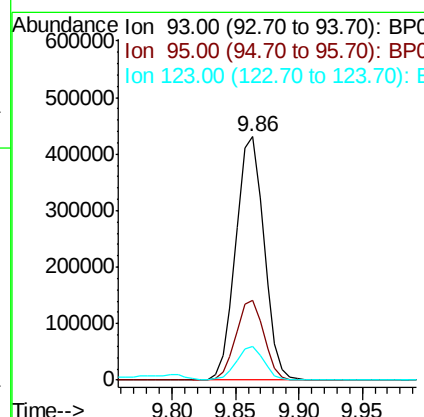
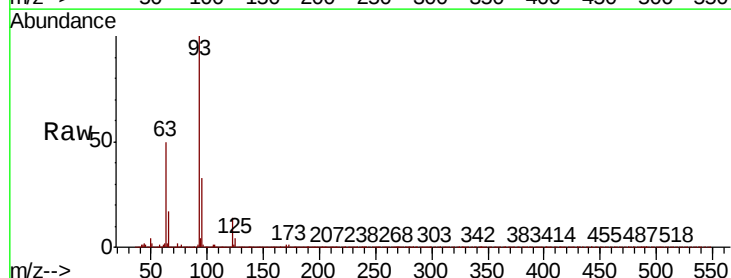
Manual Integrations
APPROVED

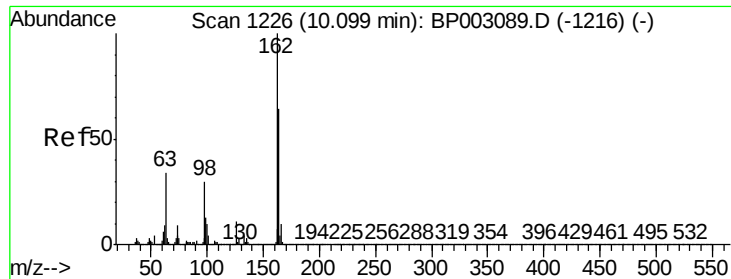
mohammad
8/31/2020 10:28:08 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.350 ng
RT: 9.86 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	662411		
95	32.7	25.8	38.8	
123	13.8	10.6	15.8	





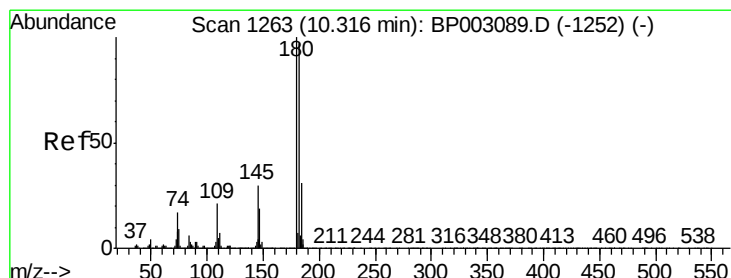
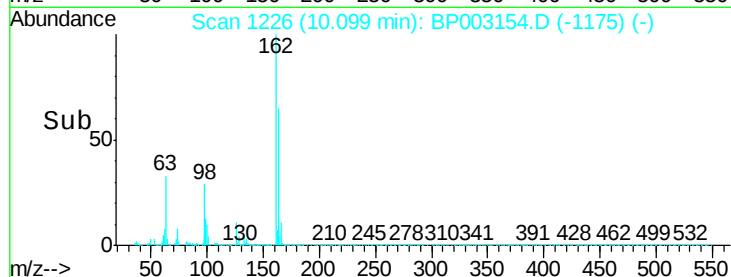
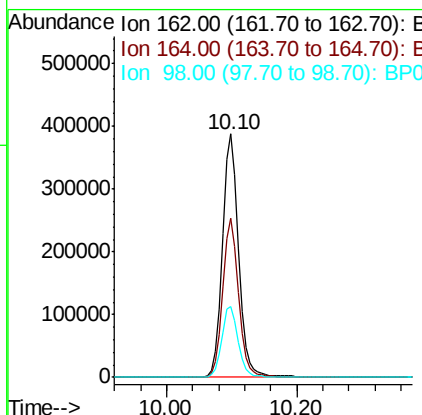
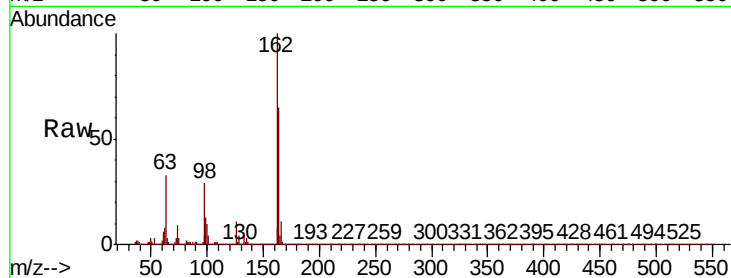
#29
2,4-Dichlorophenol
Concen: 47.789 ng
RT: 10.10 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.1	43.6	83.6
98	29.2	10.1	50.1

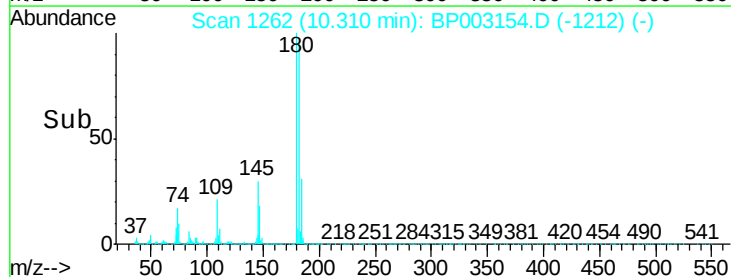
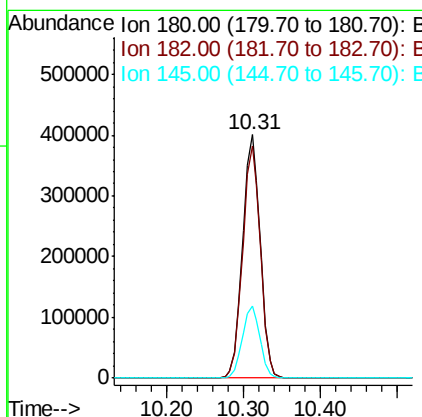
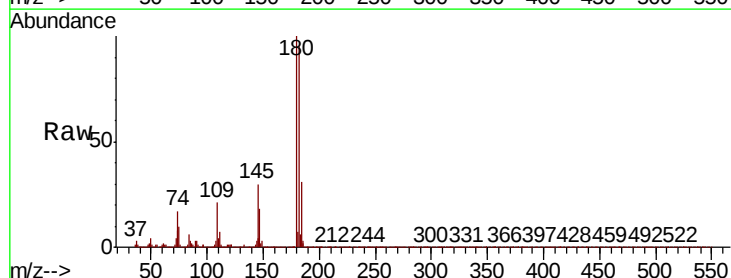
Manual Integrations
APPROVED

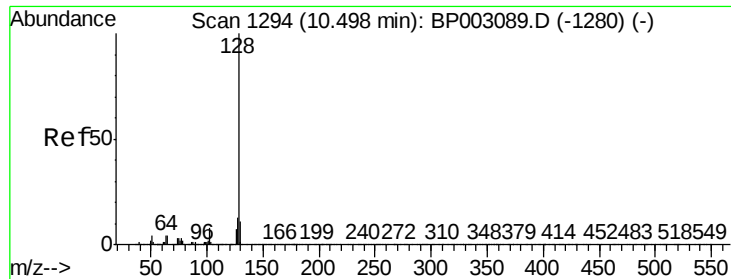
mohammad
8/31/2020 10:28:08 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.710 ng
RT: 10.31 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	77.6	116.4
145	29.7	23.7	35.5





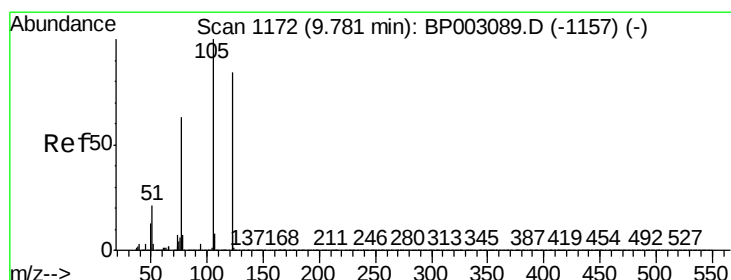
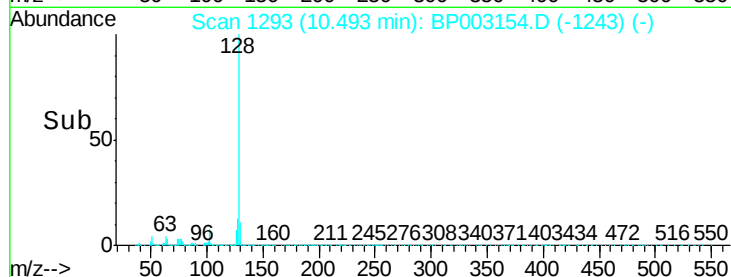
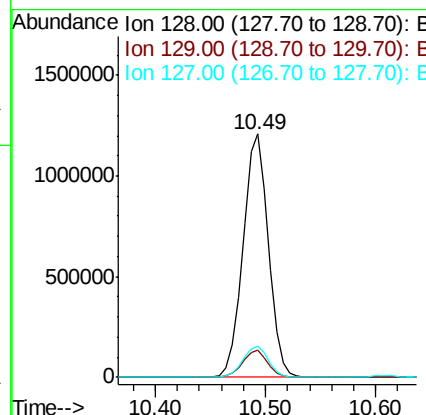
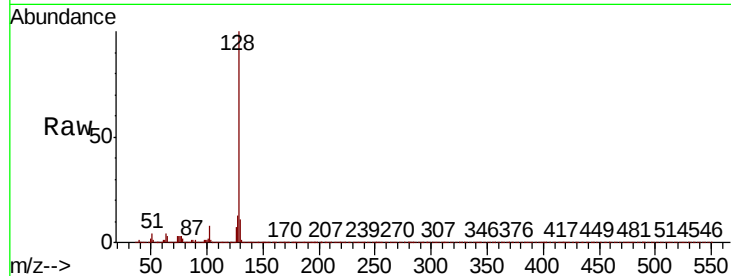
#31
Naphthalene
Concen: 40.843 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.0	10.5	15.7

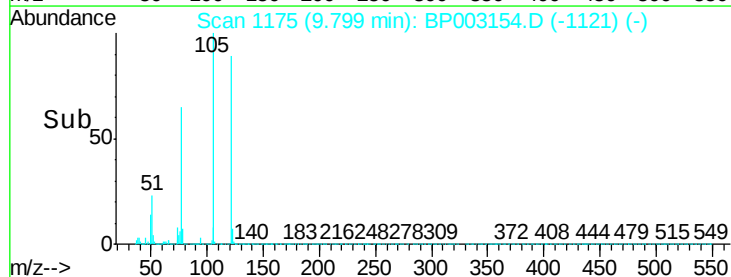
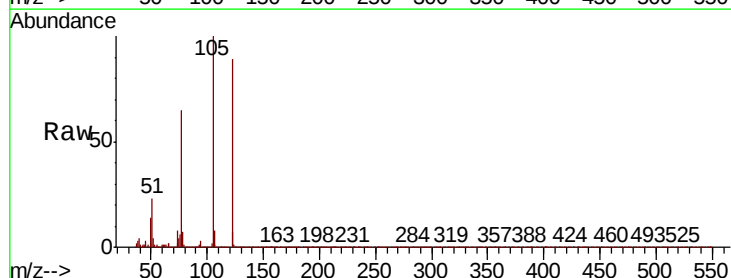
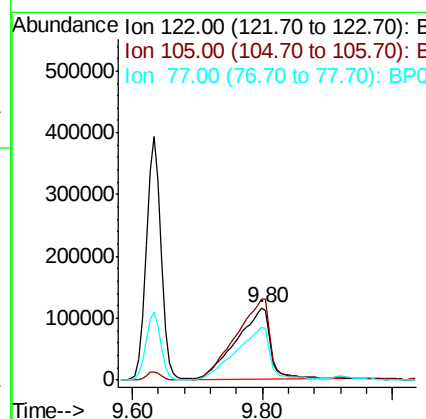
Manual Integrations
APPROVED

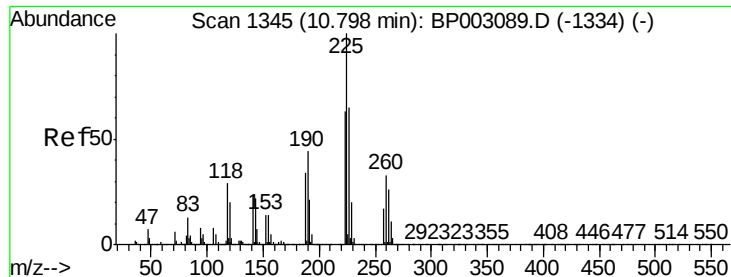
mohammad
8/31/2020 10:28:08 AM



#32
Benzoic acid
Concen: 48.072 ng
RT: 9.80 min Scan# 1175
Delta R.T. 0.02 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.0	98.1	138.1
77	73.0	55.3	95.3





#34

Hexachlorobutadiene

Concen: 36.913 ng

RT: 10.79 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Instrument :

BNA_P

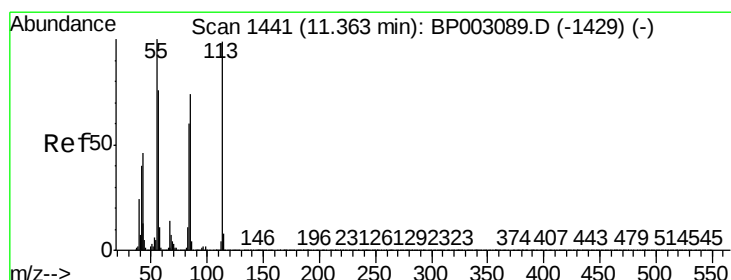
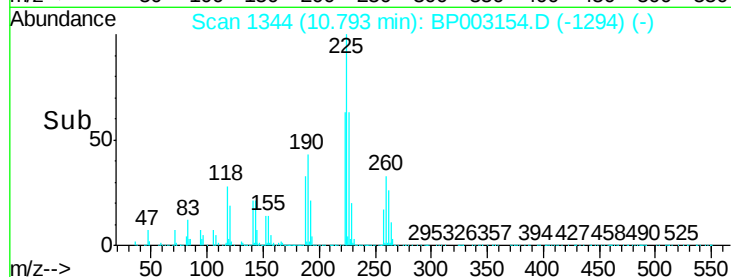
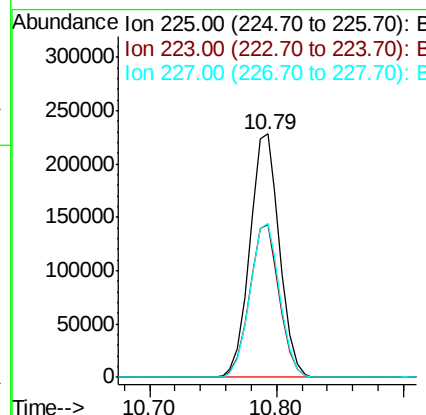
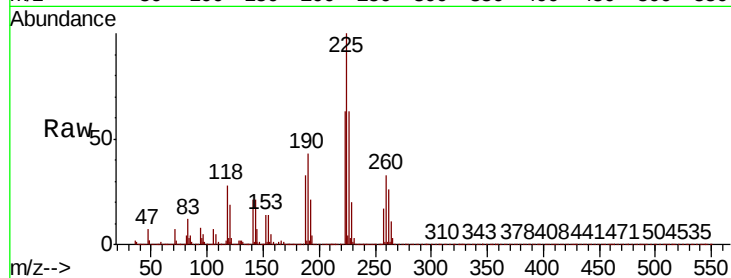
ClientSampleId :

HR-06-082620MSD

Tot Ion:	225	Resp:	368917
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.6	76.0
227	63.4	52.0	78.0

Manual Integrations
APPROVED

mohammad
8/31/2020 10:28:08 AM



#35

Caprolactam

Concen: 41.017 ng m

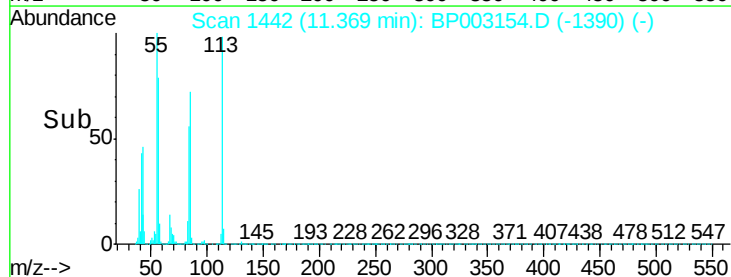
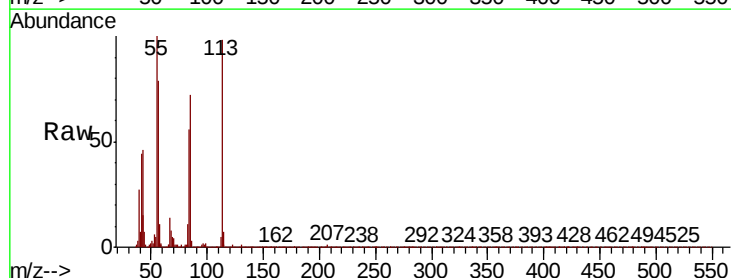
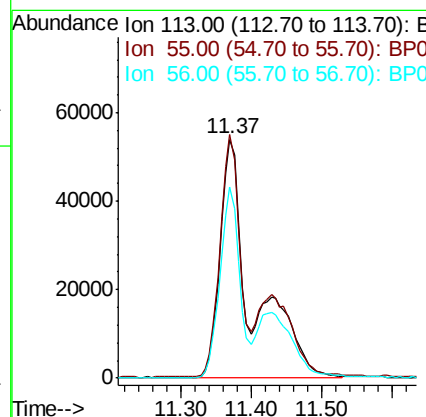
RT: 11.37 min Scan# 1442

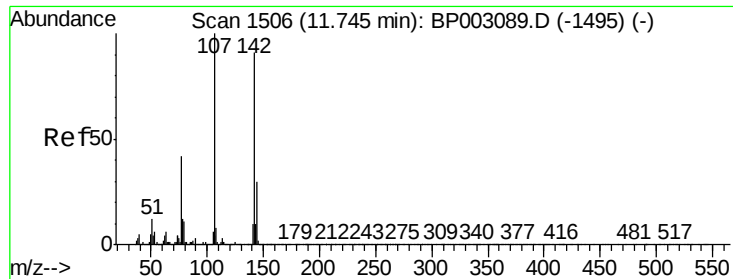
Delta R.T. 0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Tgt Ion:	113	Resp:	172390
Ion Ratio	Lower	Upper	
113	100		
55	102.0	81.3	121.3
56	80.2	56.4	96.4





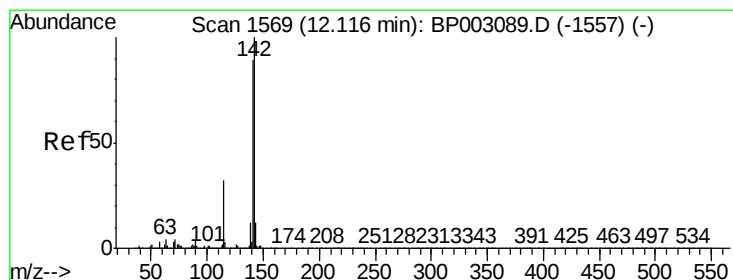
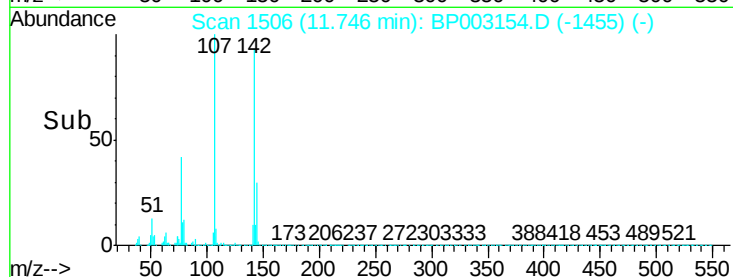
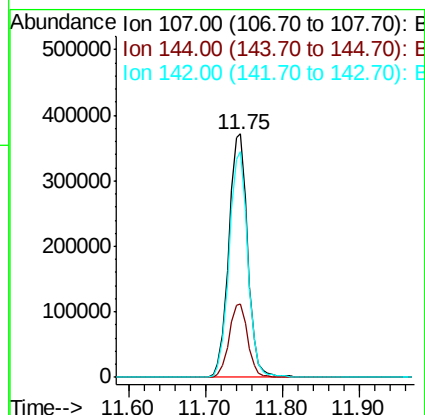
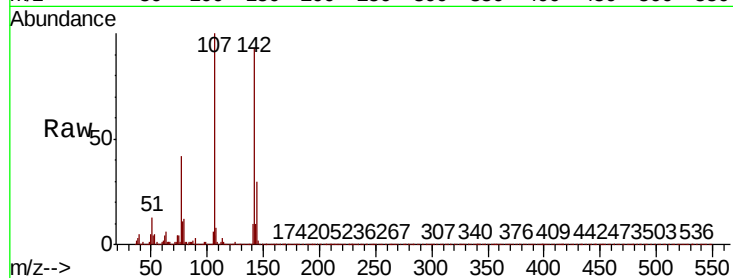
#36
4-Chloro-3-methylphenol
Concen: 48.798 ng
RT: 11.75 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	30.1	24.2	36.4
142	92.6	73.0	109.6

