

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001424.D
 Acq On : 26 Dec 2019 16:26
 Operator : JU
 Sample : K6396-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 12/27/2019 3:18:09 PM

Quant Time: Dec 27 07:52:25 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	38269	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	140435	20.00	ng	0.00
39) Acenaphthene-d10	13.19	164	83505	20.00	ng	0.00
64) Phenanthrene-d10	15.59	188	157386	20.00	ng	0.00
76) Chrysene-d12	19.23	240	115420	20.00	ng	0.00
87) Perylene-d12	21.00	264	113337	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.22	112	298405	126.02	ng	0.02
7) Phenol-d6	7.77	99	415164	134.37	ng	0.02
23) Nitrobenzene-d5	9.17	82	269119	73.59	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	130785	125.27	ng	0.01
45) 2-Fluorobiphenyl	12.10	172	533234	80.75	ng	0.00
79) Terphenyl-d14	17.87	244	576720	85.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	34331	35.231	ng	96
3) Pyridine	3.43	79	90911	34.151	ng	98
4) n-Nitrosodimethylamine	3.35	42	78759	46.725	ng	98
6) Aniline	7.77	93	170454	43.825	ng	# 75
8) 2-Chlorophenol	7.96	128	124215	52.180	ng	95
9) Benzaldehyde	7.59	77	86258	39.797	ng	97
10) Phenol	7.79	94	187296	53.054	ng	# 75
11) bis(2-Chloroethyl)ether	7.90	93	115631	46.298	ng	96
12) 1,3-Dichlorobenzene	8.19	146	137135	46.250	ng	98
13) 1,4-Dichlorobenzene	8.32	146	145649	48.214	ng	98
14) 1,2-Dichlorobenzene	8.55	146	139349	48.420	ng	97
15) Benzyl Alcohol	8.53	79	137855	47.550	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	153056	38.695	ng	79
17) 2-Methylphenol	8.73	107	108356	51.511	ng	95
18) Hexachloroethane	9.09	117	54983	42.785	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	99074	45.169	ng	99
20) 3+4-Methylphenols	8.98	107	141798	50.798	ng	99
22) Acetophenone	8.94	105	194131	43.714	ng	# 97
24) Nitrobenzene	9.20	77	156284	43.420	ng	99
25) Isophorone	9.60	82	266714	45.357	ng	100
26) 2-Nitrophenol	9.72	139	65917	51.358	ng	97
27) 2,4-Dimethylphenol	9.82	122	111366	58.995	ng	98
28) bis(2-Chloroethoxy)methane	9.97	93	148328	42.234	ng	98
29) 2,4-Dichlorophenol	10.12	162	117067	50.084	ng	98
30) 1,2,4-Trichlorobenzene	10.24	180	132678	46.147	ng	95
31) Naphthalene	10.36	128	367088	47.886	ng	99
32) Benzoic acid	10.07	122	85133	54.965	ng	94
33) 4-Chloroaniline	10.46	127	101881	32.497	ng	97
34) Hexachlorobutadiene	10.58	225	86303	43.036	ng	94
35) Caprolactam	11.06	113	33927m	48.779	ng	
36) 4-Chloro-3-methylphenol	11.29	107	130950	47.941	ng	98
37) 2-Methylnaphthalene	11.49	142	261856	49.479	ng	98
38) 1-Methylnaphthalene	11.65	142	246056	49.453	ng	97
40) 1,2,4,5-Tetrachlorobenzene	11.77	216	146377	47.408	ng	# 98

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001424.D
 Acq On : 26 Dec 2019 16:26
 Operator : JU
 Sample : K6396-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

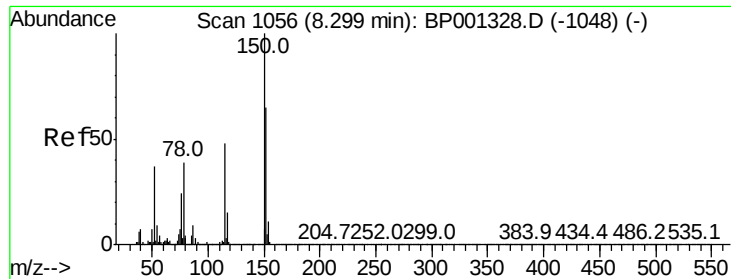
Manual Integrations
 APPROVED

mohammad
 12/27/2019 3:18:09 PM

Quant Time: Dec 27 07:52:25 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	143391	93.897	nq	99
43) 2,4,6-Trichlorophenol	11.96	196	92568	48.749	nq	97
44) 2,4,5-Trichlorophenol	12.03	196	99374	50.935	nq	97
46) 1,1'-Biphenyl	12.26	154	332545	47.588	nq	100
47) 2-Chloronaphthalene	12.28	162	264702	46.857	nq	100
48) 2-Nitroaniline	12.46	65	96010	42.443	nq	98
49) Acenaphthylene	12.96	152	407570	49.354	nq	99
50) Dimethylphthalate	12.79	163	335263	48.939	nq	99
51) 2,6-Dinitrotoluene	12.87	165	66699	47.949	nq	91
52) Acenaphthene	13.25	154	236303	47.493	nq	98
53) 3-Nitroaniline	13.13	138	46722	31.293	nq	98
54) 2,4-Dinitrophenol	13.32	184	55517	103.357	nq	96
55) Dibenzofuran	13.53	168	384435	49.313	nq	99
56) 4-Nitrophenol	13.46	139	87670	82.118	nq	92
57) 2,4-Dinitrotoluene	13.53	165	92144	47.659	nq	# 93
58) Fluorene	14.09	166	298626	47.893	nq	100
59) 2,3,4,6-Tetrachlorophenol	13.75	232	77239	46.112	nq	93
60) Diethylphthalate	13.95	149	302993	42.881	nq	98
61) 4-Chlorophenyl-phenylether	14.10	204	156004	47.595	nq	96
62) 4-Nitroaniline	12.46	138	79522	45.994	nq	93
63) Azobenzene	14.37	77	323659	43.510	nq	97
65) 4,6-Dinitro-2-methylphenol	14.20	198	41336	58.643	nq	98
66) n-Nitrosodiphenylamine	14.30	169	256441	51.396	nq	99
67) 4-Bromophenyl-phenylether	14.90	248	90667	48.725	nq	91
68) Hexachlorobenzene	14.99	284	102709	48.485	nq	97
69) Atrazine	15.20	200	86389	48.201	nq	97
70) Pentachlorophenol	15.31	266	97446	89.701	nq	95
71) Phenanthrene	15.63	178	435203	48.467	nq	99
72) Anthracene	15.70	178	444598	50.017	nq	99
73) Carbazole	15.95	167	373008	47.067	nq	99
74) Di-n-butylphthalate	16.50	149	458475	42.157	nq	99
75) Fluoranthene	17.33	202	463488	46.162	nq	100
77) Benzidine	17.53	184	208579	62.068	nq	99
78) Pyrene	17.64	202	459738	51.301	nq	100
80) Butylbenzylphthalate	18.52	149	181983	43.558	nq	93
81) Benzo(a)anthracene	19.22	228	407489	48.450	nq	99
82) 3,3'-Dichlorobenzidine	19.19	252	139546	47.782	nq	98
83) Chrysene	19.27	228	391342	48.207	nq	99
84) Bis(2-ethylhexyl)phthalate	19.27	149	266218	43.423	nq	98
85) Di-n-octyl phthalate	20.05	149	415272	40.868	nq	97
86) Indeno(1,2,3-cd)pyrene	22.64	276	393906	44.928	nq	# 95
88) Benzo(b)fluoranthene	20.52	252	358986	48.230	nq	99
89) Benzo(k)fluoranthene	20.56	252	367148	51.782	nq	99
90) Benzo(a)pyrene	20.93	252	330416	48.730	nq	99
91) Dibenzo(a,h)anthracene	22.66	278	338777	51.101	nq	# 95
92) Benzo(g,h,i)perylene	23.13	276	323938	51.135	nq	99

(#) = 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: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

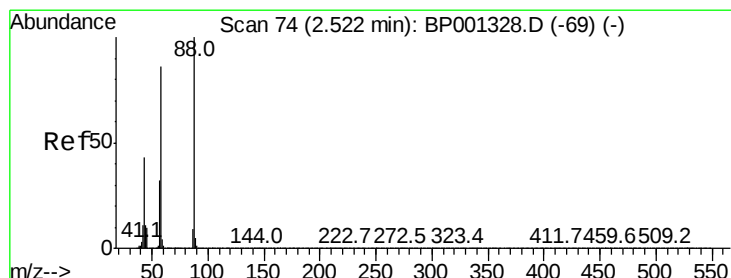
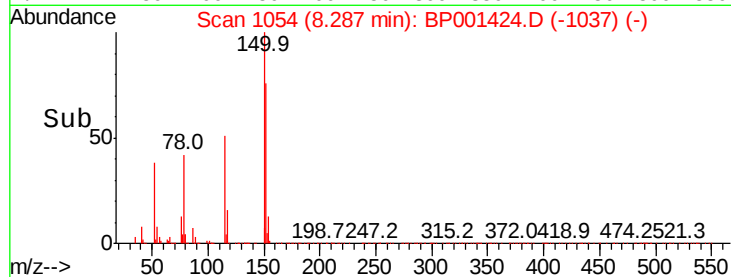
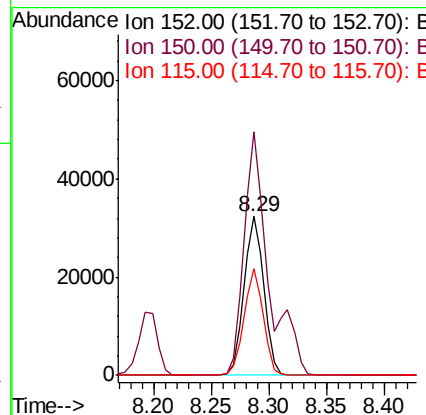
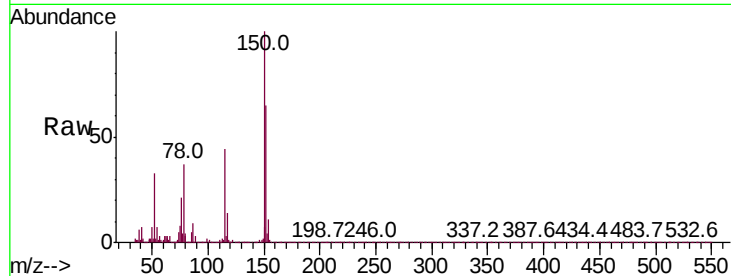
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	152	Resp:	38269
Ion Ratio	Lower	Upper	
152	100		
150	153.2	127.0	190.6
115	67.3	56.1	84.1

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#2

1,4-Dioxane

Concen: 35.231 ng

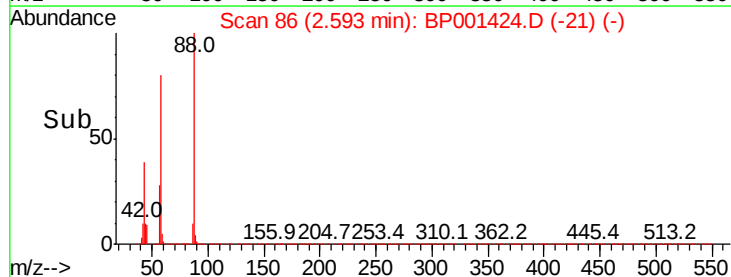
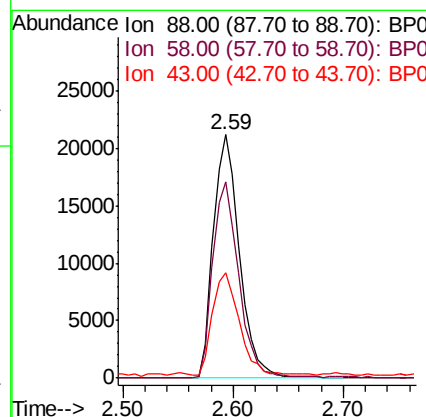
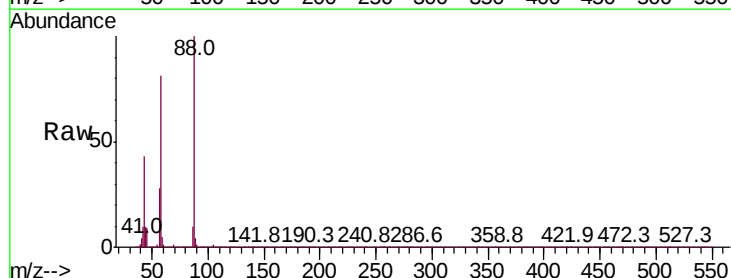
RT: 2.59 min Scan# 86

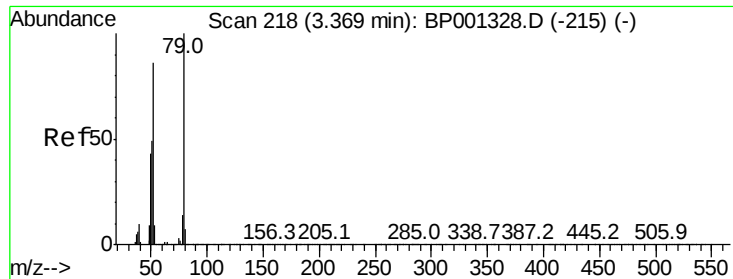
Delta R.T. 0.08 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	88	Resp:	34331
Ion Ratio	Lower	Upper	
88	100		
58	79.7	66.9	100.3
43	42.6	32.9	49.3





#3

Pvridine

Concen: 34.151 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.08 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

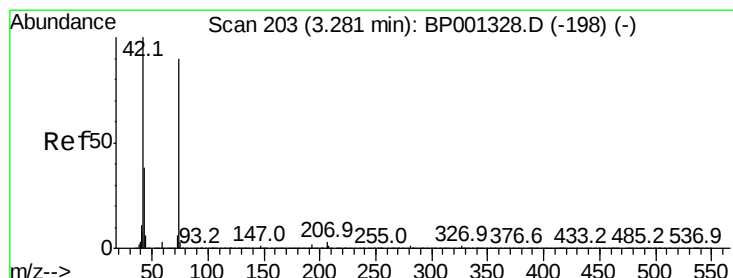
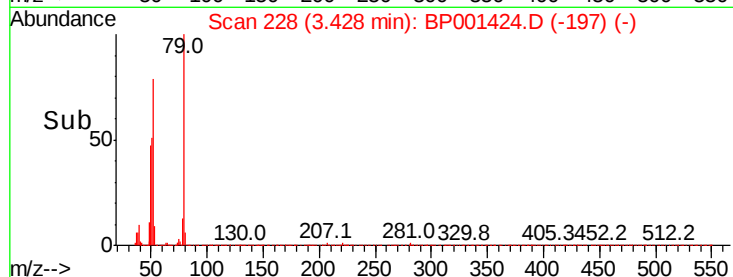
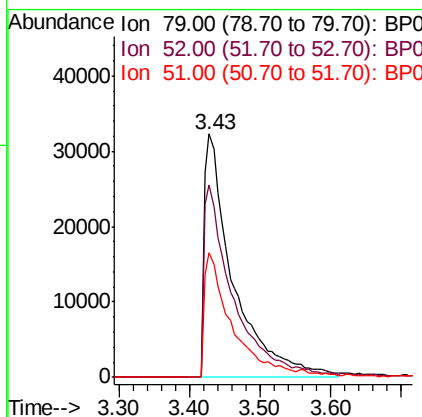
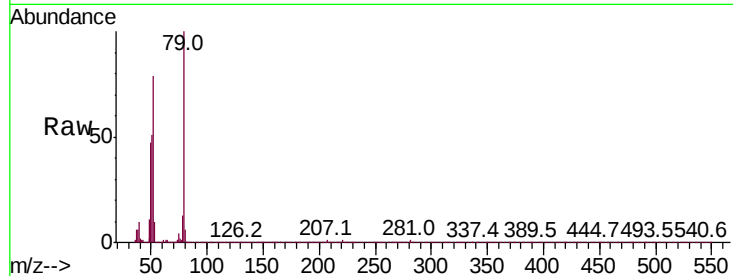
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	79	Resp:	90911
Ion Ratio	Lower	Upper	
79	100		
52	78.9	64.6	96.8
51	51.0	40.2	60.2

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#4

n-Nitrosodimethylamine

Concen: 46.725 ng

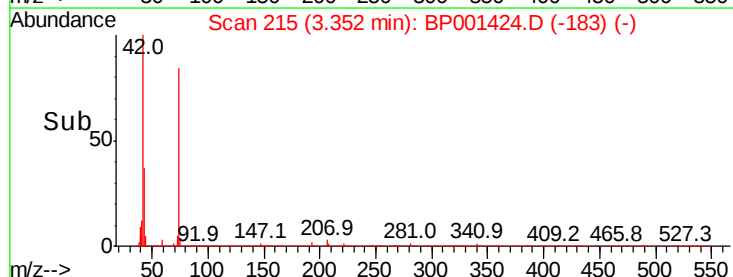
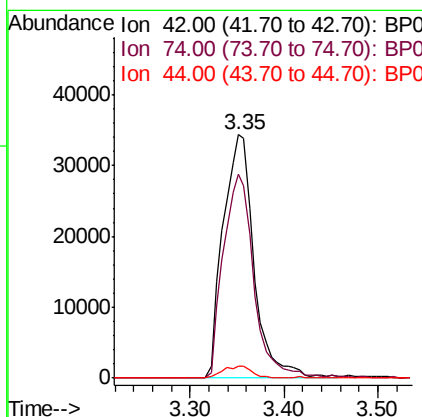
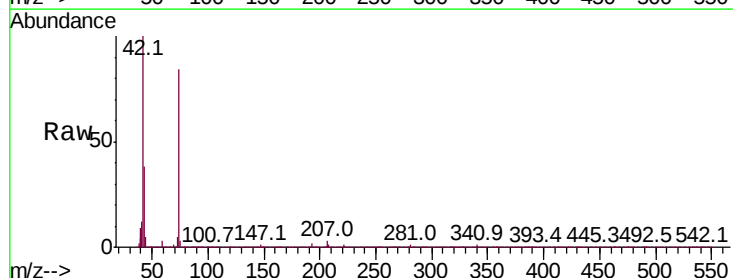
RT: 3.35 min Scan# 215

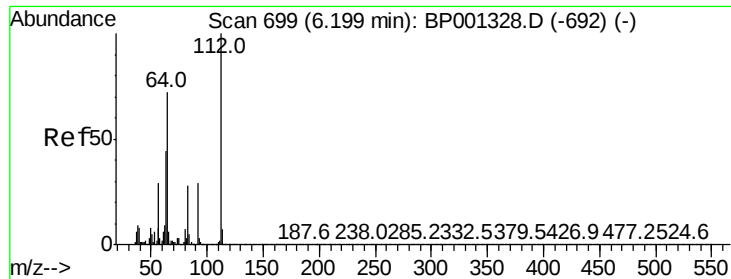
Delta R.T. 0.09 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	42	Resp:	78759
Ion Ratio	Lower	Upper	
42	100		
74	83.9	65.3	97.9
44	4.9	3.8	5.6





#5

2-Fluorophenol

Concen: 126.024 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

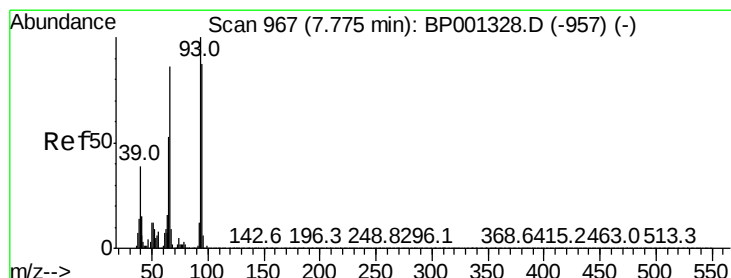
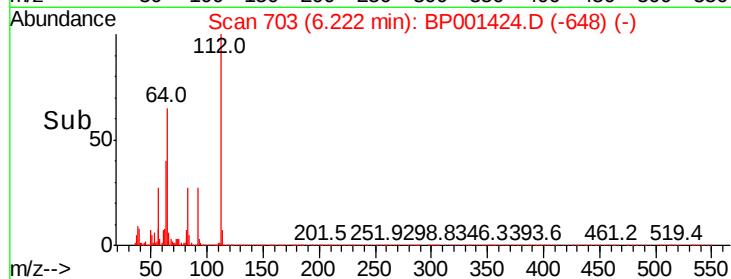
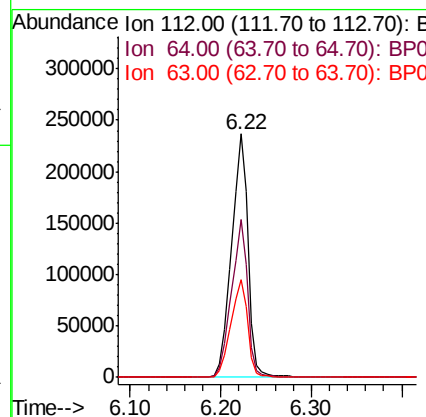
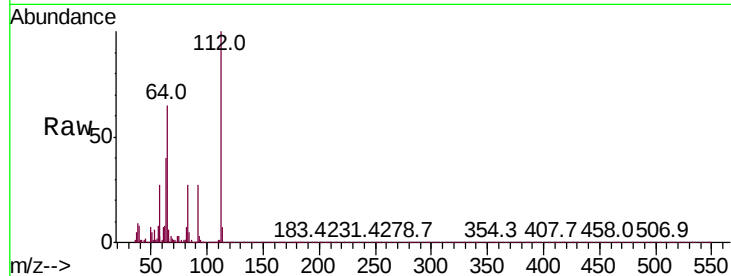
ClientSampleId :

SB-2-(4-5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		298405		
64	65.1	53.9	80.9		
63	40.2	33.4	50.0		

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#6

Aniline

Concen: 43.825 ng

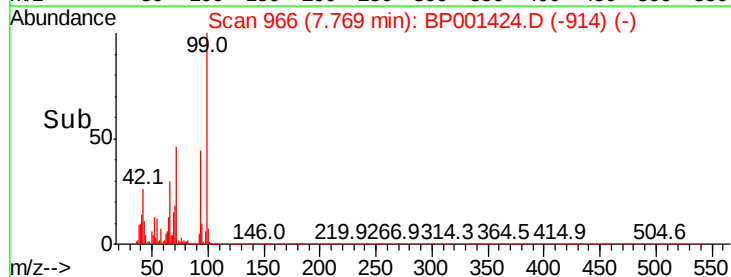
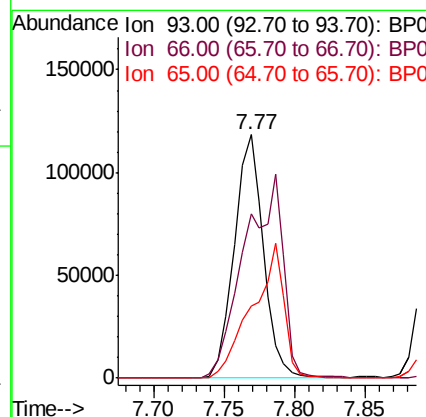
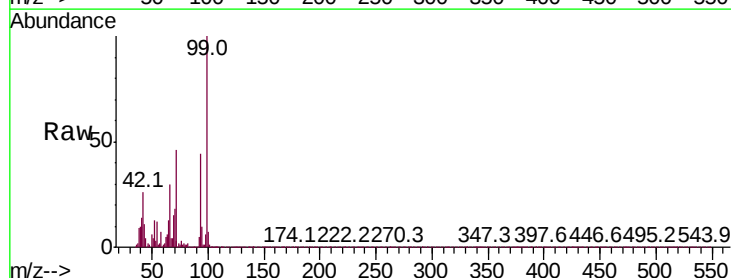
RT: 7.77 min Scan# 966

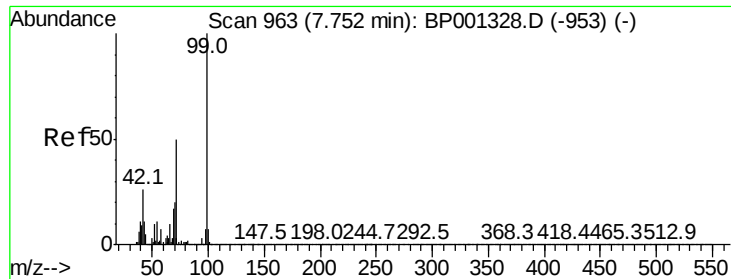
Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		170454		
66	67.4	69.0	103.6#		
65	29.5	41.1	61.7#		





#7

Phenol-d6

Concen: 134.369 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.02 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

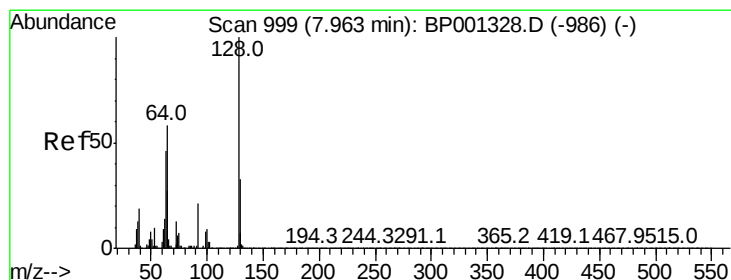
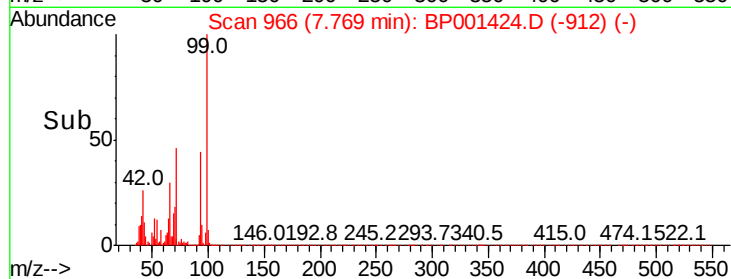
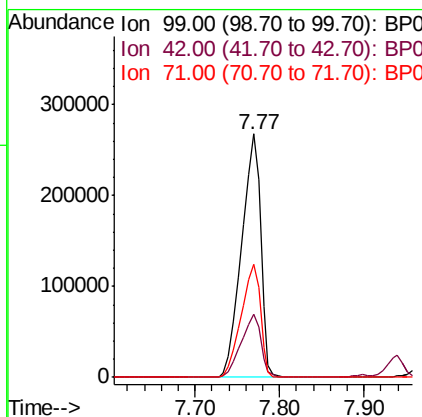
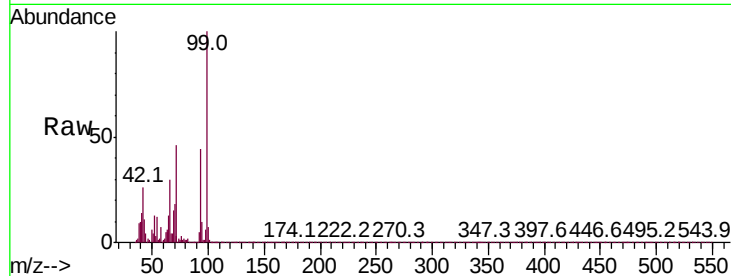
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	99	Resp:	415164
Ion Ratio	Lower	Upper	
99	100		
42	26.1	20.8	31.2
71	46.3	38.2	57.4

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#8

2-Chlorophenol

Concen: 52.180 ng

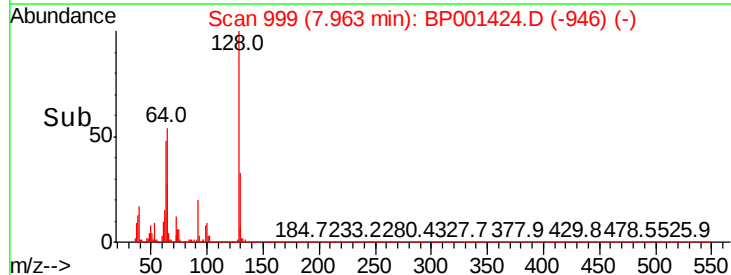
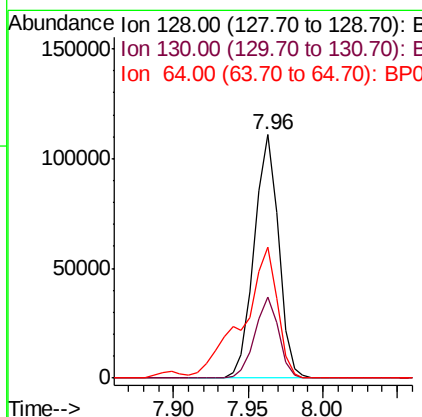
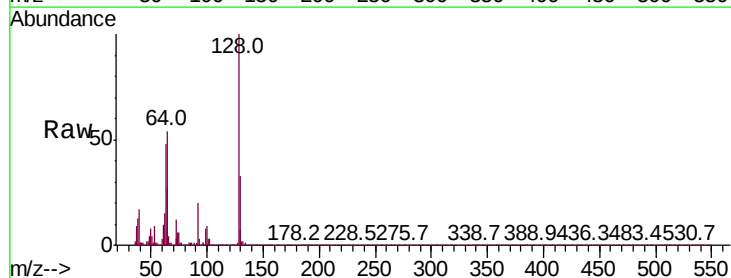
RT: 7.96 min Scan# 999

