

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
 Data File : BP001691.D
 Acq On : 27 Jan 2020 15:16
 Operator : CG/JU
 Sample : PB126358BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB126358BS

Manual Integrations
 APPROVED

mohammad
 1/28/2020 1:14:25 PM

Quant Time: Jan 28 10:08:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 24 22:23:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	16828	20.00	ng	-0.01
21) Naphthalene-d8	10.33	136	77028	20.00	ng	-0.01
39) Acenaphthene-d10	14.21	164	61549	20.00	ng	-0.01
64) Phenanthrene-d10	16.97	188	151582	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	156418	20.00	ng	0.00
87) Perylene-d12	23.28	264	174037	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	120271	140.00	ng	0.00
7) Phenol-d6	6.76	99	181201	131.98	ng	0.00
23) Nitrobenzene-d5	8.70	82	132671	75.26	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	80936	86.39	ng	-0.01
45) 2-Fluorobiphenyl	12.83	172	307101	73.36	ng	-0.01
79) Terphenyl-d14	19.57	244	587271	68.67	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.11	88	11473	41.848 ng	96
3) Pyridine	3.49	79	33964	34.284 ng	93
4) n-Nitrosodimethylamine	3.41	42	34189	48.693 ng	# 96
6) Aniline	6.89	93	56830	33.105 ng	92
8) 2-Chlorophenol	7.13	128	47238	47.100 ng	98
9) Benzaldehyde	6.70	77	29785	36.320 ng	89
10) Phenol	6.78	94	70062	49.331 ng	98
11) bis(2-Chloroethyl)ether	6.99	93	47837	42.947 ng	93
12) 1,3-Dichlorobenzene	7.45	146	47260m	37.488 ng	
13) 1,4-Dichlorobenzene	7.59	146	49050	37.627 ng	94
14) 1,2-Dichlorobenzene	7.90	146	49033	38.923 ng	97
15) Benzyl Alcohol	7.80	79	54708	42.313 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.09	45	92075	44.497 ng	97
17) 2-Methylphenol	8.02	107	46720	47.380 ng	95
18) Hexachloroethane	8.62	117	19690	38.692 ng	97
19) n-Nitroso-di-n-propylamine	8.36	70	46875	44.783 ng	89
20) 3+4-Methylphenols	8.35	107	63320	45.908 ng	94
22) Acetophenone	8.37	105	81247	37.627 ng	# 93
24) Nitrobenzene	8.75	77	71218	39.935 ng	97
25) Isophorone	9.27	82	128907	40.780 ng	99
26) 2-Nitrophenol	9.45	139	26888	39.896 ng	97
27) 2,4-Dimethylphenol	9.53	122	49692	49.354 ng	99
28) bis(2-Chloroethoxy)methane	9.76	93	72427	39.112 ng	96
29) 2,4-Dichlorophenol	9.99	162	54015	39.193 ng	97
30) 1,2,4-Trichlorobenzene	10.20	180	56844	34.167 ng	98
31) Naphthalene	10.38	128	151603	37.292 ng	99
32) Benzoic acid	9.85	122	2753m	7.444 ng	
33) 4-Chloroaniline	10.50	127	43522	23.252 ng	96
34) Hexachlorobutadiene	10.68	225	37397	31.753 ng	97
35) Caprolactam	11.25	113	19948m	39.860 ng	
36) 4-Chloro-3-methylphenol	11.65	107	64622	39.071 ng	93
37) 2-Methylnaphthalene	12.00	142	118791	36.665 ng	96
38) 1-Methylnaphthalene	12.23	142	113317	36.346 ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	74750	35.454 ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
 Data File : BP001691.D
 Acq On : 27 Jan 2020 15:16
 Operator : CG/JU
 Sample : PB126358BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB126358BS

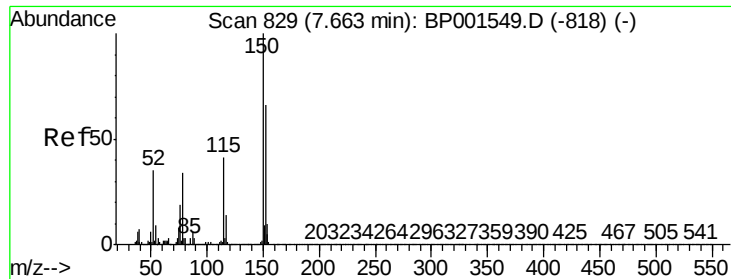
Manual Integrations
 APPROVED

mohammad
 1/28/2020 1:14:25 PM

Quant Time: Jan 28 10:08:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 24 22:23:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	64156	59.988	nq	95
43) 2,4,6-Trichlorophenol	12.63	196	44474	32.706	nq	100
44) 2,4,5-Trichlorophenol	12.71	196	49894	34.529	nq	97
46) 1,1'-Biphenyl	13.04	154	165446	37.512	nq	100
47) 2-Chloronaphthalene	13.08	162	131987	36.007	nq	98
48) 2-Nitroaniline	13.29	65	57811	40.142	nq	94
49) Acenaphthylene	13.93	152	217084	38.400	nq	98
50) Dimethylphthalate	13.68	163	180980	35.700	nq	97
51) 2,6-Dinitrotoluene	13.79	165	39724	36.951	nq #	86
52) Acenaphthene	14.27	154	125534	35.854	nq	99
53) 3-Nitroaniline	14.12	138	28362	24.988	nq	93
54) 2,4-Dinitrophenol	14.34	184	26726	44.215	nq #	76
55) Dibenzofuran	14.62	168	216918	36.637	nq	100
56) 4-Nitrophenol	14.46	139	56988	62.875	nq	88
57) 2,4-Dinitrotoluene	14.59	165	56469	35.900	nq	93
58) Fluorene	15.27	166	176234	36.784	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.86	232	46283	31.019	nq	96
60) Diethylphthalate	15.06	149	184175	35.323	nq	99
61) 4-Chlorophenyl-phenylether	15.27	204	97211	35.453	nq	97
62) 4-Nitroaniline	15.30	138	38681	29.891	nq	96
63) Azobenzene	15.57	77	214605	41.192	nq	93
65) 4,6-Dinitro-2-methylphenol	15.37	198	29471	35.961	nq	95
66) n-Nitrosodiphenylamine	15.49	169	155208	38.650	nq	98
67) 4-Bromophenyl-phenylether	16.17	248	60989	35.665	nq	96
68) Hexachlorobenzene	16.29	284	67181	33.814	nq	98
69) Atrazine	16.46	200	66026	44.768	nq	99
70) Pentachlorophenol	16.64	266	54296m	49.485	nq	
71) Phenanthrene	17.02	178	302656	36.715	nq	99
72) Anthracene	17.11	178	313061	39.010	nq	99
73) Carbazole	17.39	167	275031	36.504	nq	99
74) Di-n-butylphthalate	17.97	149	322300	36.157	nq	99
75) Fluoranthene	19.00	202	393536	36.281	nq	99
77) Benzidine	19.19	184	182118	50.991	nq	98
78) Pyrene	19.36	202	401462	34.940	nq	98
80) Butylbenzylphthalate	20.26	149	151723	34.742	nq	99
81) Benzo(a)anthracene	21.07	228	394720	36.234	nq	99
82) 3,3'-Dichlorobenzidine	21.01	252	119749	29.315	nq	98
83) Chrysene	21.12	228	380597	35.850	nq	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	225160	37.610	nq	98
85) Di-n-octyl phthalate	21.89	149	377241	39.519	nq #	93
86) Indeno(1,2,3-cd)pyrene	25.49	276	457332	36.801	nq #	96
88) Benzo(b)fluoranthene	22.63	252	394226	35.947	nq	99
89) Benzo(k)fluoranthene	22.67	252	392862m	36.741	nq	
90) Benzo(a)pyrene	23.19	252	364584	35.013	nq #	97
91) Dibenzo(a,h)anthracene	25.51	278	383635	35.708	nq #	98
92) Benzo(g,h,i)perylene	26.17	276	382170	35.782	nq #	96

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



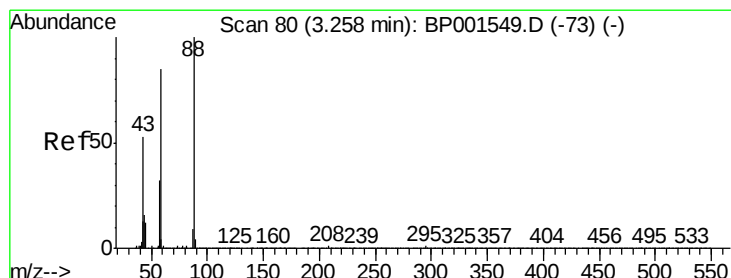
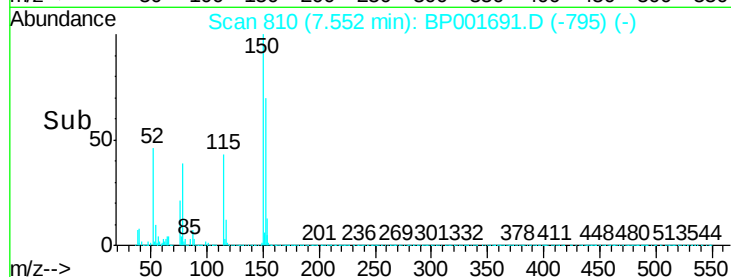
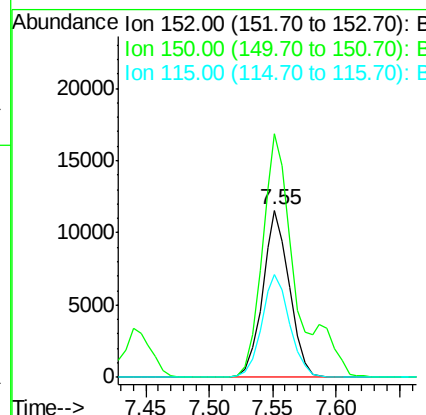
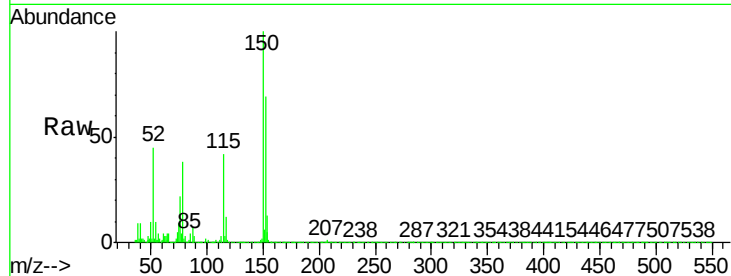
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 810
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.6	122.0	183.0
115	61.4	50.7	76.1

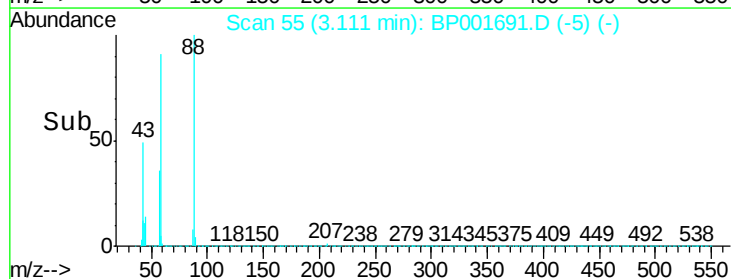
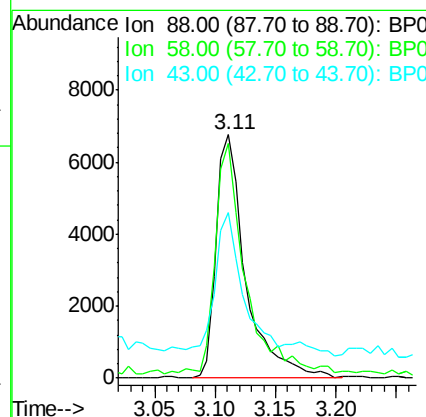
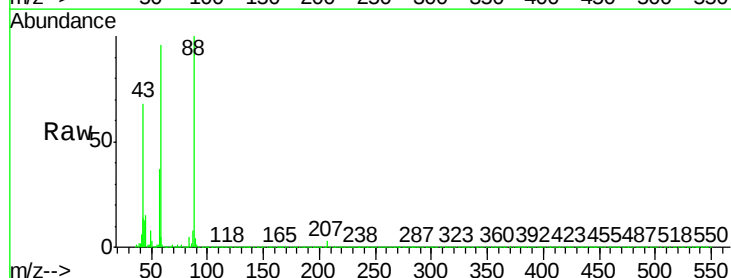
Manual Integrations
APPROVED

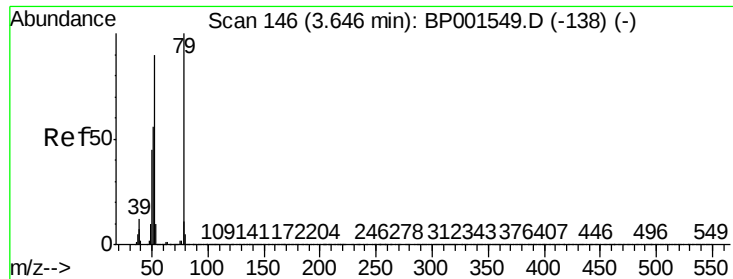
mohammad
1/28/2020 1:14:25 PM



#2
1,4-Dioxane
Concen: 41.848 ng
RT: 3.11 min Scan# 55
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.5	69.5	104.3
43	50.1	40.3	60.5





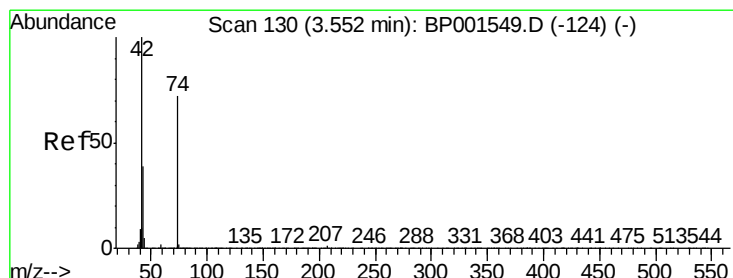
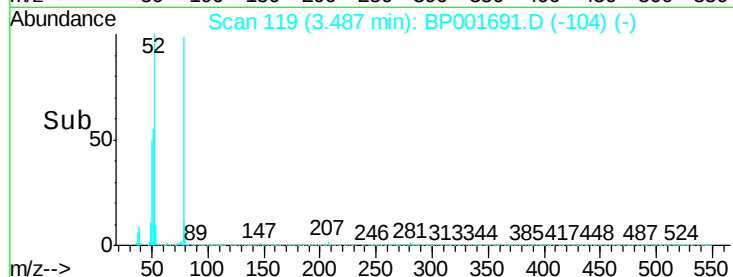
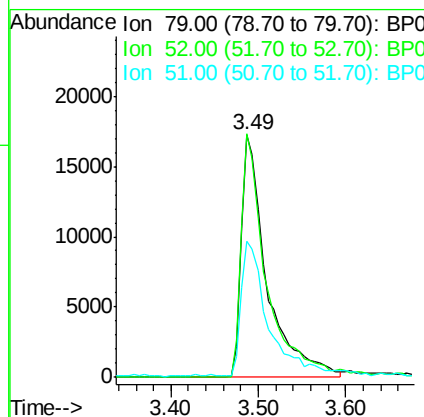
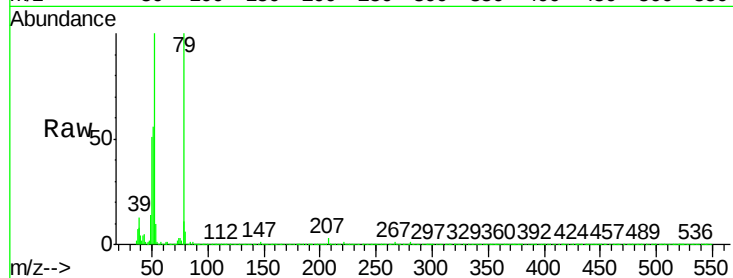
#3
Pvridine
Concen: 34.284 ng
RT: 3.49 min Scan# 119
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	100.4	72.1	108.1
51	51	56.1	44.8	67.2

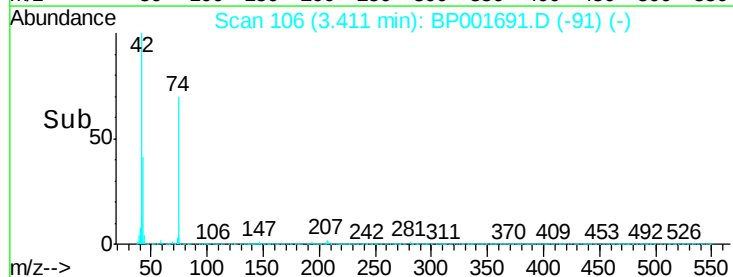
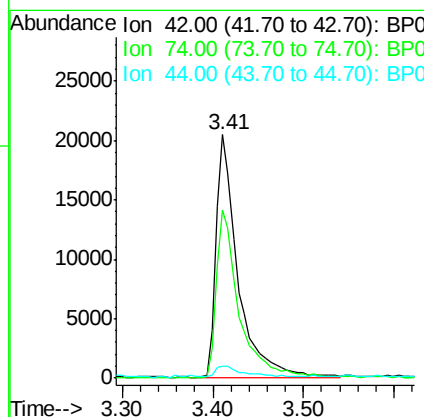
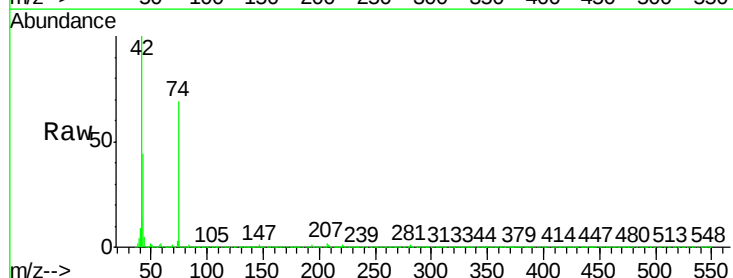
Manual Integrations
APPROVED

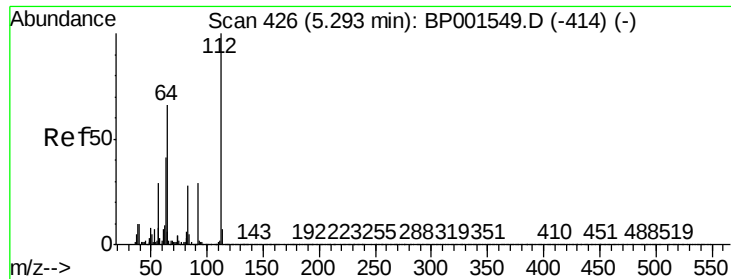
mohammad
1/28/2020 1:14:25 PM



#4
n-Nitrosodimethylamine
Concen: 48.693 ng
RT: 3.41 min Scan# 106
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	69.2	58.0	87.0
44	44	5.2	6.7	10.1





#5

2-Fluorophenol

Concen: 140.004 ng

RT: 5.18 min Scan# 406

Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Instrument :

BNA_P

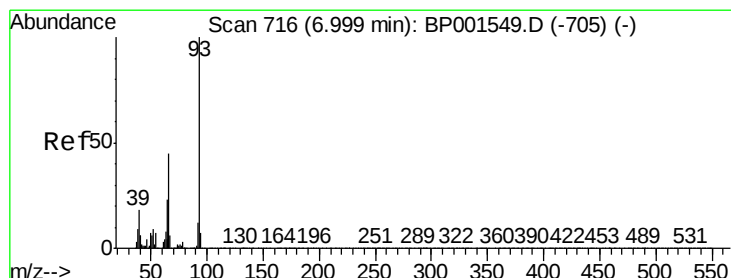
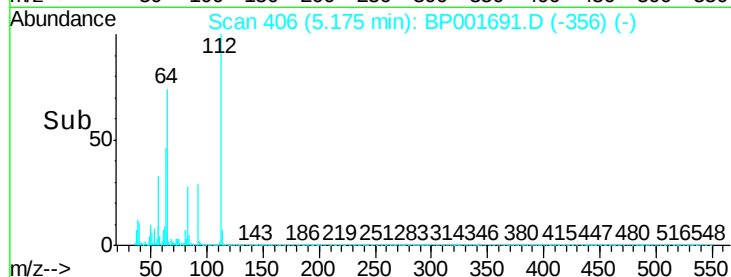
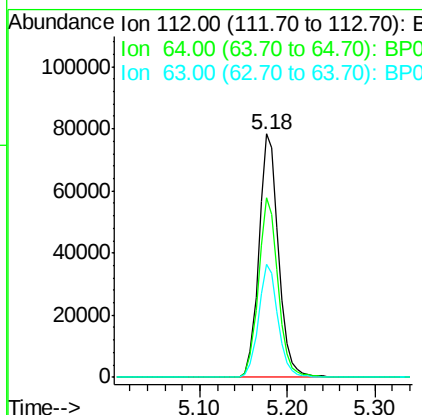
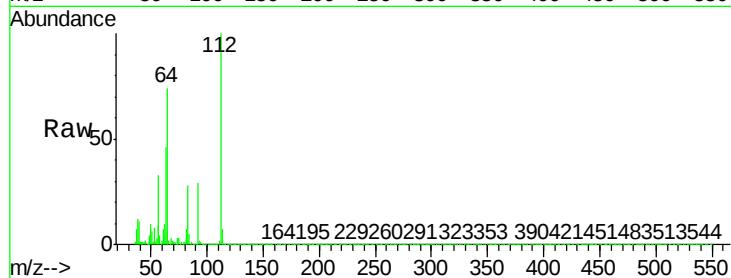
ClientSampleId :

PB126358BS

Tot Ion:	112	Resp:	120271
Ion Ratio	Lower	Upper	
112	100		
64	73.6	52.8	79.2
63	46.4	33.1	49.7

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:25 PM



#6

Aniline

Concen: 33.105 ng

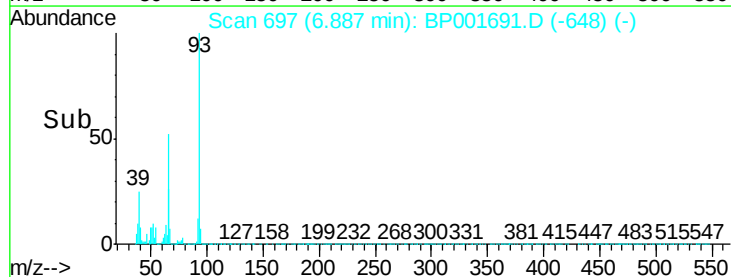
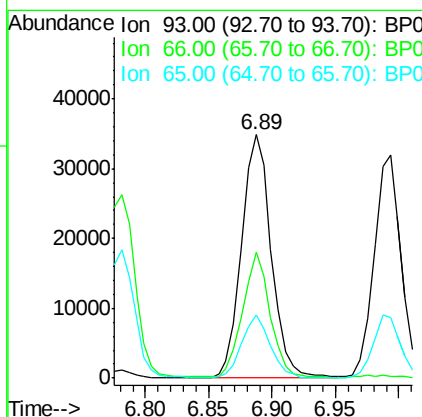
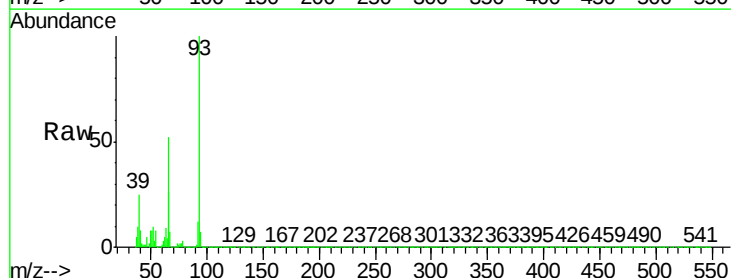
RT: 6.89 min Scan# 697

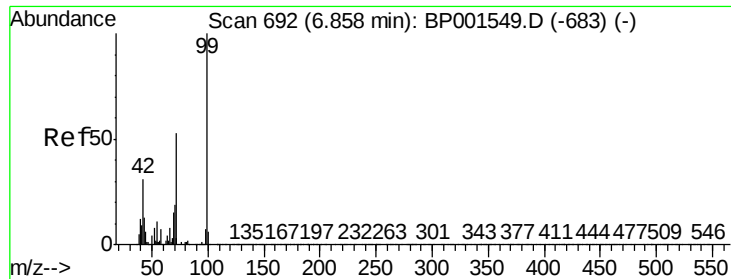
Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Tgt Ion:	93	Resp:	56830
Ion Ratio	Lower	Upper	
93	100		
66	51.7	36.4	54.6
65	26.1	18.5	27.7





#7

Phenol-d6

Concen: 131.981 ng

RT: 6.76 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Instrument :

BNA_P

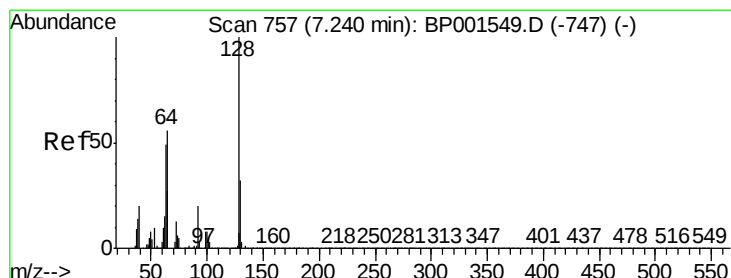
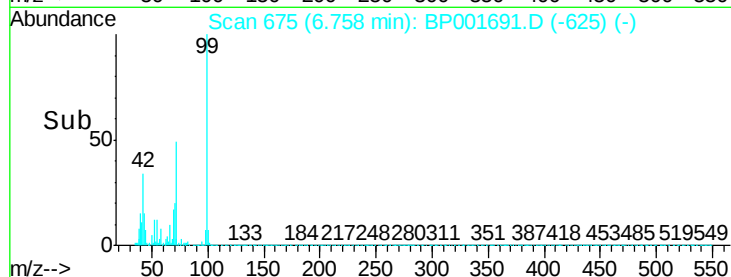
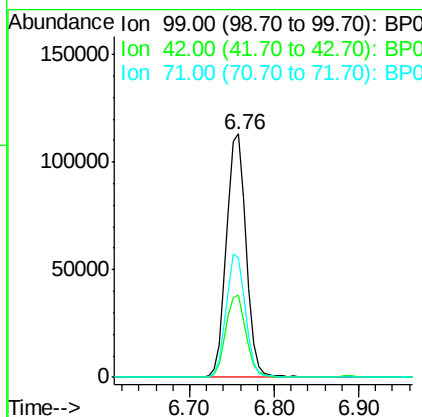
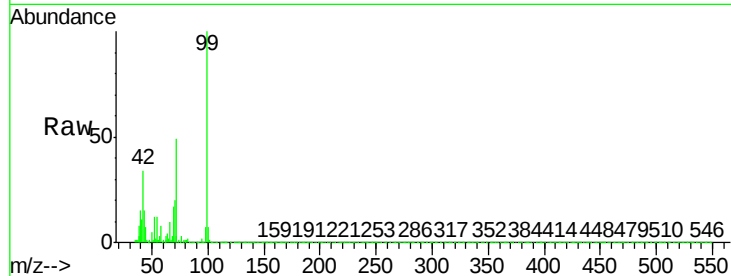
ClientSampleId :

PB126358BS

Tot Ion:	99	Resp:	181201
Ion Ratio		Lower	Upper
99	100		
42	34.1	24.5	36.7
71	49.3	42.4	63.6

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:25 PM



#8

2-Chlorophenol

Concen: 47.100 ng

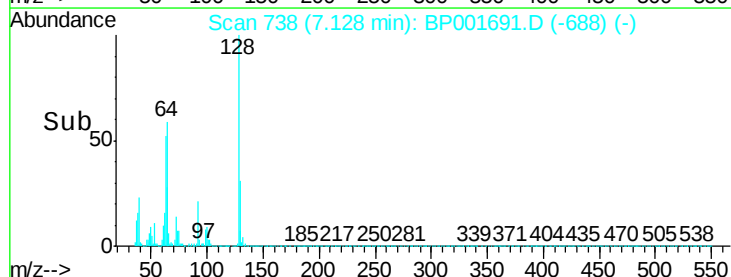
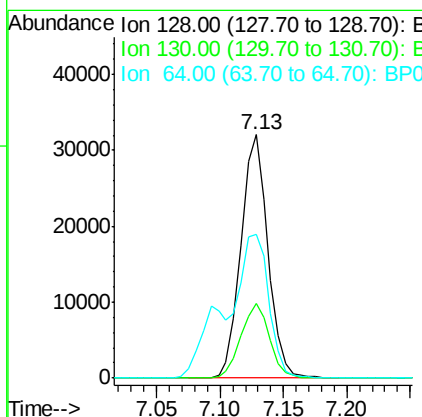
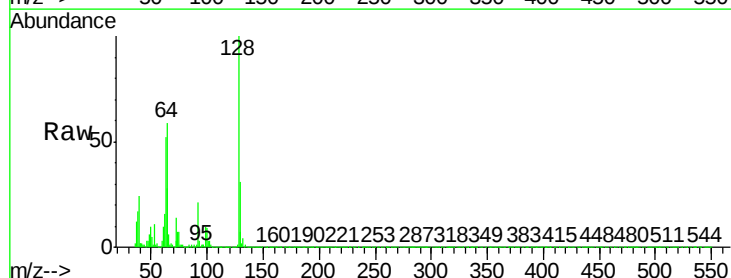
RT: 7.13 min Scan# 738

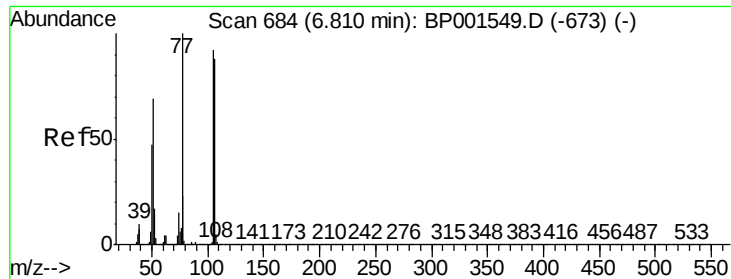
Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Tgt Ion:	128	Resp:	47238
Ion Ratio		Lower	Upper
128	100		
130	30.8	11.8	51.8
64	59.0	37.2	77.2





#9

Benzaldehyde

Concen: 36.320 ng

RT: 6.70 min Scan# 665

Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Instrument :

BNA_P

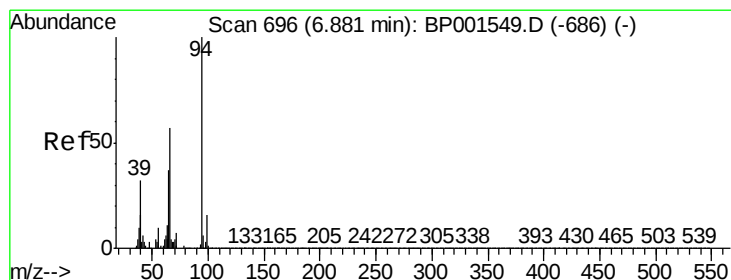
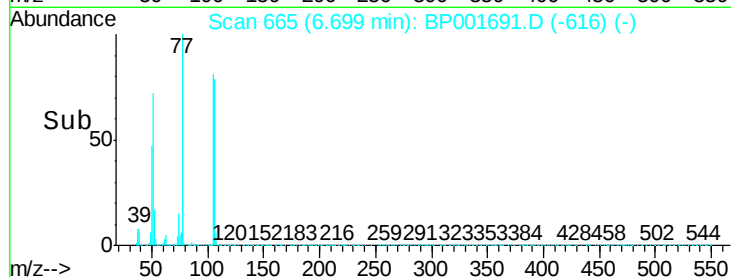
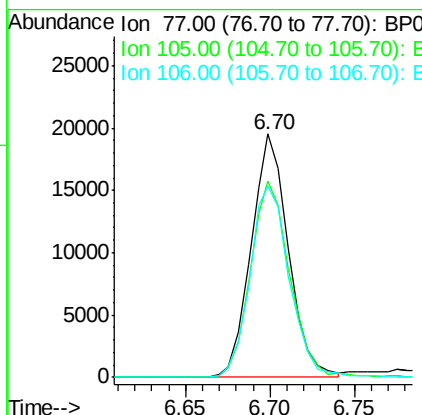
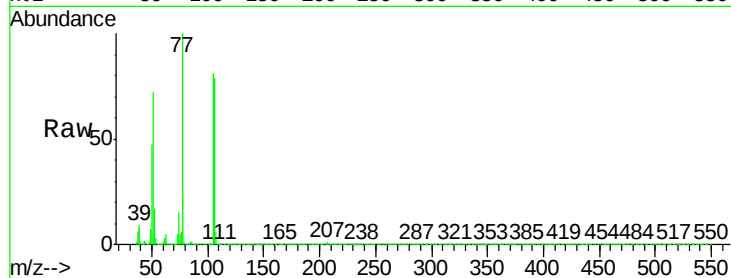
ClientSampleID :