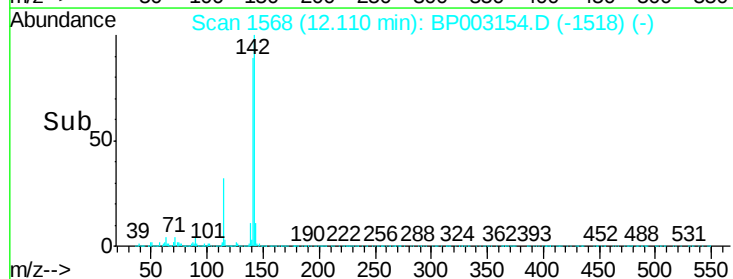
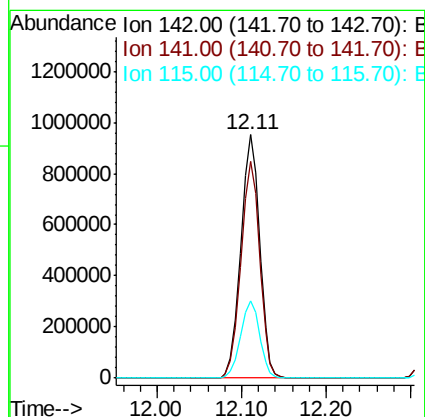
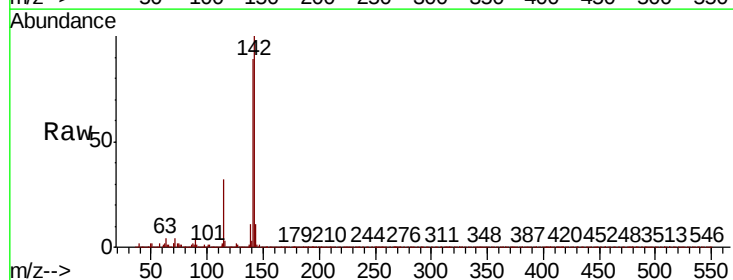
Manual Integrations
APPROVED

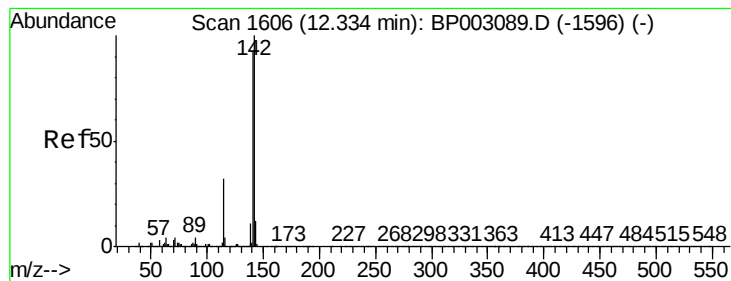
mohammad
8/31/2020 10:28:08 AM



#37
2-Methylnaphthalene
Concen: 42.762 ng
RT: 12.11 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.1	106.7
115	31.7	25.2	37.8





#38

1-Methylnaphthalene

Concen: 42.595 ng

RT: 12.33 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Instrument :

BNA_P

ClientSampleId :

HR-06-082620MSD

Tot Ion:142 Resp: 1374056

Ion Ratio Lower Upper

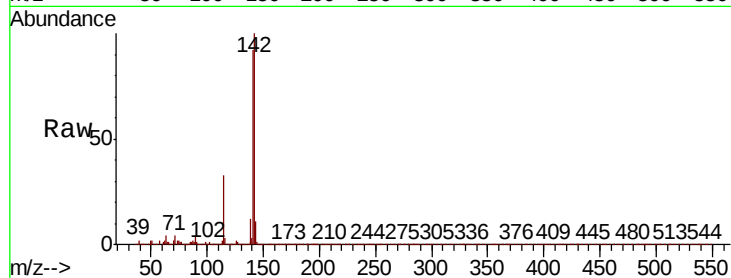
142 100

141 92.3 73.8 110.8

116 3.5 2.8 4.2

Manual Integrations
APPROVED

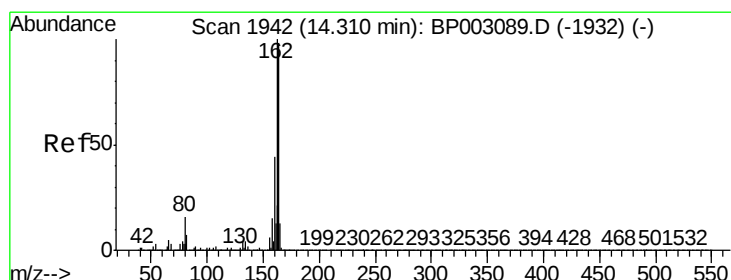
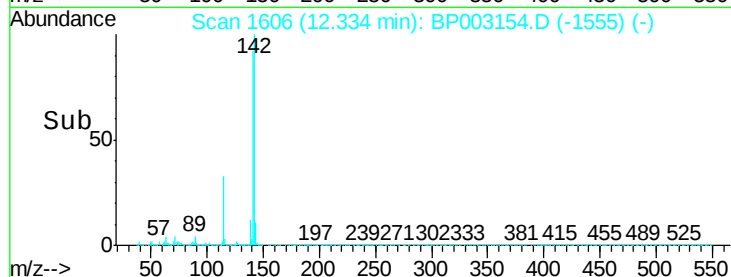
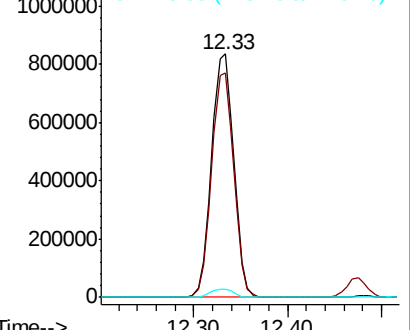
mohammad
8/31/2020 10:28:08 AM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

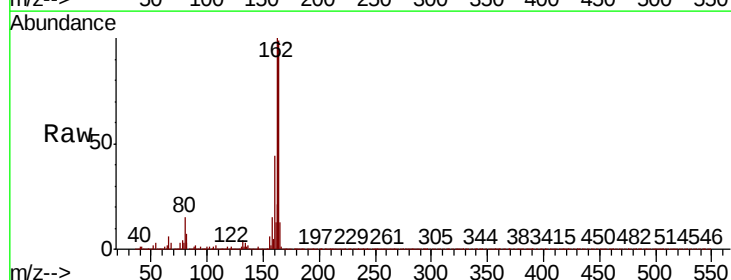
Tgt Ion:164 Resp: 568963

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

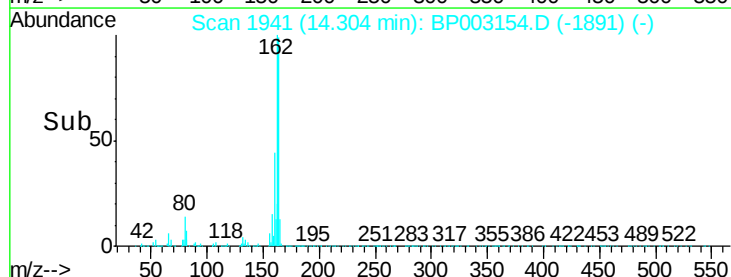
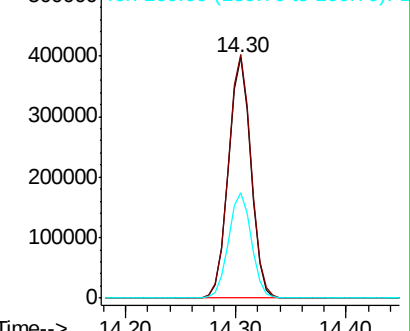
160 44.0 36.0 54.0

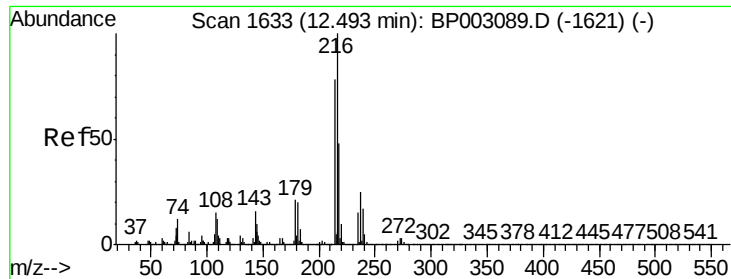


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





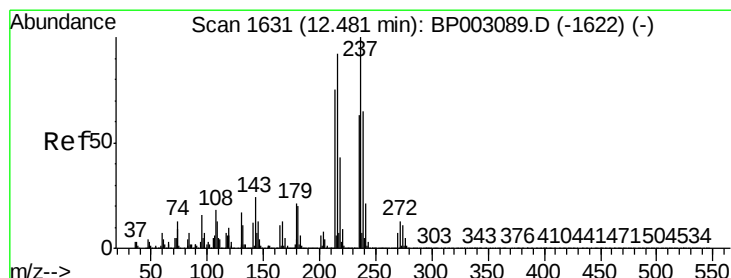
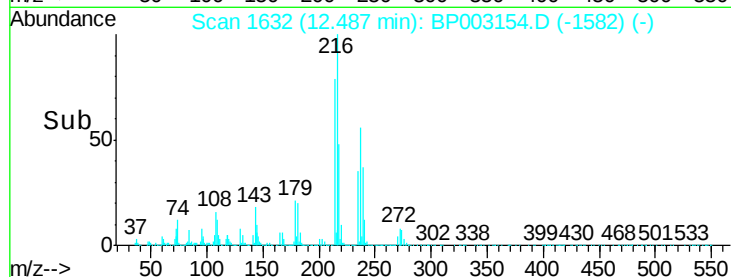
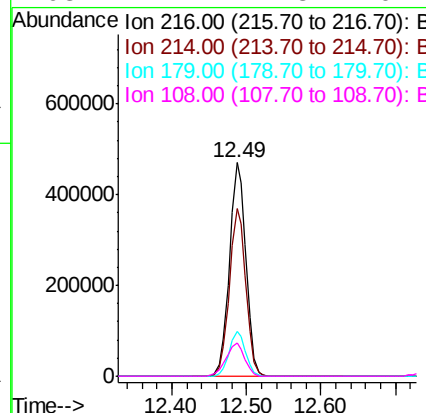
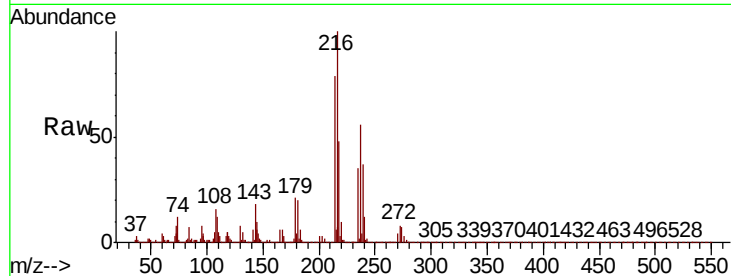
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.906 ng
 RT: 12.49 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.3	62.4	93.6		
179	21.0	16.9	25.3		
108	17.4	12.8	19.2		

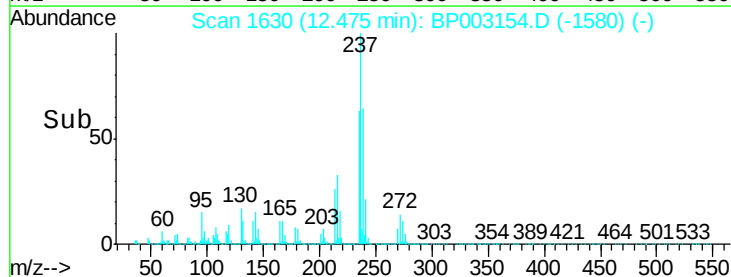
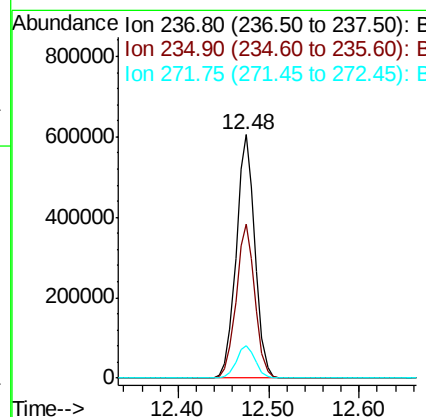
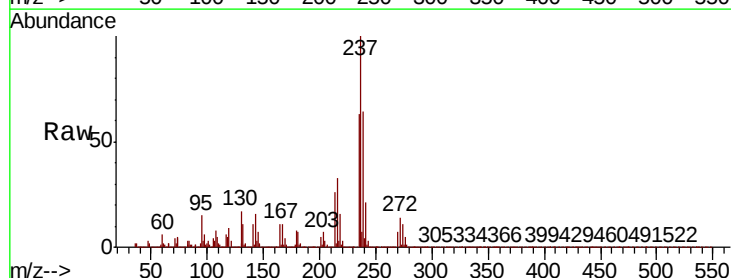
Manual Integrations
 APPROVED

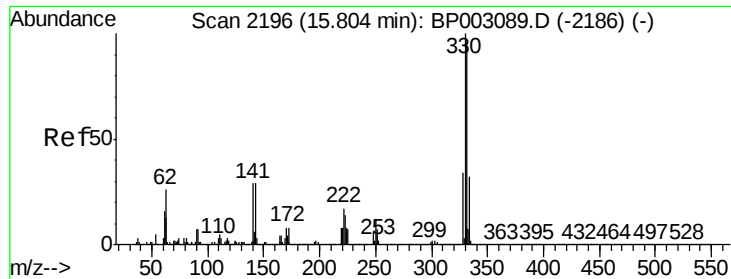
mohammad
 8/31/2020 10:28:08 AM



#41
 Hexachlorocyclopentadiene
 Concen: 109.202 ng
 RT: 12.48 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.0	43.0	83.0		
272	13.6	0.0	33.2		





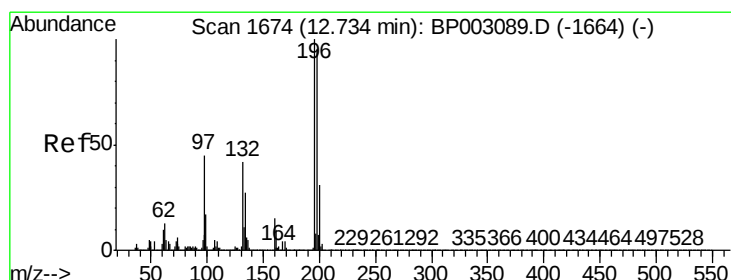
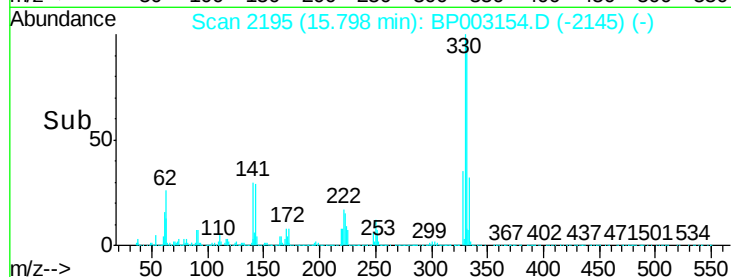
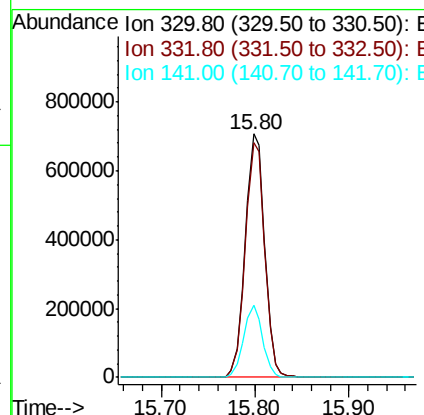
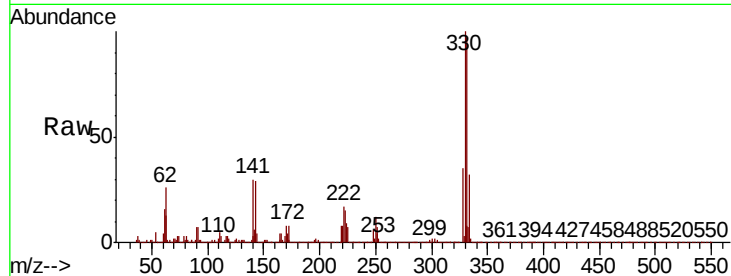
#42
 2,4,6-Tribromophenol
 Concen: 131.894 ng
 RT: 15.80 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	29.0	24.4	36.6

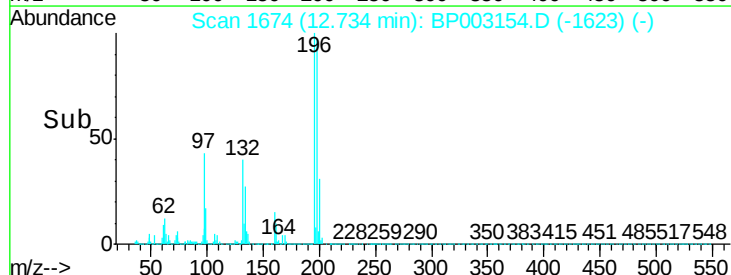
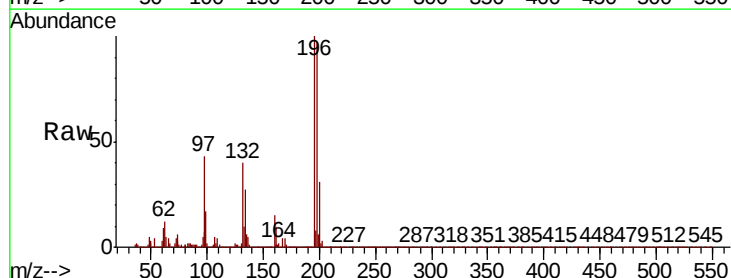
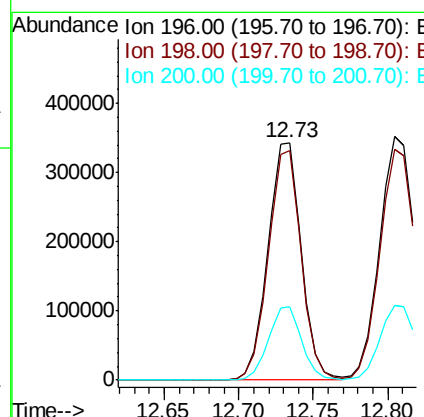
Manual Integrations
 APPROVED

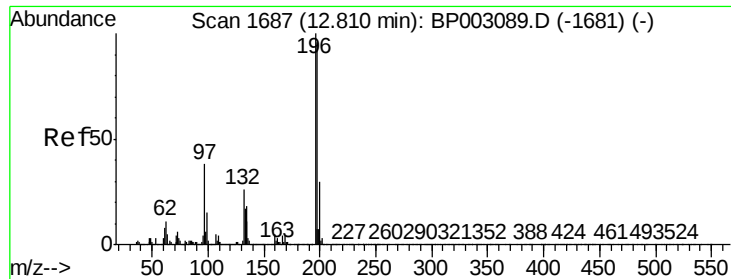
mohammad
 8/31/2020 10:28:08 AM



#43
 2,4,6-Trichlorophenol
 Concen: 47.735 ng
 RT: 12.73 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.8	113.6
200	31.0	24.6	37.0





