

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001392.D
 Acq On : 24 Dec 2019 18:05
 Operator : JU
 Sample : K6396-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)MSD

Manual Integrations
 APPROVED

mohammad
 12/26/2019 4:01:30 PM

Quant Time: Dec 25 03:08:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	51679	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	197760	20.00	ng	0.00
39) Acenaphthene-d10	13.19	164	116678	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	222685	20.00	ng	0.00
76) Chrysene-d12	19.23	240	150289	20.00	ng	0.00
87) Perylene-d12	20.99	264	144280	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	295395	92.38	ng	0.01
7) Phenol-d6	7.76	99	406102	97.33	ng	0.00
23) Nitrobenzene-d5	9.17	82	280680	54.50	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	130690	89.59	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	540220	58.55	ng	0.00
79) Terphenyl-d14	17.87	244	577690	65.84	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.59	88	34706	26.374	ng	98
3) Pyridine	3.42	79	87159	24.246	ng	97
4) n-Nitrosodimethylamine	3.33	42	80266	35.263	ng	95
6) Aniline	7.76	93	187213	35.643	ng	91
8) 2-Chlorophenol	7.95	128	121697	37.857	ng	99
9) Benzaldehyde	7.58	77	86955	29.709	ng	95
10) Phenol	7.78	94	186822	39.188	ng	85
11) bis(2-Chloroethyl)ether	7.89	93	117375	34.801	ng	99
12) 1,3-Dichlorobenzene	8.19	146	138358	34.554	ng	99
13) 1,4-Dichlorobenzene	8.31	146	140277	34.386	ng	98
14) 1,2-Dichlorobenzene	8.55	146	135772	34.935	ng	98
15) Benzyl Alcohol	8.52	79	143961	36.771	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.75	45	170189	31.862	ng	98
17) 2-Methylphenol	8.72	107	107808	37.952	ng	99
18) Hexachloroethane	9.09	117	57516	33.142	ng	93
19) n-Nitroso-di-n-propylamine	8.96	70	108791	36.728	ng	99
20) 3+4-Methylphenols	8.96	107	143726	38.128	ng	96
22) Acetophenone	8.93	105	199715	31.935	ng	# 96
24) Nitrobenzene	9.20	77	165387	32.630	ng	98
25) Isophorone	9.60	82	284954	34.412	ng	99
26) 2-Nitrophenol	9.71	139	66921	37.026	ng	98
27) 2,4-Dimethylphenol	9.81	122	110342	41.509	ng	97
28) bis(2-Chloroethoxy)methane	9.96	93	156092	31.561	ng	99
29) 2,4-Dichlorophenol	10.11	162	117872	35.811	ng	98
30) 1,2,4-Trichlorobenzene	10.24	180	132330	32.685	ng	97
31) Naphthalene	10.36	128	366297	33.932	ng	99
32) Benzoic acid	10.02	122	66516	32.733	ng	96
33) 4-Chloroaniline	10.45	127	127335	28.843	ng	98
34) Hexachlorobutadiene	10.57	225	88829	31.456	ng	95
35) Caprolactam	11.03	113	34411m	35.134	ng	
36) 4-Chloro-3-methylphenol	11.27	107	133906	34.813	ng	98
37) 2-Methylnaphthalene	11.49	142	265745	35.658	ng	99
38) 1-Methylnaphthalene	11.65	142	250087	35.694	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	147065	34.089	ng	# 97

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001392.D
 Acq On : 24 Dec 2019 18:05
 Operator : JU
 Sample : K6396-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)MSD

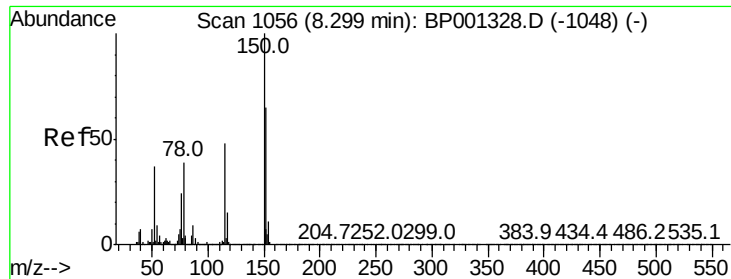
Manual Integrations
 APPROVED

mohammad
 12/26/2019 4:01:30 PM

Quant Time: Dec 25 03:08:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	173771	81.439	nq	98
43) 2,4,6-Trichlorophenol	11.96	196	93043	35.068	nq	99
44) 2,4,5-Trichlorophenol	12.02	196	100024	36.692	nq	99
46) 1,1'-Biphenyl	12.26	154	337213	34.536	nq	98
47) 2-Chloronaphthalene	12.28	162	262759	33.289	nq	100
48) 2-Nitroaniline	12.45	65	99389	31.445	nq	99
49) Acenaphthylene	12.95	152	406236	35.206	nq	99
50) Dimethylphthalate	12.79	163	349438	36.506	nq	99
51) 2,6-Dinitrotoluene	12.86	165	68689	35.340	nq	85
52) Acenaphthene	13.24	154	236173	33.971	nq	99
53) 3-Nitroaniline	13.12	138	52760	25.291	nq	99
54) 2,4-Dinitrophenol	13.30	184	59636	79.460	nq	# 85
55) Dibenzofuran	13.52	168	380185	34.903	nq	98
56) 4-Nitrophenol	13.45	139	104016	69.728	nq	95
57) 2,4-Dinitrotoluene	13.52	165	92835	34.365	nq	# 93
58) Fluorene	14.09	166	303596	34.847	nq	98
59) 2,3,4,6-Tetrachlorophenol	13.73	232	81825m	34.961	nq	
60) Diethylphthalate	13.95	149	328629	33.286	nq	98
61) 4-Chlorophenyl-phenylether	14.10	204	159882	34.910	nq	95
62) 4-Nitroaniline	12.45	138	79027	32.712	nq	89
63) Azobenzene	14.36	77	347530	33.436	nq	95
65) 4,6-Dinitro-2-methylphenol	14.19	198	42354	42.468	nq	88
66) n-Nitrosodiphenylamine	14.30	169	258346	36.594	nq	98
67) 4-Bromophenyl-phenylether	14.90	248	93520	35.521	nq	# 88
68) Hexachlorobenzene	14.99	284	104061	34.719	nq	95
69) Atrazine	15.19	200	89569	35.321	nq	97
70) Pentachlorophenol	15.30	266	111012	72.223	nq	94
71) Phenanthrene	15.62	178	436301	34.341	nq	100
72) Anthracene	15.70	178	449193	35.715	nq	99
73) Carbazole	15.95	167	373289	33.291	nq	100
74) Di-n-butylphthalate	16.50	149	523268	34.006	nq	99
75) Fluoranthene	17.33	202	462253	32.539	nq	99
77) Benzidine	17.53	184	348311	79.601	nq	99
78) Pyrene	17.64	202	454108	38.916	nq	99
80) Butylbenzylphthalate	18.52	149	197029	36.217	nq	92
81) Benzo(a)anthracene	19.22	228	379411	34.645	nq	100
82) 3,3'-Dichlorobenzidine	19.19	252	133544	35.118	nq	99
83) Chrysene	19.26	228	364978	34.528	nq	99
84) Bis(2-ethylhexyl)phthalate	19.27	149	293806	36.804	nq	99
85) Di-n-octyl phthalate	20.05	149	470449	35.557	nq	97
86) Indeno(1,2,3-cd)pyrene	22.62	276	350180	30.674	nq	98
88) Benzo(b)fluoranthene	20.52	252	330732	34.905	nq	100
89) Benzo(k)fluoranthene	20.55	252	330461	36.612	nq	99
90) Benzo(a)pyrene	20.93	252	298095	34.535	nq	100
91) Dibenzo(a,h)anthracene	22.65	278	293534	34.780	nq	98
92) Benzo(g,h,i)perylene	23.11	276	285428	35.393	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Instrument :

BNA_P

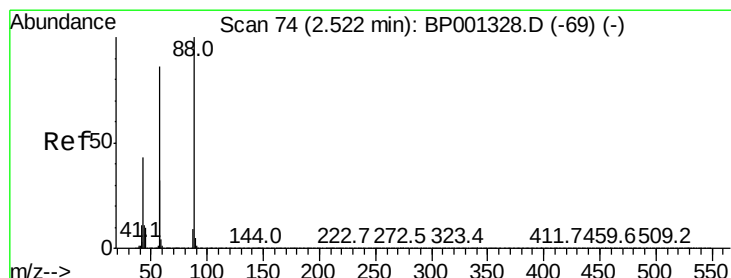
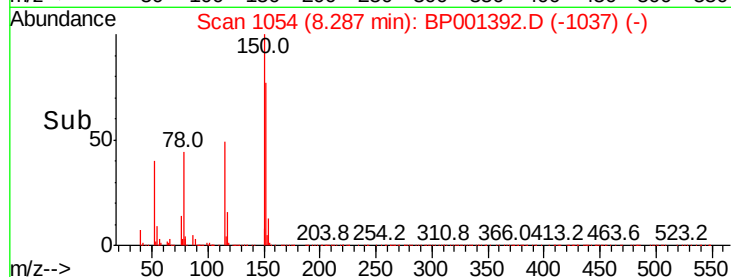
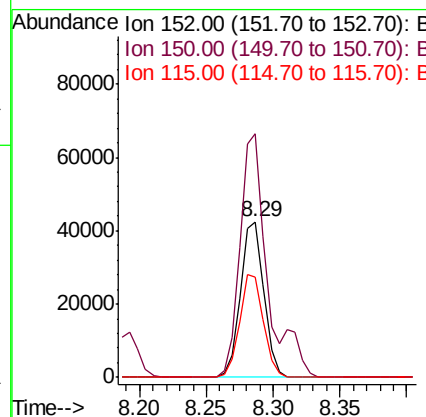
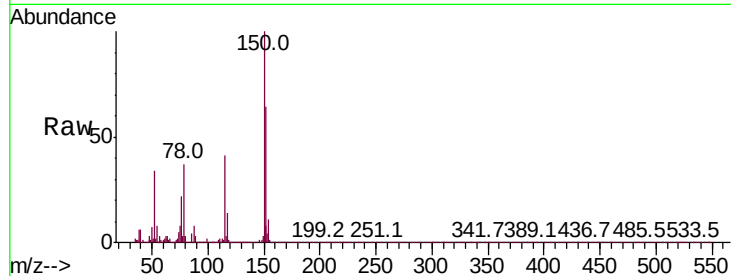
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	152	Resp:	51679
Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.0	190.6
115	64.4	56.1	84.1

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#2

1,4-Dioxane

Concen: 26.374 ng

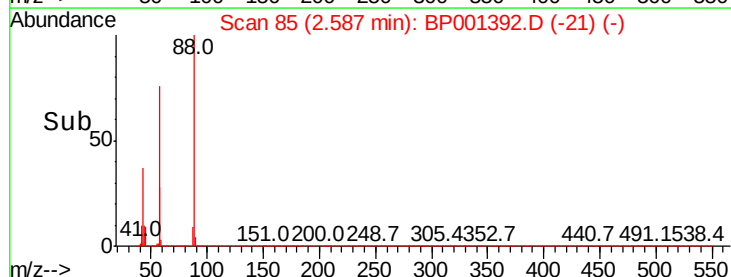
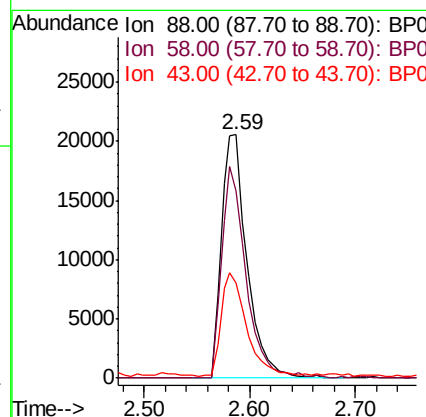
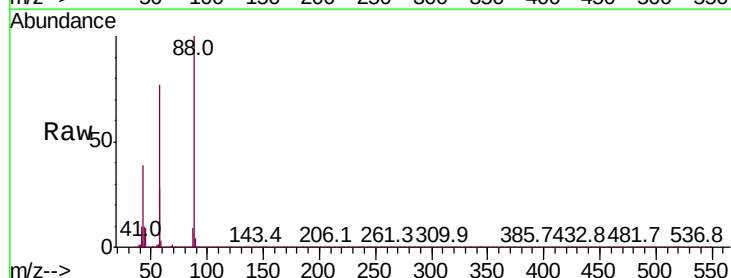
RT: 2.59 min Scan# 85

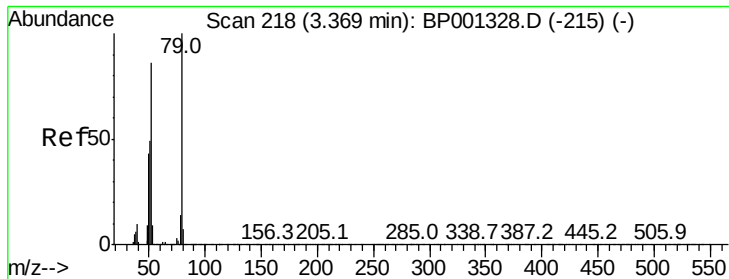
Delta R.T. 0.08 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion:	88	Resp:	34706
Ion	Ratio	Lower	Upper
88	100		
58	82.3	66.9	100.3
43	42.6	32.9	49.3





#3

Pvridine

Concen: 24.246 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.07 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Instrument :

BNA_P

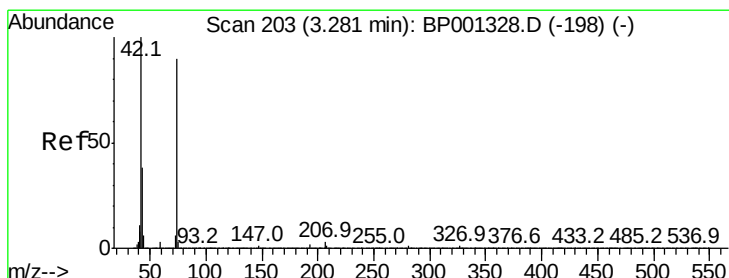
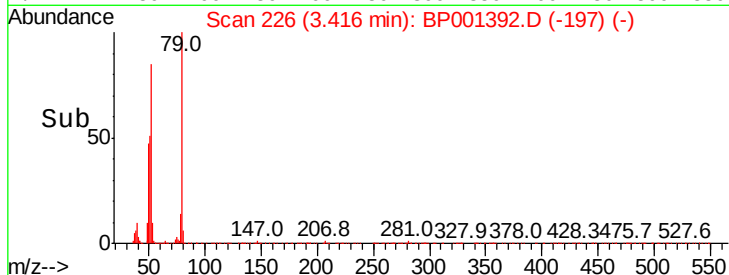
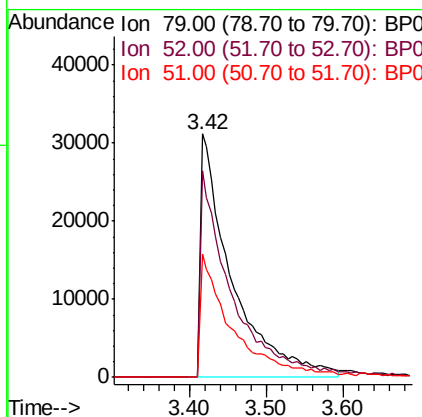
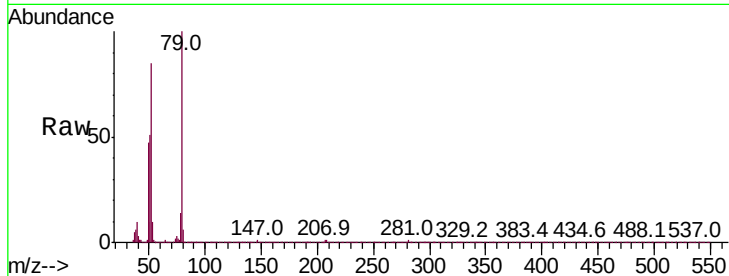
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	79	Resp:	87159
Ion Ratio	Lower	Upper	
79	100		
52	84.6	64.6	96.8
51	50.9	40.2	60.2

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#4

n-Nitrosodimethylamine

Concen: 35.263 ng

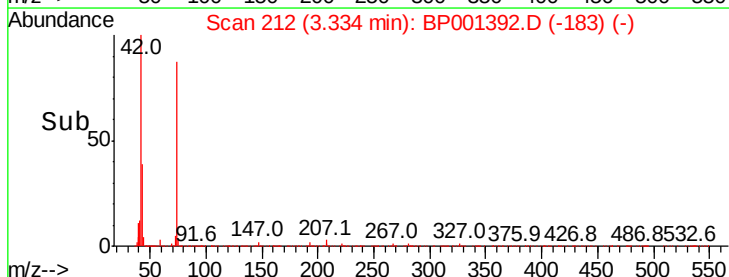
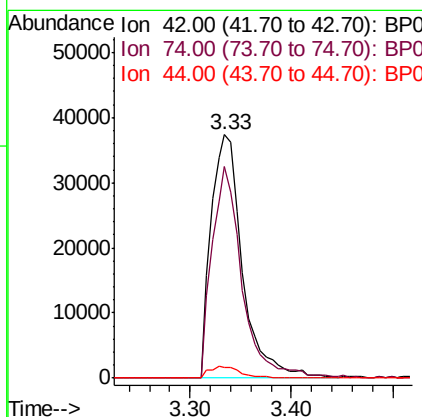
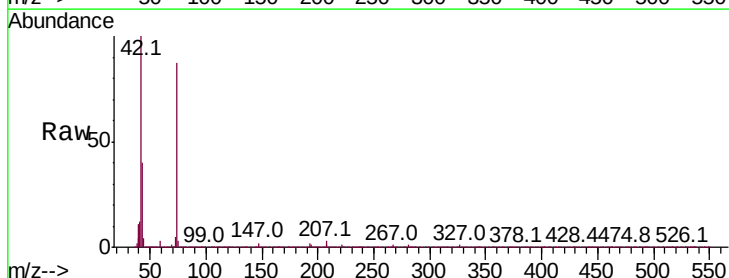
RT: 3.33 min Scan# 212

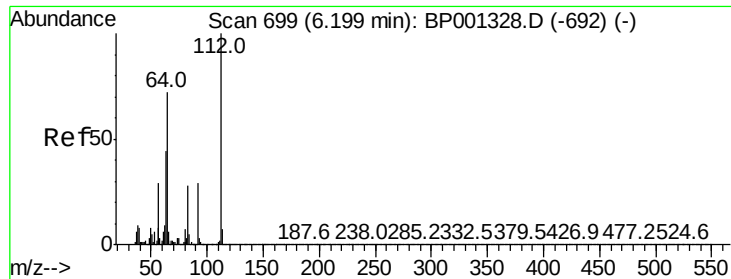
Delta R.T. 0.07 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion:	42	Resp:	80266
Ion Ratio	Lower	Upper	
42	100		
74	86.8	65.3	97.9
44	4.5	3.8	5.6





#5

2-Fluorophenol

Concen: 92.381 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Instrument :

BNA_P

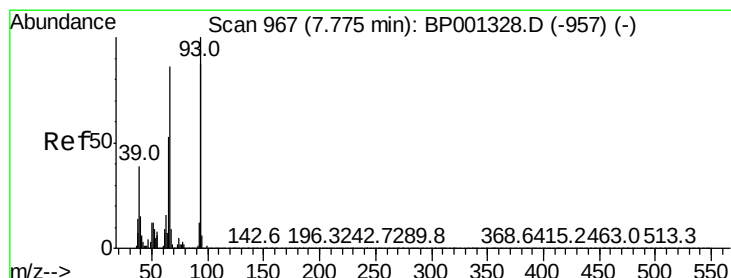
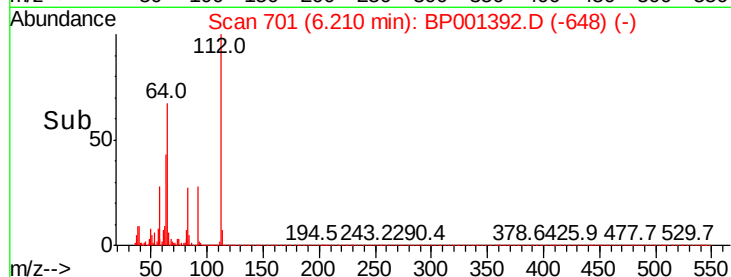
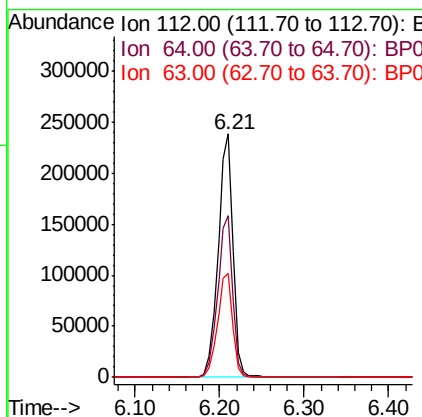
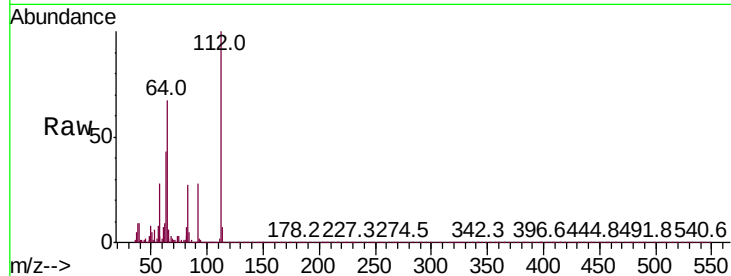
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		295395		
64	66.6	53.9	80.9		
63	42.7	33.4	50.0		

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#6

Aniline

Concen: 35.643 ng

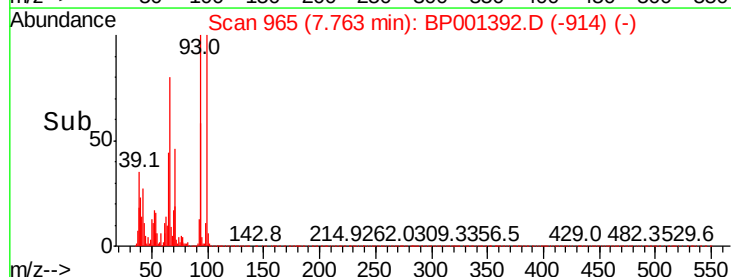
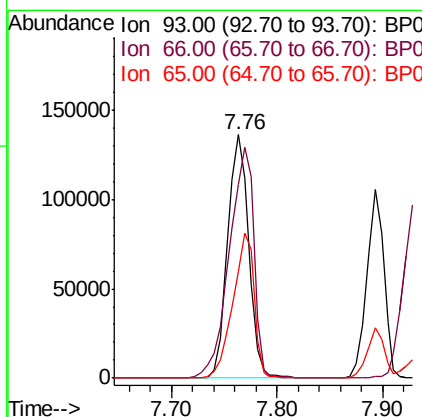
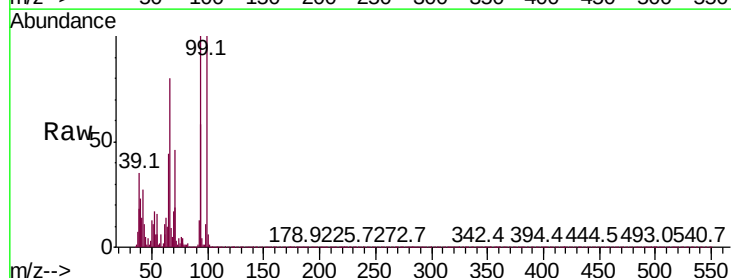
RT: 7.76 min Scan# 965

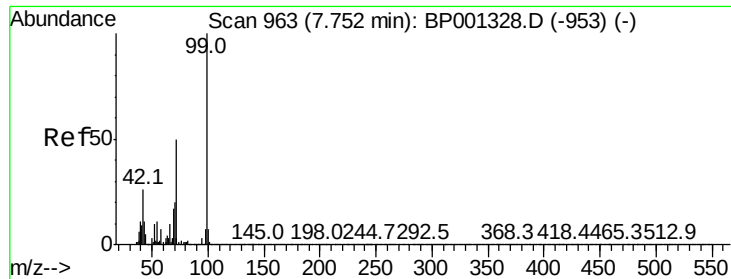
Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		187213		
66	79.7	69.0	103.6		
65	43.7	41.1	61.7		





#7

Phenol-d6

Concen: 97.330 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Instrument :

BNA_P

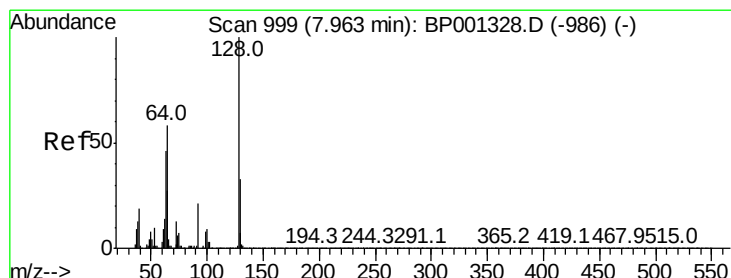
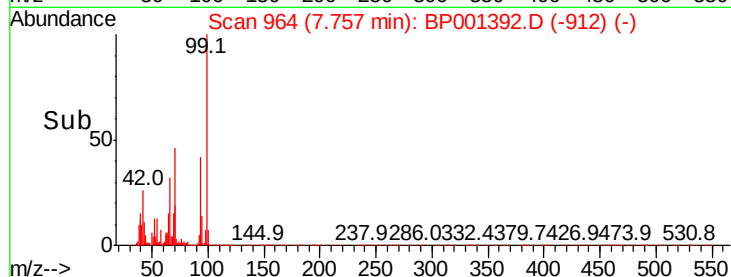
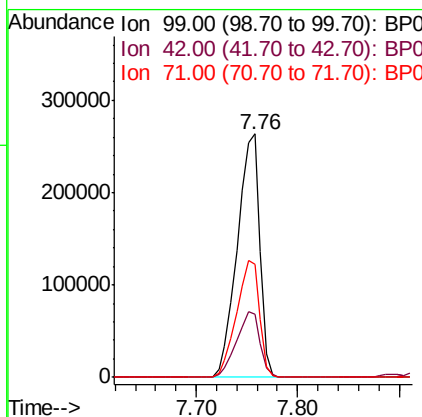
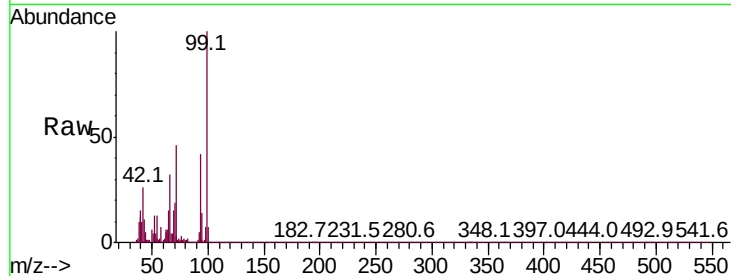
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	99	Resp:	406102
Ion Ratio	Lower	Upper	
99	100		
42	25.7	20.8	31.2
71	46.4	38.2	57.4

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#8

2-Chlorophenol

Concen: 37.857 ng

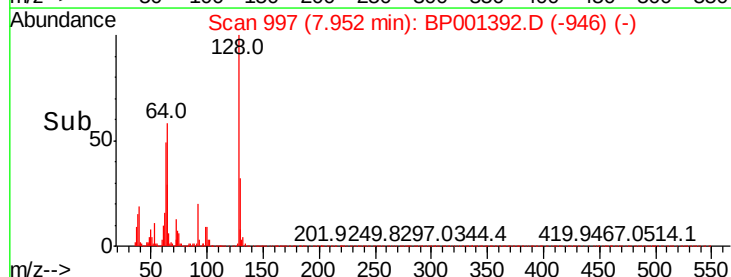
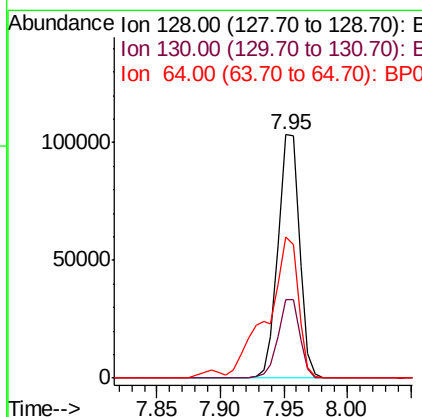
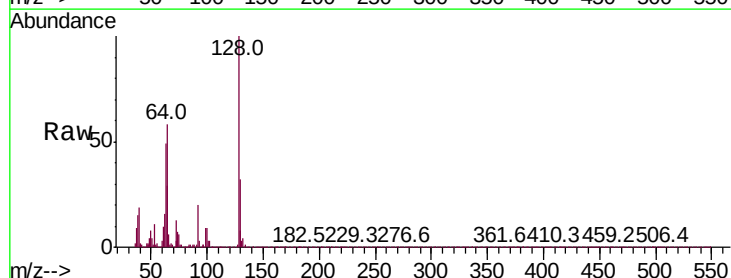
RT: 7.95 min Scan# 997

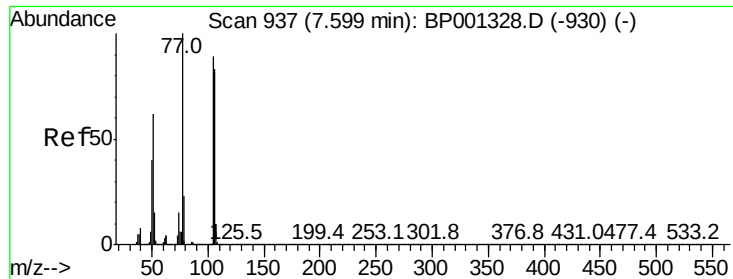
Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion:	128	Resp:	121697
Ion Ratio	Lower	Upper	
128	100		
130	32.0	10.7	50.7
64	58.2	37.7	77.7





#9

Benzaldehyde

Concen: 29.709 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Instrument :

BNA_P

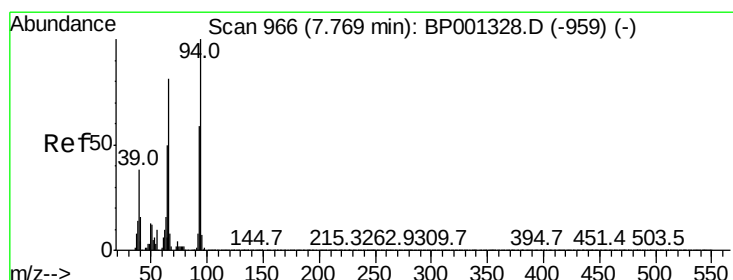
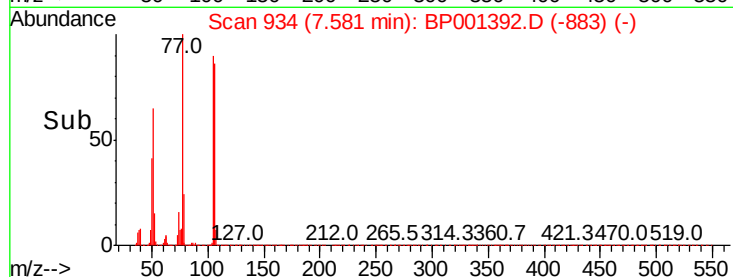
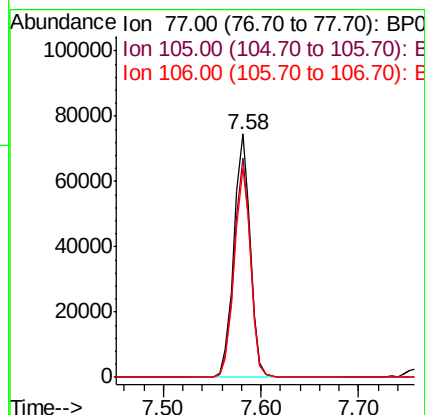
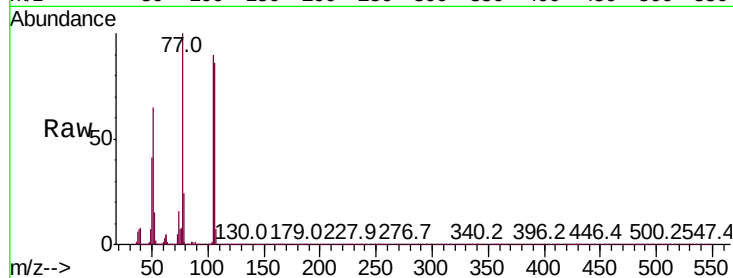
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.8	75.7	115.7
106	85.9	70.5	110.5