PB126358BS

Tot Ion:	77	Resp:	29785
Ion Ratio	Lower	Upper	
77	100		
105	80.6	71.6	111.6
106	78.7	67.7	107.7

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:25 PM



#10

Phenol

Concen: 49.331 ng

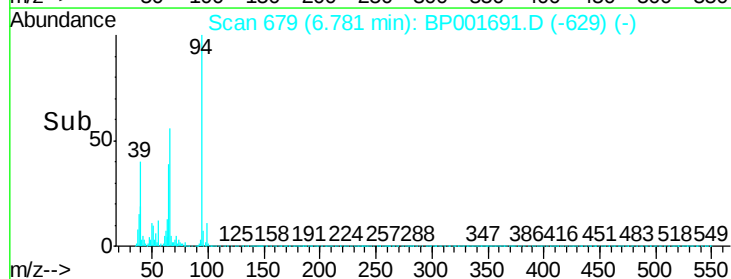
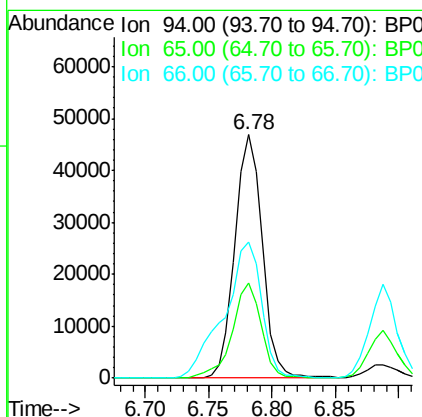
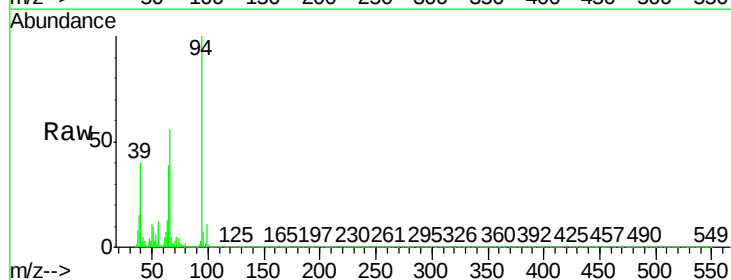
RT: 6.78 min Scan# 679

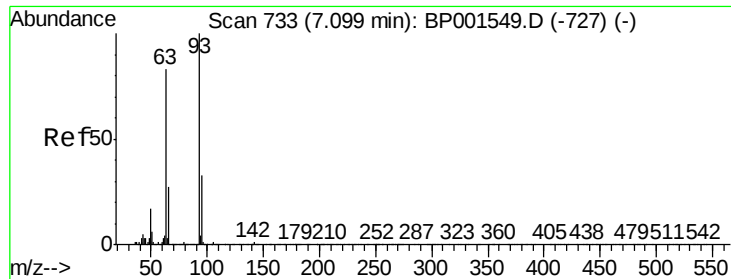
Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Tgt Ion:	94	Resp:	70062
Ion Ratio	Lower	Upper	
94	100		
65	39.1	17.5	57.5
66	56.0	36.7	76.7





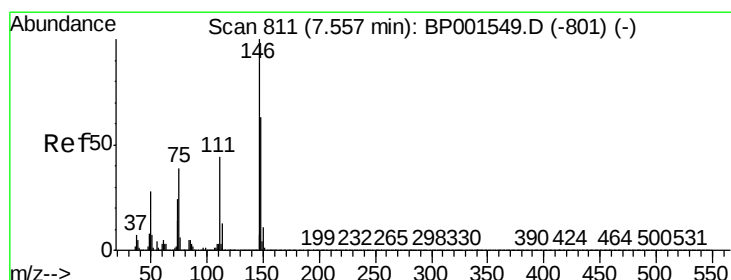
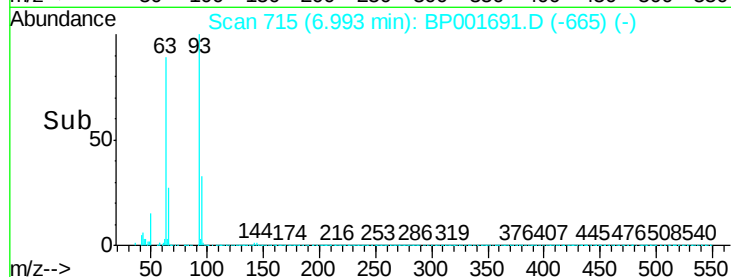
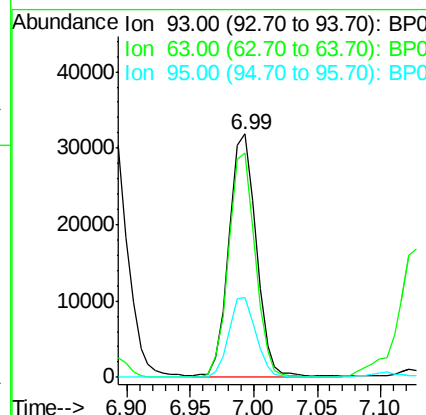
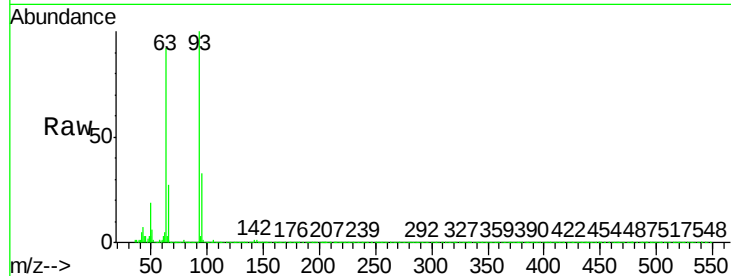
#11
bis(2-Chloroethyl)ether
Concen: 42.947 ng
RT: 6.99 min Scan# 715
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.0	63.2	103.2
95	32.9	12.6	52.6

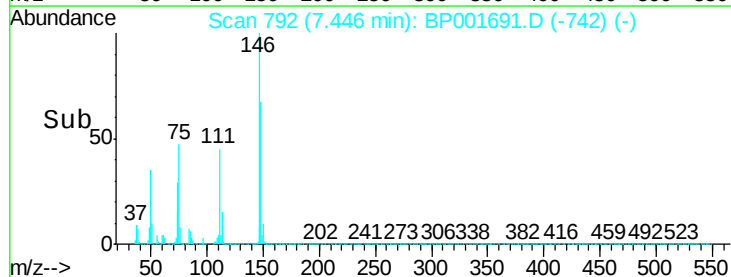
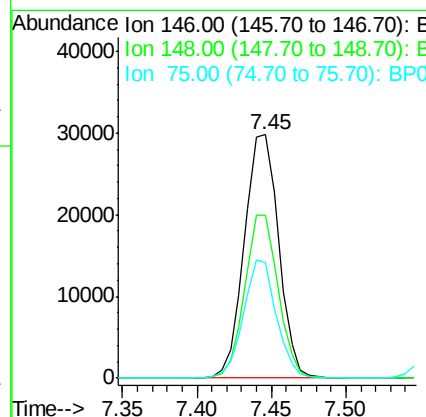
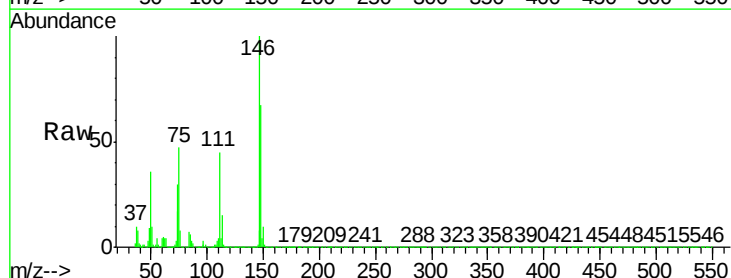
Manual Integrations
APPROVED

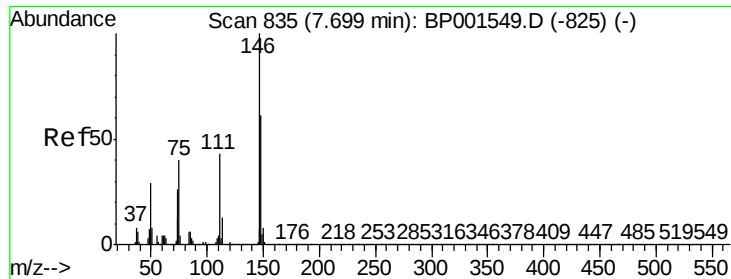
mohammad
1/28/2020 1:14:25 PM



#12
1,3-Dichlorobenzene
Concen: 37.488 ng m
RT: 7.45 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	50.2	75.2
75	47.3	31.1	46.7#





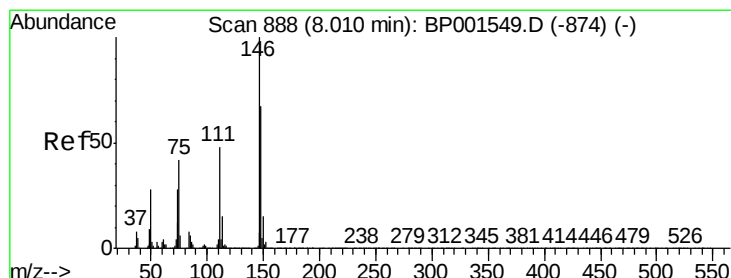
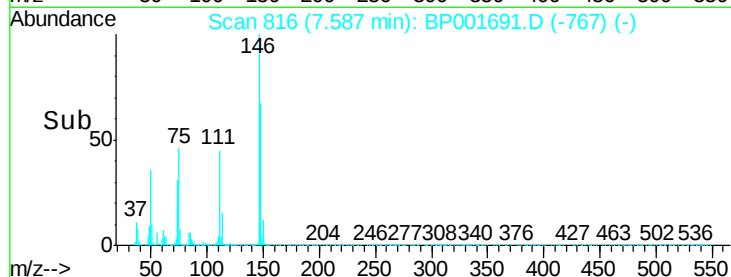
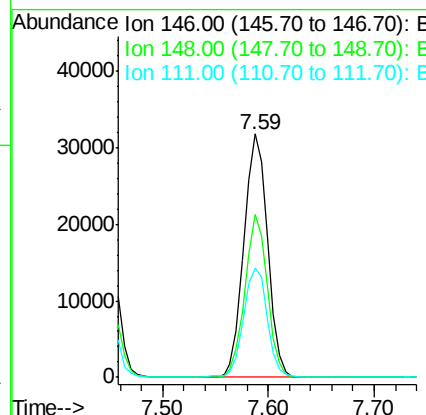
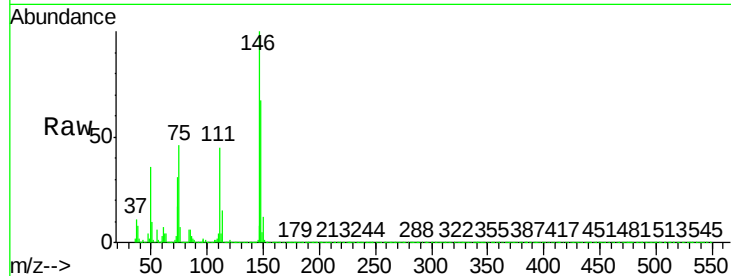
#13
 1,4-Dichlorobenzene
 Concen: 37.627 ng
 RT: 7.59 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BP001691.D
 Acq: 27 Jan 2020 15:16

Instrument :
 BNA_P
 ClientSampleId :
 PB126358BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.8	48.6	73.0
111	44.8	34.3	51.5

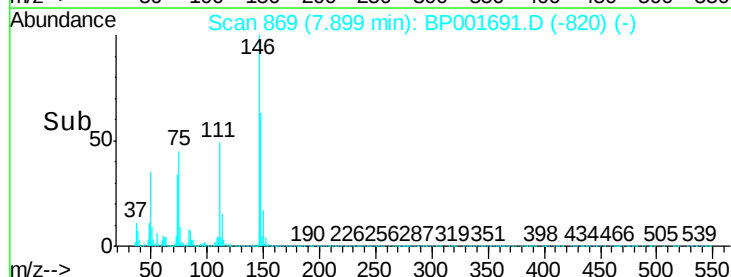
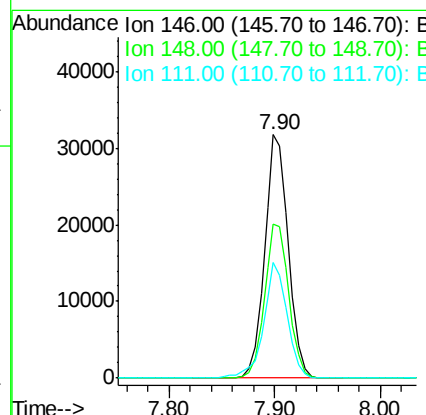
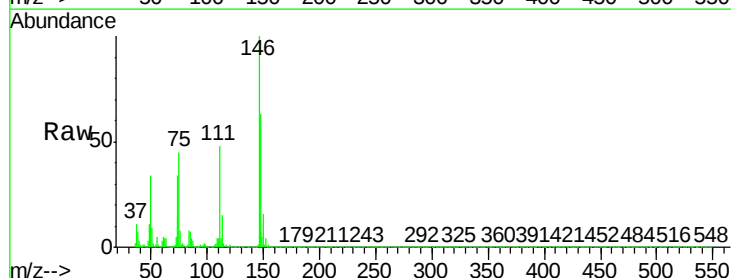
Manual Integrations
 APPROVED

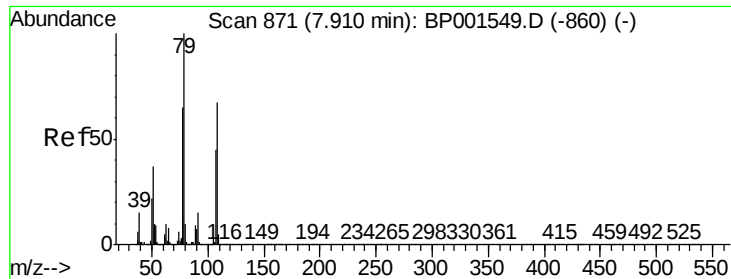
mohammad
 1/28/2020 1:14:25 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.923 ng
 RT: 7.90 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BP001691.D
 Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	53.9	80.9
111	47.5	38.2	57.4





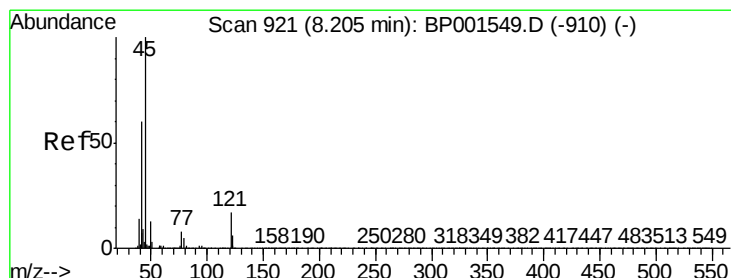
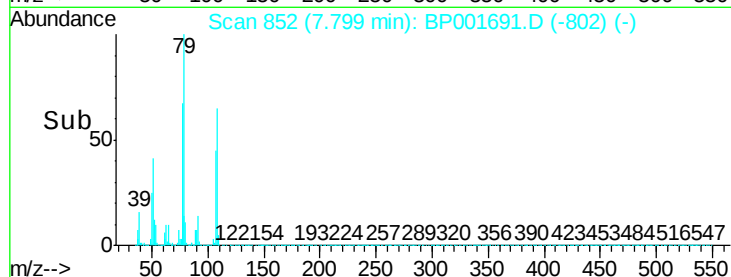
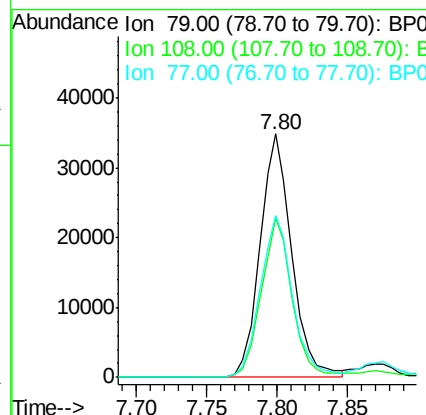
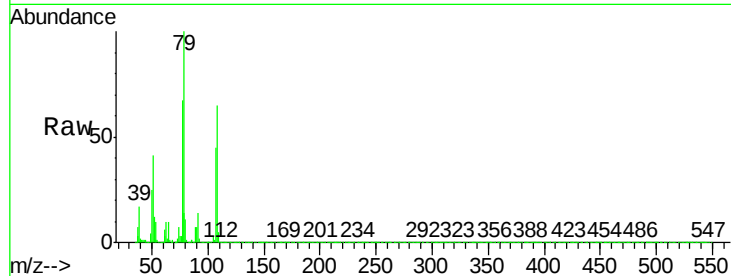
#15
Benzyl Alcohol
Concen: 42.313 ng
RT: 7.80 min Scan# 852
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.4	53.2	79.8
77	66.6	52.1	78.1

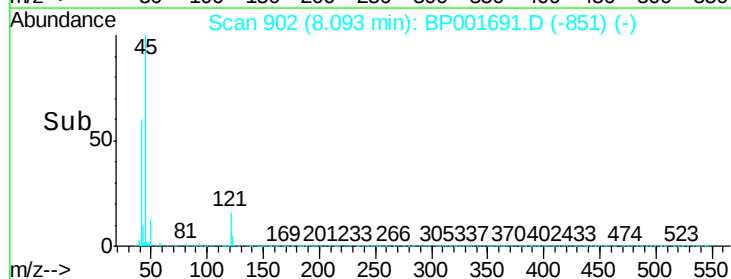
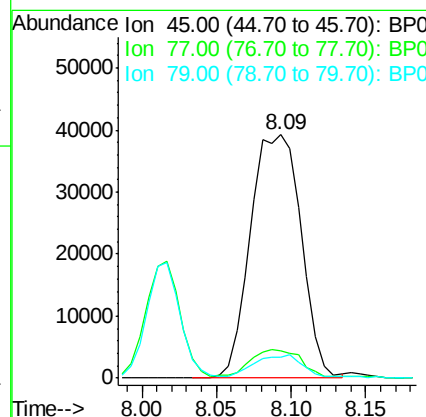
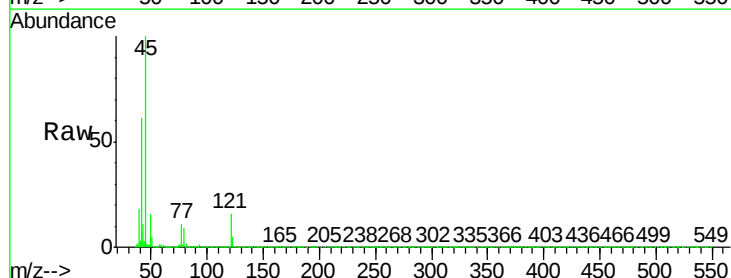
Manual Integrations
APPROVED

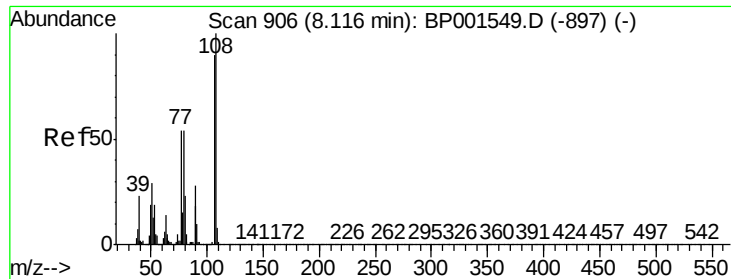
mohammad
1/28/2020 1:14:25 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.497 ng
RT: 8.09 min Scan# 902
Delta R.T. 0.00 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	32.6
79	8.5	0.0	29.3





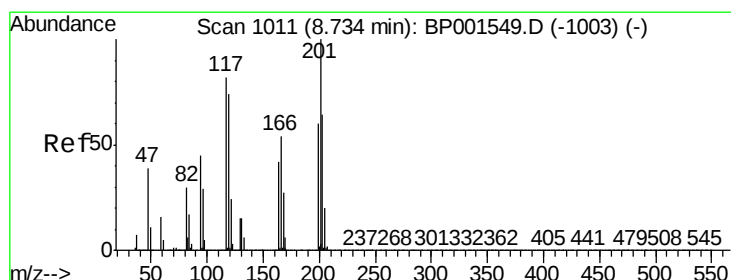
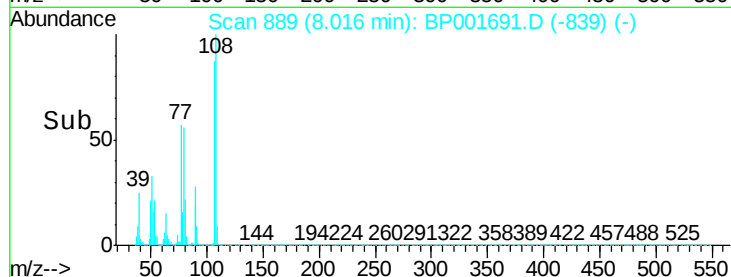
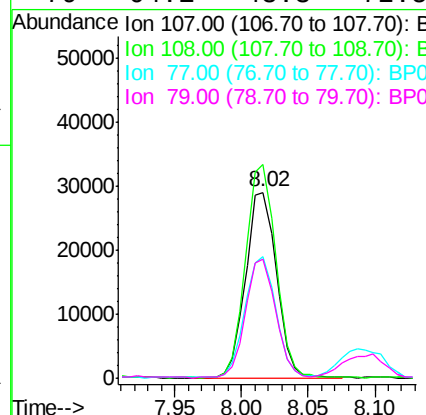
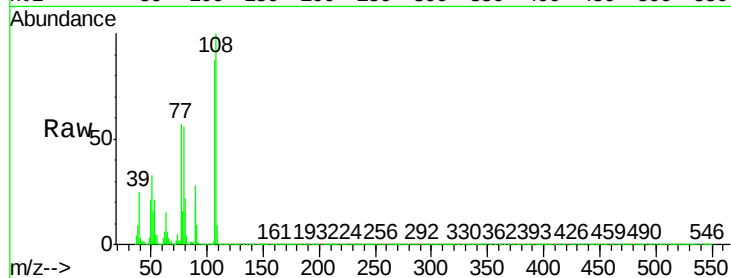
#17
2-Methylphenol
Concen: 47.380 ng
RT: 8.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	89.2	133.8
77	65.2	47.9	71.9
79	64.1	48.3	72.5

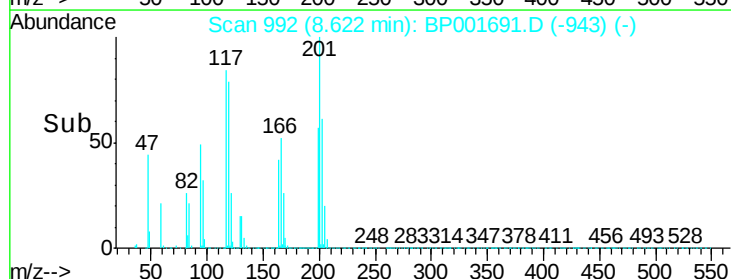
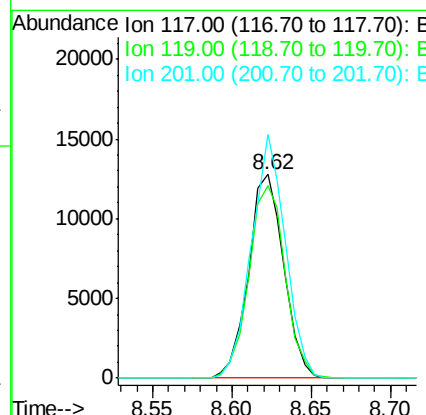
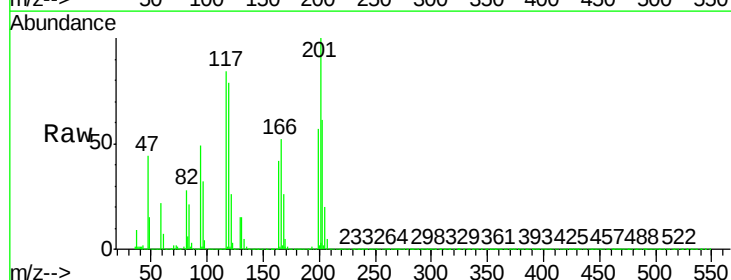
Manual Integrations
APPROVED

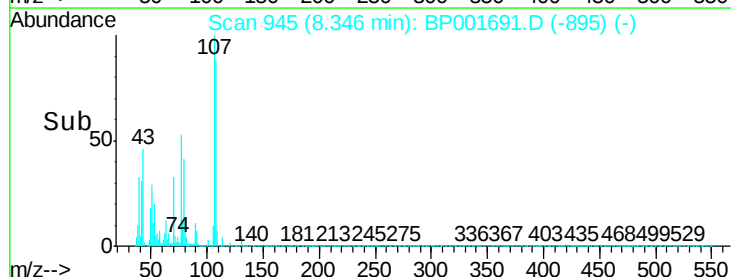
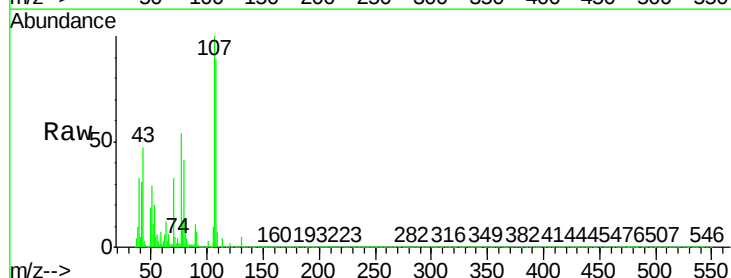
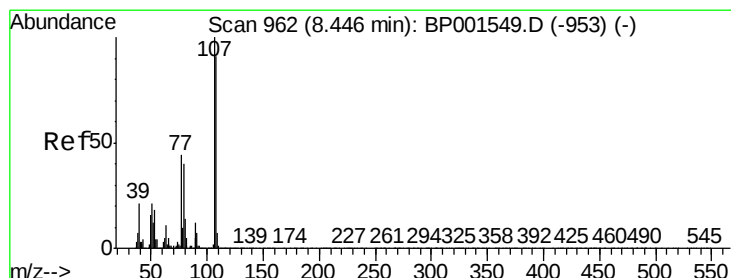
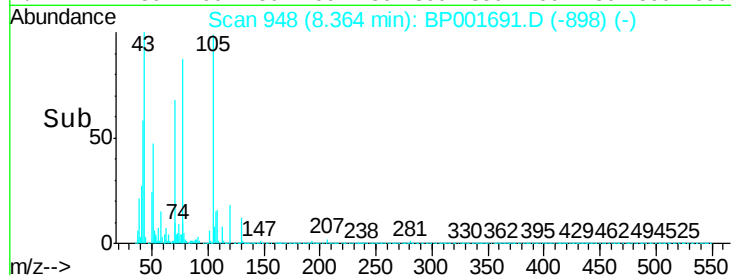
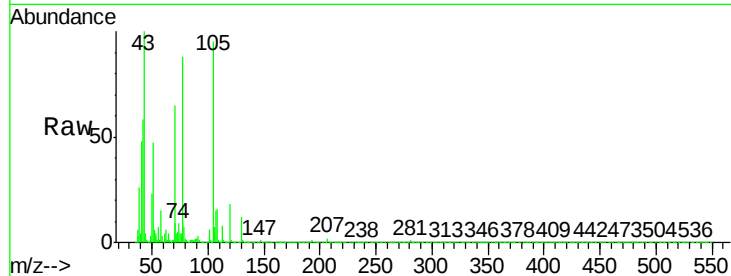
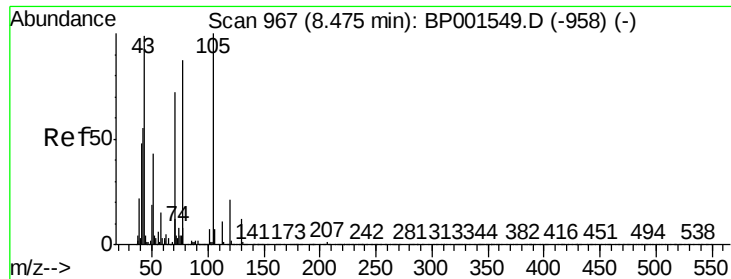
mohammad
1/28/2020 1:14:25 PM



#18
Hexachloroethane
Concen: 38.692 ng
RT: 8.62 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

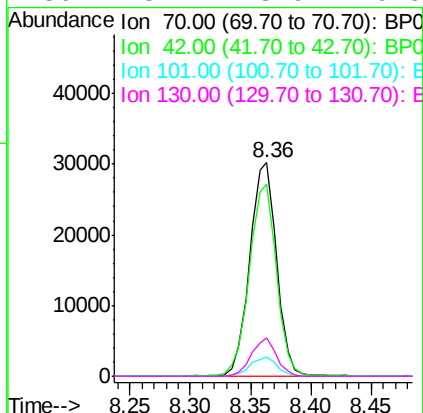
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	71.8	107.8
201	119.7	97.6	146.4





#19
n-Nitroso-di-n-propylamine
Concen: 44.783 ng
RT: 8.36 min Scan# 948
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	90.0	62.3	93.5	
101	9.3	7.3	10.9	
130	18.1	13.9	20.9	



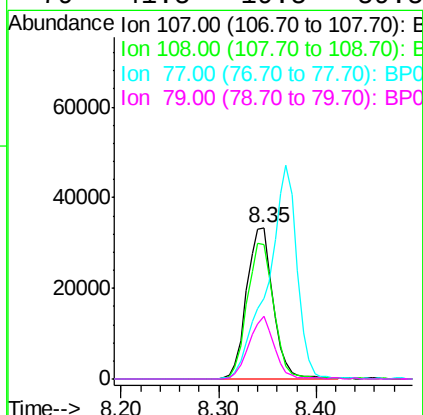
Instrument :
BNA_P
ClientSampleId :
PB126358BS

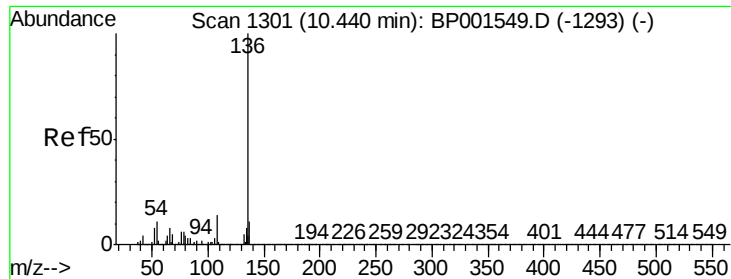
Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:25 PM

#20
3+4-Methylphenols
Concen: 45.908 ng
RT: 8.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	71.2	111.2	
77	53.6	24.4	64.4	
79	41.5	19.5	59.5	