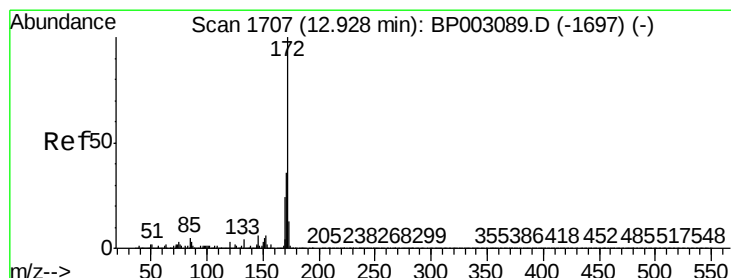
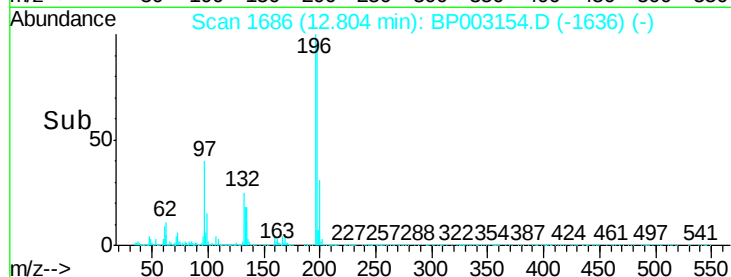
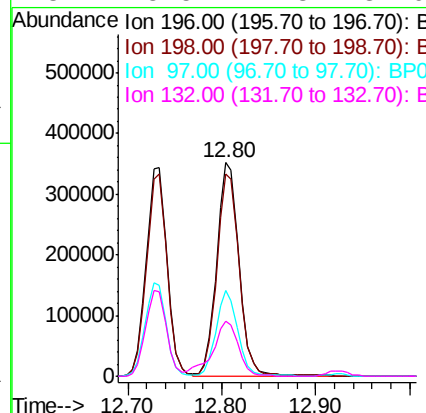
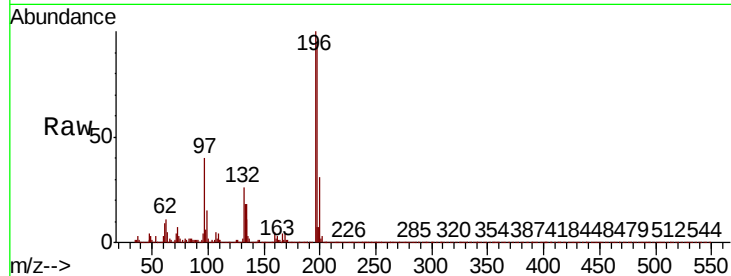
#44
2,4,5-Trichlorophenol
Concen: 49.842 ng
RT: 12.80 min Scan# 1686
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	584587		
198	94.8	76.6	115.0	
97	40.2	30.3	45.5	
132	25.5	21.3	31.9	

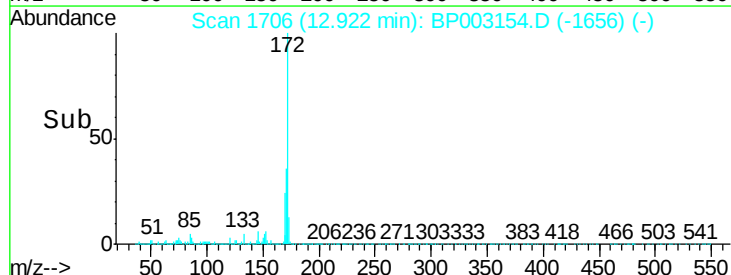
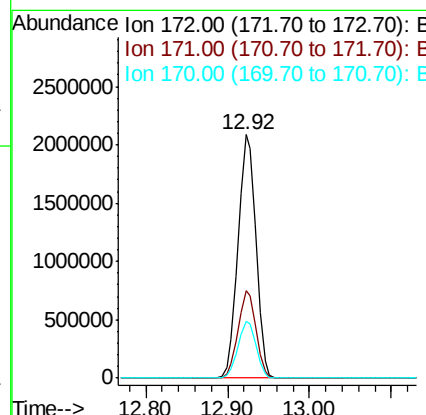
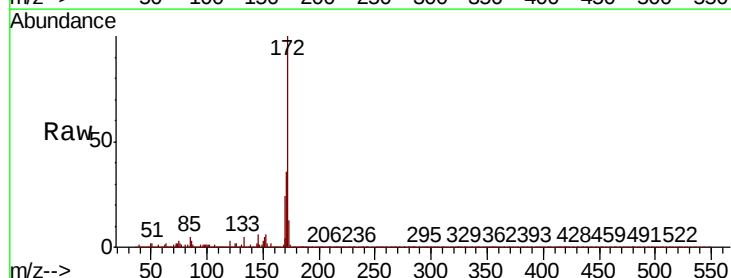
Manual Integrations
APPROVED

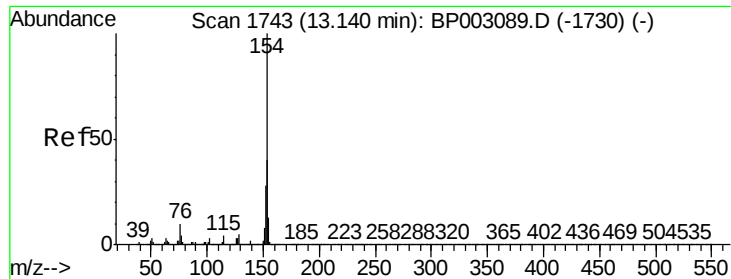
mohammad
8/31/2020 10:28:08 AM



#45
2-Fluorobiphenyl
Concen: 82.205 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3193789		
171	35.7	28.7	43.1	
170	23.6	19.0	28.4	





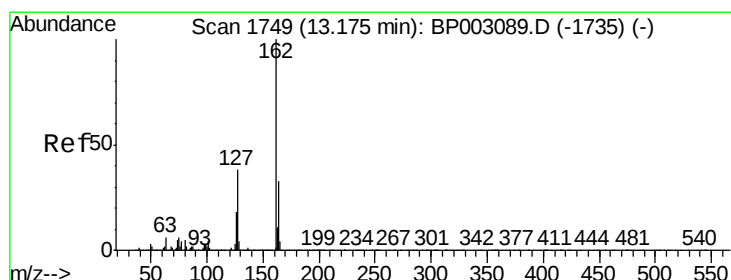
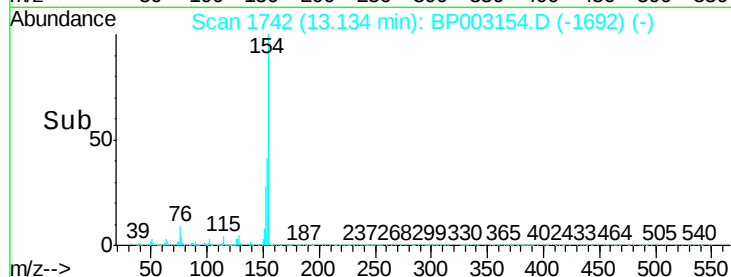
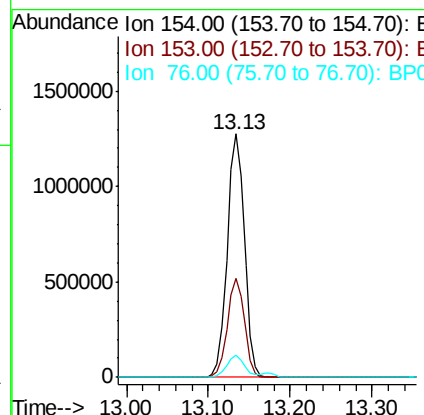
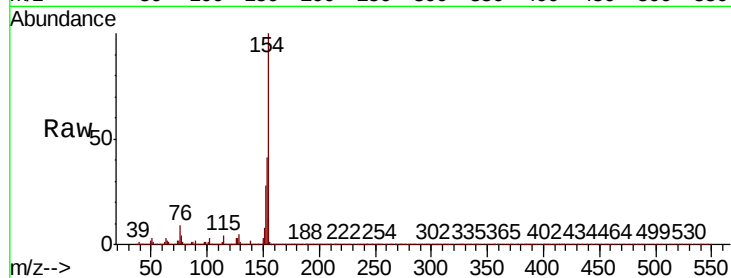
#46
 1,1'-Biphenyl
 Concen: 43.547 ng
 RT: 13.13 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.3	60.3
76	9.0	0.0	29.7

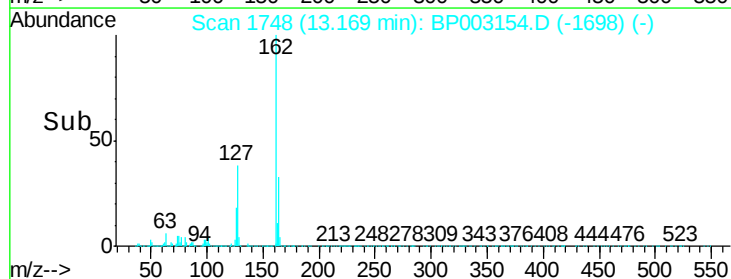
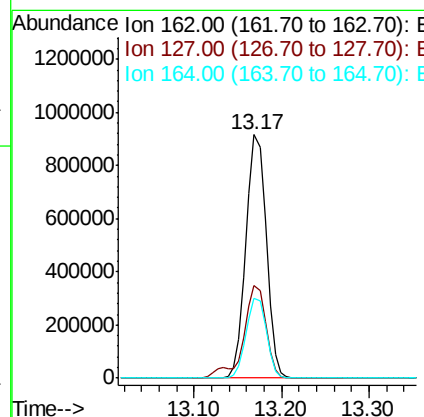
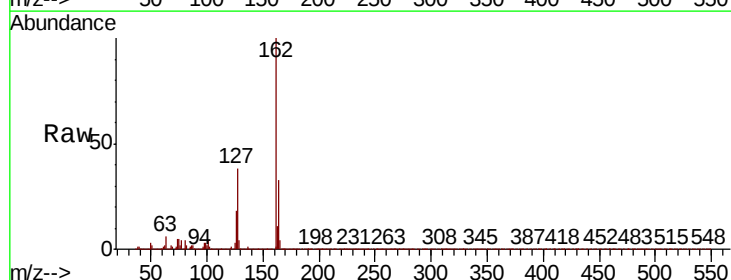
Manual Integrations
 APPROVED

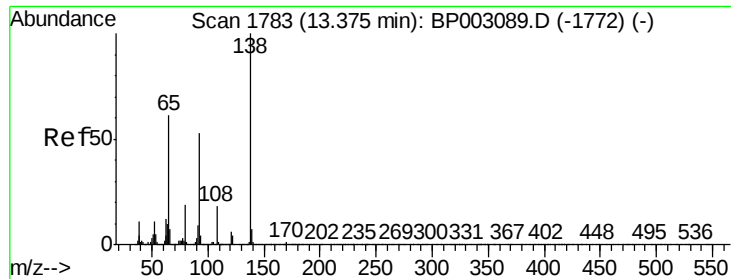
mohammad
 8/31/2020 10:28:08 AM



#47
 2-Chloronaphthalene
 Concen: 40.833 ng
 RT: 13.17 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.6	45.8
164	32.9	26.3	39.5





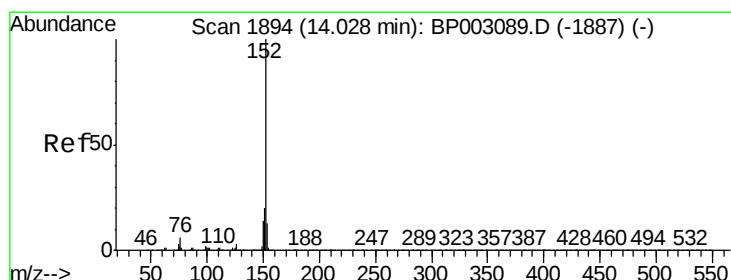
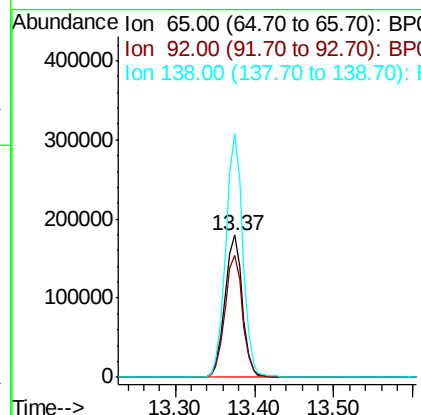
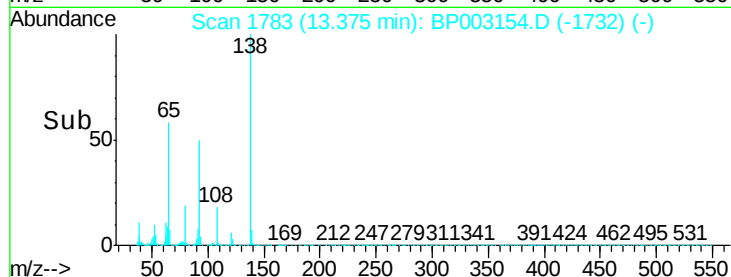
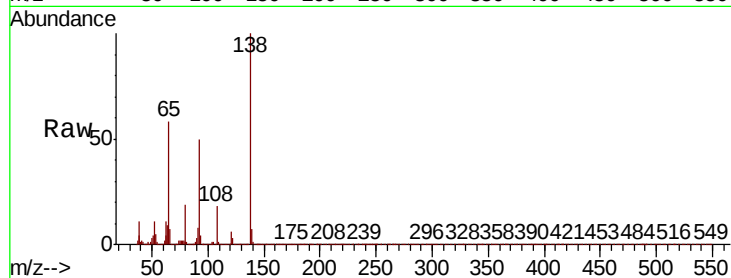
#48
2-Nitroaniline
Concen: 42.007 ng
RT: 13.37 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	85.8	70.2	105.4
138	171.6	131.7	197.5

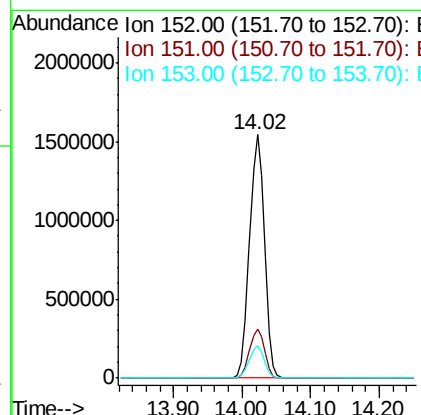
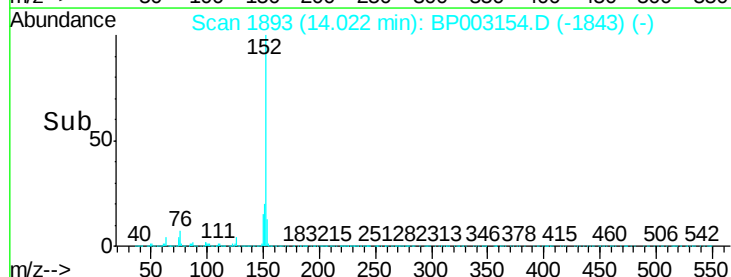
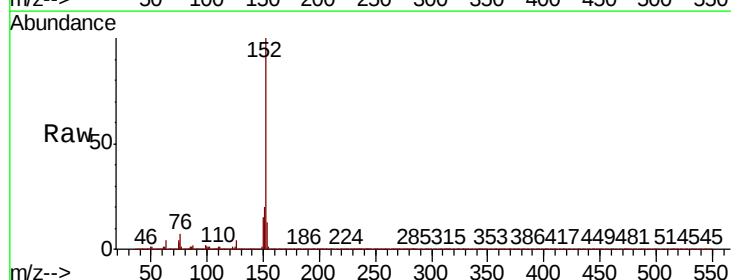
Manual Integrations
APPROVED

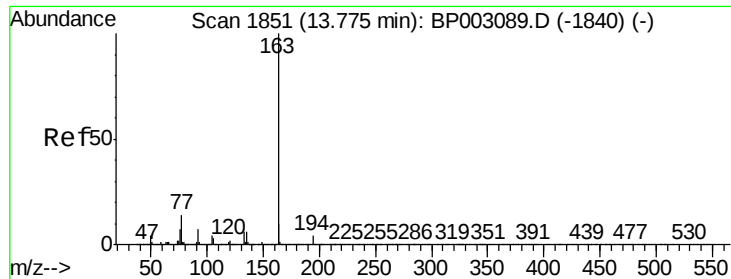
mohammad
8/31/2020 10:28:08 AM



#49
Acenaphthylene
Concen: 44.401 ng
RT: 14.02 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.2	10.5	15.7





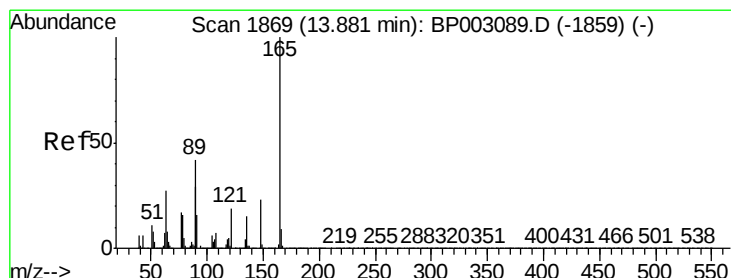
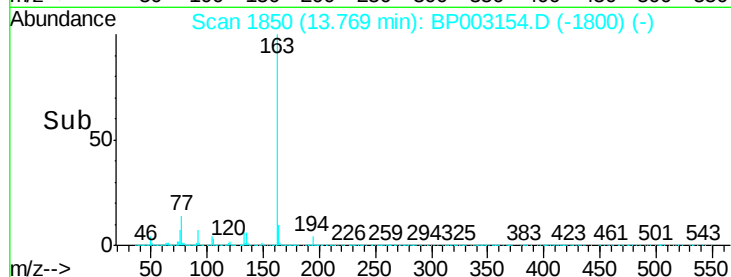
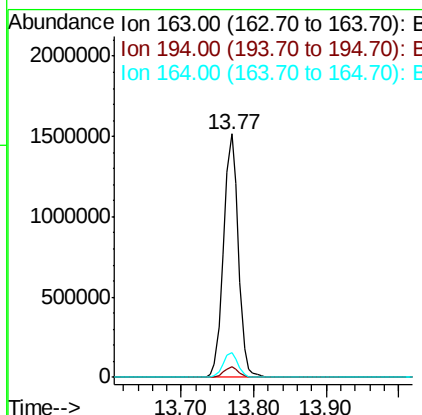
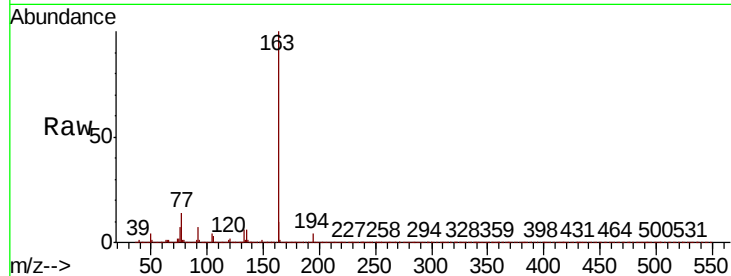
#50
Dimethylphthalate
Concen: 49.384 ng
RT: 13.77 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.1	12.1

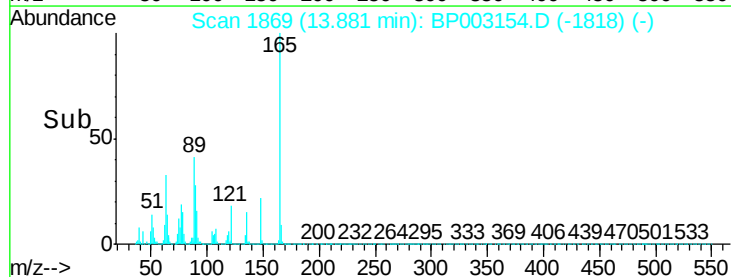
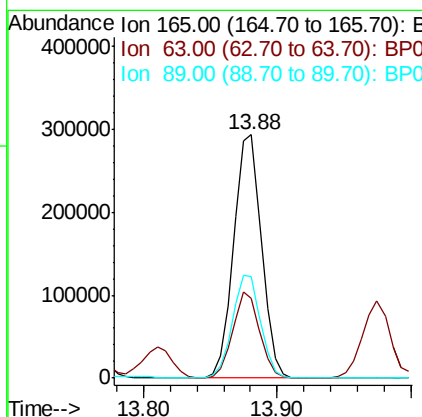
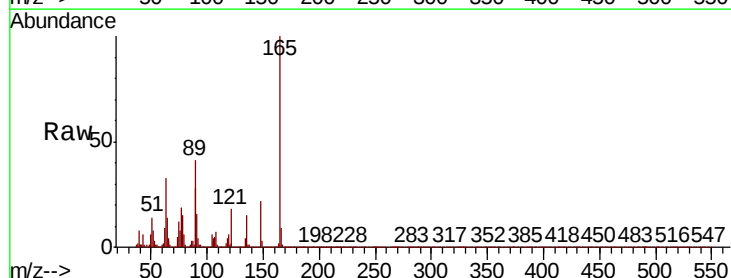
Manual Integrations
APPROVED

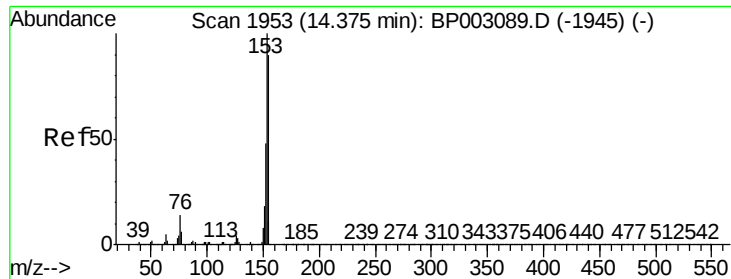
mohammad
8/31/2020 10:28:08 AM



#51
2,6-Dinitrotoluene
Concen: 47.284 ng
RT: 13.88 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.7	27.5	41.3
89	41.4	33.6	50.4





#52

Acenaphthene

Concen: 42.545 ng

RT: 14.37 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Instrument :

BNA_P

ClientSampleId :