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#10

Phenol

Concen: 39.188 ng

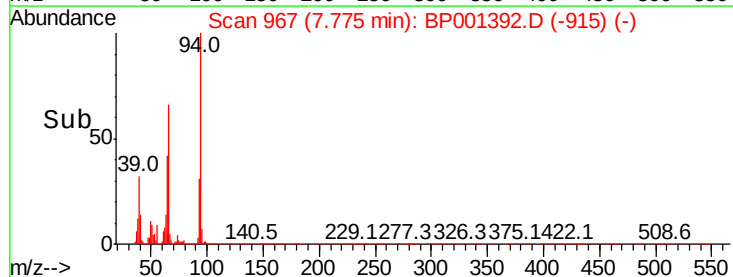
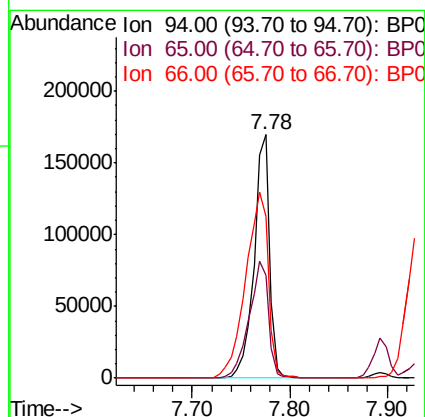
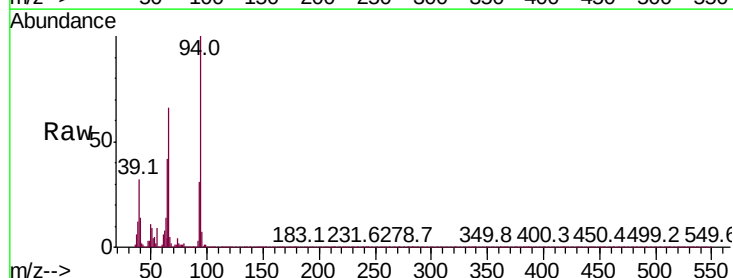
RT: 7.78 min Scan# 967

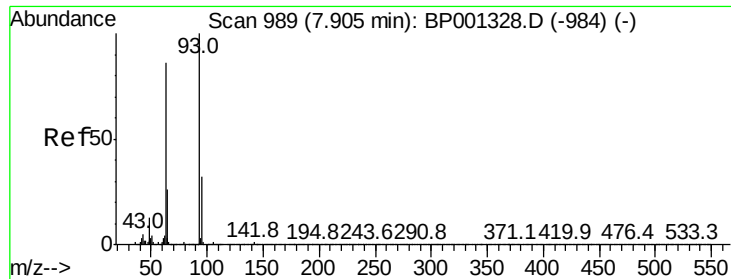
Delta R.T. 0.01 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.3	29.6	69.6
66	66.5	62.3	102.3





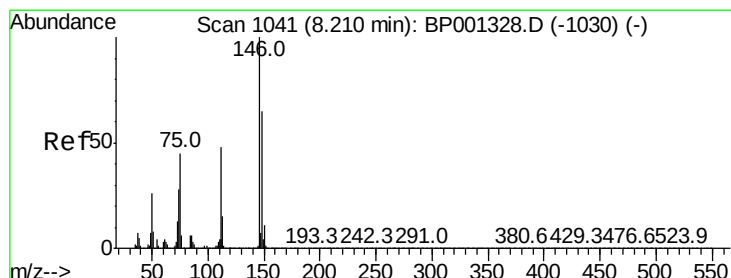
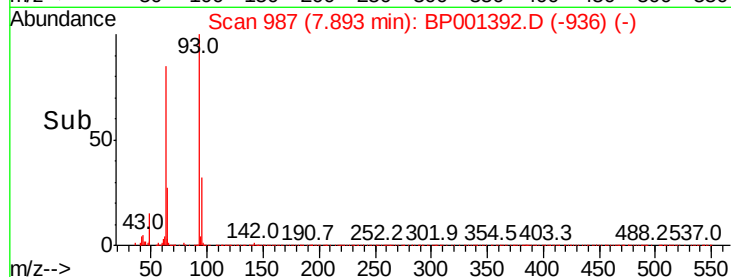
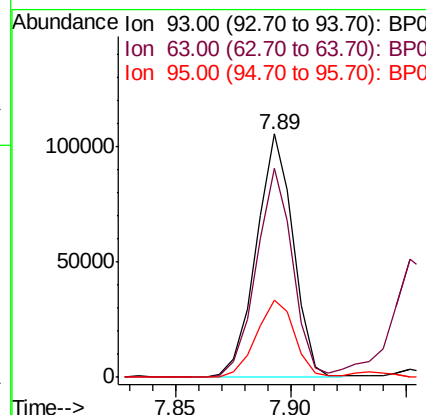
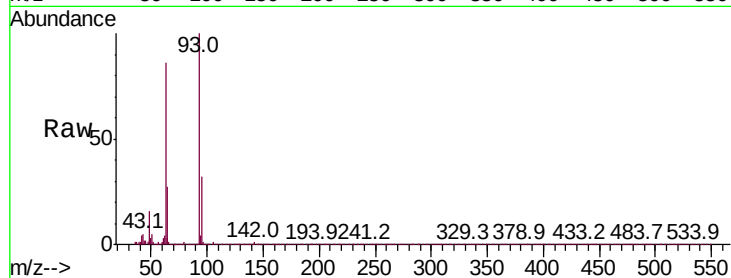
#11
bis(2-Chloroethyl)ether
Concen: 34.801 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.0	64.9	104.9
95	31.6	12.8	52.8

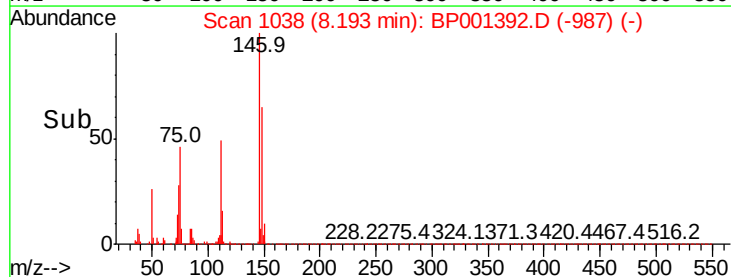
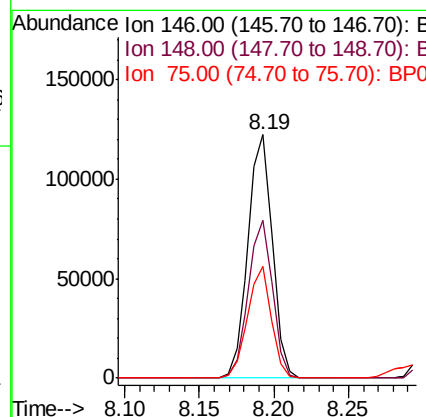
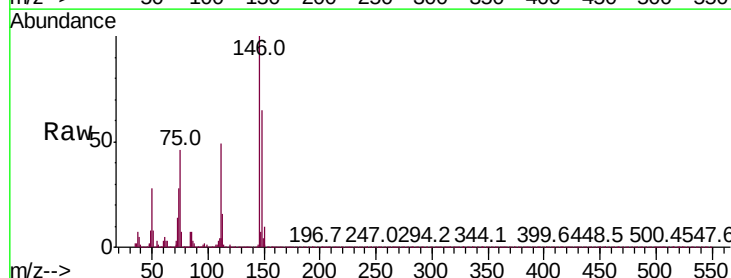
Manual Integrations
APPROVED

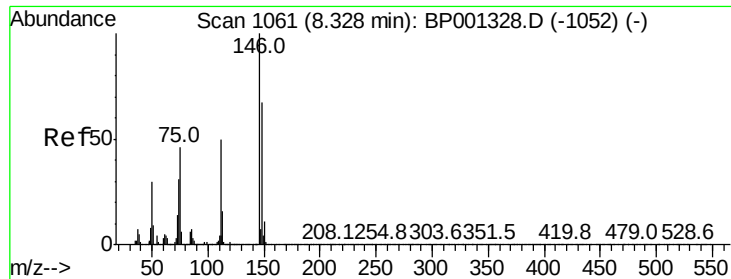
mohammad
12/26/2019 4:01:30 PM



#12
1,3-Dichlorobenzene
Concen: 34.554 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
75	45.8	35.8	53.8





#13

1,4-Dichlorobenzene

Concen: 34.386 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BP001392.D

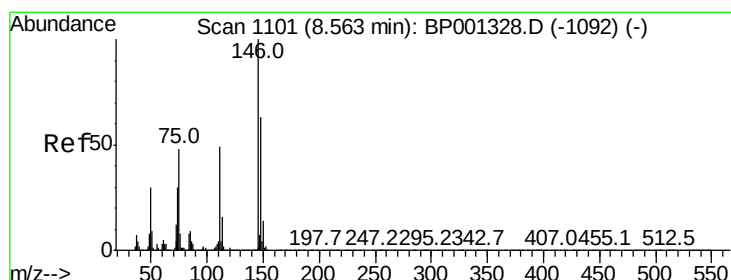
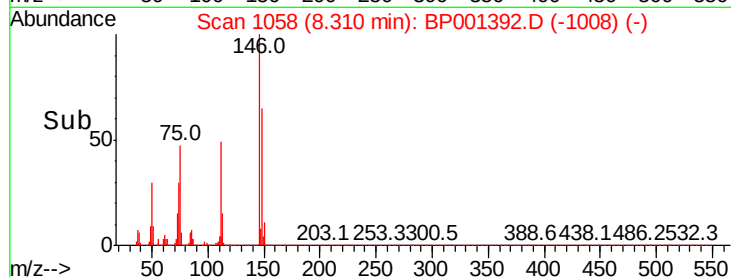
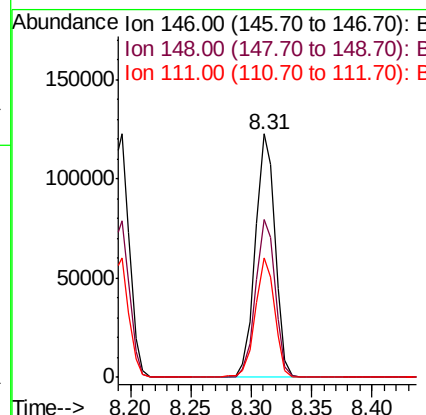
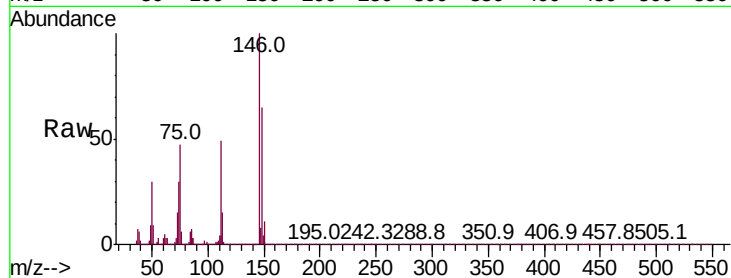
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	49.0	36.8	55.2

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#14

1,2-Dichlorobenzene

Concen: 34.935 ng

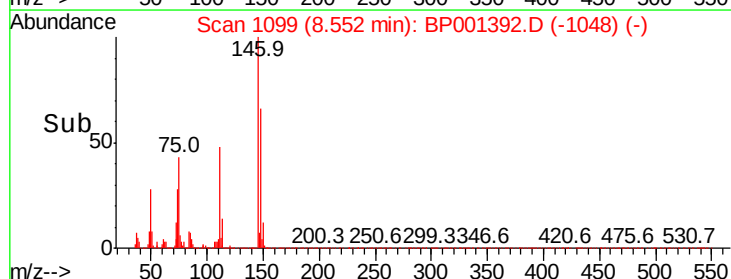
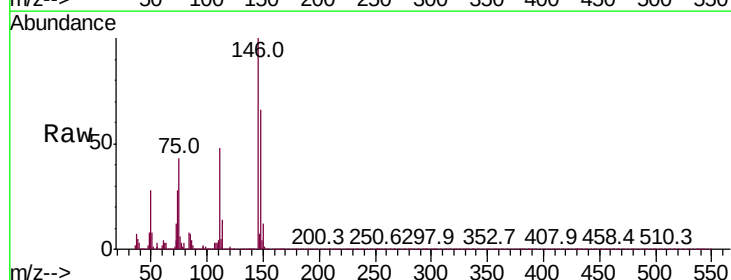
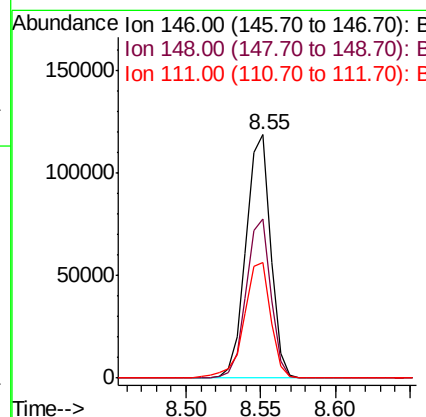
RT: 8.55 min Scan# 1099

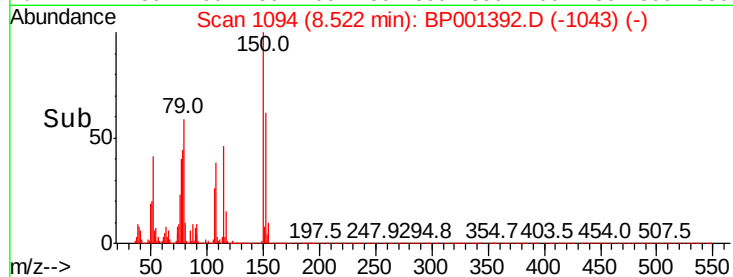
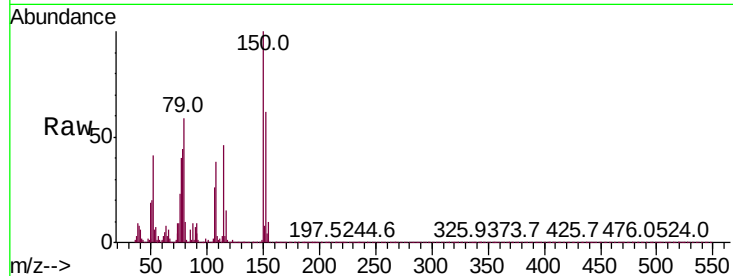
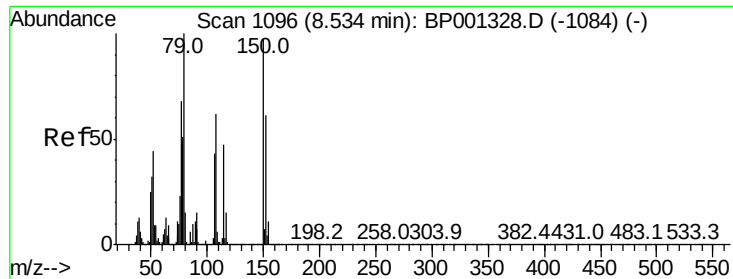
Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.1	79.7
111	47.7	39.5	59.3





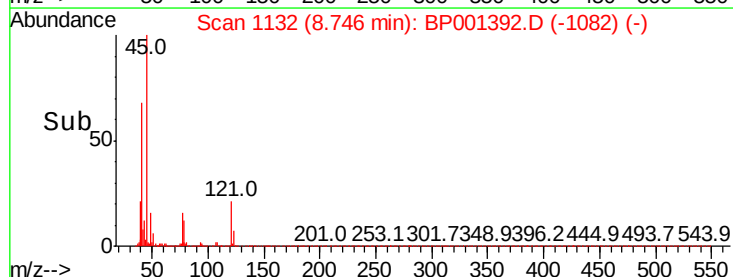
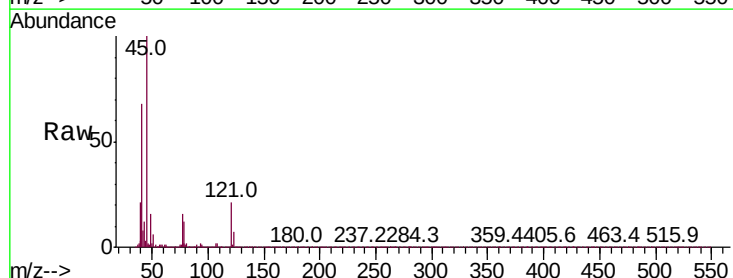
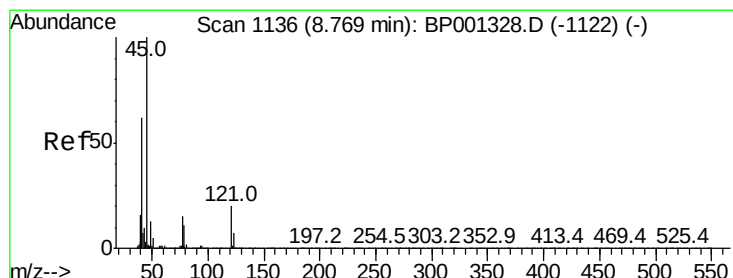
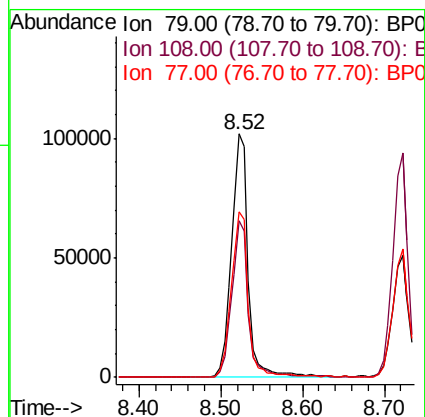
#15
Benzyl Alcohol
Concen: 36.771 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.2	49.0	73.4
77	67.9	56.7	85.1

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

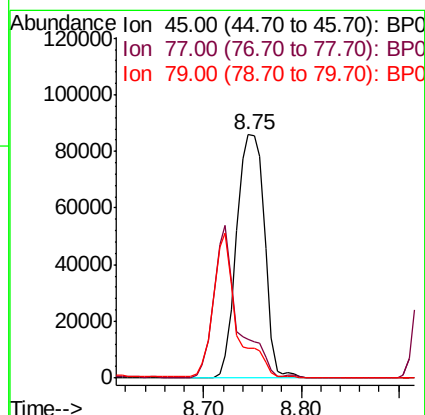
Manual Integrations
APPROVED

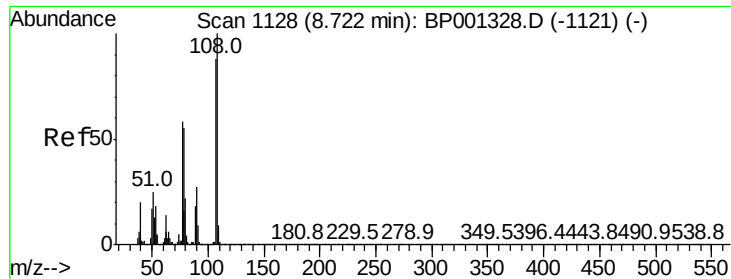
mohammad
12/26/2019 4:01:30 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.862 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	34.7
79	12.0	0.0	31.8





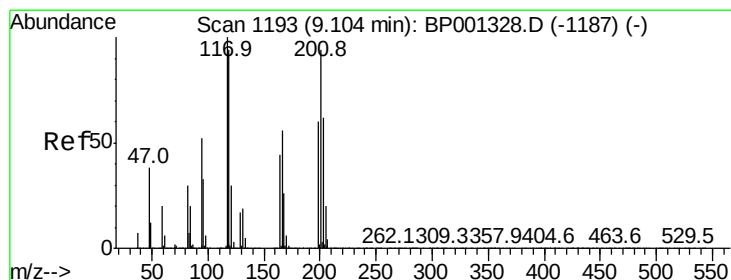
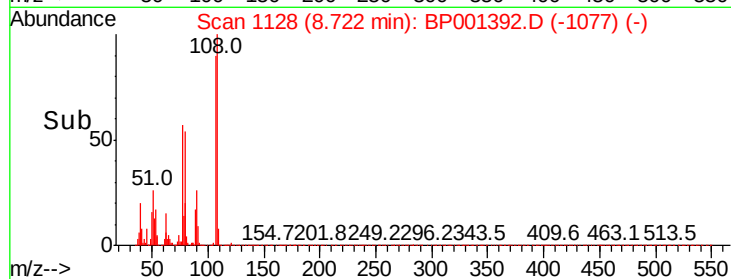
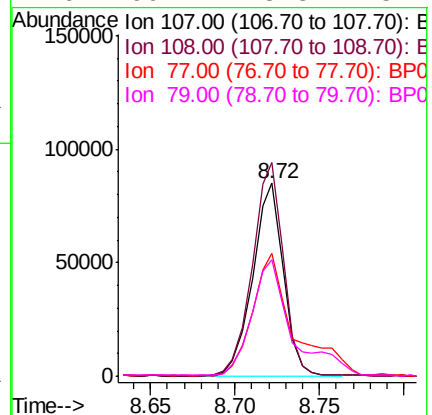
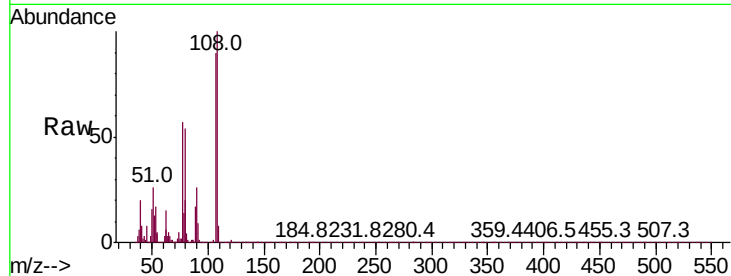
#17
2-Methylphenol
Concen: 37.952 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	88.8	133.2	
77	63.5	48.9	73.3	
79	60.4	48.8	73.2	

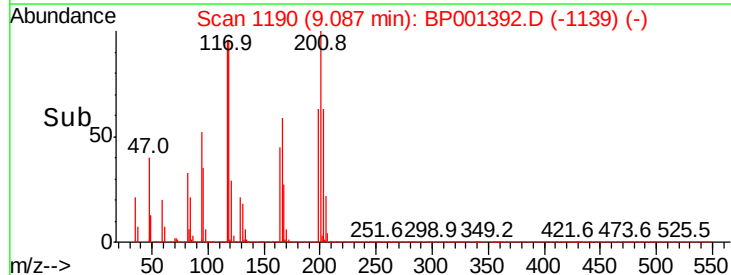
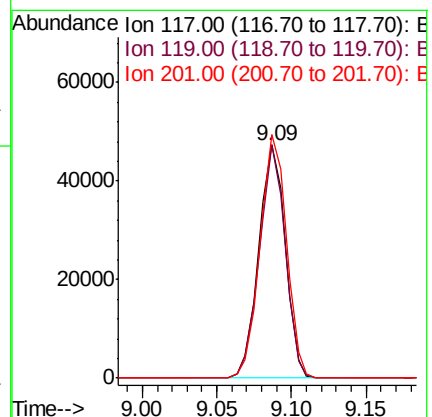
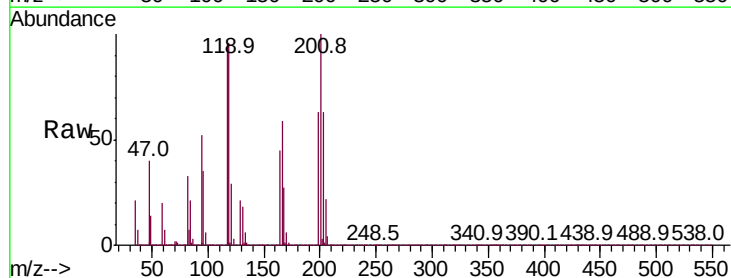
Manual Integrations
APPROVED

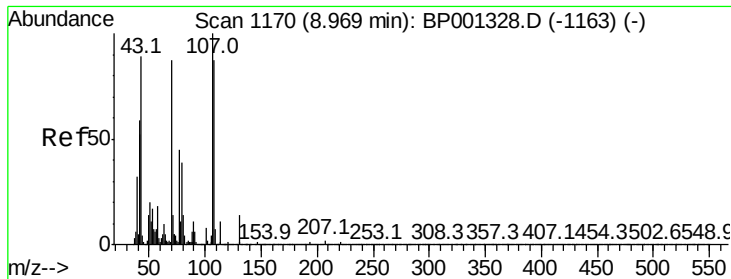
mohammad
12/26/2019 4:01:30 PM



#18
Hexachloroethane
Concen: 33.142 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.3	75.8	113.6	
201	104.5	77.8	116.6	





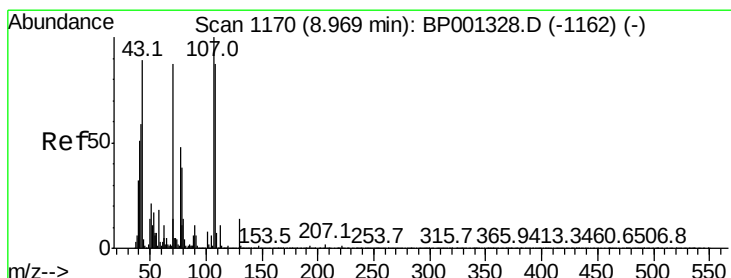
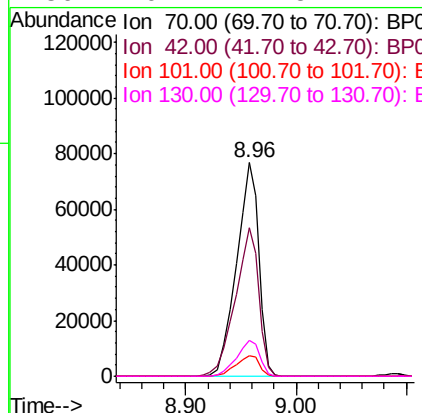
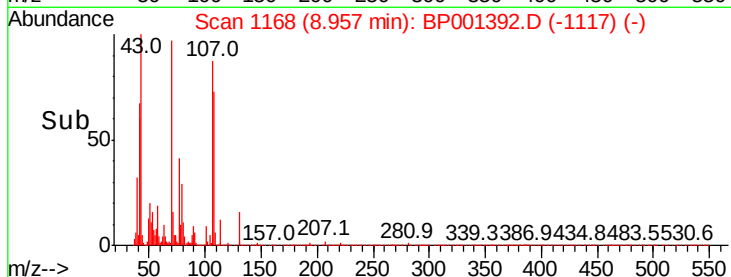
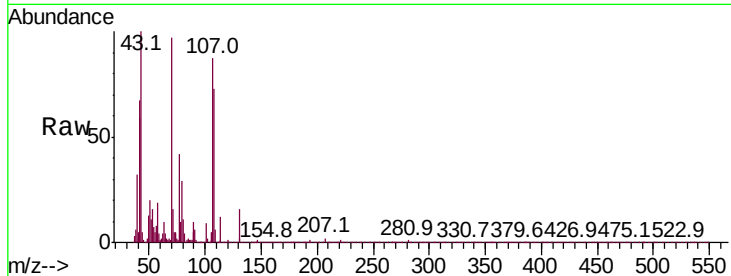
#19
n-Nitroso-di-n-propylamine
Concen: 36.728 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.5	55.8	83.8	
101	9.7	8.2	12.2	
130	16.7	14.5	21.7	

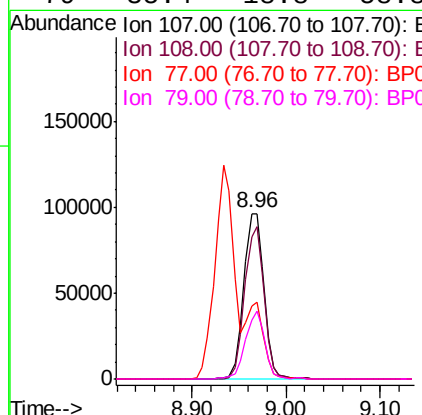
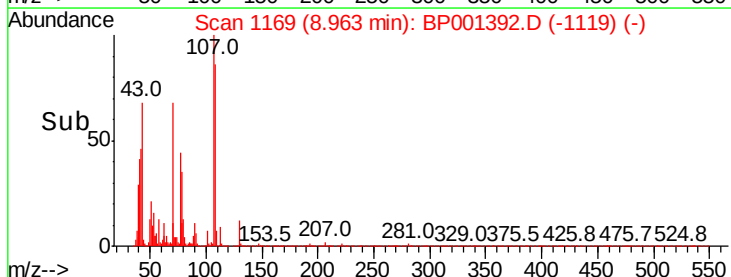
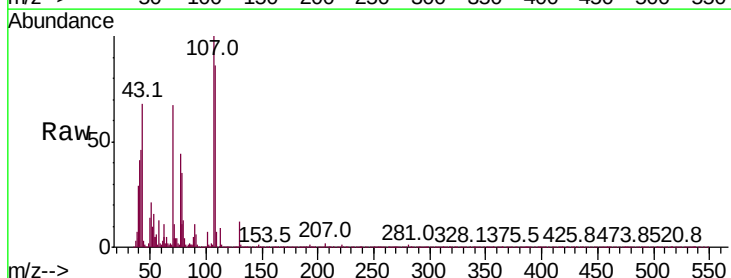
Manual Integrations
APPROVED

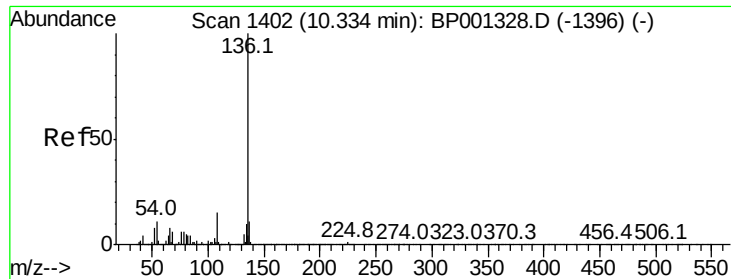
mohammad
12/26/2019 4:01:30 PM



#20
3+4-Methylphenols
Concen: 38.128 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.8	70.4	110.4	
77	44.0	24.5	64.5	
79	35.4	18.8	58.8	





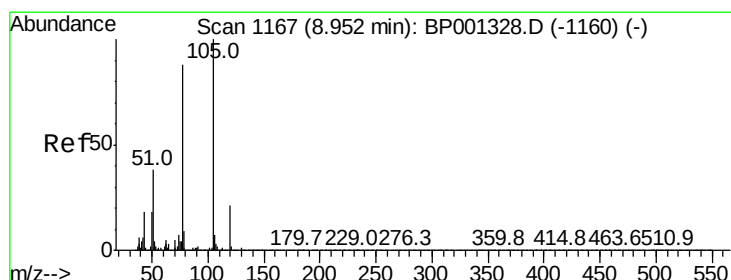
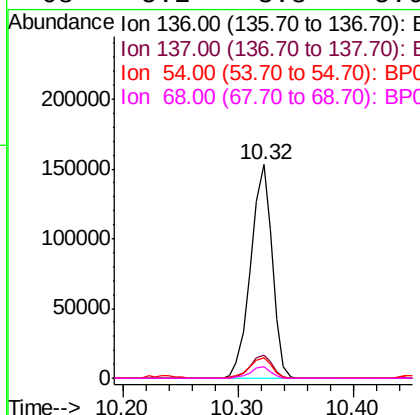
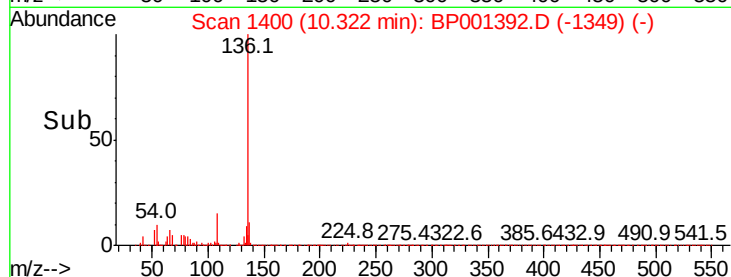
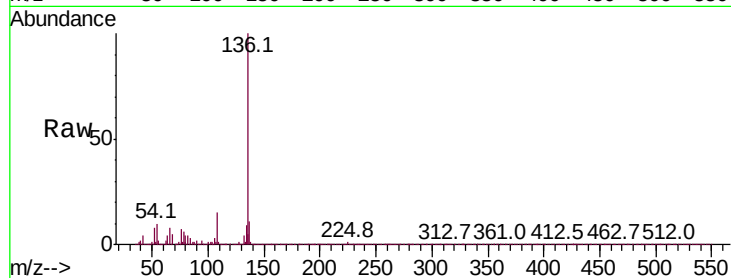
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
Client Sample ID :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.0	13.4	
54	9.6	7.3	10.9	
68	5.2	3.8	5.6	