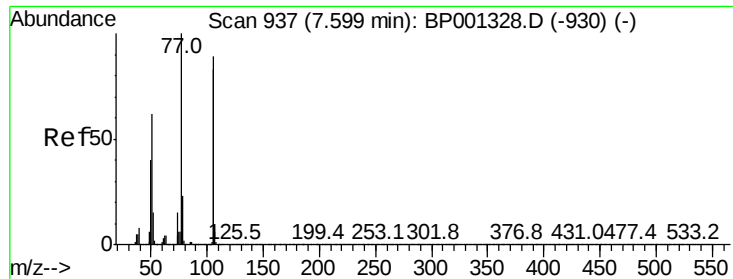
Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	128	Resp:	124215
Ion Ratio	Lower	Upper	
128	100		
130	33.1	10.7	50.7
64	53.6	37.7	77.7





#9

Benzaldehyde

Concen: 39.797 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

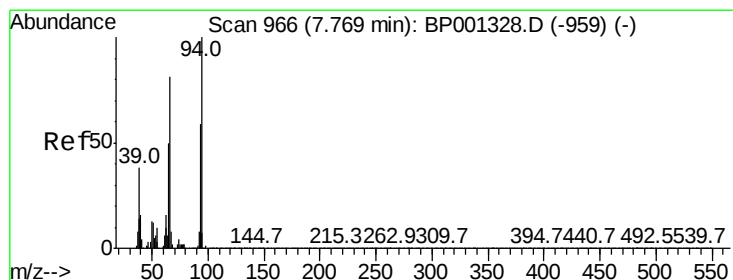
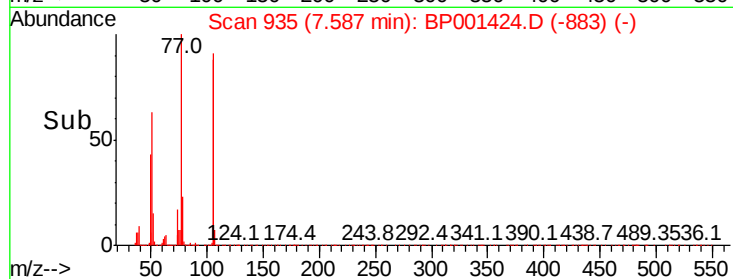
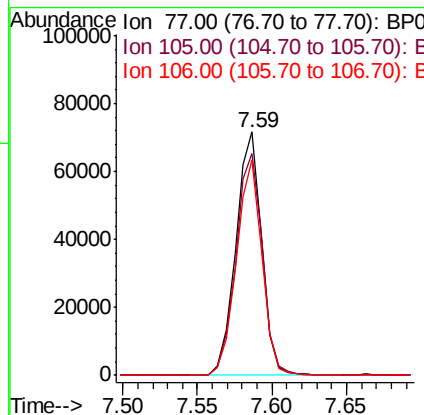
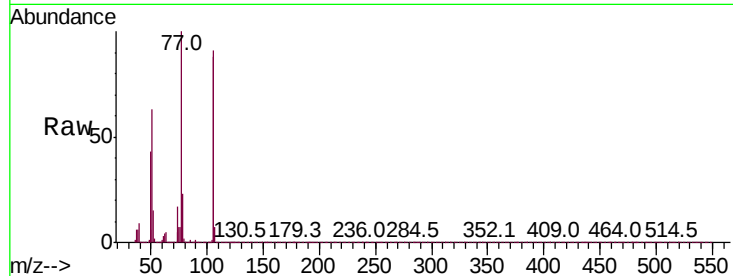
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	77	Resp:	86258
Ion Ratio	Lower	Upper	
77	100		
105	91.3	75.7	115.7
106	88.3	70.5	110.5

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#10

Phenol

Concen: 53.054 ng

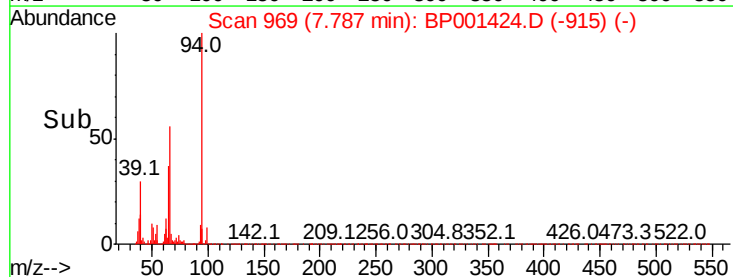
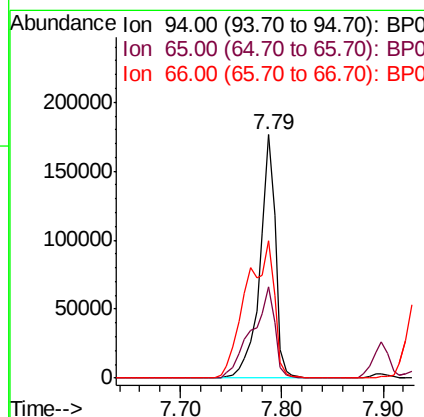
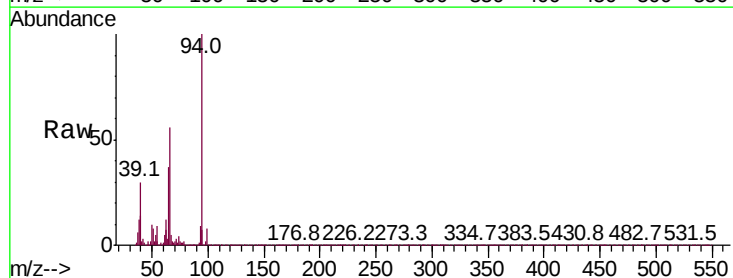
RT: 7.79 min Scan# 969

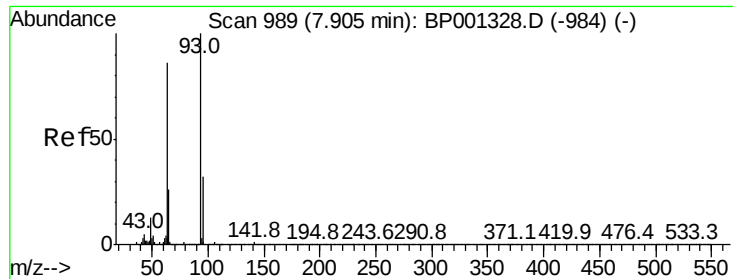
Delta R.T. 0.02 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	94	Resp:	187296
Ion Ratio	Lower	Upper	
94	100		
65	37.3	29.6	69.6
66	56.4	62.3	102.3#





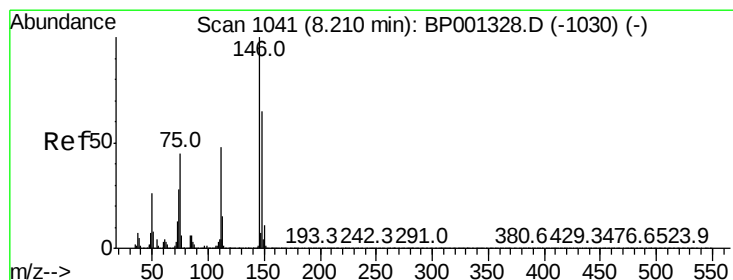
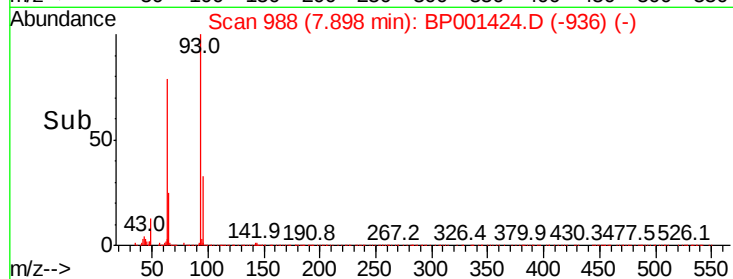
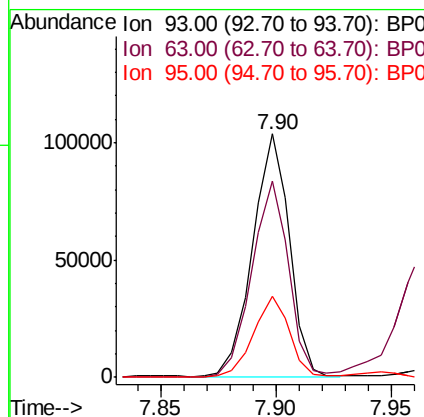
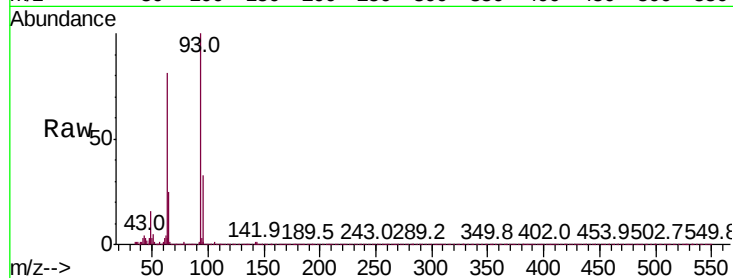
#11
bis(2-Chloroethyl)ether
Concen: 46.298 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	80.8	64.9	104.9	
95	33.3	12.8	52.8	

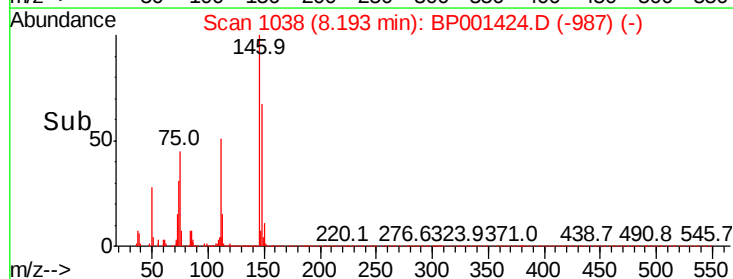
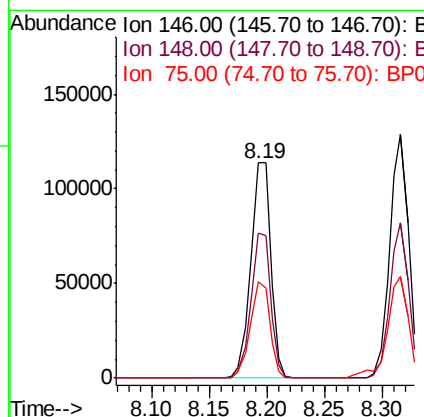
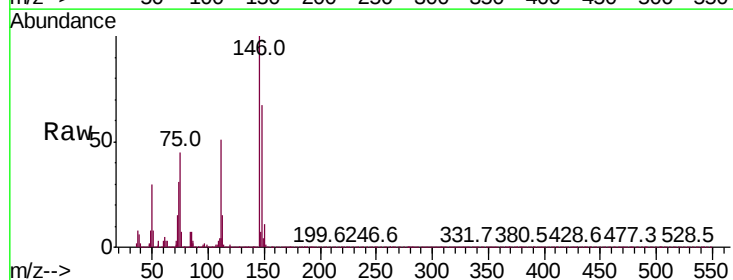
Manual Integrations
APPROVED

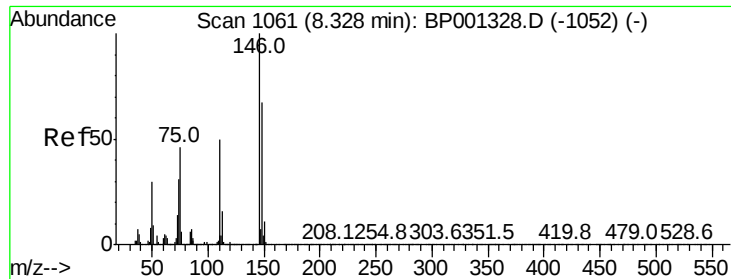
mohammad
12/27/2019 3:18:09 PM



#12
1,3-Dichlorobenzene
Concen: 46.250 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	67.4	52.2	78.2	
75	44.8	35.8	53.8	





#13

1,4-Dichlorobenzene

Concen: 48.214 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BP001424.D

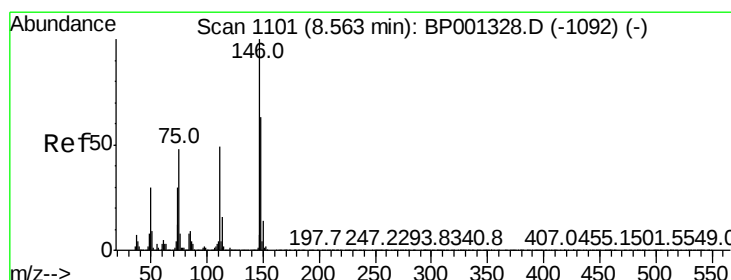
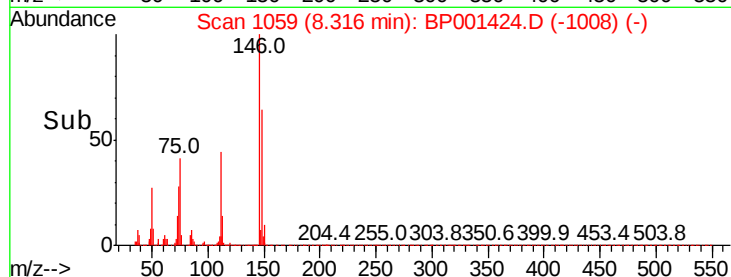
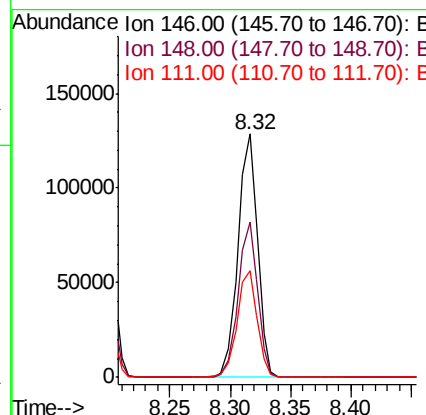
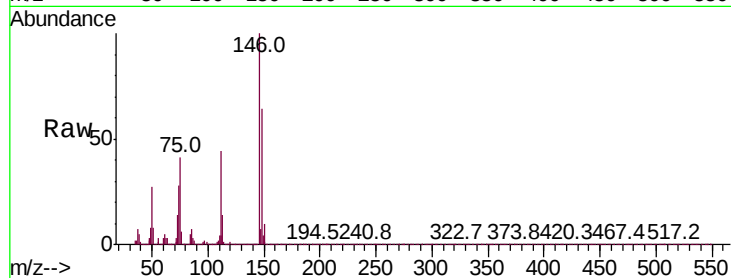
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	44.0	36.8	55.2

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#14

1,2-Dichlorobenzene

Concen: 48.420 ng

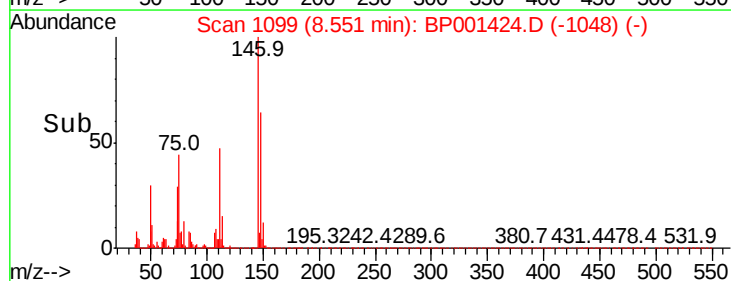
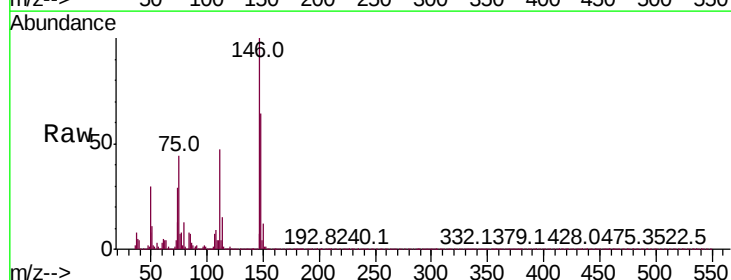
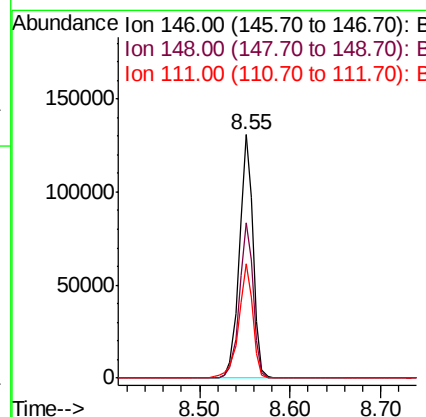
RT: 8.55 min Scan# 1099

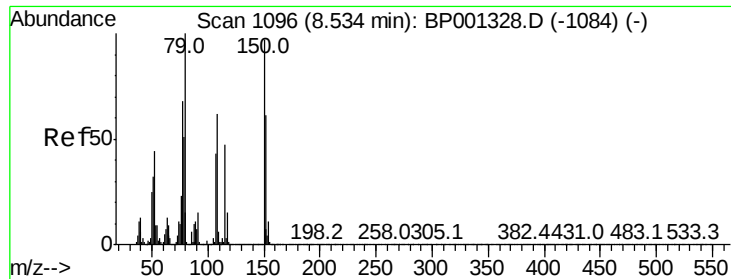
Delta R.T. -0.00 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.1	79.7
111	47.2	39.5	59.3





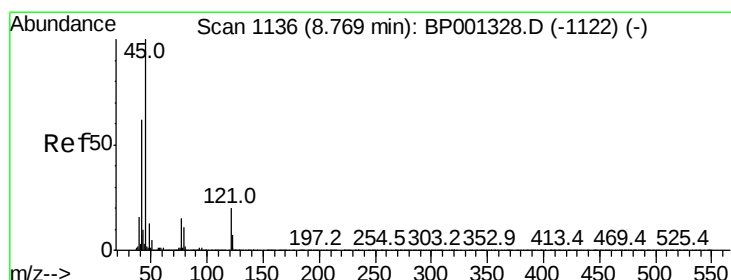
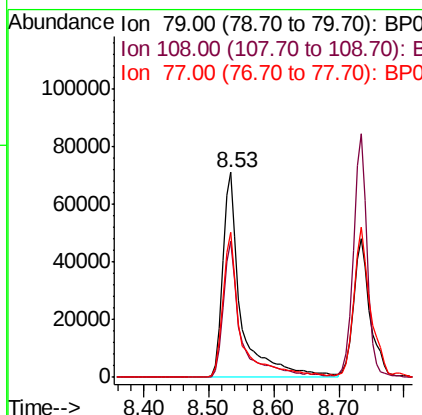
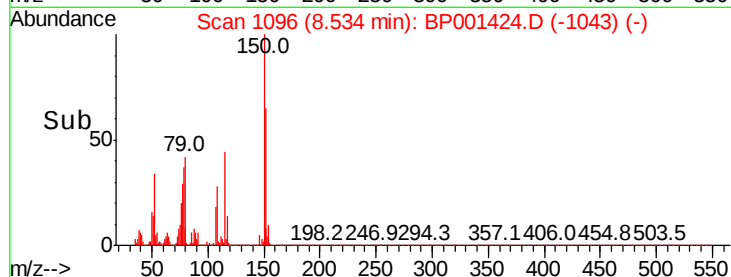
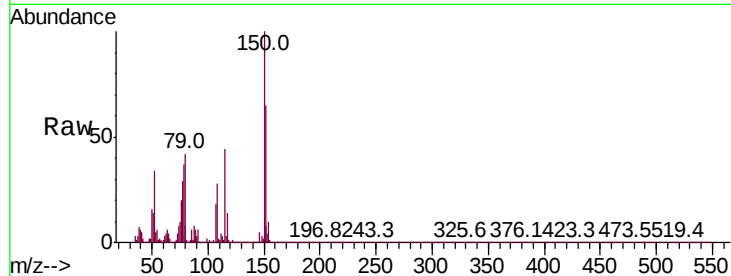
#15
Benzyl Alcohol
Concen: 47.550 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Instrument :
BNA_P
ClientSampleID :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.5	49.0	73.4
77	70.8	56.7	85.1

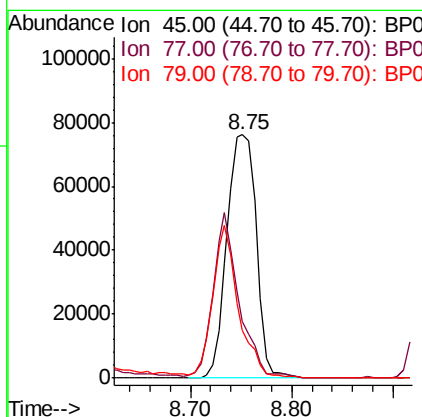
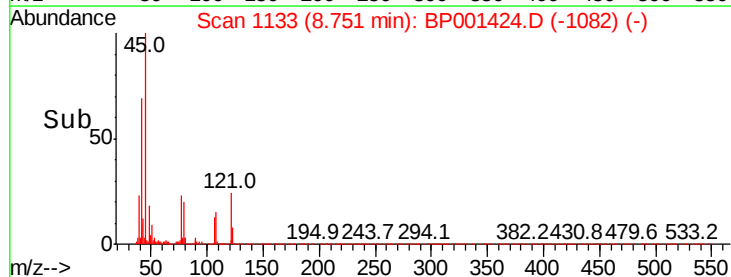
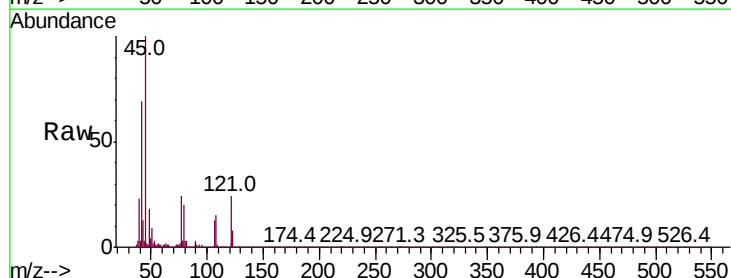
Manual Integrations
APPROVED

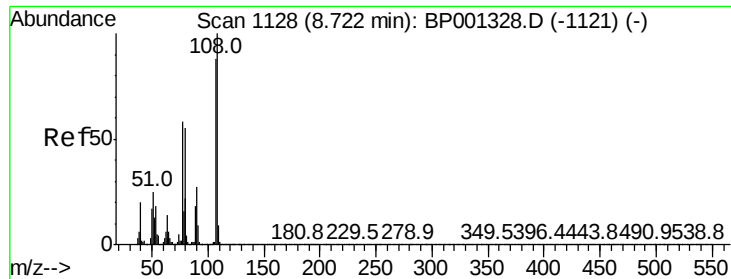
mohammad
12/27/2019 3:18:09 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.695 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.5	0.0	34.7
79	19.6	0.0	31.8





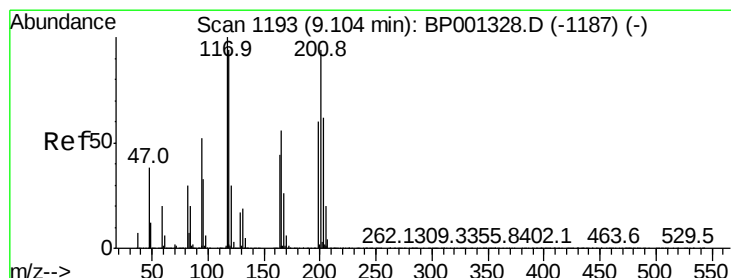
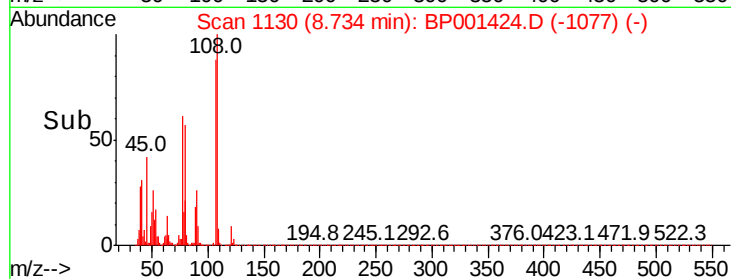
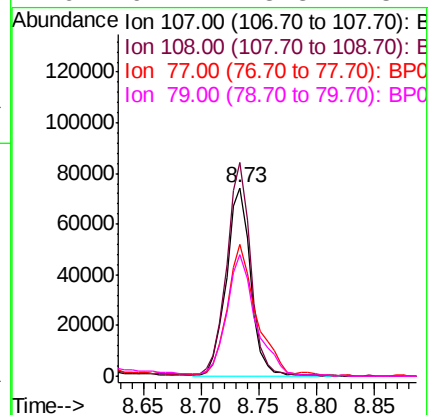
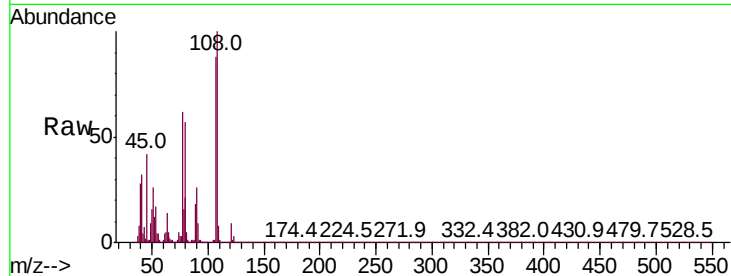
#17
2-Methylphenol
Concen: 51.511 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	88.8	133.2	
77	69.7	48.9	73.3	
79	64.2	48.8	73.2	

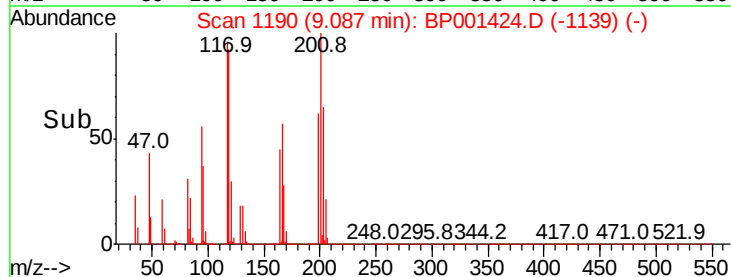
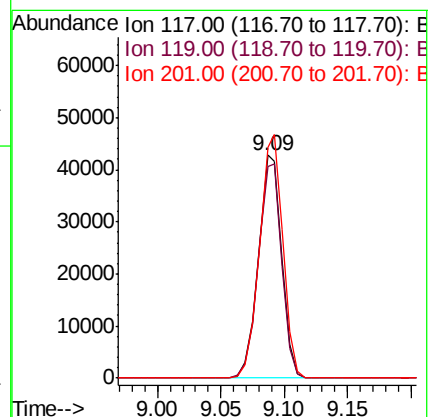
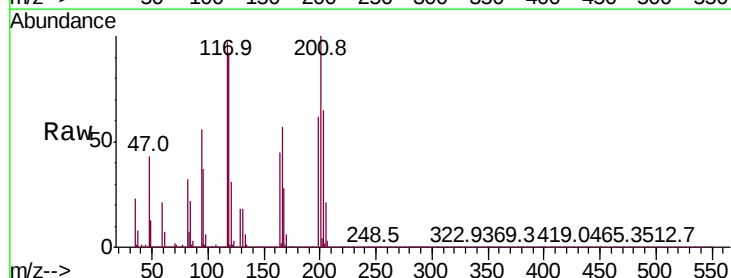
Manual Integrations
APPROVED

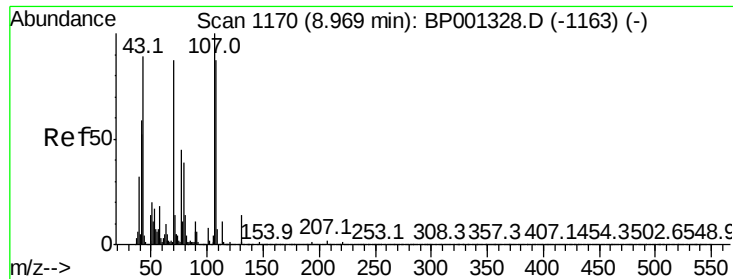
mohammad
12/27/2019 3:18:09 PM



#18
Hexachloroethane
Concen: 42.785 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	75.8	113.6	
201	103.6	77.8	116.6	