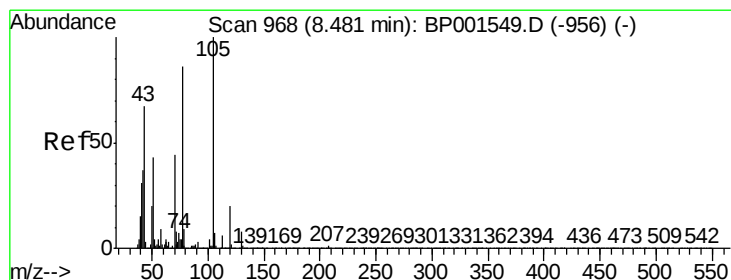
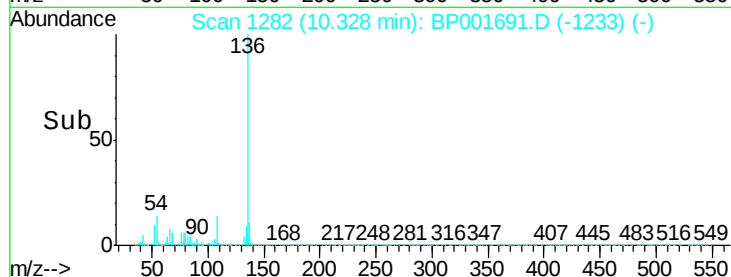
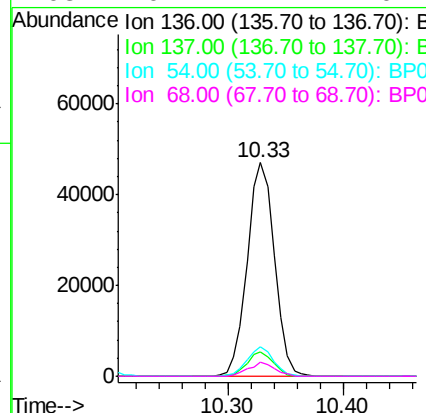
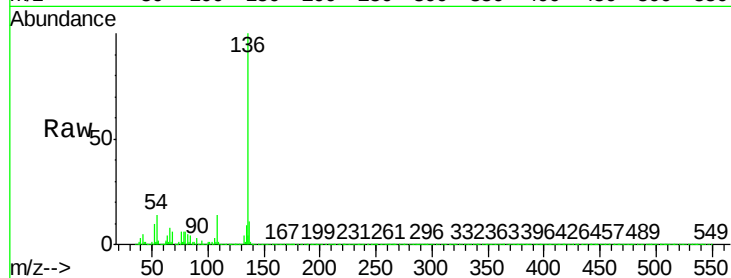
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.6	12.8	
54	13.9	9.2	13.8	
68	6.4	4.1	6.1	

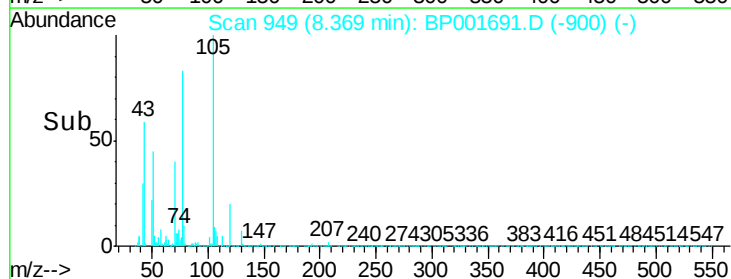
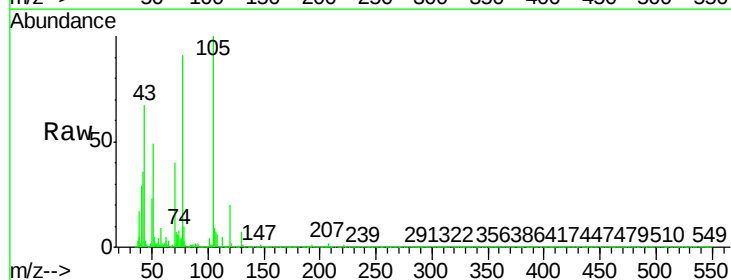
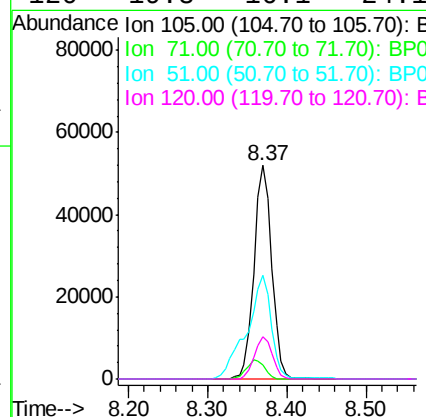
Manual Integrations
APPROVED

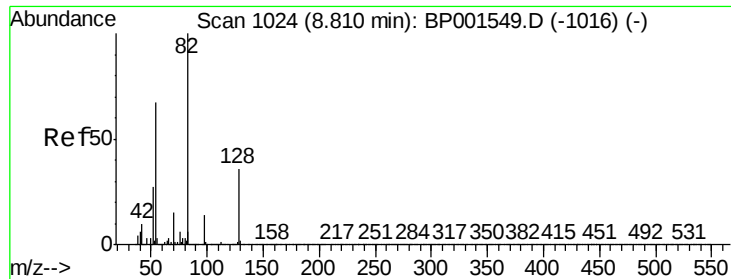
mohammad
1/28/2020 1:14:25 PM



#22
Acetophenone
Concen: 37.627 ng
RT: 8.37 min Scan# 949
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	6.6	10.0	
51	48.7	34.1	51.1	
120	19.8	16.1	24.1	





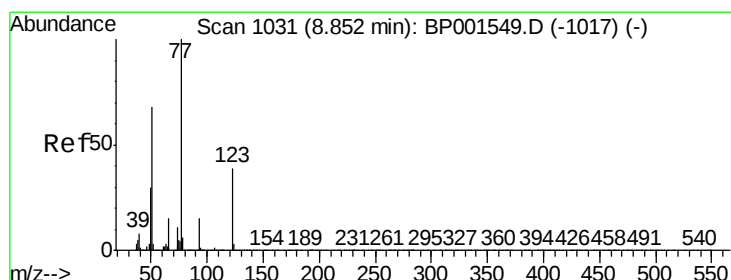
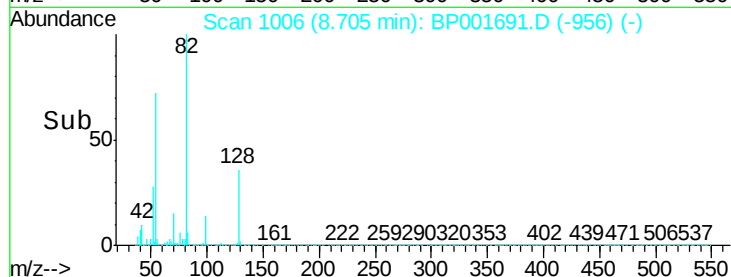
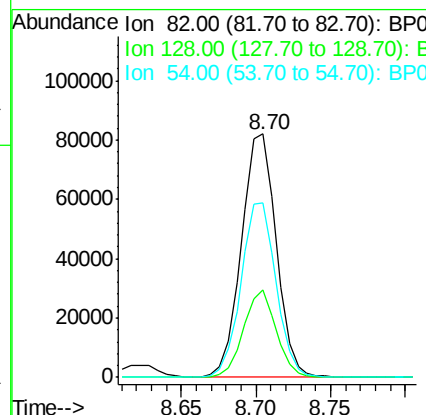
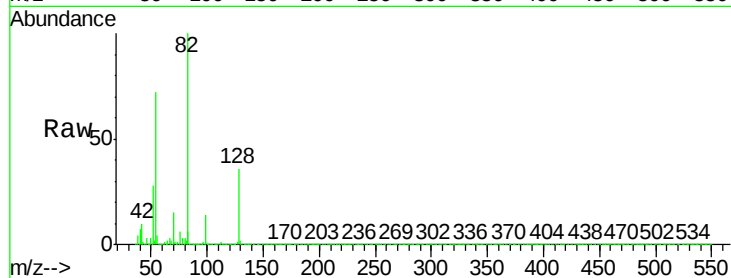
#23
 Nitrobenzene-d5
 Concen: 75.263 ng
 RT: 8.70 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BP001691.D
 Acq: 27 Jan 2020 15:16

Instrument :
 BNA_P
 ClientSampleID :
 PB126358BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.4	42.6
54	71.8	53.4	80.2

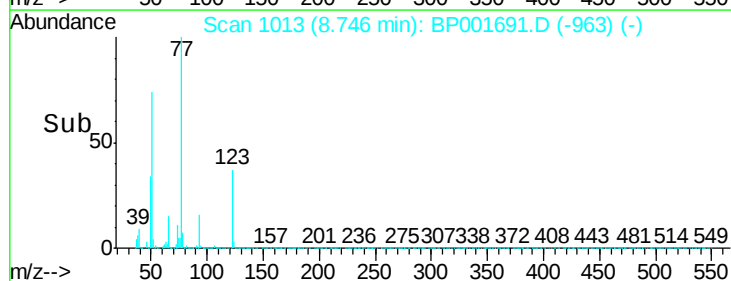
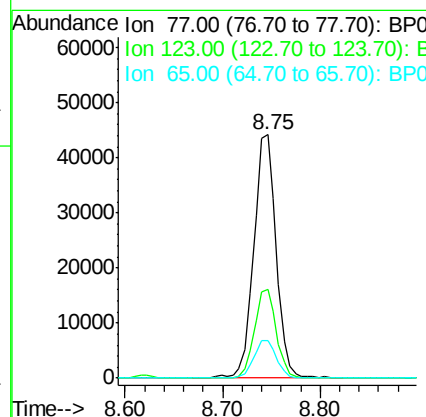
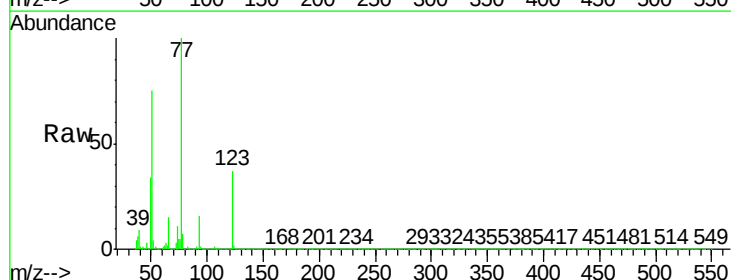
Manual Integrations
 APPROVED

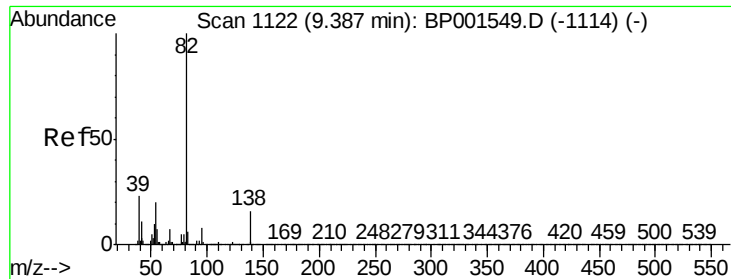
mohammad
 1/28/2020 1:14:25 PM



#24
 Nitrobenzene
 Concen: 39.935 ng
 RT: 8.75 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BP001691.D
 Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.7	31.1	46.7
65	15.4	12.4	18.6





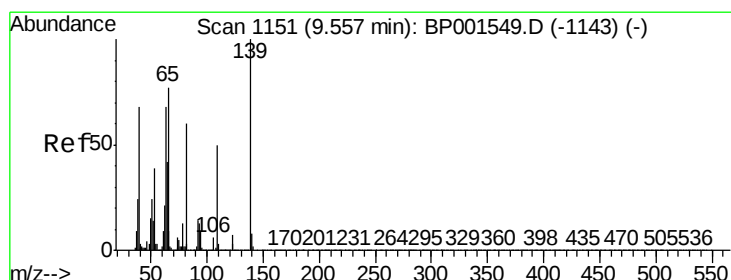
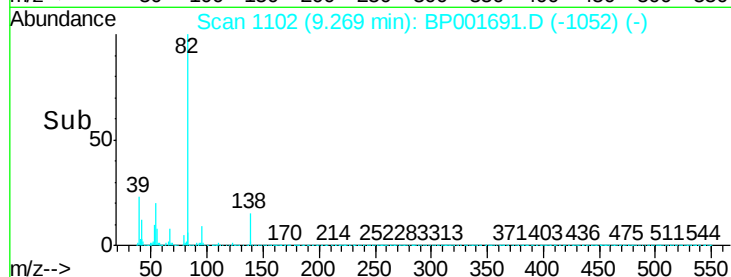
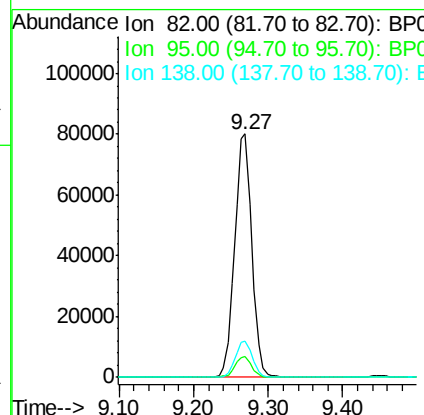
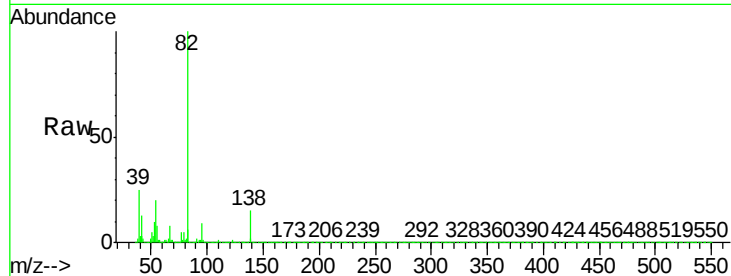
#25
Isophorone
Concen: 40.780 ng
RT: 9.27 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampled :
PB126358BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	8.8	6.7	10.1
138	15.1	12.5	18.7

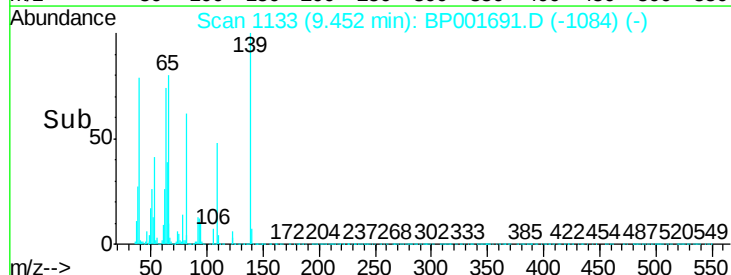
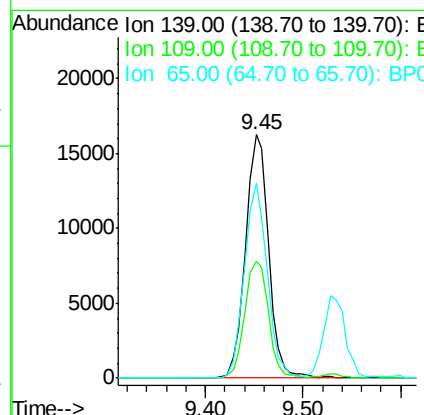
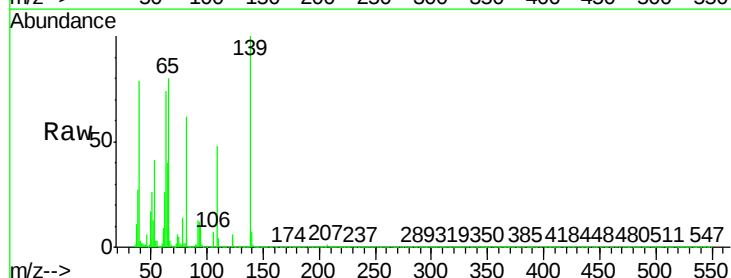
Manual Integrations
APPROVED

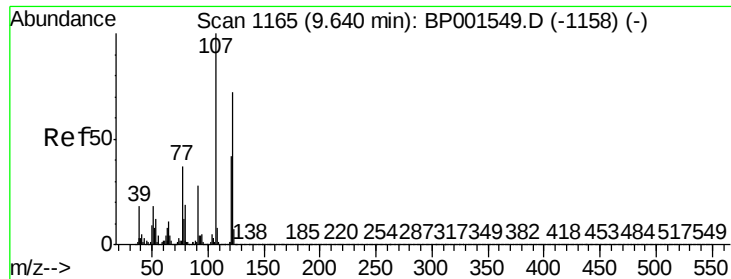
mohammad
1/28/2020 1:14:25 PM



#26
2-Nitrophenol
Concen: 39.896 ng
RT: 9.45 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	48.1	39.6	59.4
65	80.2	61.3	91.9





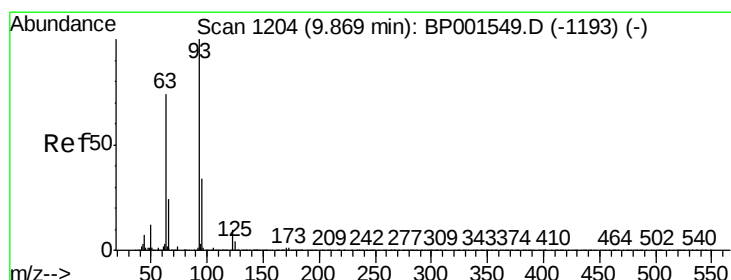
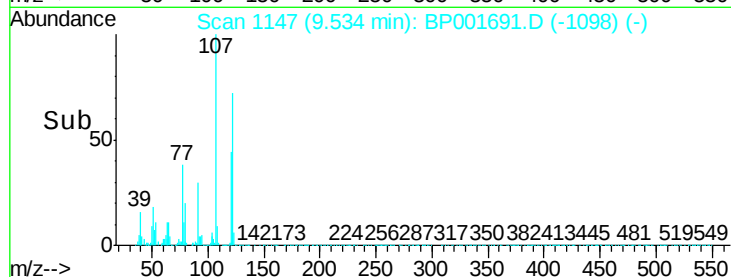
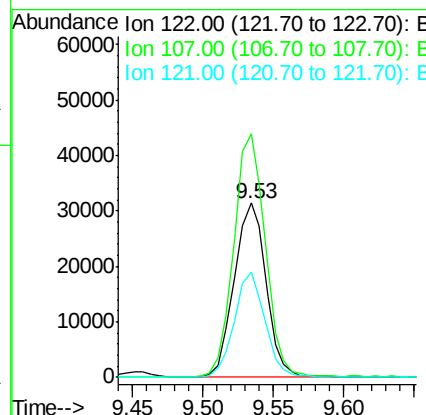
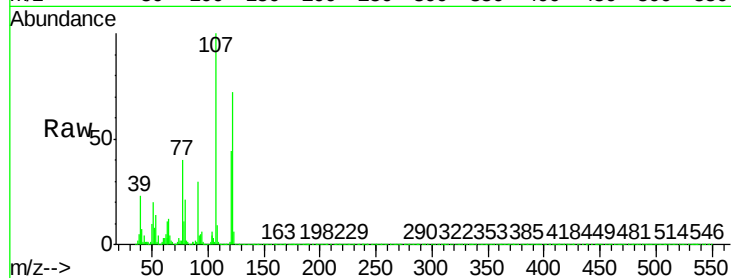
#27
2,4-Dimethylphenol
Concen: 49.354 ng
RT: 9.53 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.7	111.8	167.6
121	60.8	47.4	71.0

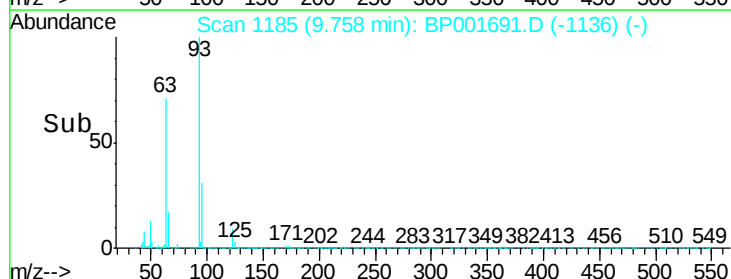
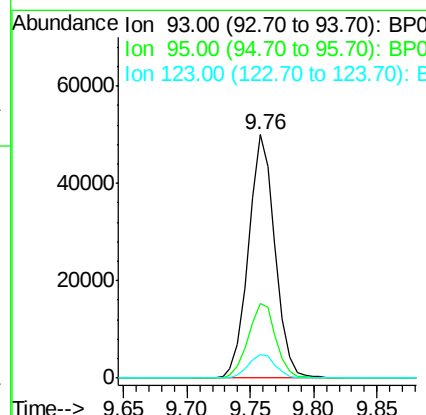
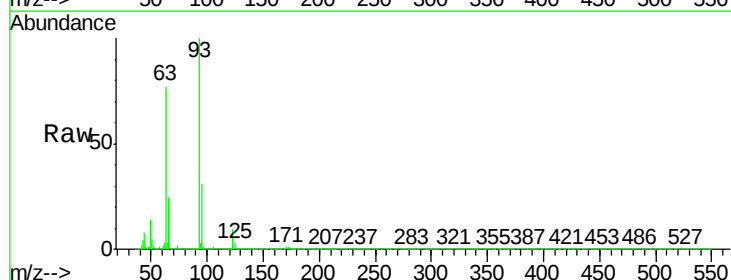
Manual Integrations
APPROVED

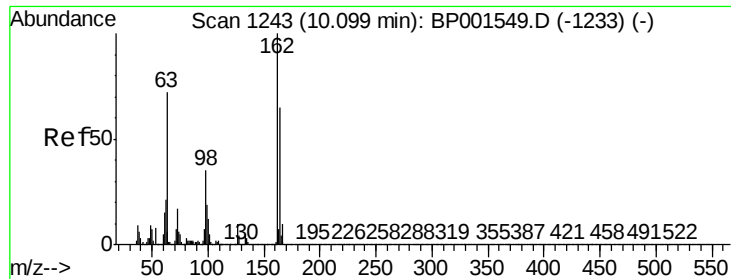
mohammad
1/28/2020 1:14:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.112 ng
RT: 9.76 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	26.9	40.3
123	9.6	8.0	12.0





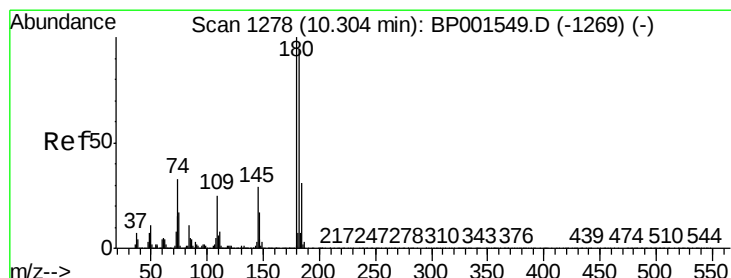
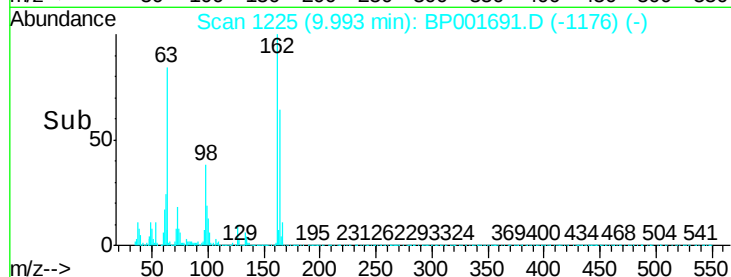
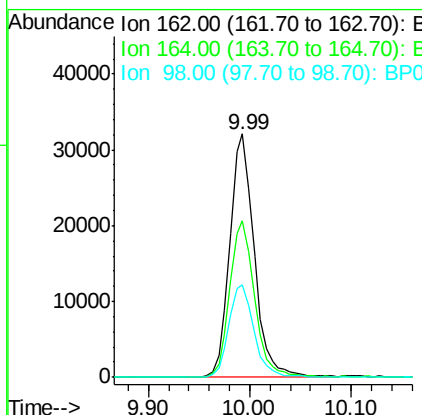
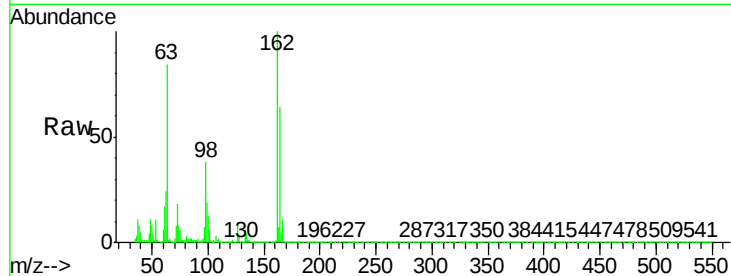
#29
2,4-Dichlorophenol
Concen: 39.193 ng
RT: 9.99 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion:	162	Resp:	54015
Ion Ratio	Lower	Upper	
162	100		
164	64.1	44.9	84.9
98	38.2	14.9	54.9

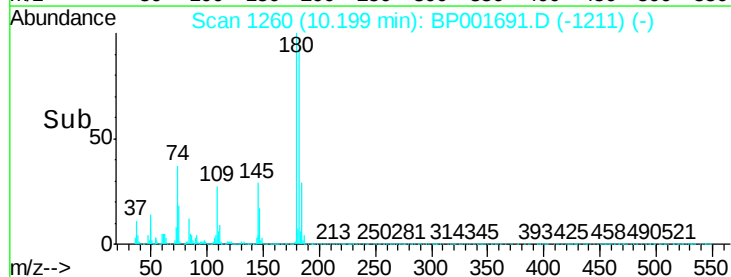
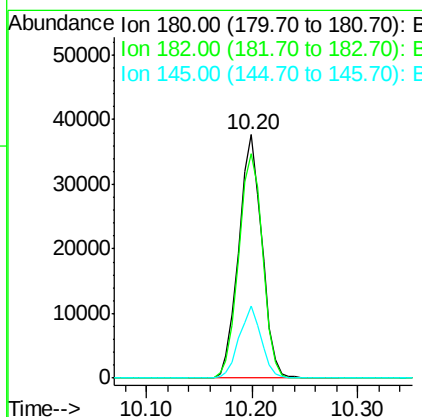
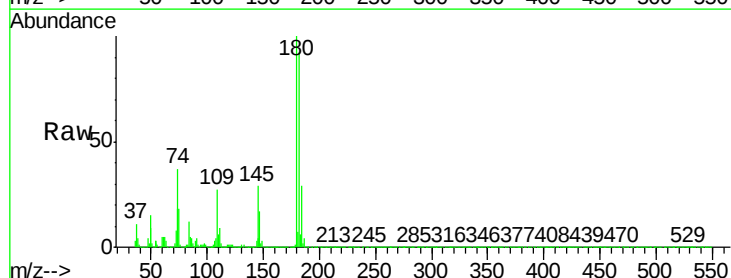
Manual Integrations
APPROVED

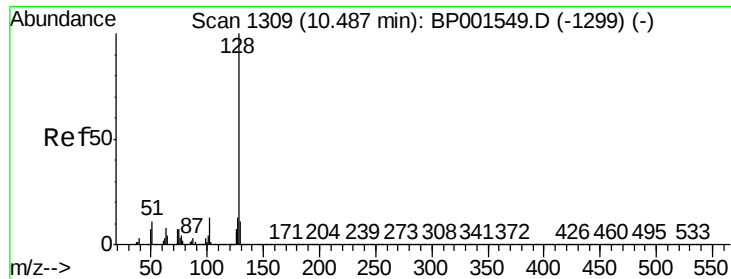
mohammad
1/28/2020 1:14:25 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.167 ng
RT: 10.20 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion:	180	Resp:	56844
Ion Ratio	Lower	Upper	
180	100		
182	92.0	75.2	112.8
145	29.4	22.9	34.3





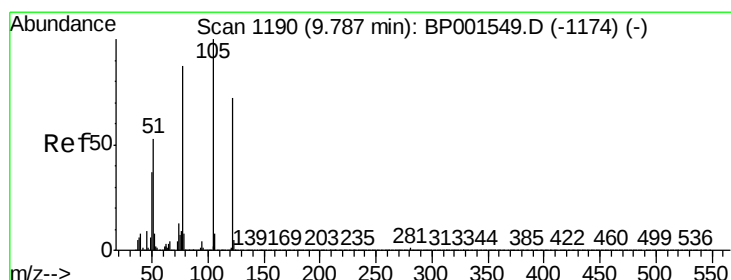
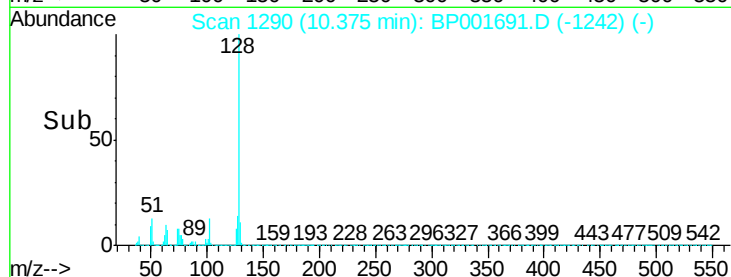
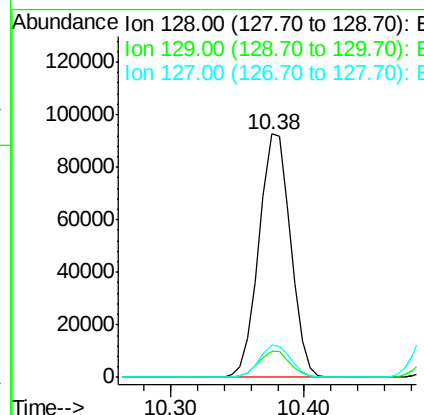
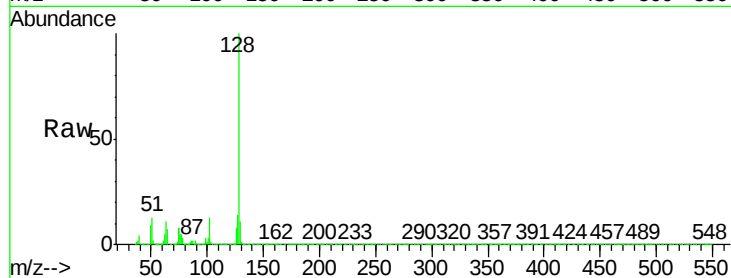
#31
Naphthalene
Concen: 37.292 ng
RT: 10.38 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.5	8.9	13.3	
127	13.5	10.6	16.0	

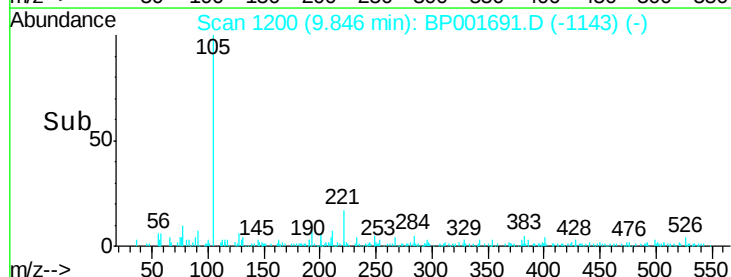
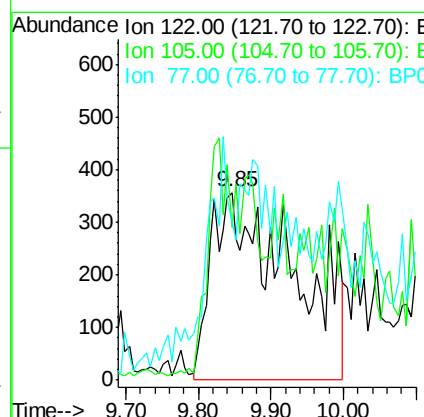
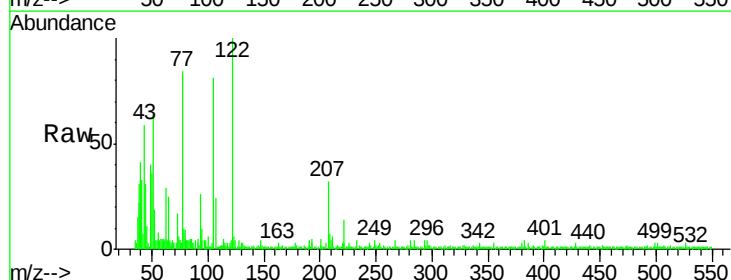
Manual Integrations
APPROVED

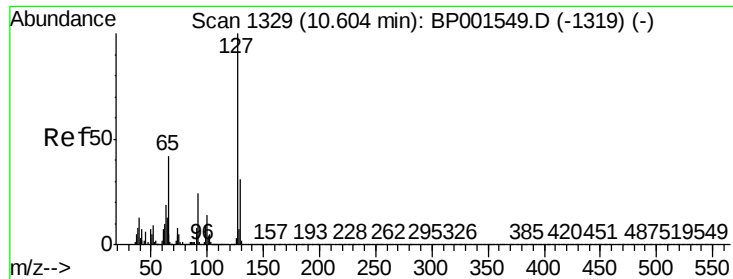
mohammad
1/28/2020 1:14:25 PM



#32
Benzoic acid
Concen: 7.444 ng m
RT: 9.85 min Scan# 1200
Delta R.T. 0.04 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	81.2	119.5	159.5#	
77	84.3	102.8	142.8#	