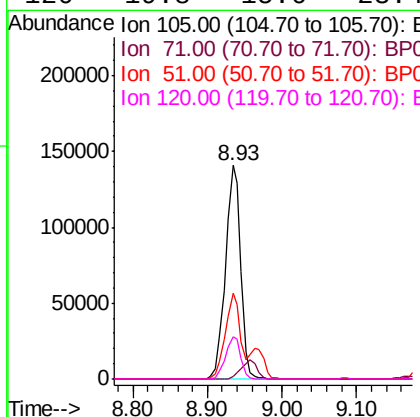
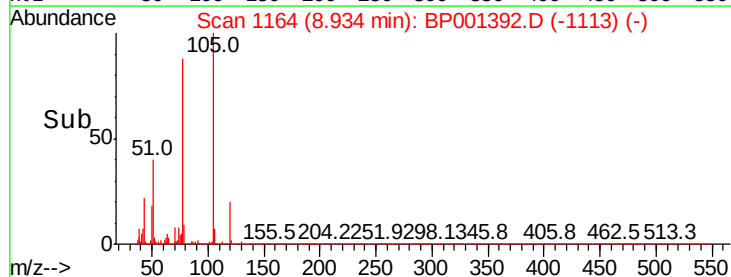
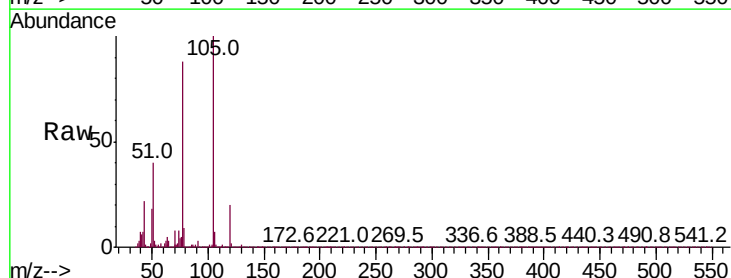
Manual Integrations
APPROVED

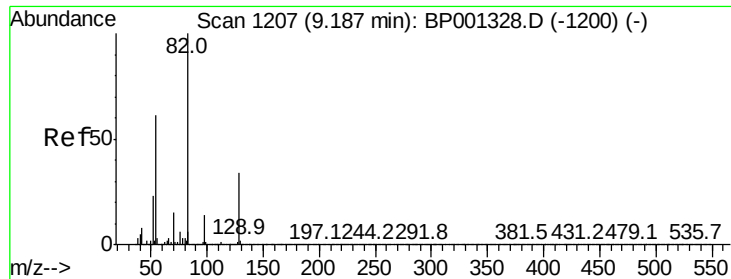
mohammad
12/26/2019 4:01:30 PM



#22
Acetophenone
Concen: 31.935 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.4	0.2	0.4	#
51	40.2	29.8	44.6	
120	19.8	15.6	23.4	





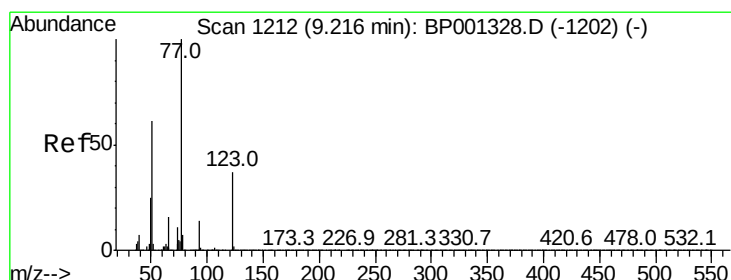
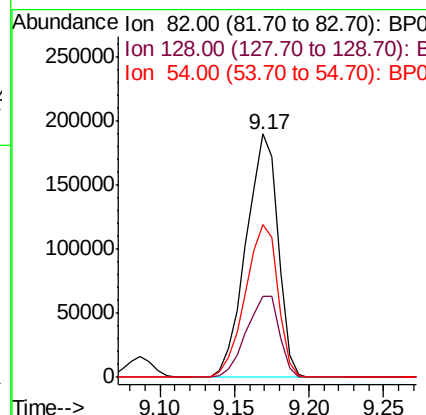
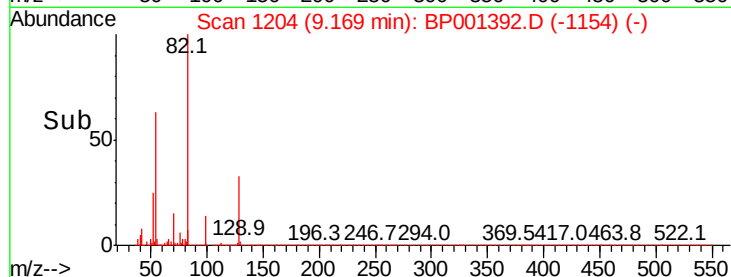
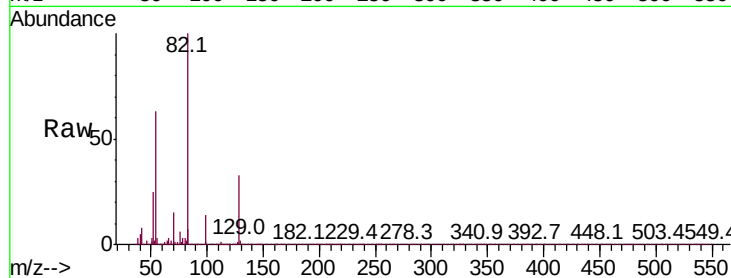
#23
 Nitrobenzene-d5
 Concen: 54.503 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BP001392.D
 Acq: 24 Dec 2019 18:05

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	33.5	27.4	41.0
54	62.7	47.5	71.3

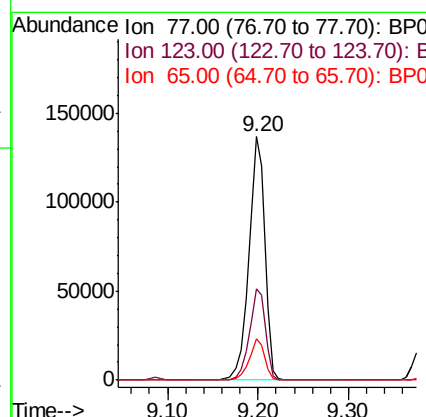
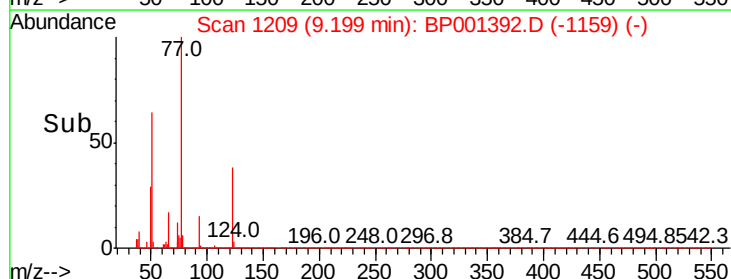
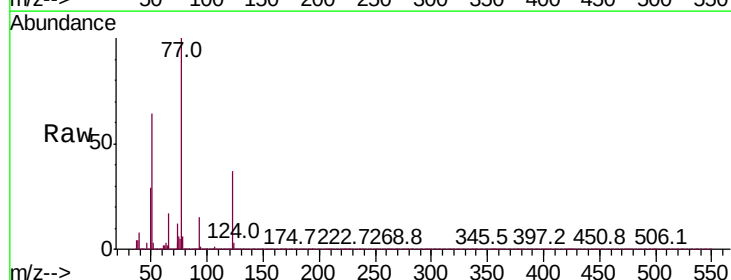
Manual Integrations
 APPROVED

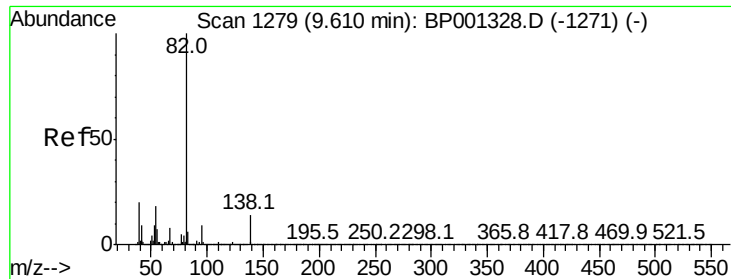
mohammad
 12/26/2019 4:01:30 PM



#24
 Nitrobenzene
 Concen: 32.630 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BP001392.D
 Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	37.4	30.9	46.3
65	17.0	13.0	19.4





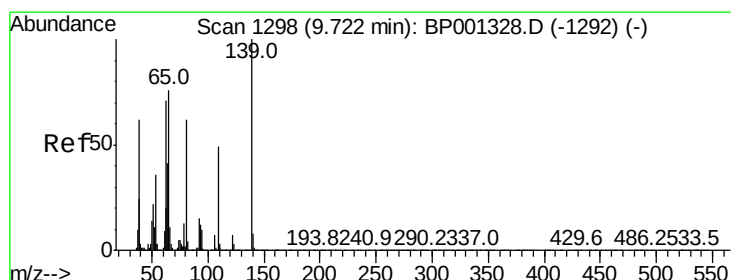
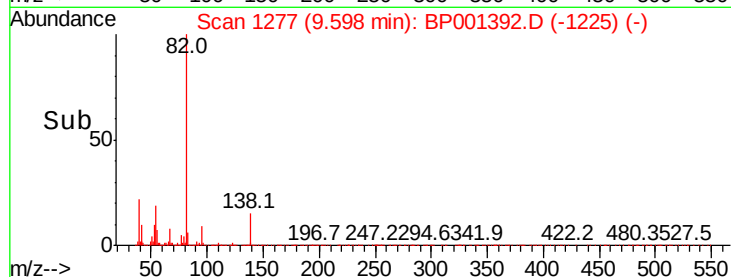
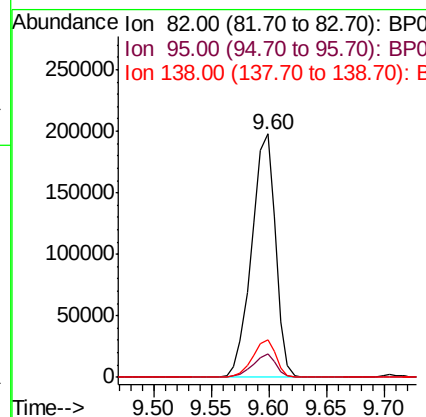
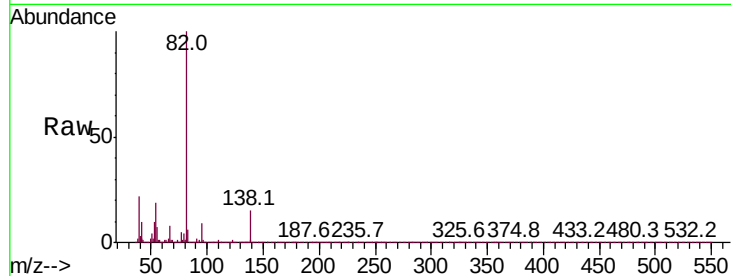
#25
Isophorone
Concen: 34.412 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	9.4	7.3	10.9
138	15.4	11.9	17.9

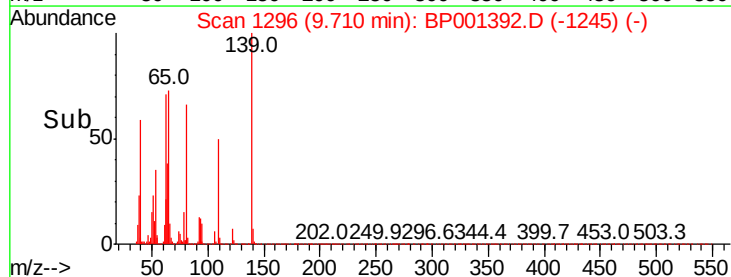
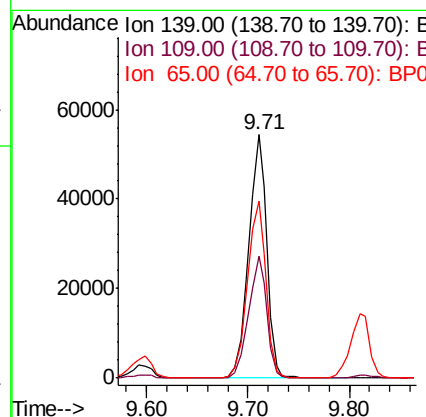
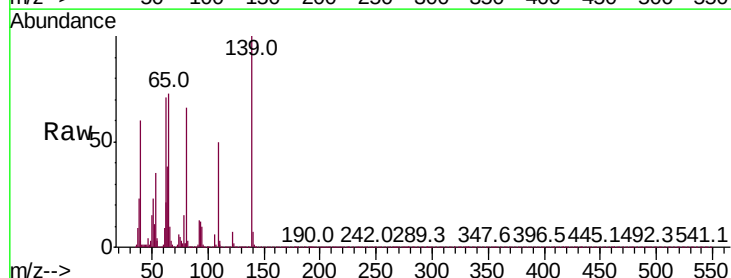
Manual Integrations
APPROVED

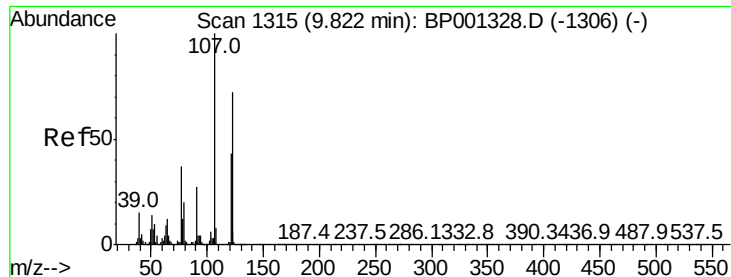
mohammad
12/26/2019 4:01:30 PM



#26
2-Nitrophenol
Concen: 37.026 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	50.2	40.5	60.7
65	72.8	56.2	84.4





#27

2,4-Dimethylphenol

Concen: 41.509 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BP001392.D

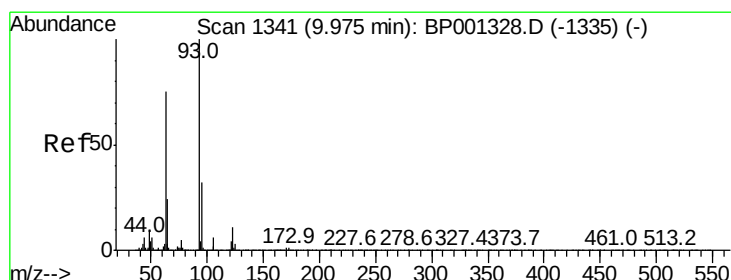
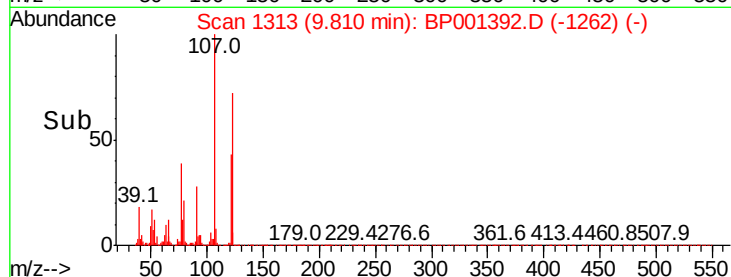
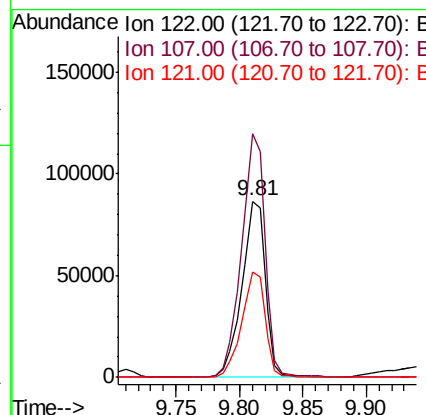
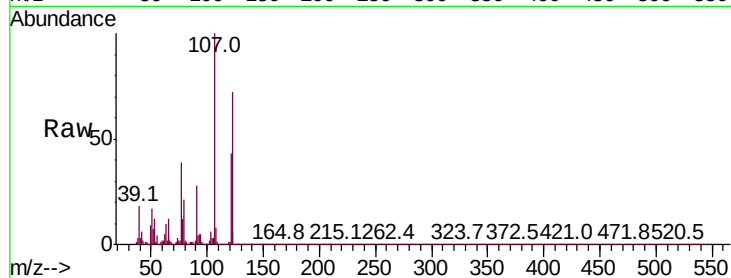
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.4	106.5	159.7
121	59.7	47.1	70.7

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#28

bis(2-Chloroethoxy)methane

Concen: 31.561 ng

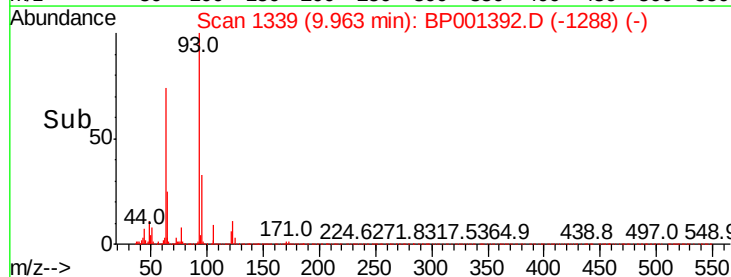
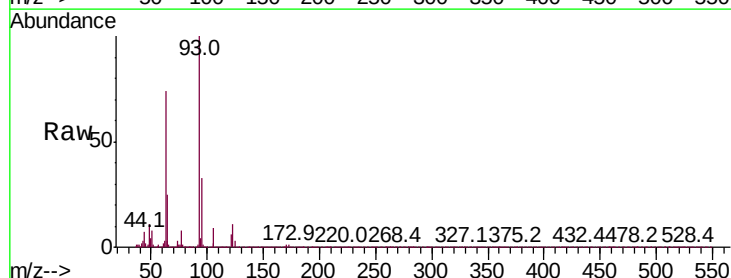
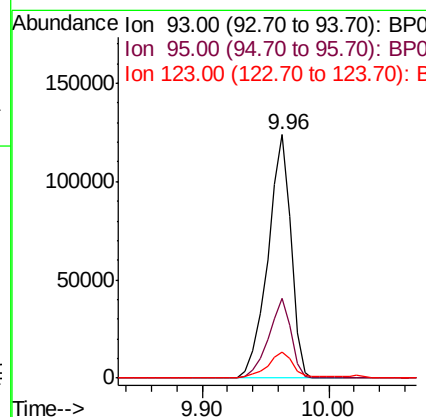
RT: 9.96 min Scan# 1339

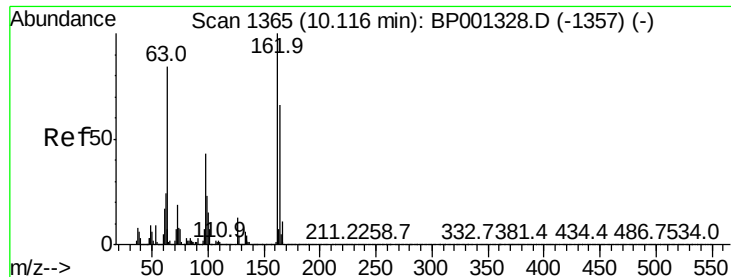
Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	10.5	9.0	13.6





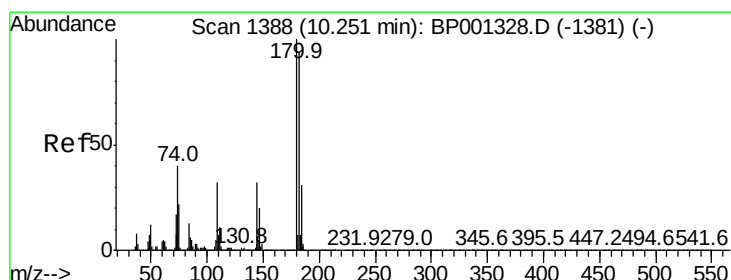
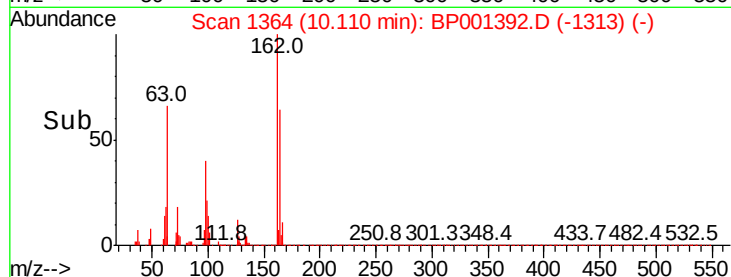
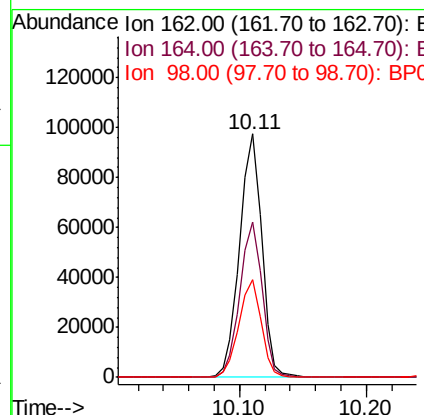
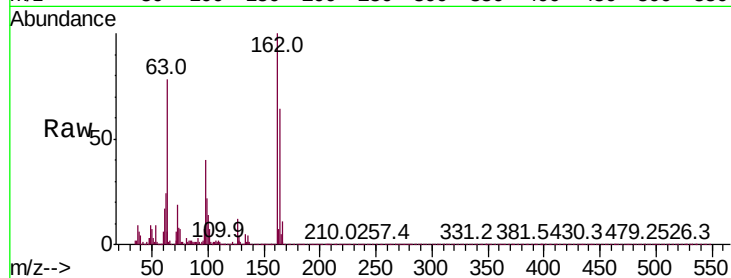
#29
2,4-Dichlorophenol
Concen: 35.811 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	44.8	84.8
98	40.3	18.5	58.5

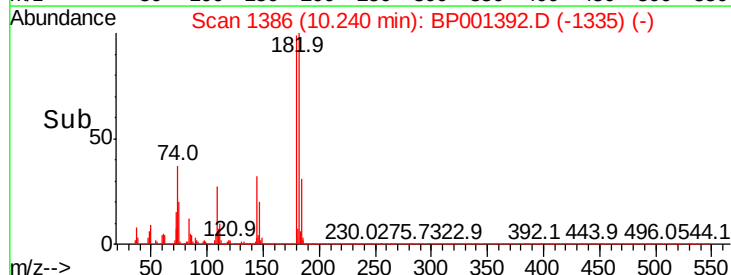
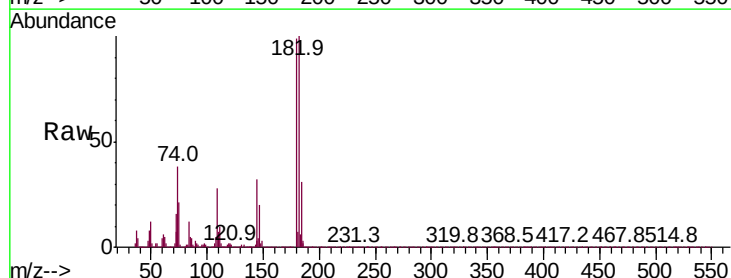
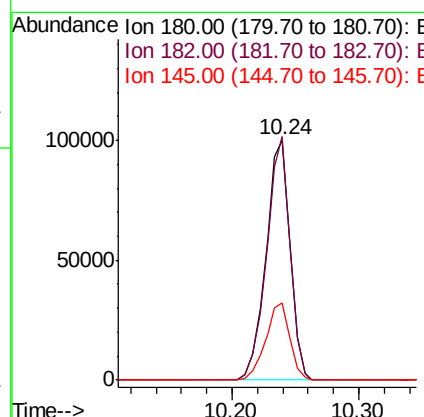
Manual Integrations
APPROVED

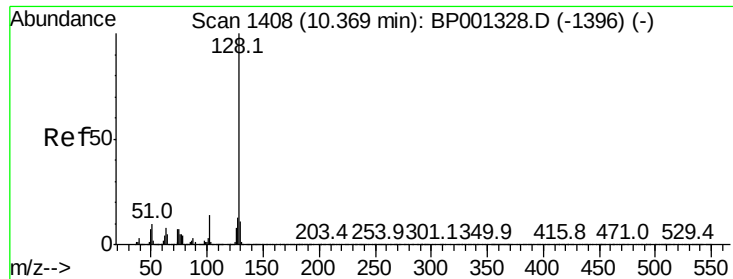
mohammad
12/26/2019 4:01:30 PM



#30
1,2,4-Trichlorobenzene
Concen: 32.685 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	101.3	79.3	118.9
145	32.0	23.1	34.7





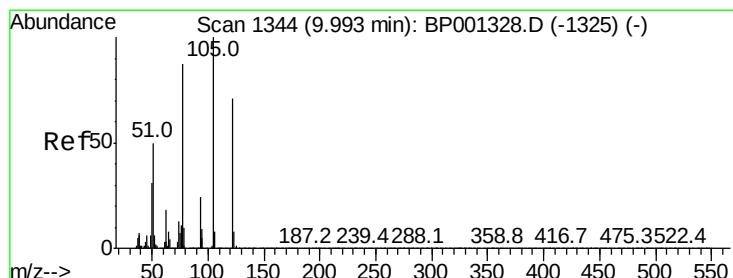
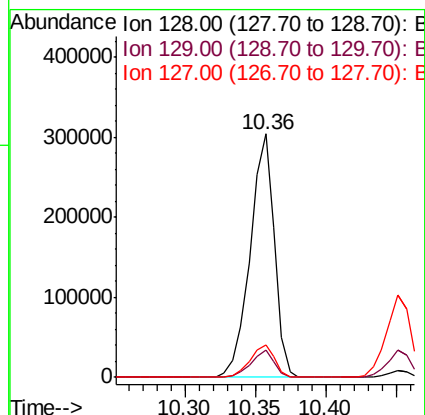
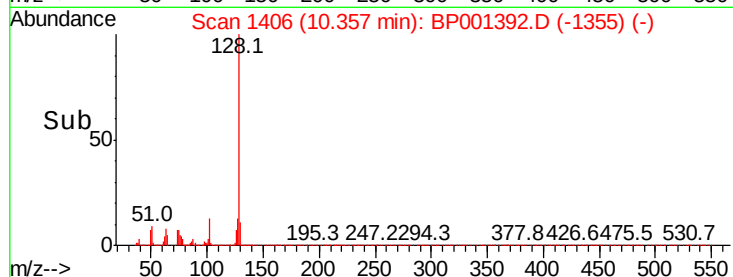
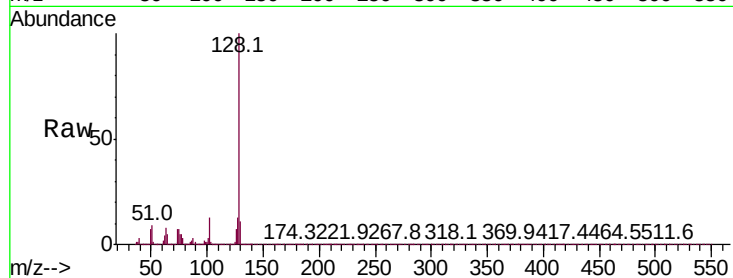
#31
Naphthalene
Concen: 33.932 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.3	11.0	16.6

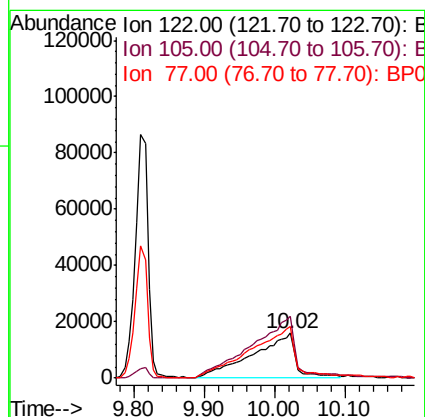
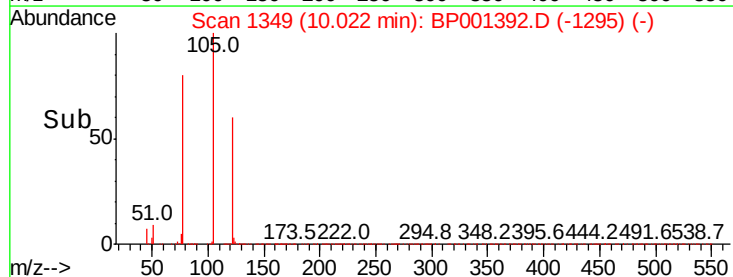
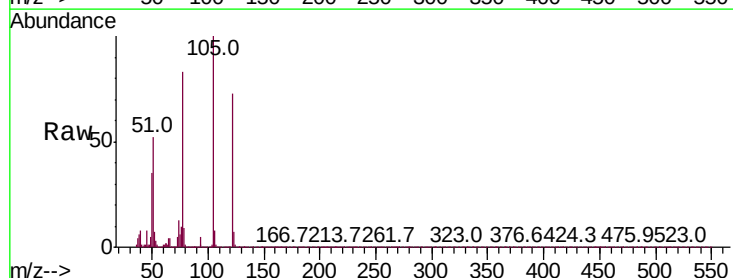
Manual Integrations
APPROVED

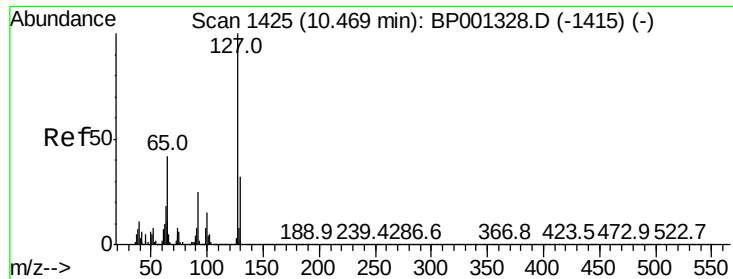
mohammad
12/26/2019 4:01:30 PM



#32
Benzoic acid
Concen: 32.733 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.5	117.8	157.8
77	113.8	85.6	125.6





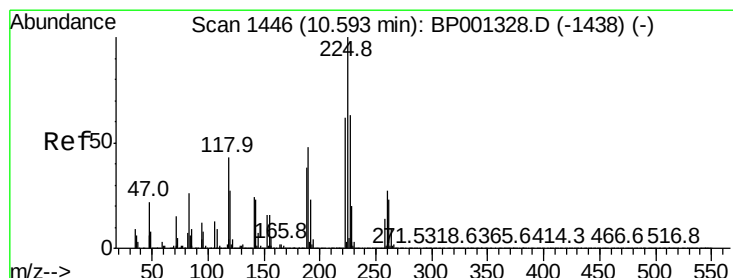
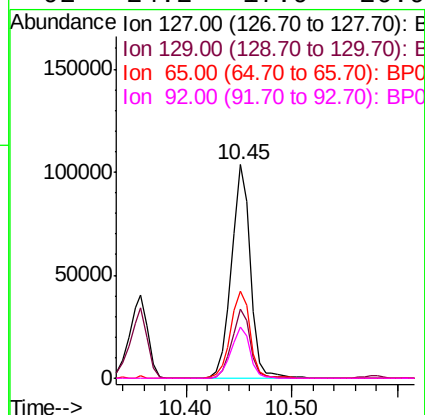
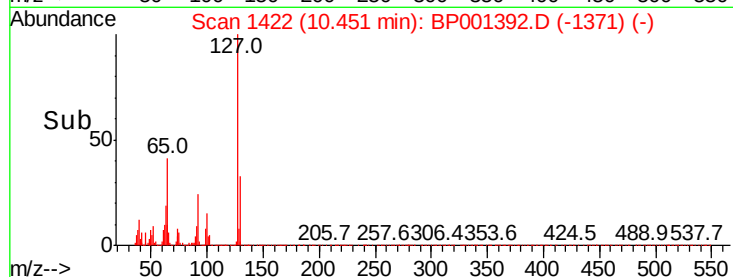
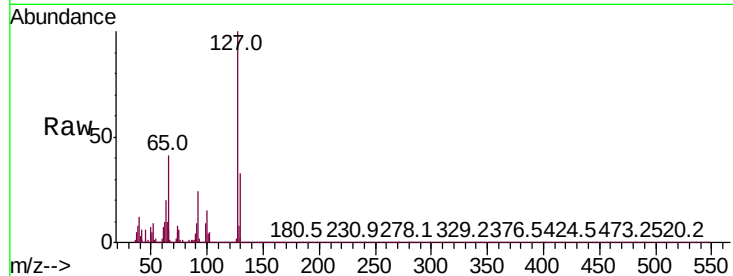
#33
4-Chloroaniline
Concen: 28.843 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	25.8	38.8	
65	40.9	33.9	50.9	
92	24.2	17.9	26.9	