#19

n-Nitroso-di-n-propylamine

Concen: 45.169 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BP001424.D

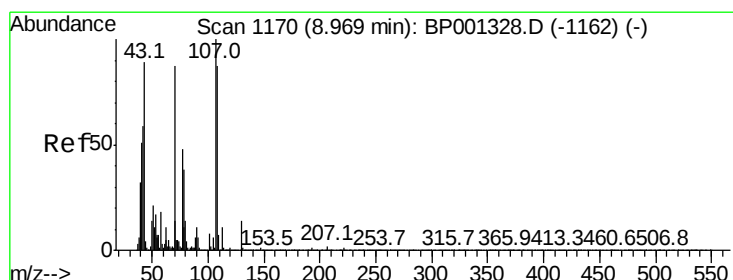
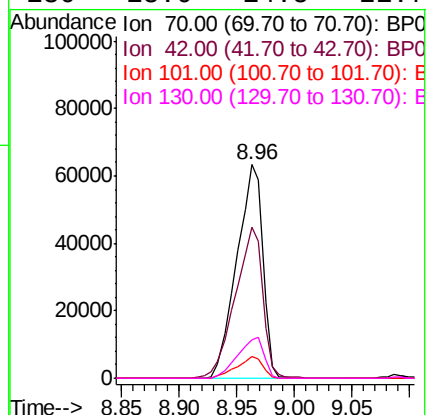
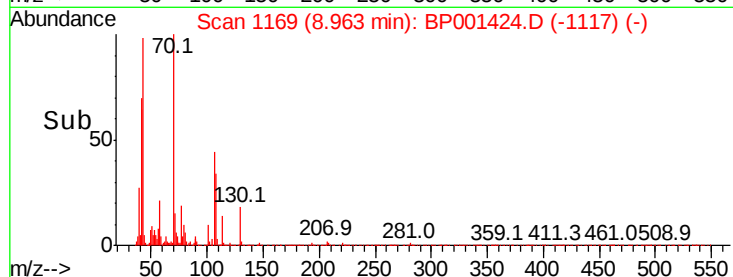
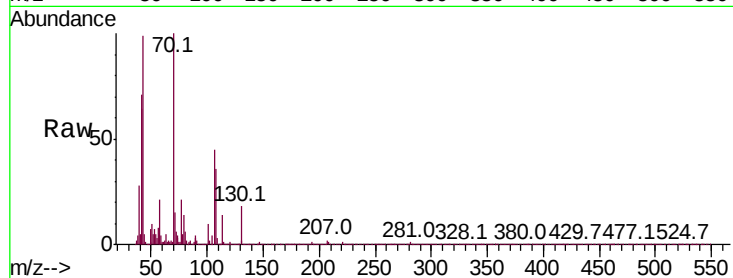
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.5	55.8	83.8
101	10.0	8.2	12.2
130	18.0	14.5	21.7

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#20

3+4-Methylphenols

Concen: 50.798 ng

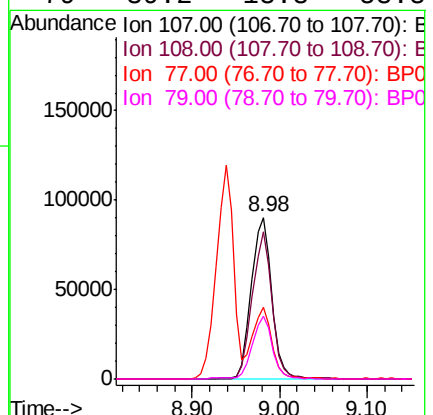
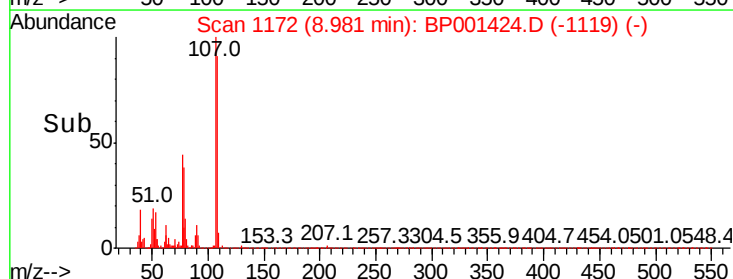
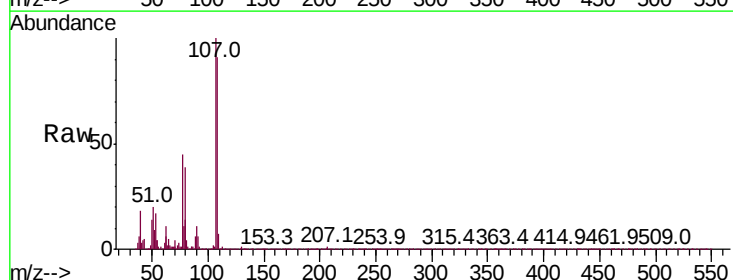
RT: 8.98 min Scan# 1172

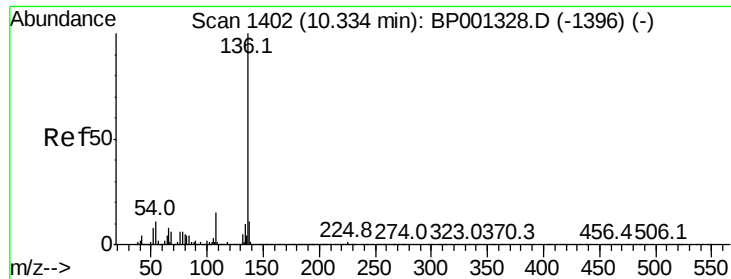
Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	70.4	110.4
77	44.7	24.5	64.5
79	39.2	18.8	58.8





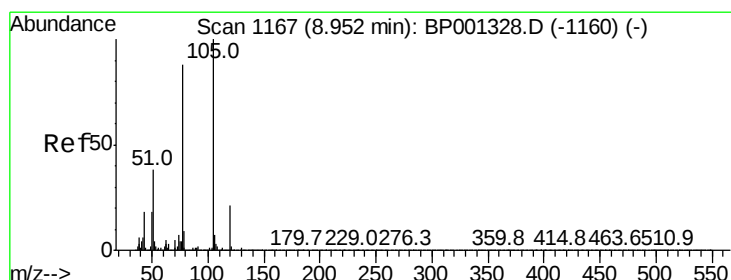
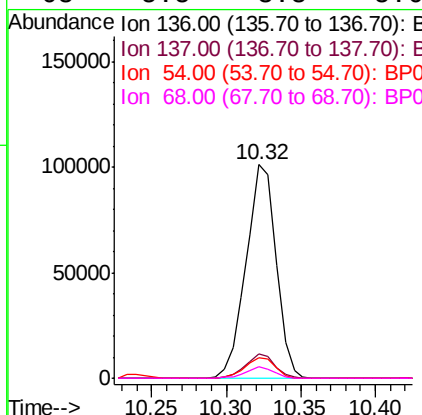
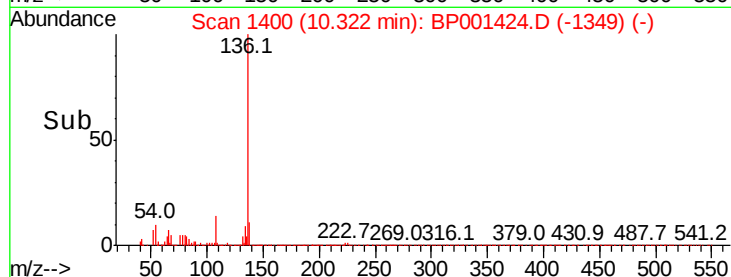
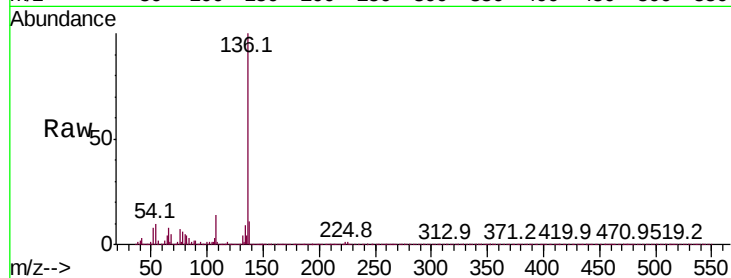
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.0	13.4	
54	9.7	7.3	10.9	
68	5.5	3.8	5.6	

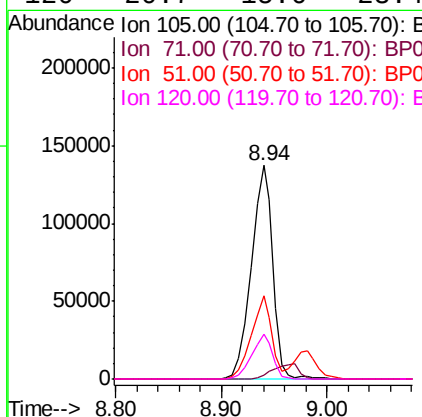
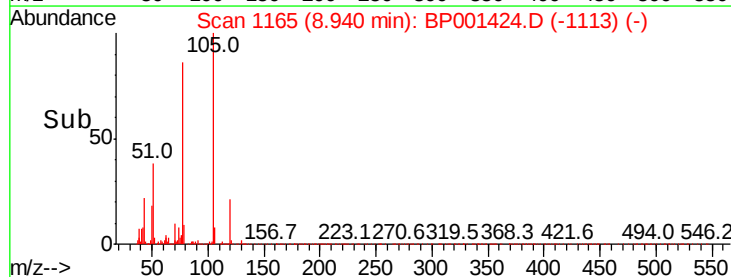
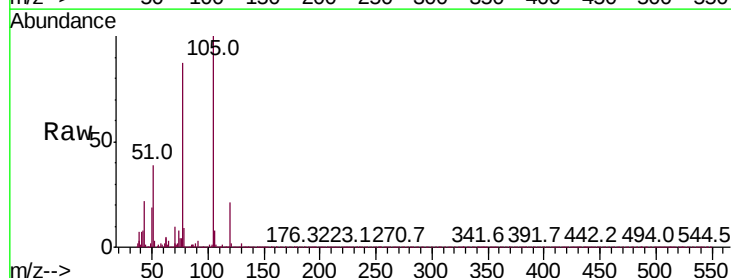
Manual Integrations
APPROVED

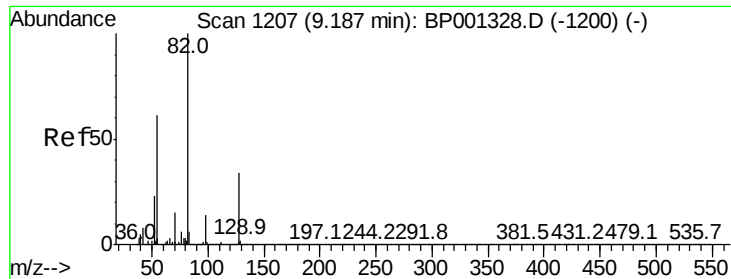
mohammad
12/27/2019 3:18:09 PM



#22
Acetophenone
Concen: 43.714 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.5	0.2	0.4	
51	38.9	29.8	44.6	
120	20.7	15.6	23.4	





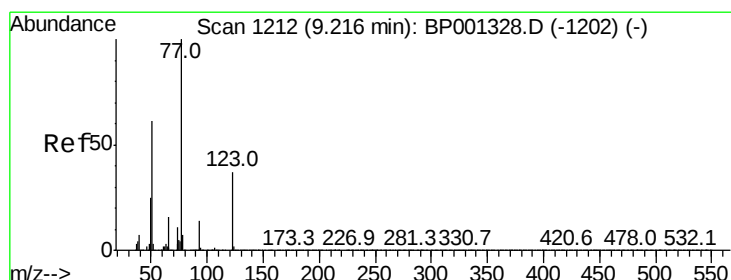
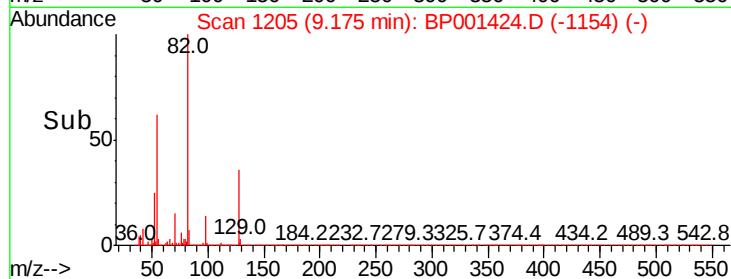
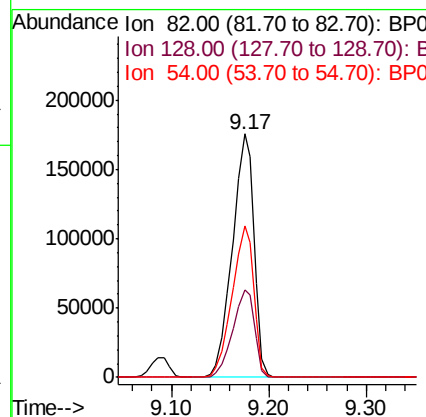
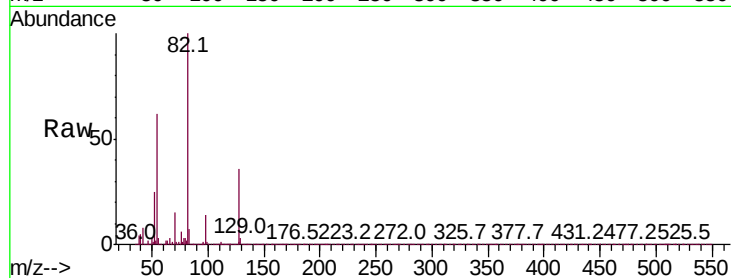
#23
Nitrobenzene-d5
Concen: 73.589 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	269119		
128	36.0		27.4	41.0
54	62.4		47.5	71.3

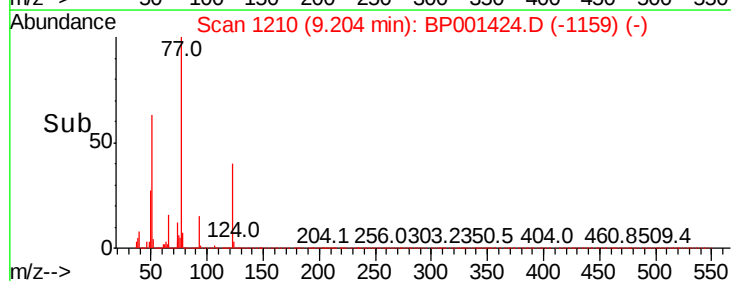
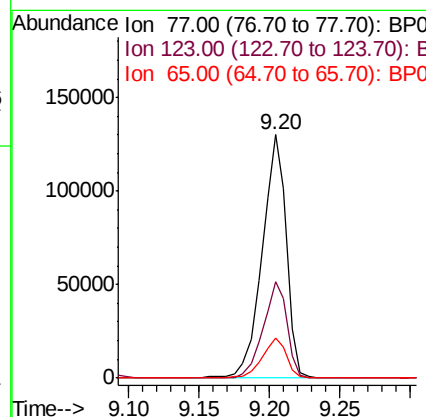
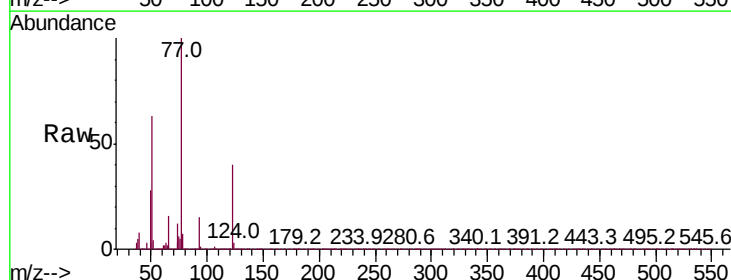
Manual Integrations
APPROVED

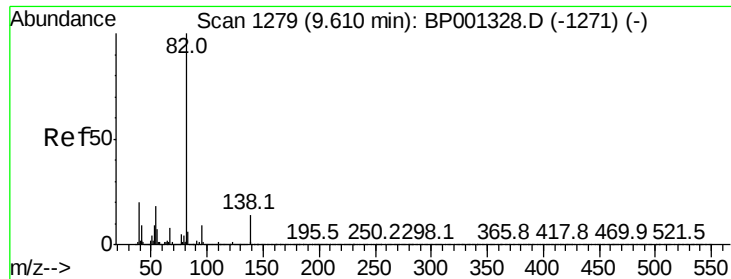
mohammad
12/27/2019 3:18:09 PM



#24
Nitrobenzene
Concen: 43.420 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	156284		
123	39.5		30.9	46.3
65	16.5		13.0	19.4





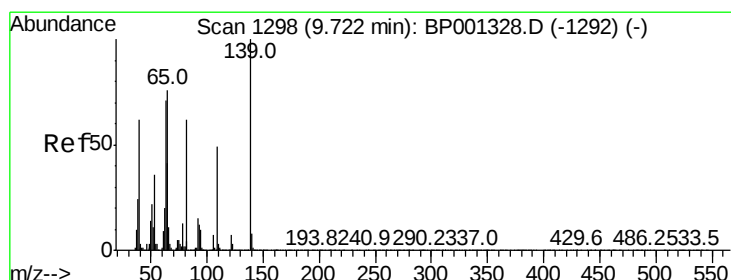
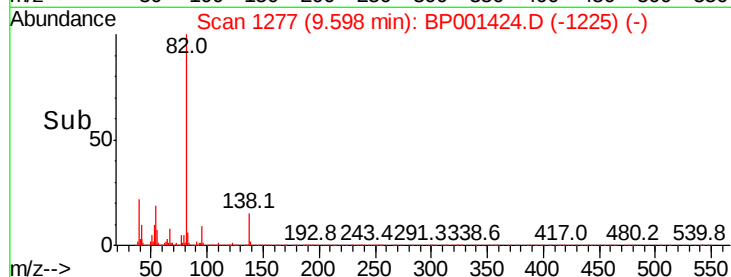
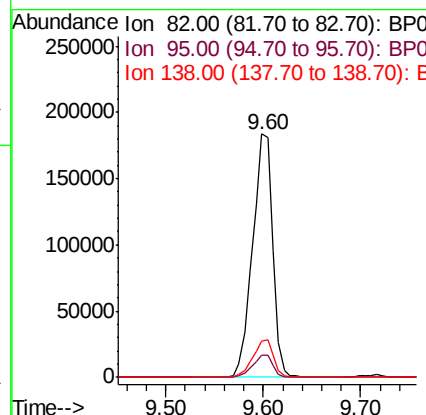
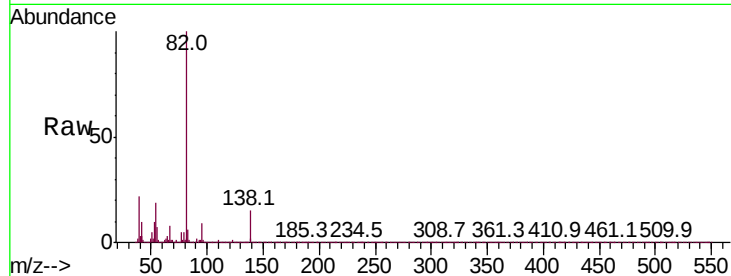
#25
Isophorone
Concen: 45.357 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	9.3	7.3	10.9
138	14.8	11.9	17.9

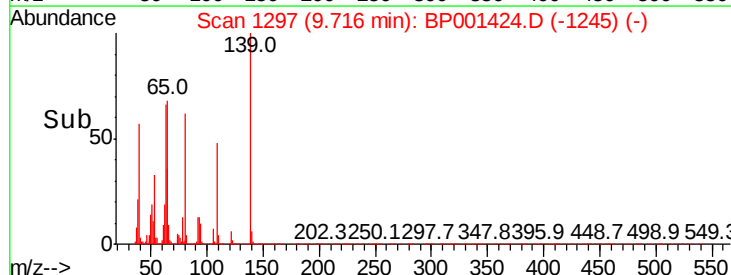
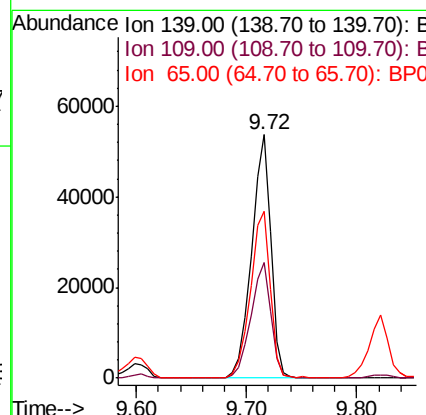
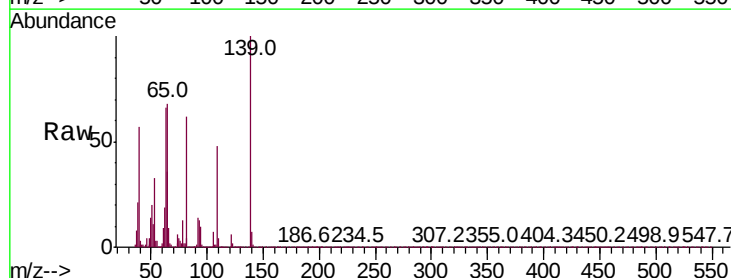
Manual Integrations
APPROVED

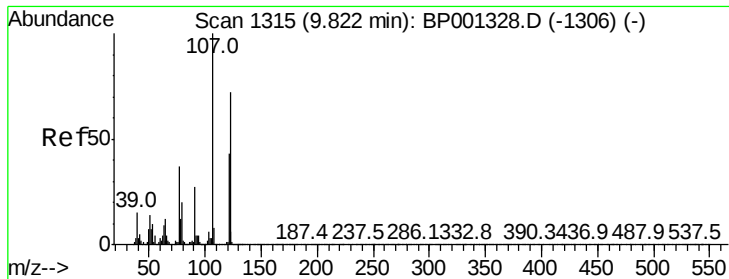
mohammad
12/27/2019 3:18:09 PM



#26
2-Nitrophenol
Concen: 51.358 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	47.5	40.5	60.7
65	68.3	56.2	84.4





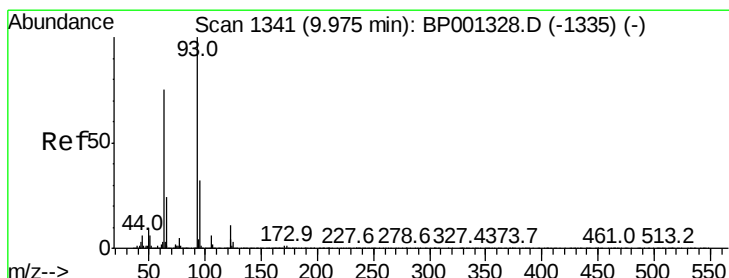
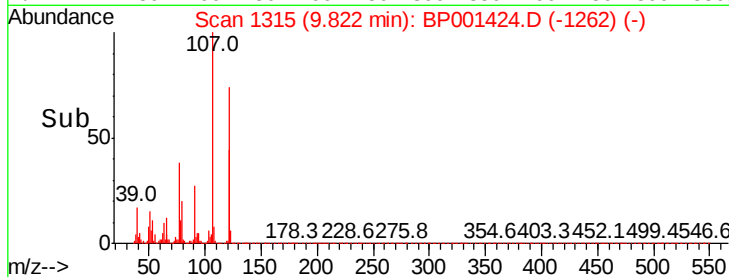
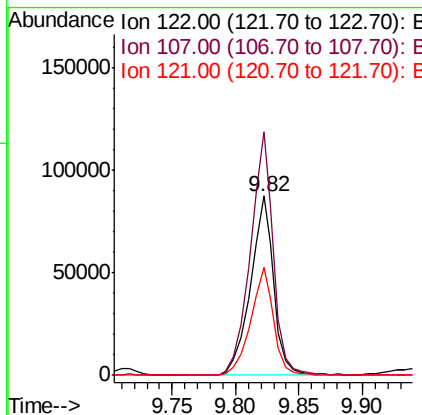
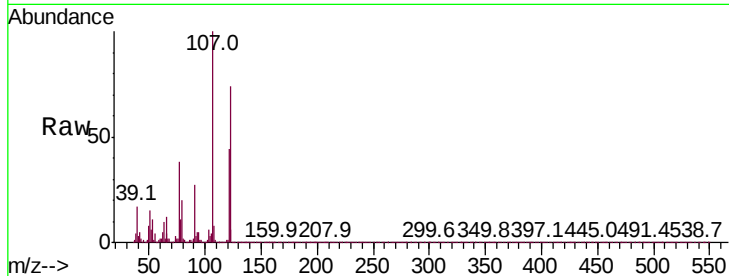
#27
2,4-Dimethylphenol
Concen: 58.995 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.8	106.5	159.7
121	60.0	47.1	70.7

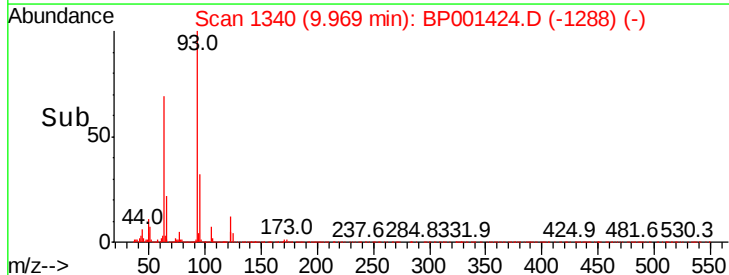
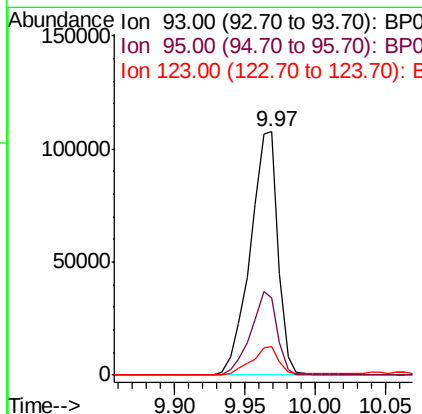
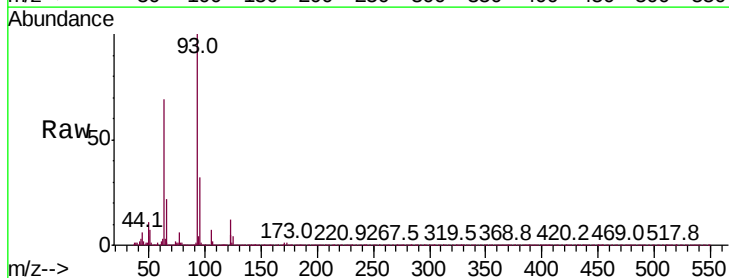
Manual Integrations
APPROVED

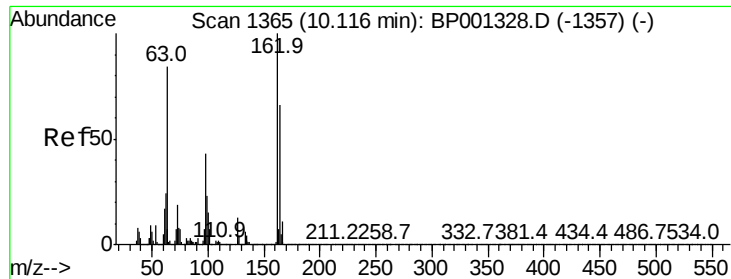
mohammad
12/27/2019 3:18:09 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.234 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.3	39.5
123	11.7	9.0	13.6





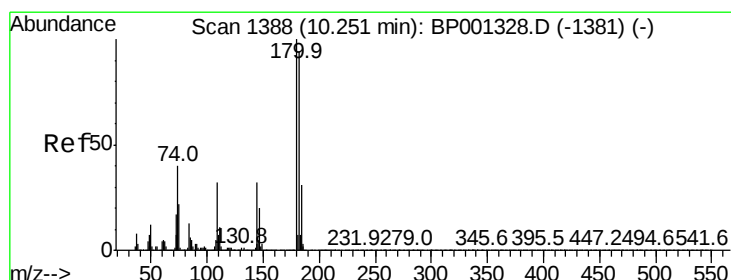
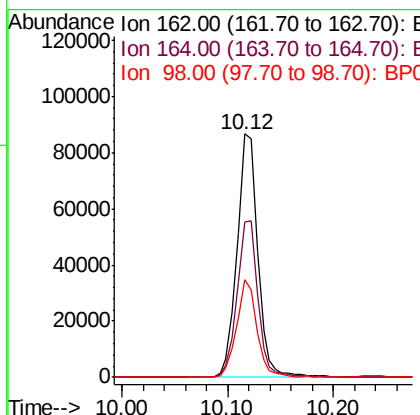
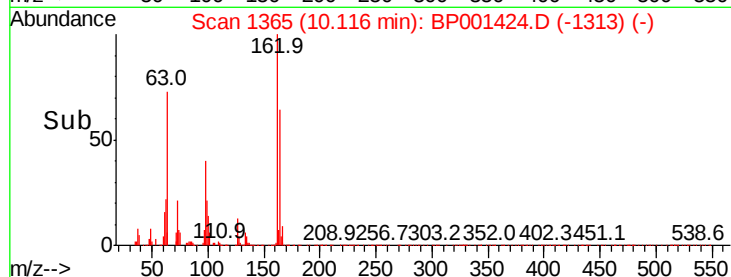
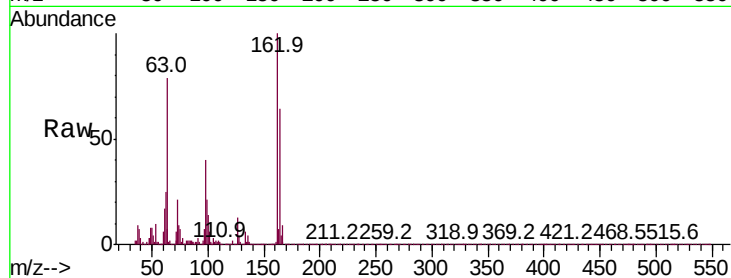
#29
2,4-Dichlorophenol
Concen: 50.084 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	117067		
164	63.9	44.8	84.8	
98	40.2	18.5	58.5	