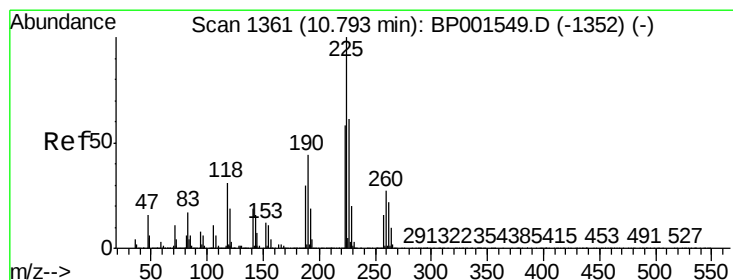
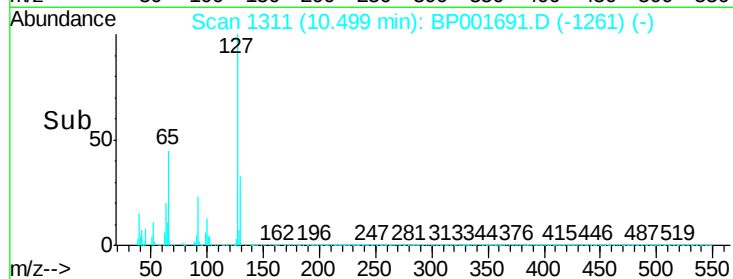
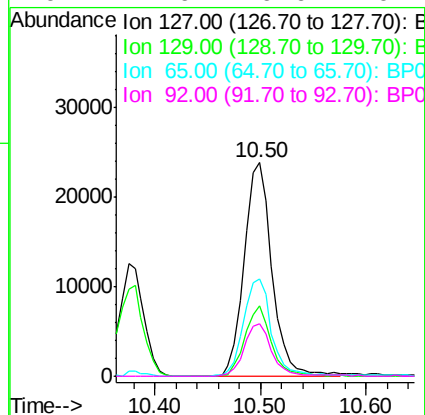
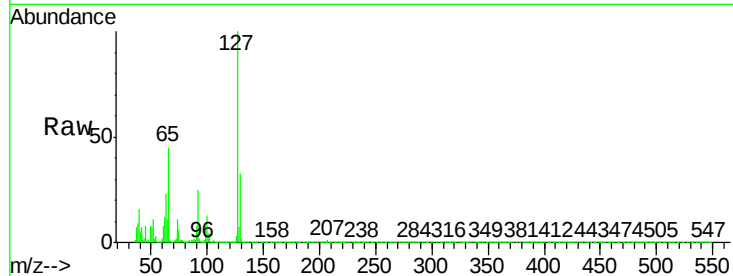
#33
4-Chloroaniline
Concen: 23.252 ng
RT: 10.50 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.0	24.9	37.3
65	45.5	33.3	49.9
92	24.6	19.6	29.4

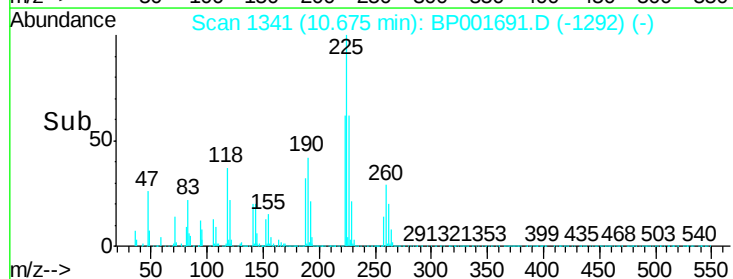
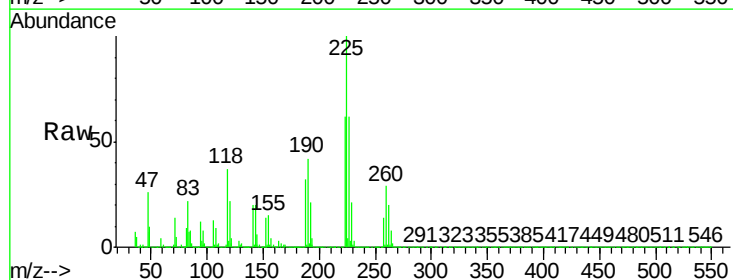
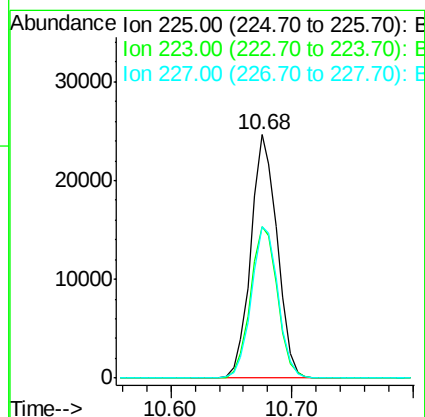
Manual Integrations
APPROVED

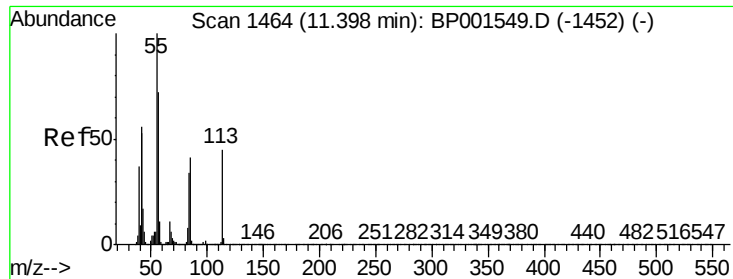
mohammad
1/28/2020 1:14:25 PM



#34
Hexachlorobutadiene
Concen: 31.753 ng
RT: 10.68 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	46.5	69.7
227	62.0	48.8	73.2





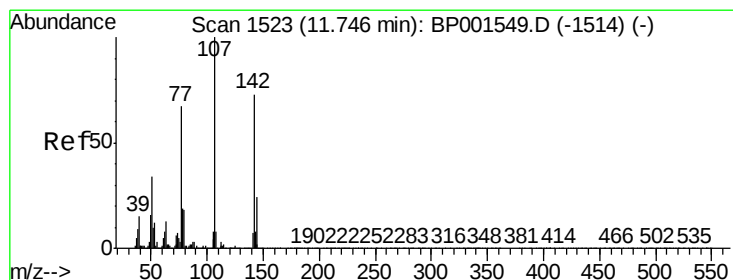
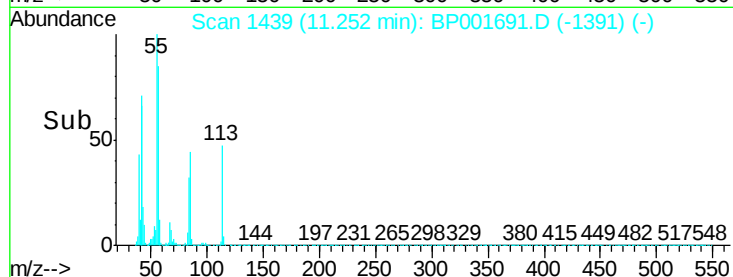
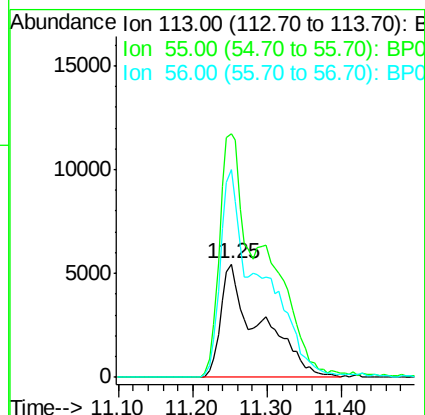
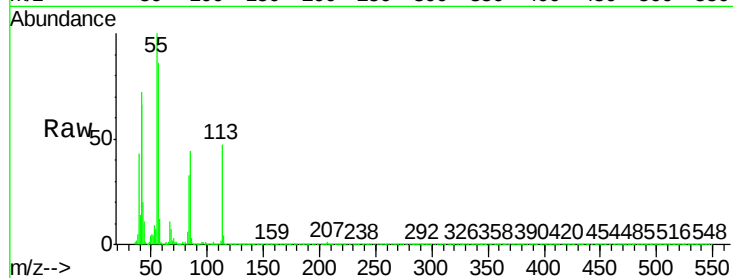
#35
Caprolactam
Concen: 39.860 ng/ml
RT: 11.25 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleID :
PB126358BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		19948		
55	214.4		202.7	242.7	
56	183.4		140.0	180.0	

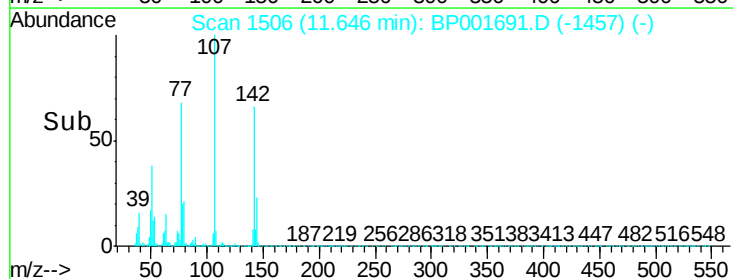
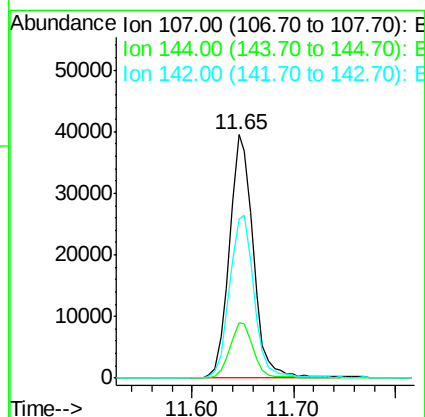
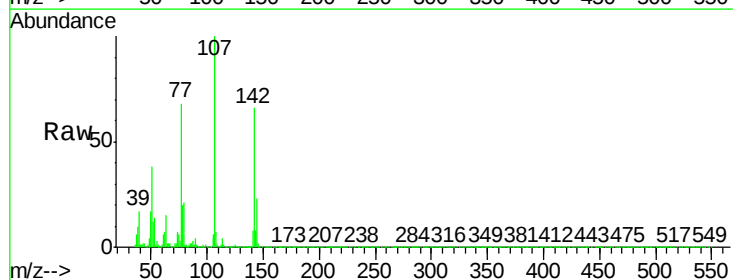
Manual Integrations
APPROVED

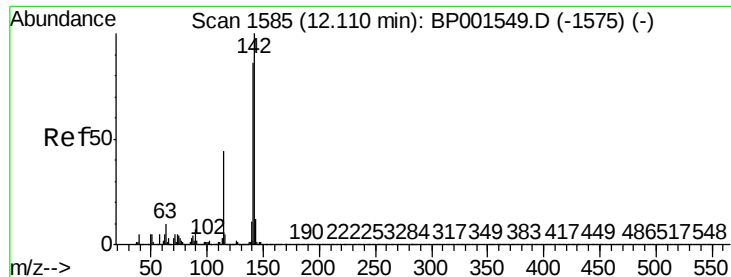
mohammad
1/28/2020 1:14:25 PM



#36
4-Chloro-3-methylphenol
Concen: 39.071 ng
RT: 11.65 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		64622		
144	22.8		18.9	28.3	
142	65.6		58.0	87.0	





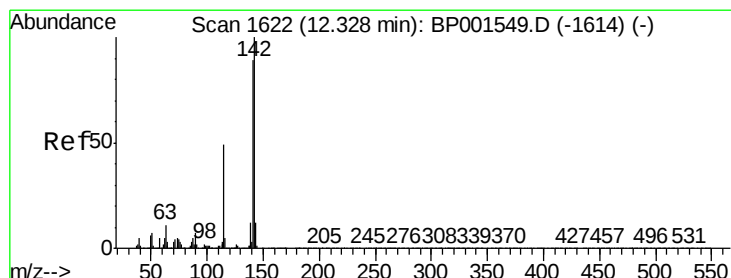
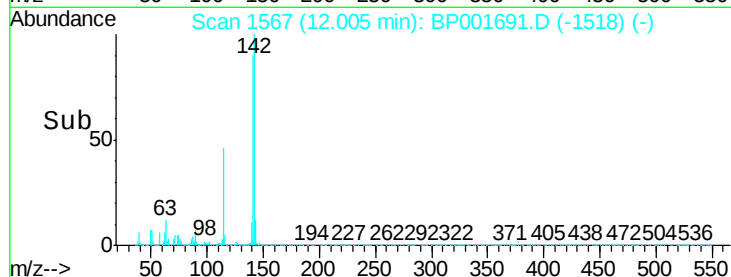
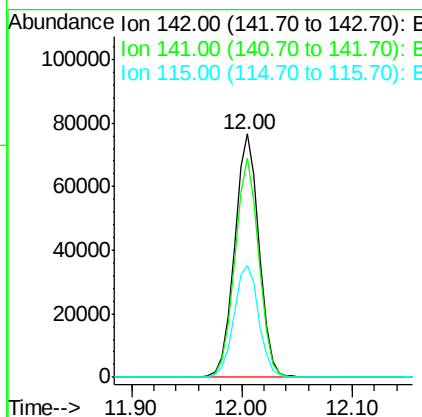
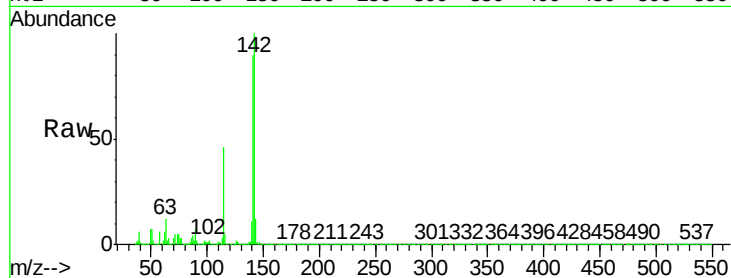
#37
2-Methylnaphthalene
Concen: 36.665 ng
RT: 12.00 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampled :
PB126358BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	68.4	102.6
115	46.0	35.1	52.7

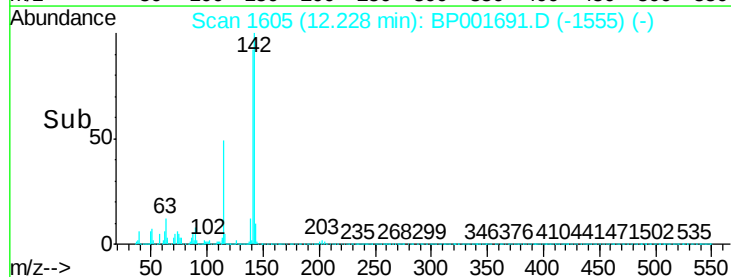
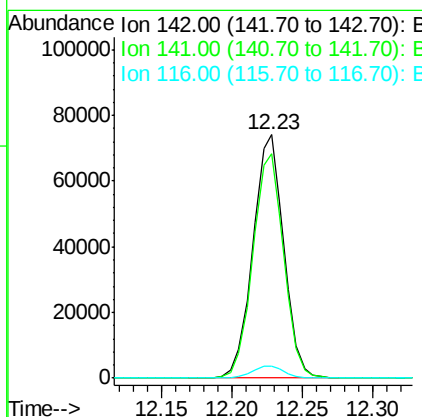
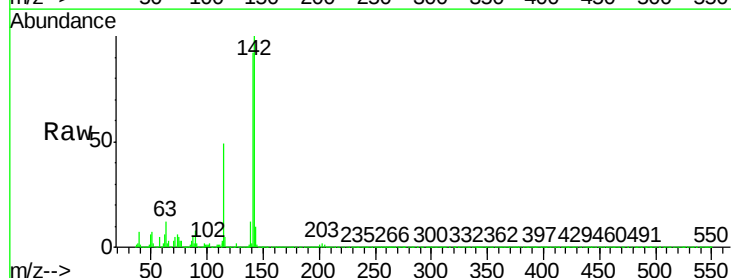
Manual Integrations
APPROVED

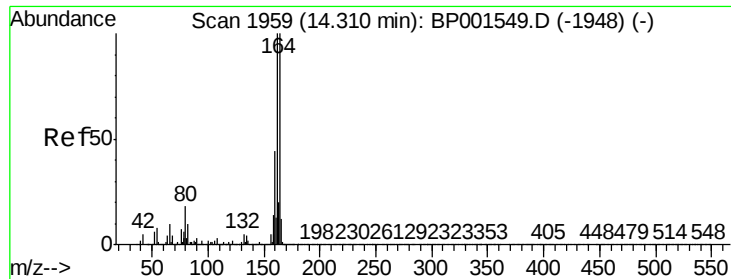
mohammad
1/28/2020 1:14:25 PM



#38
1-Methylnaphthalene
Concen: 36.346 ng
RT: 12.23 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.9	106.3
116	4.7	4.1	6.1





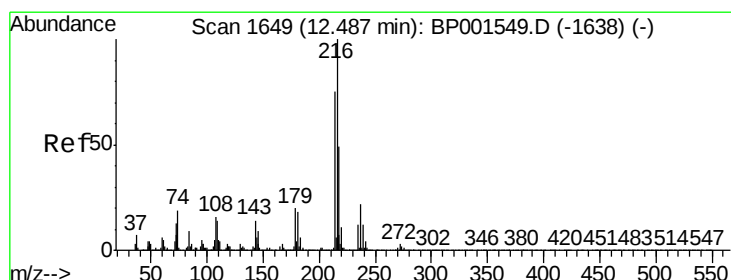
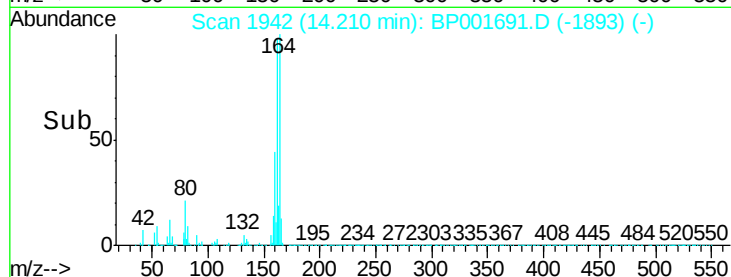
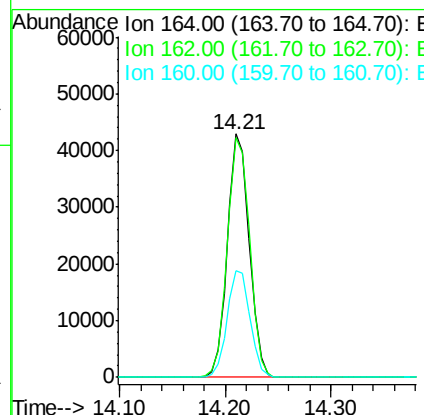
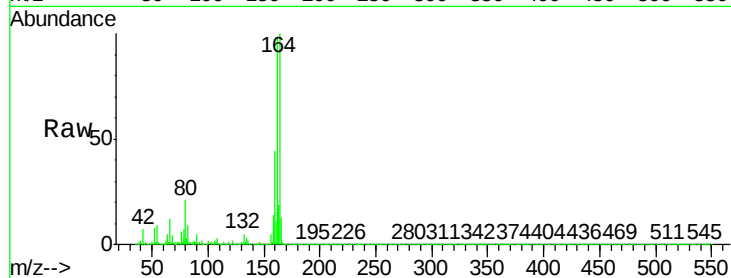
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.8	119.6
160	44.0	35.0	52.6

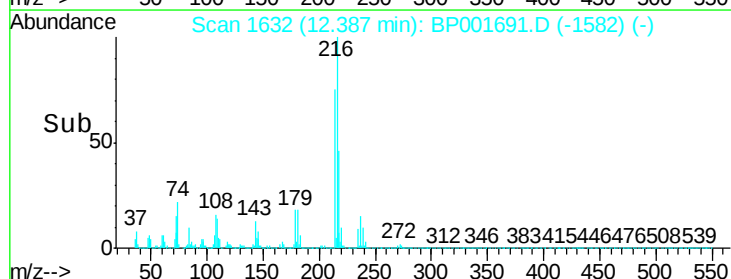
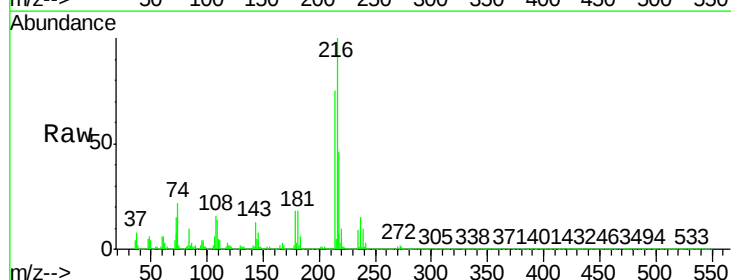
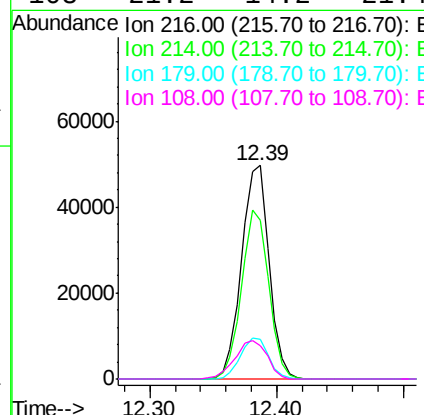
Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:25 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.454 ng
RT: 12.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	61.3	91.9
179	19.6	15.7	23.5
108	21.2	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 59.988 ng

RT: 12.37 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Instrument :

BNA_P

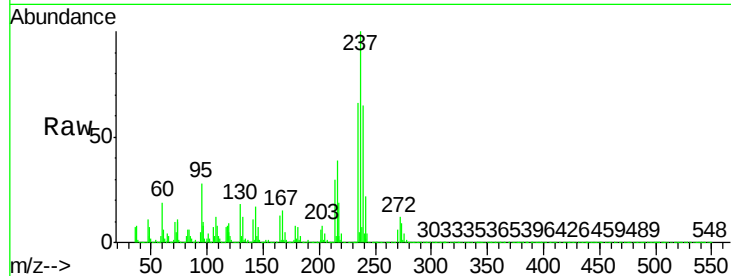
ClientSampleId :

PB126358BS

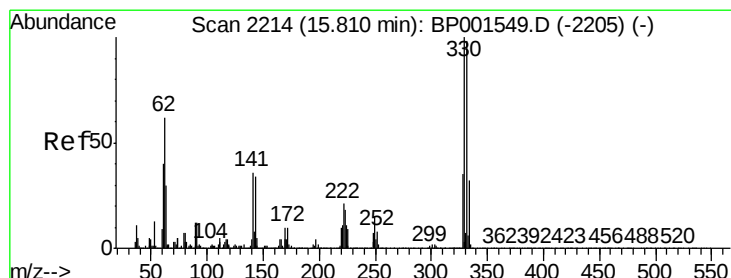
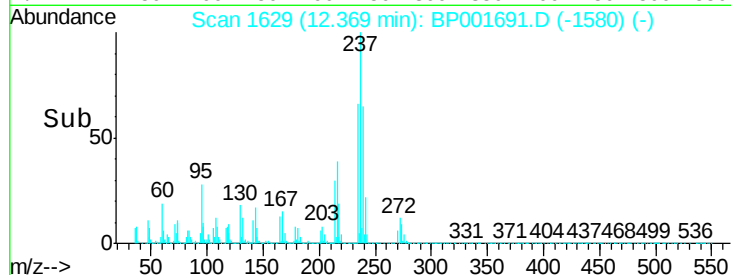
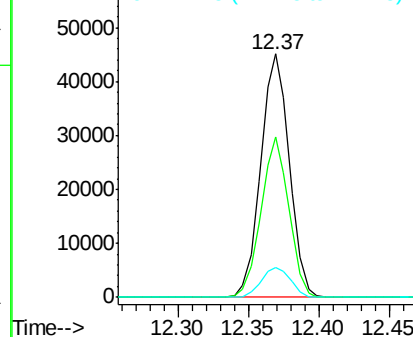
Tot Ion:	237	Resp:	64156
Ion Ratio	Lower	Upper	
237	100		
235	65.7	41.6	81.6
272	12.1	0.0	31.2

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:25 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 86.387 ng

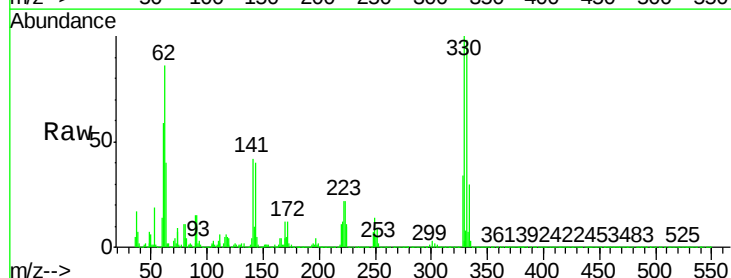
RT: 15.72 min Scan# 2198

Delta R.T. -0.01 min

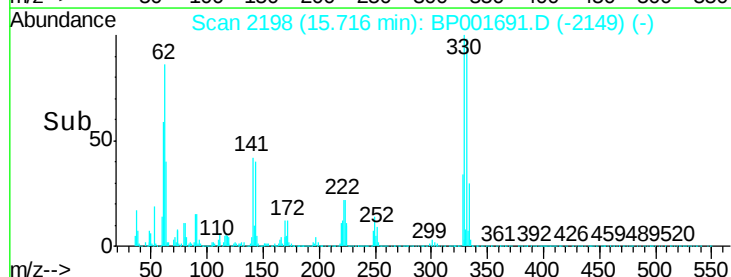
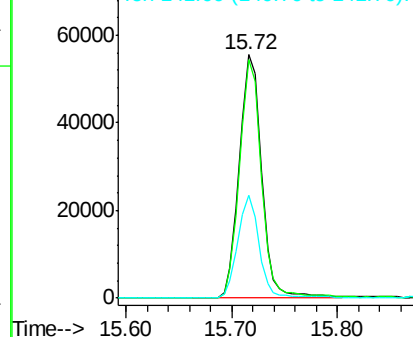
Lab File: BP001691.D

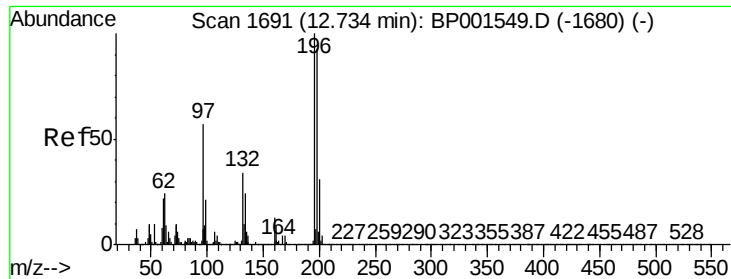
Acq: 27 Jan 2020 15:16

Tgt Ion:	330	Resp:	80936
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.8	116.6
141	40.8	28.7	43.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





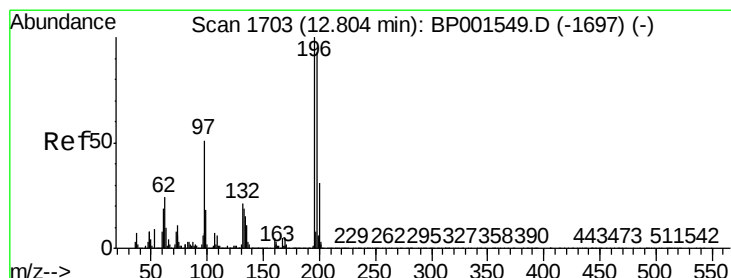
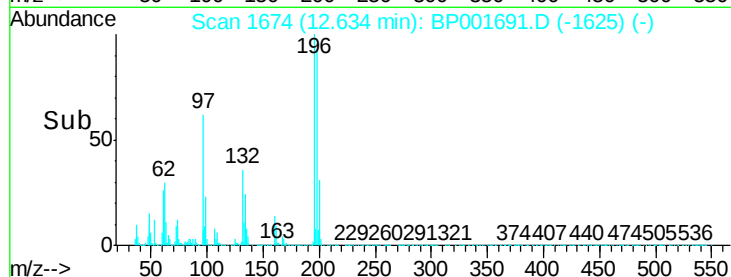
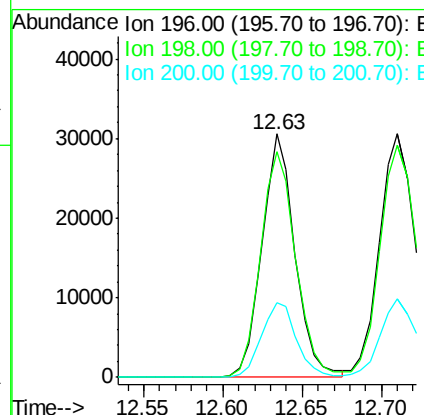
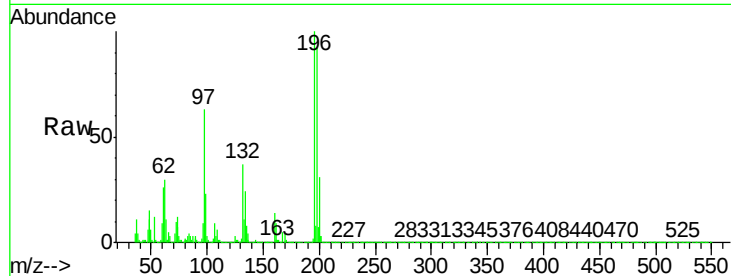
#43
2,4,6-Trichlorophenol
Concen: 32.706 ng
RT: 12.63 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.5	74.2	111.4
200	30.8	24.6	37.0

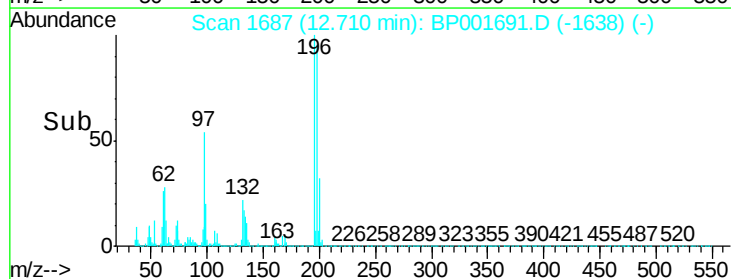
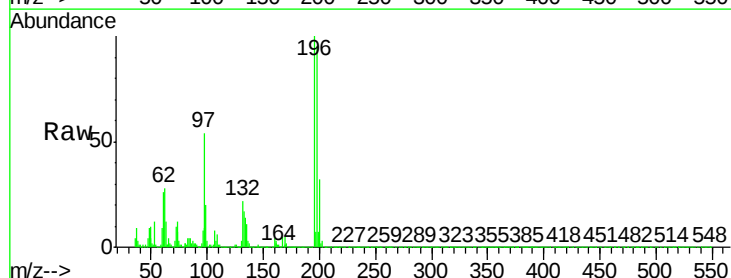
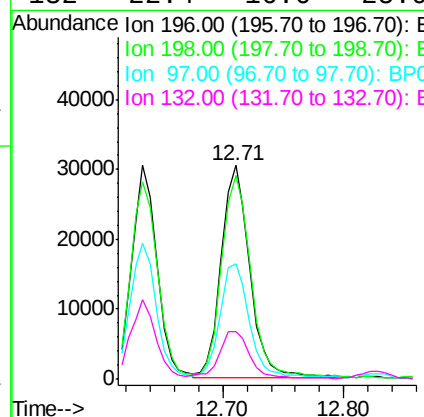
Manual Integrations
APPROVED

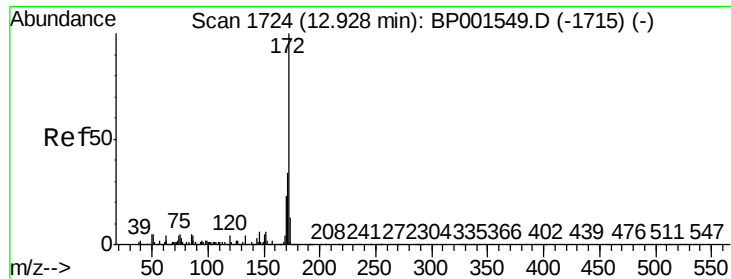
mohammad
1/28/2020 1:14:25 PM



#44
2,4,5-Trichlorophenol
Concen: 34.529 ng
RT: 12.71 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.6	111.8
97	53.7	41.0	61.6
132	22.4	16.6	25.0