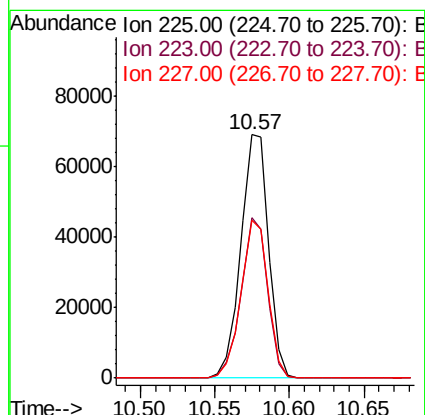
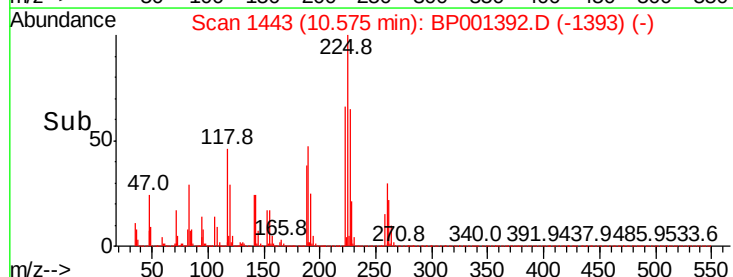
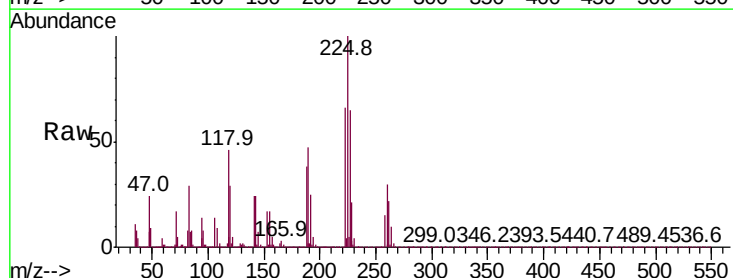
Manual Integrations
APPROVED

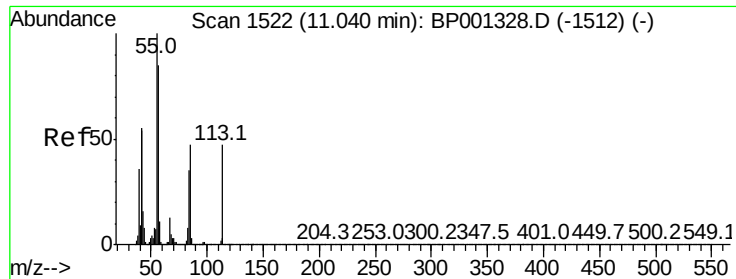
mohammad
12/26/2019 4:01:30 PM



#34
Hexachlorobutadiene
Concen: 31.456 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.8	51.4	77.0	
227	64.7	57.0	85.4	





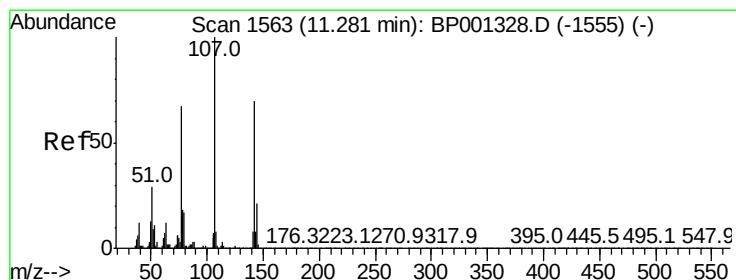
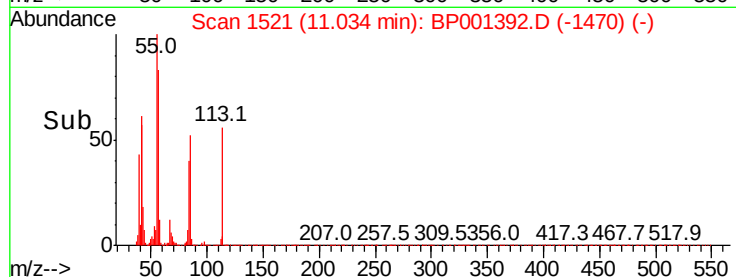
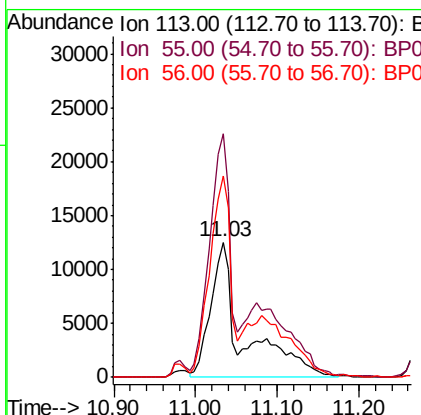
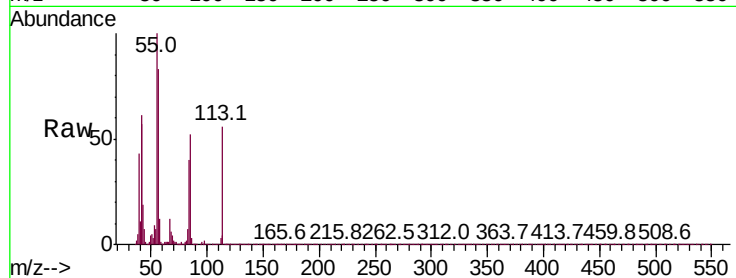
#35
 Caprolactam
 Concen: 35.134 ng/ml
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BP001392.D
 Acq: 24 Dec 2019 18:05

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	179.8	164.2	204.2
56	149.1	130.8	170.8

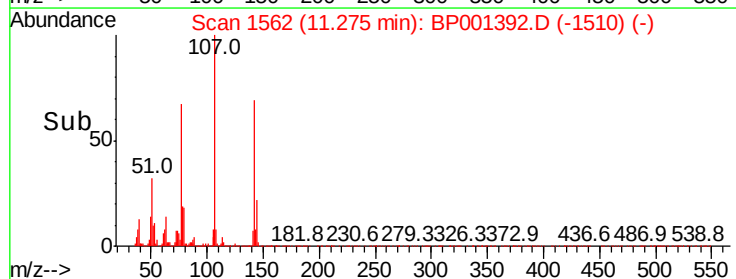
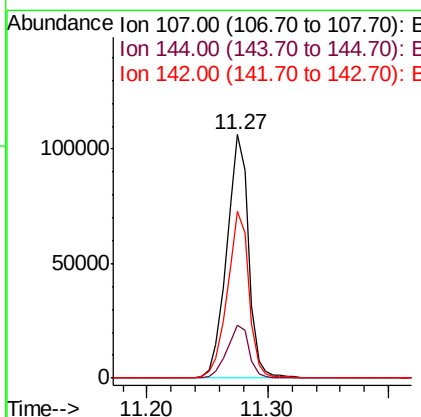
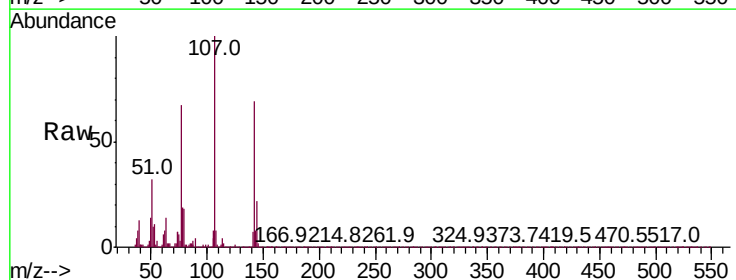
Manual Integrations
 APPROVED

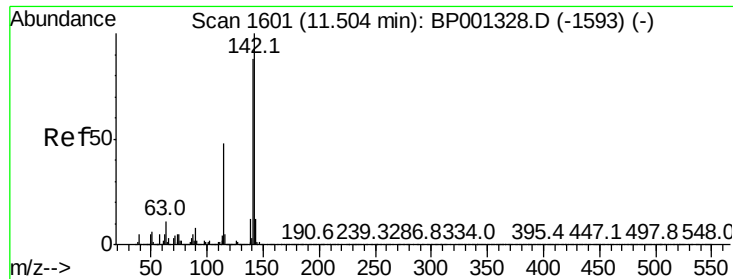
mohammad
 12/26/2019 4:01:30 PM



#36
 4-Chloro-3-methylphenol
 Concen: 34.813 ng/ml
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BP001392.D
 Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.5	17.8	26.8
142	68.7	56.2	84.4





#37

2-Methylnaphthalene

Concen: 35.658 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BP001392.D

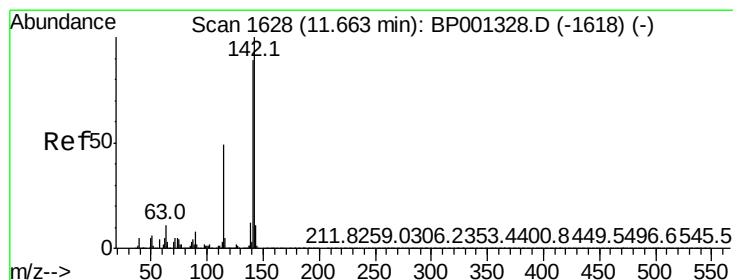
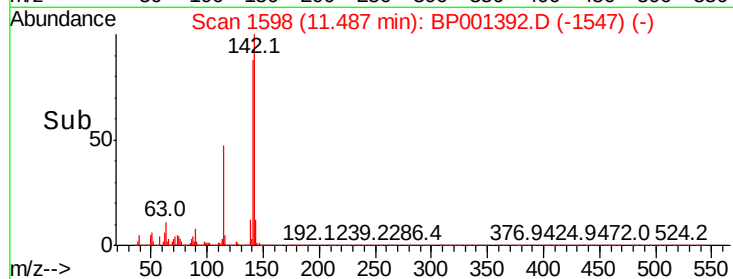
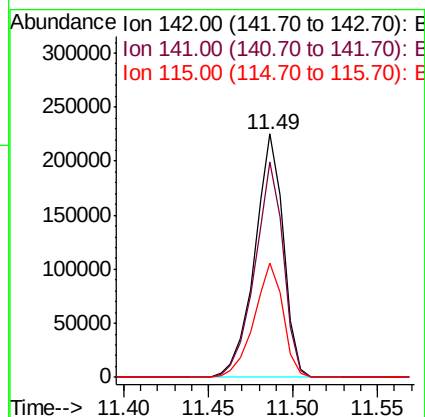
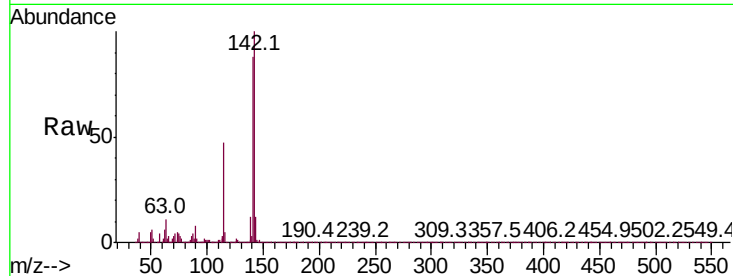
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	88.3	70.2	105.2
115	47.2	37.0	55.4

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#38

1-Methylnaphthalene

Concen: 35.694 ng

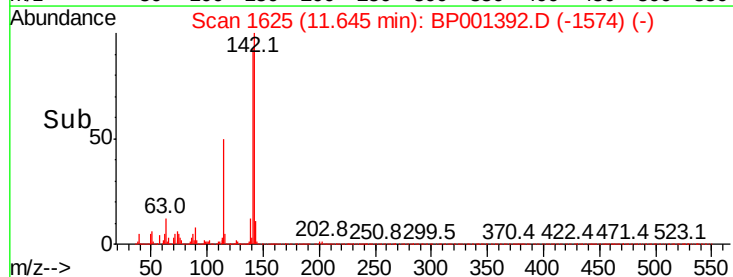
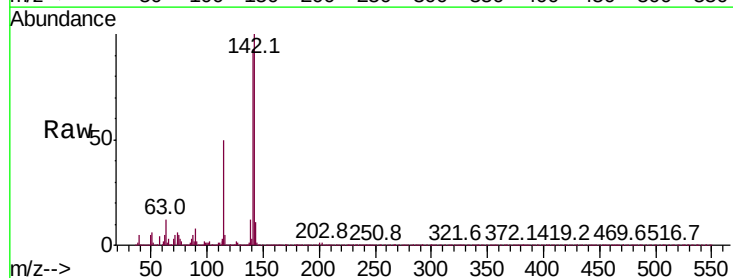
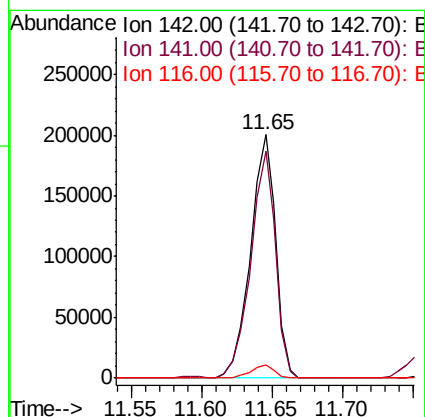
RT: 11.65 min Scan# 1625

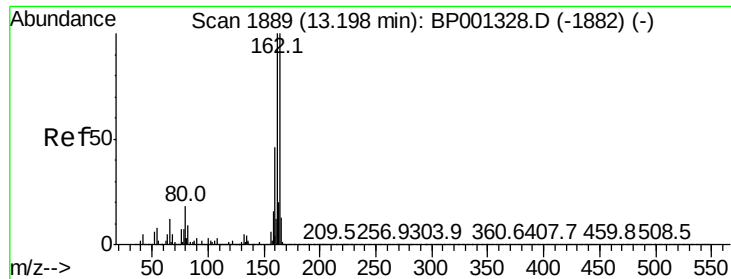
Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	93.0	72.9	109.3
116	5.5	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.19 min Scan# 1887

Delta R.T. 0.01 min

Lab File: BP001392.D

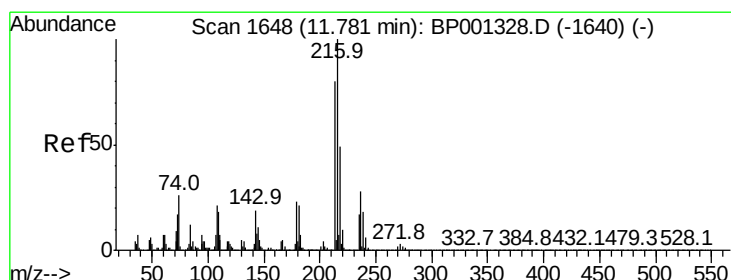
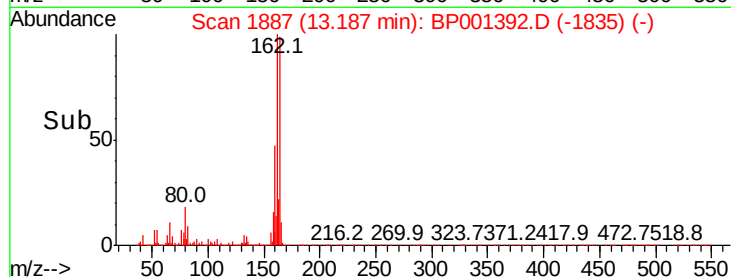
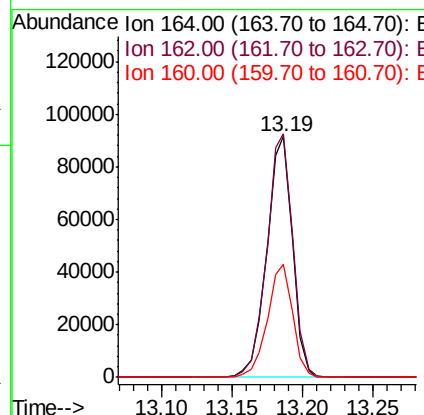
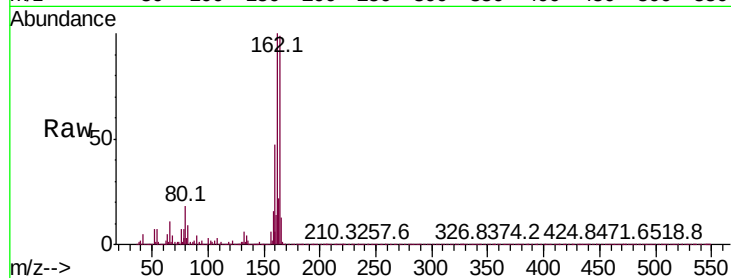
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.2	117.4
160	47.0	35.1	52.7

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.089 ng

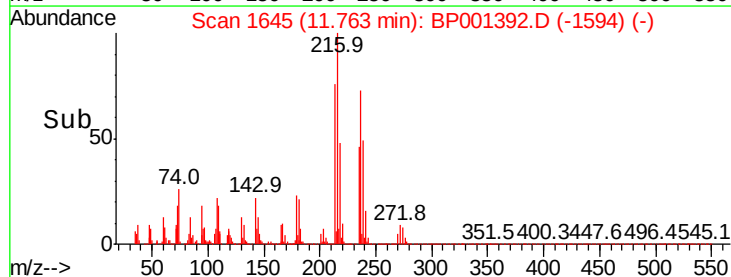
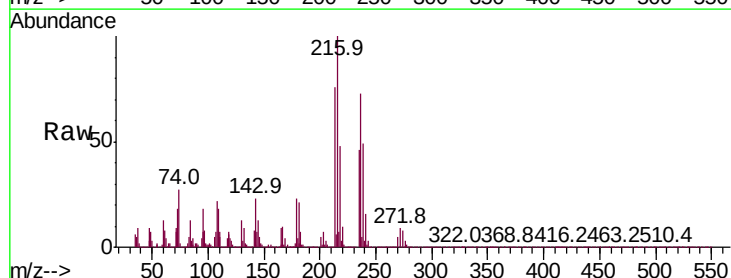
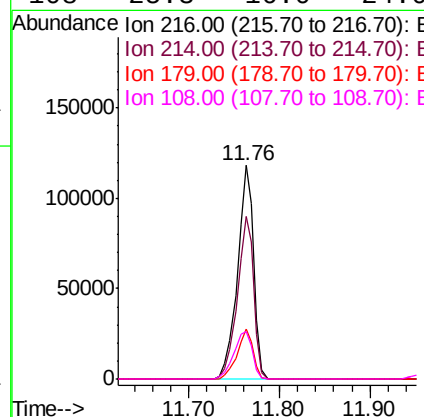
RT: 11.76 min Scan# 1645

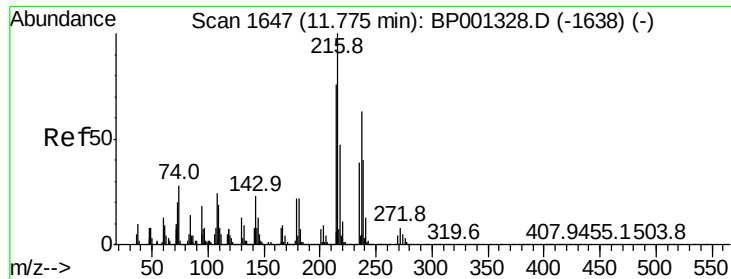
Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.1	93.1
179	23.0	17.1	25.7
108	25.3	16.0	24.0#





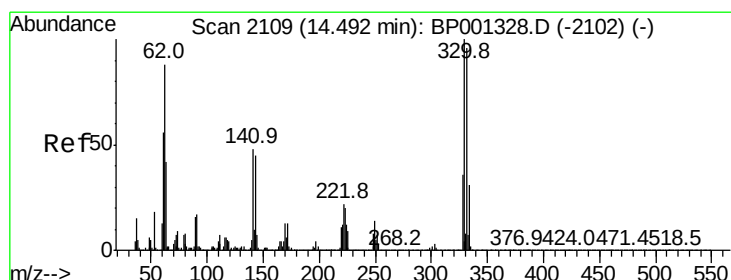
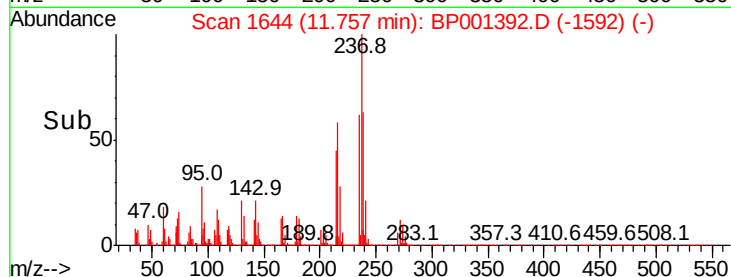
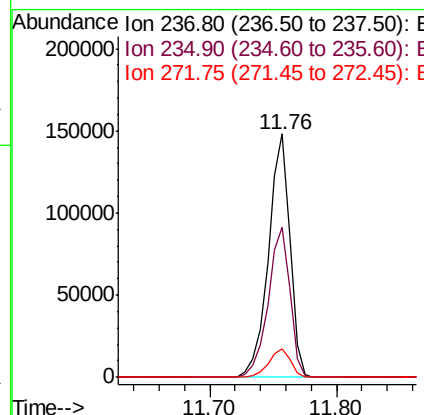
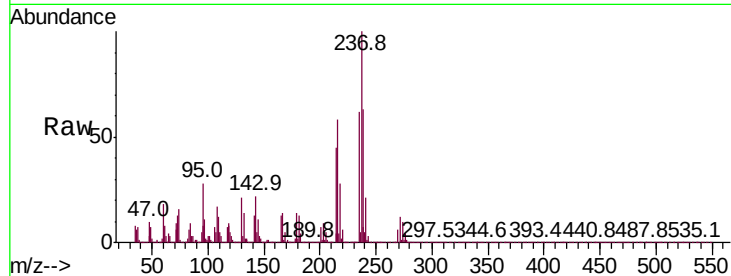
#41
Hexachlorocyclopentadiene
Concen: 81.439 ng
RT: 11.76 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	173771		
235	61.8	42.8	82.8	
272	11.7	0.0	33.0	

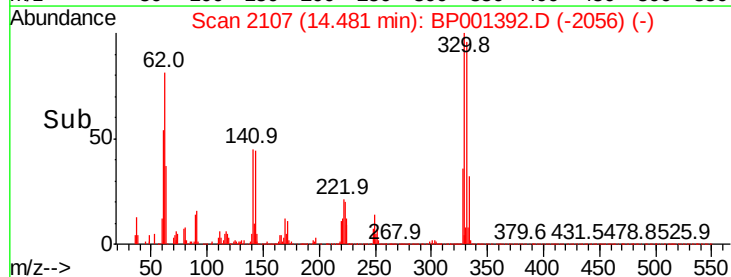
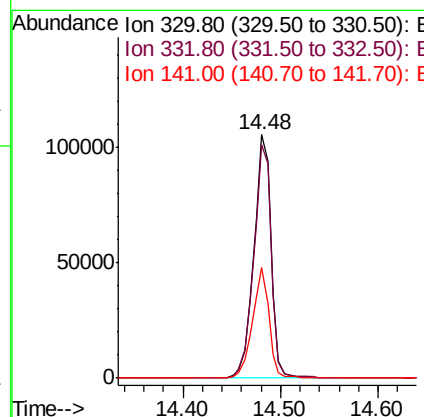
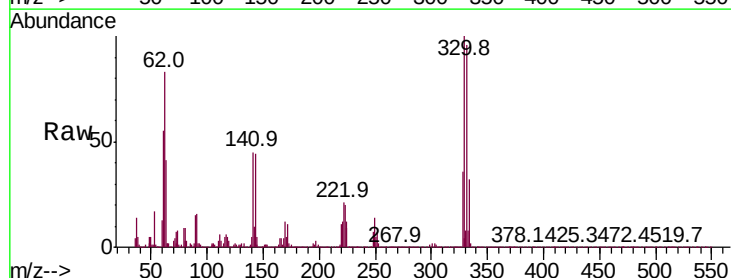
Manual Integrations
APPROVED

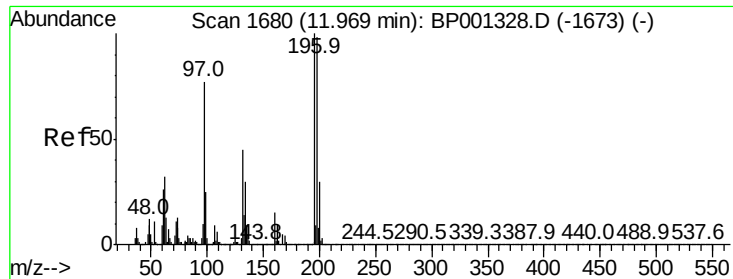
mohammad
12/26/2019 4:01:30 PM



#42
2,4,6-Tribromophenol
Concen: 89.591 ng
RT: 14.48 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	130690		
332	97.2	78.3	117.5	
141	43.3	26.8	40.2#	





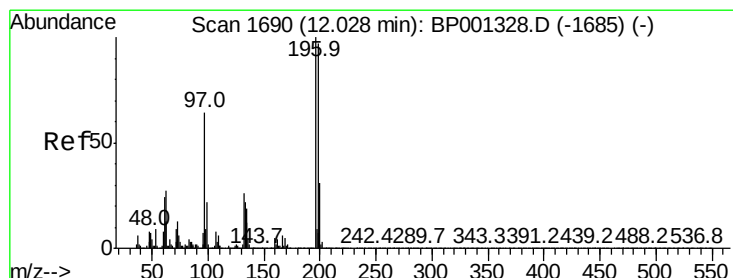
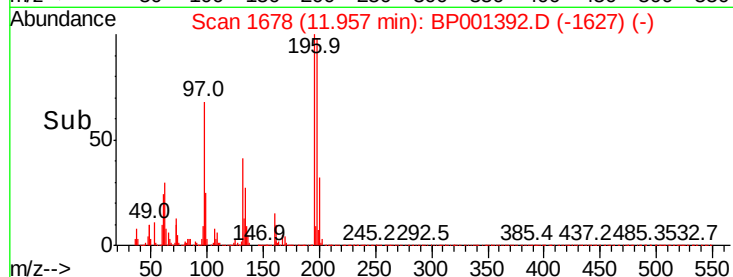
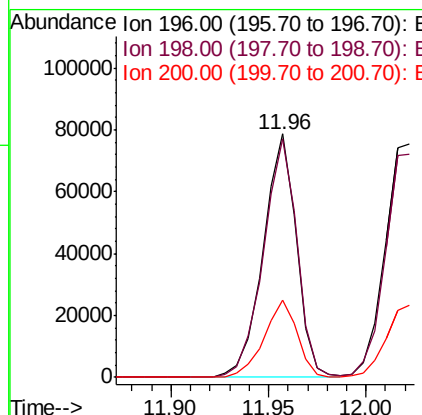
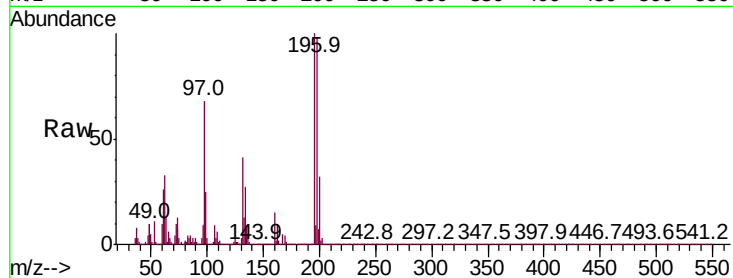
#43
2,4,6-Trichlorophenol
Concen: 35.068 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.7	77.2	115.8
200	31.6	25.9	38.9

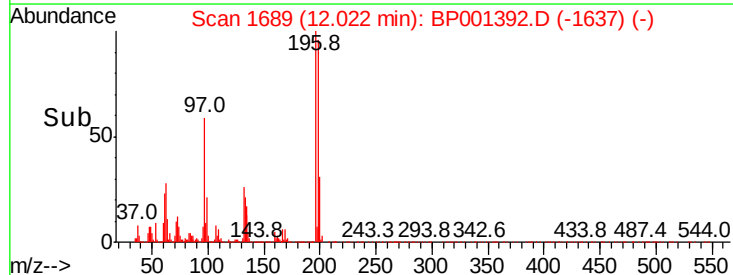
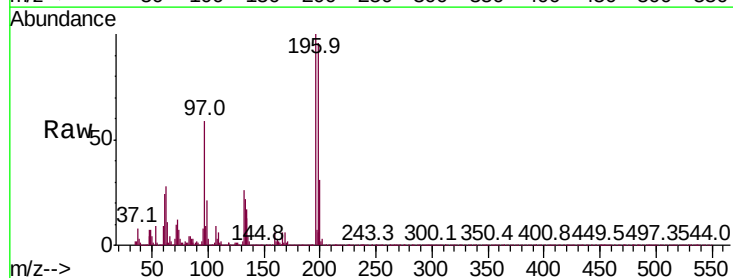
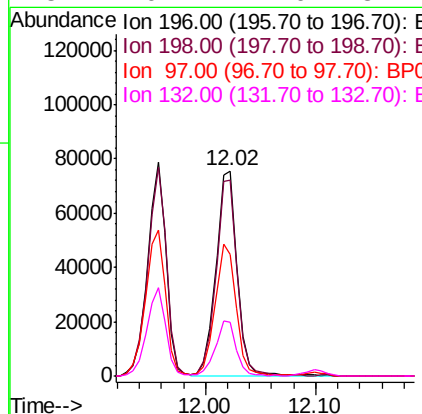
Manual Integrations
APPROVED

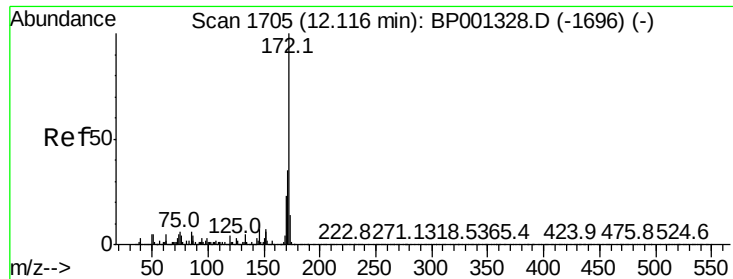
mohammad
12/26/2019 4:01:30 PM



#44
2,4,5-Trichlorophenol
Concen: 36.692 ng
RT: 12.02 min Scan# 1689
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.8	113.6
97	59.1	46.1	69.1
132	26.2	21.0	31.4





#45

2-Fluorobiphenyl

Concen: 58.546 ng

RT: 12.10 min Scan# 1703

Delta R.T. 0.01 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Instrument :