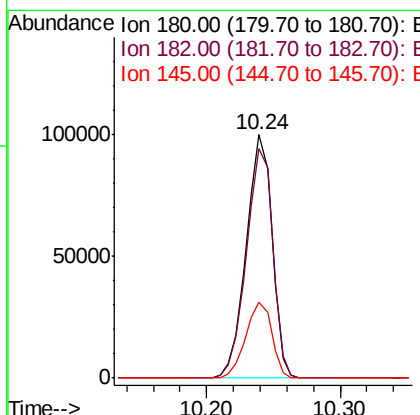
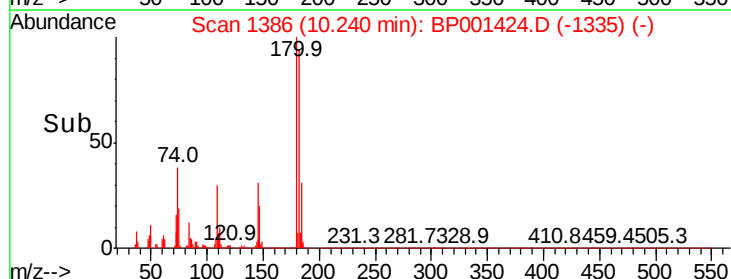
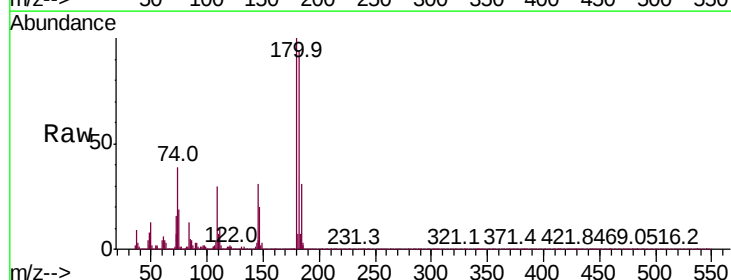
Manual Integrations
APPROVED

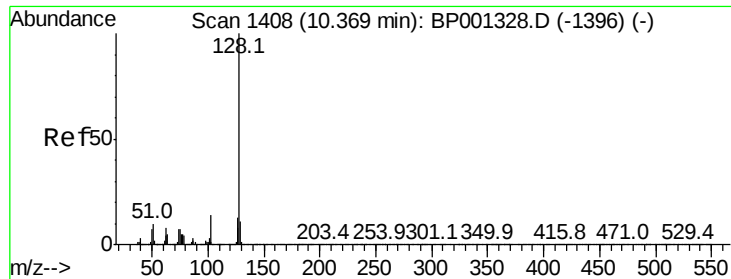
mohammad
12/27/2019 3:18:09 PM



#30
1,2,4-Trichlorobenzene
Concen: 46.147 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	132678		
182	94.5	79.3	118.9	
145	31.1	23.1	34.7	





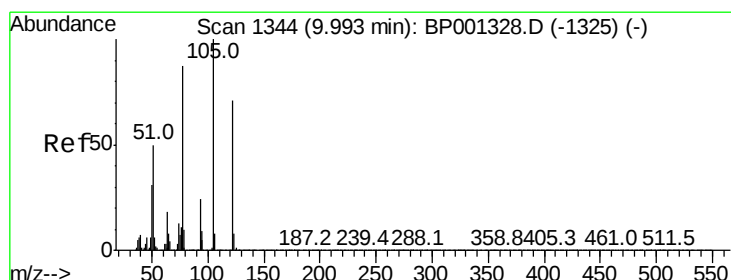
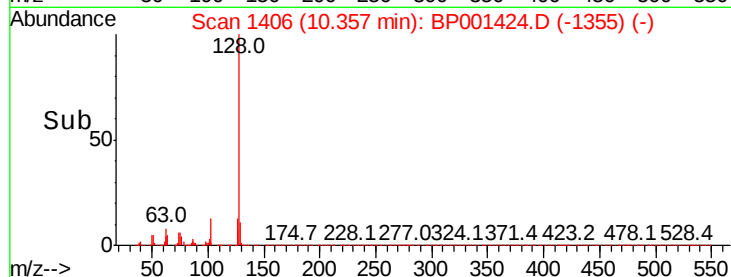
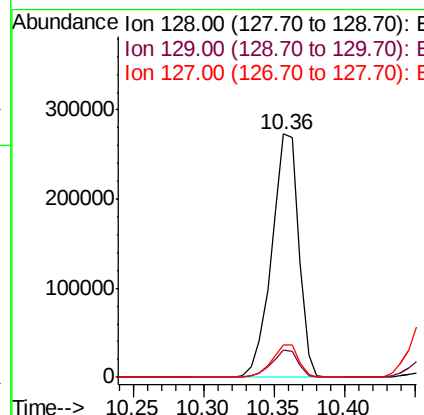
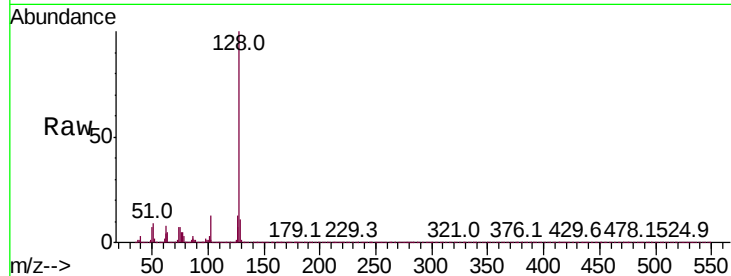
#31
Naphthalene
Concen: 47.886 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	367088		
129	11.1	8.6	12.8	
127	13.3	11.0	16.6	

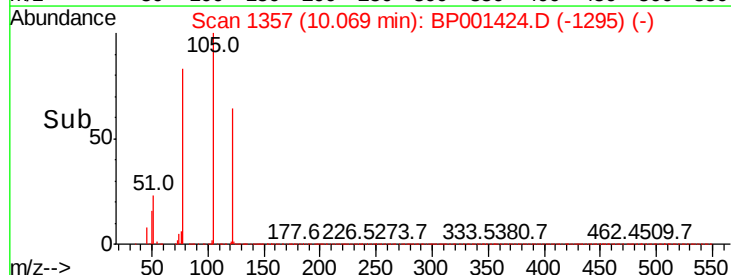
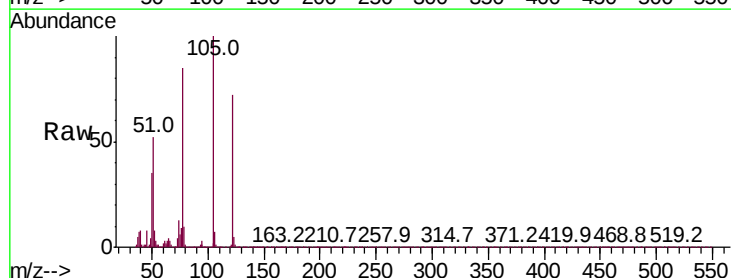
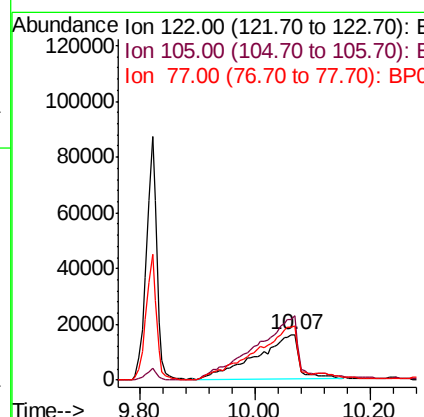
Manual Integrations
APPROVED

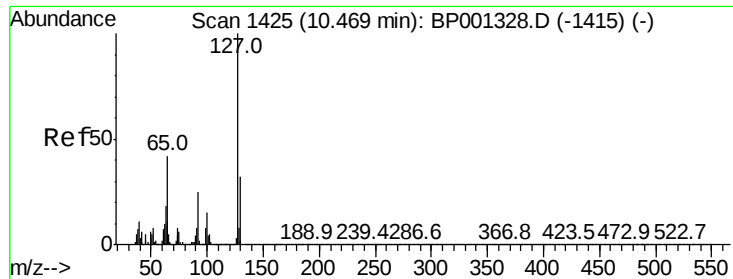
mohammad
12/27/2019 3:18:09 PM



#32
Benzoic acid
Concen: 54.965 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.06 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	85133		
105	139.4	117.8	157.8	
77	118.7	85.6	125.6	





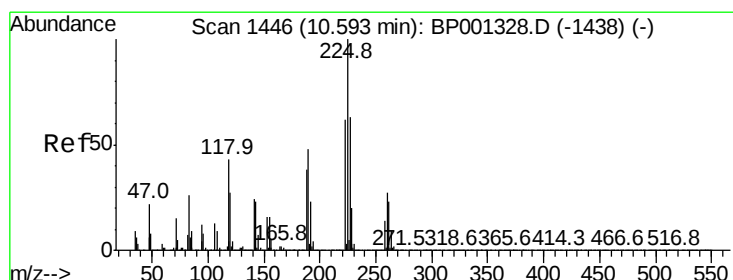
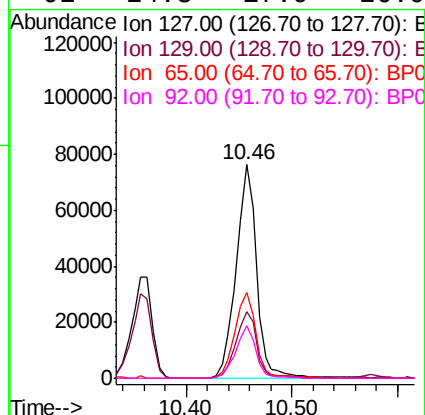
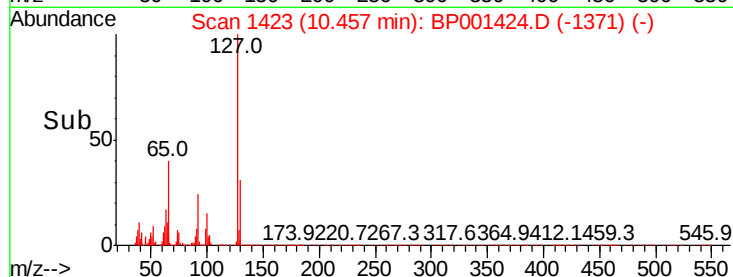
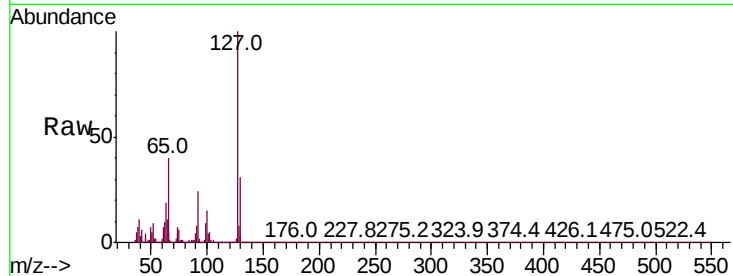
#33
4-Chloroaniline
Concen: 32.497 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.8	38.8		
65	40.3	33.9	50.9		
92	24.3	17.9	26.9		

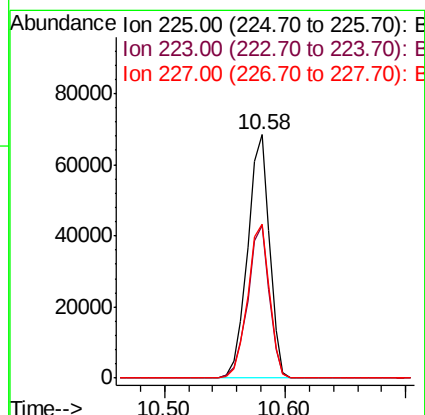
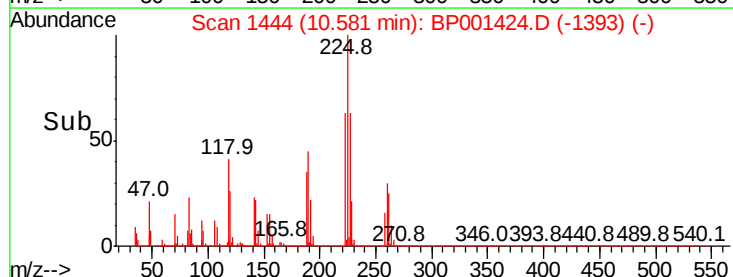
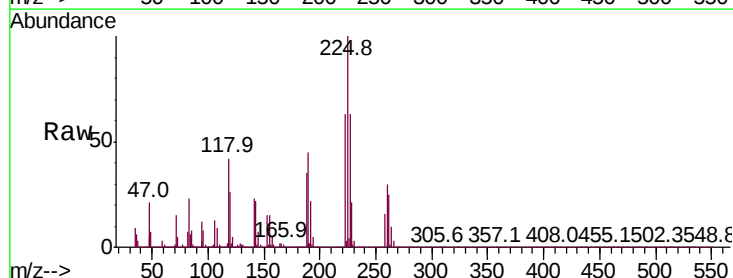
Manual Integrations
APPROVED

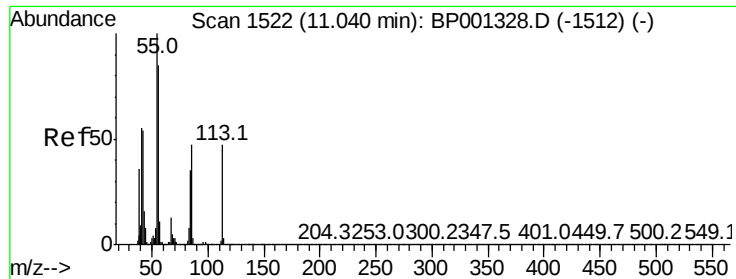
mohammad
12/27/2019 3:18:09 PM



#34
Hexachlorobutadiene
Concen: 43.036 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	51.4	77.0		
227	63.2	57.0	85.4		





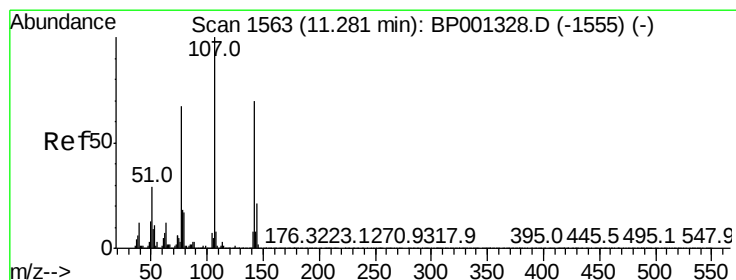
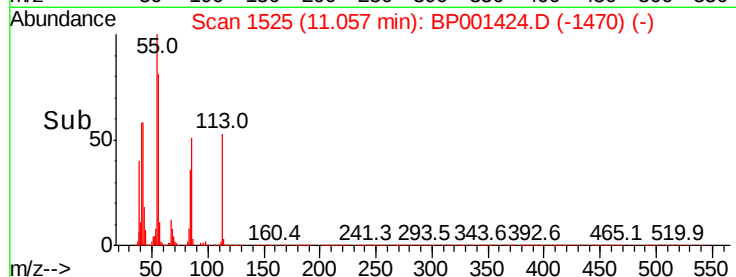
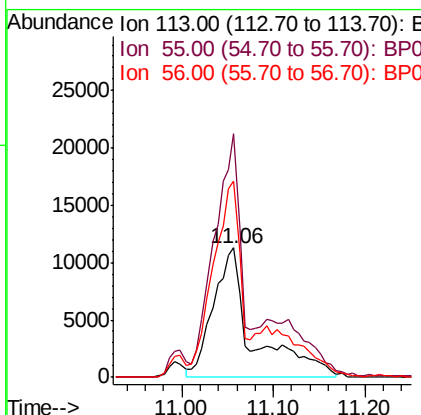
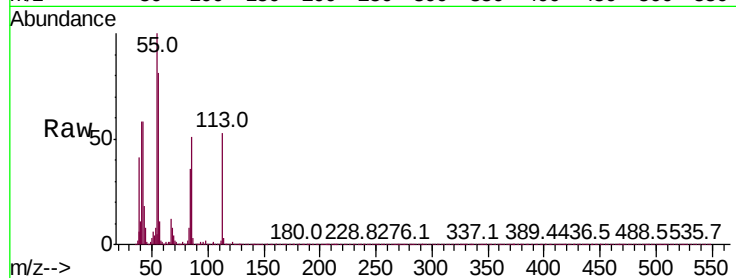
#35
 Caprolactam
 Concen: 48.779 ng/ml
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.02 min
 Lab File: BP001424.D
 Acq: 26 Dec 2019 16:26

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

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	187.8	164.2	204.2	
56	151.5	130.8	170.8	

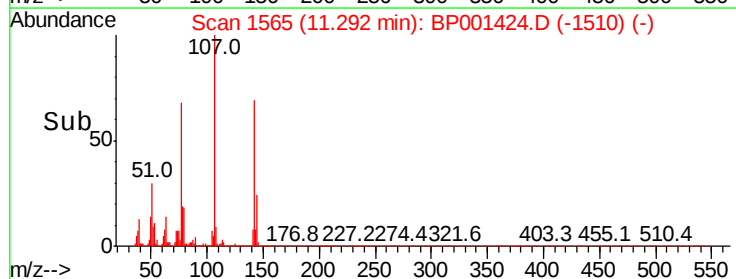
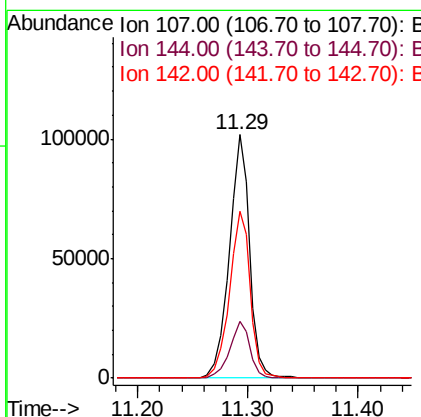
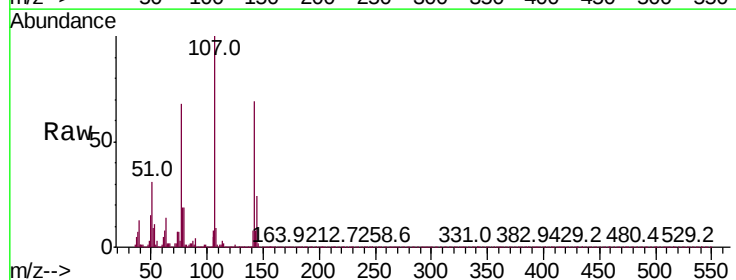
Manual Integrations
 APPROVED

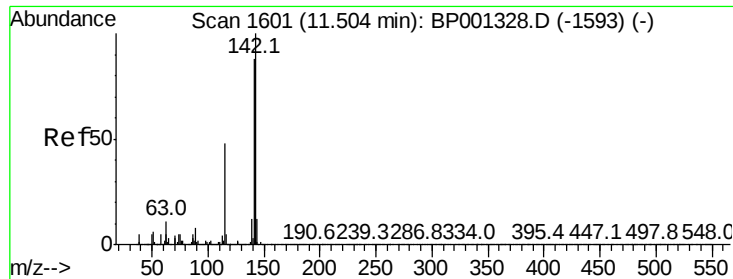
mohammad
 12/27/2019 3:18:09 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.941 ng/ml
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.02 min
 Lab File: BP001424.D
 Acq: 26 Dec 2019 16:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.6	17.8	26.8	
142	68.6	56.2	84.4	





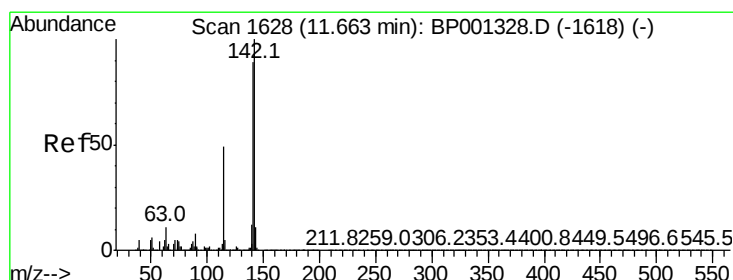
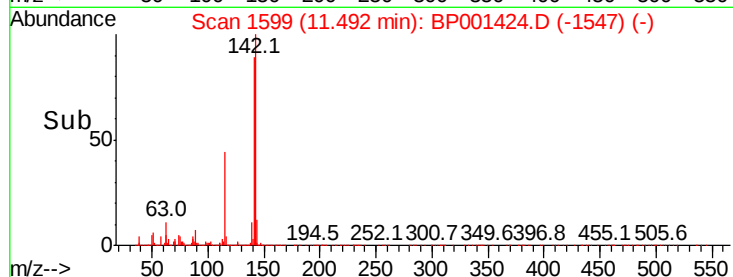
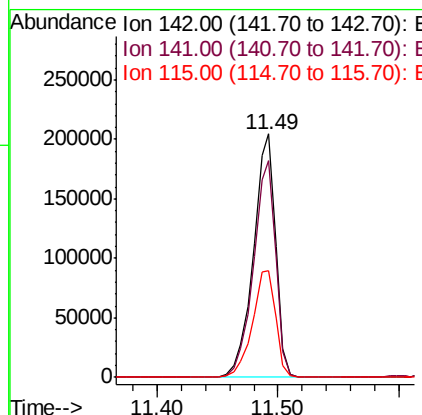
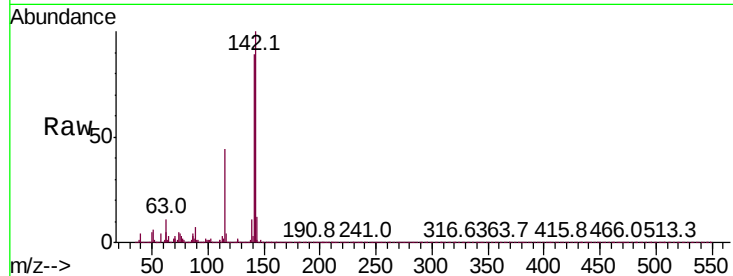
#37
2-Methylnaphthalene
Concen: 49.479 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	261856		
141	89.0	70.2	105.2	
115	43.9	37.0	55.4	

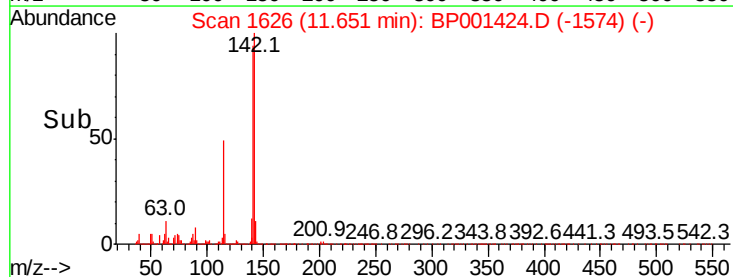
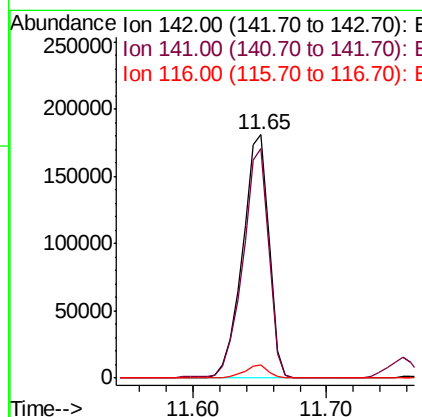
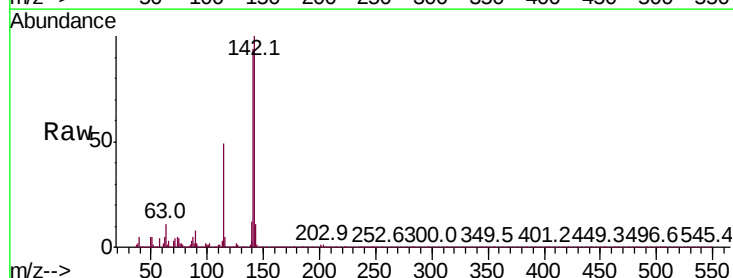
Manual Integrations
APPROVED

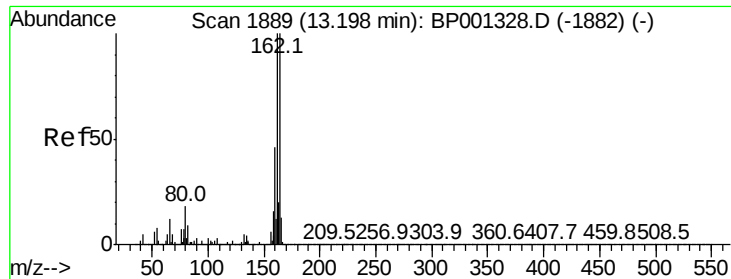
mohammad
12/27/2019 3:18:09 PM



#38
1-Methylnaphthalene
Concen: 49.453 ng
RT: 11.65 min Scan# 1626
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	246056		
141	94.0	72.9	109.3	
116	5.2	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: BP001424.D

Acq: 26 Dec 2019 16:26

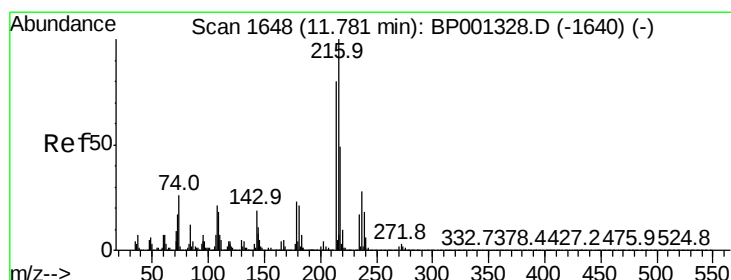
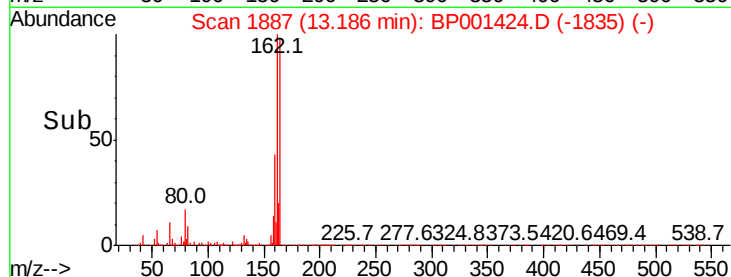
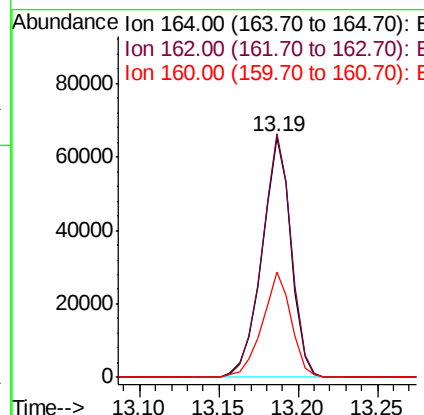
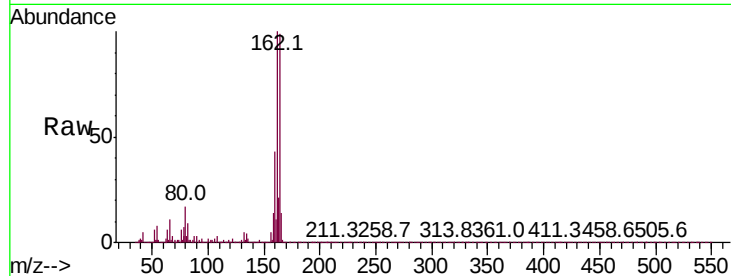
Instrument :
BNA_P

ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.2	117.4
160	43.8	35.1	52.7

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.408 ng

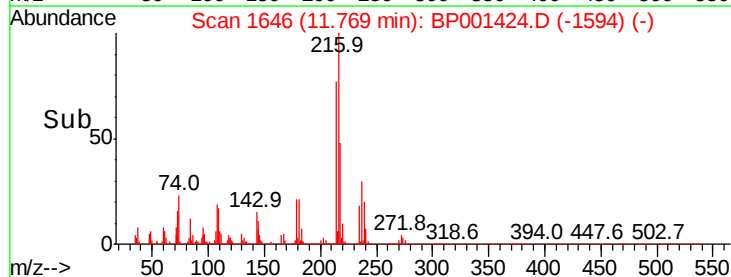
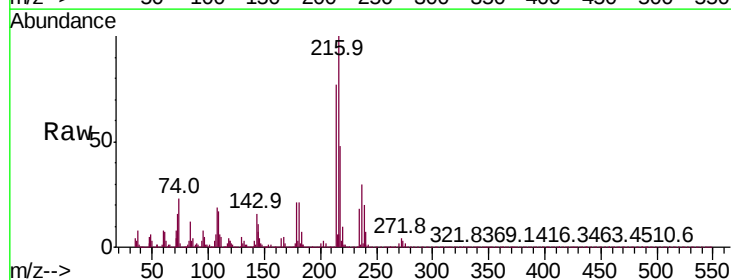
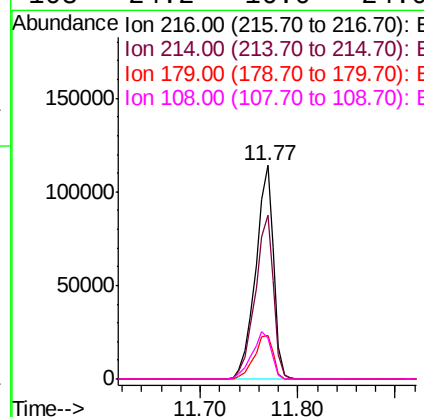
RT: 11.77 min Scan# 1646