HR-06-082620MSD

Tot Ion:154 Resp: 1380663

Ion Ratio Lower Upper

154 100

153 112.4 89.2 133.8

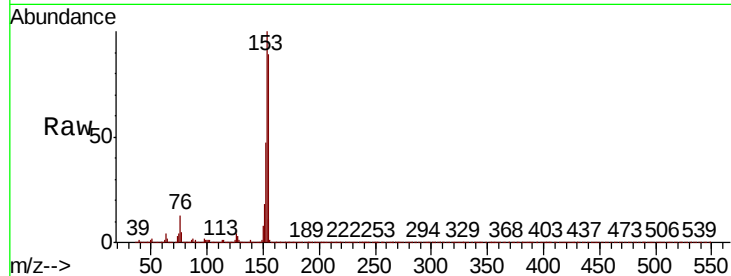
152 53.3 42.5 63.7

Manual Integrations

APPROVED

mohammad

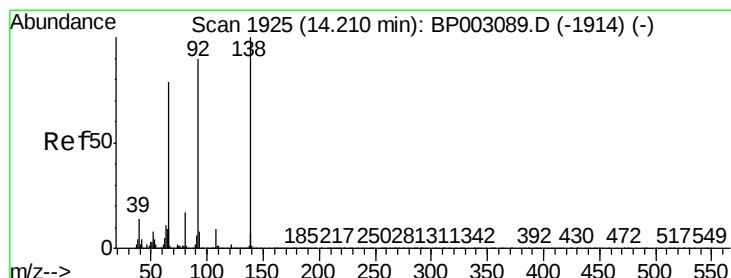
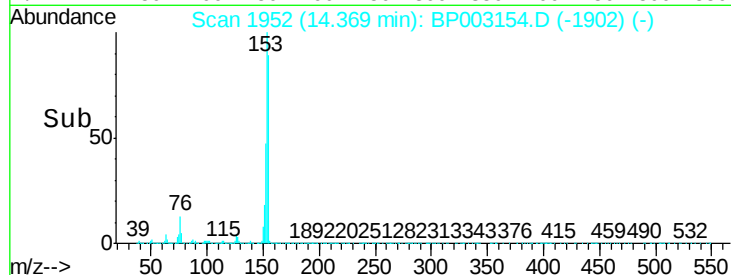
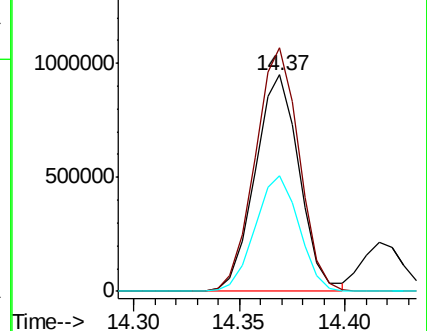
8/31/2020 10:28:08 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 4.342 ng

RT: 14.20 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

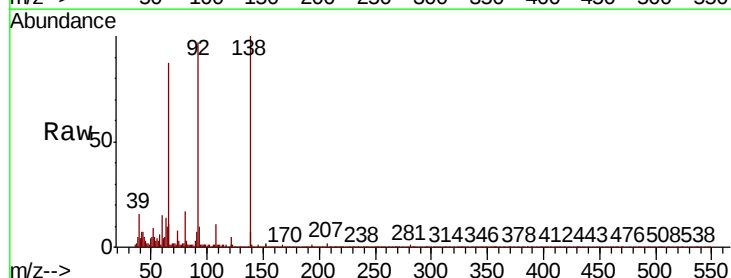
Tgt Ion:138 Resp: 44358

Ion Ratio Lower Upper

138 100

108 10.7 7.4 11.0

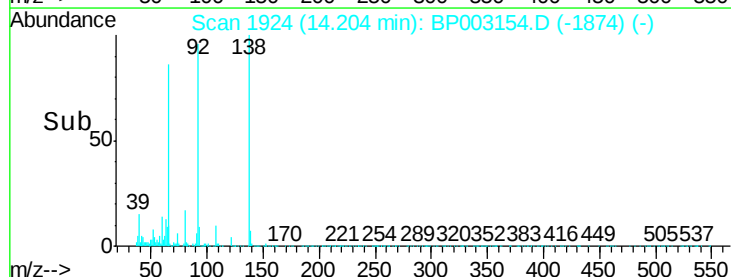
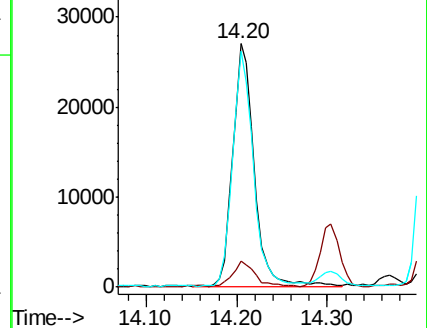
92 97.0 72.2 108.2

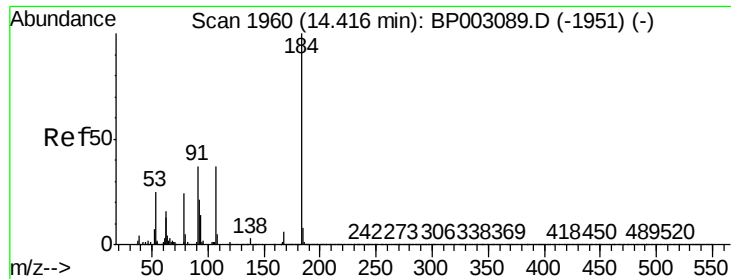


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0





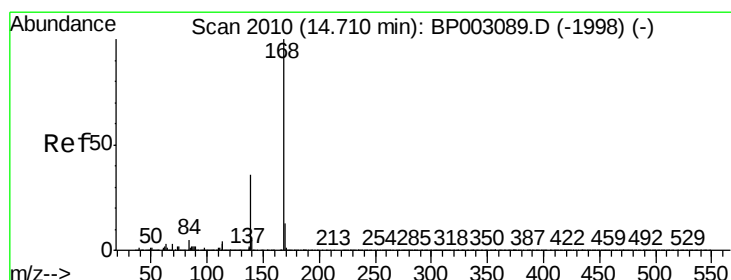
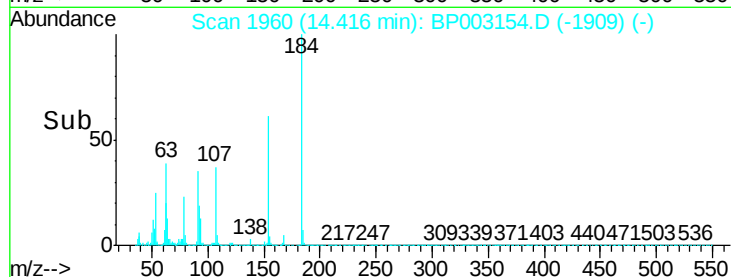
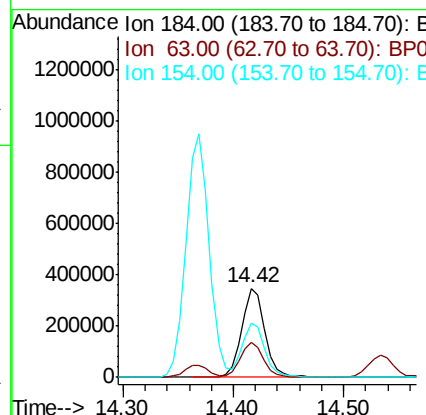
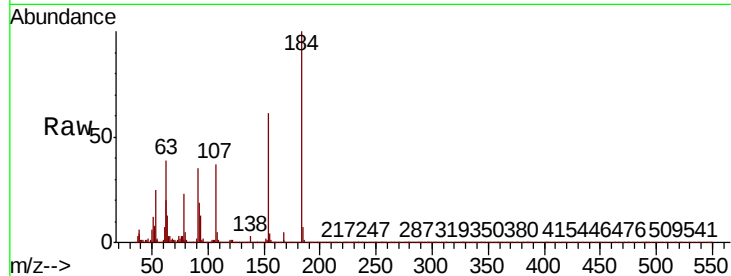
#54
2,4-Dinitrophenol
Concen: 101.651 ng
RT: 14.42 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	512186		
63	39.5	32.0	48.0	
154	61.3	48.2	72.2	

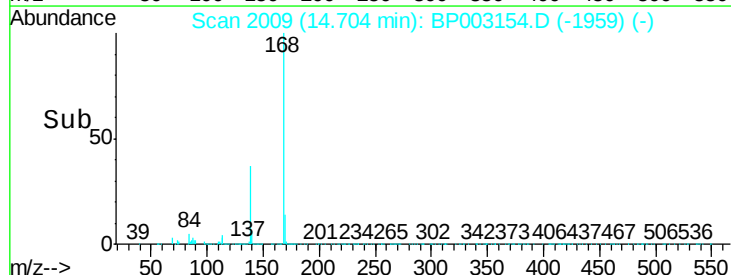
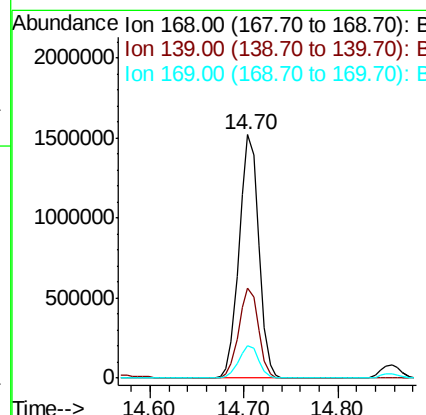
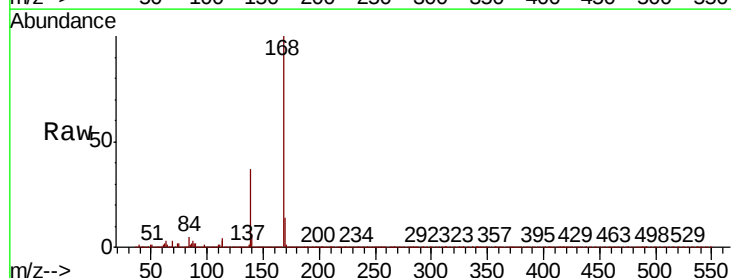
Manual Integrations
APPROVED

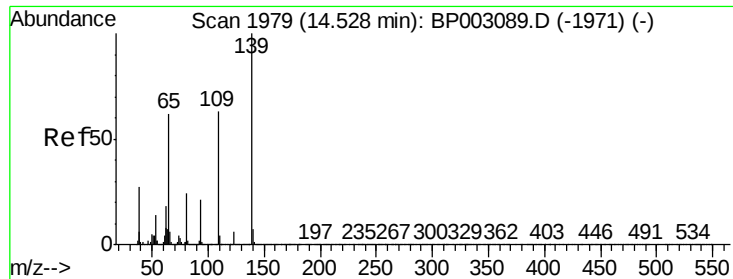
mohammad
8/31/2020 10:28:08 AM



#55
Dibenzofuran
Concen: 43.210 ng
RT: 14.70 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2202224		
139	36.9	29.3	43.9	
169	13.5	10.6	15.8	





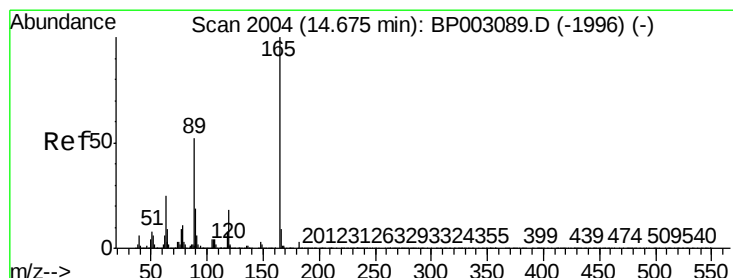
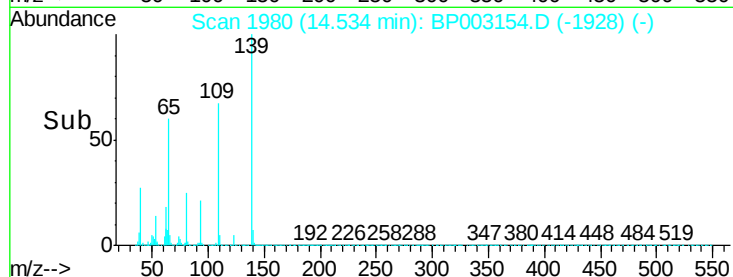
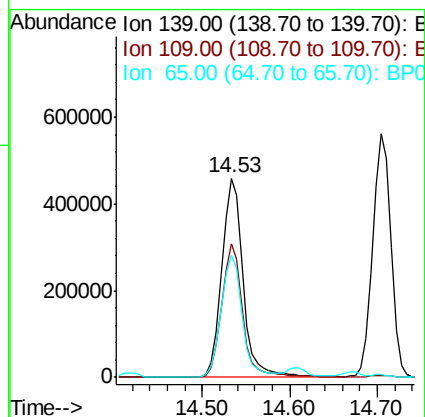
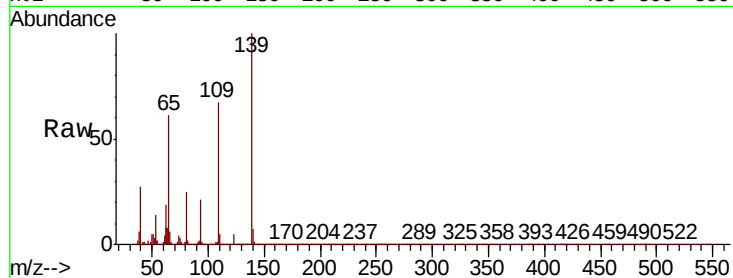
#56
4-Nitrophenol
Concen: 106.601 ng
RT: 14.53 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
139	100		783540		
109	66.9	42.8	82.8		
65	61.0	41.7	81.7		

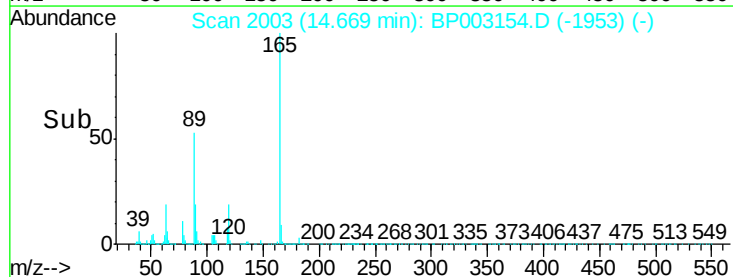
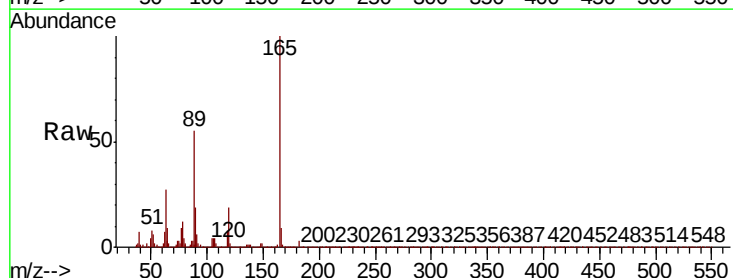
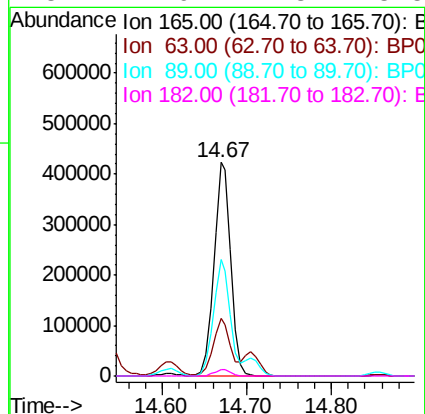
Manual Integrations
APPROVED

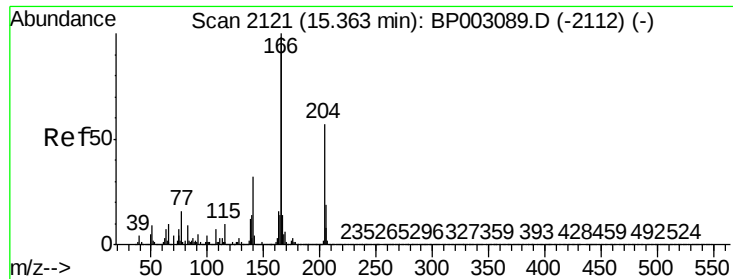
mohammad
8/31/2020 10:28:08 AM



#57
2,4-Dinitrotoluene
Concen: 48.874 ng
RT: 14.67 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		592587		
63	27.0	20.3	30.5		
89	54.6	42.0	63.0		
182	2.9	2.3	3.5		





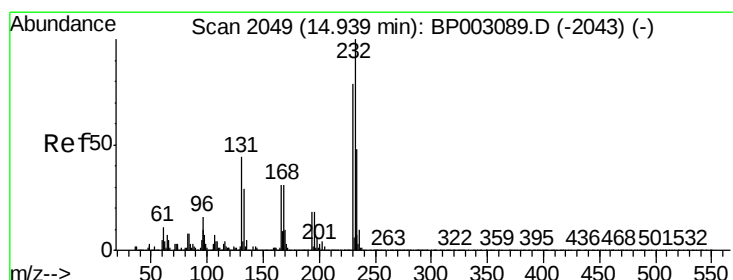
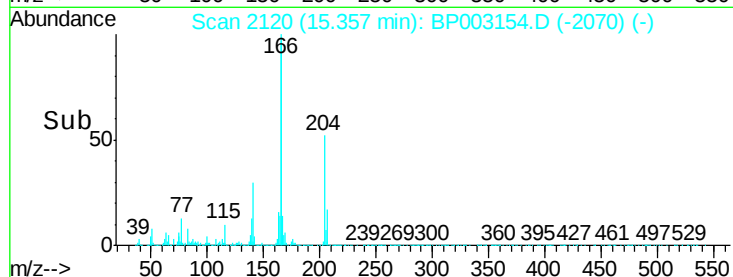
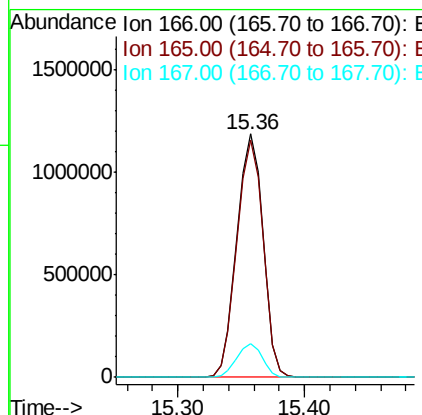
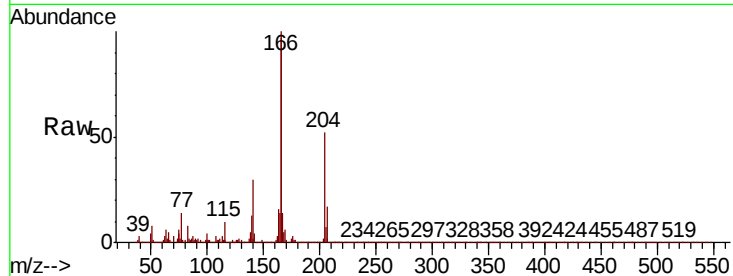
#58
 Fluorene
 Concen: 43.278 ng
 RT: 15.36 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.3	117.5
167	13.6	11.0	16.4

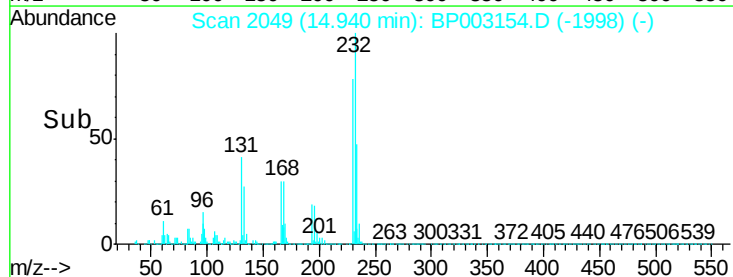
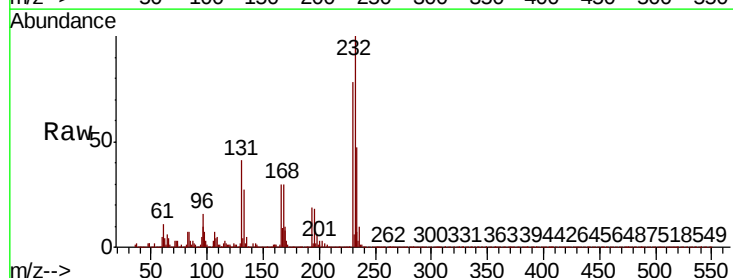
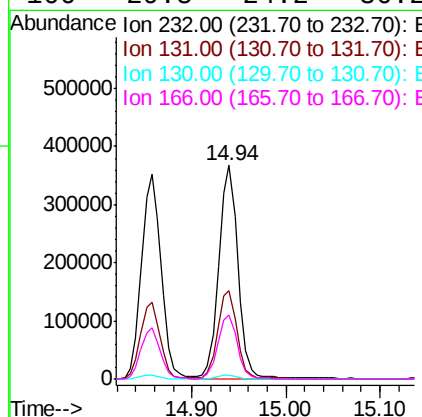
Manual Integrations
 APPROVED