BNA_P

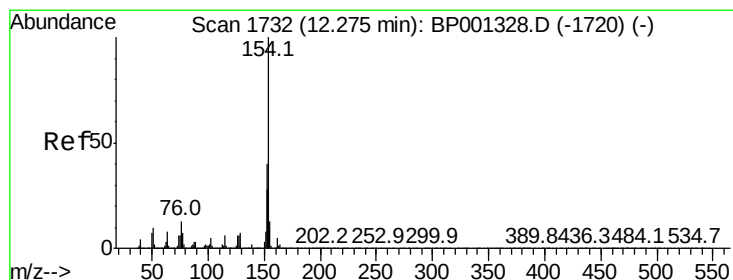
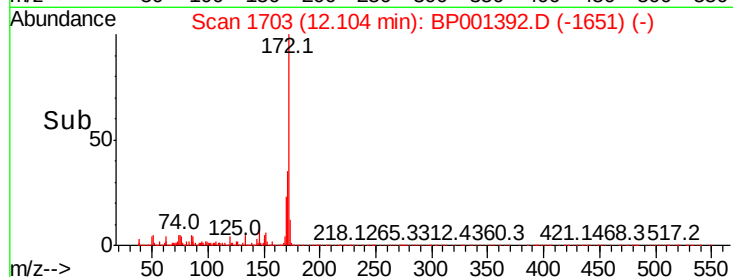
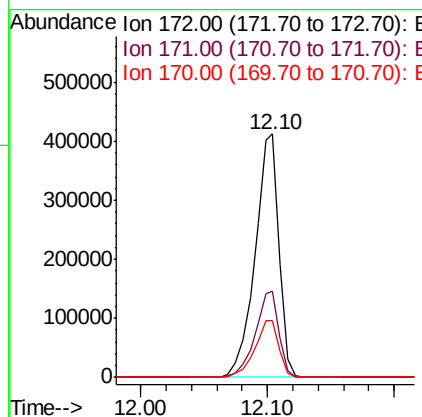
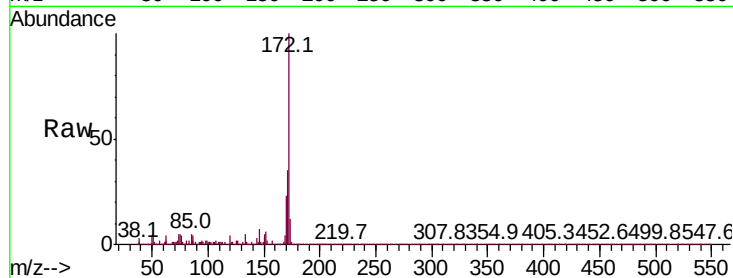
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	172	Resp:	540220
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.4	41.0
170	23.1	18.2	27.4

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#46

1,1'-Biphenyl

Concen: 34.536 ng

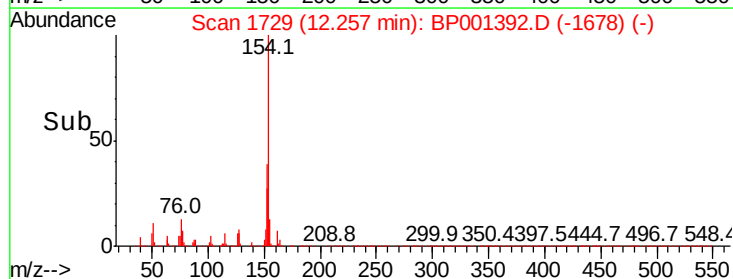
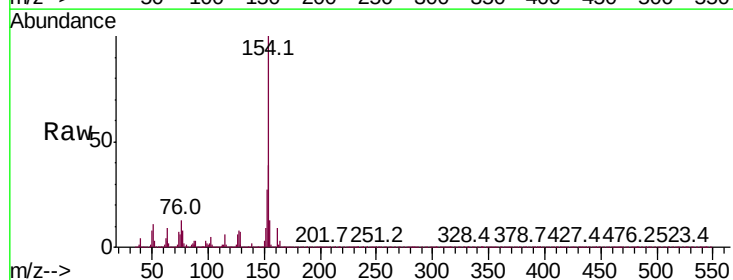
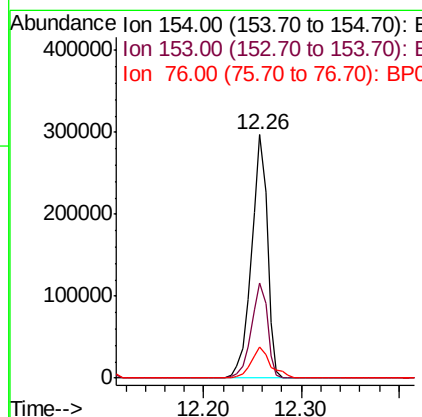
RT: 12.26 min Scan# 1729

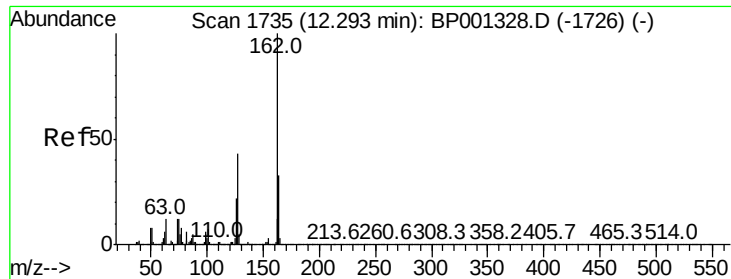
Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion:	154	Resp:	337213
Ion Ratio	Lower	Upper	
154	100		
153	38.9	19.5	59.5
76	12.7	0.0	31.5





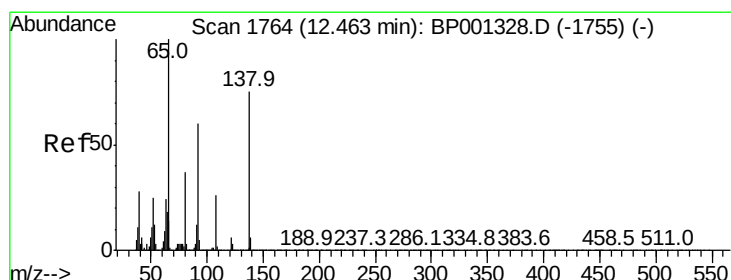
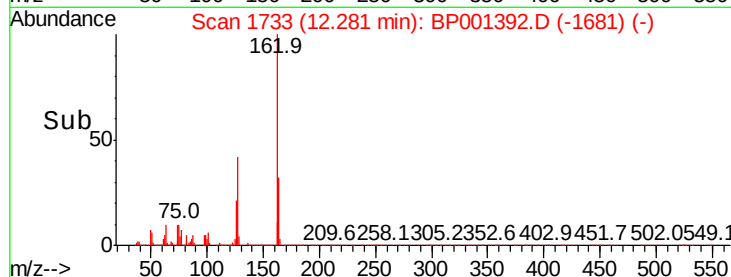
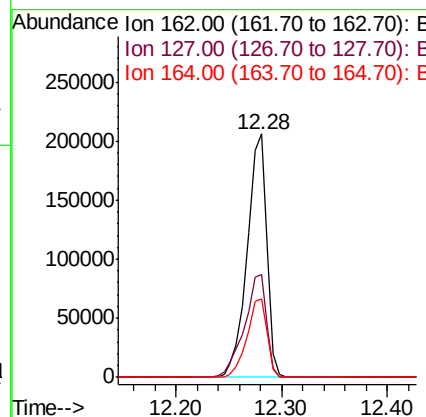
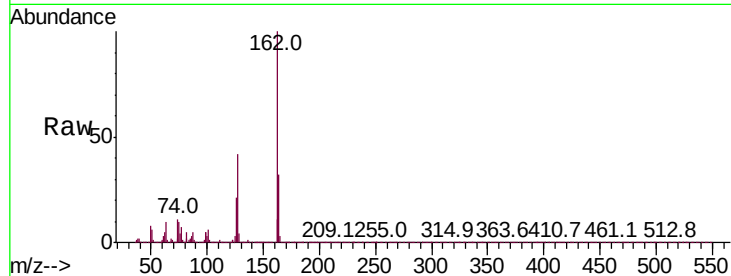
#47
2-Chloronaphthalene
Concen: 33.289 ng
RT: 12.28 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.4	50.2
164	32.4	26.0	39.0

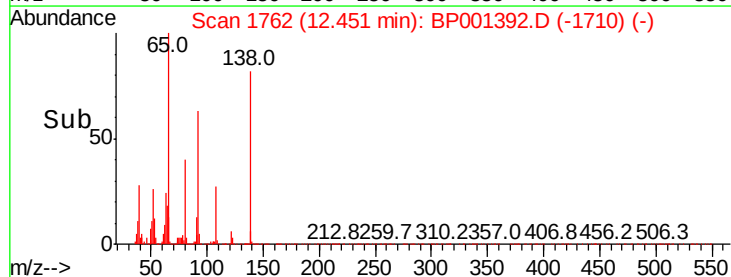
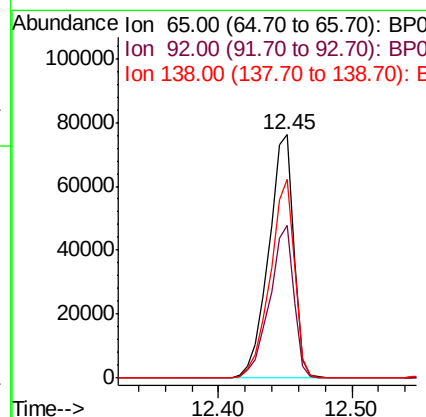
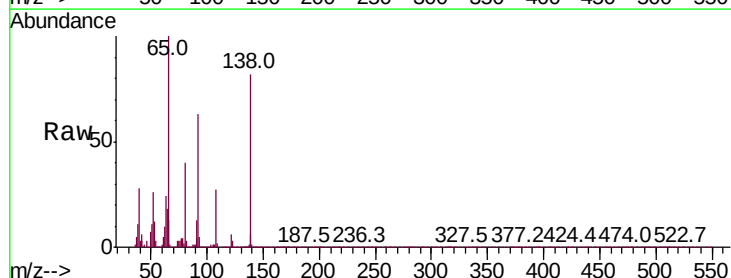
Manual Integrations
APPROVED

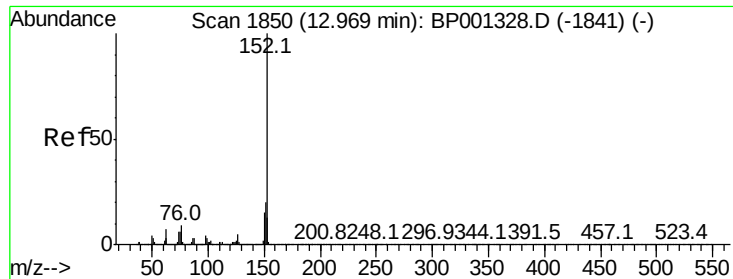
mohammad
12/26/2019 4:01:30 PM



#48
2-Nitroaniline
Concen: 31.445 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.7	48.9	73.3
138	81.9	65.1	97.7





#49

Acenaphthylene

Concen: 35.206 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Instrument :

BNA_P

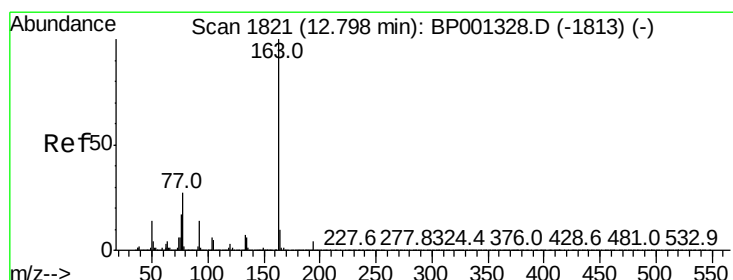
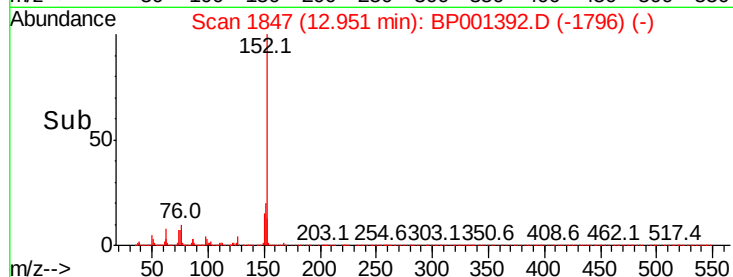
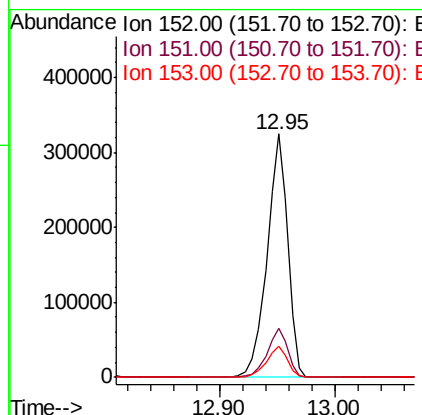
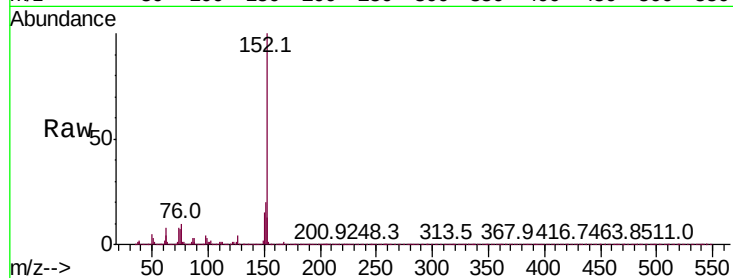
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.6	23.4
153	13.0	10.3	15.5

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#50

Dimethylphthalate

Concen: 36.506 ng

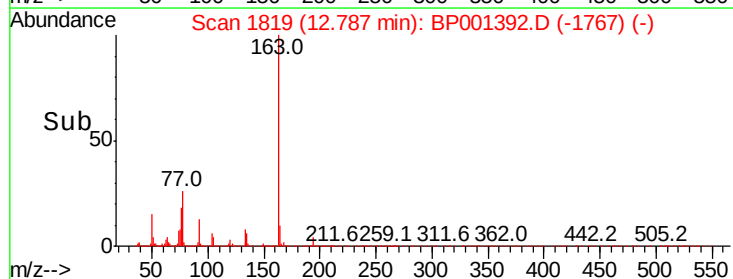
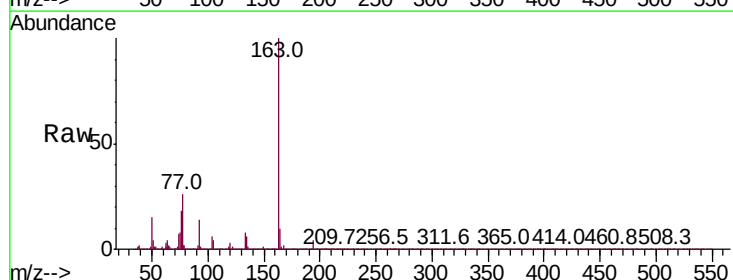
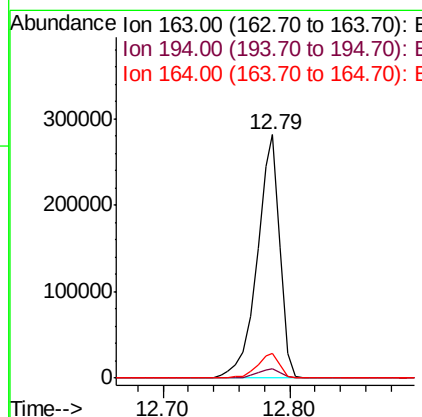
RT: 12.79 min Scan# 1819

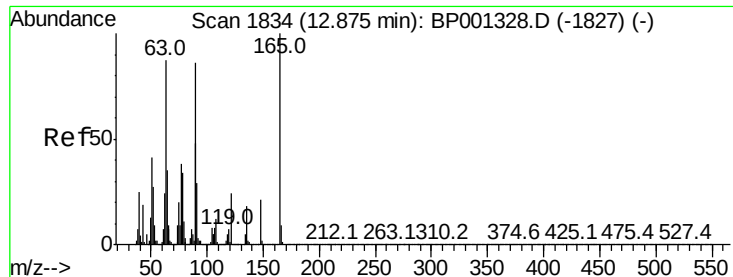
Delta R.T. 0.01 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	7.7	11.5





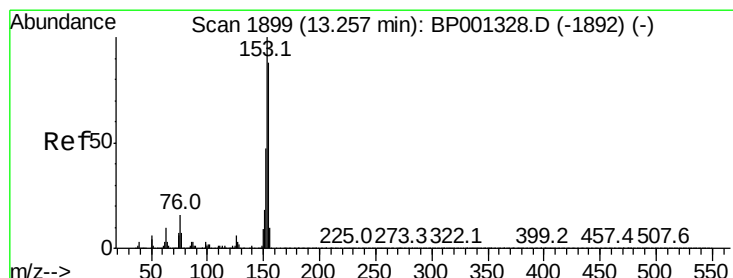
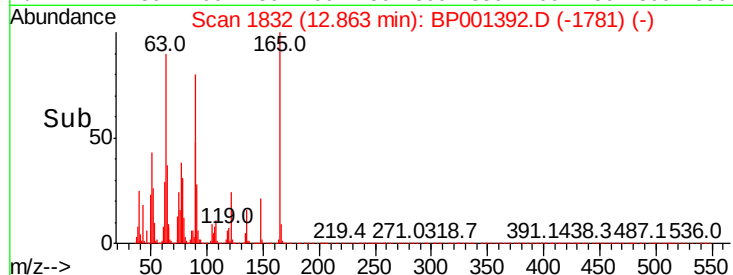
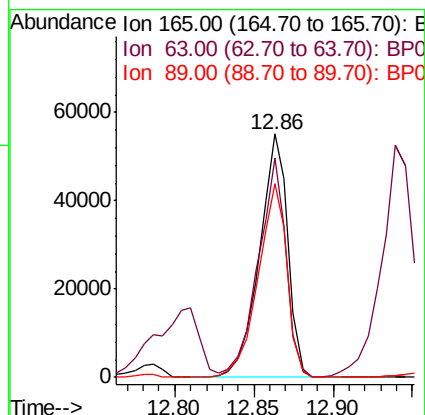
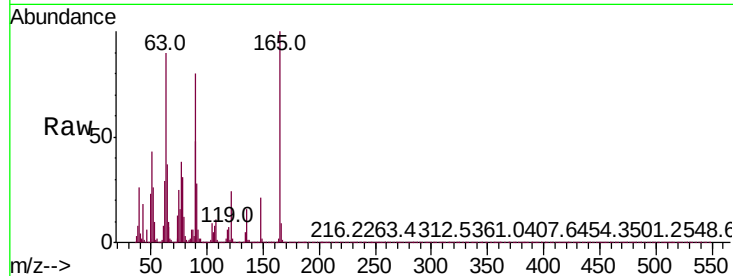
#51
2,6-Dinitrotoluene
Concen: 35.340 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	90.2	60.7	91.1
89	79.6	55.4	83.0

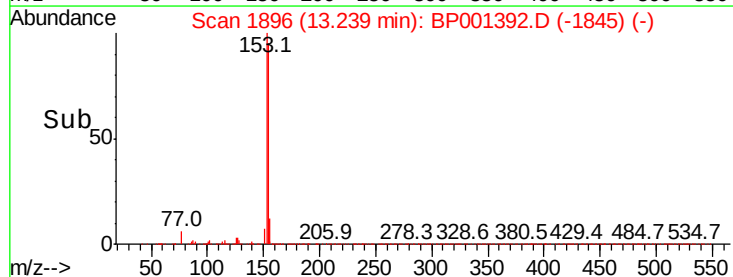
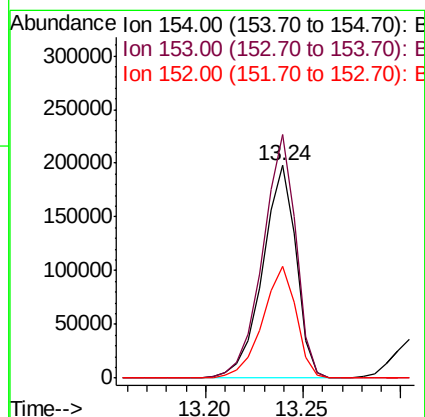
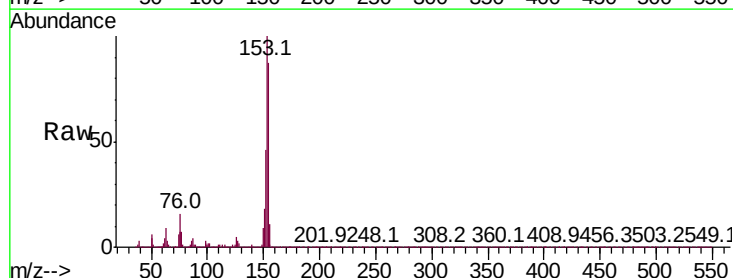
Manual Integrations
APPROVED

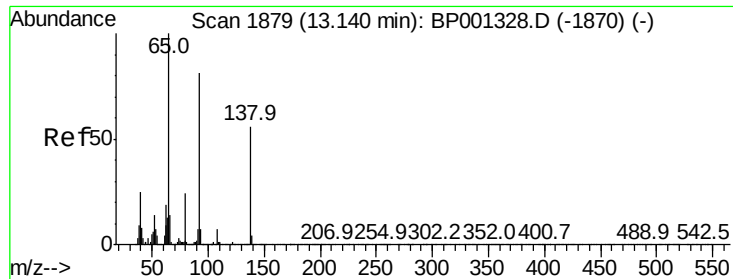
mohammad
12/26/2019 4:01:30 PM



#52
Acenaphthene
Concen: 33.971 ng
RT: 13.24 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.5	90.1	135.1
152	52.7	41.8	62.6





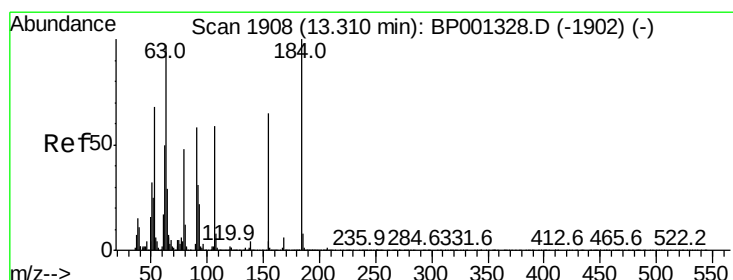
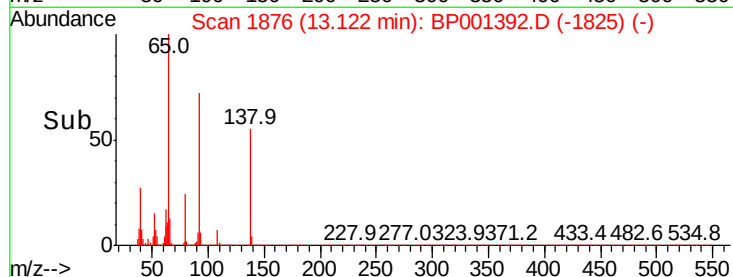
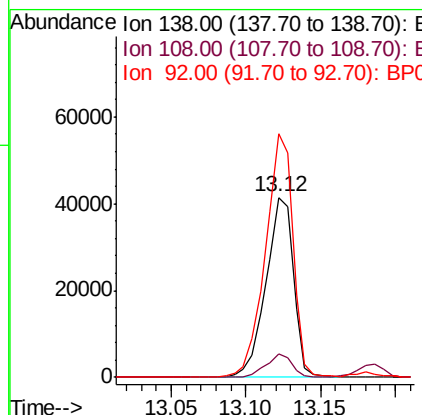
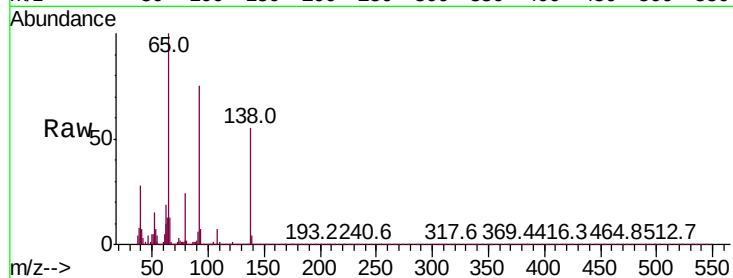
#53
3-Nitroaniline
Concen: 25.291 ng
RT: 13.12 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion:138 Resp: 52760
Ion Ratio Lower Upper
138 100
108 12.8 10.0 15.0
92 135.2 108.8 163.2

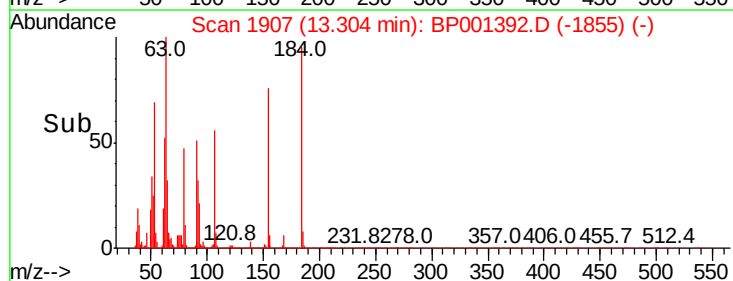
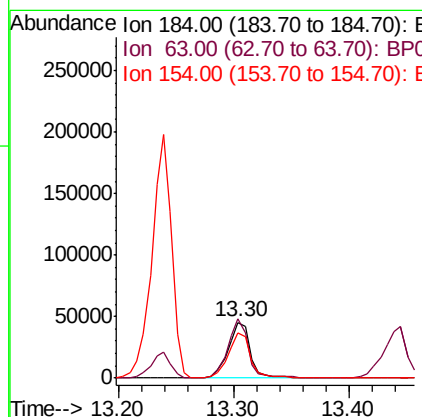
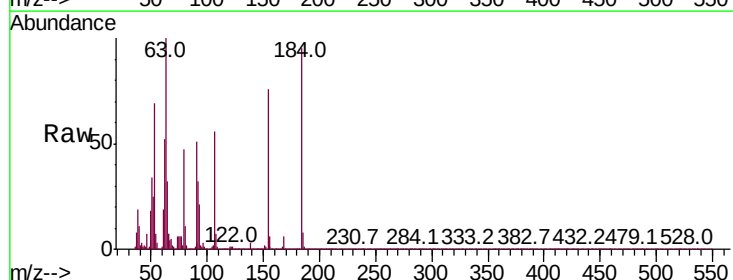
Manual Integrations
APPROVED

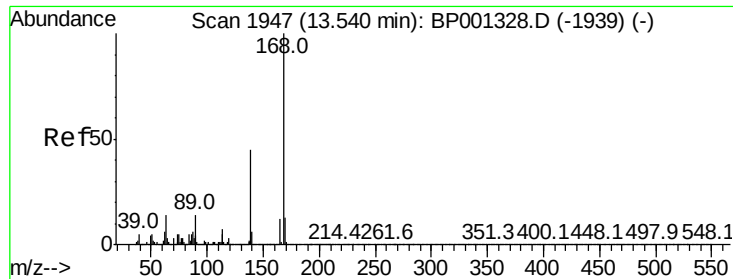
mohammad
12/26/2019 4:01:30 PM



#54
2,4-Dinitrophenol
Concen: 79.460 ng
RT: 13.30 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion:184 Resp: 59636
Ion Ratio Lower Upper
184 100
63 105.6 69.5 104.3#
154 80.0 58.5 87.7





#55

Dibenzofuran

Concen: 34.903 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Instrument :

BNA_P

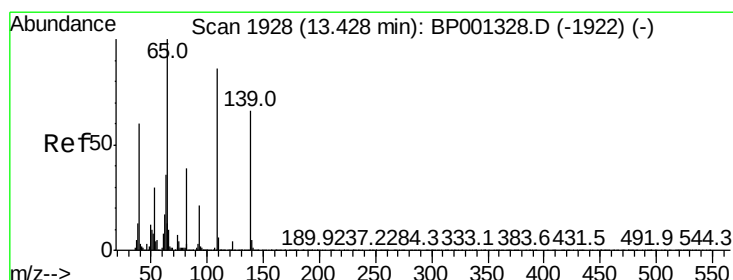
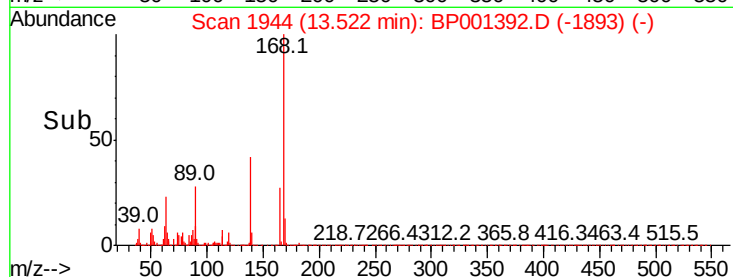
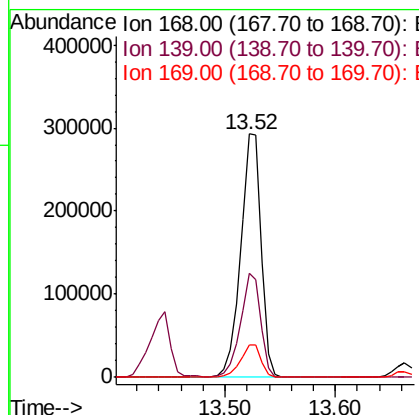
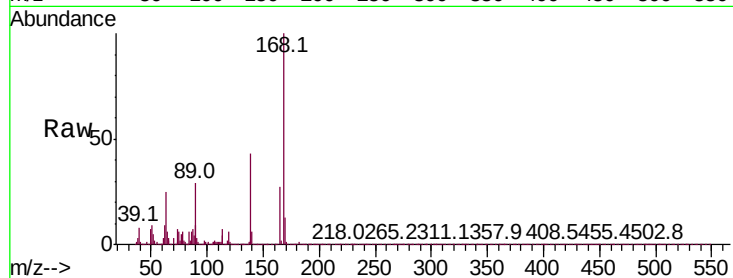
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.6	33.0	49.4	
169	13.3	10.6	16.0	

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#56

4-Nitrophenol

Concen: 69.728 ng

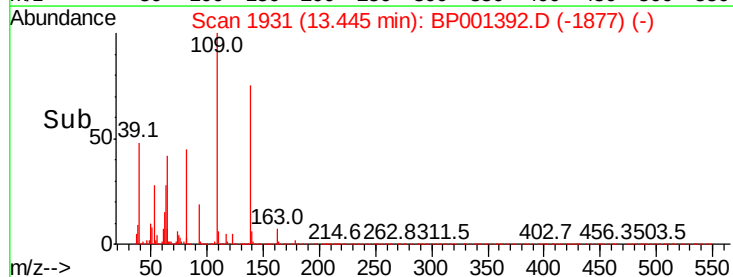
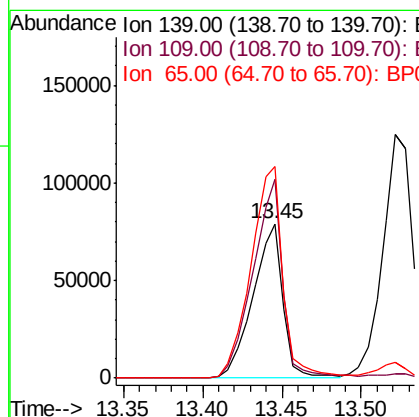
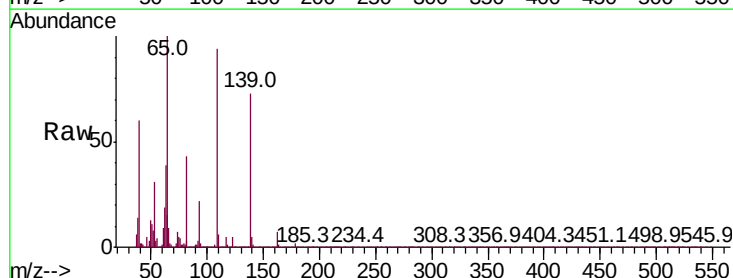
RT: 13.45 min Scan# 1931

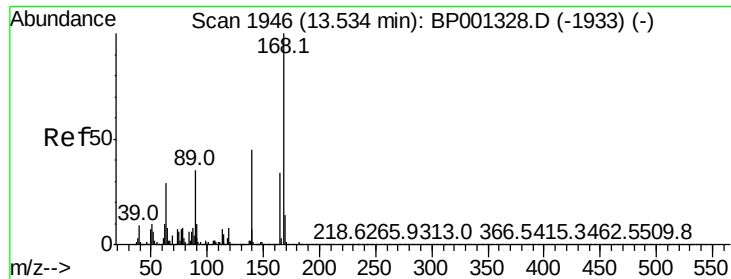
Delta R.T. 0.02 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	128.8	99.7	139.7	
65	137.2	115.0	155.0	