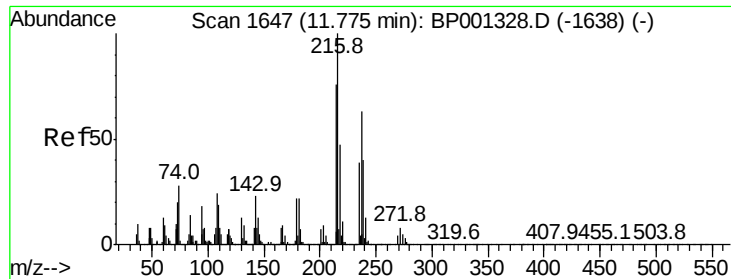
Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.1	93.1
179	22.2	17.1	25.7
108	24.2	16.0	24.0#





#41

Hexachlorocyclopentadiene

Concen: 93.897 ng

RT: 11.76 min Scan# 1644

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

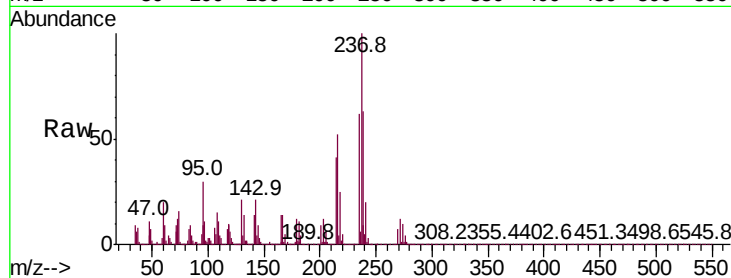
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	237	Resp:	143391
Ion Ratio	Lower	Upper	
237	100		
235	62.5	42.8	82.8
272	11.7	0.0	33.0

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM

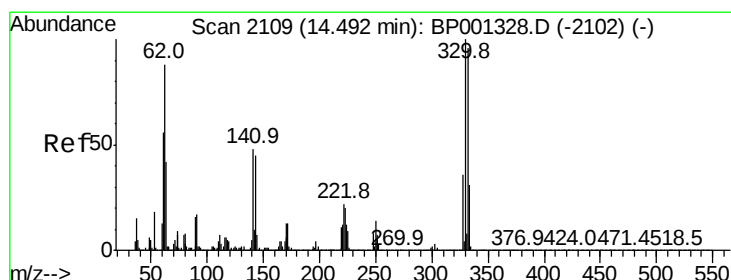
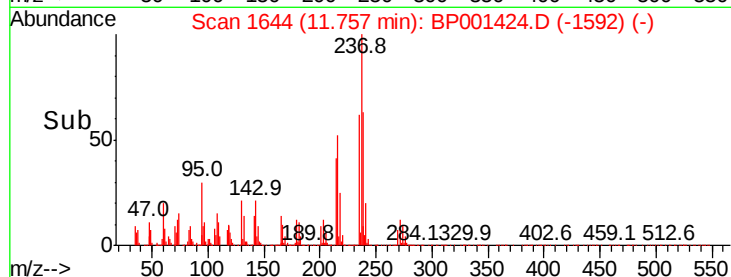
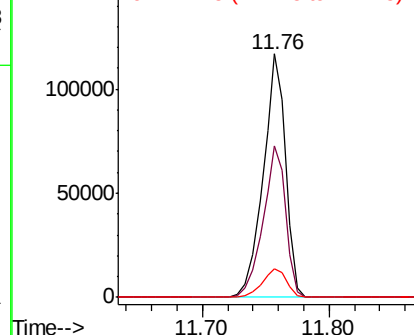


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 125.273 ng

RT: 14.49 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

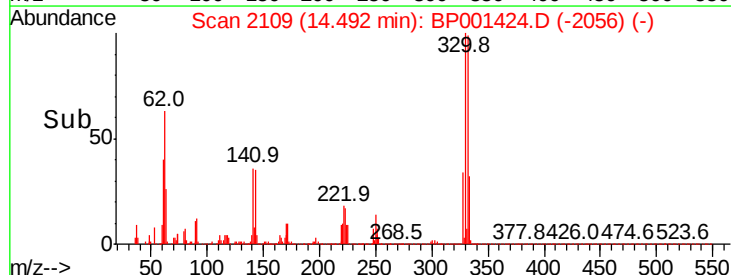
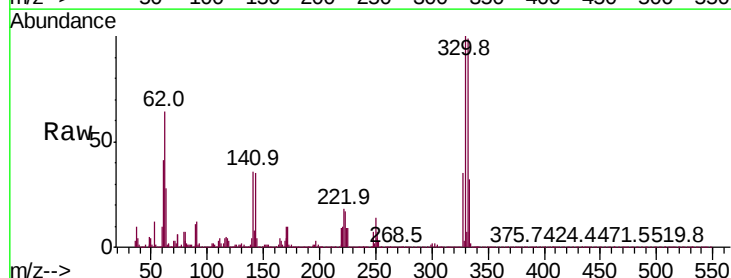
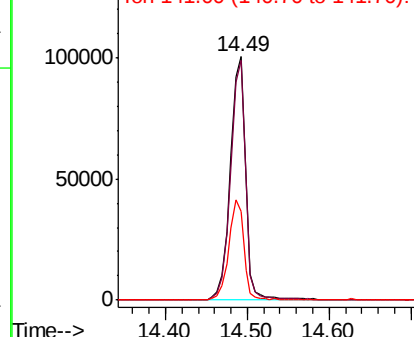
Tgt Ion:	330	Resp:	130785
Ion Ratio	Lower	Upper	
330	100		
332	96.4	78.3	117.5
141	41.3	26.8	40.2

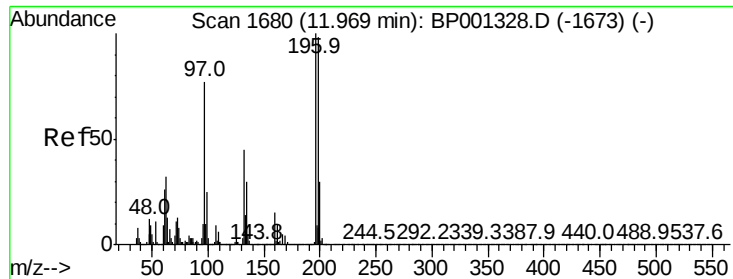
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





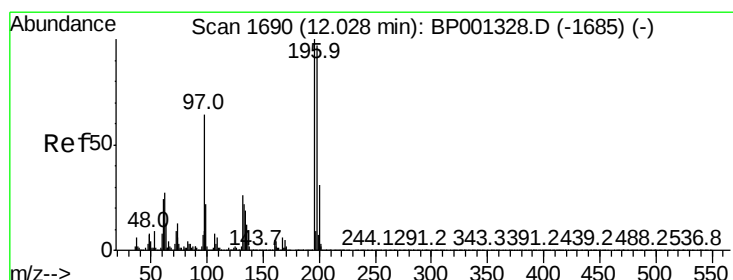
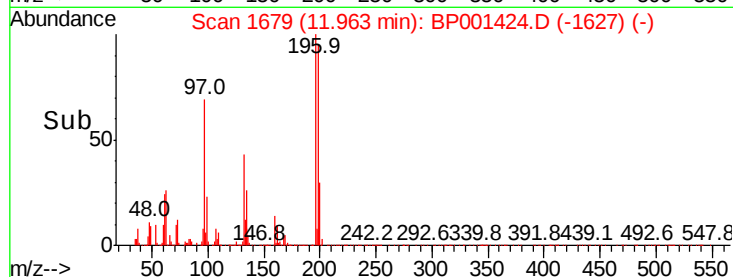
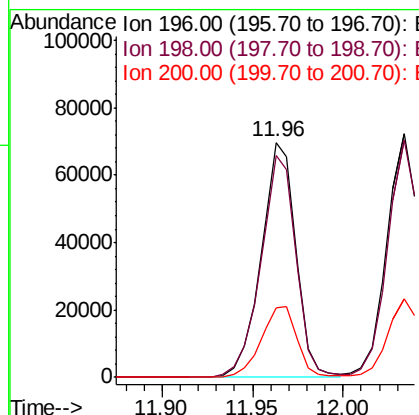
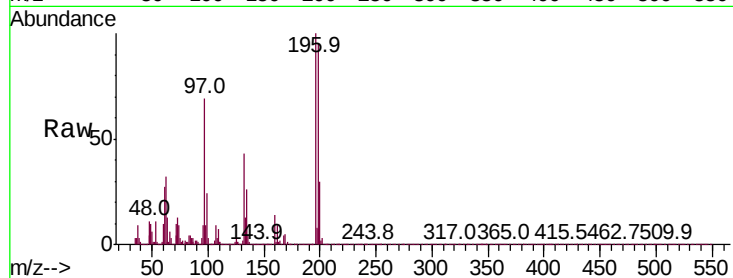
#43
2,4,6-Trichlorophenol
Concen: 48.749 ng
RT: 11.96 min Scan# 1679
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	92568		
198	94.7	77.2	115.8	
200	29.6	25.9	38.9	

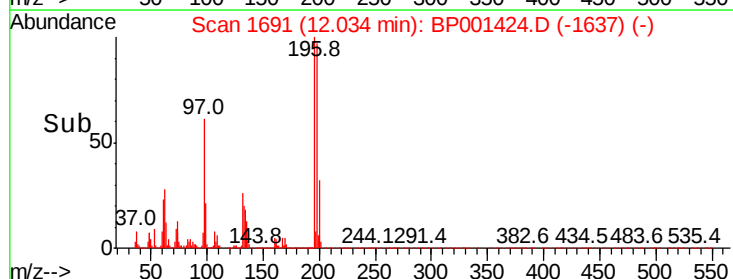
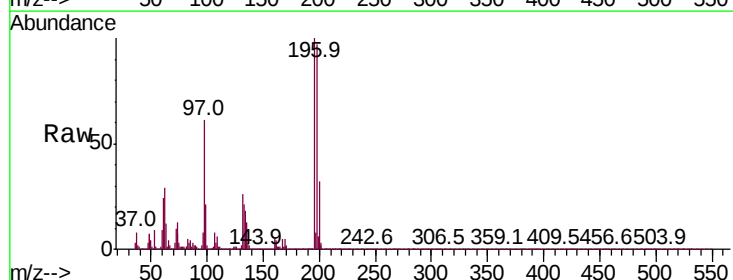
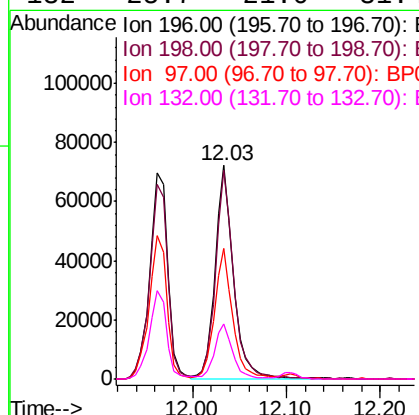
Manual Integrations
APPROVED

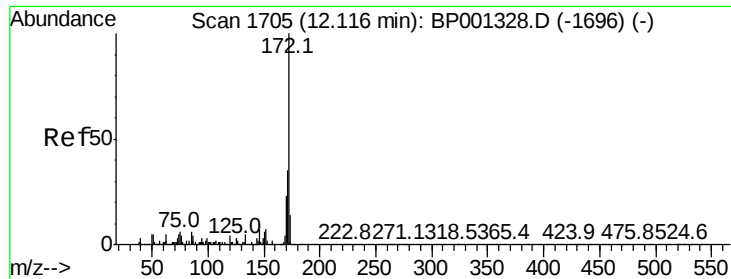
mohammad
12/27/2019 3:18:09 PM



#44
2,4,5-Trichlorophenol
Concen: 50.935 ng
RT: 12.03 min Scan# 1691
Delta R.T. 0.02 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	99374		
198	97.5	75.8	113.6	
97	61.0	46.1	69.1	
132	25.7	21.0	31.4	





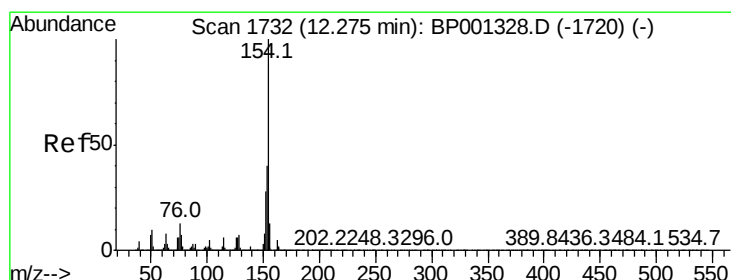
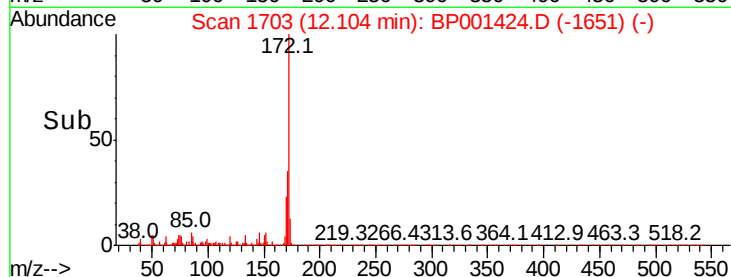
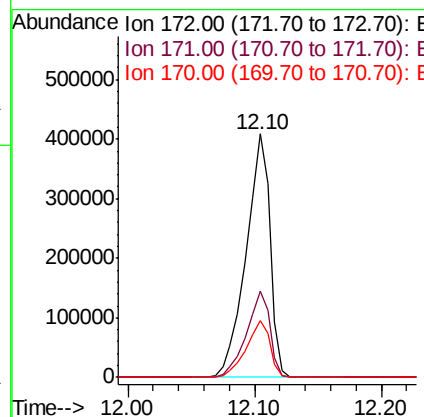
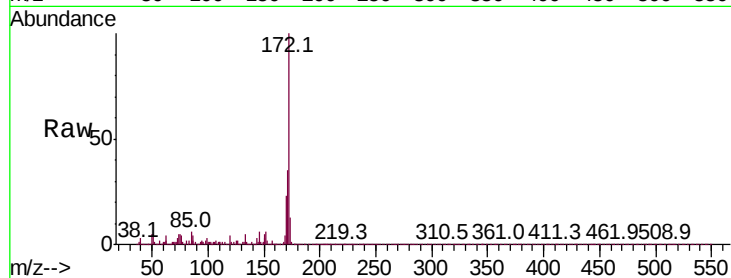
#45
2-Fluorobiphenyl
Concen: 80.746 ng
RT: 12.10 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.4	41.0
170	23.2	18.2	27.4

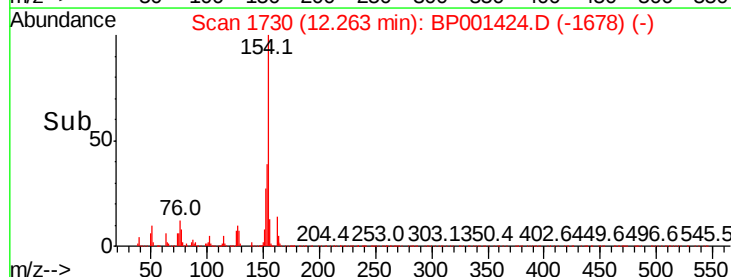
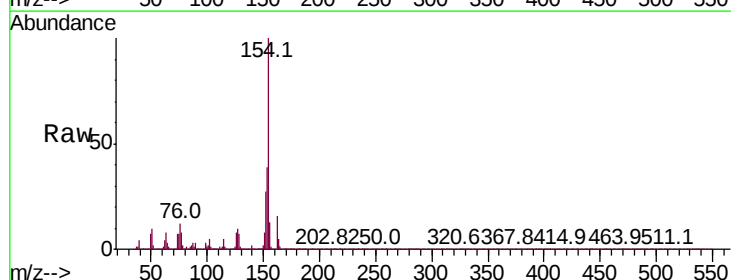
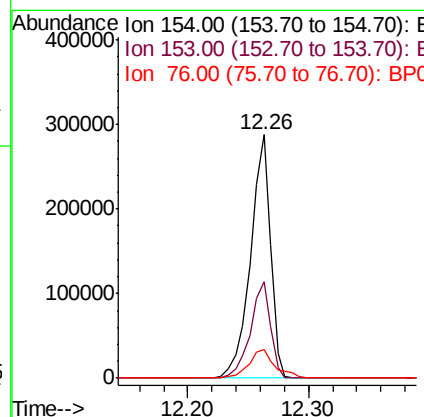
Manual Integrations
APPROVED

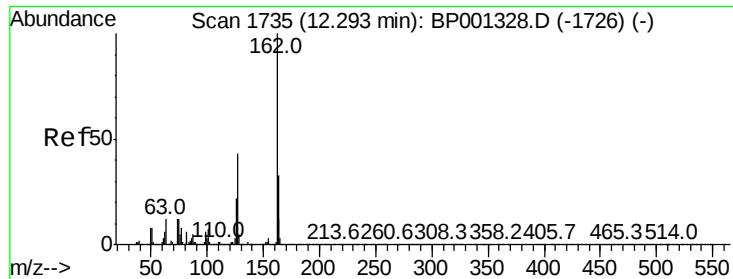
mohammad
12/27/2019 3:18:09 PM



#46
1,1'-Biphenyl
Concen: 47.588 ng
RT: 12.26 min Scan# 1730
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.5	59.5
76	12.0	0.0	31.5





#47

2-Chloronaphthalene

Concen: 46.857 ng

RT: 12.28 min Scan# 1733

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

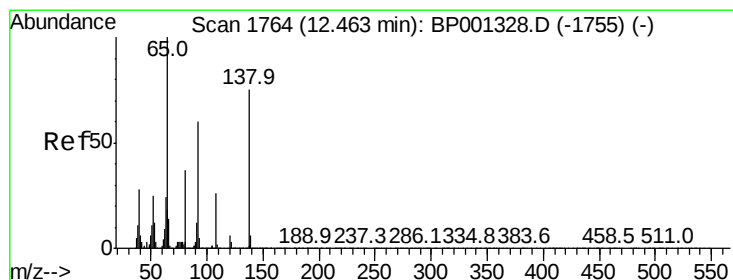
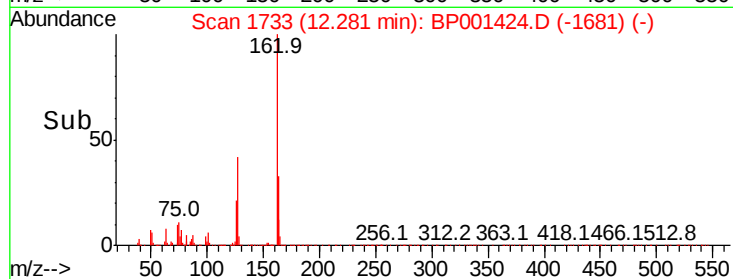
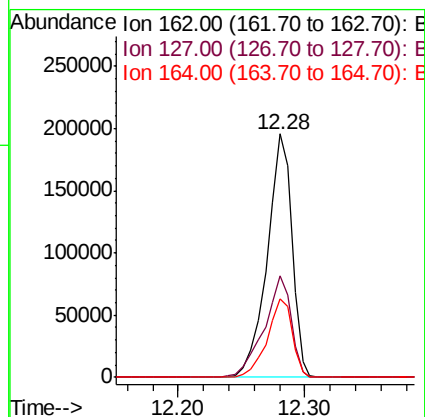
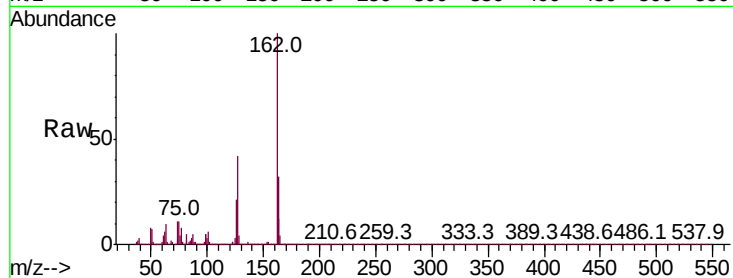
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	162	Resp:	264702
Ion Ratio	Lower	Upper	
162	100		
127	41.7	33.4	50.2
164	32.4	26.0	39.0

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#48

2-Nitroaniline

Concen: 42.443 ng

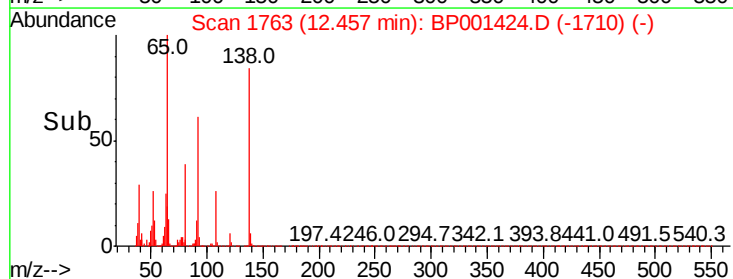
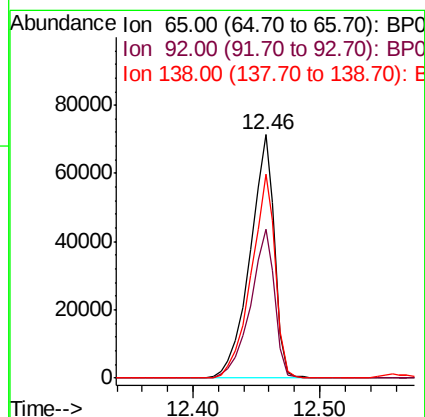
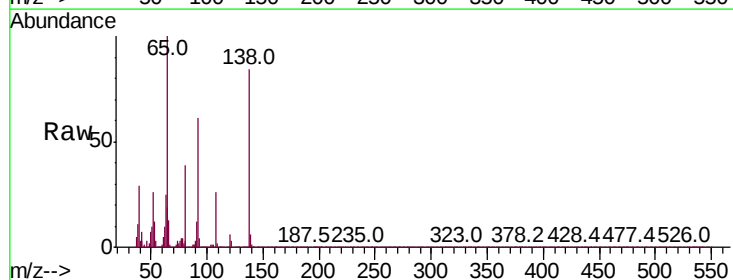
RT: 12.46 min Scan# 1763

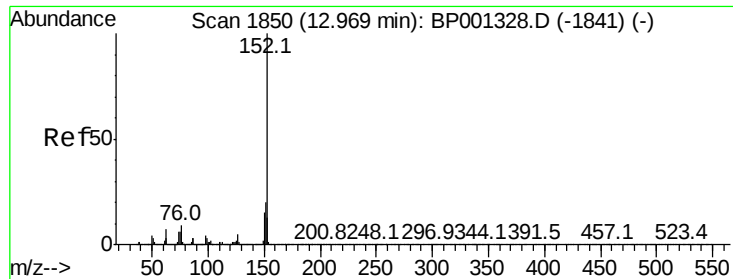
Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	65	Resp:	96010
Ion Ratio	Lower	Upper	
65	100		
92	61.4	48.9	73.3
138	84.0	65.1	97.7





#49

Acenaphthylene

Concen: 49.354 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

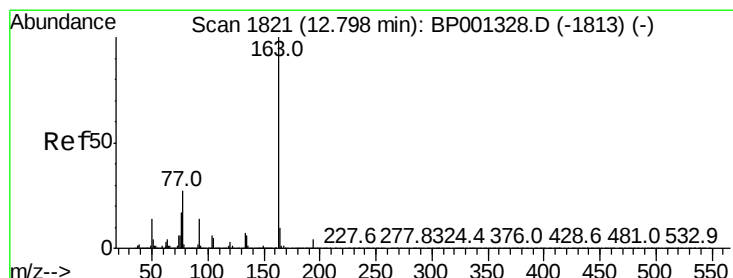
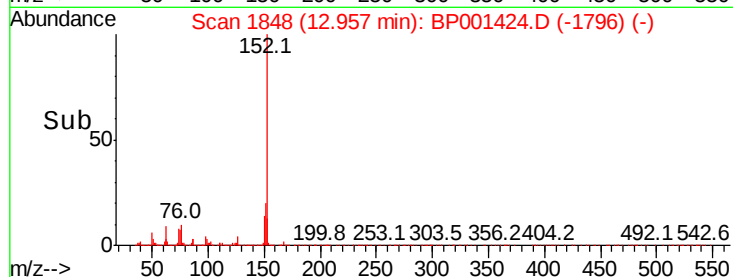
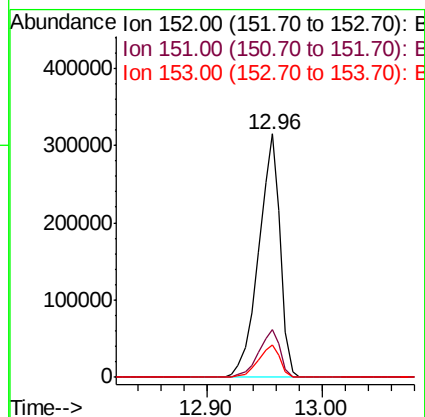
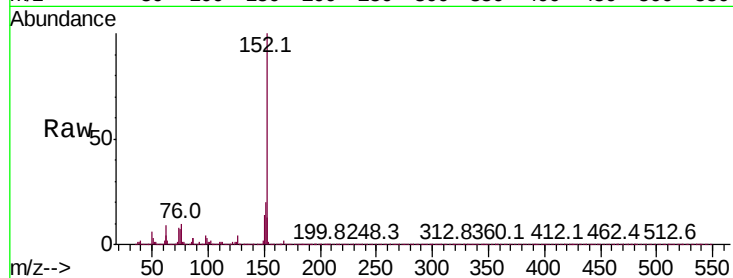
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	152	Resp:	407570
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.6	23.4
153	13.2	10.3	15.5

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#50

Dimethylphthalate

Concen: 48.939 ng

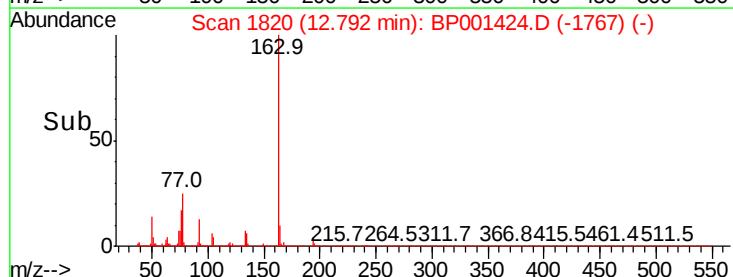
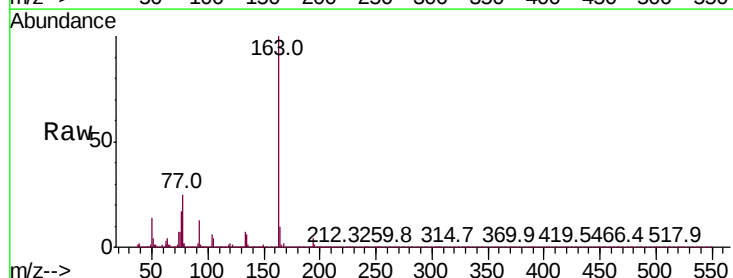
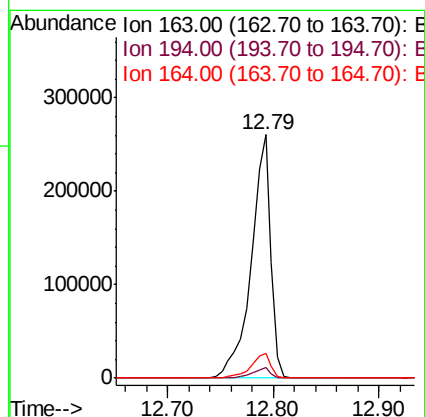
RT: 12.79 min Scan# 1820

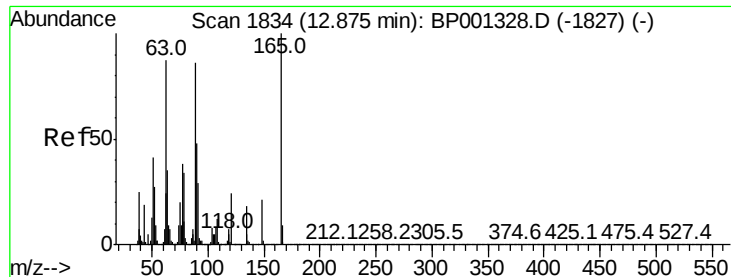
Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	163	Resp:	335263
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	10.2	7.7	11.5





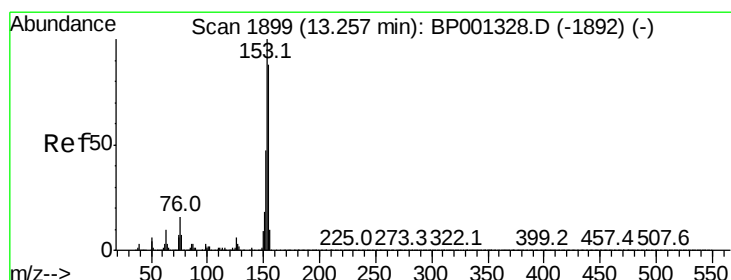
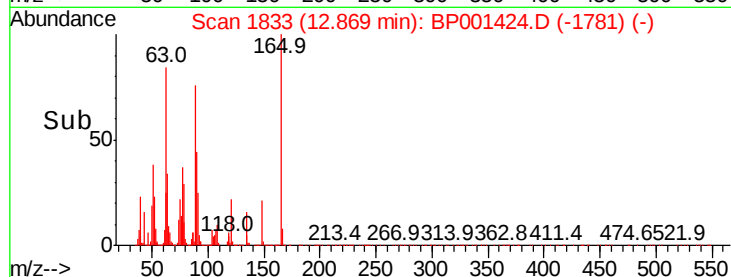
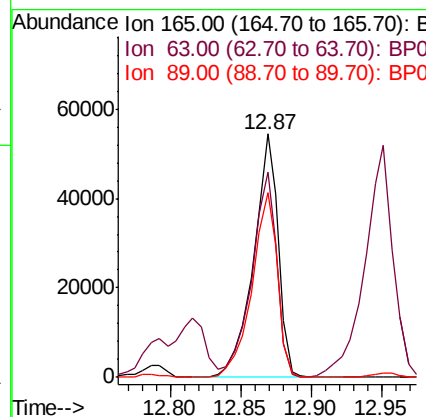
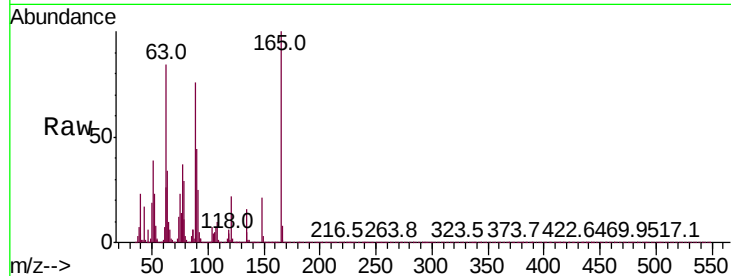
#51
2,6-Dinitrotoluene
Concen: 47.949 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	84.2	60.7	91.1
89	75.9	55.4	83.0