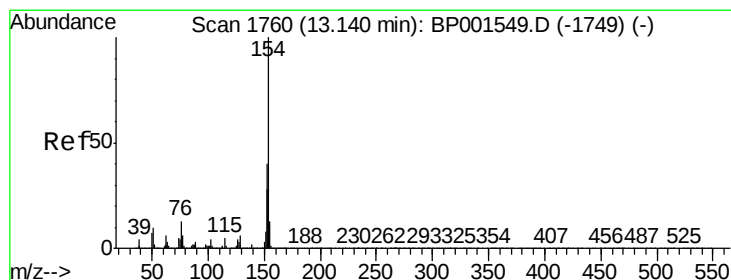
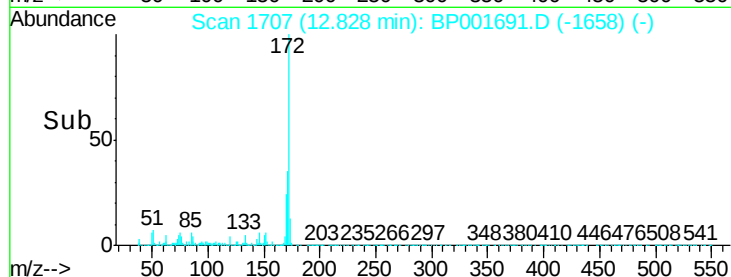
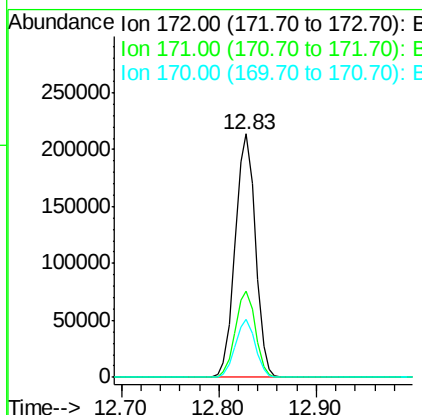
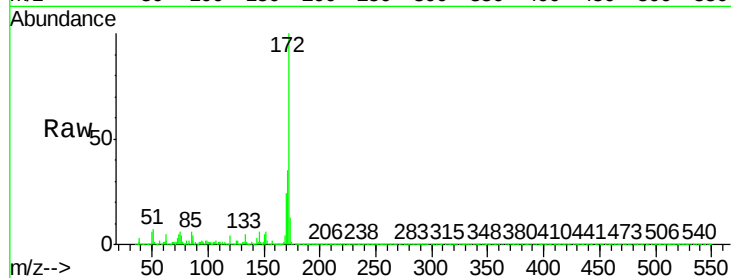
#45
2-Fluorobiphenyl
Concen: 73.360 ng
RT: 12.83 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampled :
PB126358BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.6	41.4
170	23.7	18.3	27.5

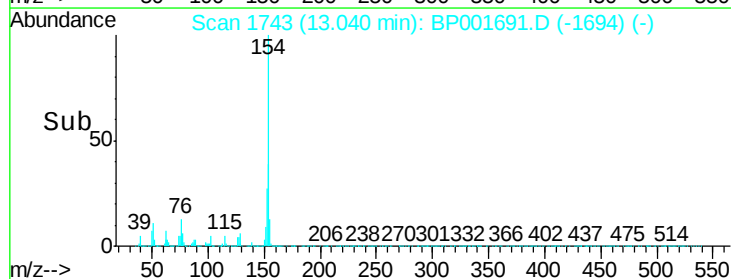
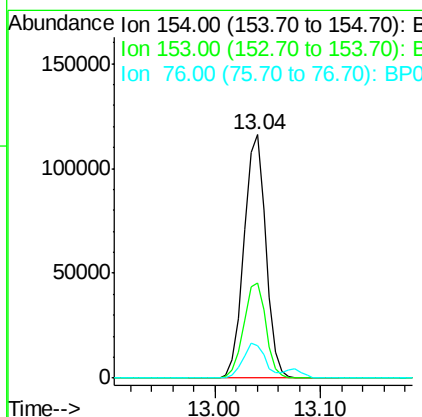
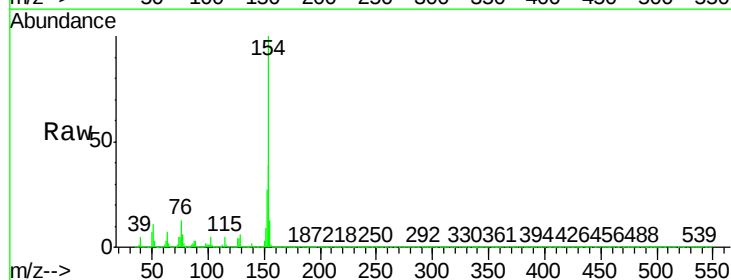
Manual Integrations
APPROVED

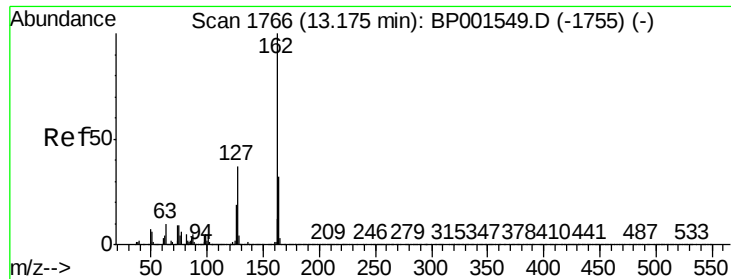
mohammad
1/28/2020 1:14:25 PM



#46
1,1'-Biphenyl
Concen: 37.512 ng
RT: 13.04 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	19.5	59.5
76	13.4	0.0	33.1





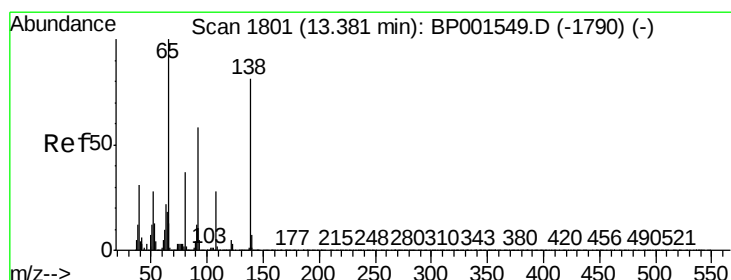
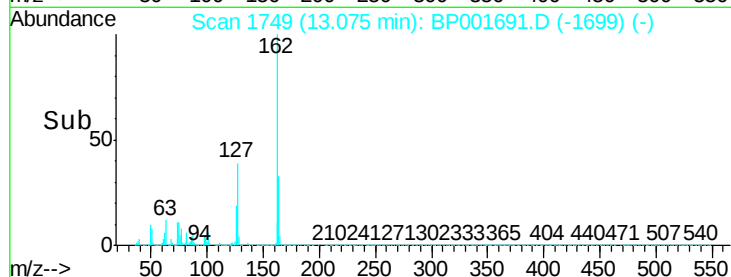
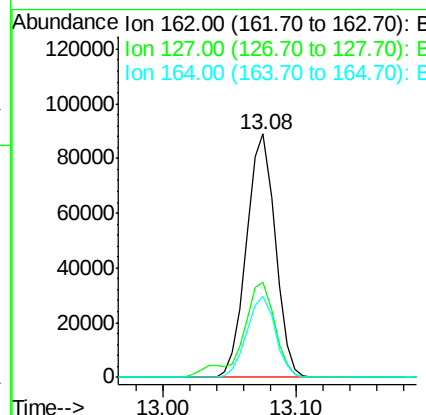
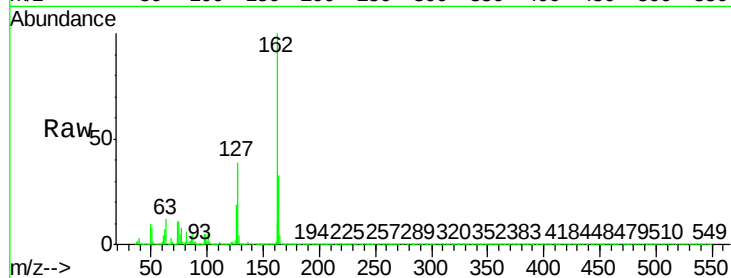
#47
2-Chloronaphthalene
Concen: 36.007 ng
RT: 13.08 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	29.9	44.9
164	33.3	26.0	39.0

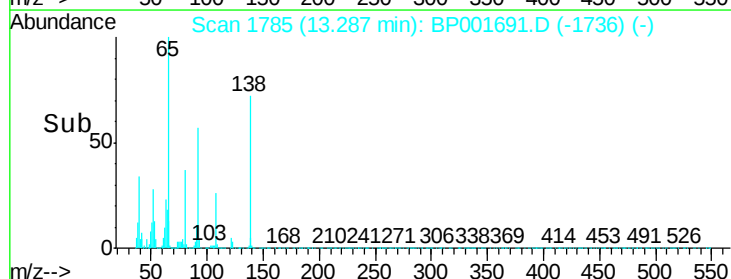
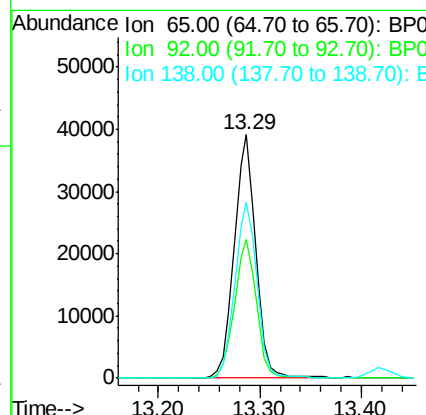
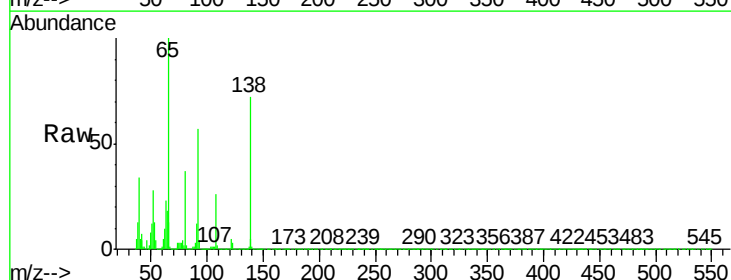
Manual Integrations
APPROVED

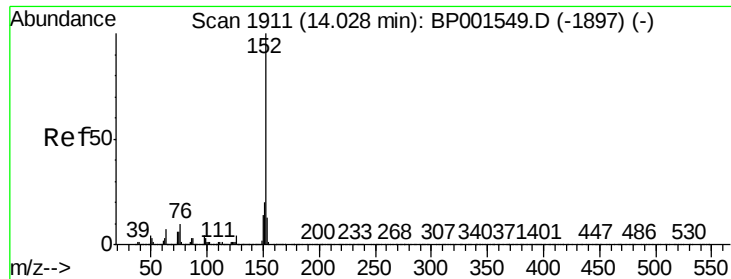
mohammad
1/28/2020 1:14:25 PM



#48
2-Nitroaniline
Concen: 40.142 ng
RT: 13.29 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.0	46.2	69.2
138	72.3	64.7	97.1





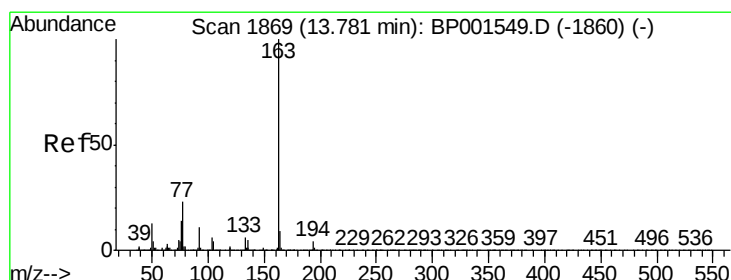
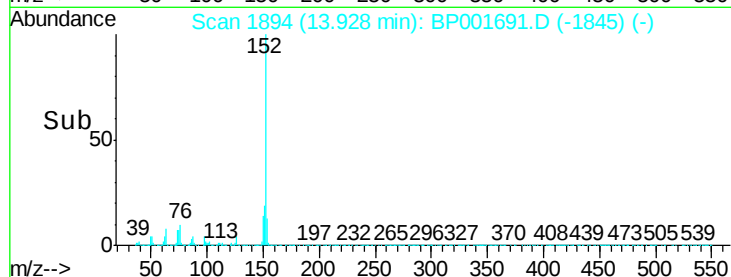
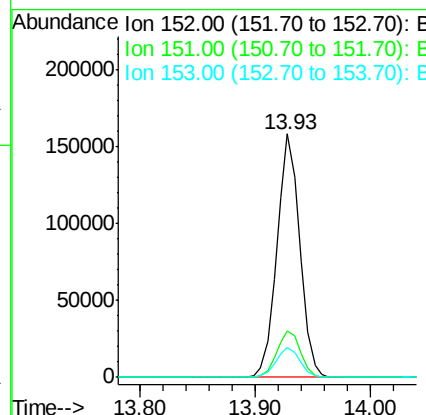
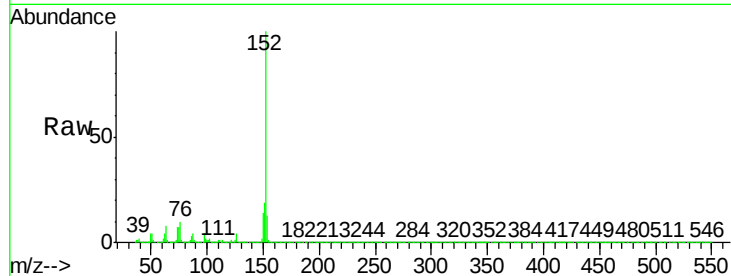
#49
Acenaphthylene
Concen: 38.400 ng
RT: 13.93 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.9	23.9
153	12.5	10.4	15.6

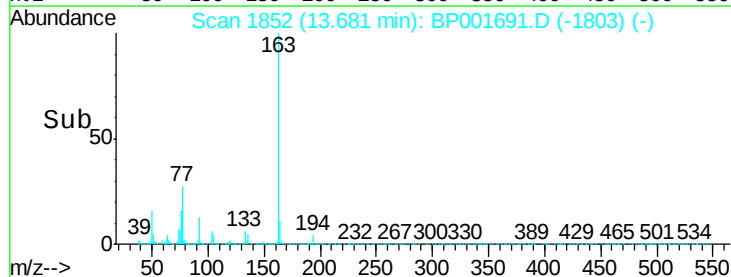
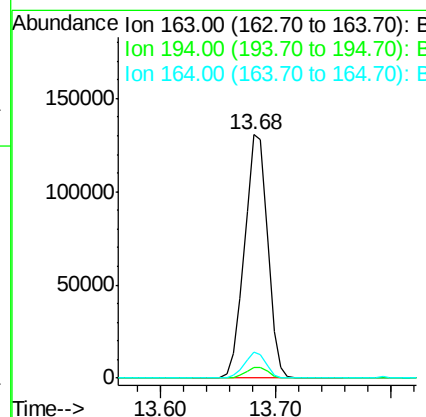
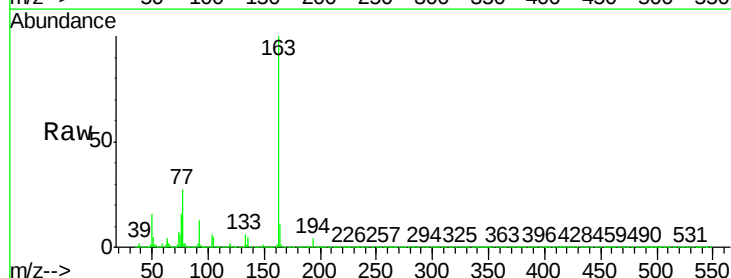
Manual Integrations
APPROVED

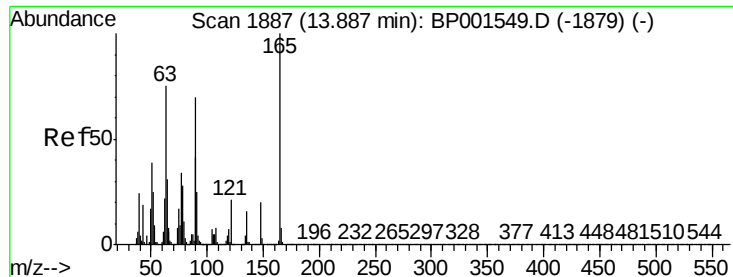
mohammad
1/28/2020 1:14:25 PM



#50
Dimethylphthalate
Concen: 35.700 ng
RT: 13.68 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.7	7.5	11.3





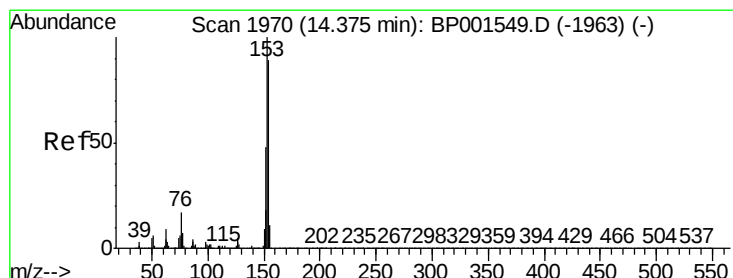
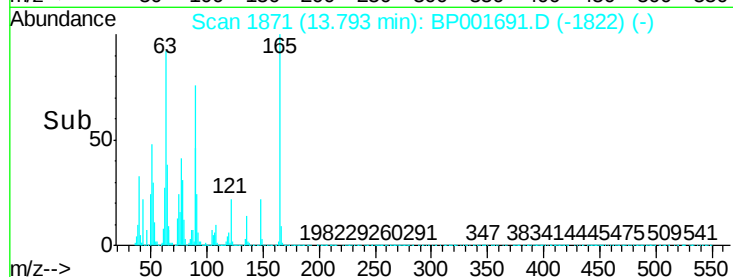
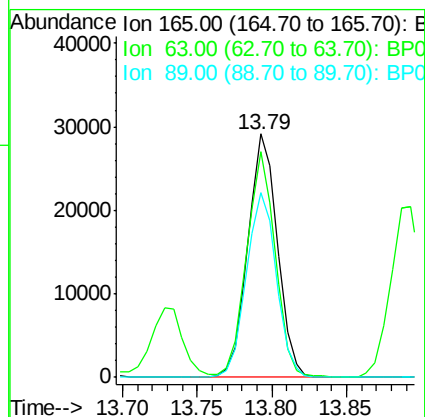
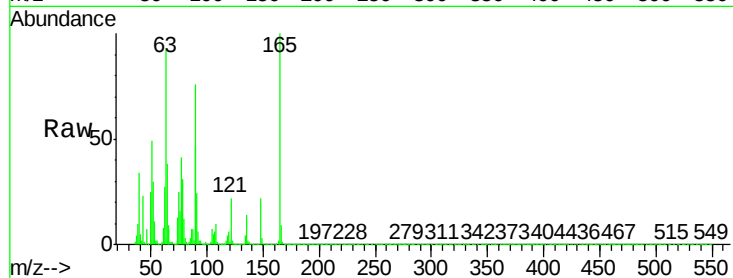
#51
 2,6-Dinitrotoluene
 Concen: 36.951 ng
 RT: 13.79 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BP001691.D
 Acq: 27 Jan 2020 15:16

Instrument :
 BNA_P
 ClientSampleId :
 PB126358BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	92.5	60.9	91.3#
89	76.0	55.7	83.5

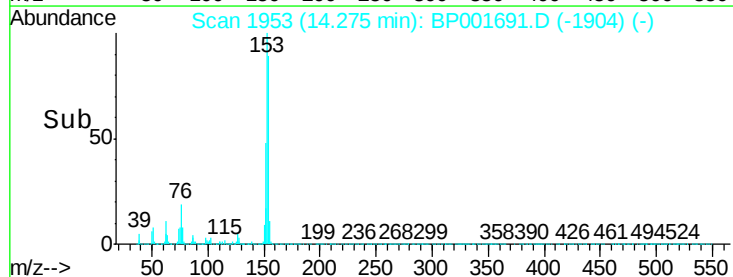
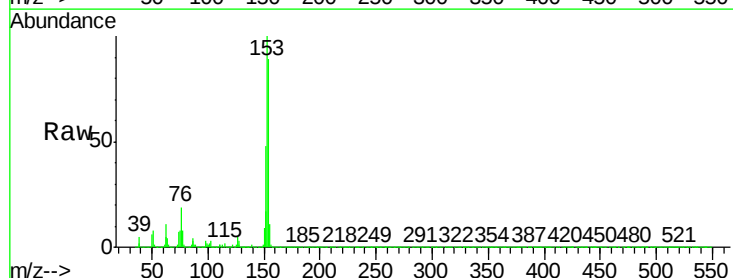
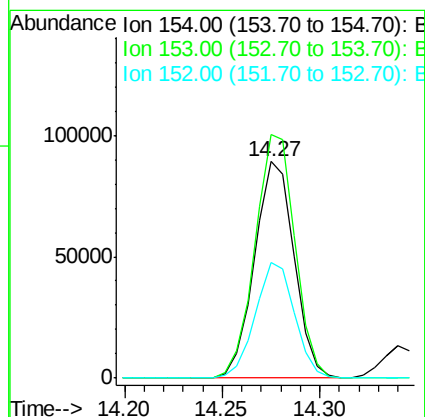
Manual Integrations
 APPROVED

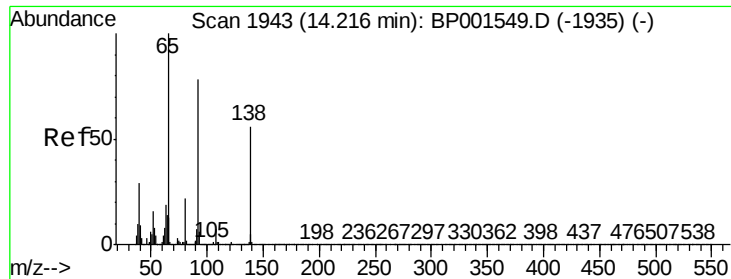
mohammad
 1/28/2020 1:14:25 PM



#52
 Acenaphthene
 Concen: 35.854 ng
 RT: 14.27 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BP001691.D
 Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.4	134.2
152	53.6	42.6	64.0





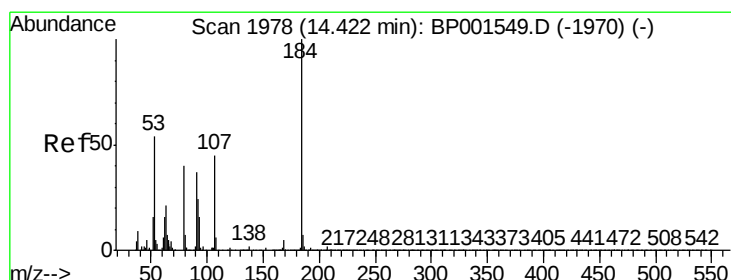
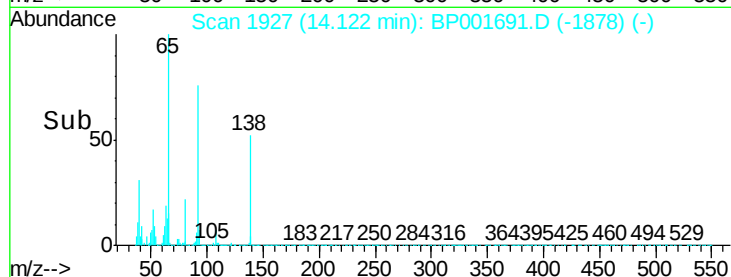
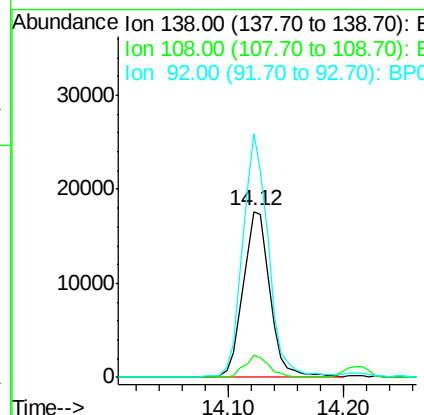
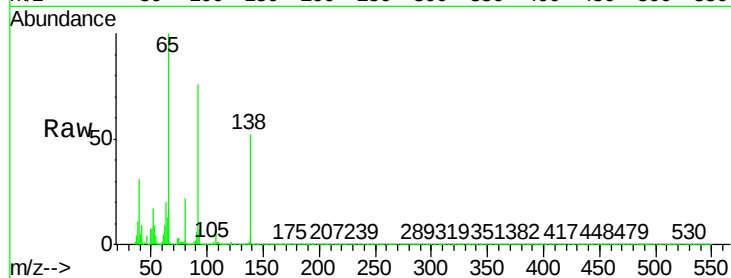
#53
3-Nitroaniline
Concen: 24.988 ng
RT: 14.12 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.1	9.9	14.9
92	146.7	110.6	166.0

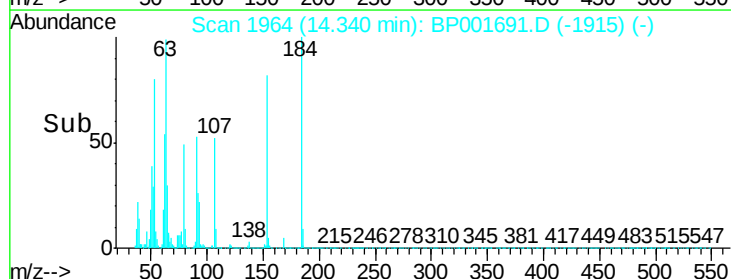
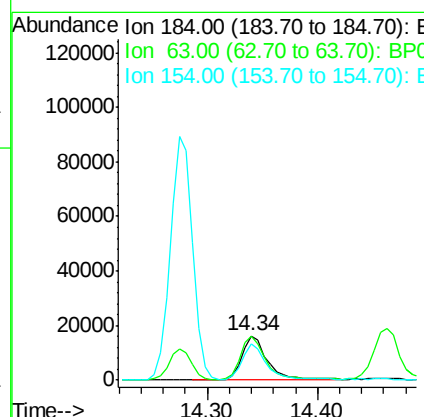
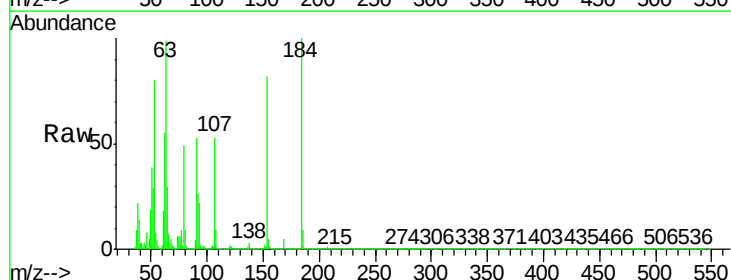
Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:25 PM



#54
2,4-Dinitrophenol
Concen: 44.215 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	99.1	59.7	89.5#
154	82.3	53.9	80.9#





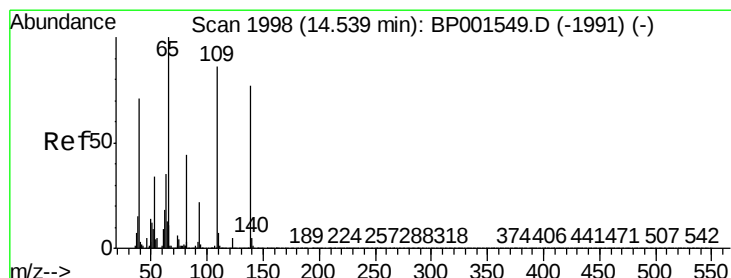
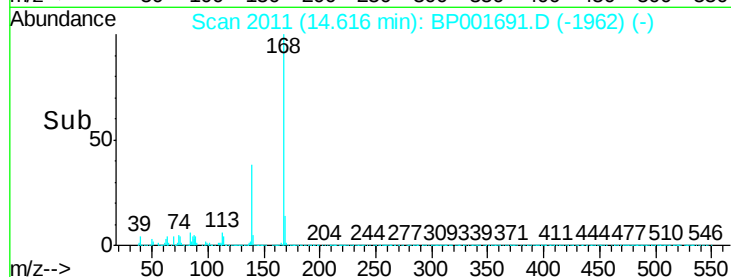
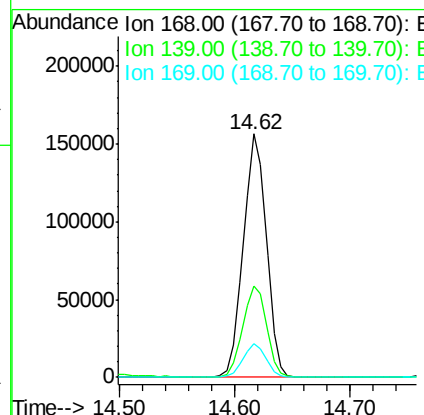
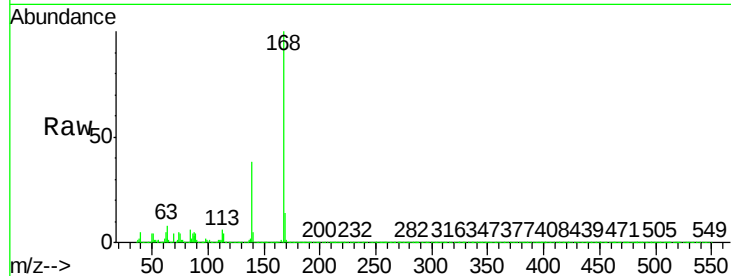
#55
Dibenzofuran
Concen: 36.637 ng
RT: 14.62 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.2	45.4
169	13.8	10.6	16.0

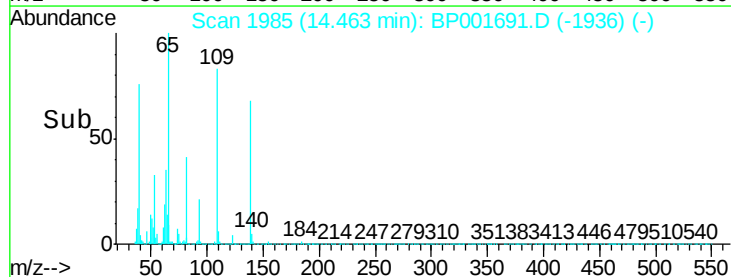
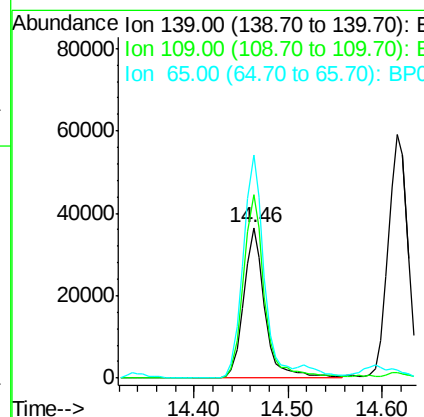
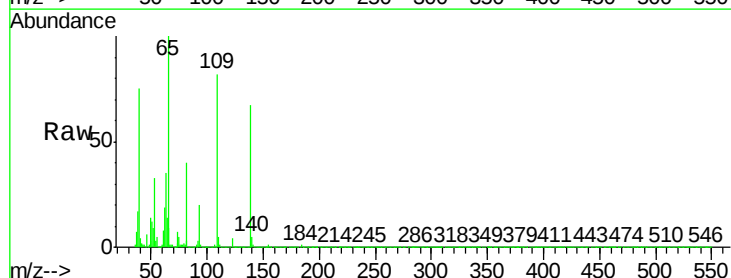
Manual Integrations
APPROVED

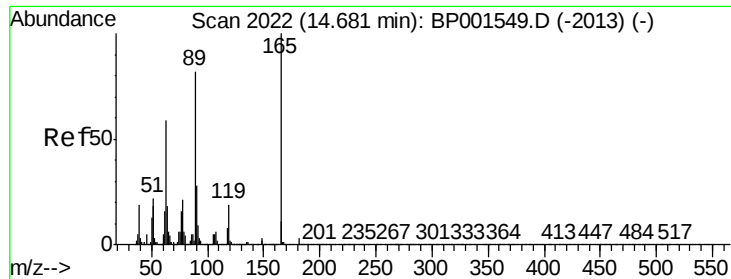
mohammad
1/28/2020 1:14:25 PM



#56
4-Nitrophenol
Concen: 62.875 ng
RT: 14.46 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	122.1	92.7	132.7
65	148.9	111.1	151.1