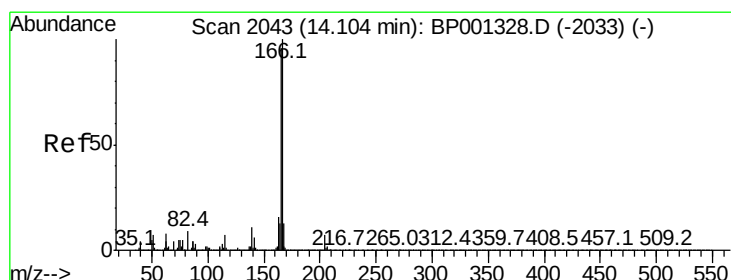
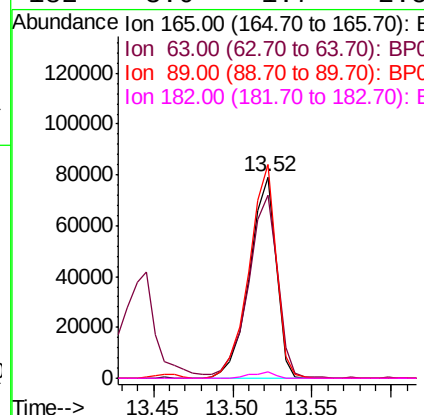
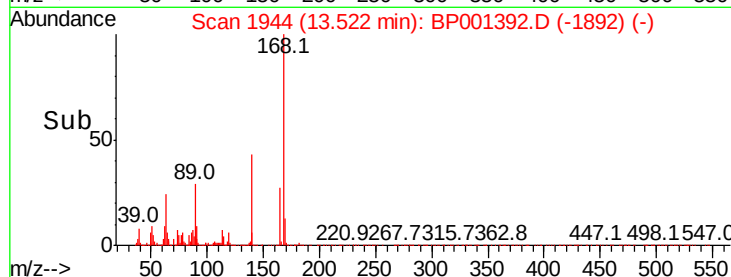
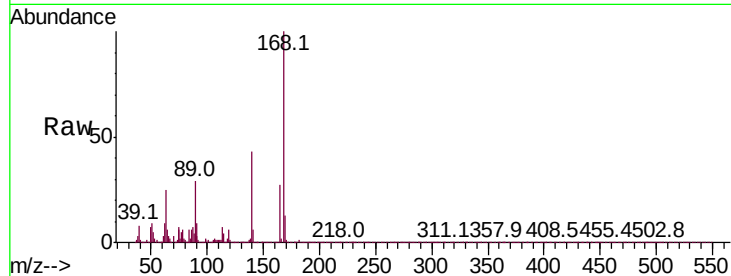
#57
2,4-Dinitrotoluene
Concen: 34.365 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	91.1	66.6	100.0
89	106.0	79.5	119.3
182	3.0	1.7	2.5#

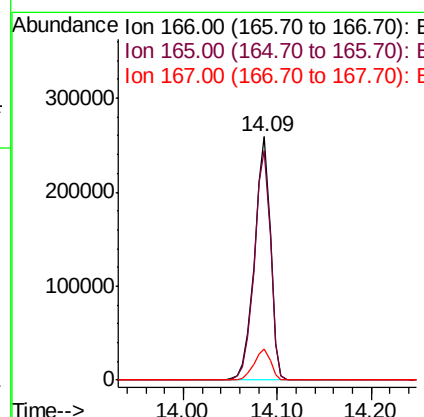
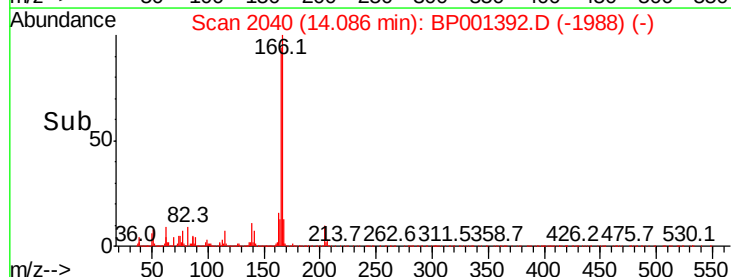
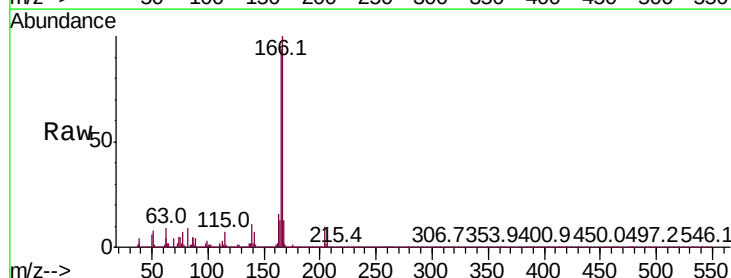
Manual Integrations
APPROVED

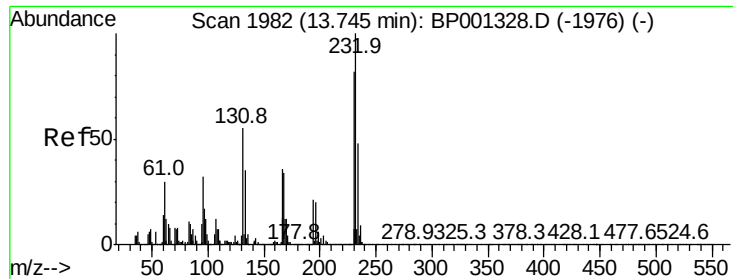
mohammad
12/26/2019 4:01:30 PM



#58
Fluorene
Concen: 34.847 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.4	76.6	114.8
167	12.7	11.0	16.4





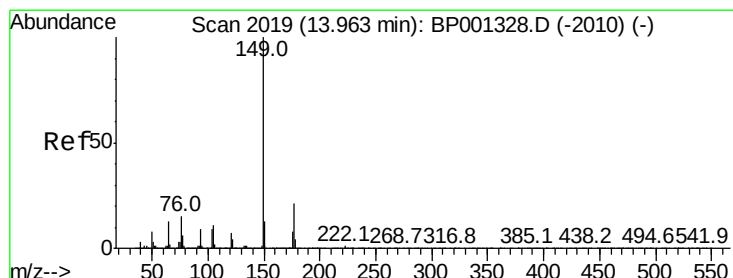
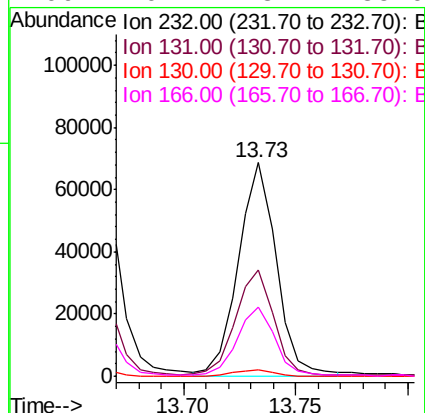
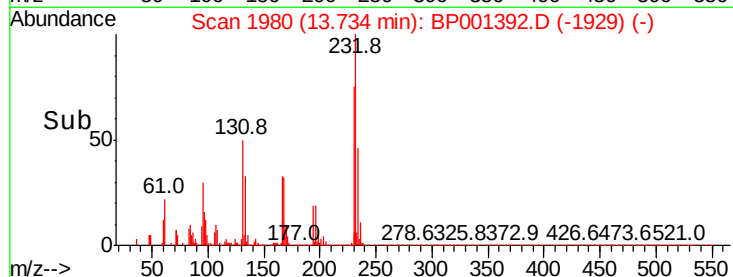
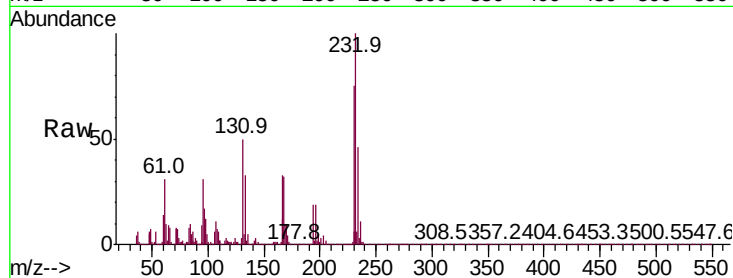
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.961 ng/ml
RT: 13.73 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	34.2	51.4
130	2.8	2.1	3.1
166	26.1	23.4	35.0

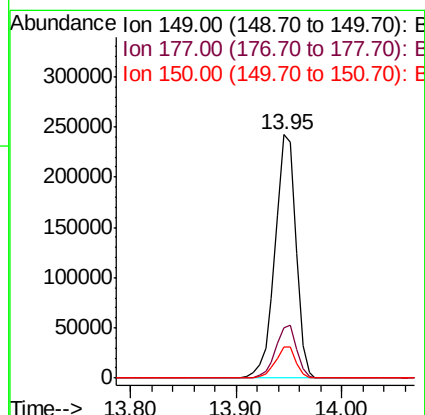
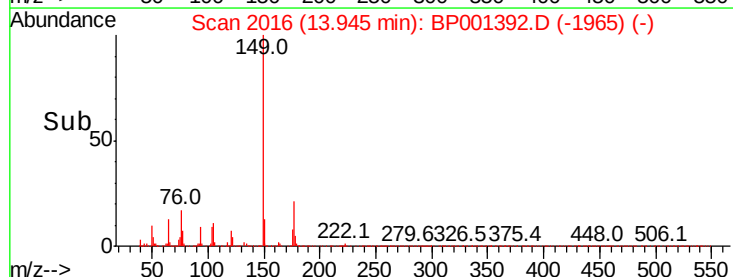
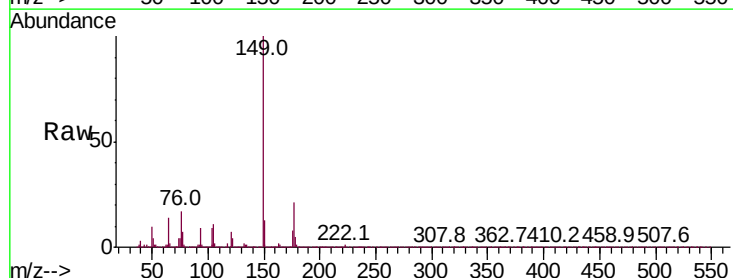
Manual Integrations
APPROVED

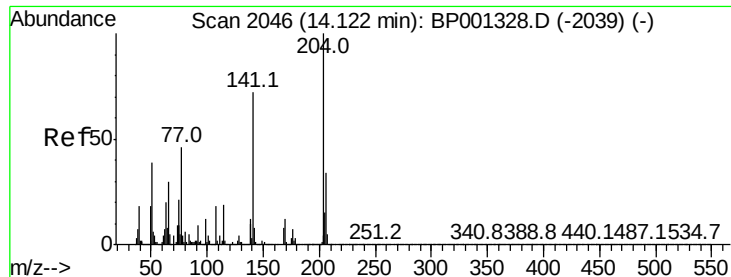
mohammad
12/26/2019 4:01:30 PM



#60
Diethylphthalate
Concen: 33.286 ng/ml
RT: 13.95 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.8	26.6
150	12.6	9.7	14.5





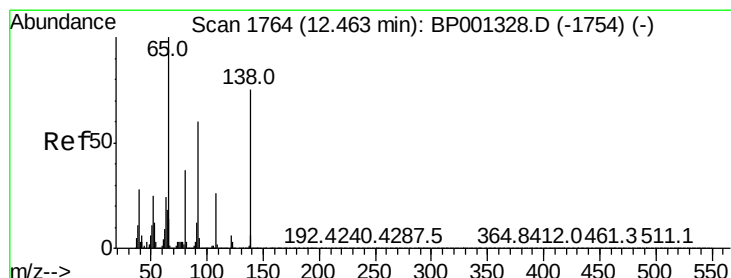
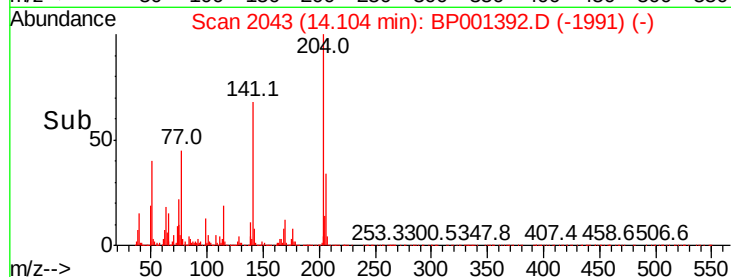
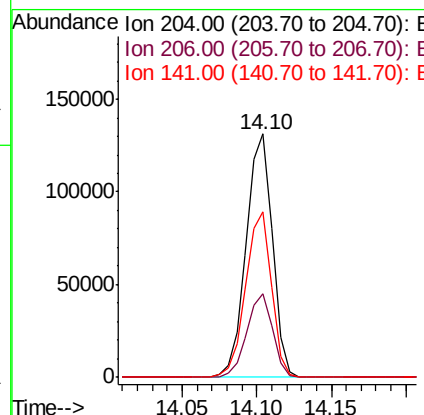
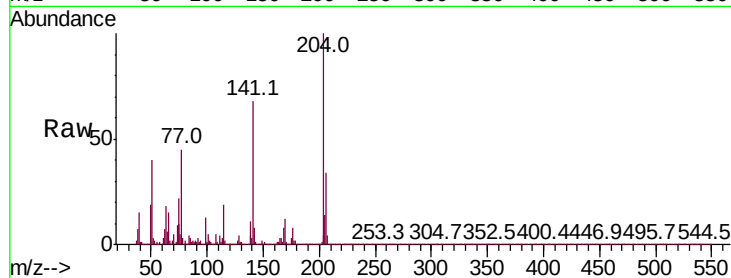
#61
4-Chlorophenyl-phenylether
Concen: 34.910 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	25.8	38.8
141	68.1	50.6	75.8

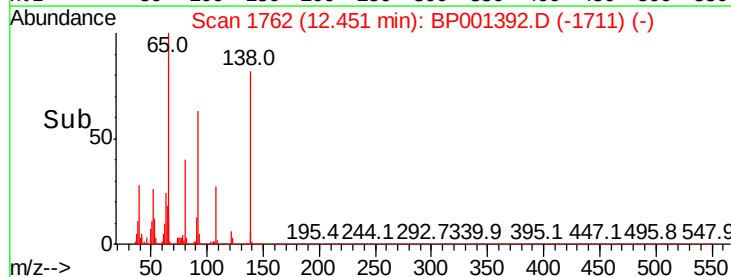
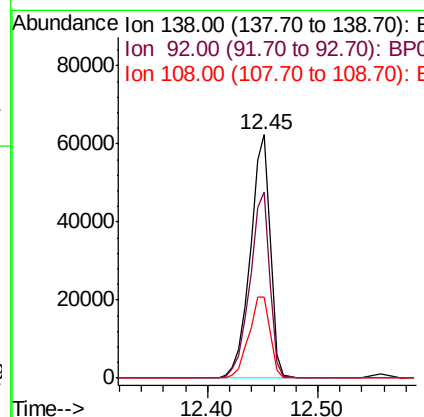
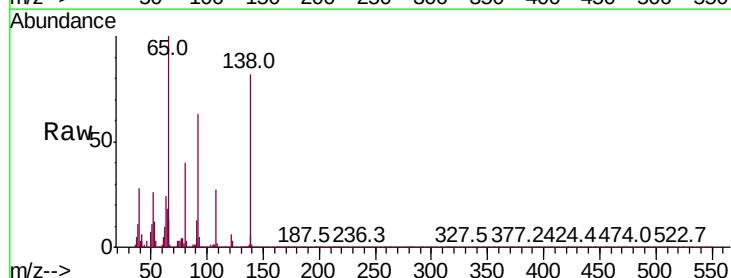
Manual Integrations
APPROVED

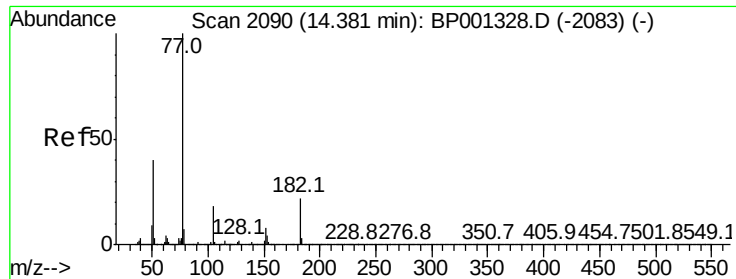
mohammad
12/26/2019 4:01:30 PM



#62
4-Nitroaniline
Concen: 32.712 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	76.6	45.4	85.4
108	33.5	11.4	51.4





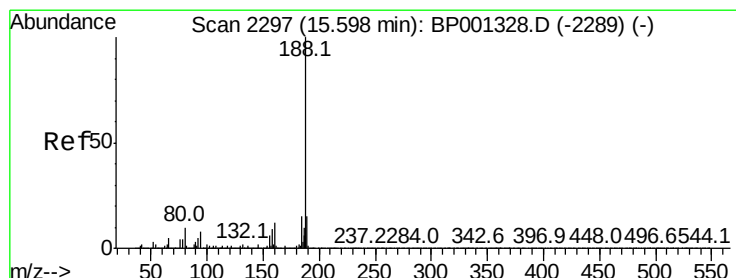
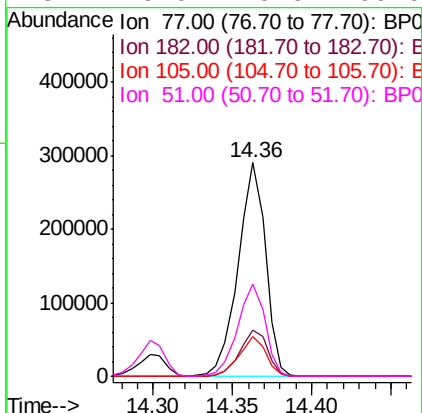
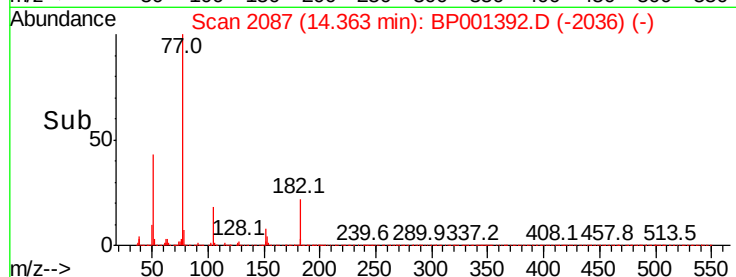
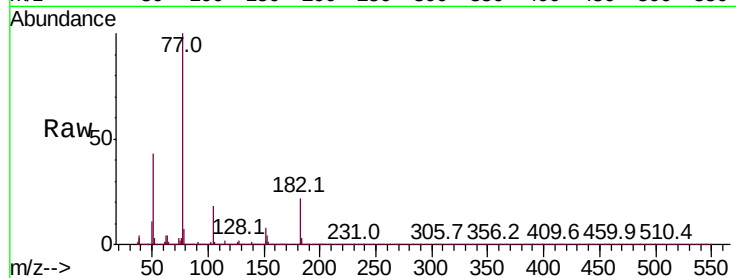
#63
Azobenzene
Concen: 33.436 ng
RT: 14.36 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.6	5.8	45.8
105	18.4	0.0	38.8
51	43.0	20.0	60.0

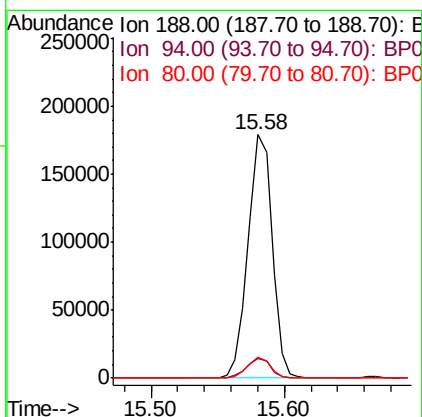
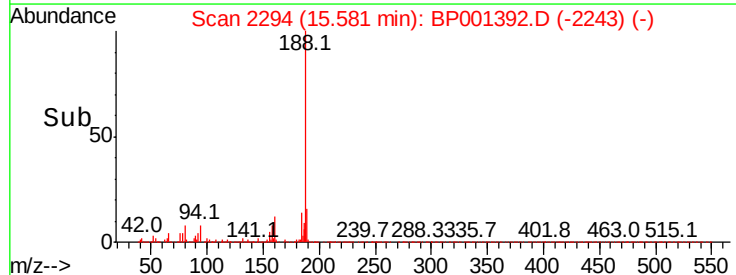
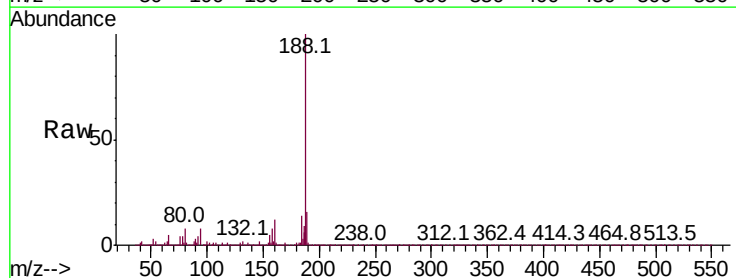
Manual Integrations
APPROVED

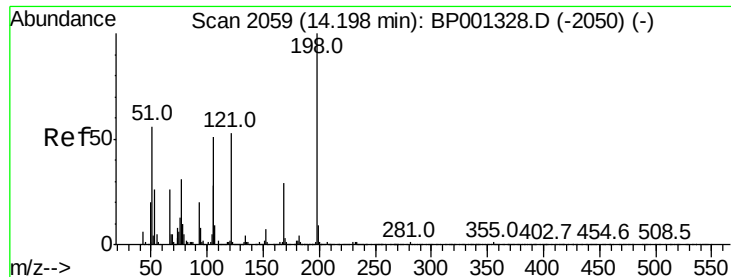
mohammad
12/26/2019 4:01:30 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.8	8.8
80	8.4	5.7	8.5





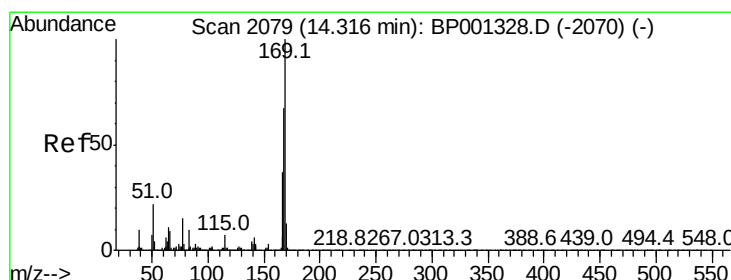
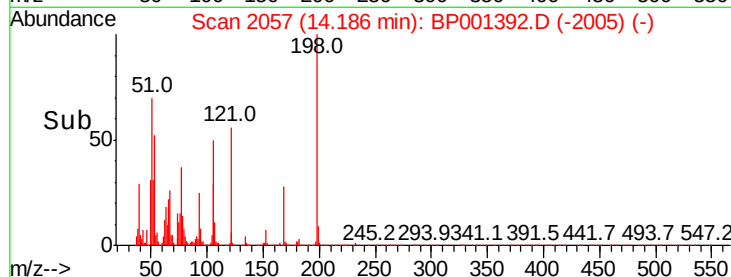
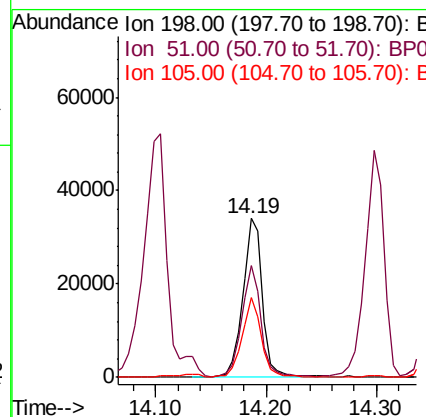
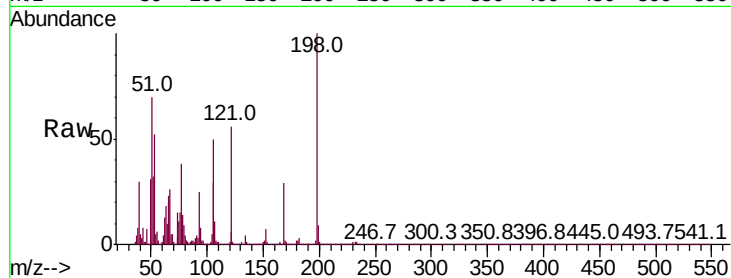
#65
4,6-Dinitro-2-methylphenol
Concen: 42.468 ng
RT: 14.19 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	70.4	42.2	82.2
105	50.4	21.5	61.5

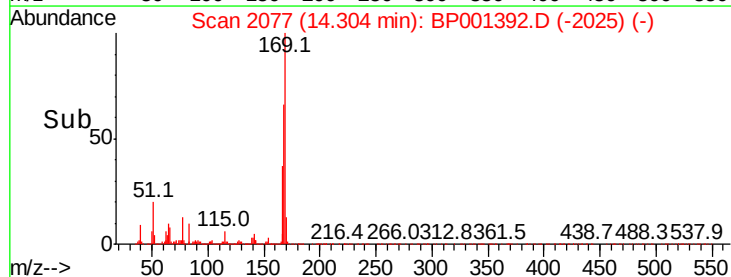
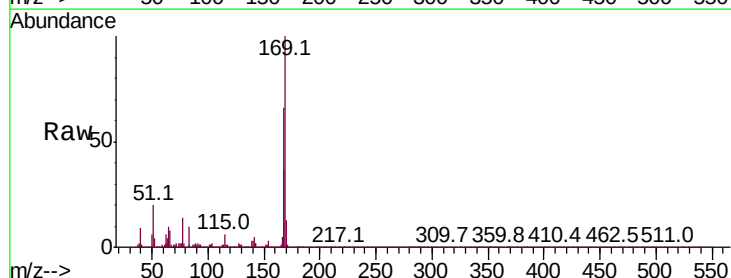
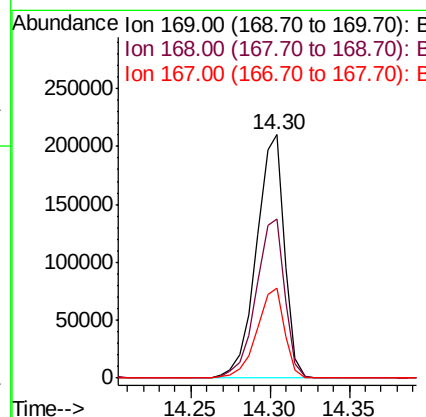
Manual Integrations
APPROVED

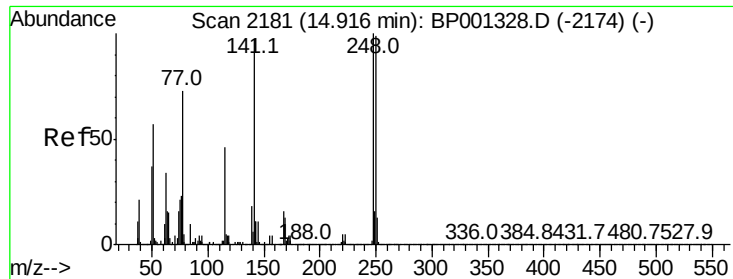
mohammad
12/26/2019 4:01:30 PM



#66
n-Nitrosodiphenylamine
Concen: 36.594 ng
RT: 14.30 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	54.2	81.2
167	36.9	29.3	43.9





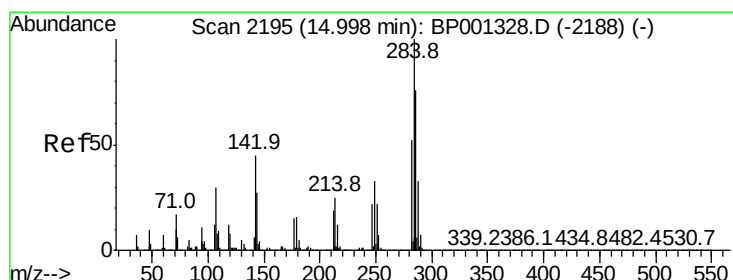
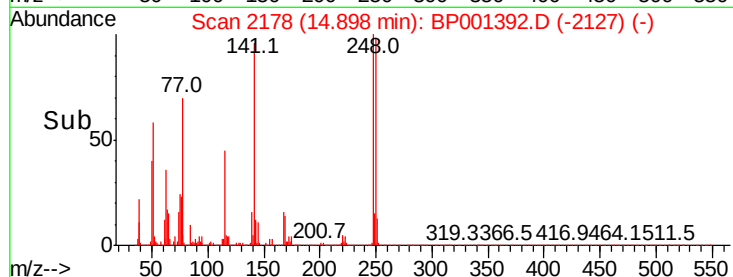
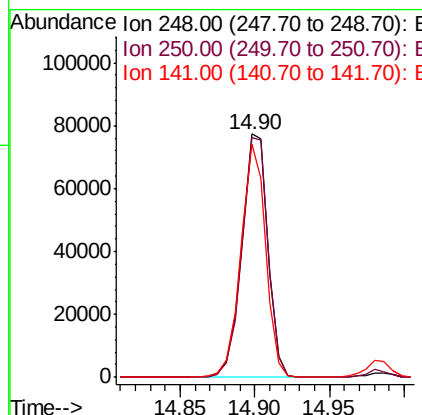
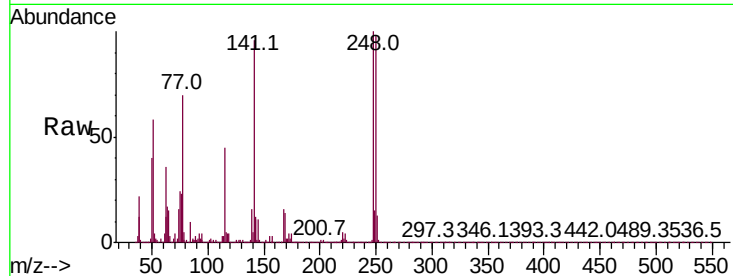
#67
4-Bromophenyl-phenylether
Concen: 35.521 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.2	114.4
141	96.1	60.7	91.1#

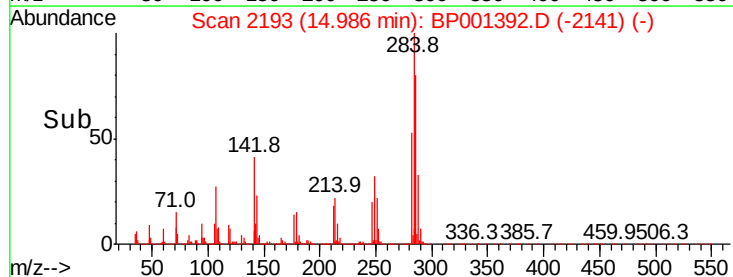
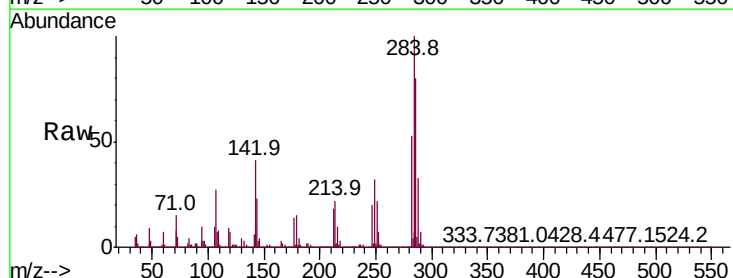
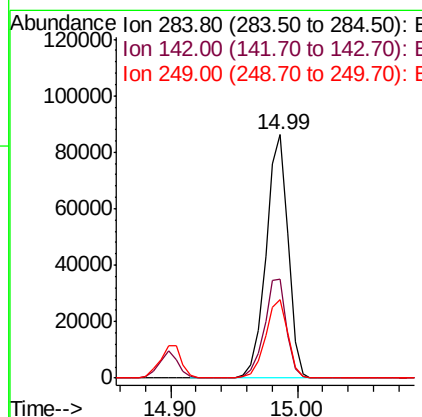
Manual Integrations
APPROVED