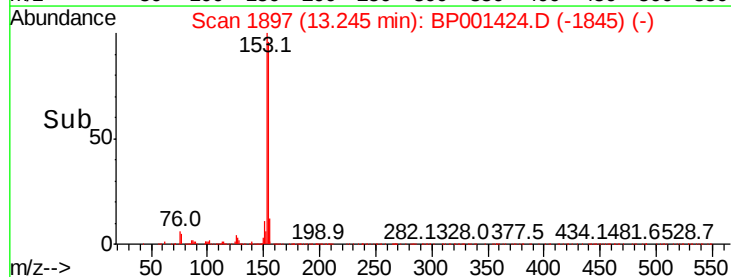
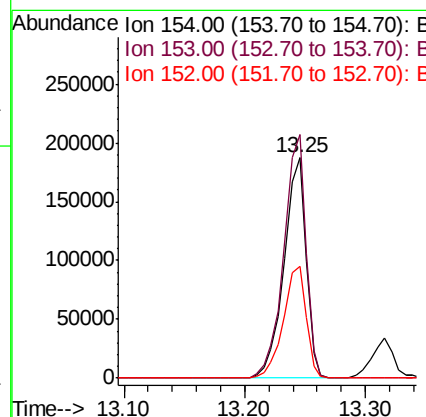
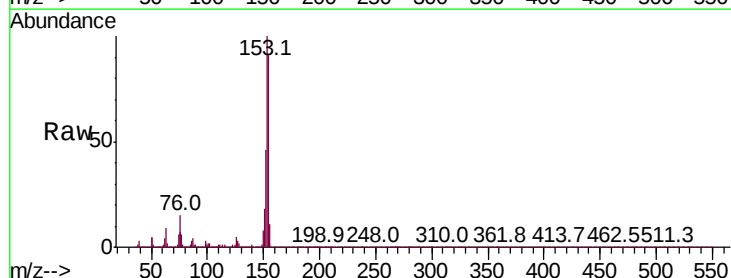
Manual Integrations
APPROVED

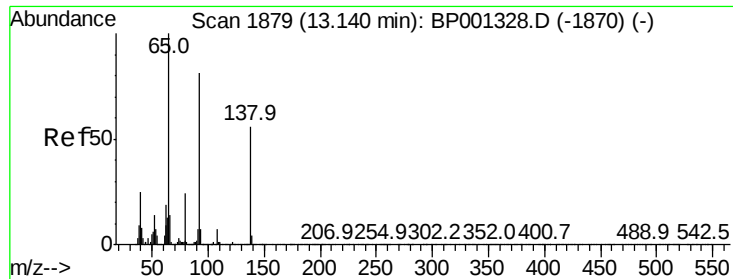
mohammad
12/27/2019 3:18:09 PM



#52
Acenaphthene
Concen: 47.493 ng
RT: 13.25 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	110.5	90.1	135.1
152	50.9	41.8	62.6





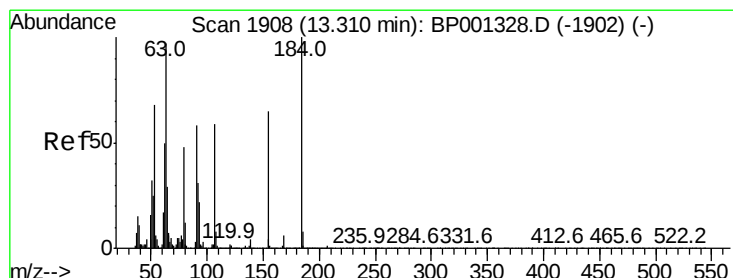
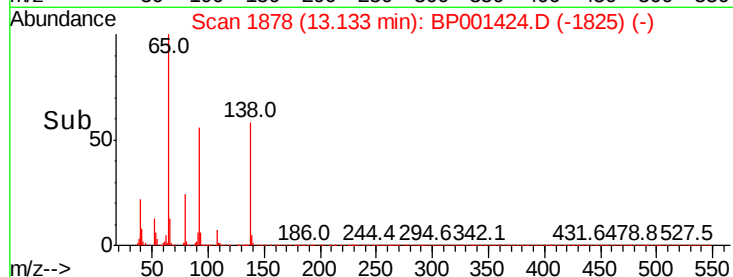
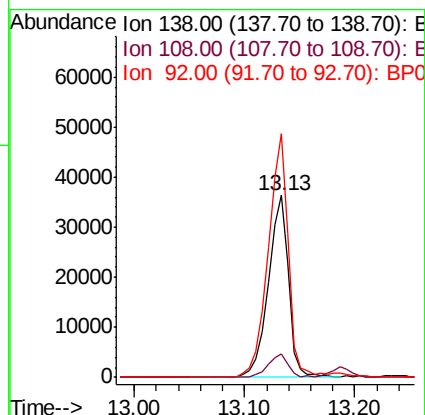
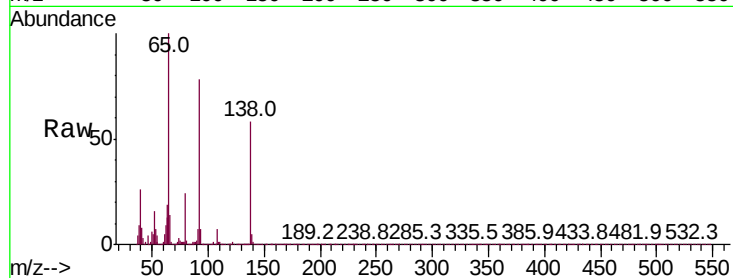
#53
3-Nitroaniline
Concen: 31.293 ng
RT: 13.13 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion:138 Resp: 46722
Ion Ratio Lower Upper
138 100
108 12.9 10.0 15.0
92 134.1 108.8 163.2

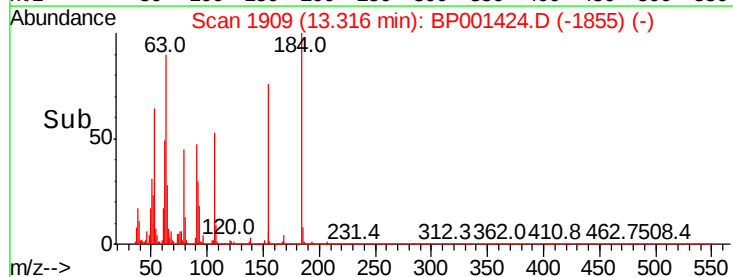
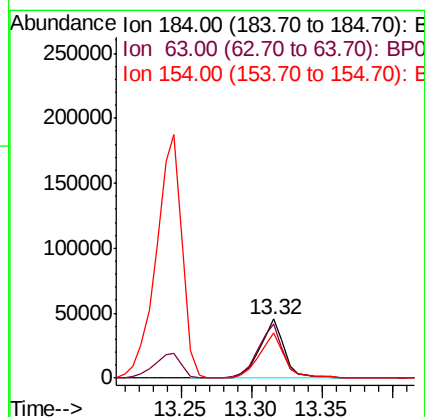
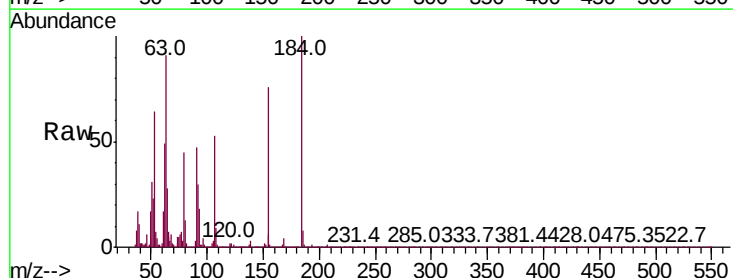
Manual Integrations
APPROVED

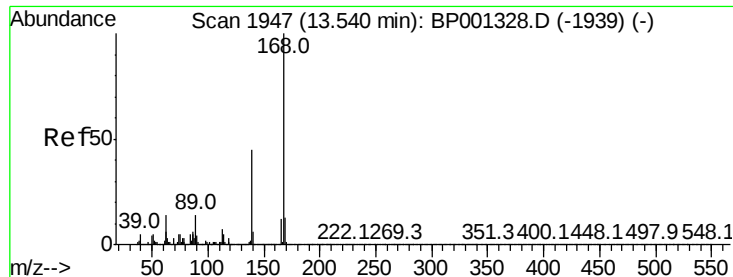
mohammad
12/27/2019 3:18:09 PM



#54
2,4-Dinitrophenol
Concen: 103.357 ng
RT: 13.32 min Scan# 1909
Delta R.T. 0.02 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion:184 Resp: 55517
Ion Ratio Lower Upper
184 100
63 90.5 69.5 104.3
154 75.6 58.5 87.7





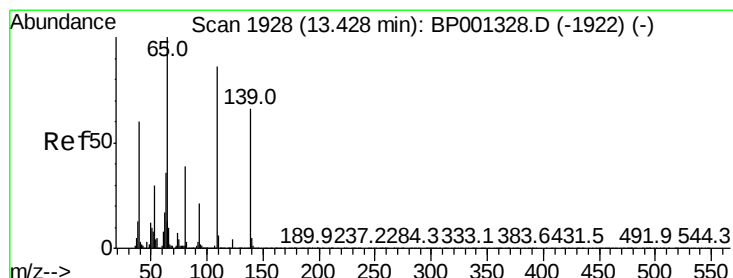
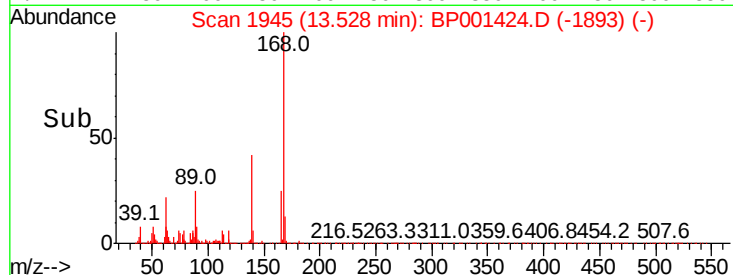
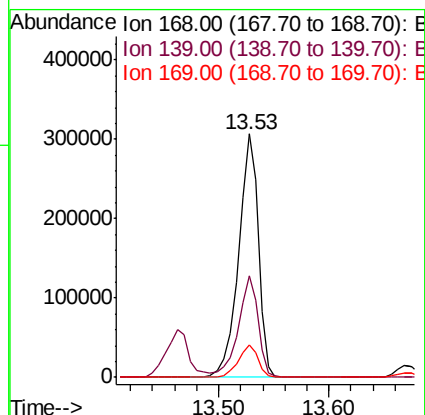
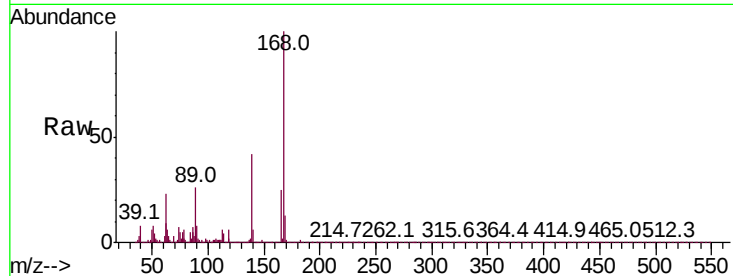
#55
Dibenzofuran
Concen: 49.313 ng
RT: 13.53 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	33.0	49.4
169	13.1	10.6	16.0

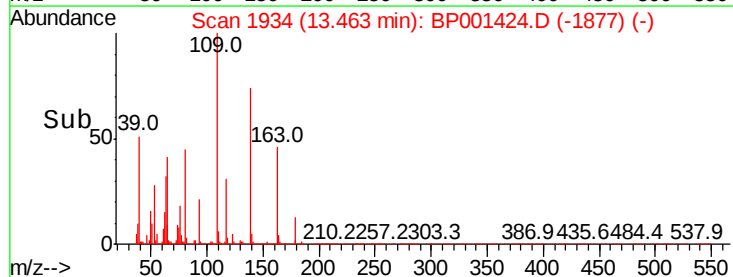
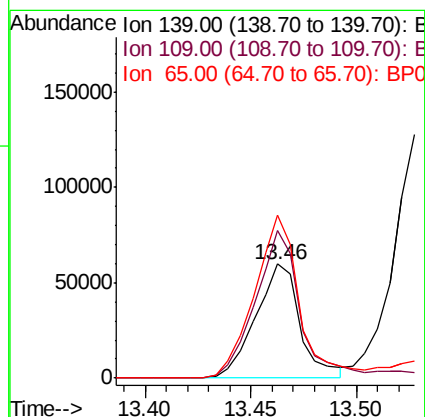
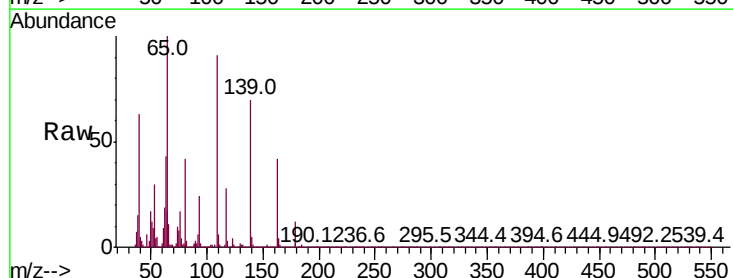
Manual Integrations
APPROVED

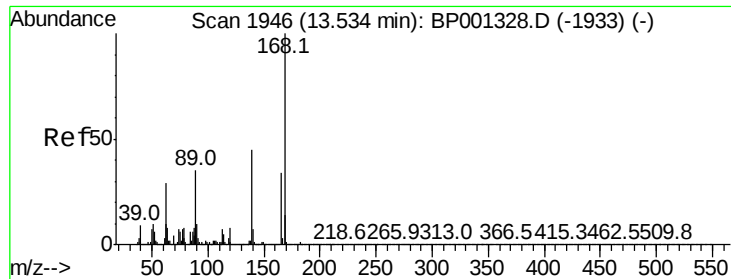
mohammad
12/27/2019 3:18:09 PM



#56
4-Nitrophenol
Concen: 82.118 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.04 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	129.8	99.7	139.7
65	142.4	115.0	155.0





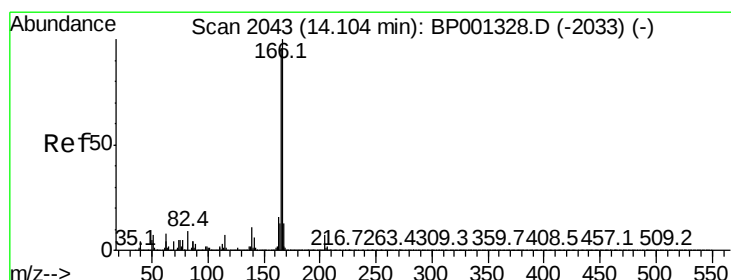
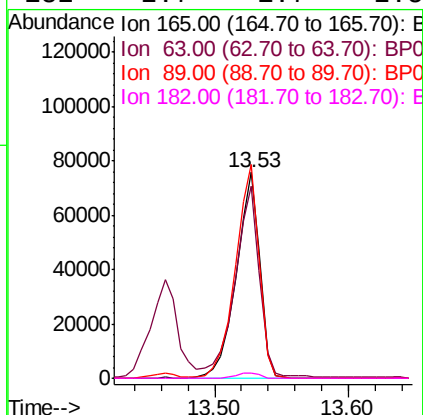
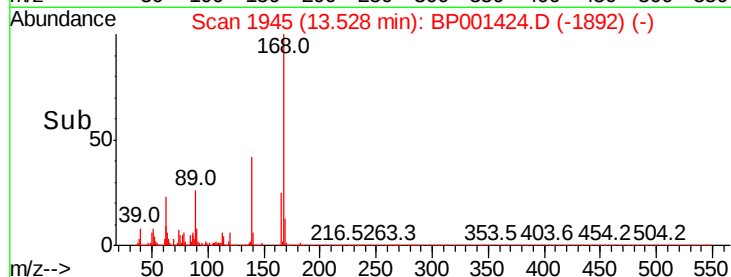
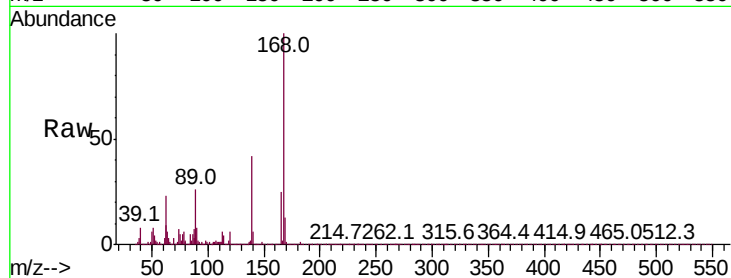
#57
2,4-Dinitrotoluene
Concen: 47.659 ng
RT: 13.53 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	93.2	66.6	100.0
89	103.7	79.5	119.3
182	2.7	1.7	2.5#

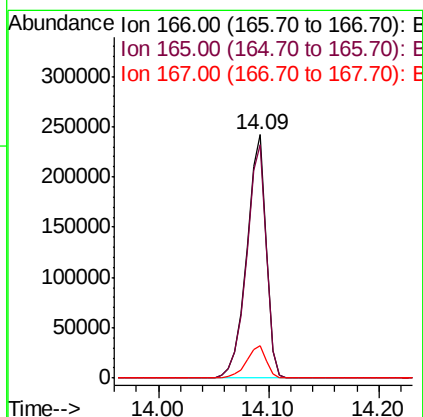
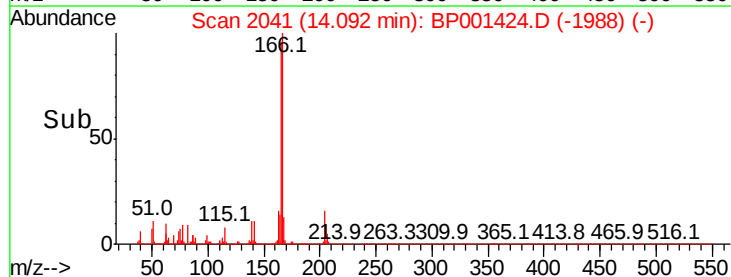
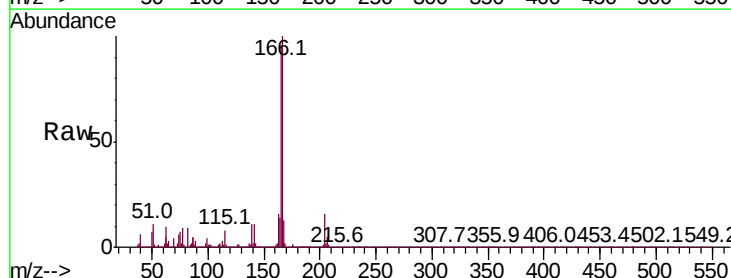
Manual Integrations
APPROVED

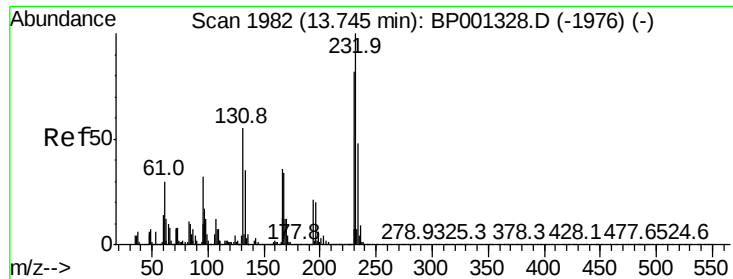
mohammad
12/27/2019 3:18:09 PM



#58
Fluorene
Concen: 47.893 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.6	114.8
167	13.4	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.112 ng

RT: 13.75 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

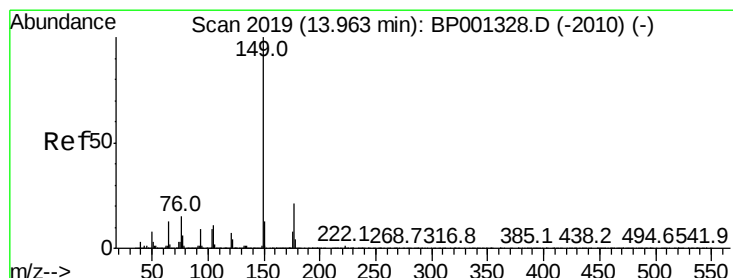
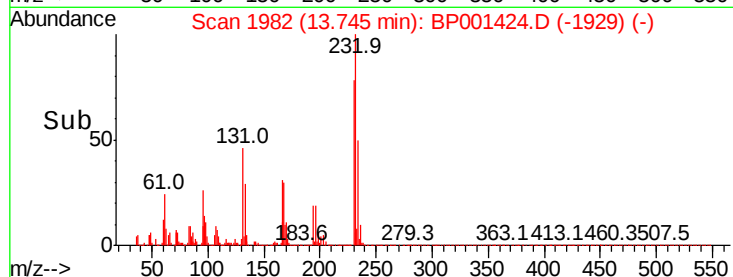
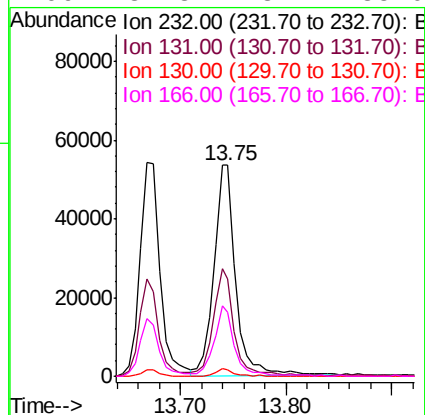
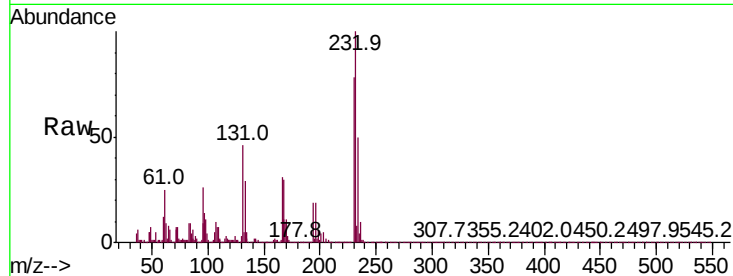
ClientSampleId :

SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.2	34.2	51.4
130	2.9	2.1	3.1
166	31.3	23.4	35.0

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#60

Diethylphthalate

Concen: 42.881 ng

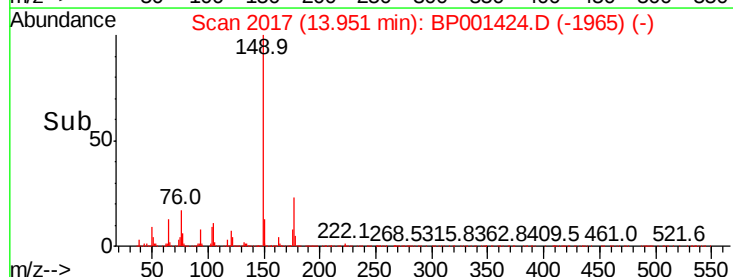
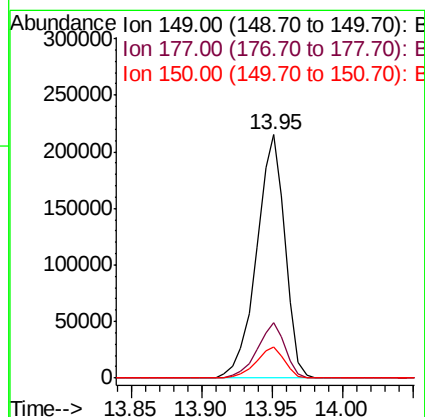
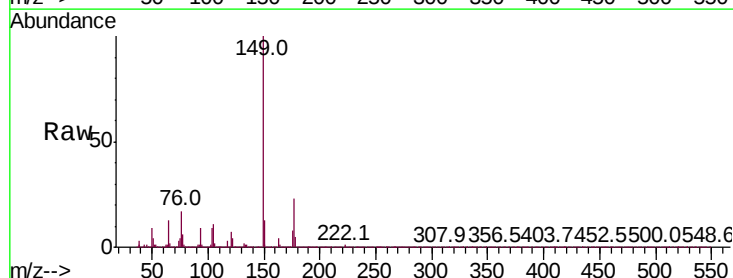
RT: 13.95 min Scan# 2017

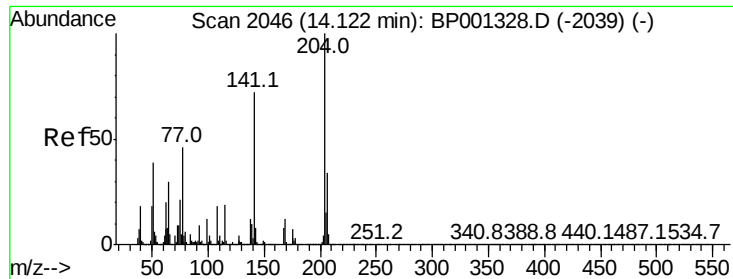
Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.8	26.6
150	12.8	9.7	14.5





#61

4-Chlorophenyl-phenylether

Concen: 47.595 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

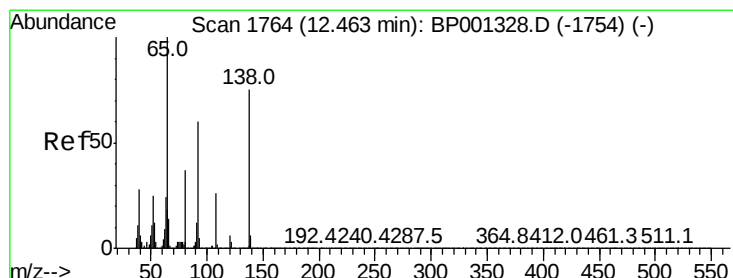
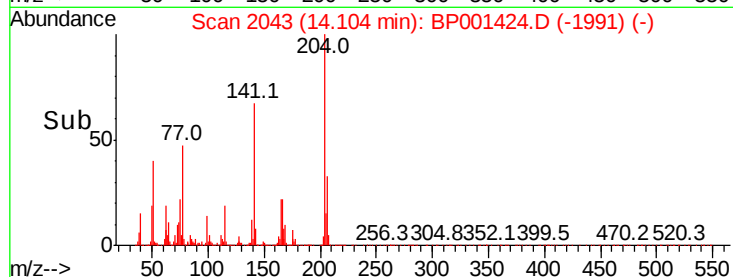
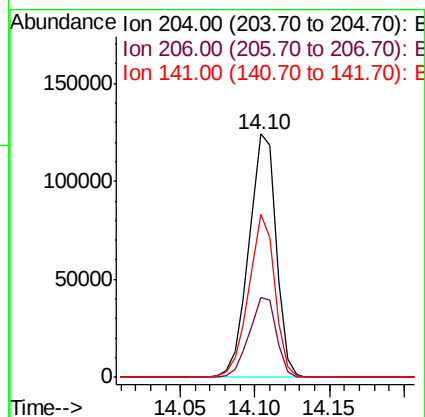
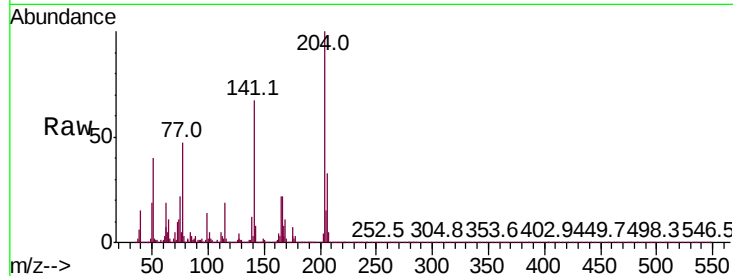
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	204	Resp:	156004
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.8	38.8
141	67.1	50.6	75.8