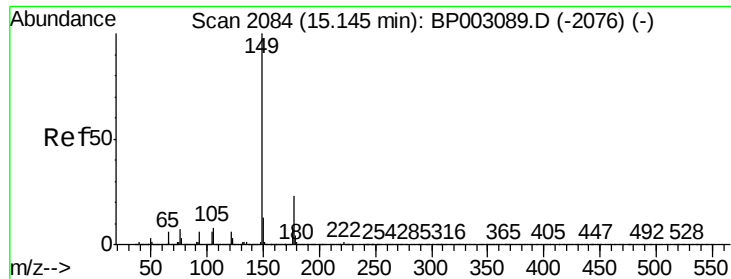
mohammad
 8/31/2020 10:28:08 AM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.577 ng
 RT: 14.94 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.8	34.3	51.5
130	2.1	1.8	2.6
166	29.8	24.2	36.2





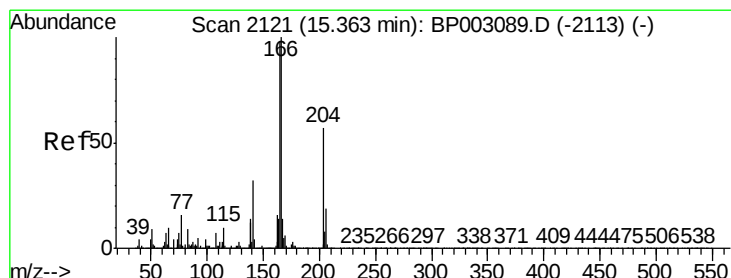
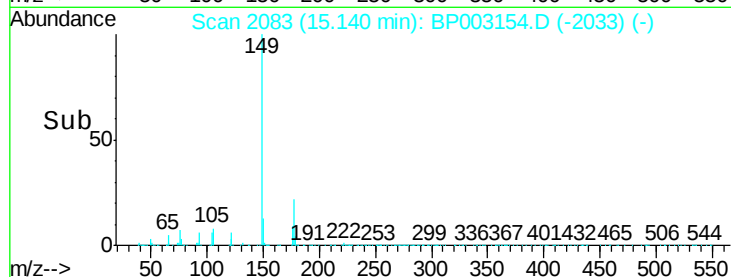
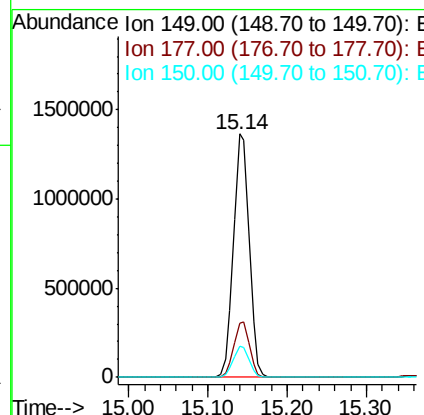
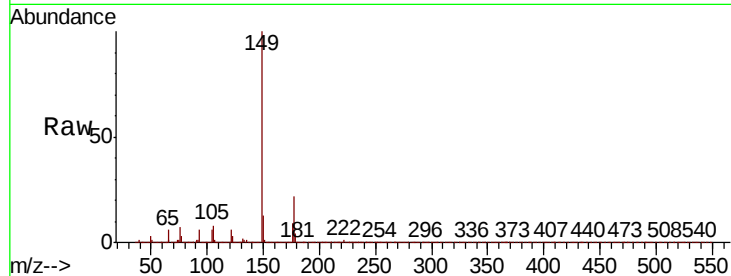
#60
Diethylphthalate
Concen: 44.167 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.1	27.1
150	12.8	10.2	15.4

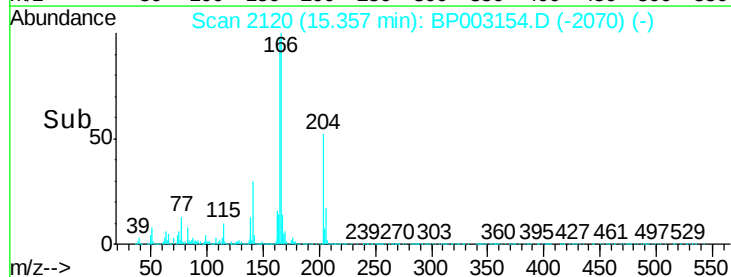
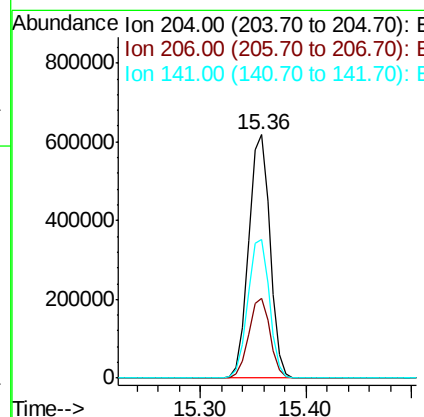
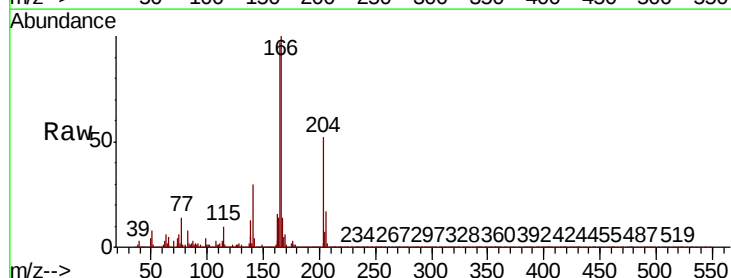
Manual Integrations
APPROVED

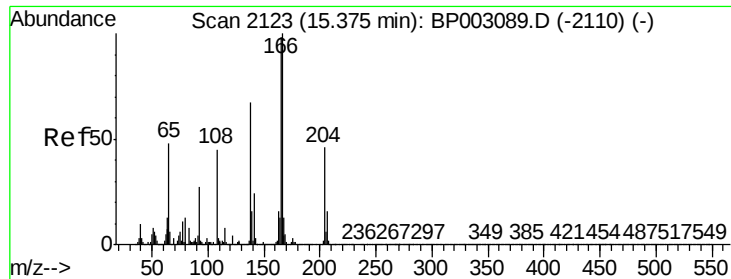
mohammad
8/31/2020 10:28:08 AM



#61
4-Chlorophenyl-phenylether
Concen: 42.520 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	57.0	45.5	68.3





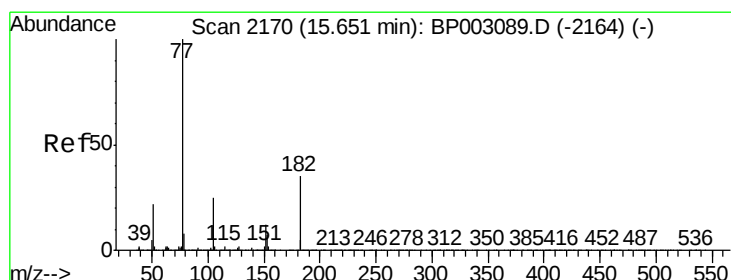
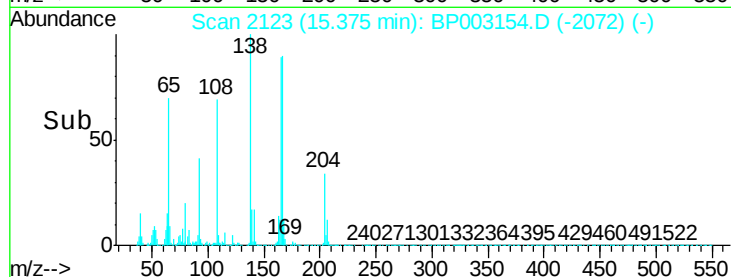
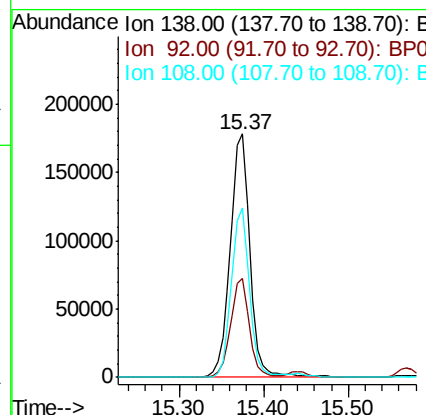
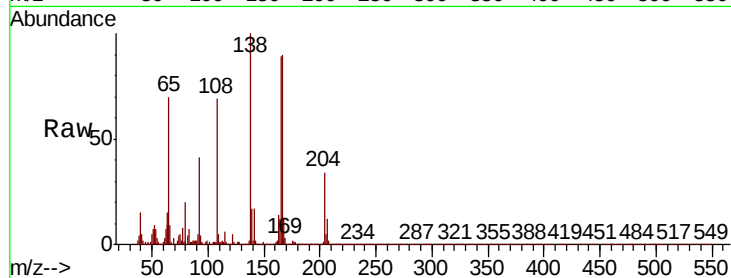
#62
4-Nitroaniline
Concen: 27.148 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	40.9	21.1	61.1	
108	69.4	46.6	86.6	

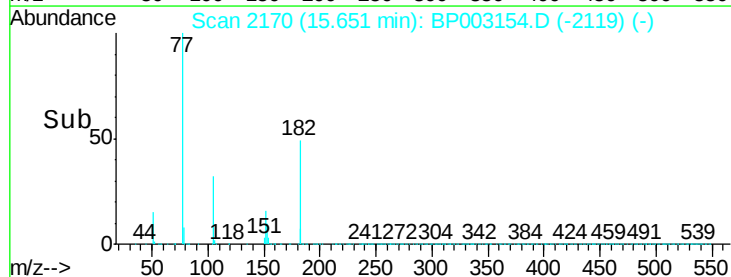
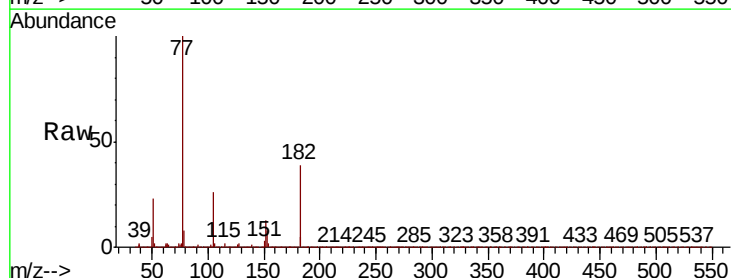
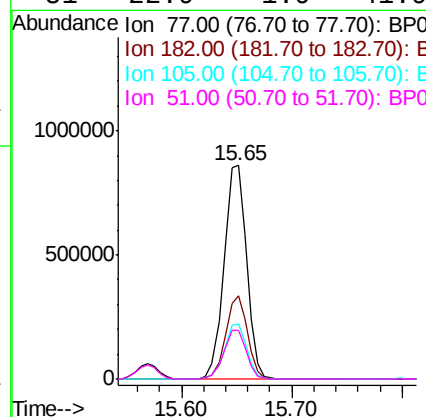
Manual Integrations
APPROVED

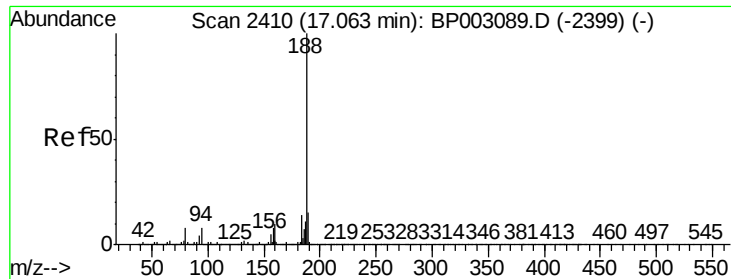
mohammad
8/31/2020 10:28:08 AM



#63
Azobenzene
Concen: 43.350 ng
RT: 15.65 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	39.1	15.4	55.4	
105	25.7	5.1	45.1	
51	22.9	1.9	41.9	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Instrument :

BNA_P

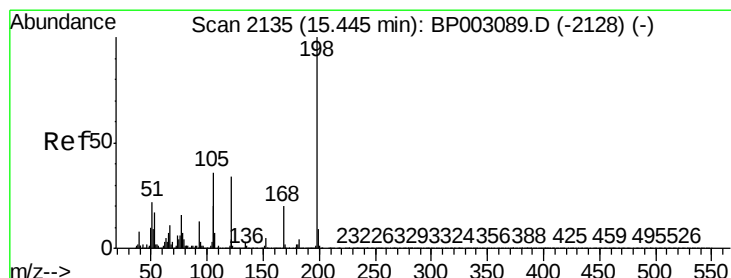
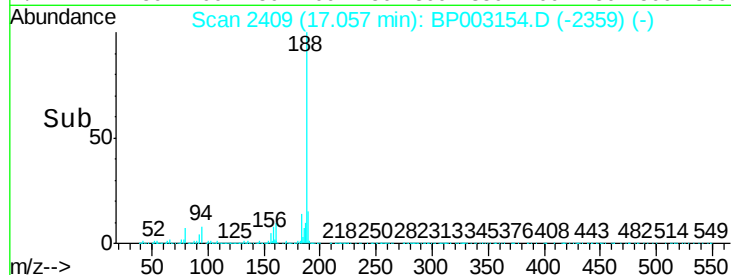
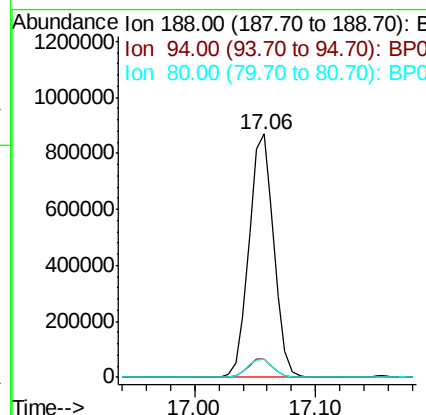
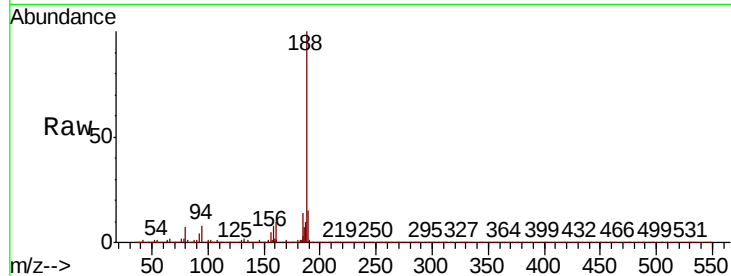
ClientSampleId :

HR-06-082620MSD

Tot Ion:188	Resp: 1243109
Ion Ratio	Lower Upper
188 100	
94 7.5	6.2 9.4
80 7.3	6.4 9.6

Manual Integrations
APPROVED

mohammad
8/31/2020 10:28:08 AM



#65

4,6-Dinitro-2-methylphenol

Concen: 58.042 ng

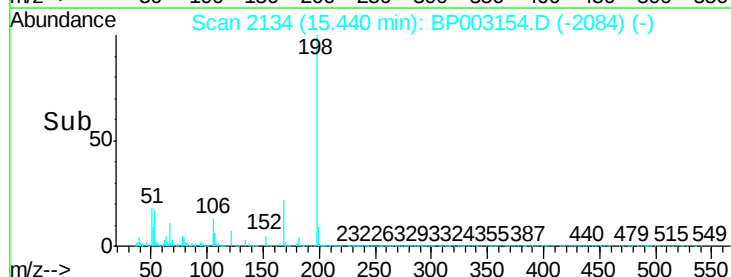
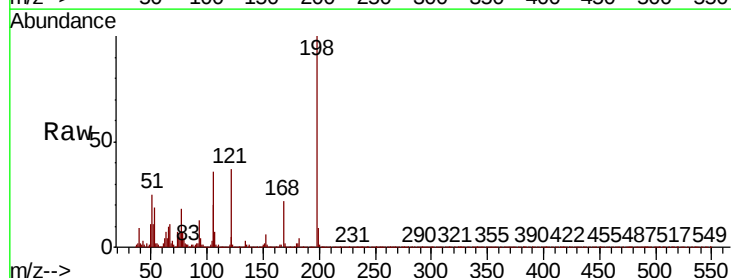
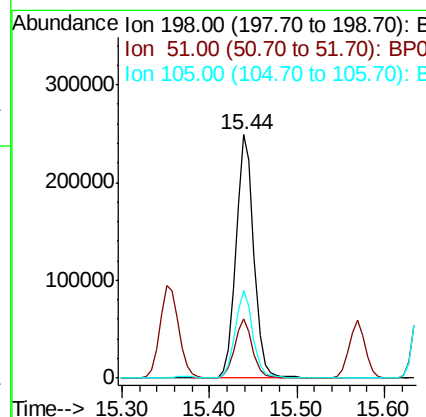
RT: 15.44 min Scan# 2134

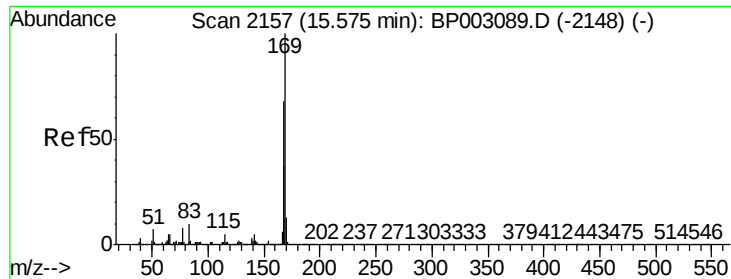
Delta R.T. -0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Tgt Ion:198	Resp: 345062
Ion Ratio	Lower Upper
198 100	
51 24.6	2.4 42.4
105 36.2	16.1 56.1





#66

n-Nitrosodiphenylamine

Concen: 27.925 ng

RT: 15.57 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Instrument :

BNA_P

ClientSampleId :

HR-06-082620MSD

Tot Ion:169 Resp: 1015033

Ion Ratio Lower Upper

169 100

168 66.8 54.2 81.4

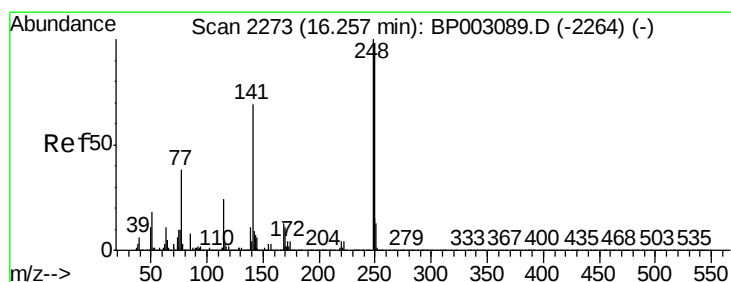
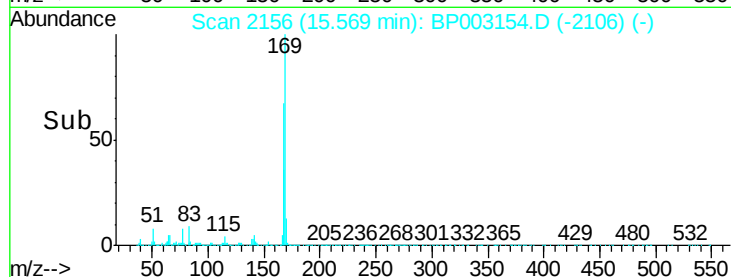
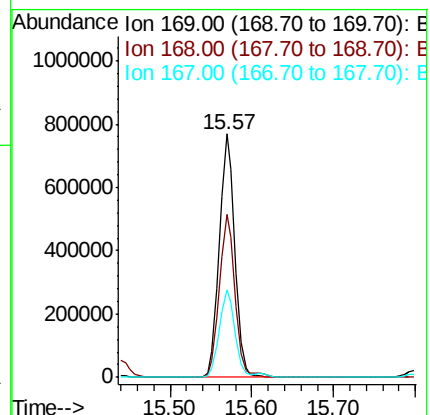
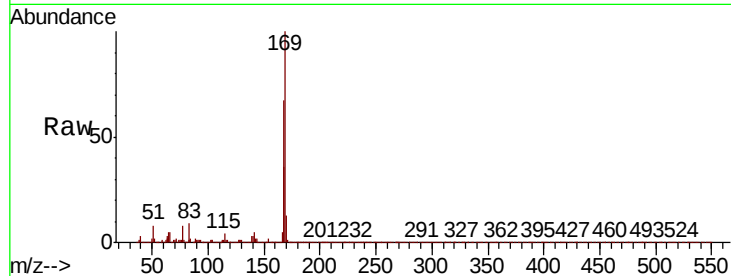
167 36.0 29.4 44.2