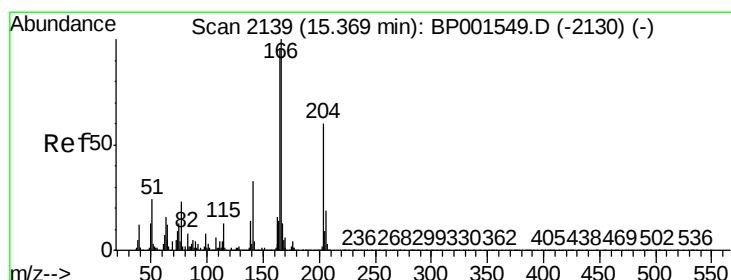
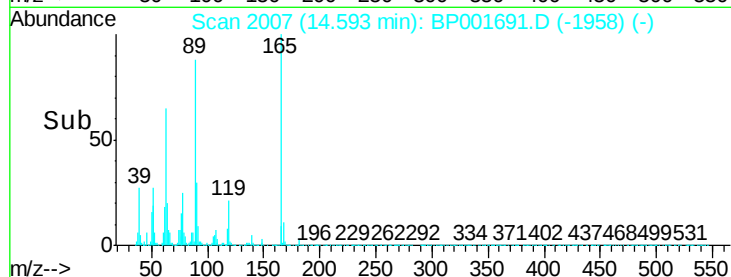
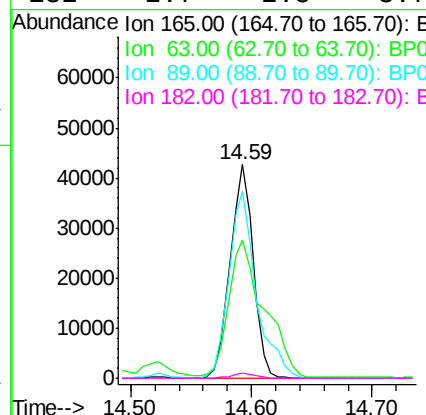
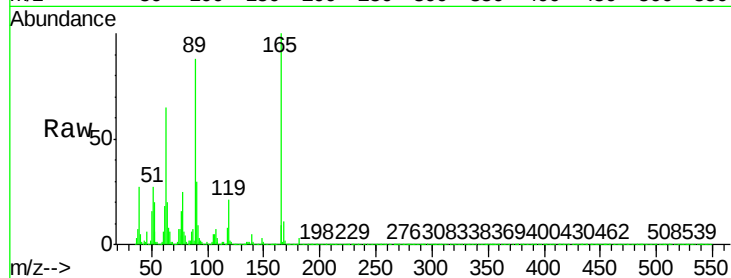
#57
2,4-Dinitrotoluene
Concen: 35.900 ng
RT: 14.59 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	64.9	47.3	70.9		
89	87.6	65.4	98.0		
182	2.7	2.5	3.7		

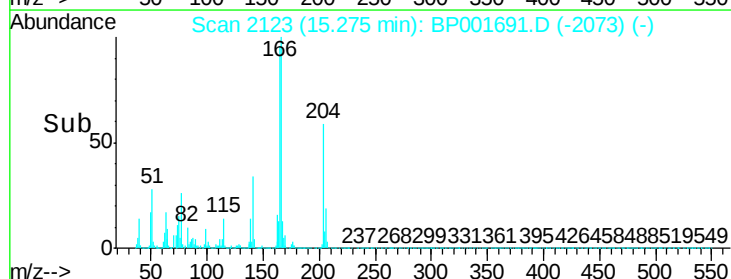
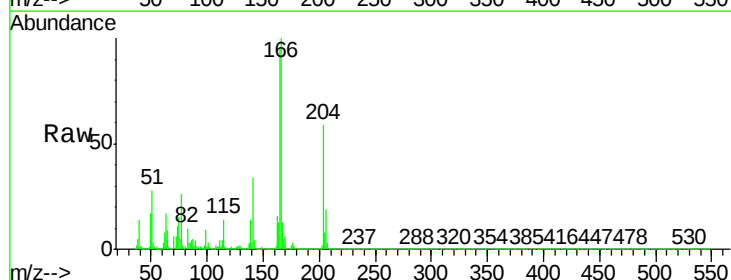
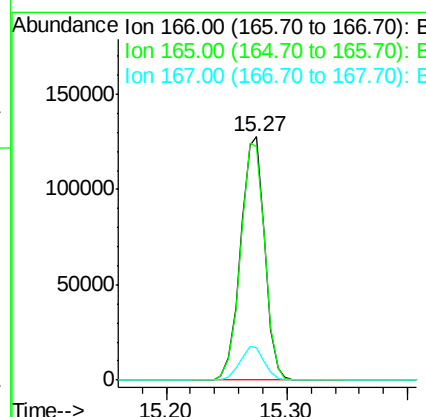
Manual Integrations
APPROVED

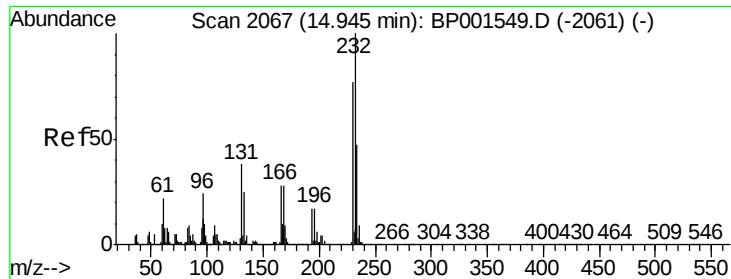
mohammad
1/28/2020 1:14:25 PM



#58
Fluorene
Concen: 36.784 ng
RT: 15.27 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	95.8	76.9	115.3		
167	13.2	10.3	15.5		





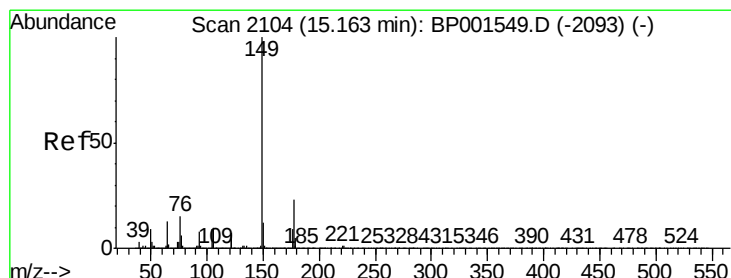
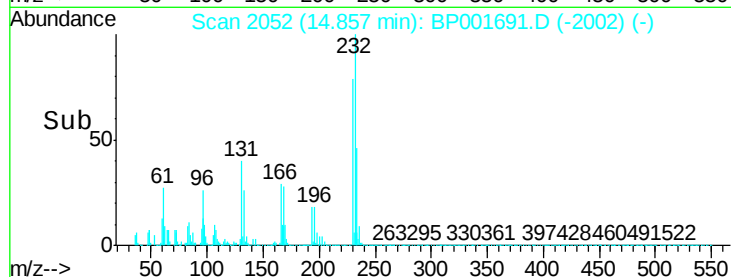
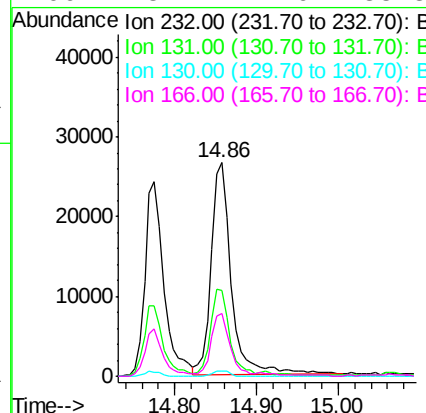
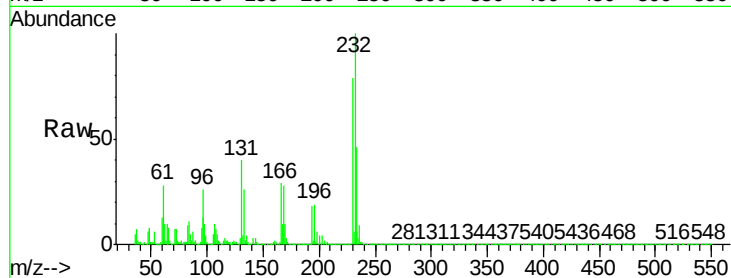
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.019 ng
RT: 14.86 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		46283		
131	35.3		31.3	46.9	
130	2.3		2.0	3.0	
166	28.2		22.6	33.8	

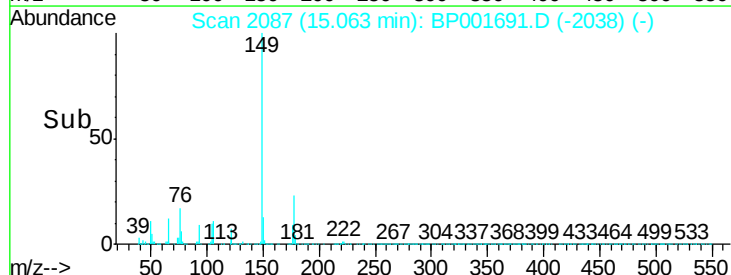
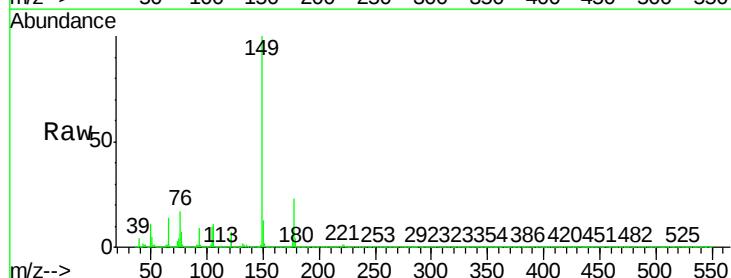
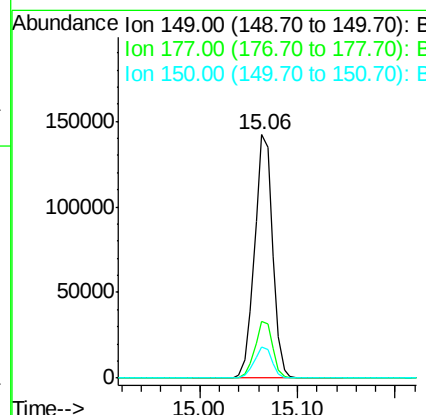
Manual Integrations
APPROVED

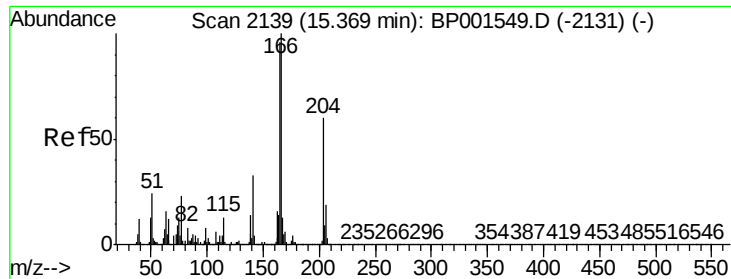
mohammad
1/28/2020 1:14:25 PM



#60
Diethylphthalate
Concen: 35.323 ng
RT: 15.06 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		184175		
177	23.3		18.4	27.6	
150	12.6		10.0	15.0	





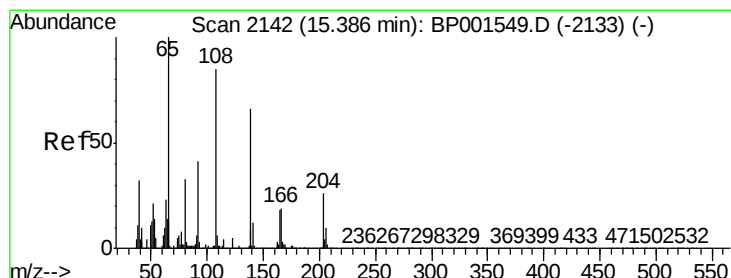
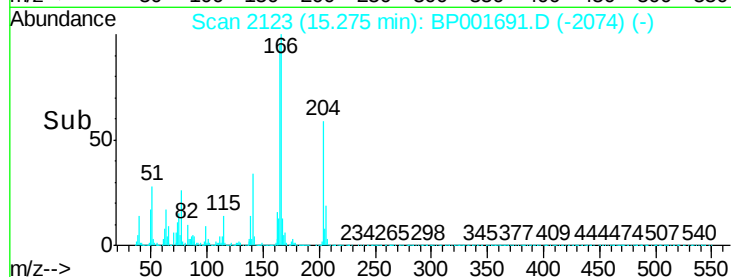
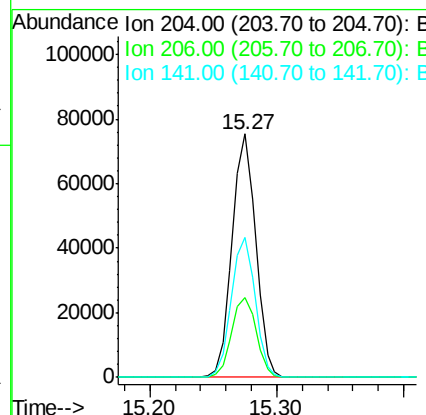
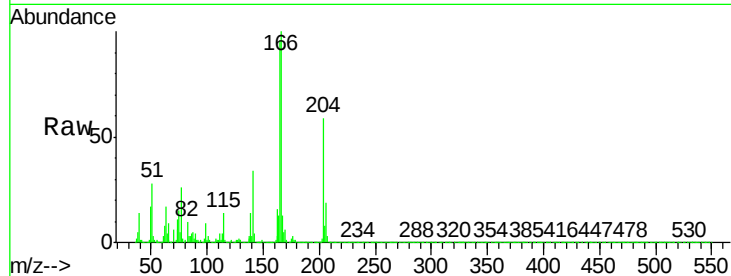
#61
4-Chlorophenyl-phenylether
Concen: 35.453 ng
RT: 15.27 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampled :
PB126358BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.4	38.0
141	57.7	43.8	65.6

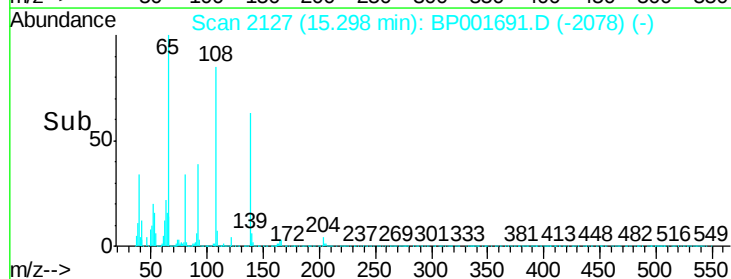
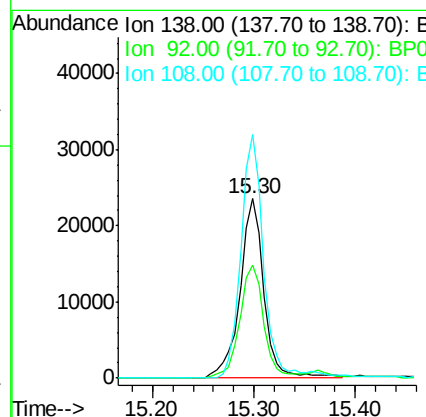
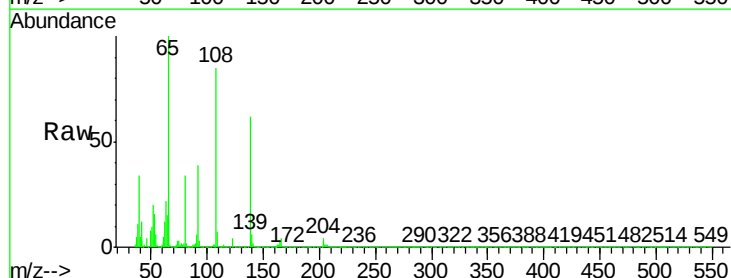
Manual Integrations
APPROVED

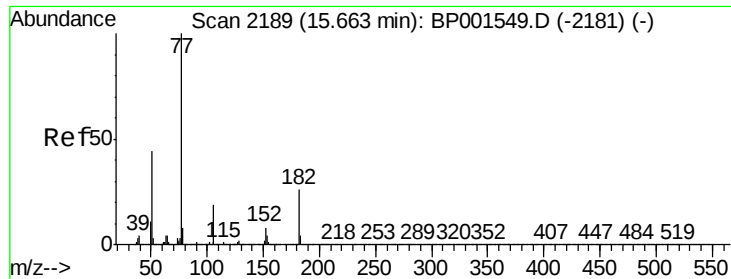
mohammad
1/28/2020 1:14:25 PM



#62
4-Nitroaniline
Concen: 29.891 ng
RT: 15.30 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.8	42.7	82.7
108	136.0	108.6	148.6





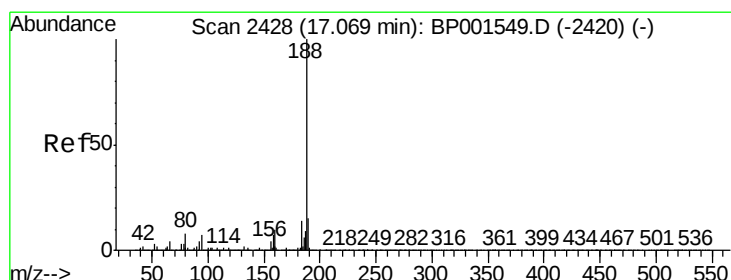
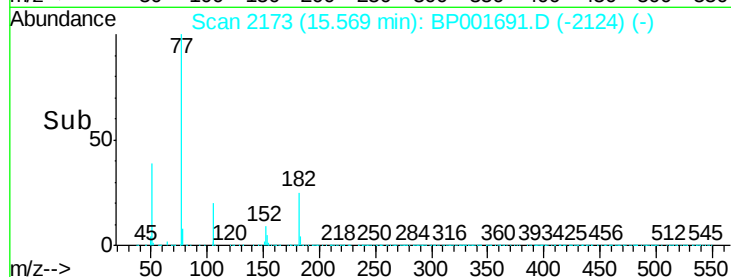
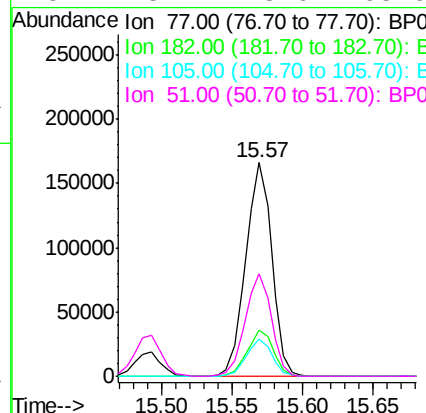
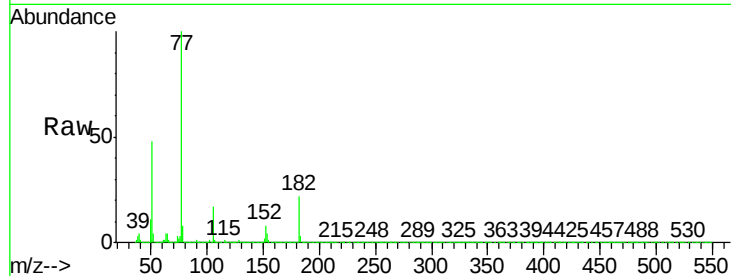
#63
Azobenzene
Concen: 41.192 ng
RT: 15.57 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.8		5.8	45.8	
105	17.2		0.0	39.3	
51	48.2		23.6	63.6	

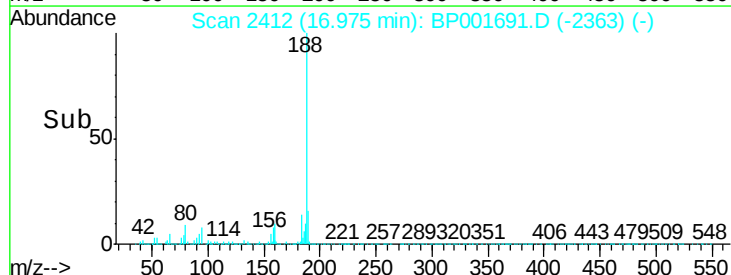
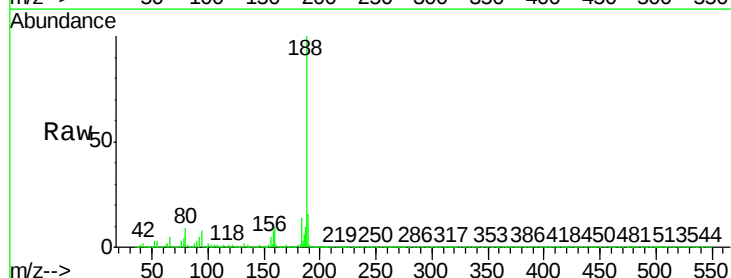
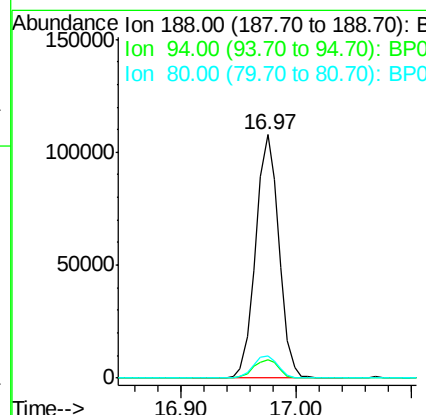
Manual Integrations
APPROVED

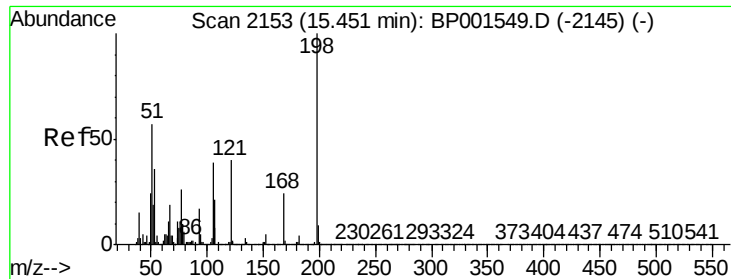
mohammad
1/28/2020 1:14:25 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.5		5.9	8.9	
80	9.0		6.8	10.2	





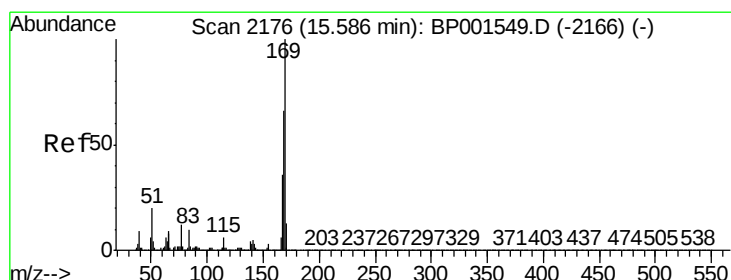
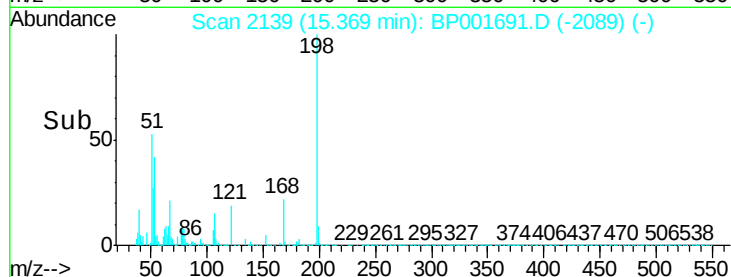
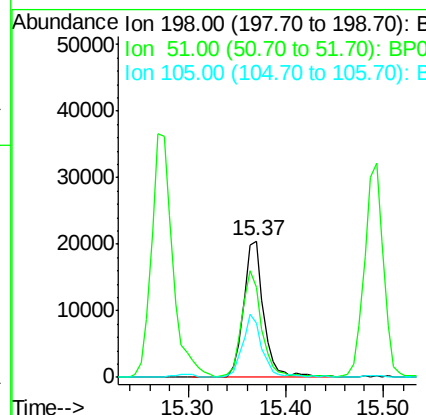
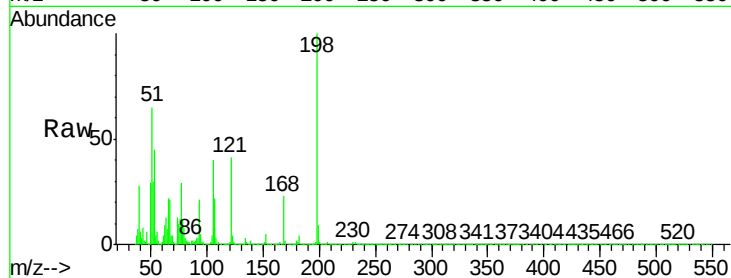
#65
4,6-Dinitro-2-methylphenol
Concen: 35.961 ng
RT: 15.37 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleID :
PB126358BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	29471		
51	65.5	39.4	79.4	
105	39.7	19.7	59.7	

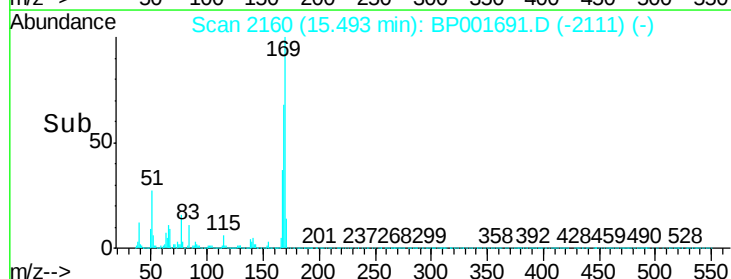
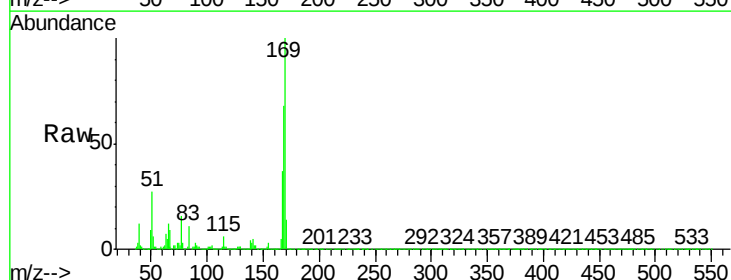
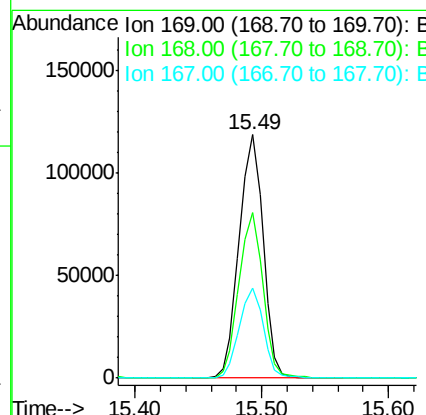
Manual Integrations
APPROVED

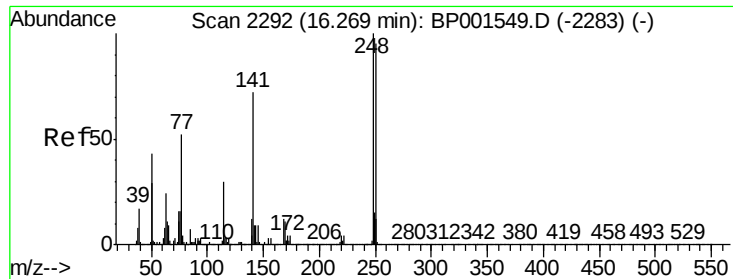
mohammad
1/28/2020 1:14:25 PM



#66
n-Nitrosodiphenylamine
Concen: 38.650 ng
RT: 15.49 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	155208		
168	68.3	53.1	79.7	
167	37.2	28.9	43.3	





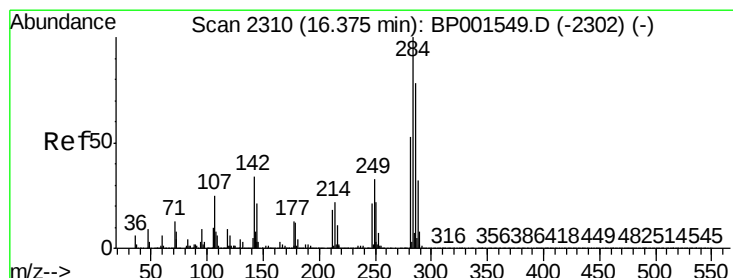
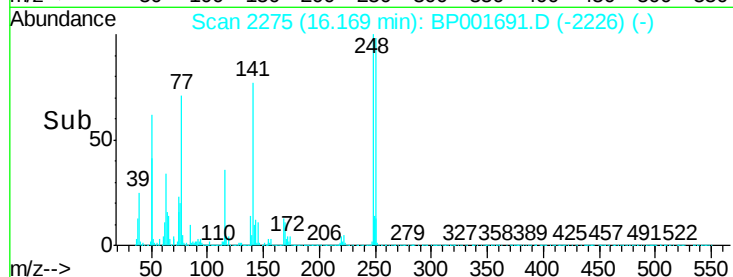
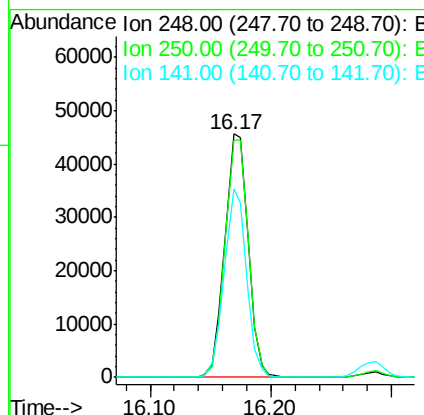
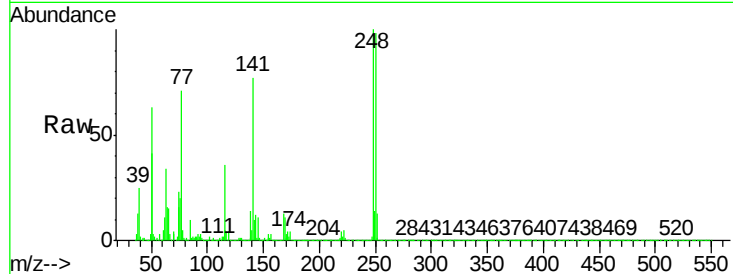
#67
4-Bromophenyl-phenylether
Concen: 35.665 ng
RT: 16.17 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.0	114.0
141	77.4	57.8	86.8

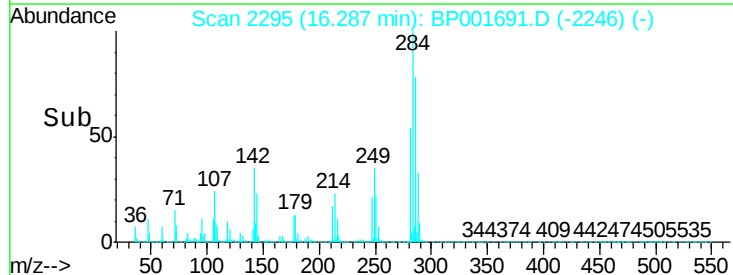
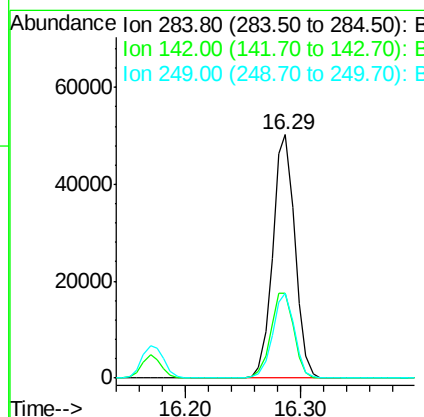
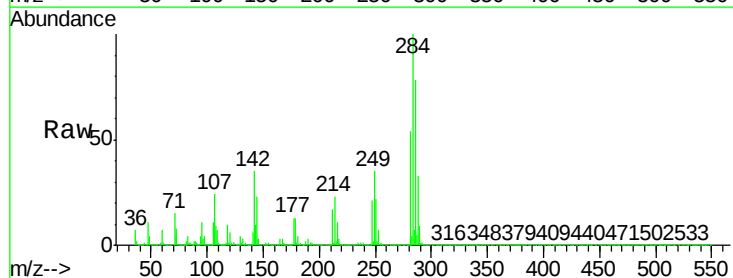
Manual Integrations
APPROVED

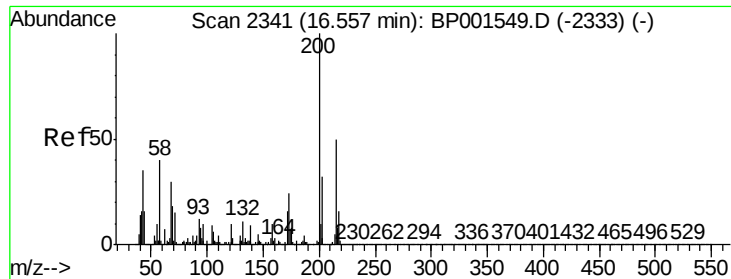
mohammad
1/28/2020 1:14:25 PM



#68
Hexachlorobenzene
Concen: 33.814 ng
RT: 16.29 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.4	41.2
249	35.1	26.8	40.2