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#62

4-Nitroaniline

Concen: 45.994 ng

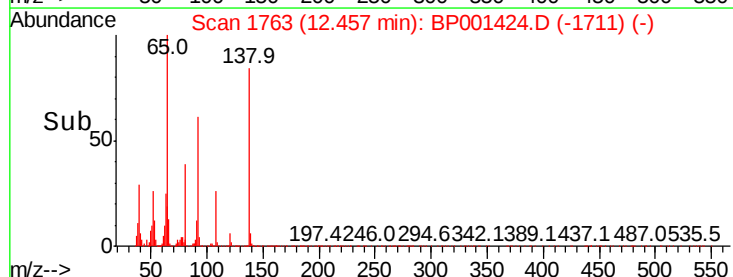
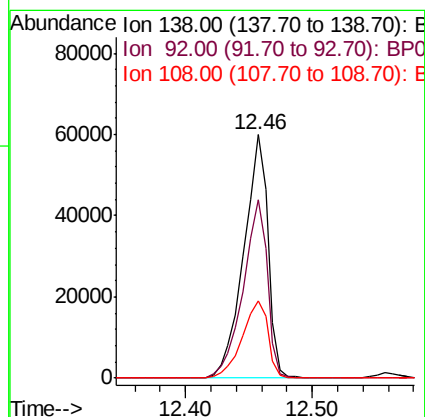
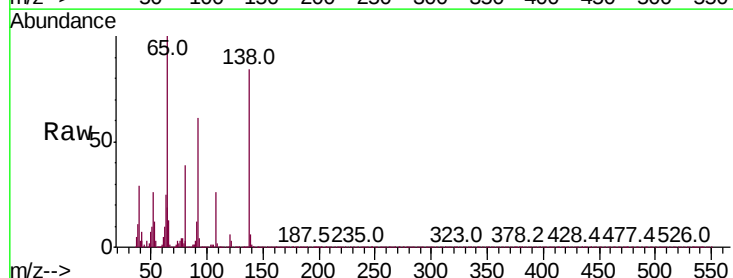
RT: 12.46 min Scan# 1763

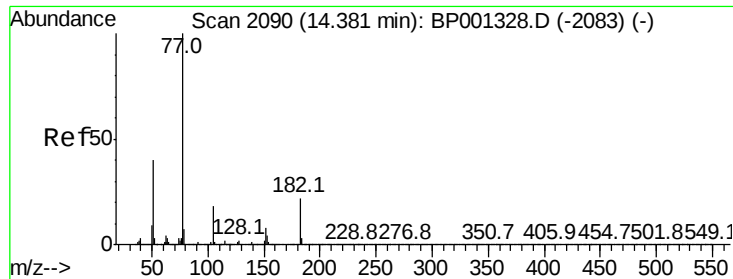
Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	138	Resp:	79522
Ion Ratio	Lower	Upper	
138	100		
92	73.0	45.4	85.4
108	31.5	11.4	51.4





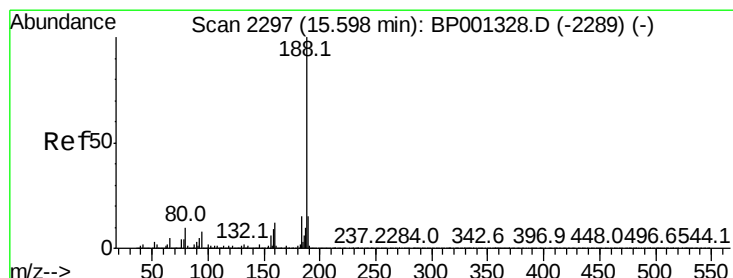
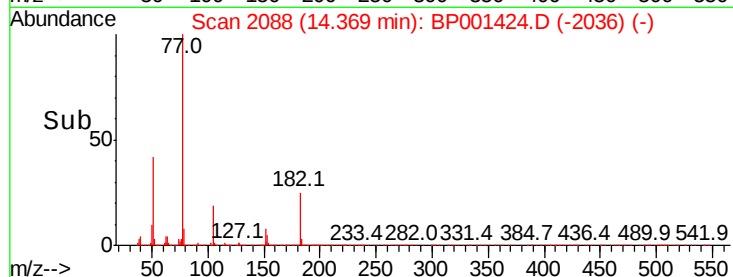
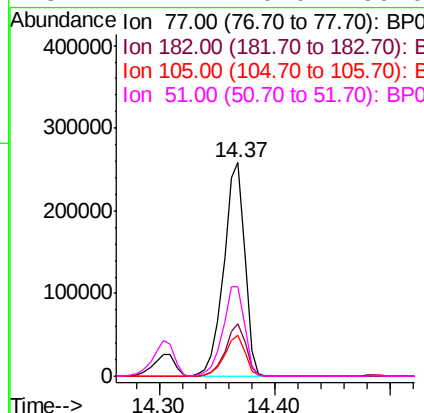
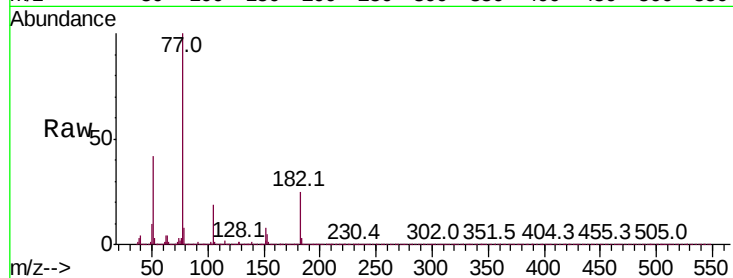
#63
Azobenzene
Concen: 43.510 ng
RT: 14.37 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.7	5.8	45.8
105	19.3	0.0	38.8
51	42.1	20.0	60.0

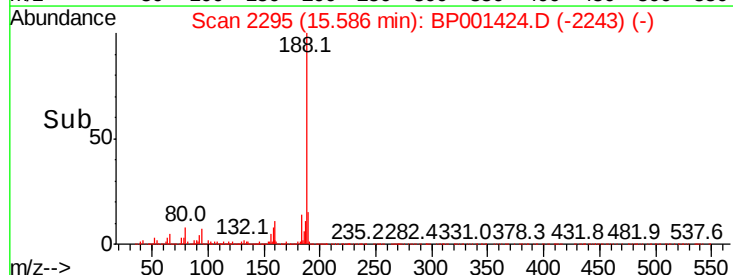
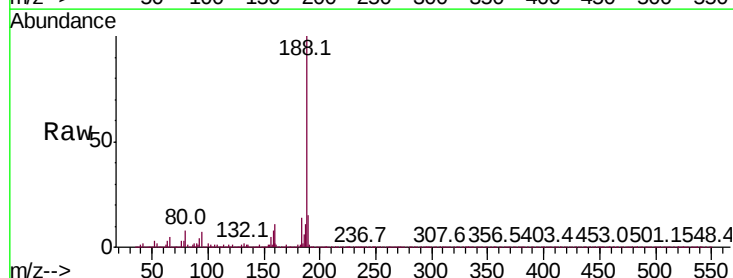
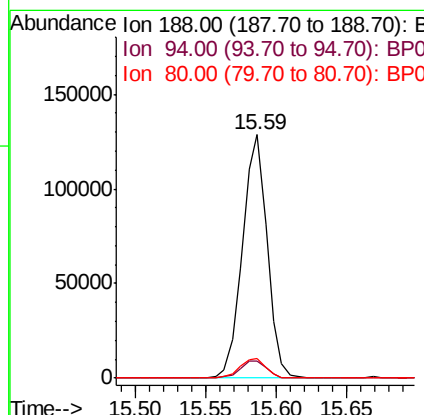
Manual Integrations
APPROVED

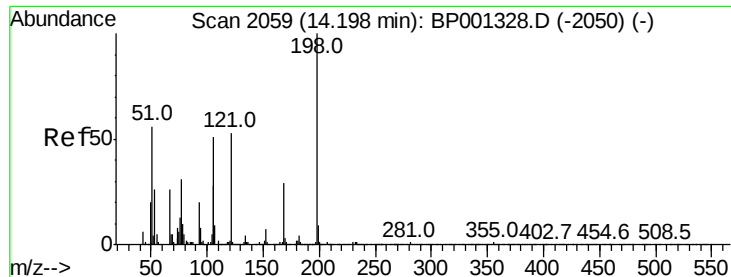
mohammad
12/27/2019 3:18:09 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.8
80	7.9	5.7	8.5





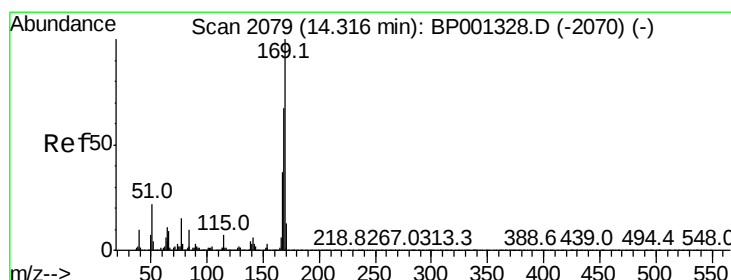
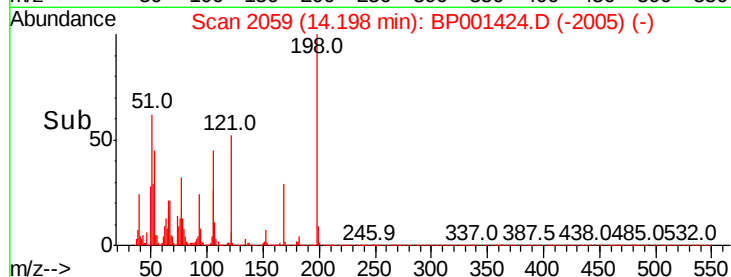
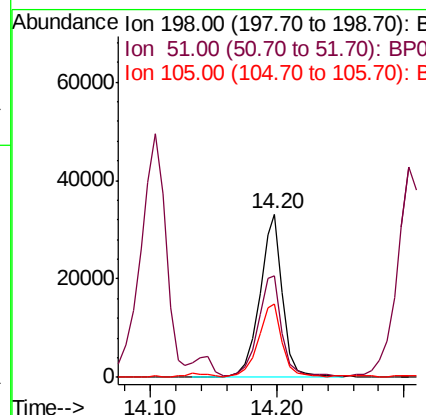
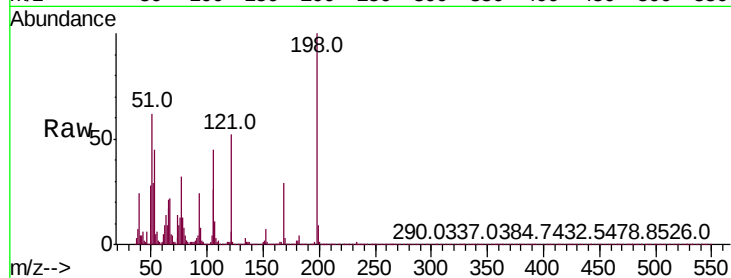
#65
4,6-Dinitro-2-methylphenol
Concen: 58.643 ng
RT: 14.20 min Scan# 2059
Delta R.T. 0.02 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	41336		
51	61.8	42.2	82.2	
105	44.8	21.5	61.5	

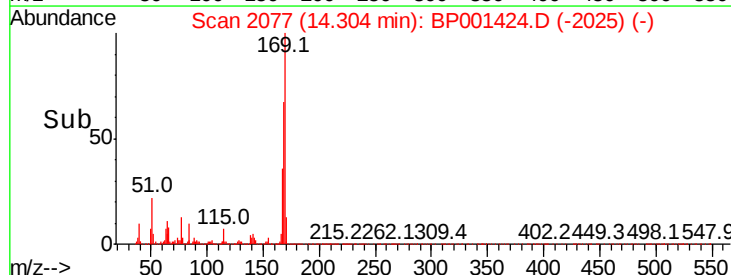
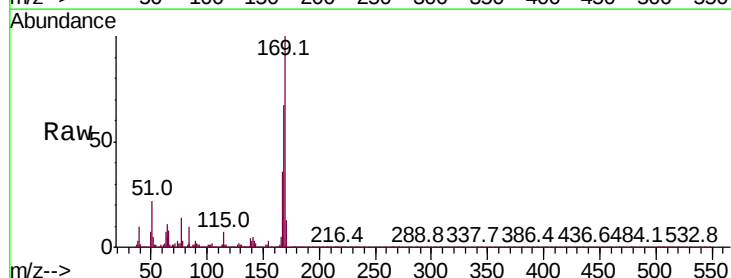
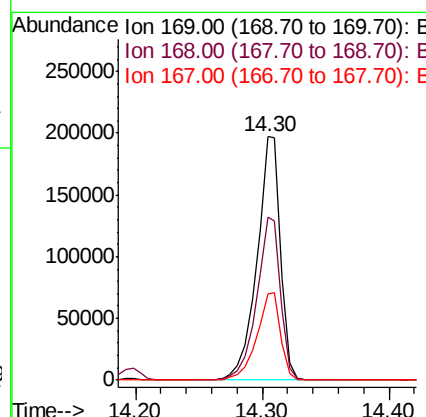
Manual Integrations
APPROVED

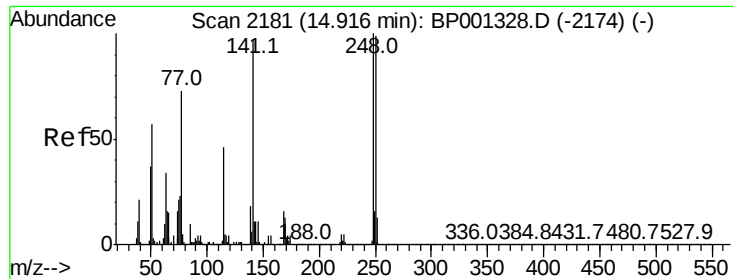
mohammad
12/27/2019 3:18:09 PM



#66
n-Nitrosodiphenylamine
Concen: 51.396 ng
RT: 14.30 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	256441		
168	67.2	54.2	81.2	
167	35.6	29.3	43.9	





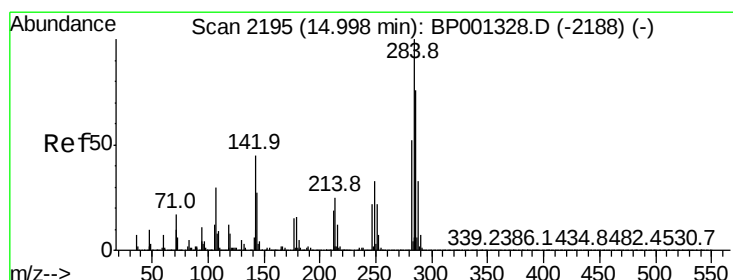
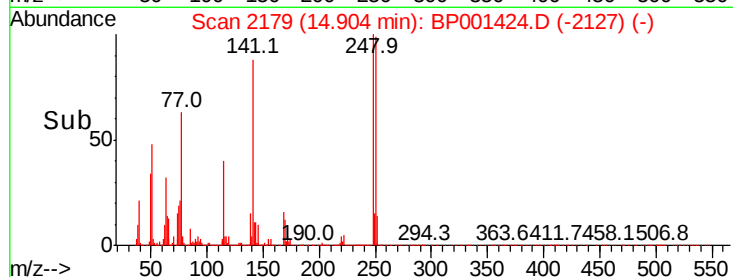
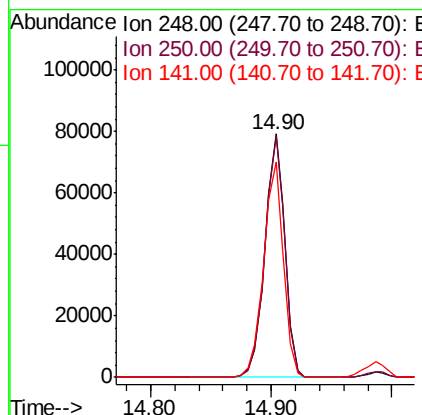
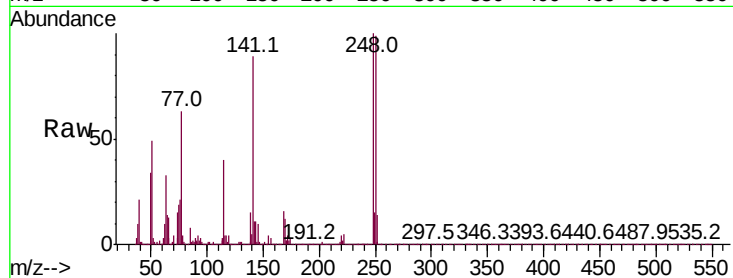
#67
4-Bromophenyl-phenylether
Concen: 48.725 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.2	114.4
141	88.6	60.7	91.1

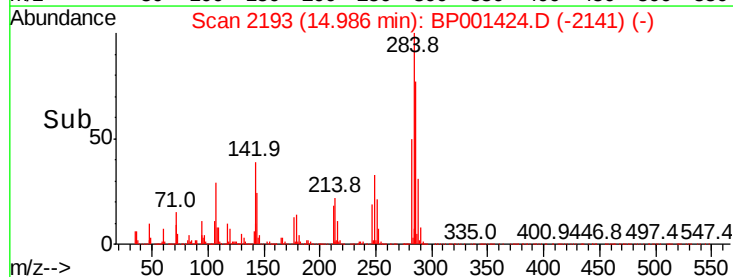
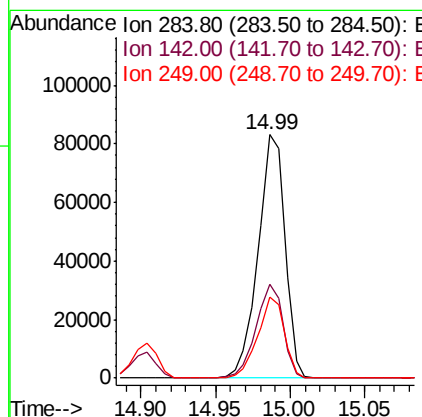
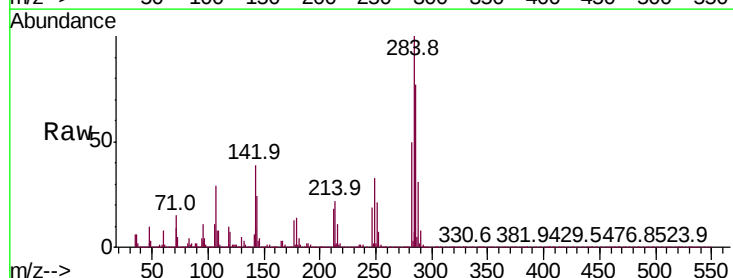
Manual Integrations
APPROVED

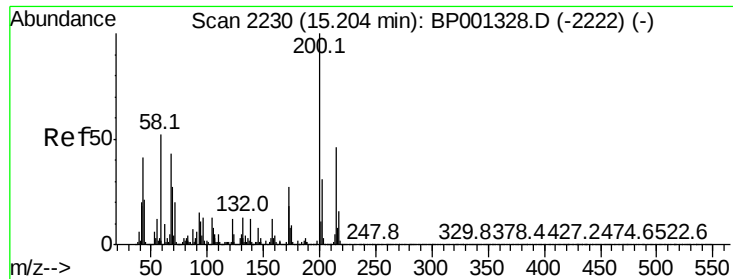
mohammad
12/27/2019 3:18:09 PM



#68
Hexachlorobenzene
Concen: 48.485 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.8	28.7	43.1
249	33.1	27.0	40.4





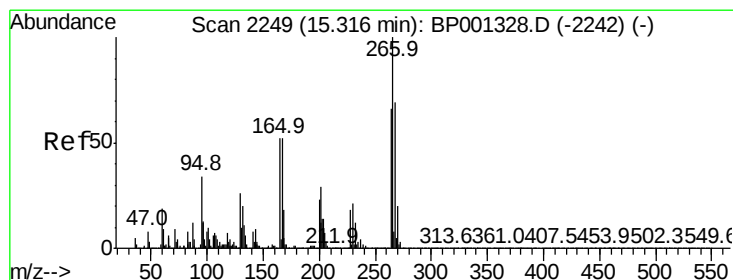
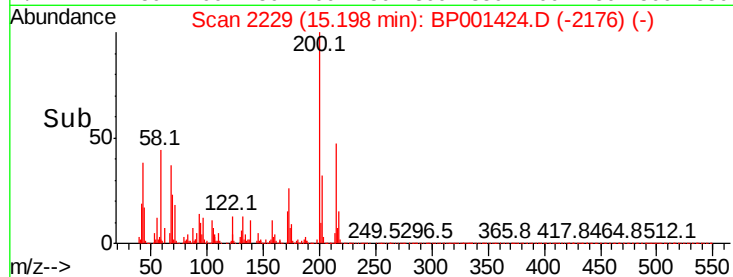
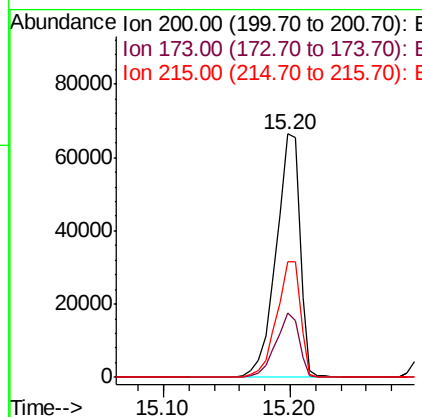
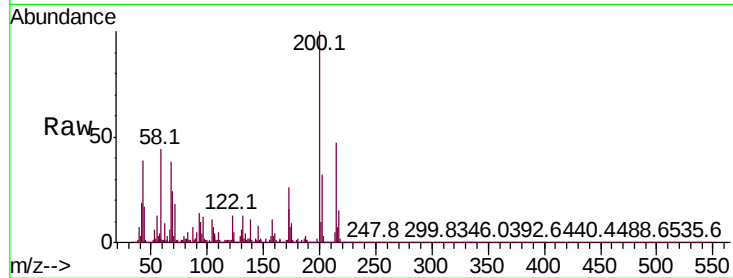
#69
 Atrazine
 Concen: 48.201 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. 0.01 min
 Lab File: BP001424.D
 Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	3.9	43.9
215	47.3	26.1	66.1

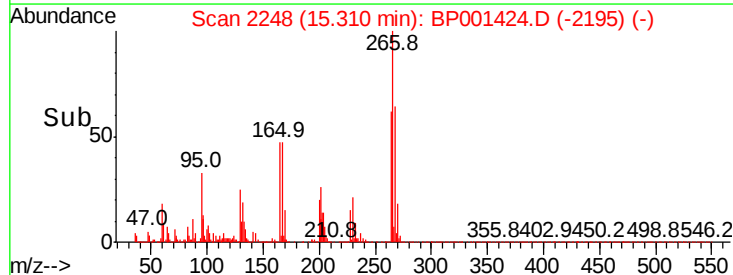
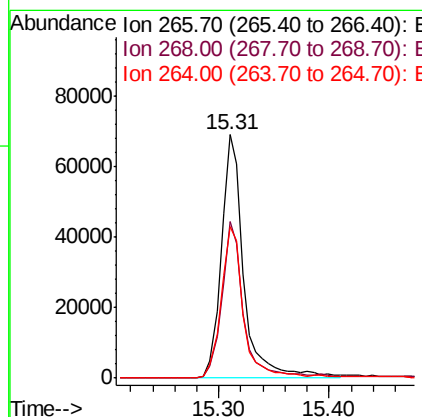
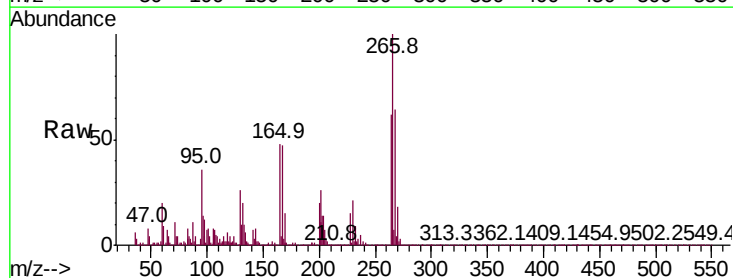
Manual Integrations
 APPROVED

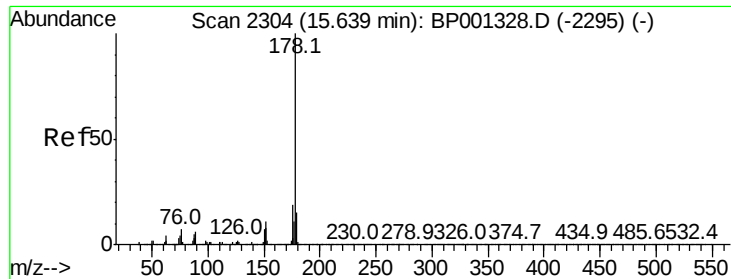
mohammad
 12/27/2019 3:18:09 PM



#70
 Pentachlorophenol
 Concen: 89.701 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BP001424.D
 Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	57.0	85.4
264	62.0	50.8	76.2





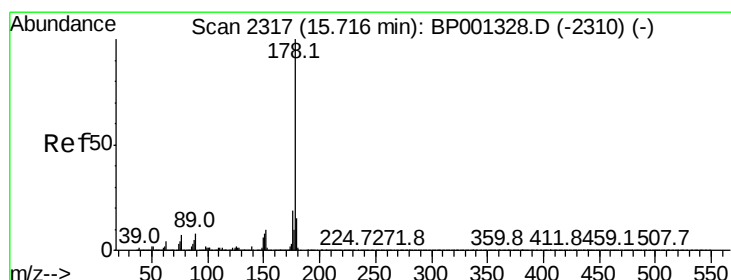
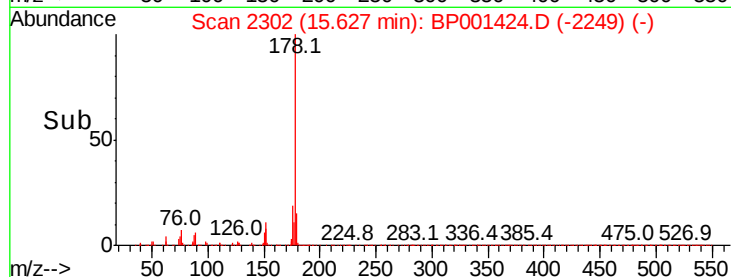
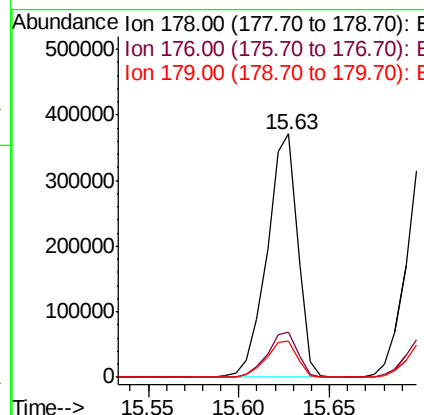
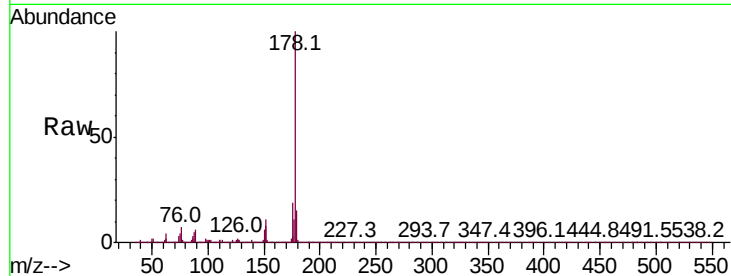
#71
Phenanthrene
Concen: 48.467 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	14.8	12.2	18.2

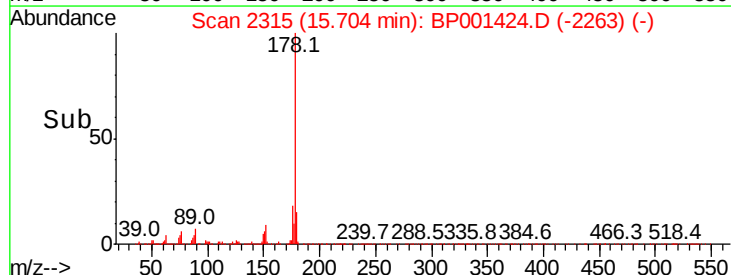
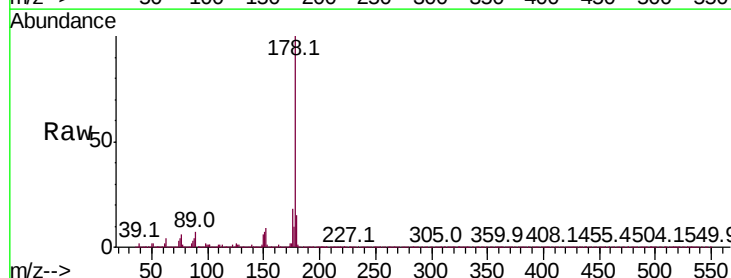
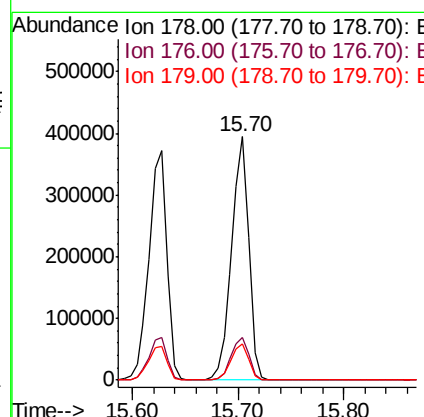
Manual Integrations
APPROVED

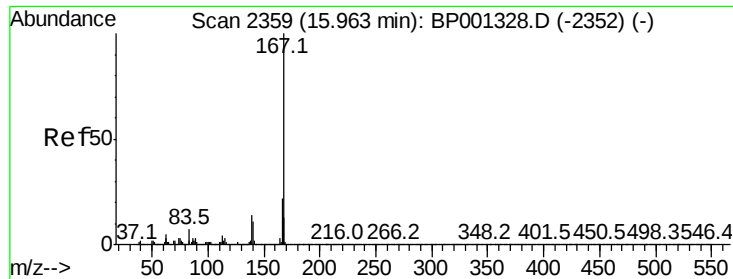
mohammad
12/27/2019 3:18:09 PM



#72
Anthracene
Concen: 50.017 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.5	21.7
179	15.1	11.8	17.8