Manual Integrations

APPROVED

mohammad

8/31/2020 10:28:08 AM



#67

4-Bromophenyl-phenylether

Concen: 43.066 ng

RT: 16.25 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

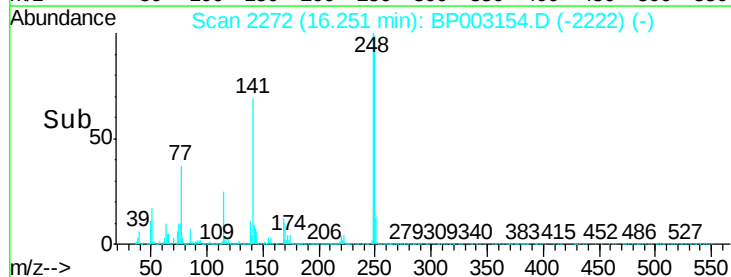
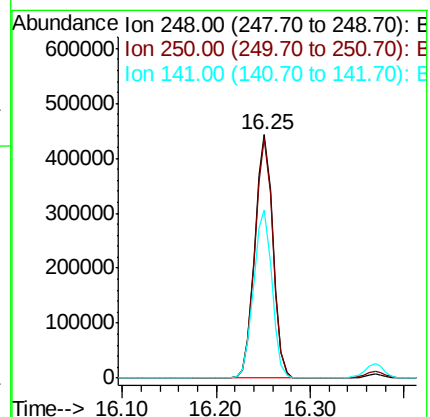
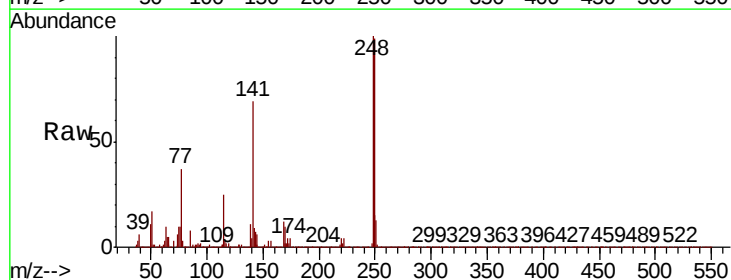
Tgt Ion:248 Resp: 590851

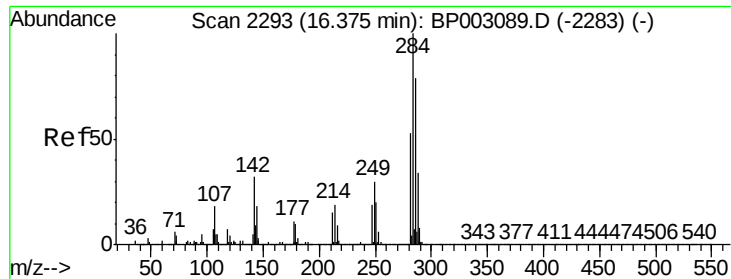
Ion Ratio Lower Upper

248 100

250 98.7 78.3 117.5

141 69.1 54.9 82.3





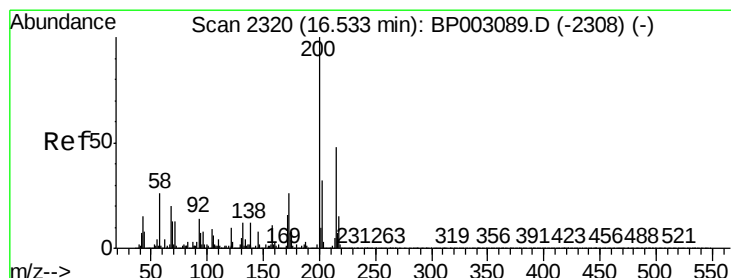
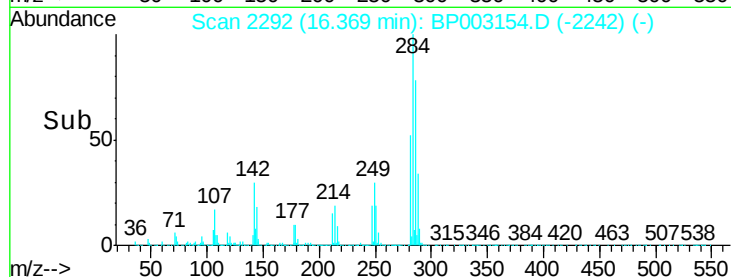
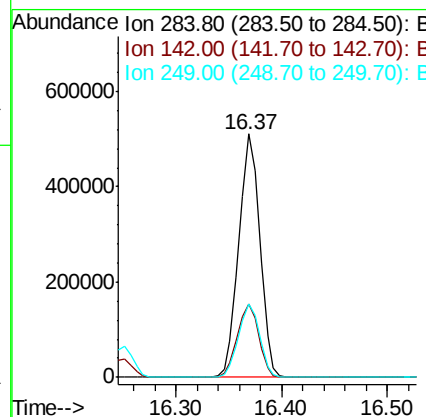
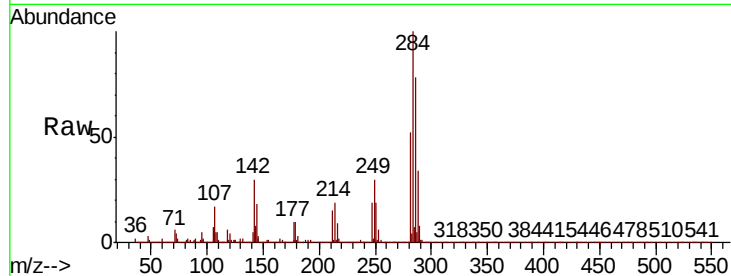
#68
Hexachlorobenzene
Concen: 42.830 ng
RT: 16.37 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
284	100				
142	30.2		25.8	38.6	
249	30.2		24.3	36.5	

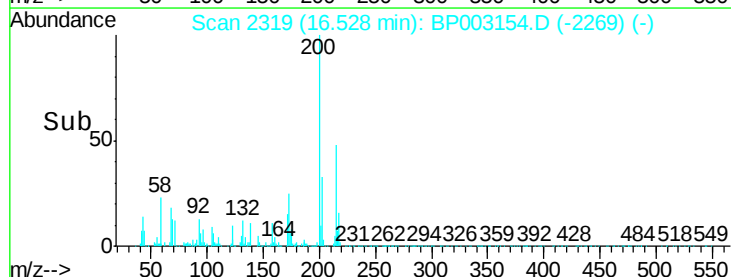
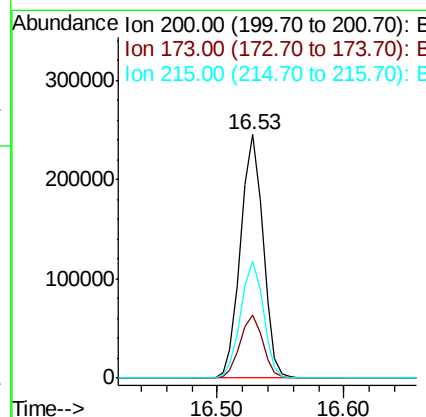
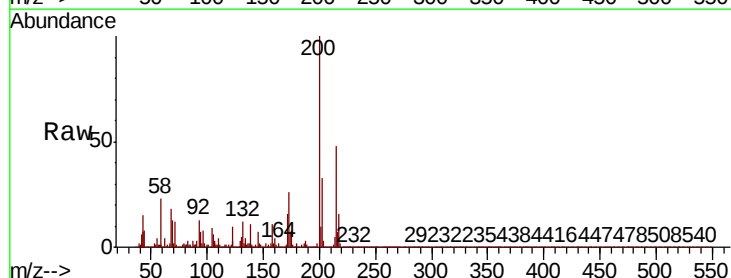
Manual Integrations
APPROVED

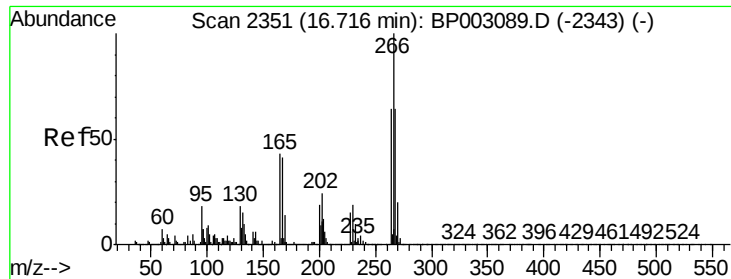
mohammad
8/31/2020 10:28:08 AM



#69
Atrazine
Concen: 24.645 ng
RT: 16.53 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
200	100				
173	26.0		6.3	46.3	
215	48.1		27.9	67.9	





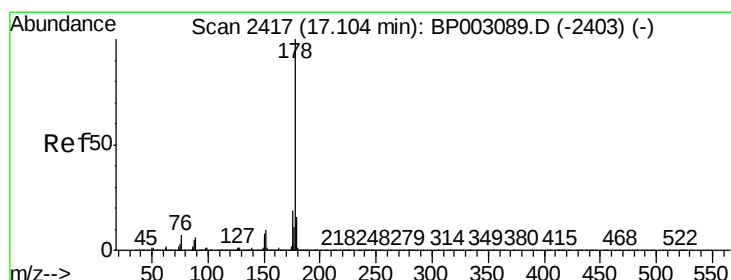
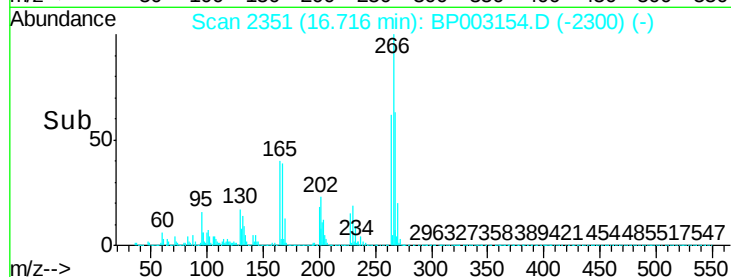
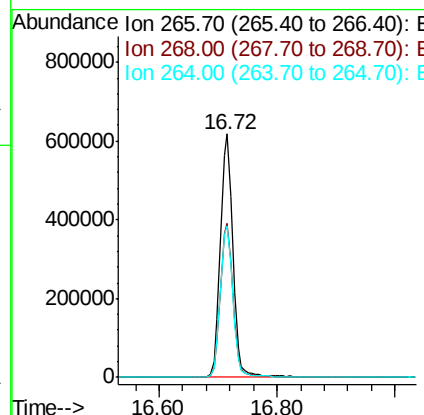
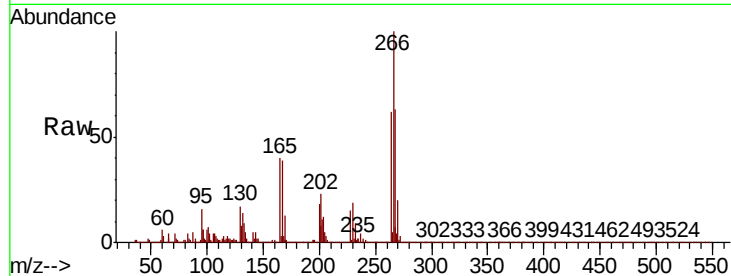
#70
 Pentachlorophenol
 Concen: 118.399 ng
 RT: 16.72 min Scan# 2351
 Delta R.T. 0.00 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.3	76.9
264	62.3	51.0	76.6

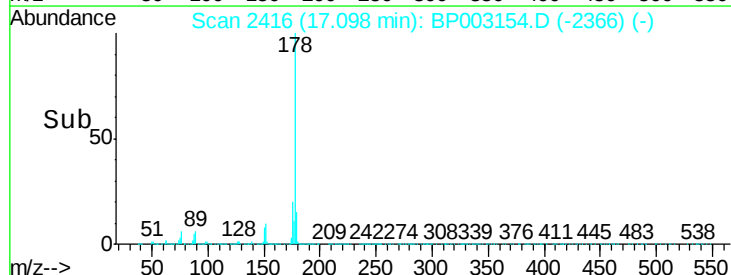
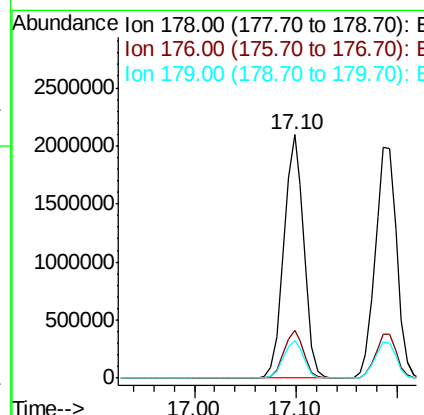
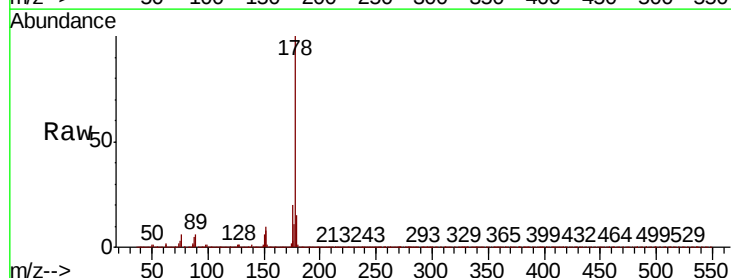
Manual Integrations
 APPROVED

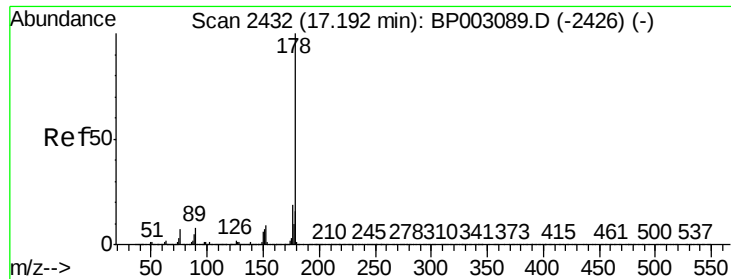
mohammad
 8/31/2020 10:28:08 AM



#71
 Phenanthrene
 Concen: 42.590 ng
 RT: 17.10 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.5	12.4	18.6





#72

Anthracene

Concen: 45.302 ng

RT: 17.19 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Instrument :

BNA_P

ClientSampleId :

HR-06-082620MSD

Tot Ion:178 Resp: 2920461

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

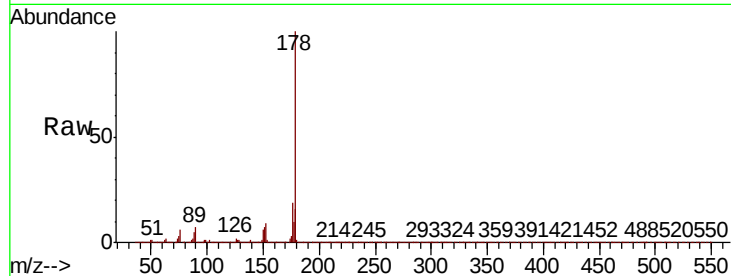
179 15.8 12.6 19.0

Manual Integrations

APPROVED

mohammad

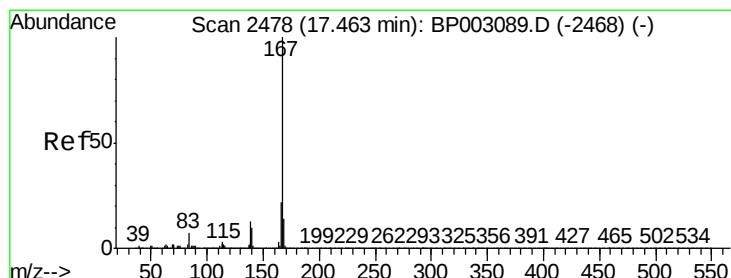
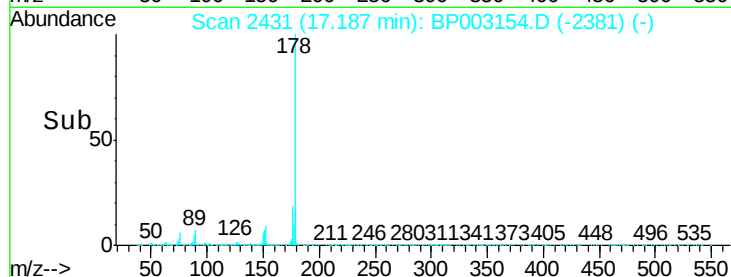
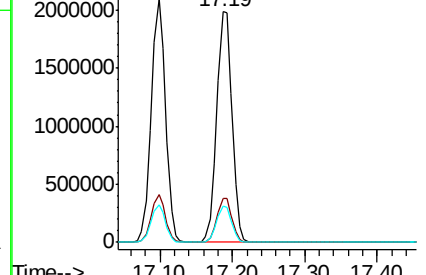
8/31/2020 10:28:08 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 30.248 ng

RT: 17.46 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

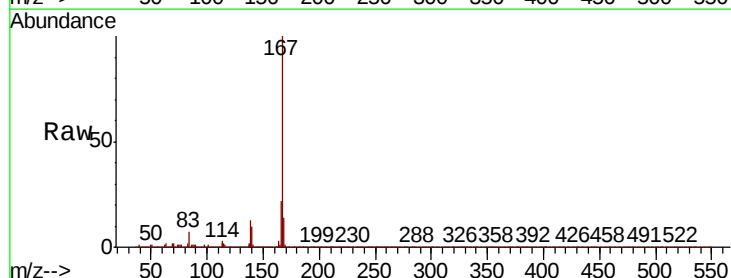
Tgt Ion:167 Resp: 1871475

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

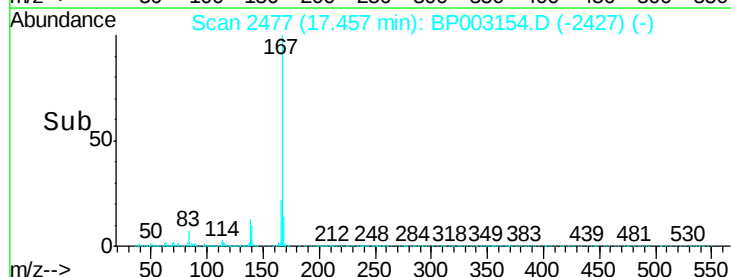
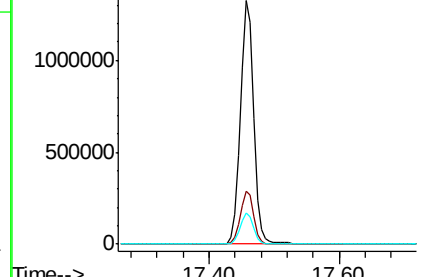
139 12.7 10.3 15.5

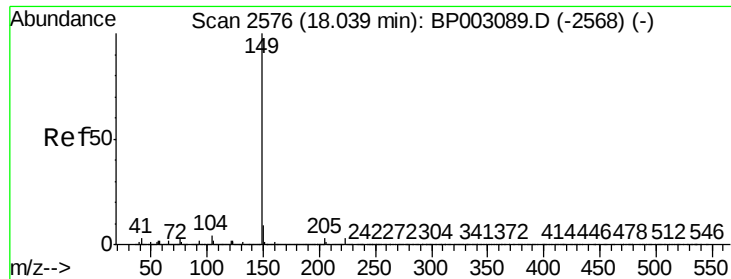


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





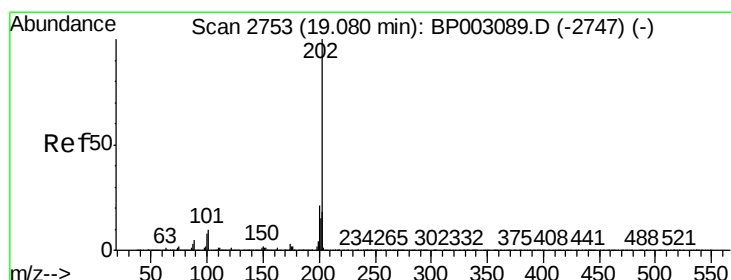
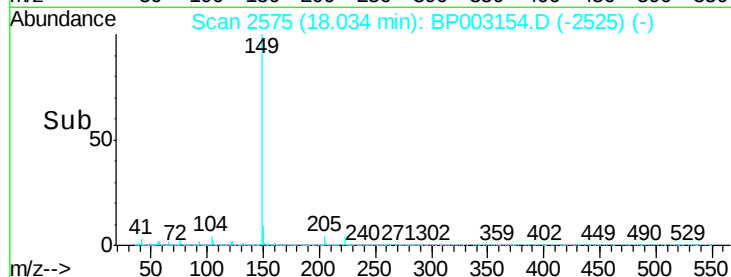
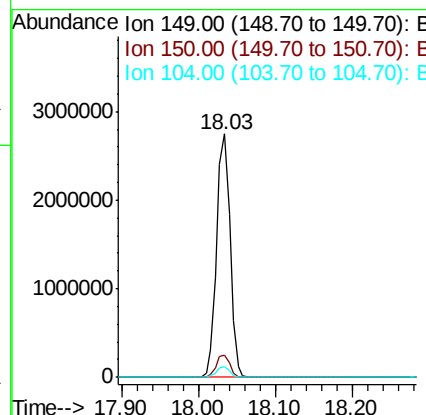
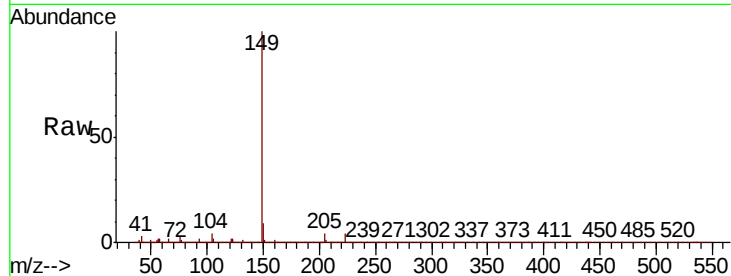
#74
Di-n-butylphthalate
Concen: 45.220 ng
RT: 18.03 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.3	3.3	4.9