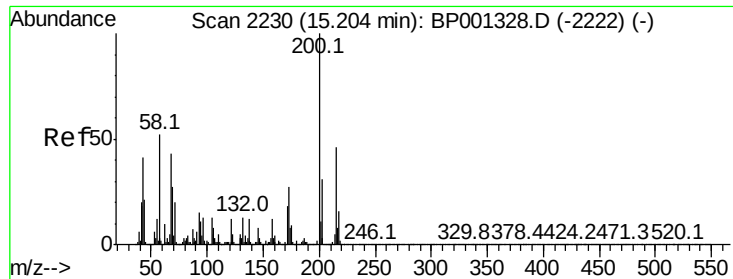
mohammad
12/26/2019 4:01:30 PM



#68
Hexachlorobenzene
Concen: 34.719 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.6	28.7	43.1
249	32.4	27.0	40.4





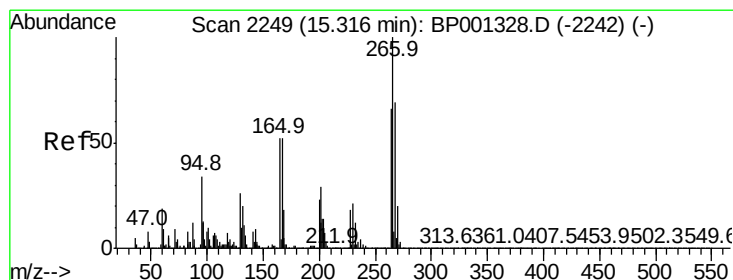
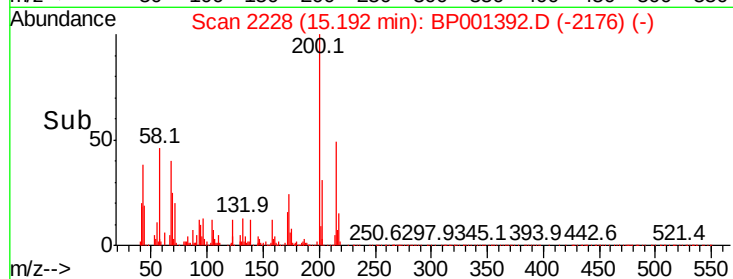
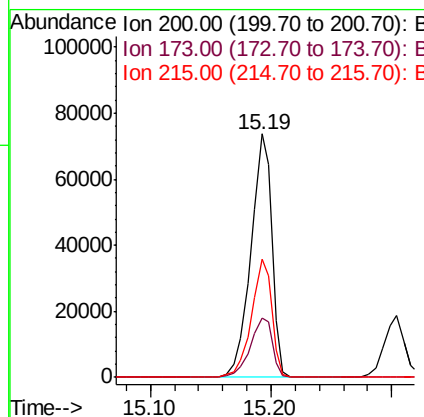
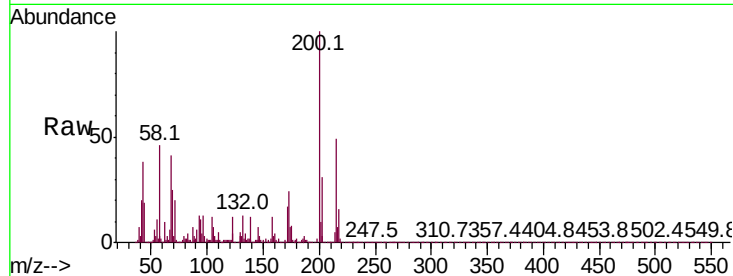
#69
Atrazine
Concen: 35.321 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.5	3.9	43.9	
215	48.6	26.1	66.1	

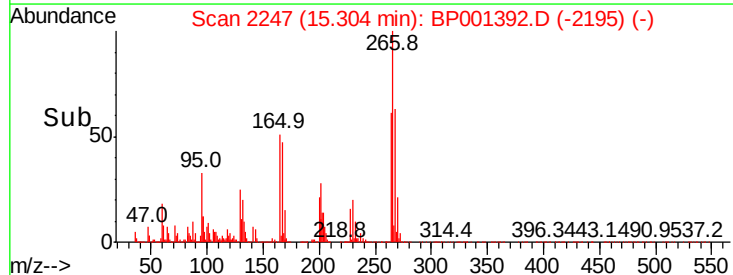
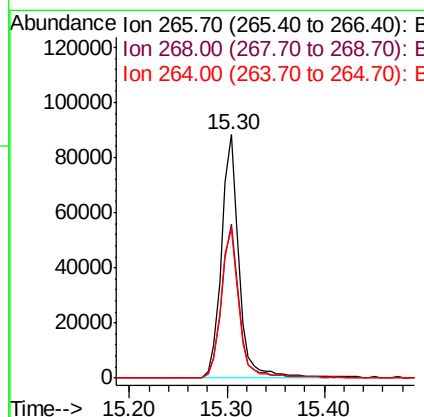
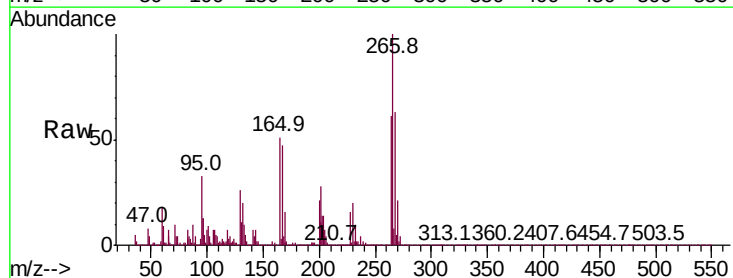
Manual Integrations
APPROVED

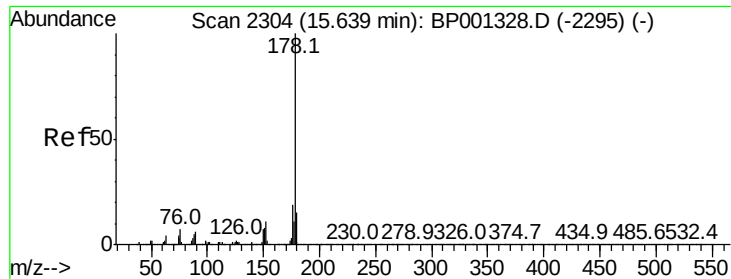
mohammad
12/26/2019 4:01:30 PM



#70
Pentachlorophenol
Concen: 72.223 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.1	57.0	85.4	
264	61.3	50.8	76.2	





#71

Phenanthrene

Concen: 34.341 ng

RT: 15.62 min Scan# 2301

Delta R.T. 0.01 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Instrument :

BNA_P

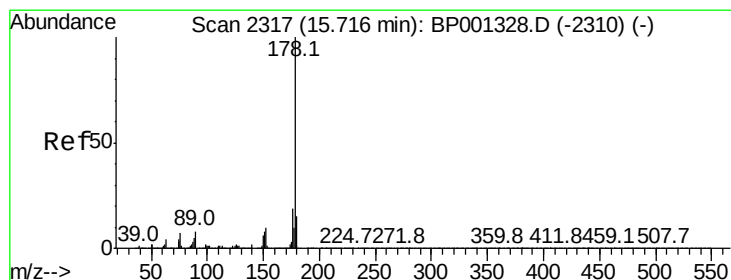
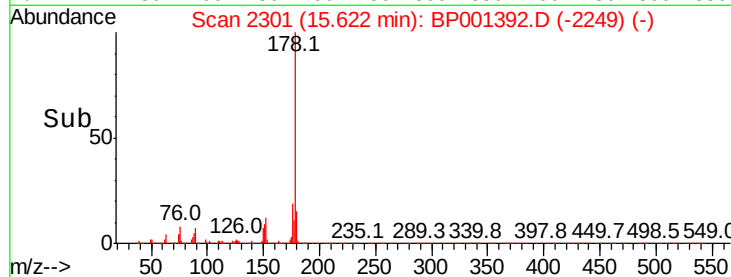
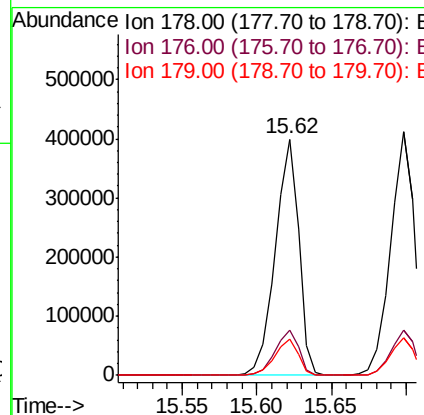
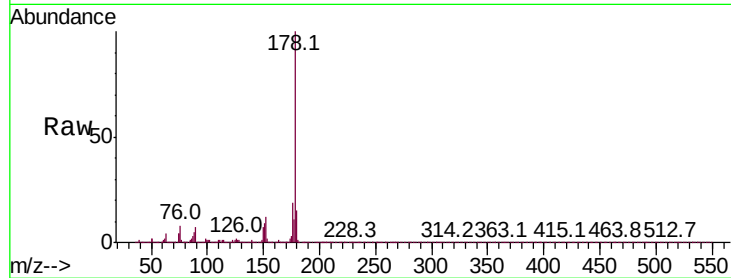
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	178	Resp:	436301
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.4	23.0
179	15.4	12.2	18.2

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#72

Anthracene

Concen: 35.715 ng

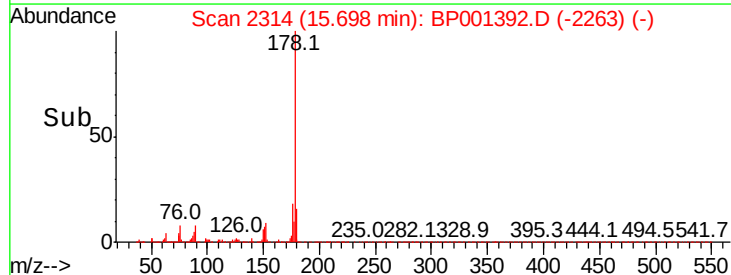
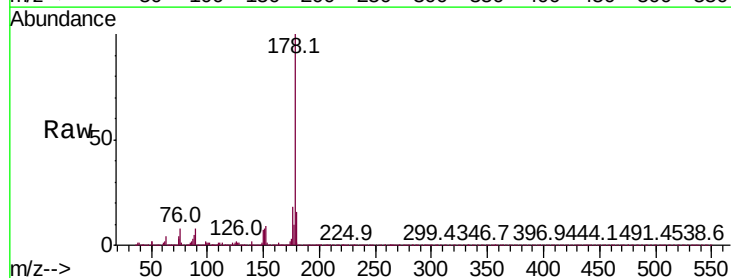
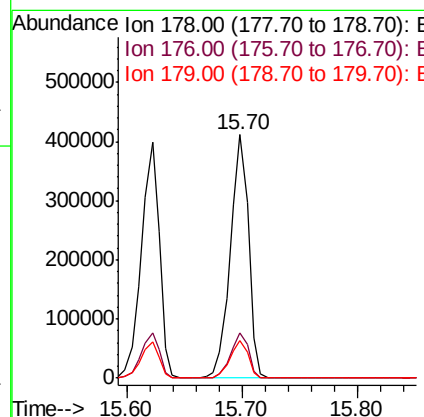
RT: 15.70 min Scan# 2314

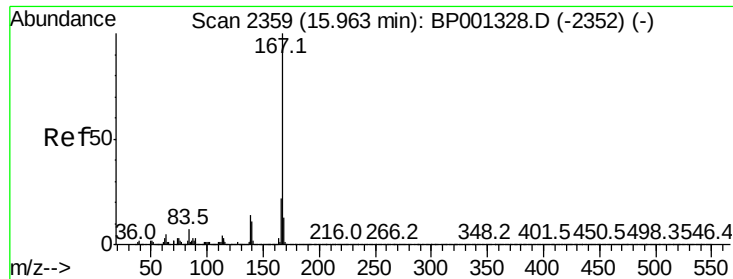
Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion:	178	Resp:	449193
Ion Ratio	Lower	Upper	
178	100		
176	18.4	14.5	21.7
179	15.6	11.8	17.8





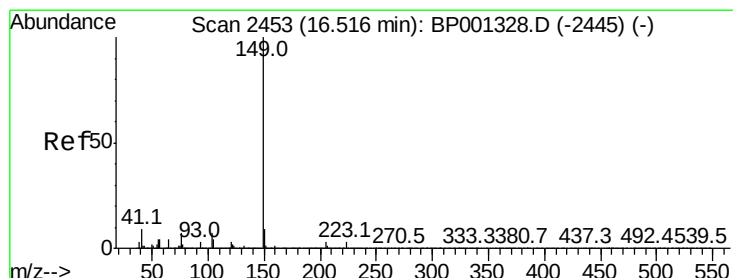
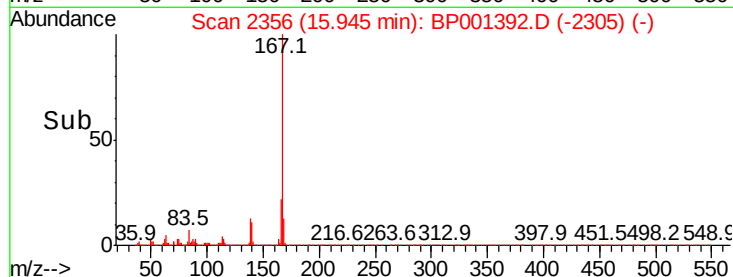
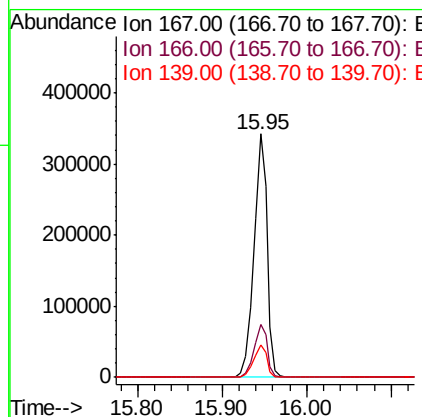
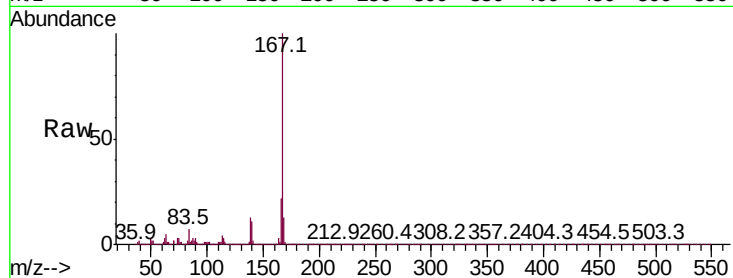
#73
 Carbazole
 Concen: 33.291 ng
 RT: 15.95 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BP001392.D
 Acq: 24 Dec 2019 18:05

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	13.5	10.9	16.3

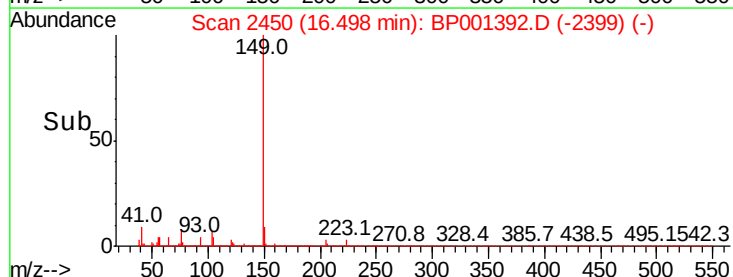
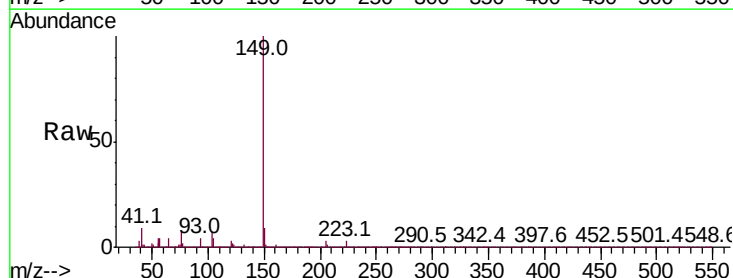
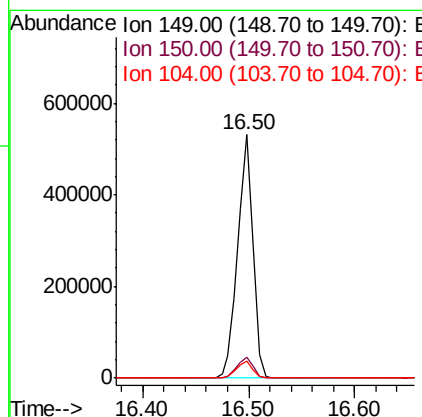
Manual Integrations
 APPROVED

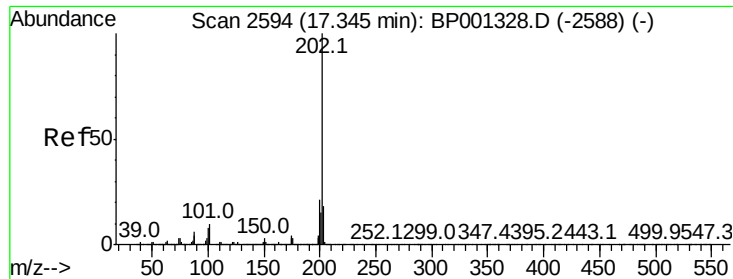
mohammad
 12/26/2019 4:01:30 PM



#74
 Di-n-butylphthalate
 Concen: 34.006 ng
 RT: 16.50 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BP001392.D
 Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	6.9	5.2	7.8





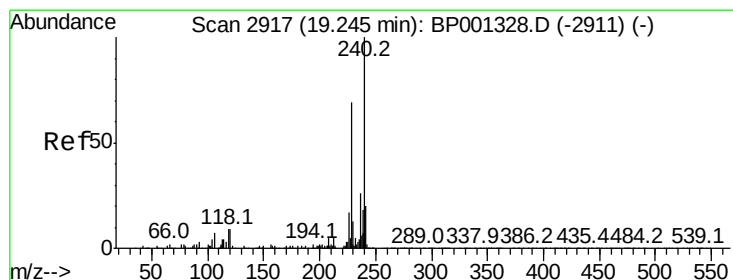
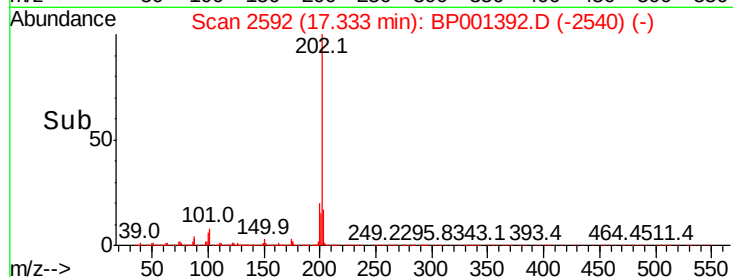
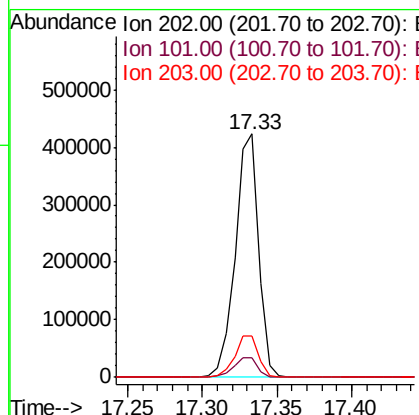
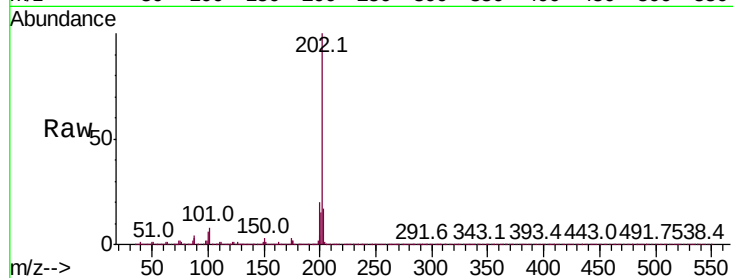
#75
Fluoranthene
Concen: 32.539 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	0.0	28.7
203	17.1	0.0	37.4

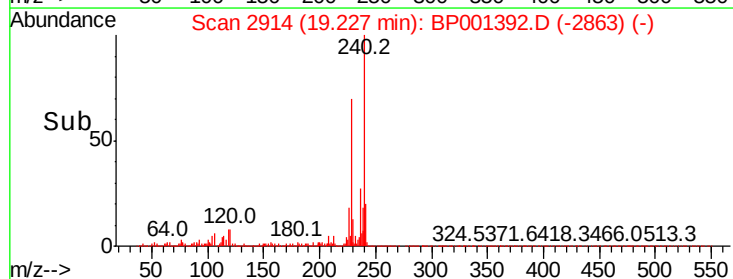
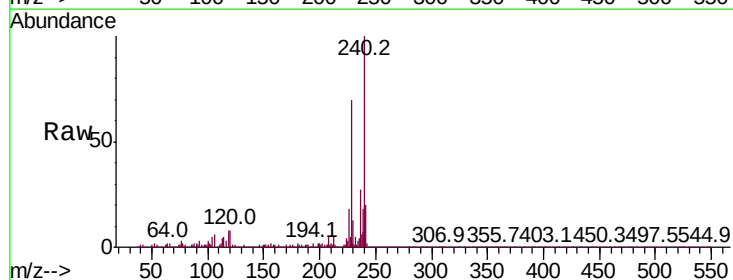
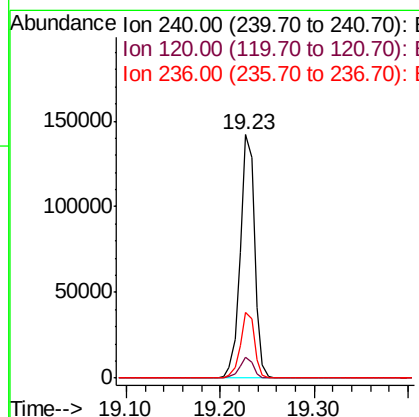
Manual Integrations
APPROVED

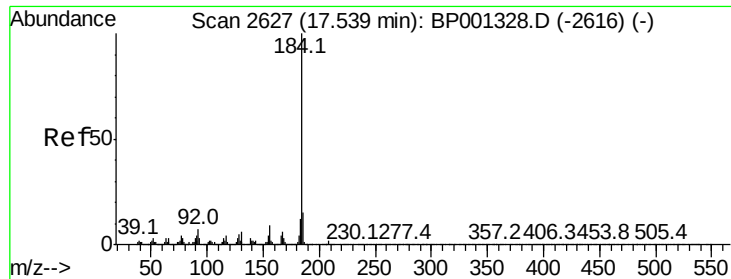
mohammad
12/26/2019 4:01:30 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.23 min Scan# 2914
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.5	6.2	9.2
236	27.1	20.2	30.2





#77

Benzidine

Concen: 79.601 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Instrument :

BNA_P

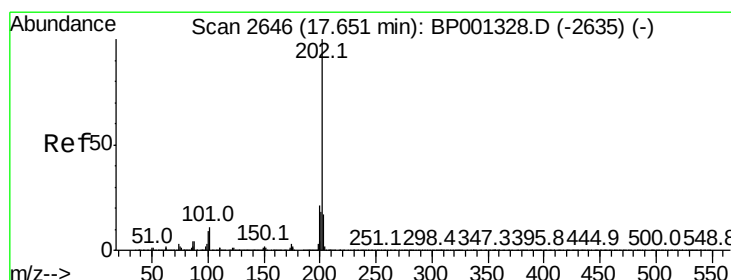
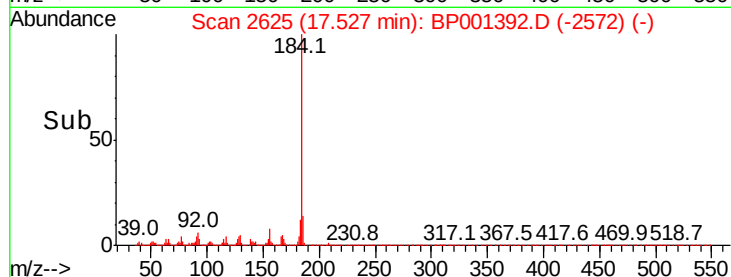
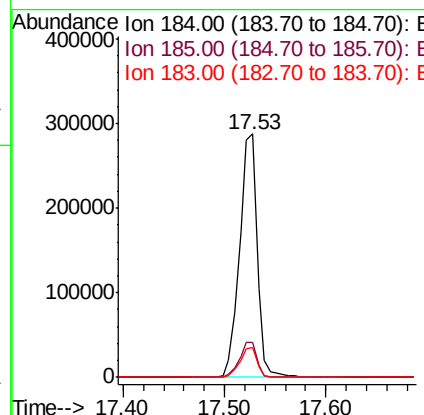
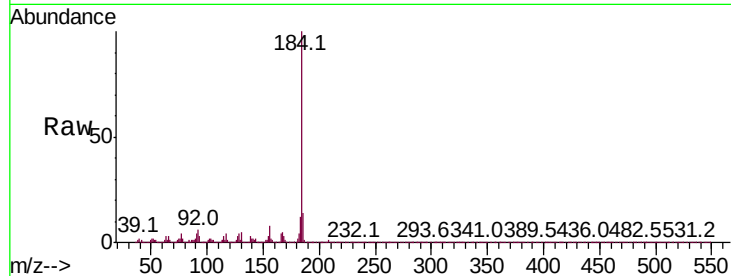
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	184	Resp:	348311
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.8	17.8
183	12.0	9.6	14.4

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#78

Pyrene

Concen: 38.916 ng

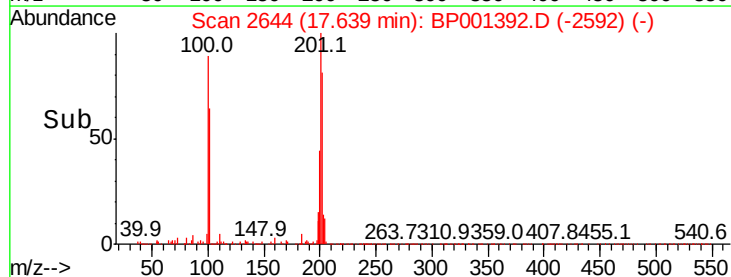
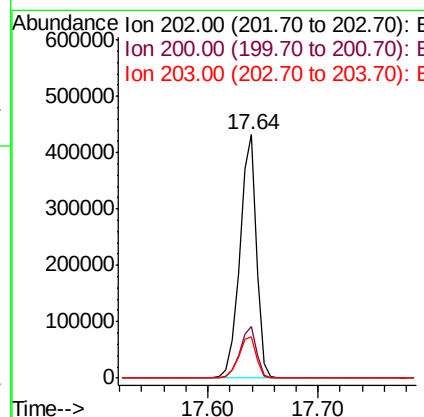
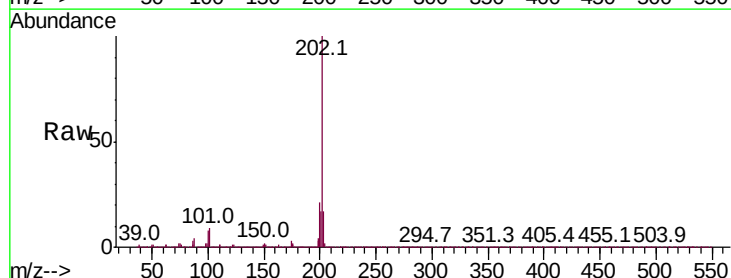
RT: 17.64 min Scan# 2644

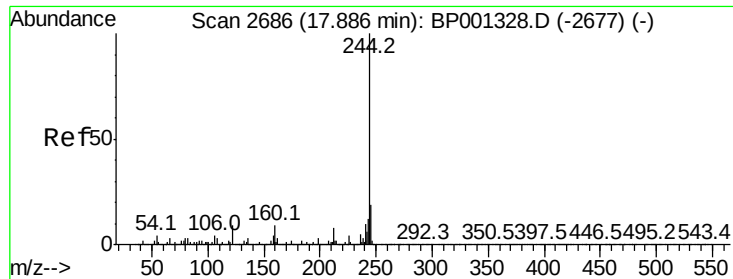
Delta R.T. 0.01 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion:	202	Resp:	454108
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.6	25.0
203	17.1	14.3	21.5





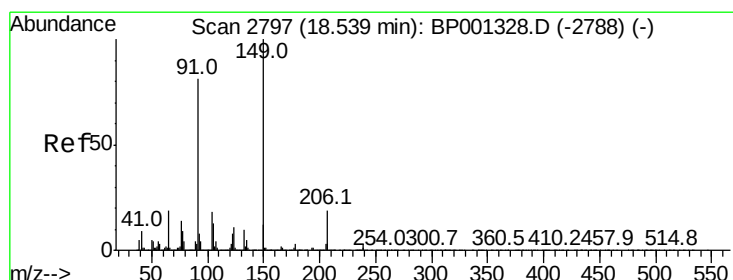
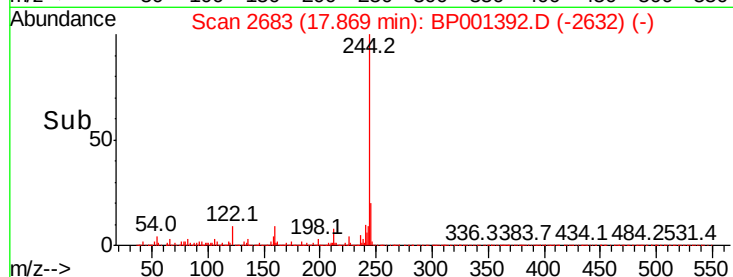
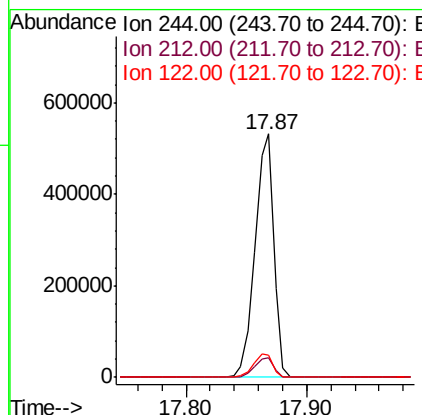
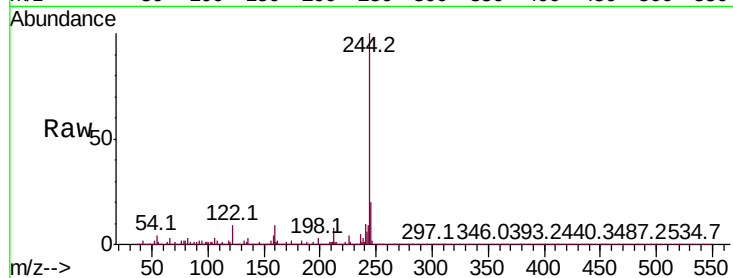
#79
 Terphenyl-d14
 Concen: 65.836 ng
 RT: 17.87 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: BP001392.D
 Acq: 24 Dec 2019 18:05

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion:	244	Resp:	577690
Ion Ratio		Lower	Upper
244	100		
212	7.8	5.8	8.8
122	8.9	6.4	9.6

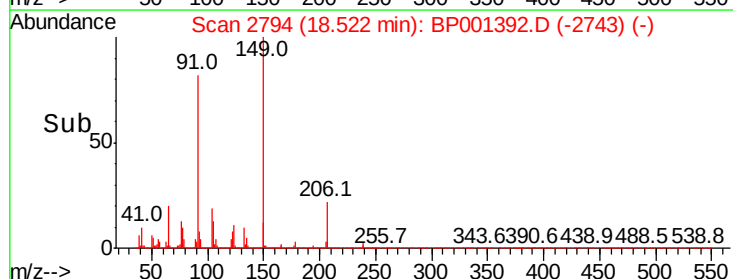
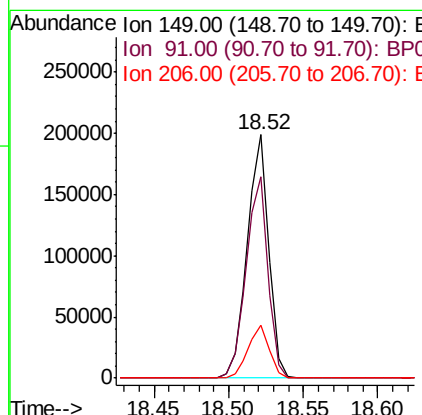
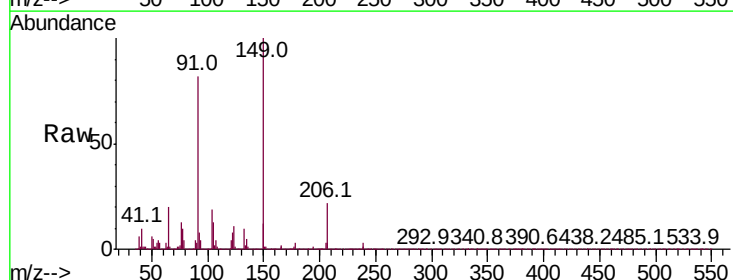
Manual Integrations
 APPROVED