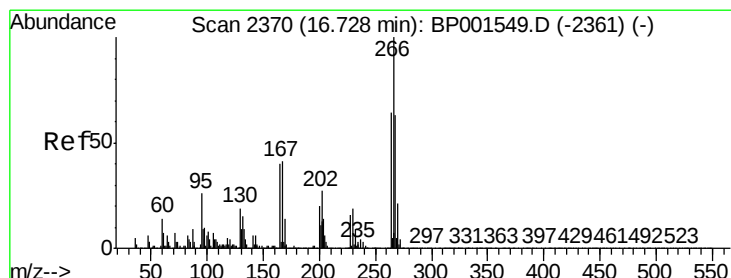
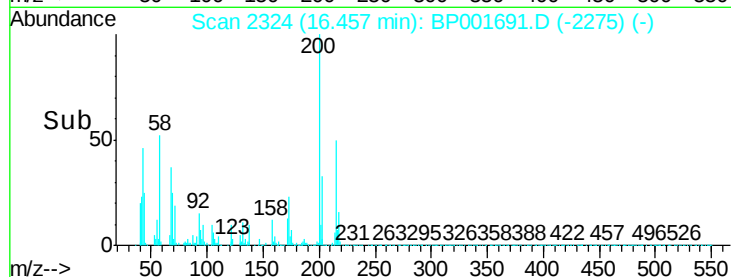
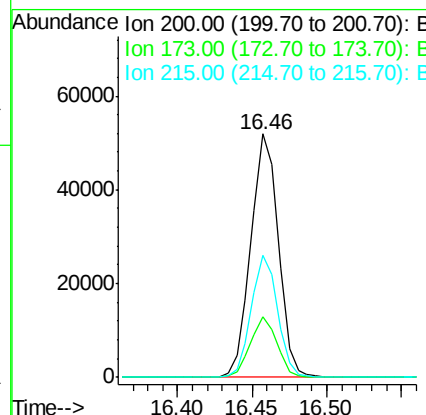
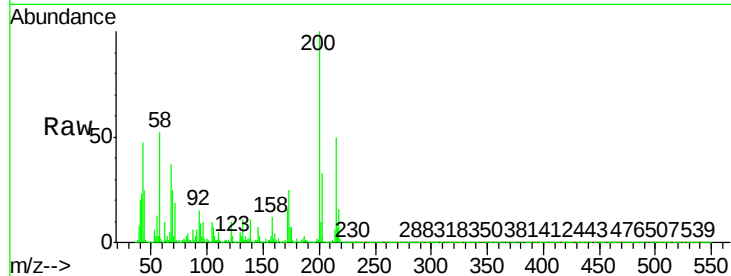
#69
Atrazine
Concen: 44.768 ng
RT: 16.46 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	3.5	43.5
215	50.3	30.4	70.4

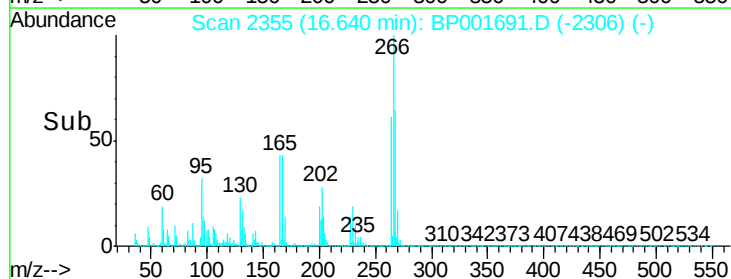
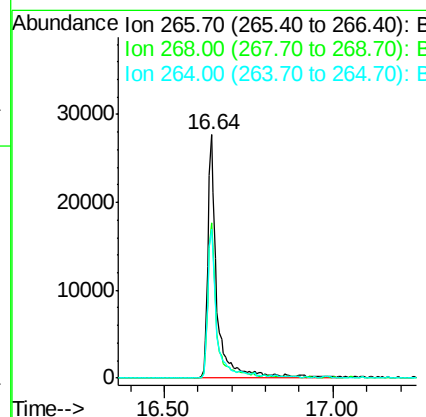
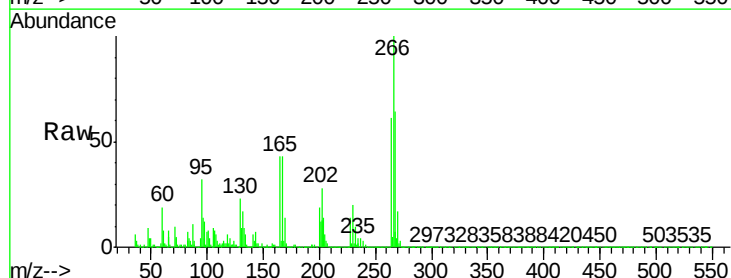
Manual Integrations
APPROVED

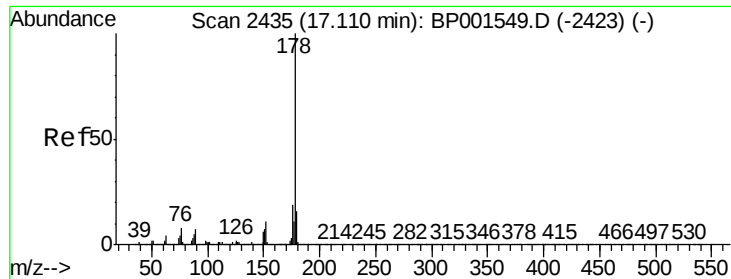
mohammad
1/28/2020 1:14:25 PM



#70
Pentachlorophenol
Concen: 49.485 ng m
RT: 16.64 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.5	75.7
264	61.0	50.9	76.3





#71

Phenanthrene

Concen: 36.715 ng

RT: 17.02 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Instrument :

BNA_P

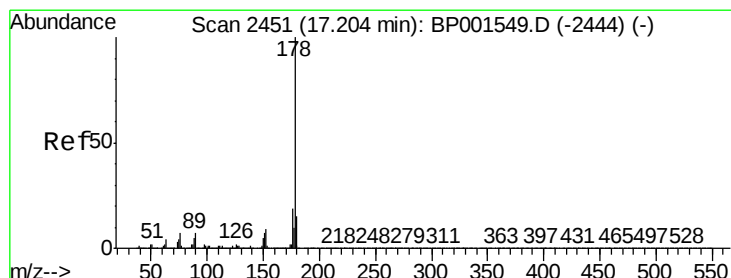
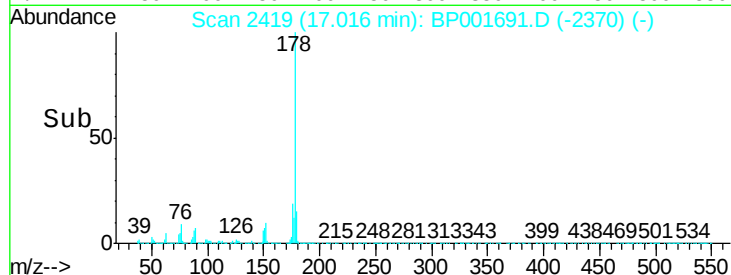
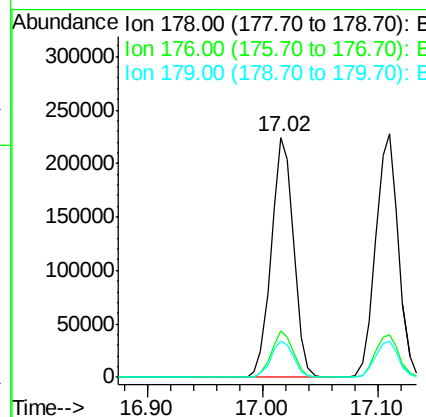
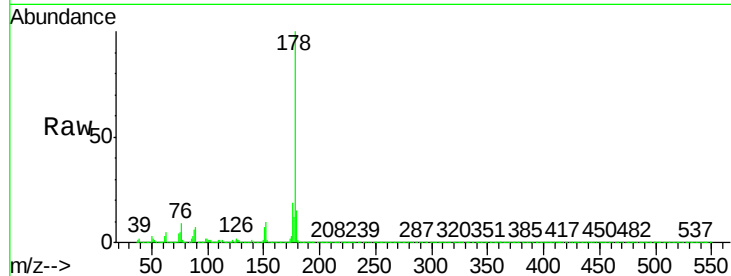
ClientSampleId :

PB126358BS

Tot Ion:	178	Resp:	302656
Ion Ratio	Lower	Upper	
178	100		
176	19.3	14.9	22.3
179	15.1	12.5	18.7

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:25 PM



#72

Anthracene

Concen: 39.010 ng

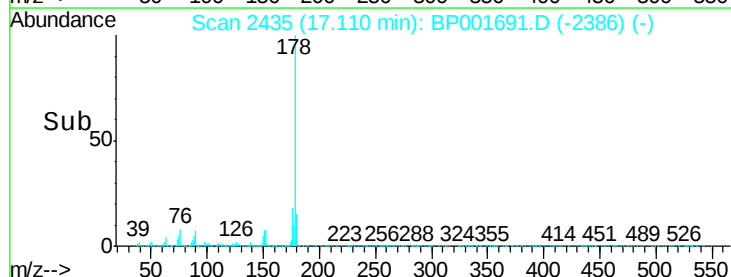
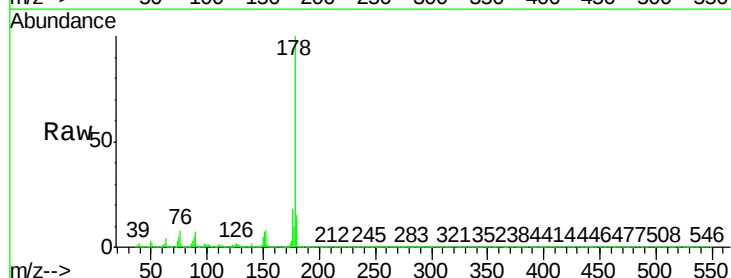
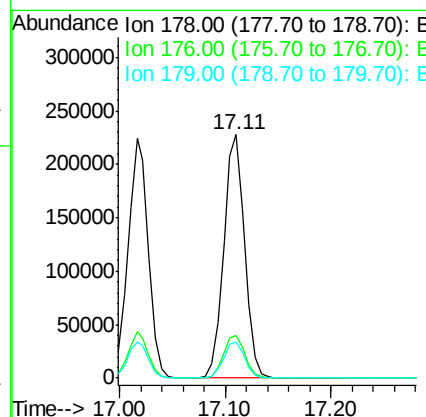
RT: 17.11 min Scan# 2435

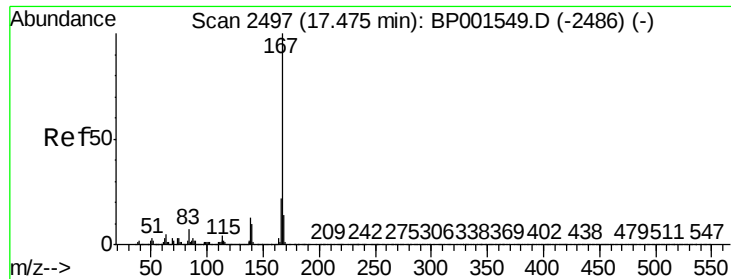
Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Tgt Ion:	178	Resp:	313061
Ion Ratio	Lower	Upper	
178	100		
176	17.7	15.0	22.6
179	14.8	11.8	17.8





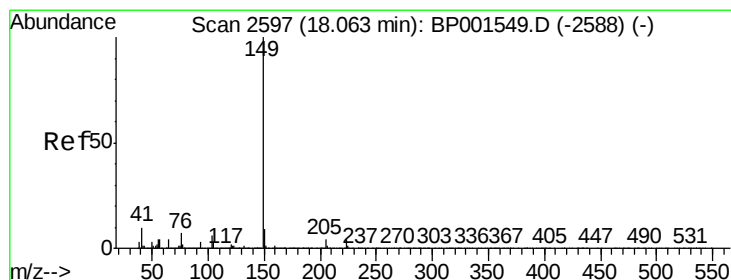
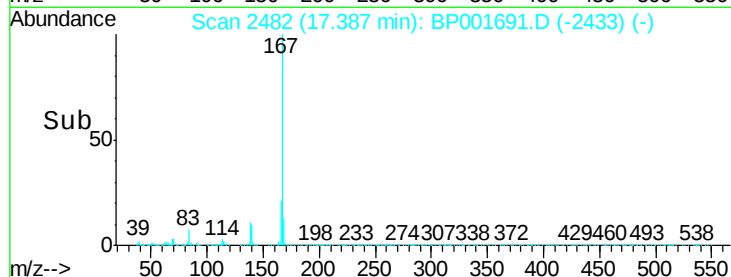
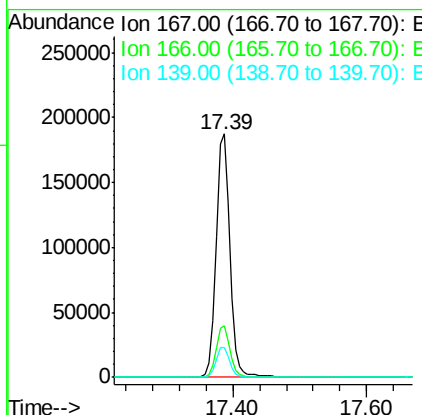
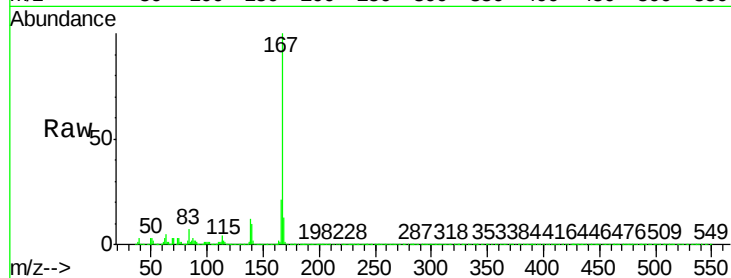
#73
 Carbazole
 Concen: 36.504 ng
 RT: 17.39 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BP001691.D
 Acq: 27 Jan 2020 15:16

Instrument :
 BNA_P
 ClientSampleId :
 PB126358BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.3	10.0	15.0

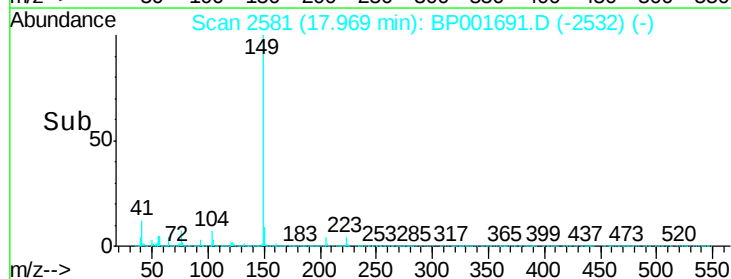
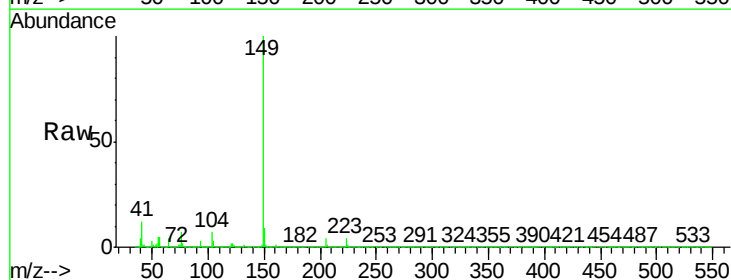
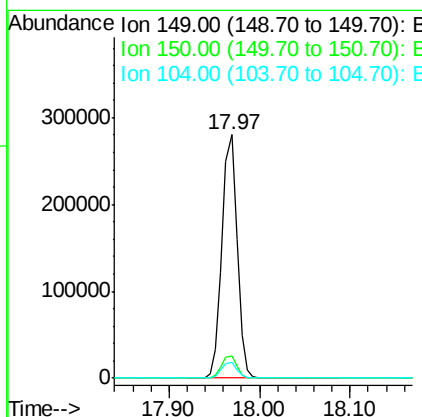
Manual Integrations
 APPROVED

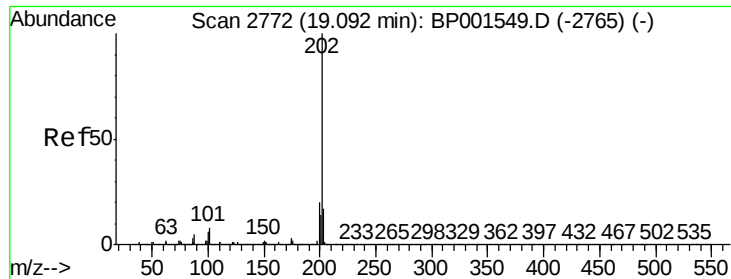
mohammad
 1/28/2020 1:14:25 PM



#74
 Di-n-butylphthalate
 Concen: 36.157 ng
 RT: 17.97 min Scan# 2581
 Delta R.T. -0.01 min
 Lab File: BP001691.D
 Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.0	10.6
104	6.7	5.0	7.4





#75

Fluoranthene

Concen: 36.281 ng

RT: 19.00 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Instrument :

BNA_P

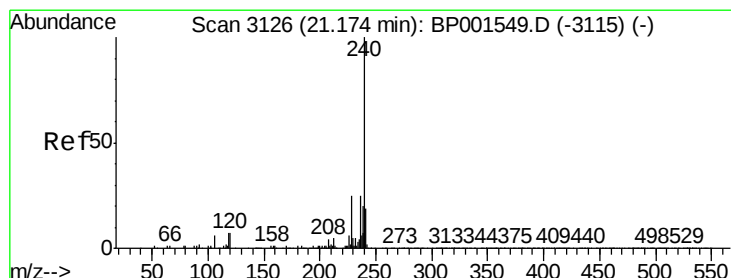
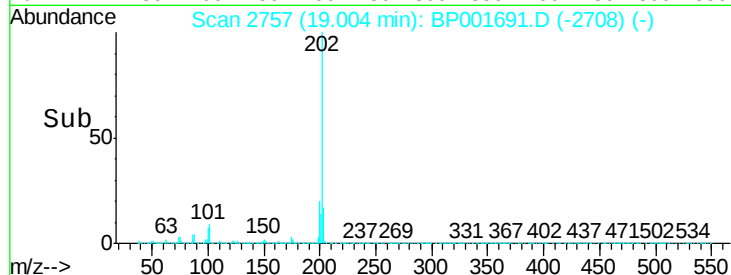
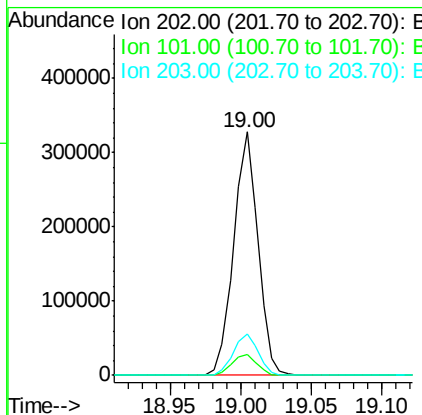
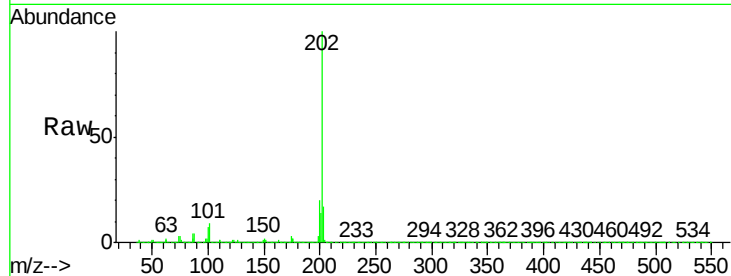
ClientSampleId :

PB126358BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		393536		
101	8.6	0.0	28.4		
203	17.1	0.0	37.4		

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:25 PM



#76

Chrysene-d12

Concen: 20.000 ng

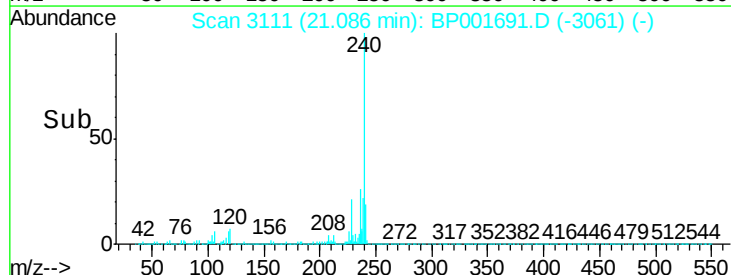
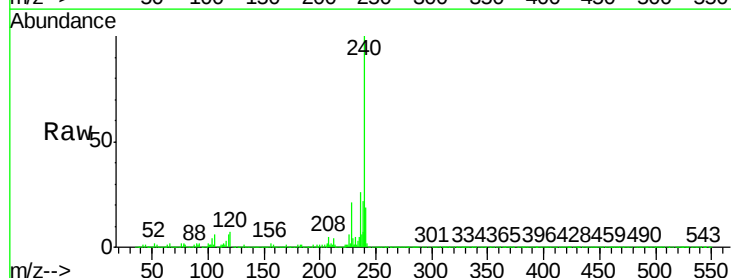
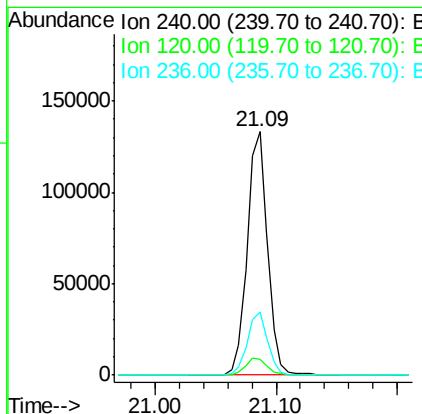
RT: 21.09 min Scan# 3111

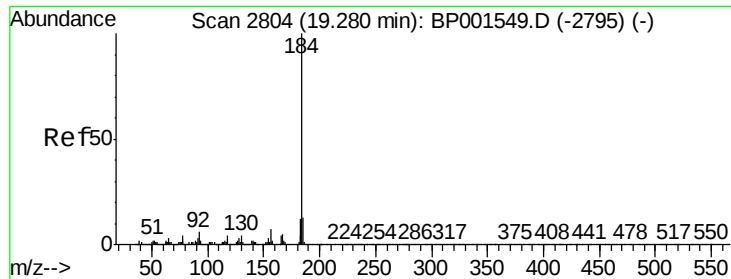
Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		156418		
120	6.7	5.7	8.5		
236	25.9	20.4	30.6		





#77

Benzidine

Concen: 50.991 ng

RT: 19.19 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Instrument :

BNA_P

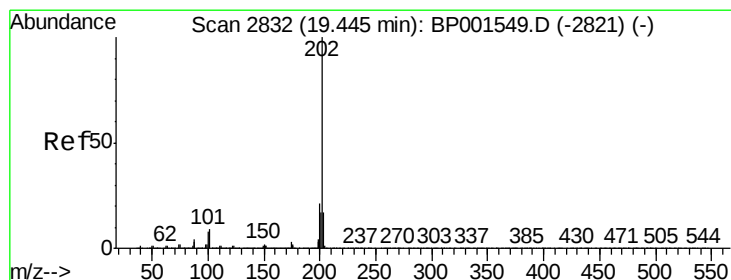
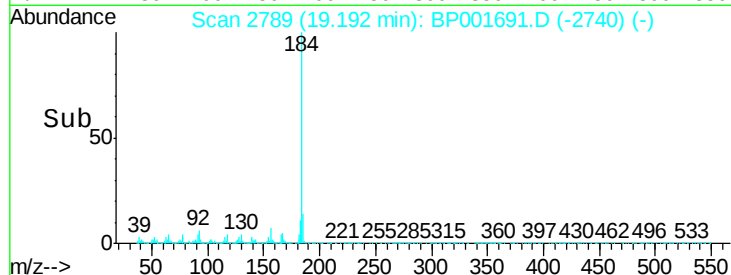
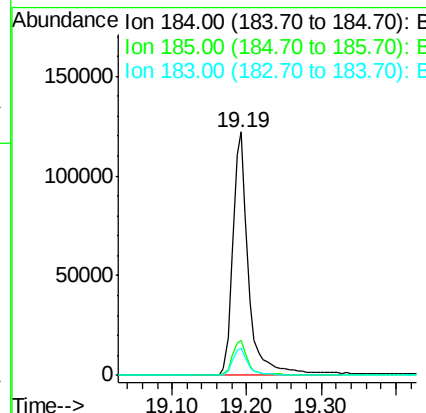
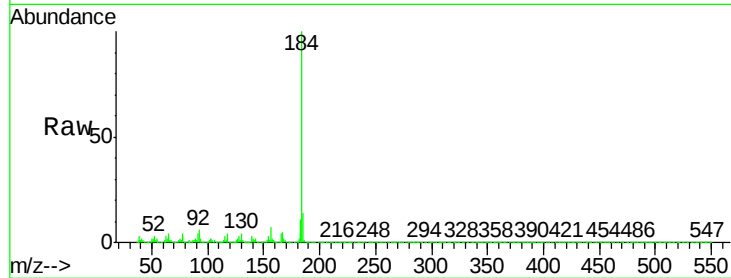
ClientSampleId :

PB126358BS

Tot Ion:	184	Resp:	182118
Ion Ratio	Lower	Upper	
184	100		
185	14.4	10.6	16.0
183	11.1	9.4	14.0

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:25 PM



#78

Pyrene

Concen: 34.940 ng

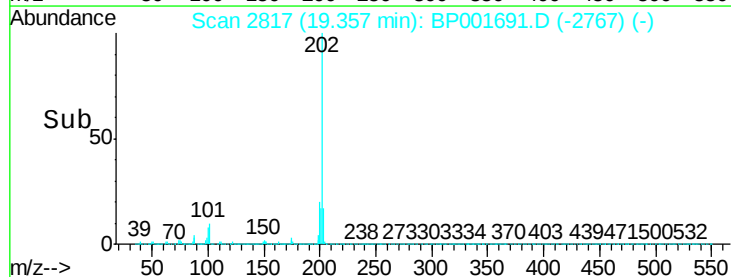
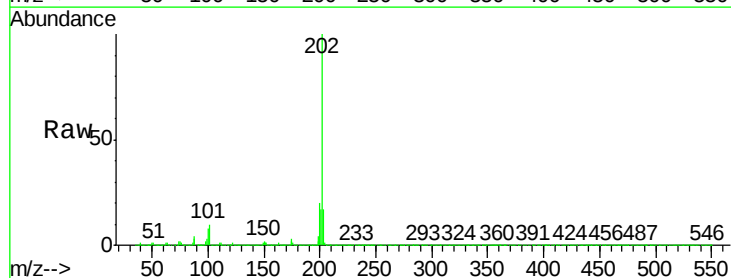
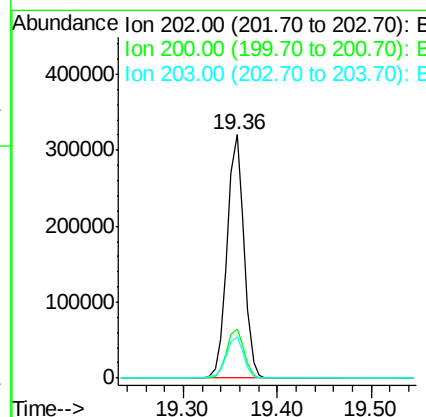
RT: 19.36 min Scan# 2817

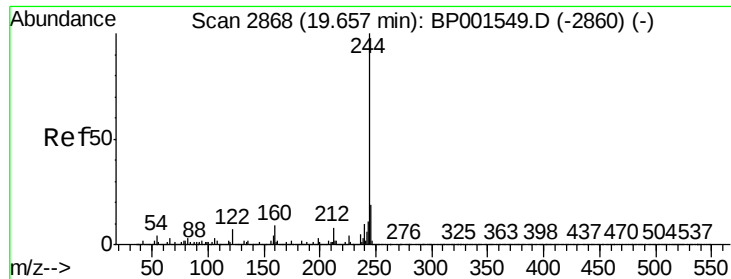
Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Tgt Ion:	202	Resp:	401462
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.0	25.6
203	16.8	13.7	20.5





#79

Terphenyl-d14

Concen: 68.671 ng

RT: 19.57 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Instrument :

BNA_P

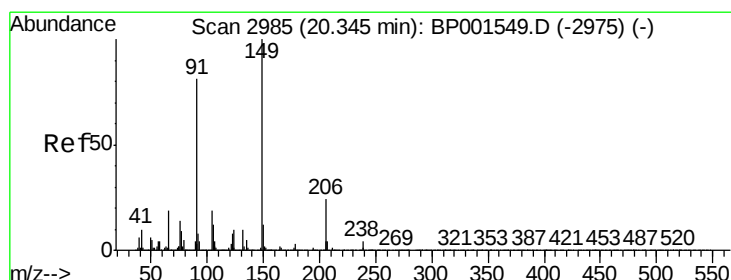
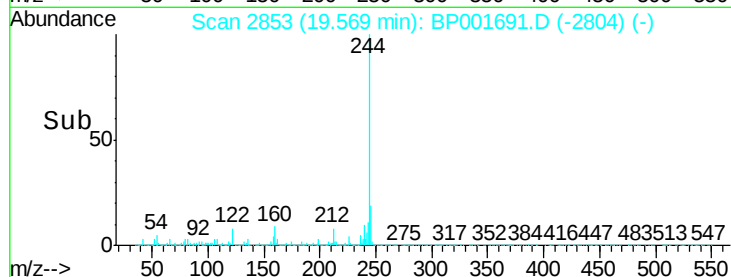
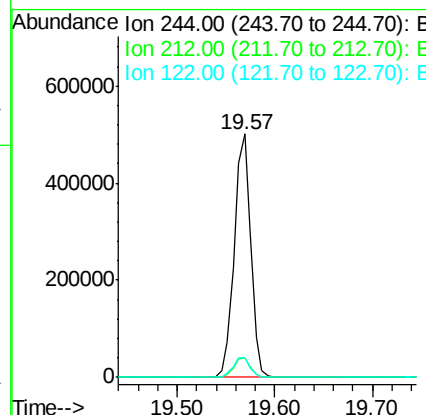
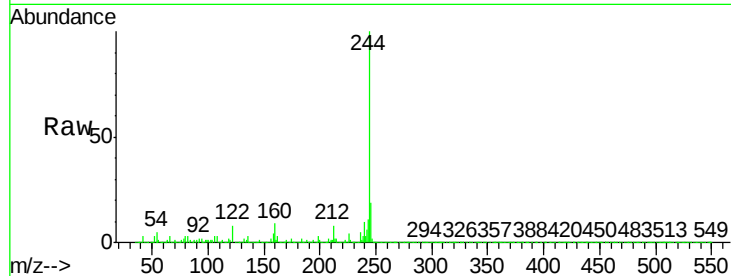
ClientSampleId :

PB126358BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	8.0	5.8	8.6

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:25 PM



#80

Butylbenzylphthalate

Concen: 34.742 ng

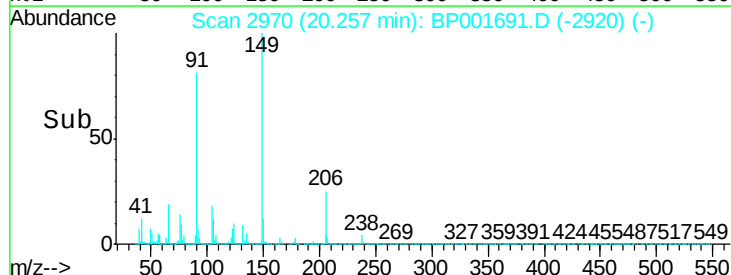
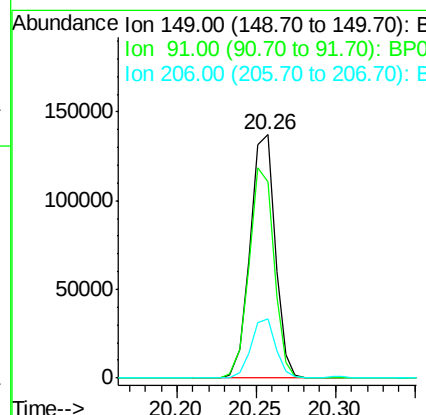
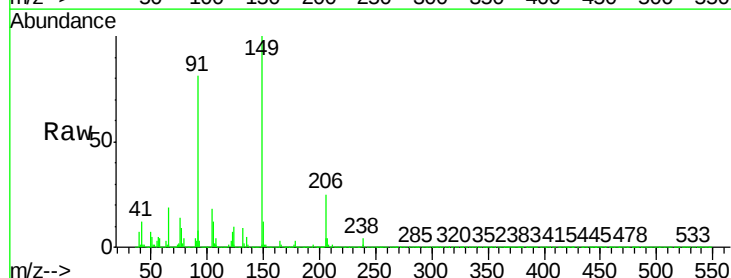
RT: 20.26 min Scan# 2970