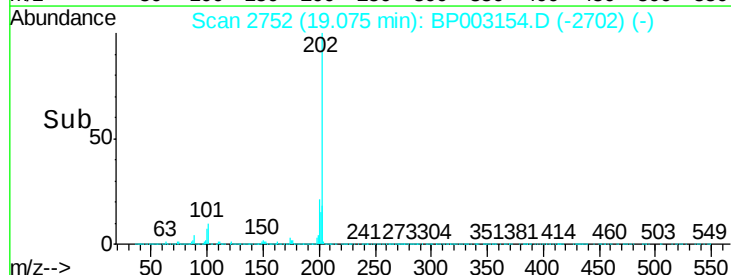
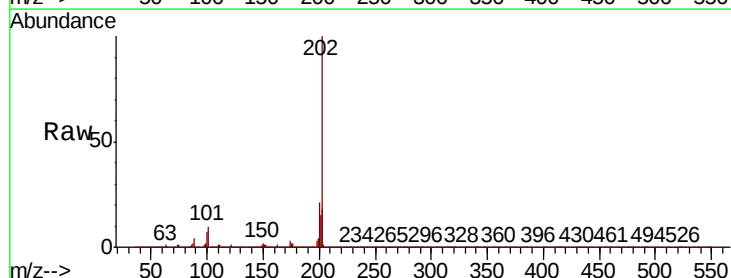
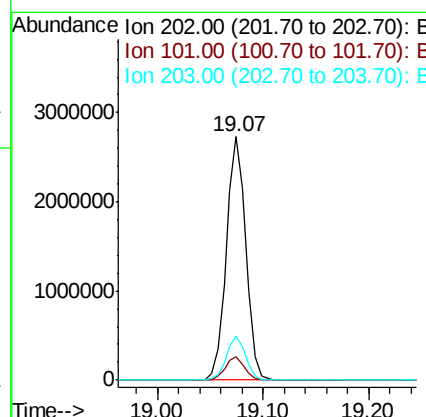
Manual Integrations
APPROVED

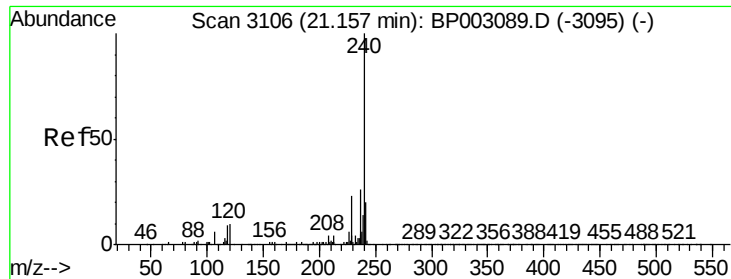
mohammad
8/31/2020 10:28:08 AM



#75
Fluoranthene
Concen: 44.786 ng
RT: 19.07 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.0
203	18.1	0.0	37.7





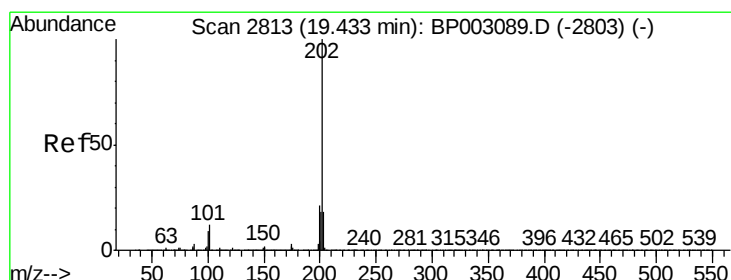
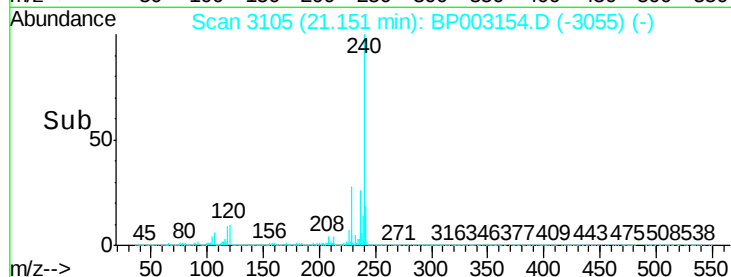
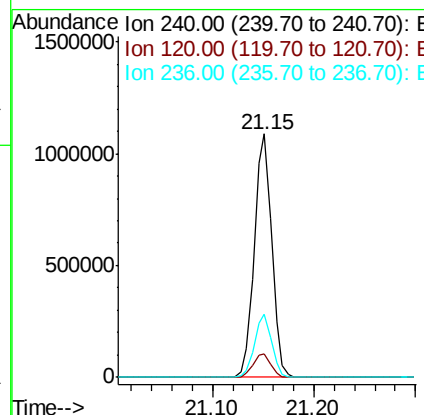
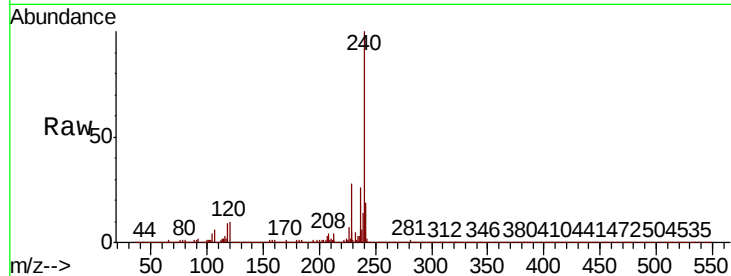
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.4	12.6
236	25.7	20.6	31.0

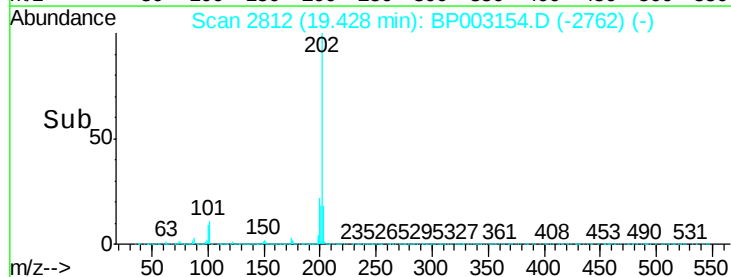
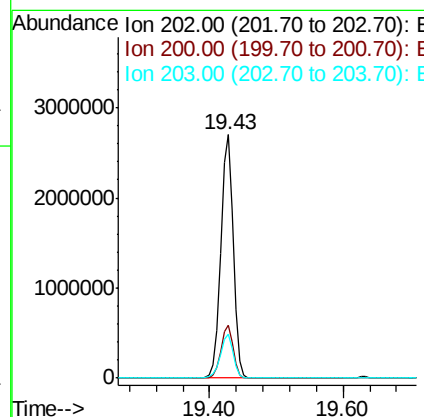
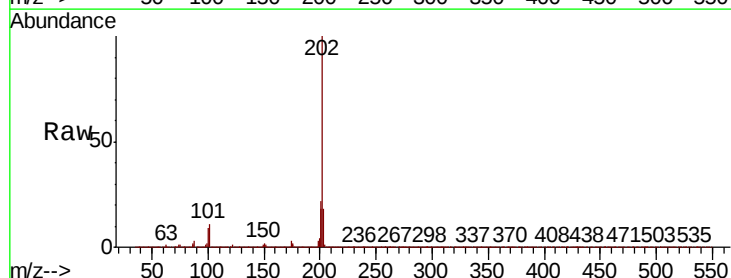
Manual Integrations
APPROVED

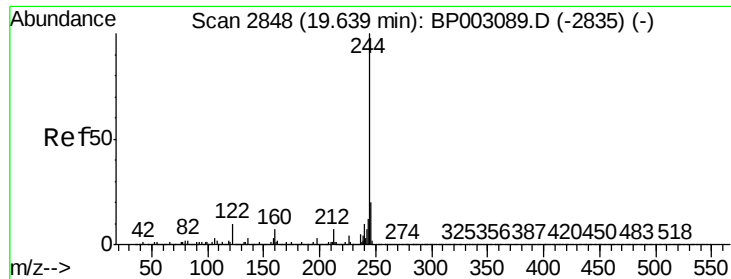
mohammad
8/31/2020 10:28:08 AM



#78
Pyrene
Concen: 42.250 ng
RT: 19.43 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.4
203	18.1	14.0	21.0





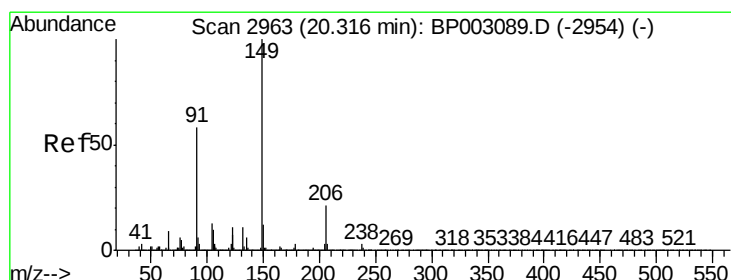
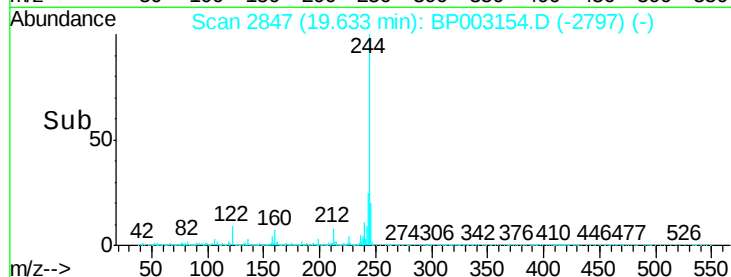
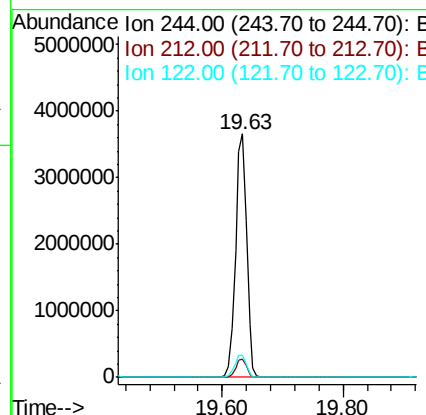
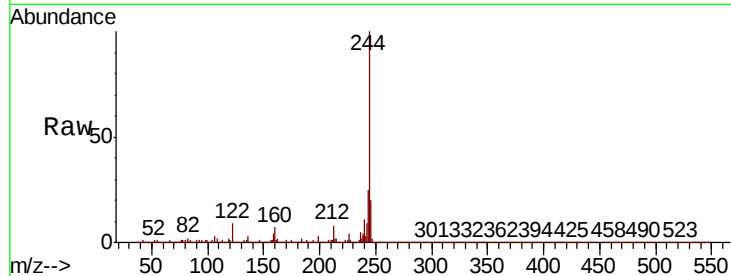
#79
 Terphenyl-d14
 Concen: 79.300 ng
 RT: 19.63 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620MSD

Tot Ion:244 Resp: 4680221
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 9.0 7.7 11.5

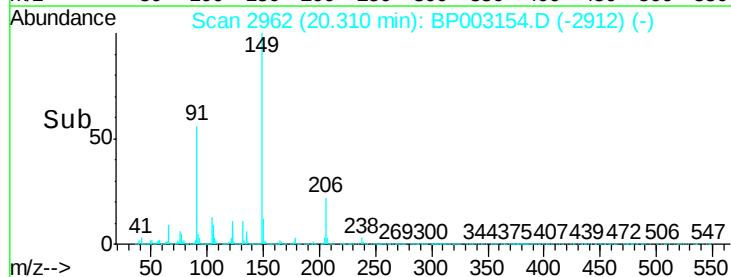
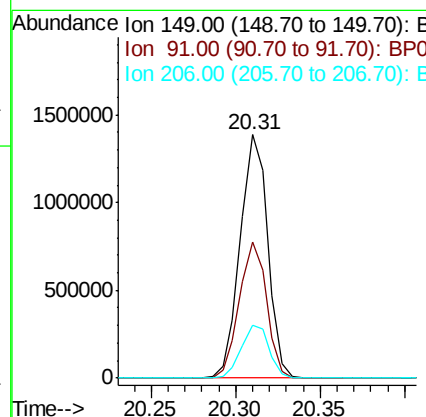
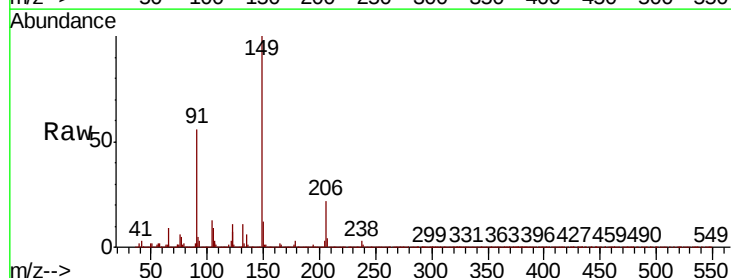
Manual Integrations
 APPROVED

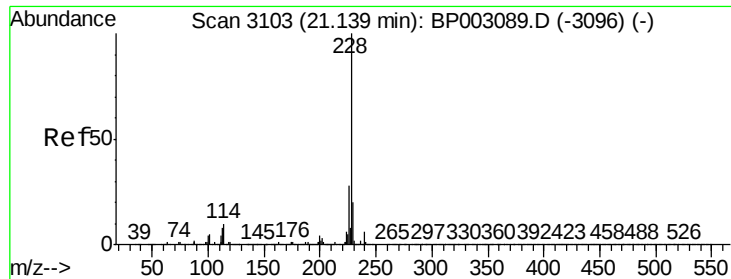
mohammad
 8/31/2020 10:28:08 AM



#80
 Butylbenzylphthalate
 Concen: 45.417 ng
 RT: 20.31 min Scan# 2962
 Delta R.T. -0.01 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Tgt Ion:149 Resp: 1576153
 Ion Ratio Lower Upper
 149 100
 91 55.9 46.8 70.2
 206 22.0 16.8 25.2





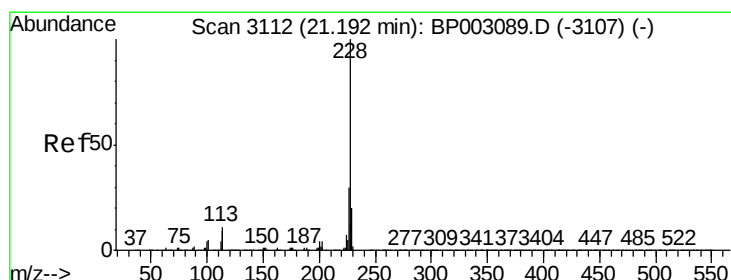
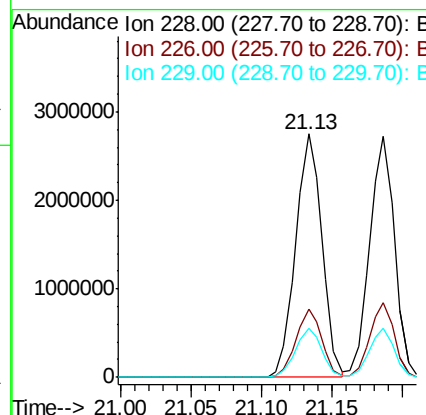
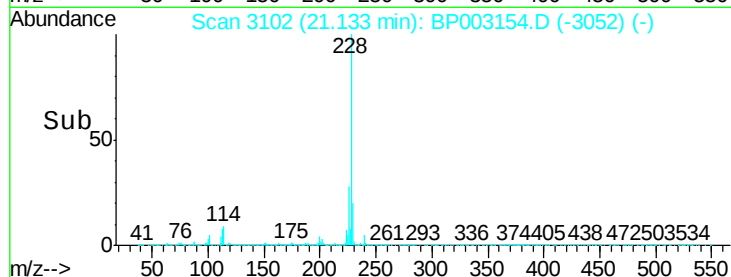
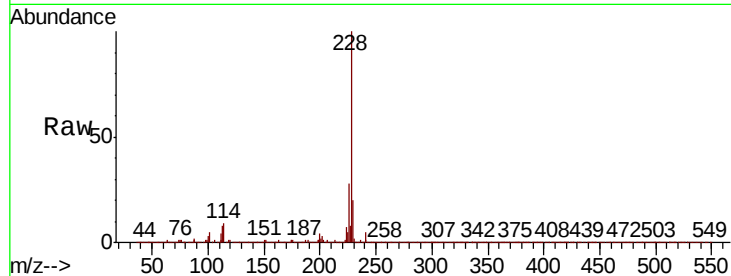
#81
Benzo(a)anthracene
Concen: 43.650 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	20.3	16.2	24.2

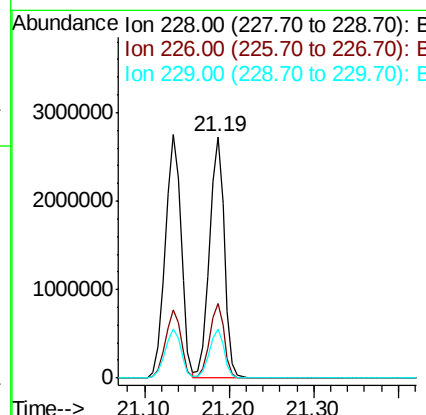
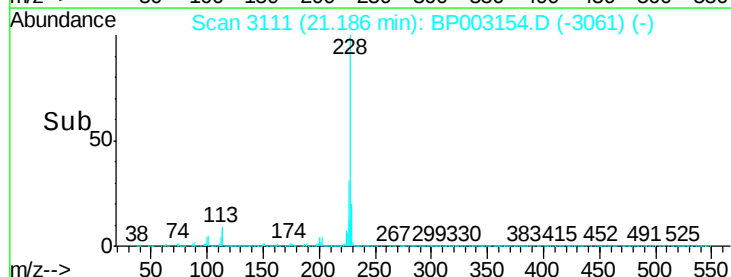
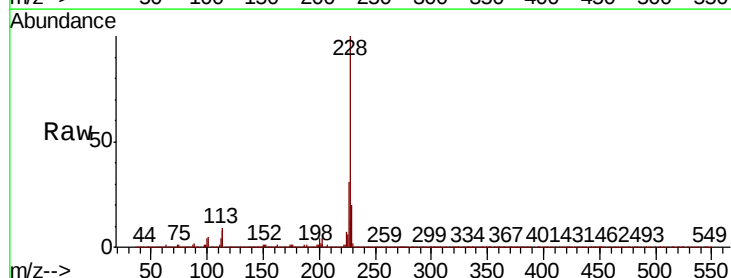
Manual Integrations
APPROVED

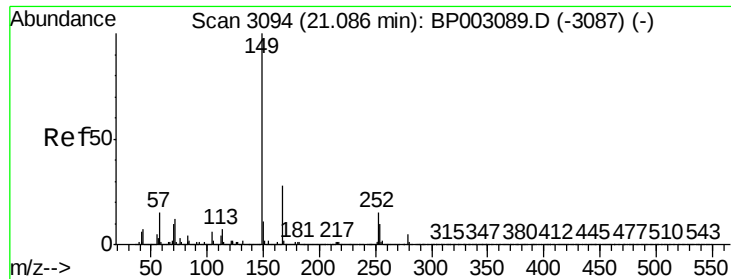
mohammad
8/31/2020 10:28:08 AM



#83
Chrysene
Concen: 43.036 ng
RT: 21.19 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	20.3	16.0	24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 45.409 ng

RT: 21.07 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

Instrument :

BNA_P

ClientSampleId :