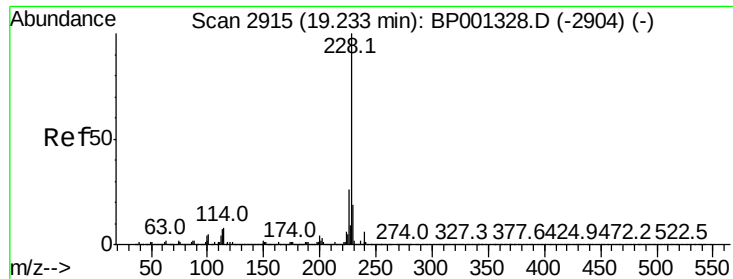
mohammad
 12/26/2019 4:01:30 PM



#80
 Butylbenzylphthalate
 Concen: 36.217 ng
 RT: 18.52 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: BP001392.D
 Acq: 24 Dec 2019 18:05

Tgt Ion:	149	Resp:	197029
Ion Ratio		Lower	Upper
149	100		
91	82.5	59.8	89.6
206	21.7	18.3	27.5





#81

Benzo(a)anthracene

Concen: 34.645 ng

RT: 19.22 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Instrument :

BNA_P

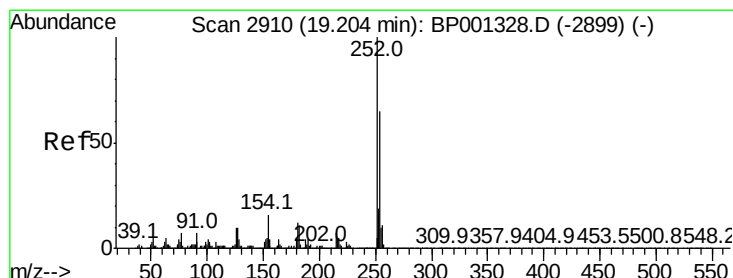
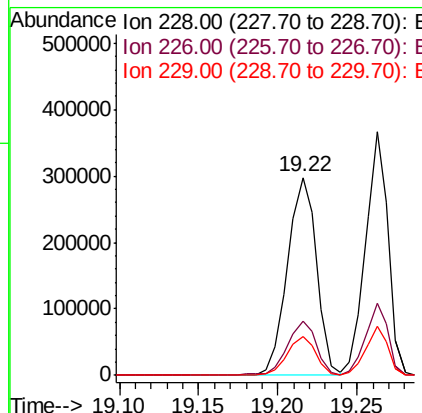
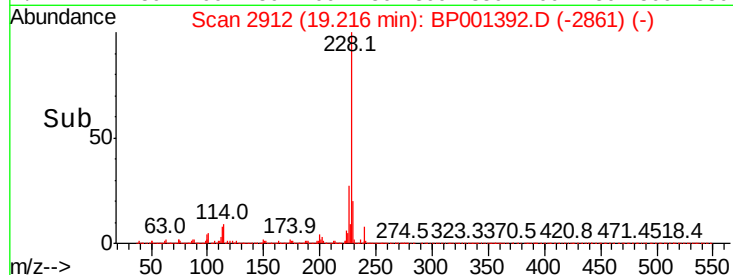
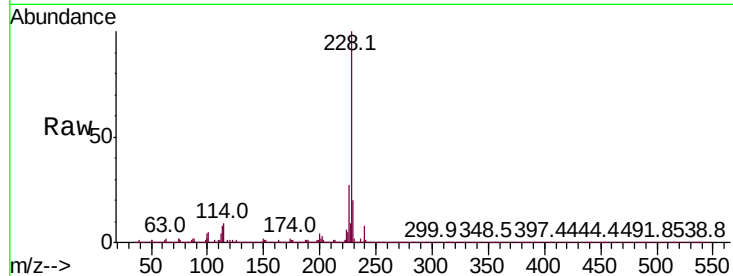
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	228	Resp:	379411
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.4	32.2
229	19.6	15.7	23.5

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#82

3,3'-Dichlorobenzidine

Concen: 35.118 ng

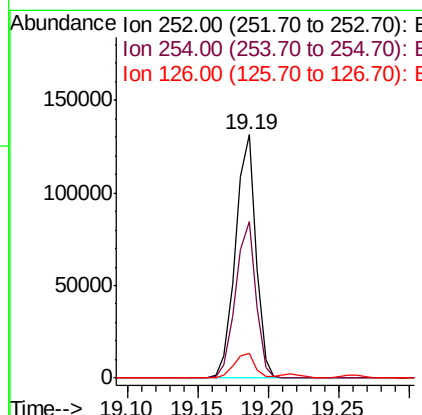
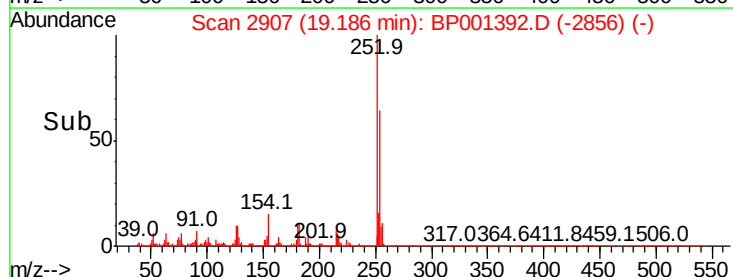
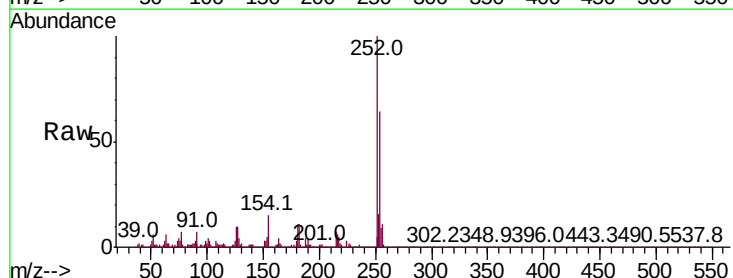
RT: 19.19 min Scan# 2907

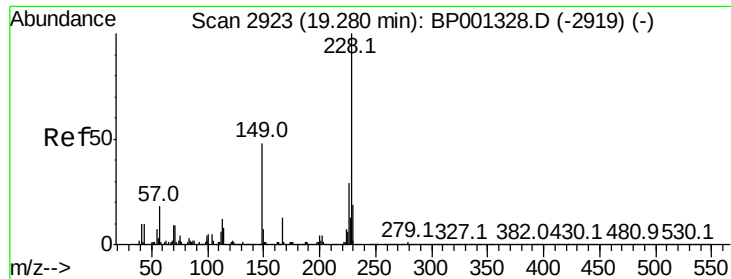
Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion:	252	Resp:	133544
Ion Ratio	Lower	Upper	
252	100		
254	64.4	52.3	78.5
126	10.0	7.3	10.9





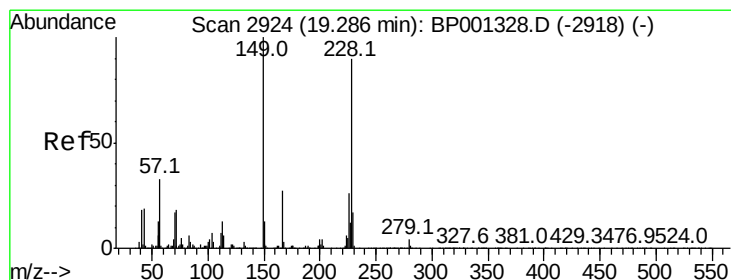
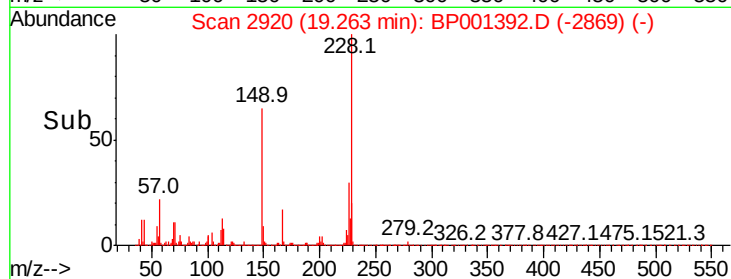
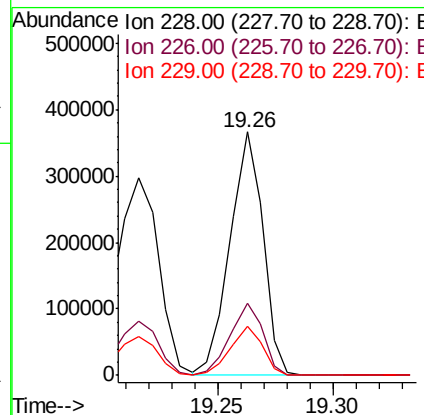
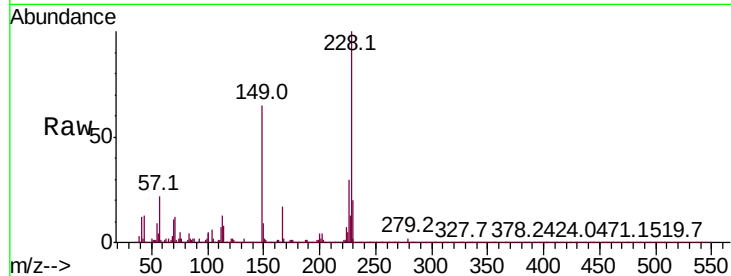
#83
 Chrysene
 Concen: 34.528 ng
 RT: 19.26 min Scan# 2920
 Delta R.T. -0.00 min
 Lab File: BP001392.D
 Acq: 24 Dec 2019 18:05

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	20.0	15.5	23.3

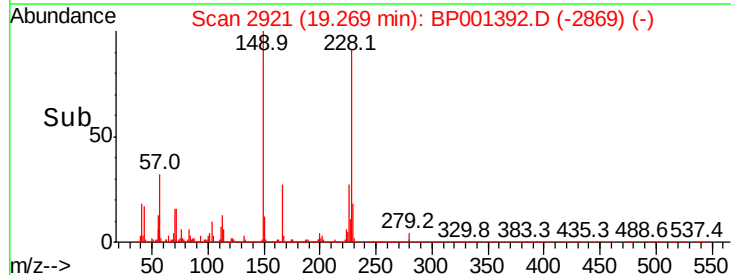
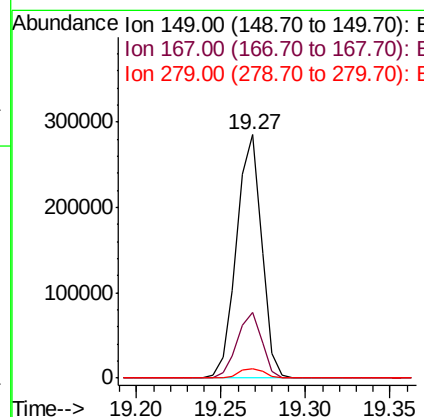
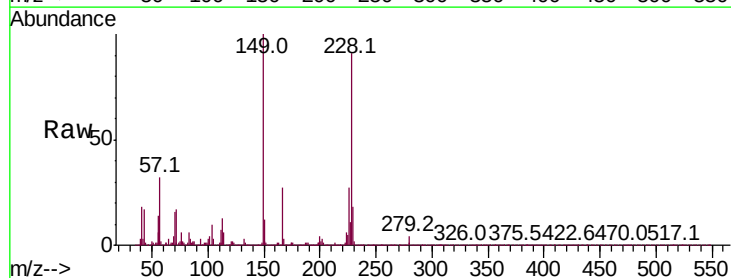
Manual Integrations
 APPROVED

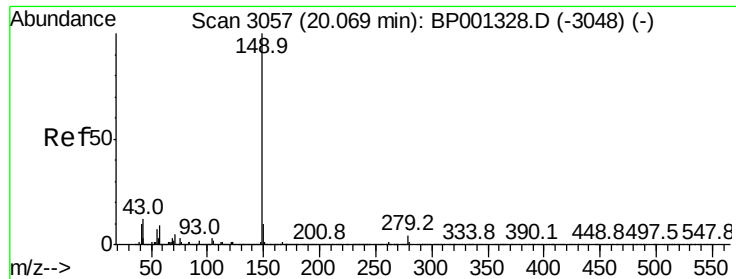
mohammad
 12/26/2019 4:01:30 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.804 ng
 RT: 19.27 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BP001392.D
 Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	4.1	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 35.557 ng

RT: 20.05 min Scan# 3054

Delta R.T. 0.01 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Instrument :

BNA_P

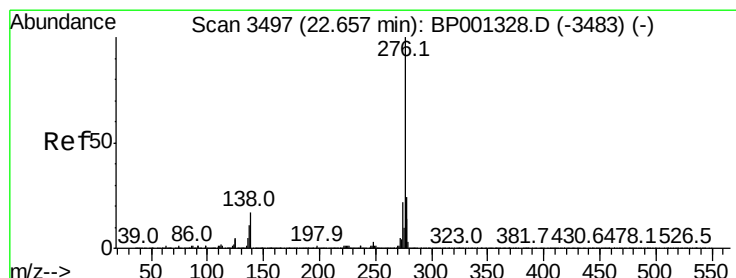
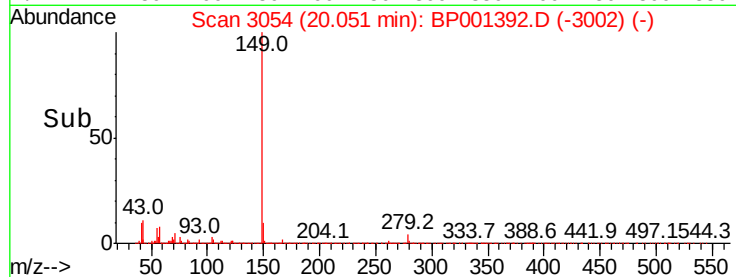
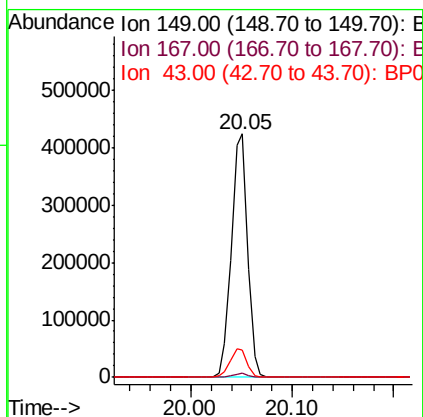
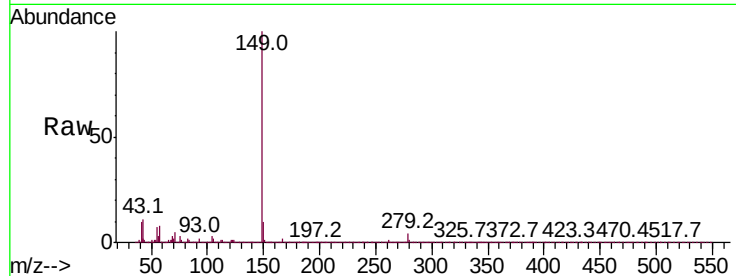
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	149	Resp:	470449
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	12.0	8.6	13.0

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.674 ng

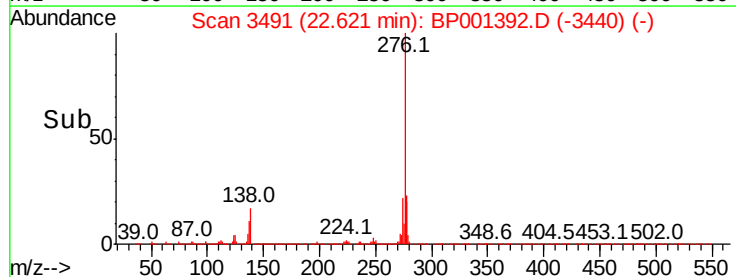
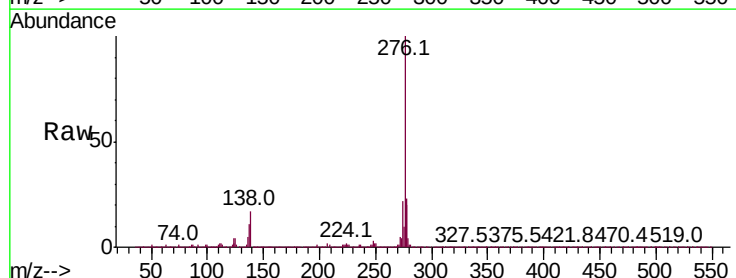
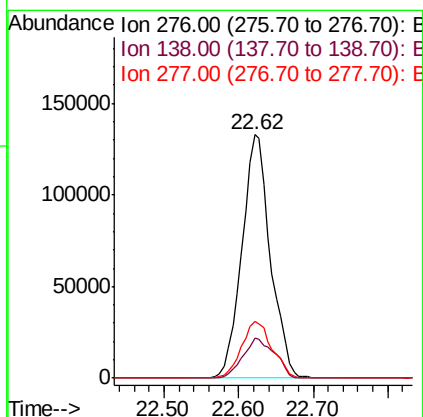
RT: 22.62 min Scan# 3491

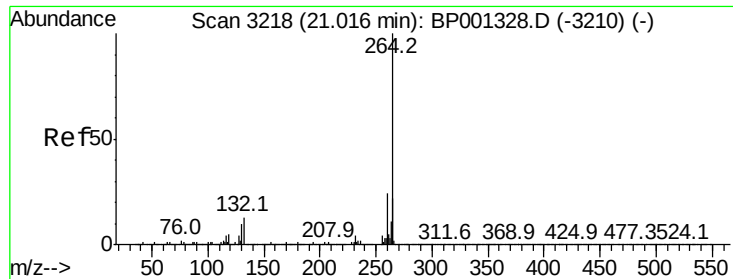
Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion:	276	Resp:	350180
Ion Ratio	Lower	Upper	
276	100		
138	18.4	12.8	19.2
277	25.0	19.9	29.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 20.99 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Instrument :

BNA_P

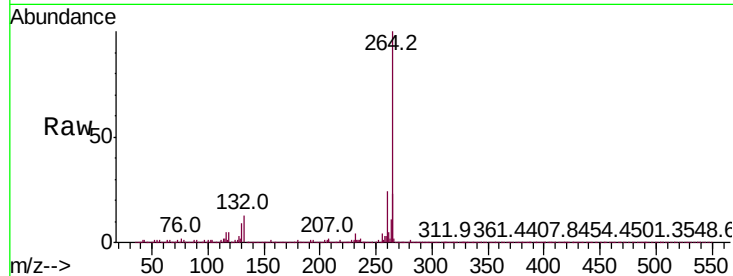
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	264	Resp:	144280
Ion Ratio		Lower	Upper
264	100		
260	23.8	19.0	28.4
265	22.6	17.0	25.4

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM

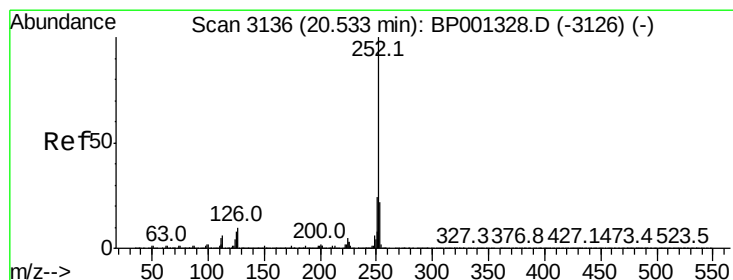
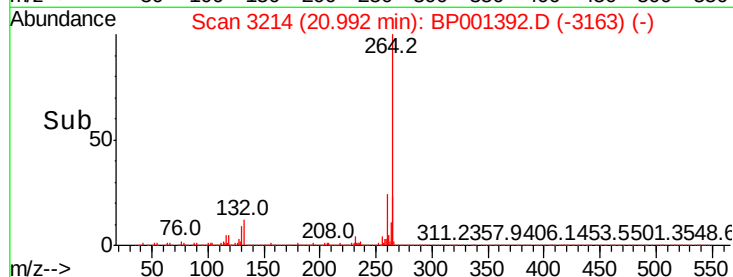
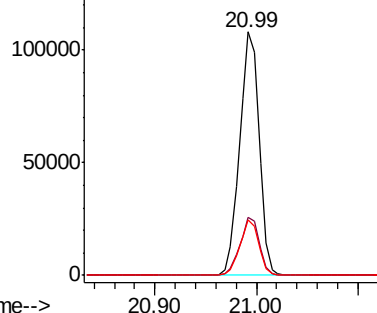


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 34.905 ng

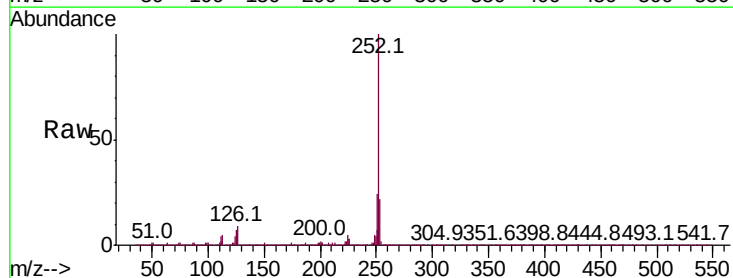
RT: 20.52 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BP001392.D

Acq: 24 Dec 2019 18:05

Tgt Ion:	252	Resp:	330732
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.5	26.3
125	6.9	5.6	8.4

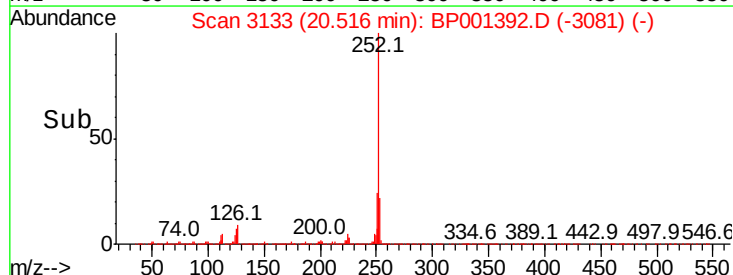
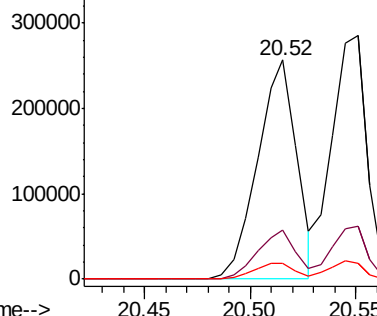


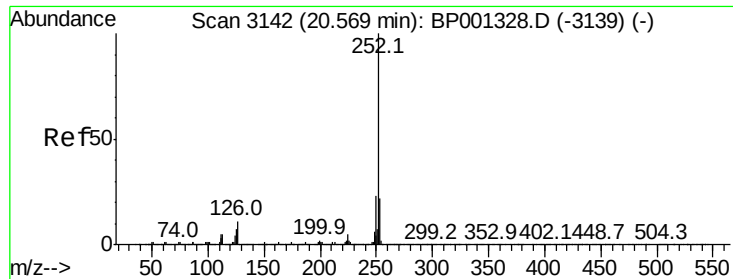
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





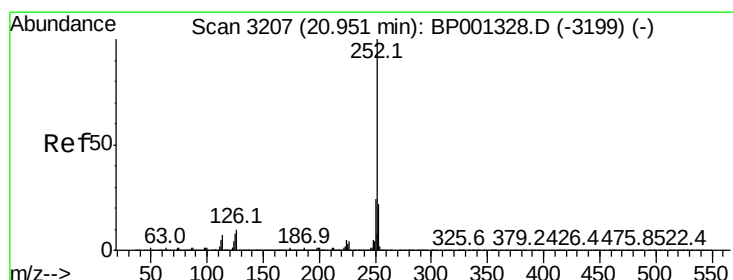
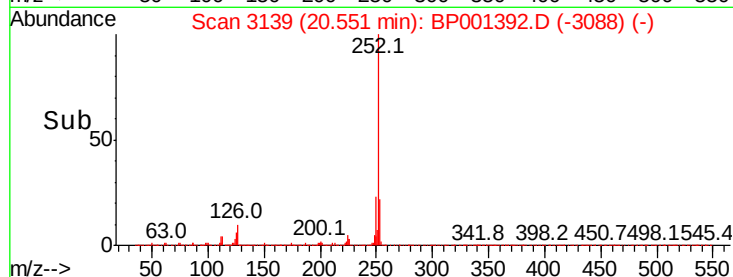
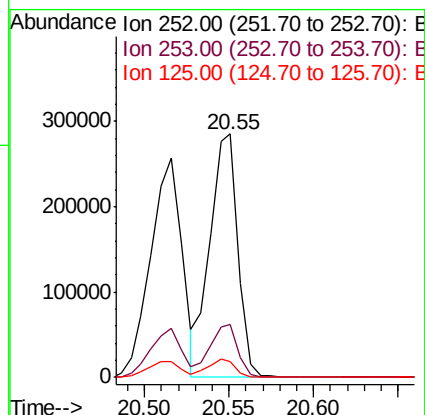
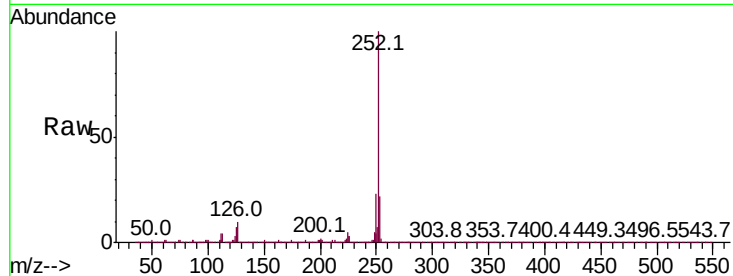
#89
Benzo(k)fluoranthene
Concen: 36.612 ng
RT: 20.55 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	6.6	4.5	6.7

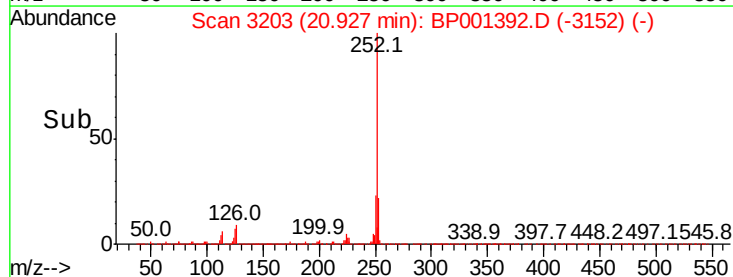
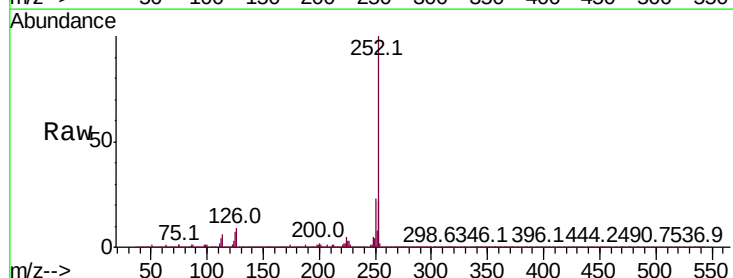
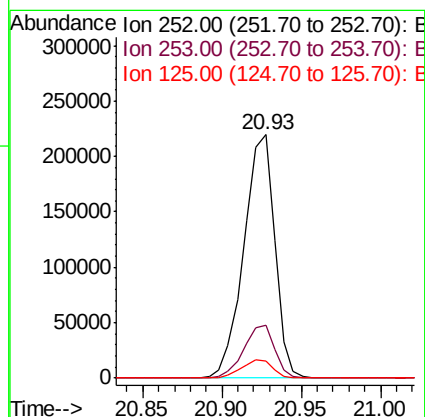
Manual Integrations
APPROVED

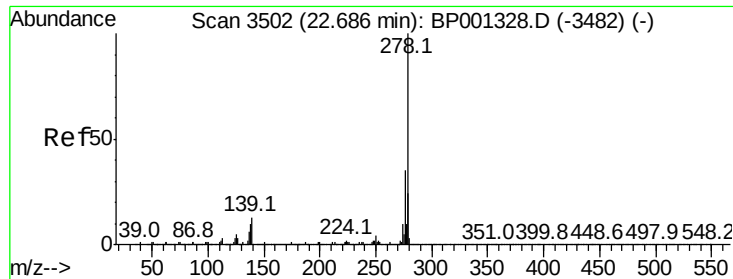
mohammad
12/26/2019 4:01:30 PM



#90
Benzo(a)pyrene
Concen: 34.535 ng
RT: 20.93 min Scan# 3203
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	6.8	5.2	7.8





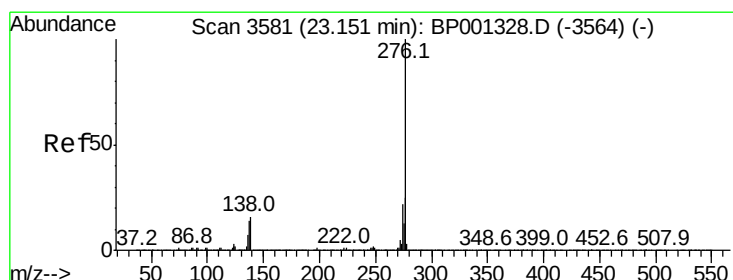
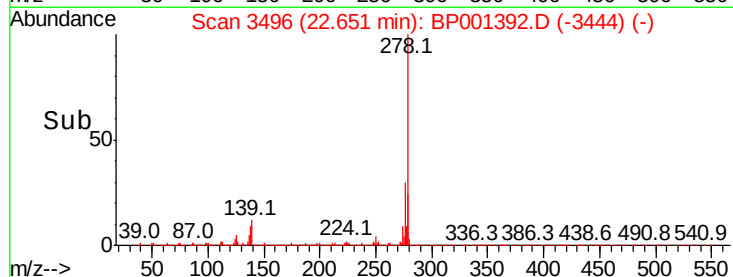
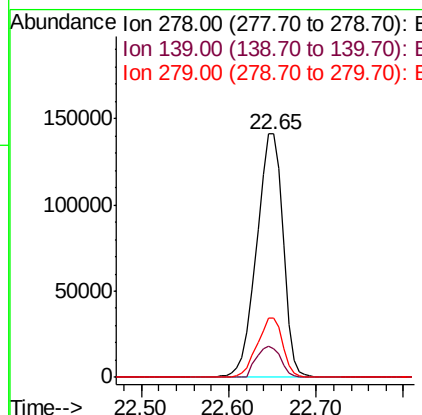
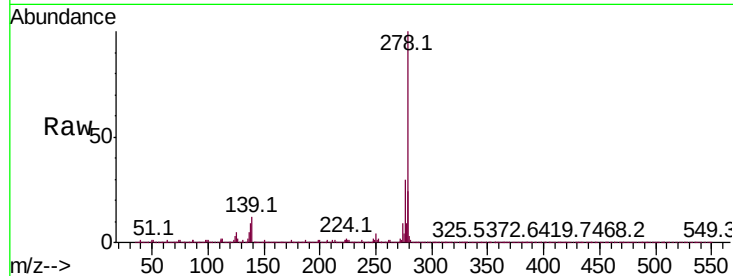
#91
Dibenzo(a,h)anthracene
Concen: 34.780 ng
RT: 22.65 min Scan# 3496
Delta R.T. 0.01 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	8.3	12.5
279	24.1	19.1	28.7

Manual Integrations
APPROVED

mohammad
12/26/2019 4:01:30 PM



#92
Benzo(g,h,i)perylene
Concen: 35.393 ng
RT: 23.11 min Scan# 3574
Delta R.T. -0.00 min
Lab File: BP001392.D
Acq: 24 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	27.8
138	14.9	10.5	15.7