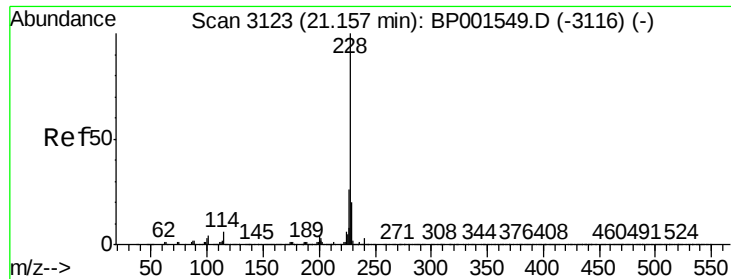
Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.6	64.8	97.2
206	24.6	19.4	29.0





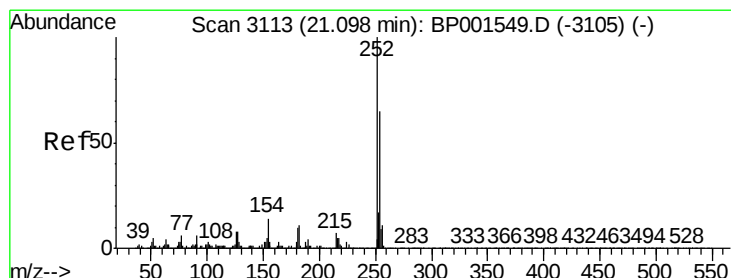
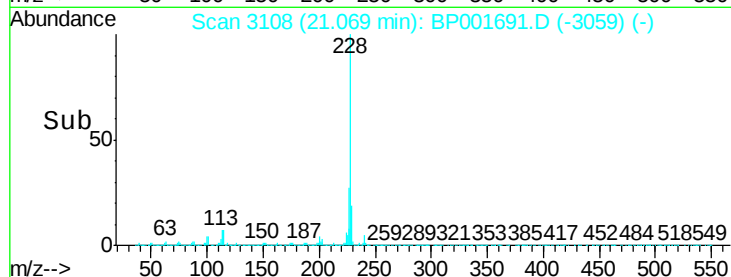
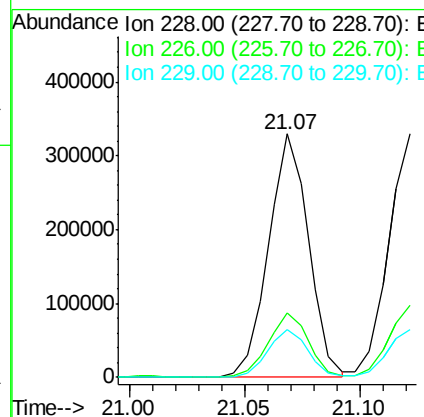
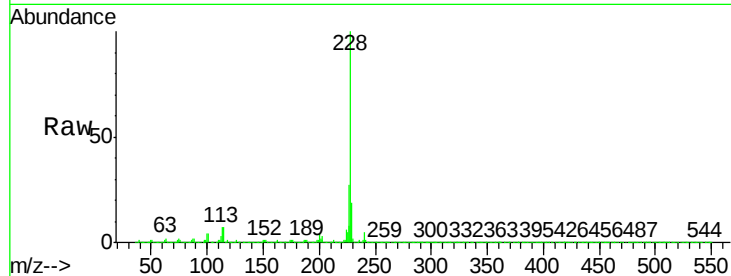
#81
Benzo(a)anthracene
Concen: 36.234 ng
RT: 21.07 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.2	31.8
229	19.5	16.1	24.1

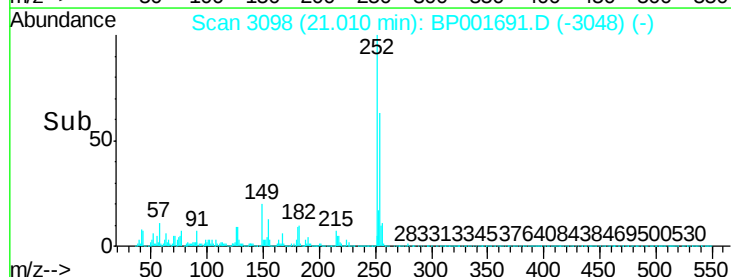
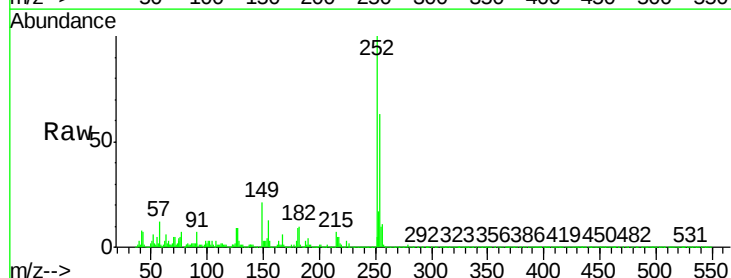
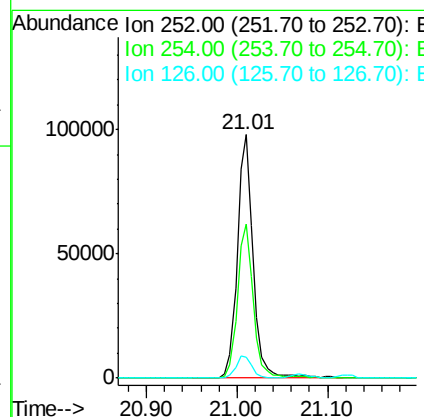
Manual Integrations
APPROVED

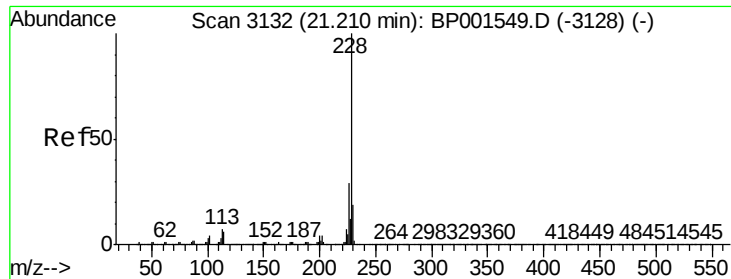
mohammad
1/28/2020 1:14:25 PM



#82
3,3'-Dichlorobenzidine
Concen: 29.315 ng
RT: 21.01 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.2	78.2
126	8.8	6.6	9.8





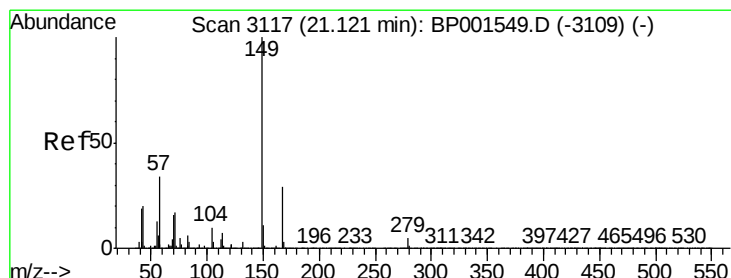
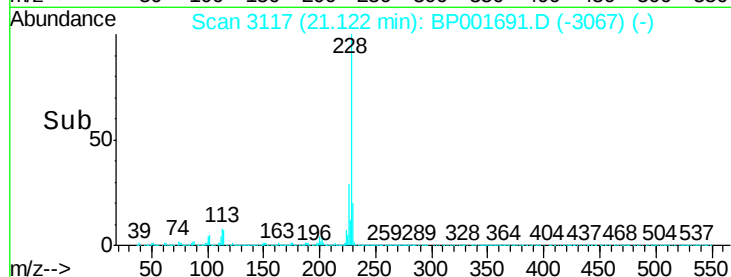
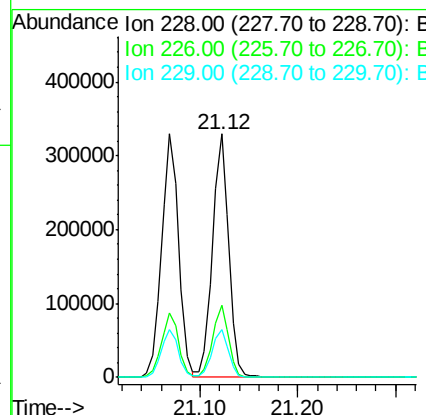
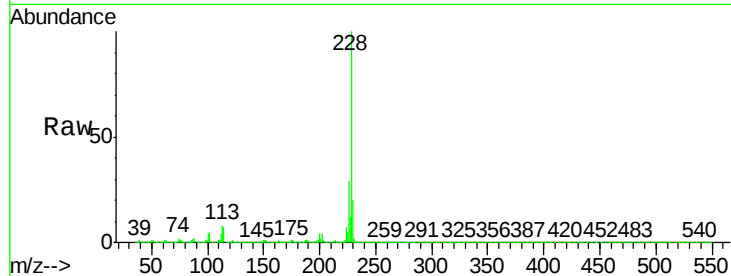
#83
 Chrysene
 Concen: 35.850 ng
 RT: 21.12 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BP001691.D
 Acq: 27 Jan 2020 15:16

Instrument :
 BNA_P
 ClientSampleId :
 PB126358BS

Tot Ion:	228	Resp:	380597
Ion Ratio		Lower	Upper
228	100		
226	29.4	23.2	34.8
229	19.8	15.2	22.8

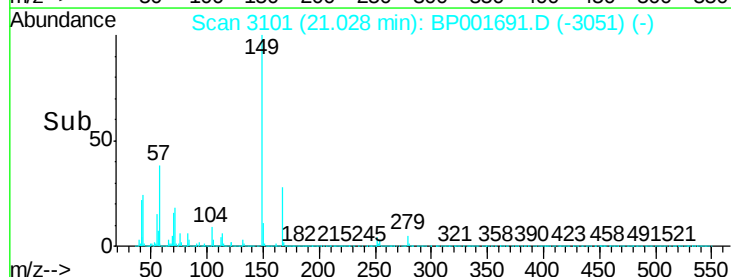
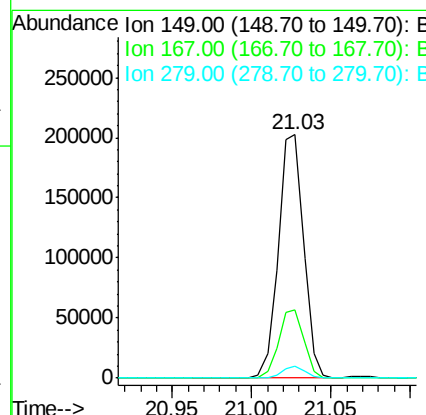
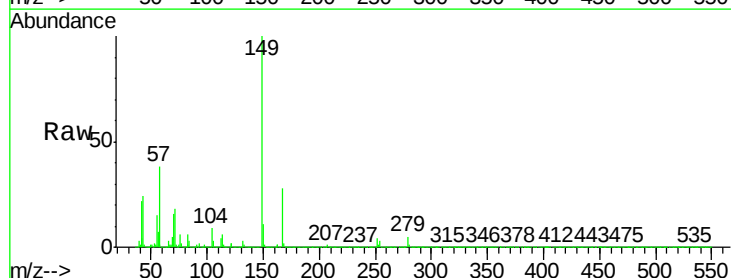
Manual Integrations
 APPROVED

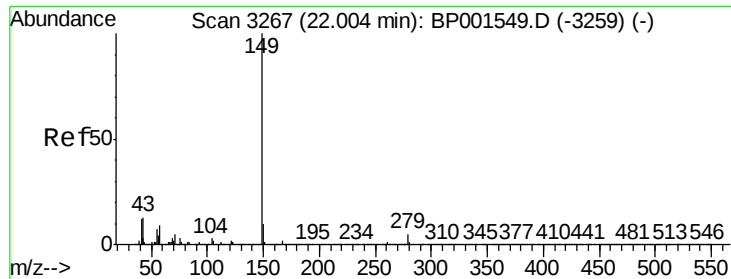
mohammad
 1/28/2020 1:14:25 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.610 ng
 RT: 21.03 min Scan# 3101
 Delta R.T. -0.01 min
 Lab File: BP001691.D
 Acq: 27 Jan 2020 15:16

Tgt Ion:	149	Resp:	225160
Ion Ratio		Lower	Upper
149	100		
167	27.9	23.5	35.3
279	4.9	4.0	6.0





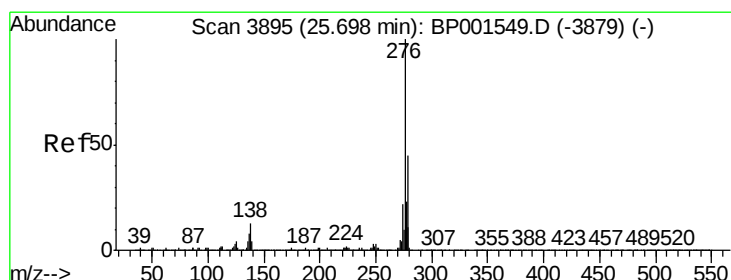
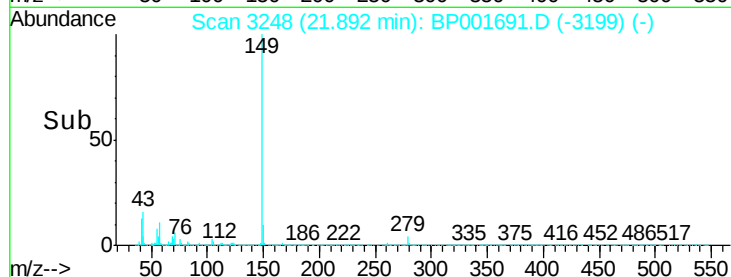
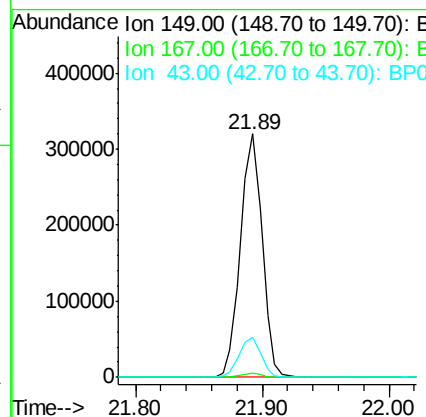
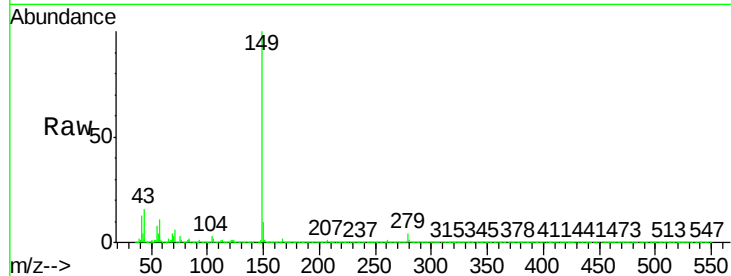
#85
Di-n-octyl phthalate
Concen: 39.519 ng
RT: 21.89 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	16.4	10.7	16.1#

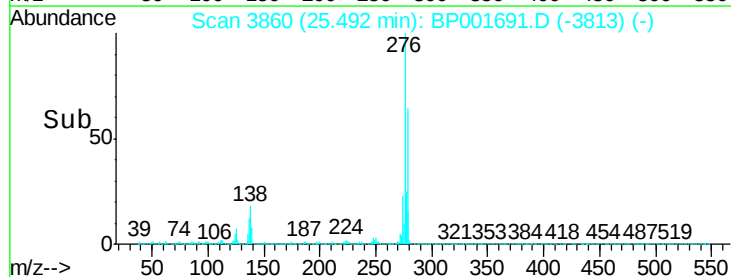
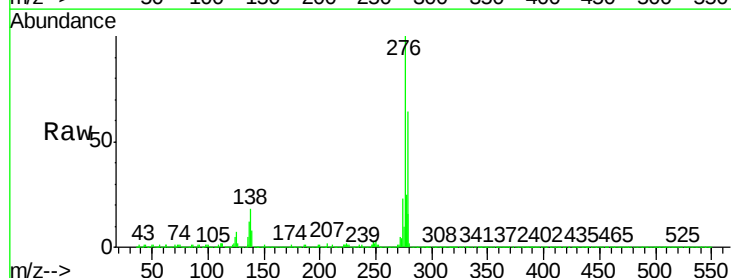
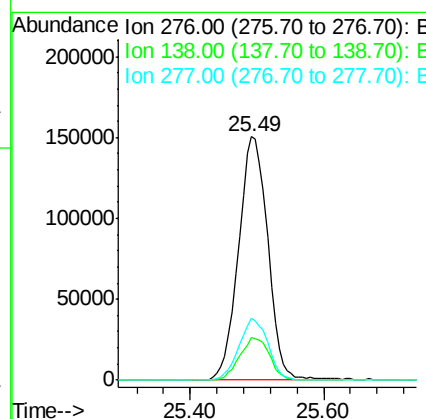
Manual Integrations
APPROVED

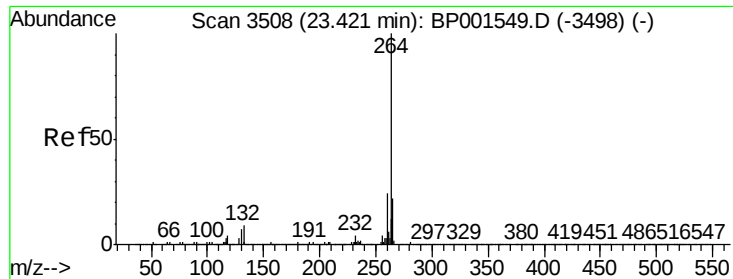
mohammad
1/28/2020 1:14:25 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.801 ng
RT: 25.49 min Scan# 3860
Delta R.T. -0.02 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	11.1	16.7#
277	25.1	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Instrument :

BNA_P

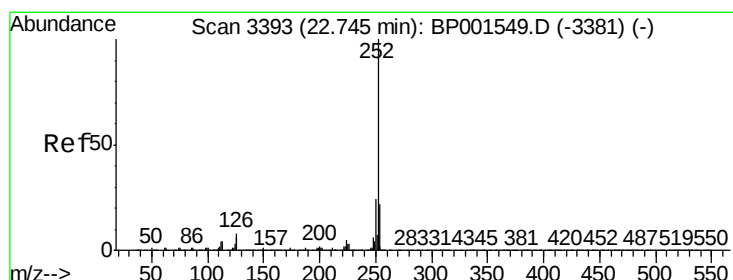
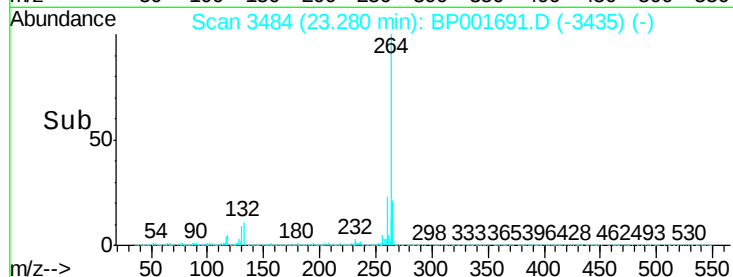
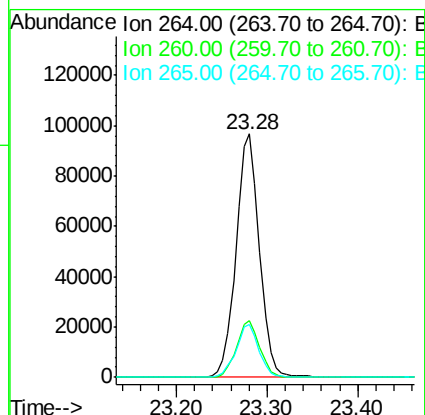
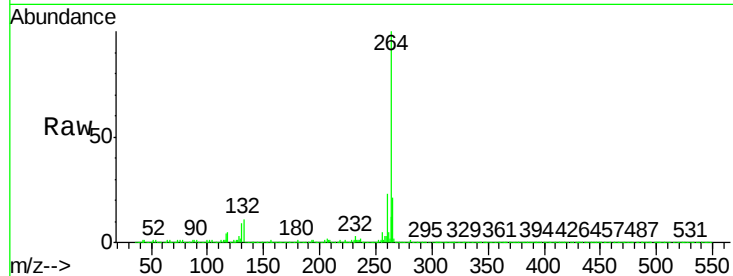
ClientSampleId :

PB126358BS

Tot Ion:	264	Resp:	174037
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.0	28.6
265	21.5	18.2	27.4

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:25 PM



#88

Benzo(b)fluoranthene

Concen: 35.947 ng

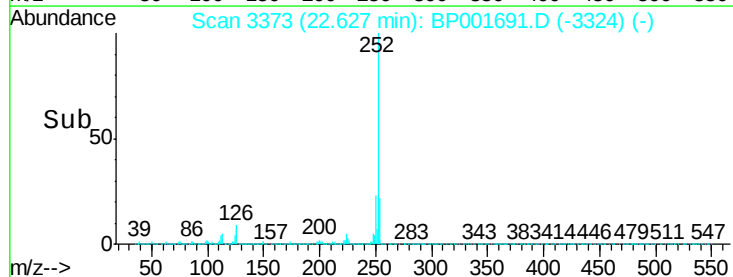
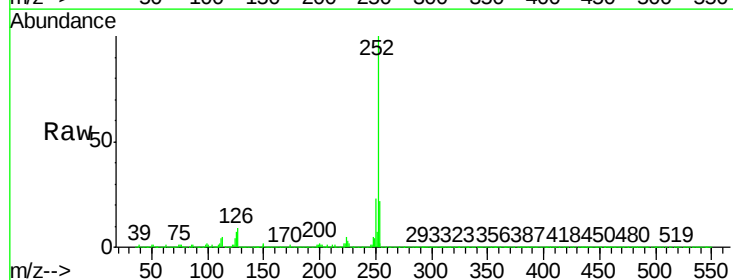
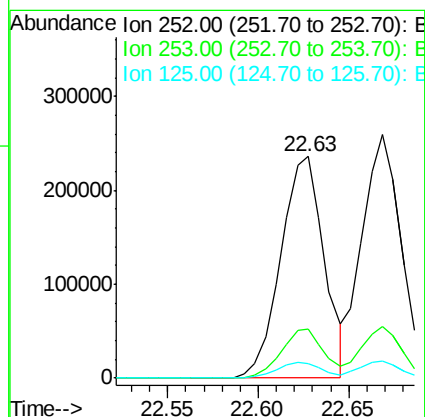
RT: 22.63 min Scan# 3373

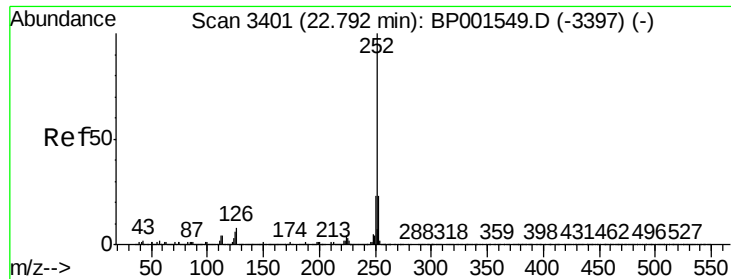
Delta R.T. -0.01 min

Lab File: BP001691.D

Acq: 27 Jan 2020 15:16

Tgt Ion:	252	Resp:	394226
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	6.8	4.6	7.0





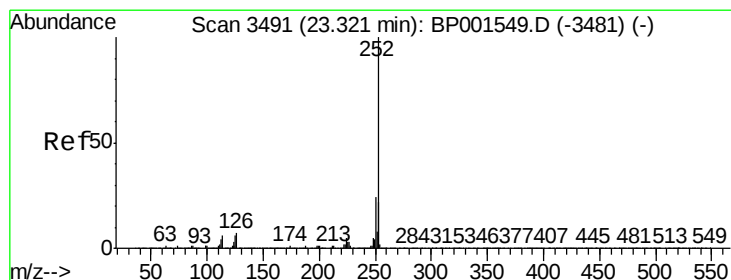
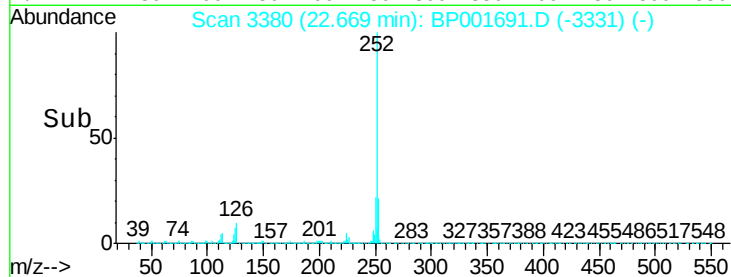
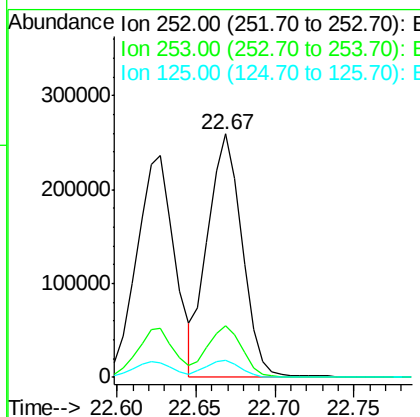
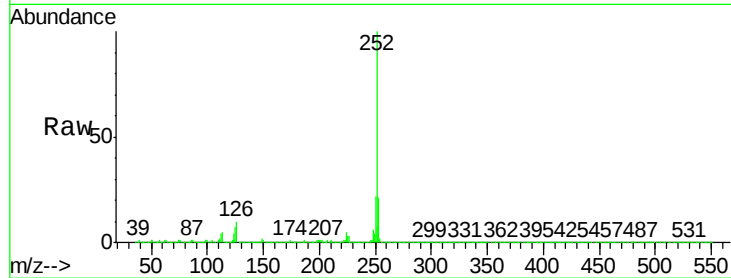
#89
Benzo(k)fluoranthene
Concen: 36.741 ng m
RT: 22.67 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	7.0	4.6	6.8

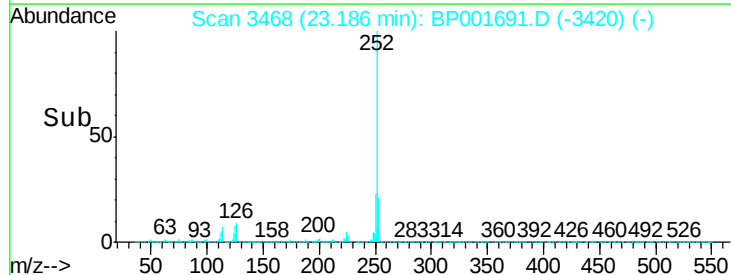
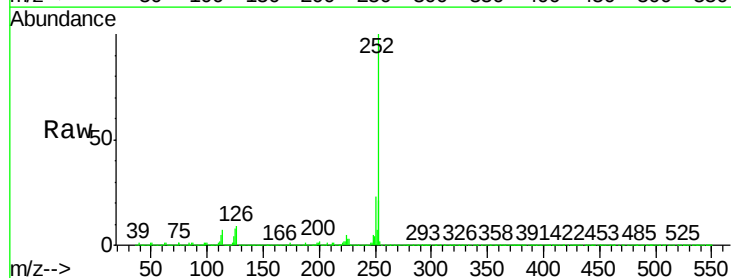
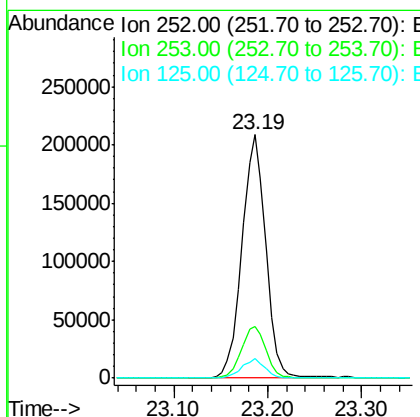
Manual Integrations
APPROVED

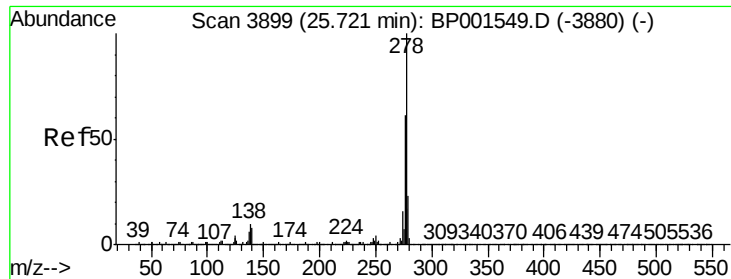
mohammad
1/28/2020 1:14:25 PM



#90
Benzo(a)pyrene
Concen: 35.013 ng
RT: 23.19 min Scan# 3468
Delta R.T. -0.02 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.6	26.4
125	7.9	5.0	7.4





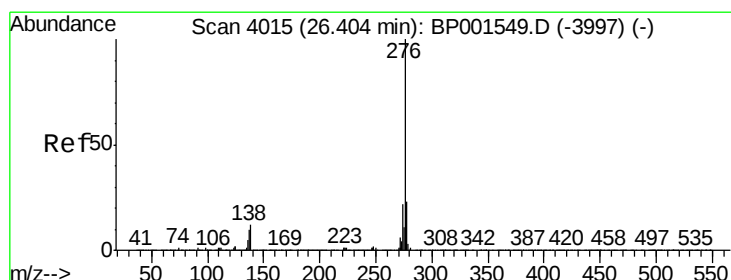
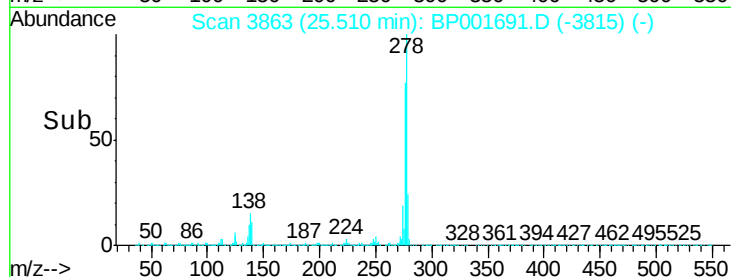
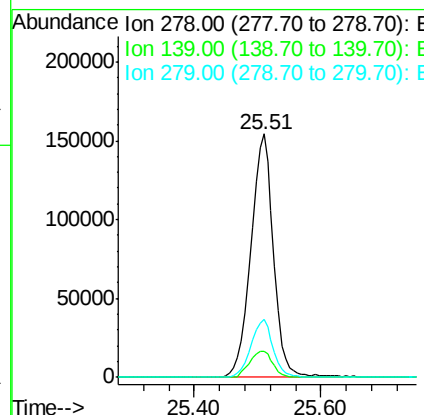
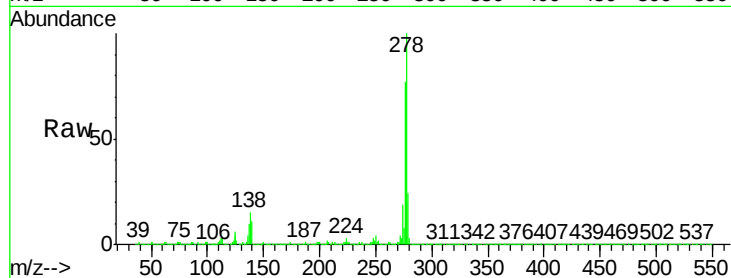
#91
Dibenzo(a,h)anthracene
Concen: 35.708 ng
RT: 25.51 min Scan# 3863
Delta R.T. -0.02 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.8	6.7	10.1#
279	23.8	18.6	28.0

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:25 PM



#92
Benzo(g,h,i)perylene
Concen: 35.782 ng
RT: 26.17 min Scan# 3975
Delta R.T. -0.02 min
Lab File: BP001691.D
Acq: 27 Jan 2020 15:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	14.9	9.4	14.2#