HR-06-082620MSD

Tot Ion:149 Resp: 2275811

Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

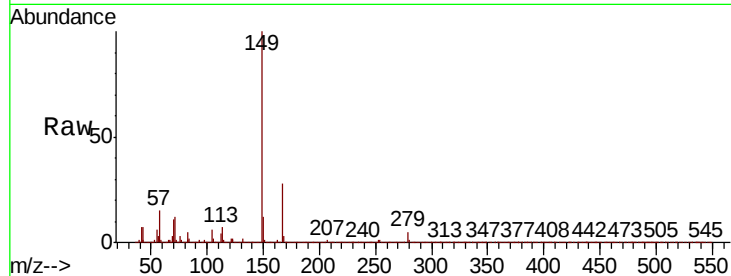
279 4.5 3.8 5.8

Manual Integrations

APPROVED

mohammad

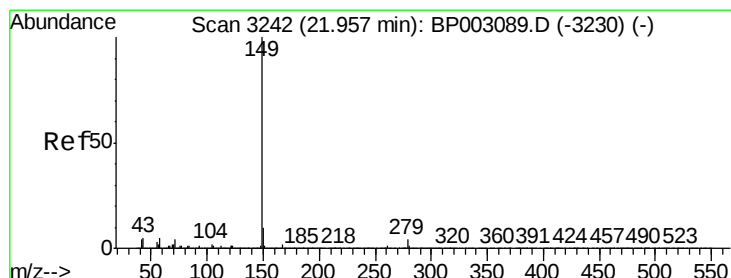
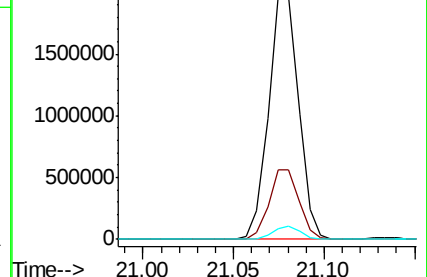
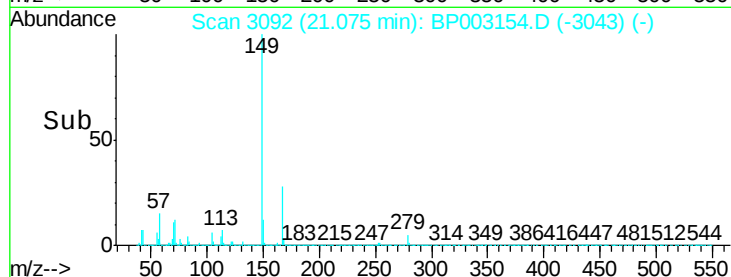
8/31/2020 10:28:08 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 46.618 ng

RT: 21.95 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BP003154.D

Acq: 28 Aug 2020 17:07

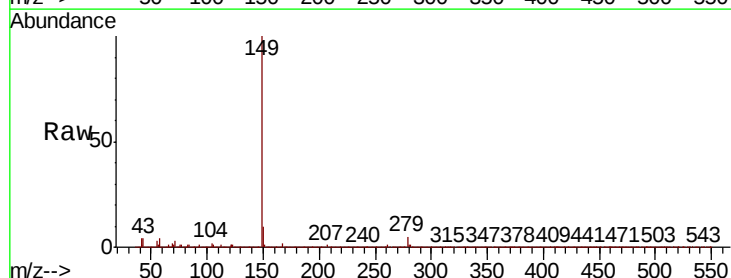
Tgt Ion:149 Resp: 4005775

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

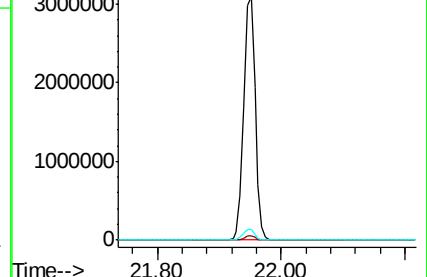
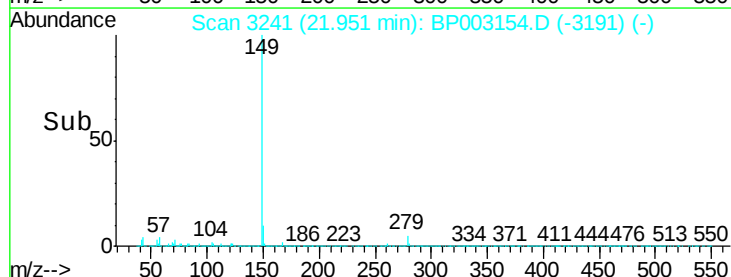
43 4.5 3.8 5.6

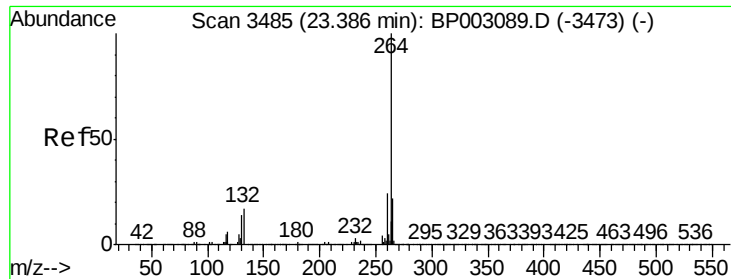


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BPO





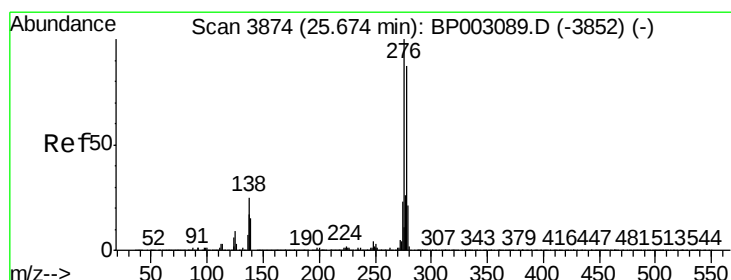
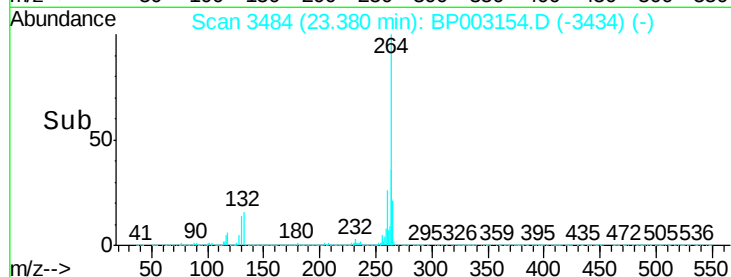
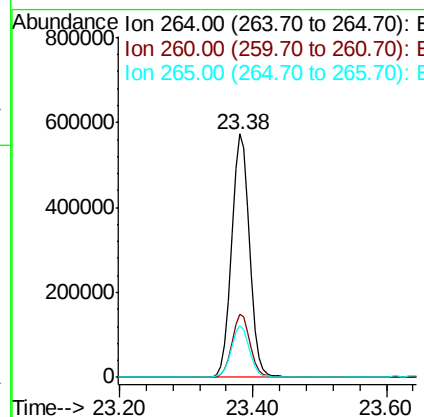
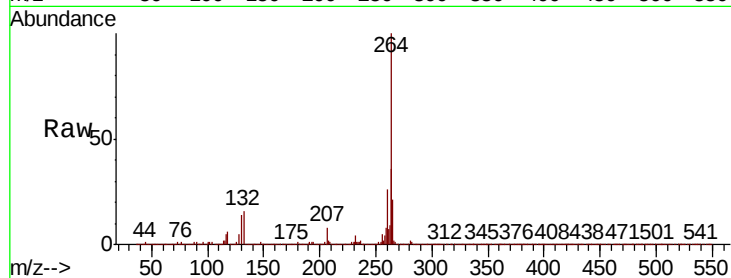
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.0	28.6
265	21.3	17.7	26.5

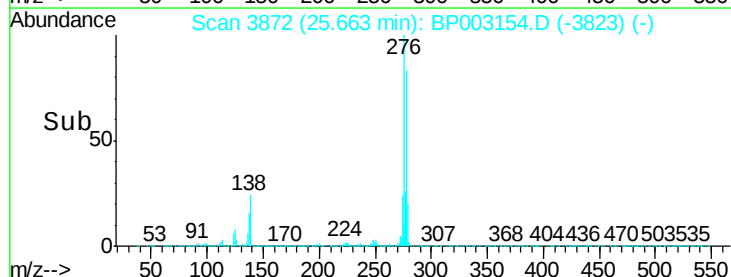
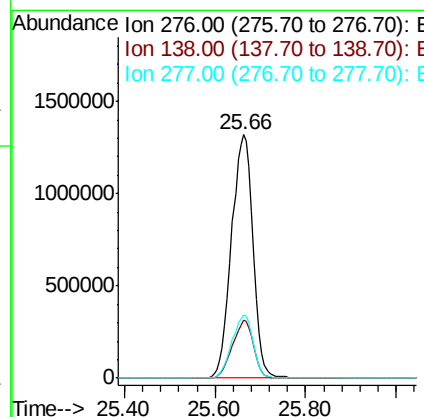
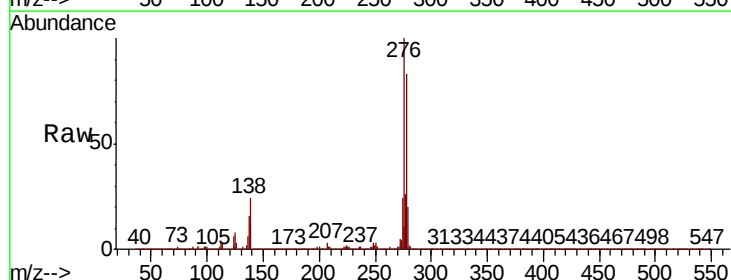
Manual Integrations
APPROVED

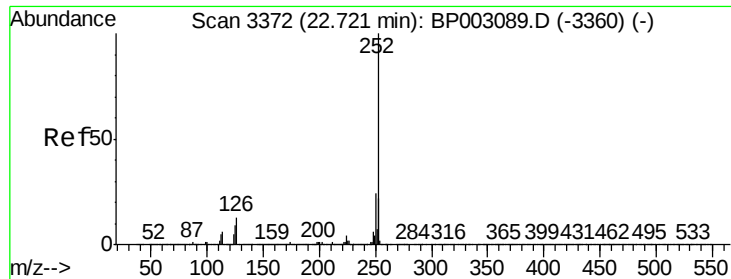
mohammad
8/31/2020 10:28:08 AM



#87
Indeno(1,2,3-cd)pyrene
Concen: 53.649 ng
RT: 25.66 min Scan# 3872
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.2	30.4
277	25.8	20.4	30.6





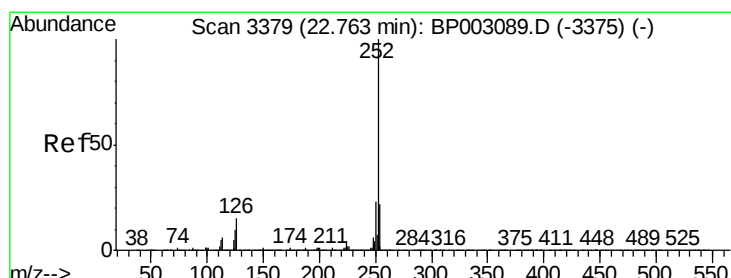
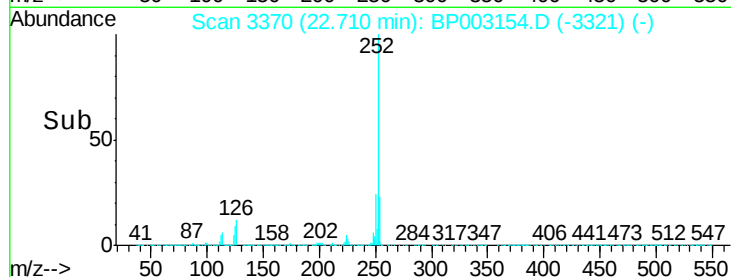
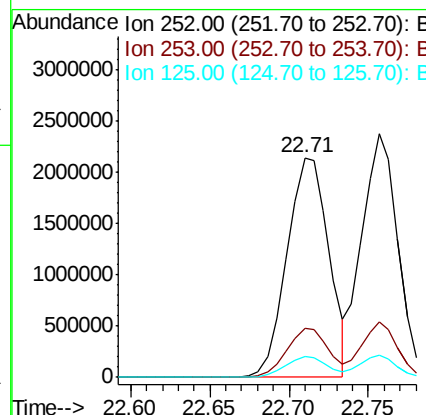
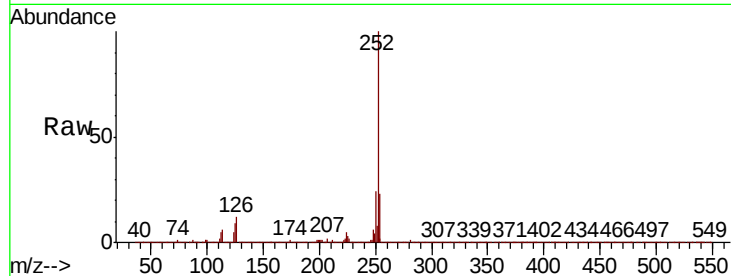
#88
Benzo(b)fluoranthene
Concen: 57.989 ng
RT: 22.71 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	9.5	7.6	11.4

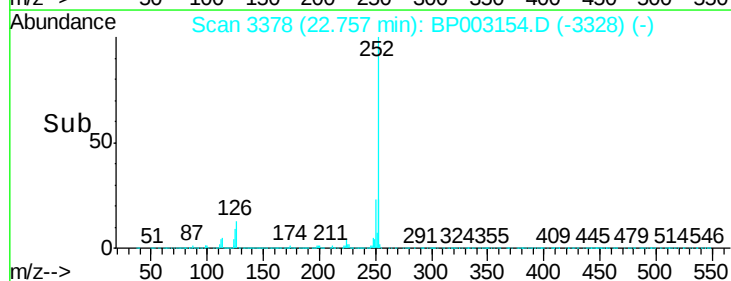
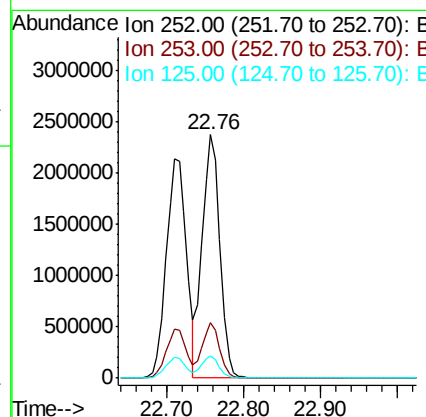
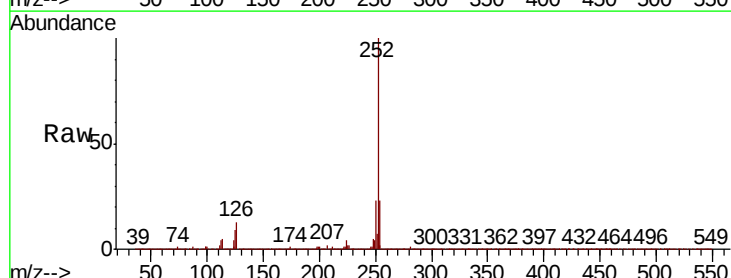
Manual Integrations
APPROVED

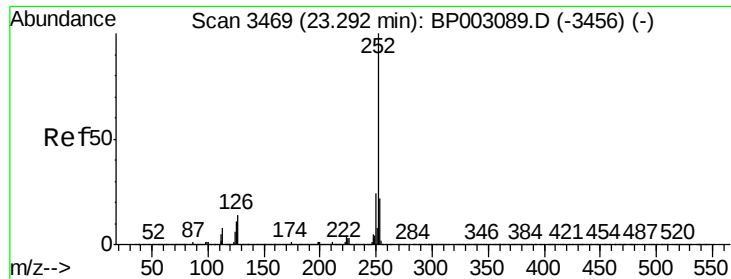
mohammad
8/31/2020 10:28:08 AM



#89
Benzo(k)fluoranthene
Concen: 58.544 ng
RT: 22.76 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	9.2	8.0	12.0





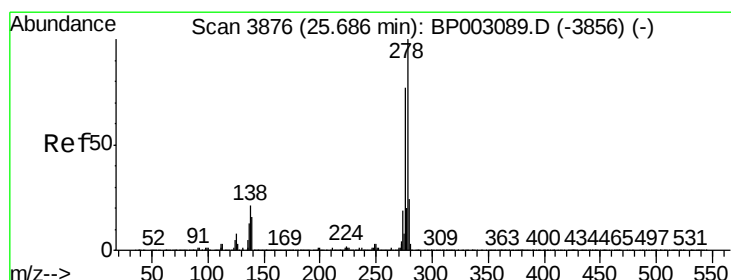
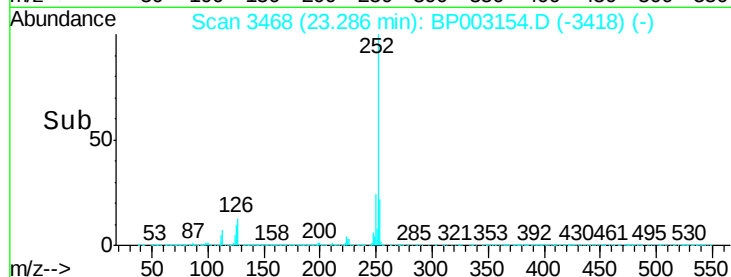
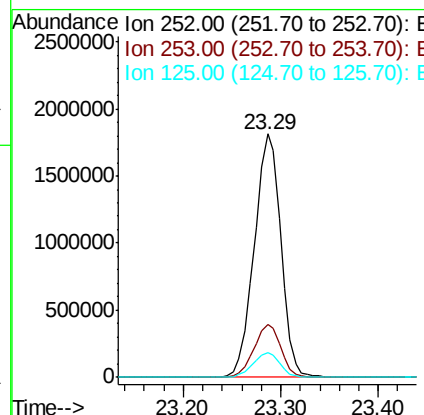
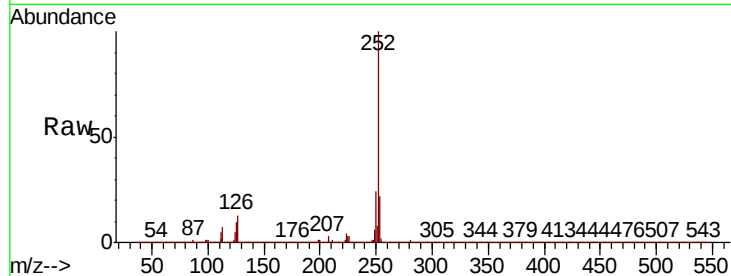
#90
Benzo(a)pyrene
Concen: 54.857 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Instrument :
BNA_P
ClientSampleId :
HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.2	8.8	13.2

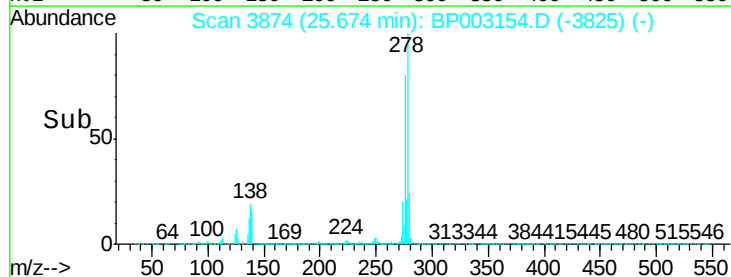
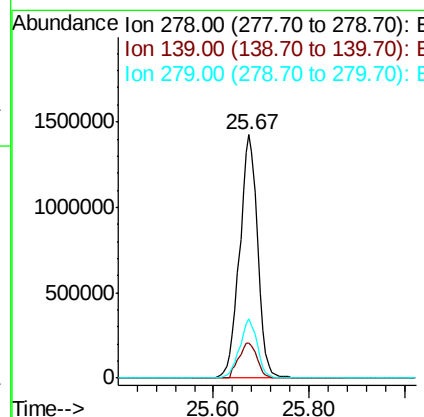
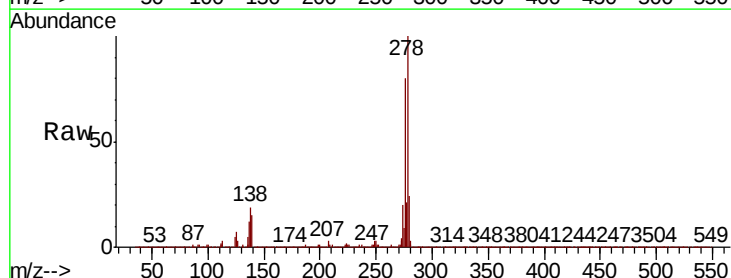
Manual Integrations
APPROVED

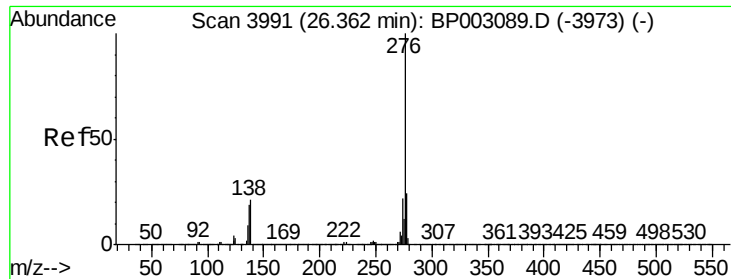
mohammad
8/31/2020 10:28:08 AM



#91
Dibenzo(a,h)anthracene
Concen: 55.963 ng
RT: 25.67 min Scan# 3874
Delta R.T. -0.01 min
Lab File: BP003154.D
Acq: 28 Aug 2020 17:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.8	19.2
279	24.2	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 53.810 ng
 RT: 26.36 min Scan# 3990
 Delta R.T. -0.01 min
 Lab File: BP003154.D
 Acq: 28 Aug 2020 17:07

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.2
138	19.7	17.0	25.6

Manual Integrations
 APPROVED

mohammad
 8/31/2020 10:28:08 AM