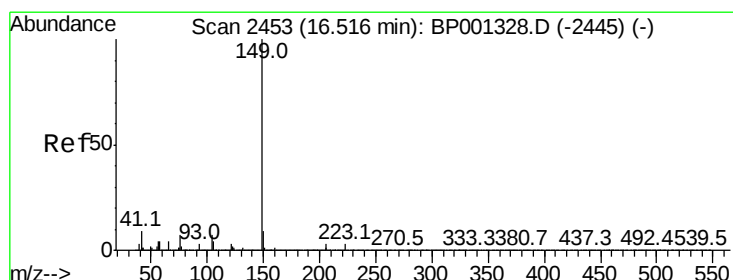
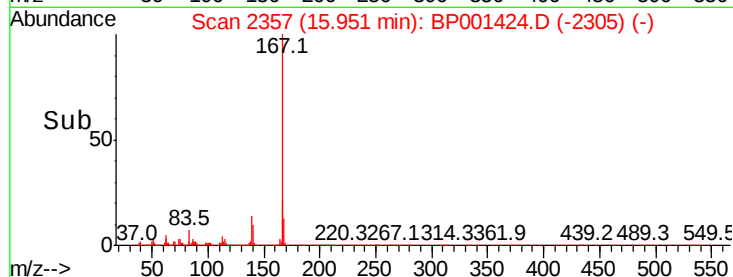
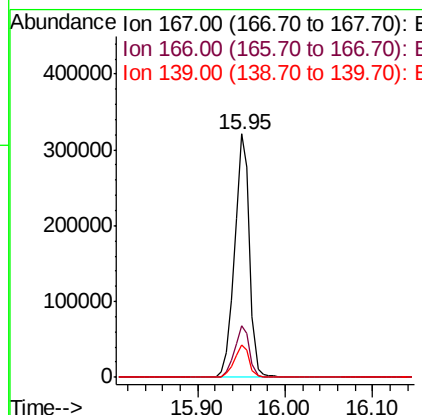
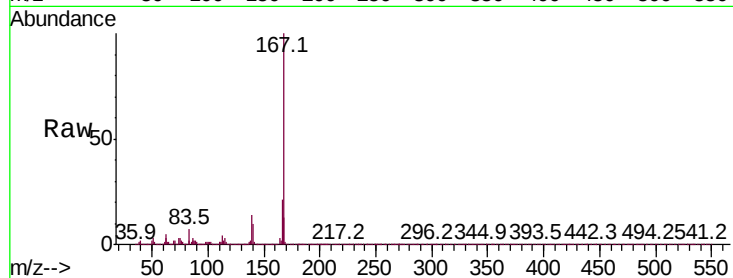
#73
 Carbazole
 Concen: 47.067 ng
 RT: 15.95 min Scan# 2357
 Delta R.T. 0.01 min
 Lab File: BP001424.D
 Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.2
139	13.6	10.9	16.3

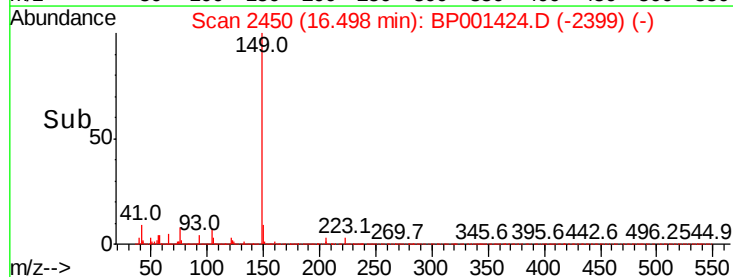
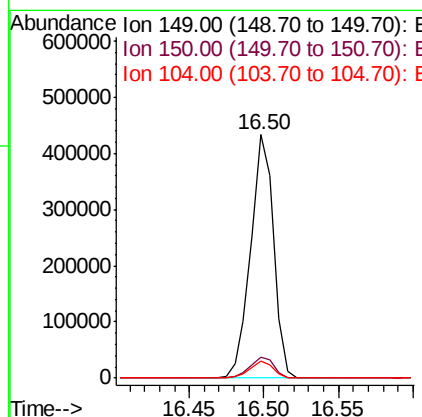
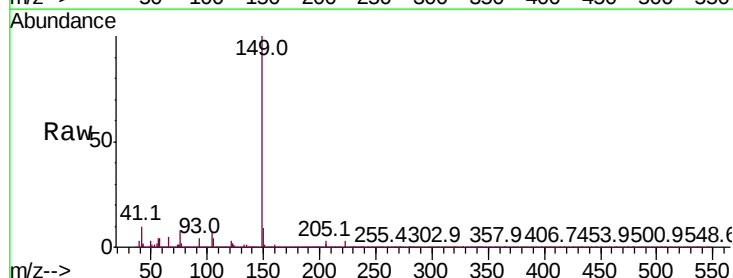
Manual Integrations
 APPROVED

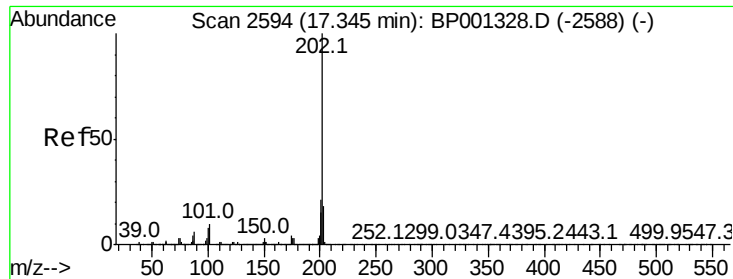
mohammad
 12/27/2019 3:18:09 PM



#74
 Di-n-butylphthalate
 Concen: 42.157 ng
 RT: 16.50 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BP001424.D
 Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.0	10.6
104	7.2	5.2	7.8





#75

Fluoranthene

Concen: 46.162 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

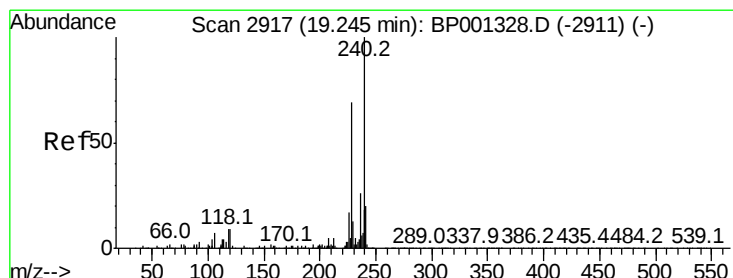
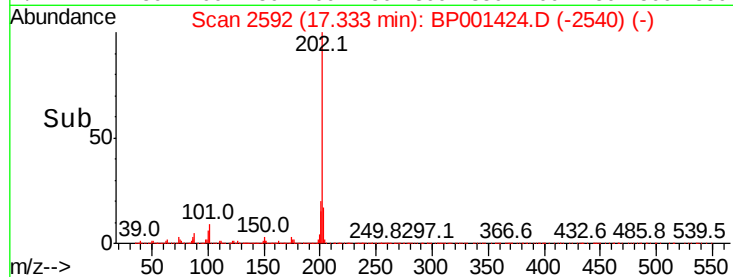
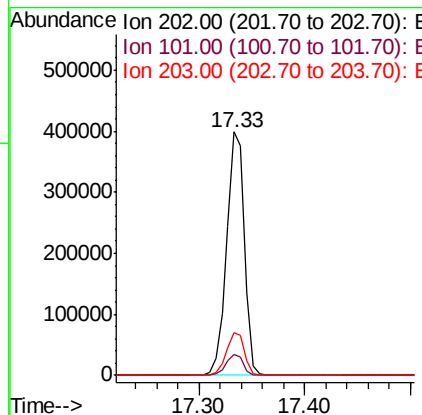
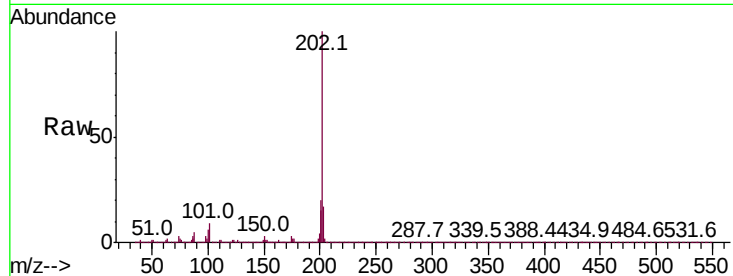
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	202	Resp:	463488
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	28.7
203	17.4	0.0	37.4

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#76

Chrysene-d12

Concen: 20.000 ng

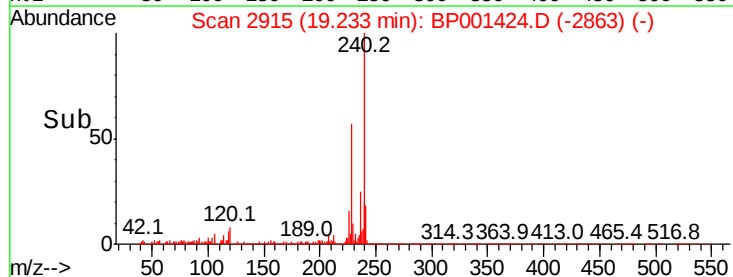
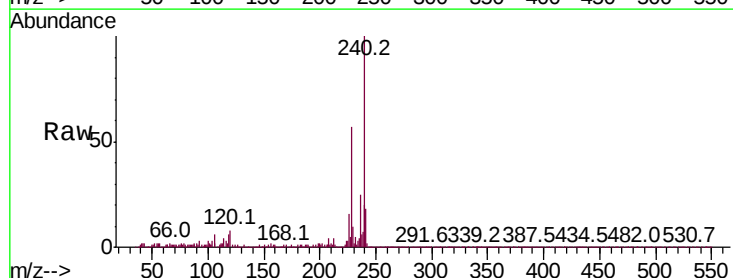
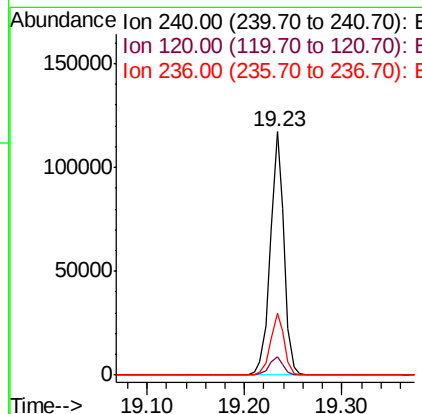
RT: 19.23 min Scan# 2915

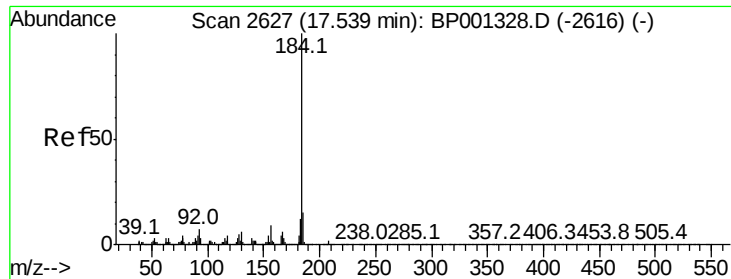
Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	240	Resp:	115420
Ion Ratio	Lower	Upper	
240	100		
120	7.6	6.2	9.2
236	25.3	20.2	30.2





#77

Benzidine

Concen: 62.068 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

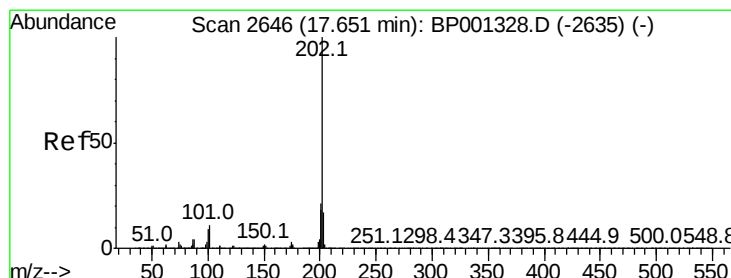
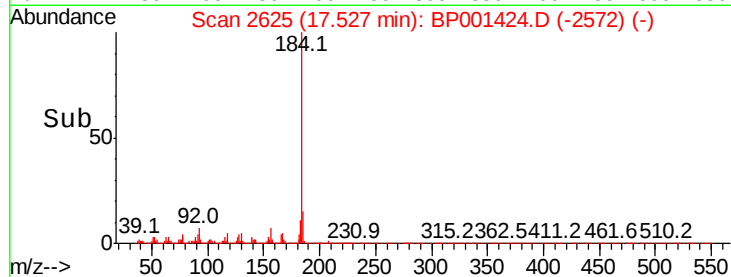
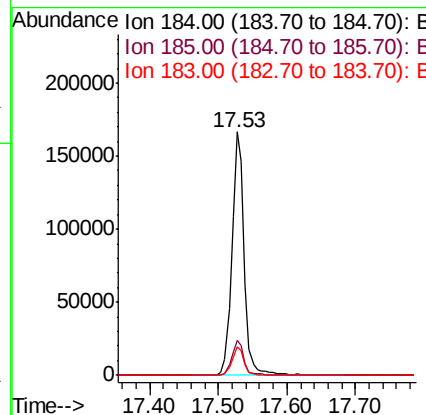
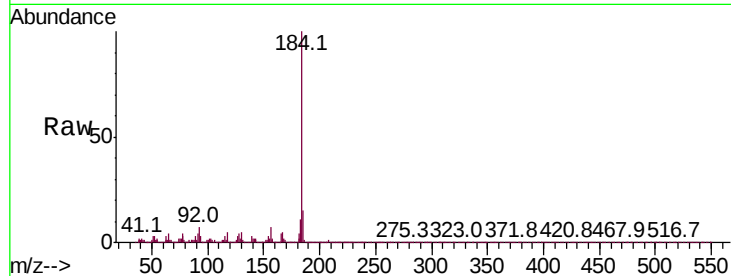
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	184	Resp:	208579
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.8	17.8
183	11.5	9.6	14.4

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#78

Pyrene

Concen: 51.301 ng

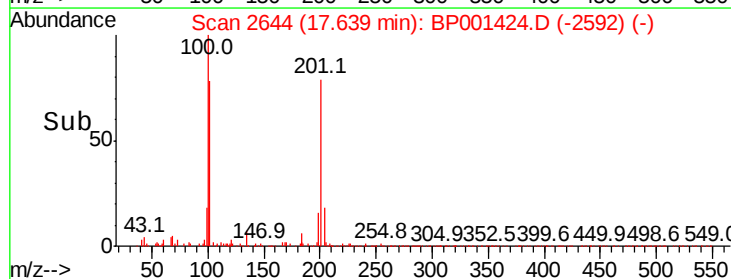
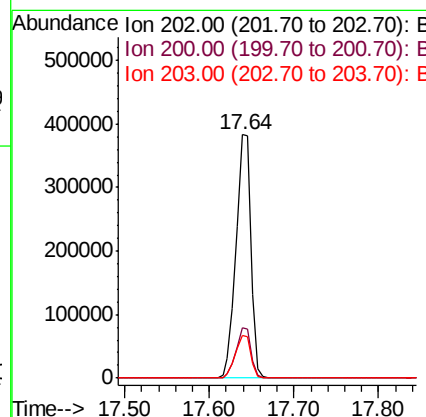
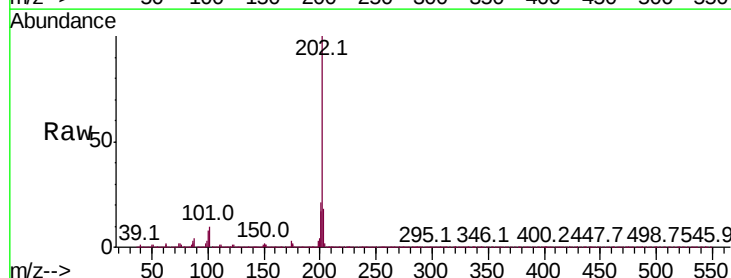
RT: 17.64 min Scan# 2644

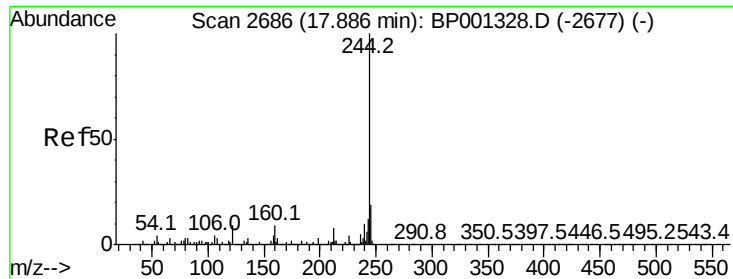
Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	202	Resp:	459738
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.6	25.0
203	17.7	14.3	21.5





#79

Terphenyl-d14

Concen: 85.582 ng

RT: 17.87 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

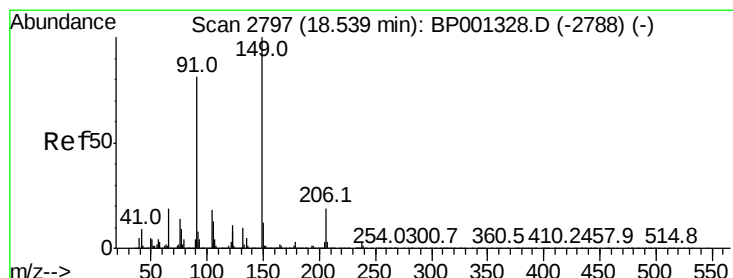
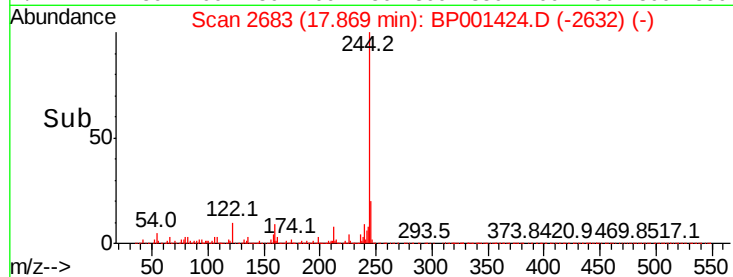
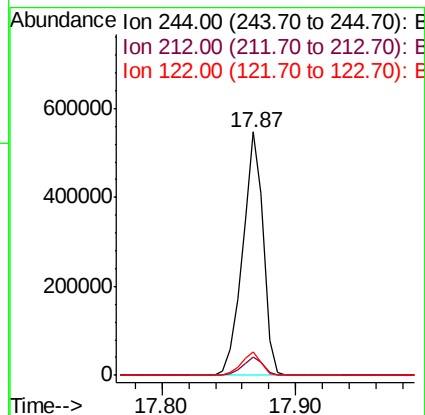
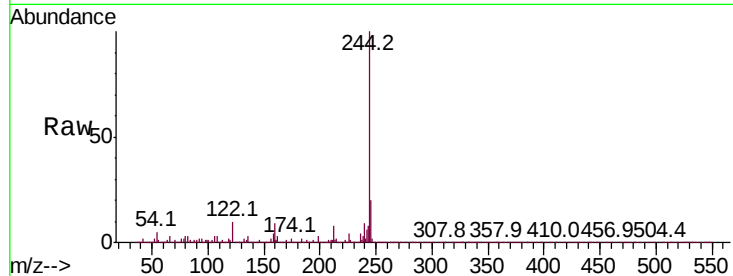
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	244	Resp:	576720
Ion Ratio	Lower	Upper	
244	100		
212	7.8	5.8	8.8
122	9.7	6.4	9.6#

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#80

Butylbenzylphthalate

Concen: 43.558 ng

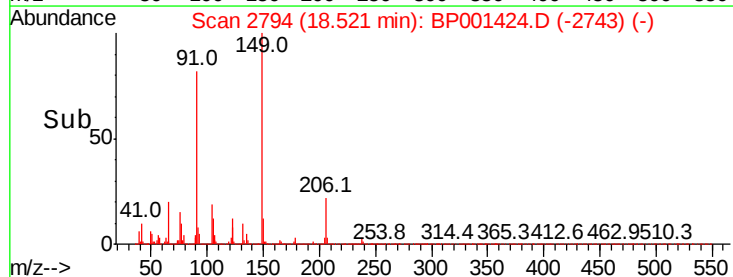
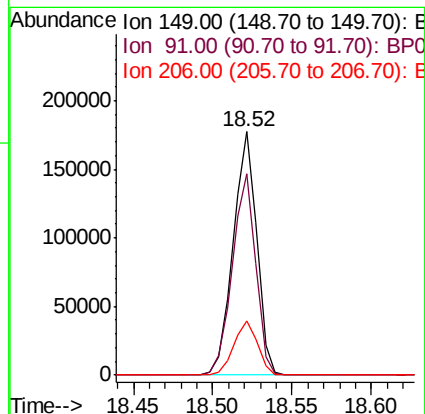
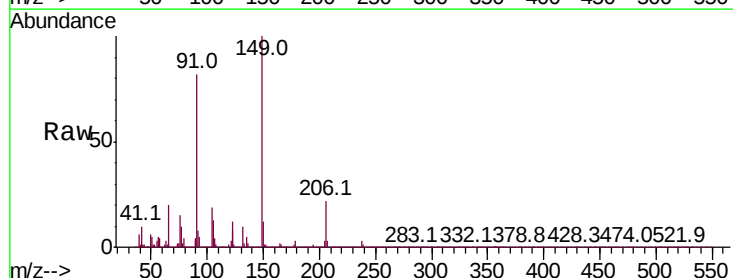
RT: 18.52 min Scan# 2794

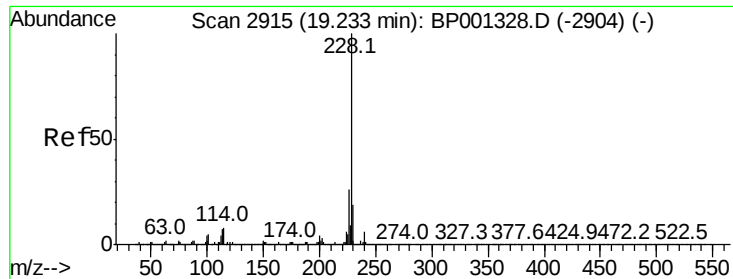
Delta R.T. -0.00 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	149	Resp:	181983
Ion Ratio	Lower	Upper	
149	100		
91	82.5	59.8	89.6
206	22.1	18.3	27.5





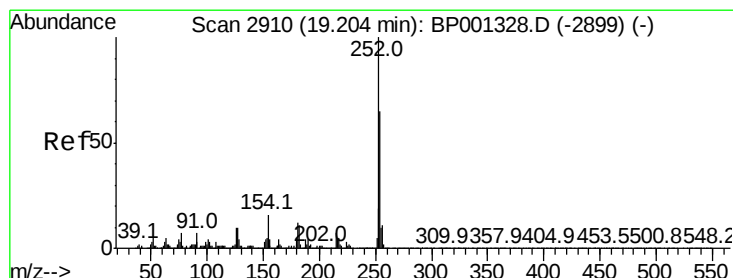
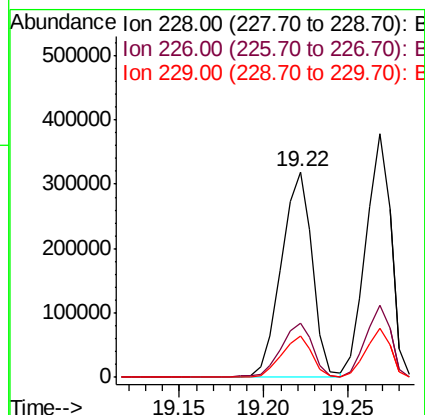
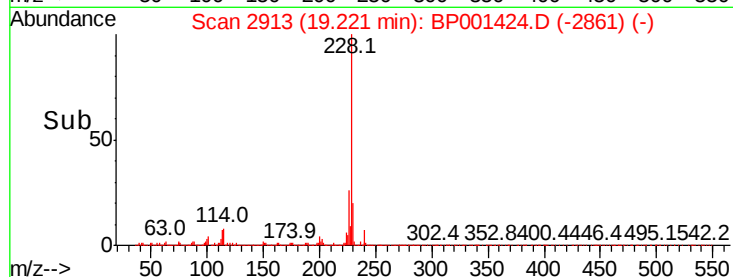
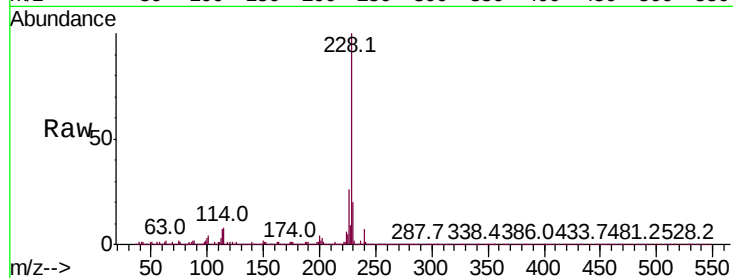
#81
Benzo(a)anthracene
Concen: 48.450 ng
RT: 19.22 min Scan# 2913
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.4	32.2
229	20.1	15.7	23.5

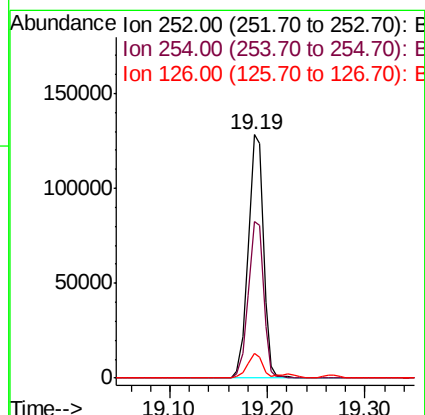
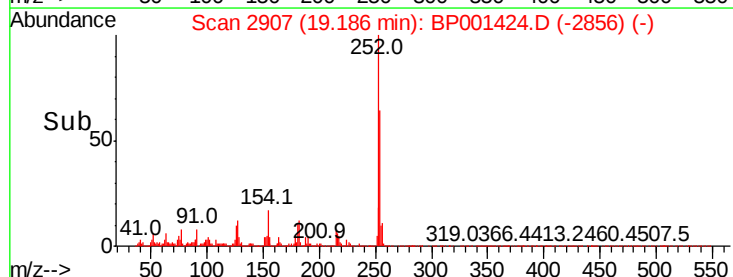
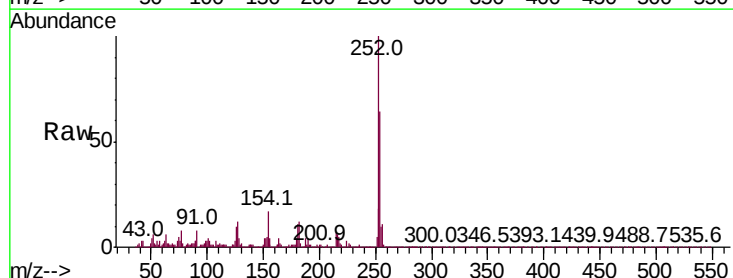
Manual Integrations
APPROVED

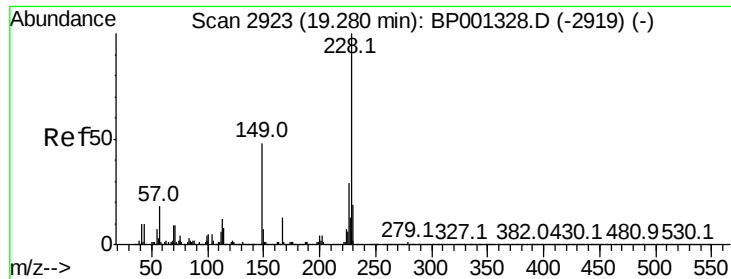
mohammad
12/27/2019 3:18:09 PM



#82
3,3'-Dichlorobenzidine
Concen: 47.782 ng
RT: 19.19 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.3	78.5
126	10.3	7.3	10.9





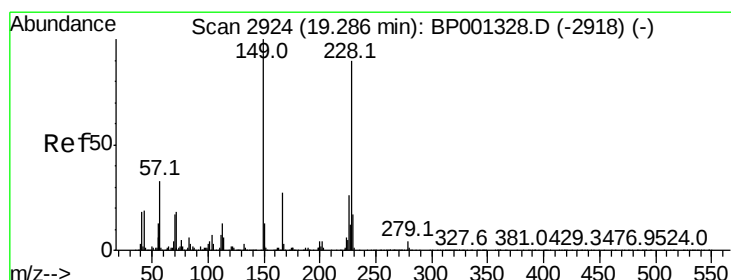
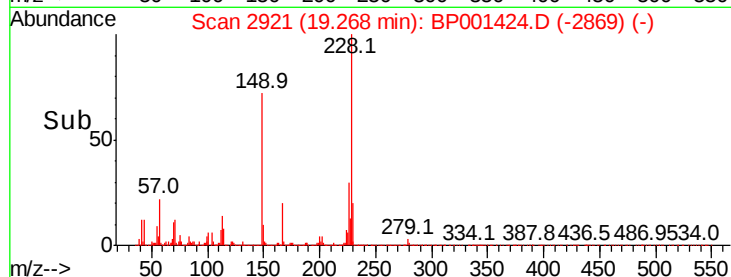
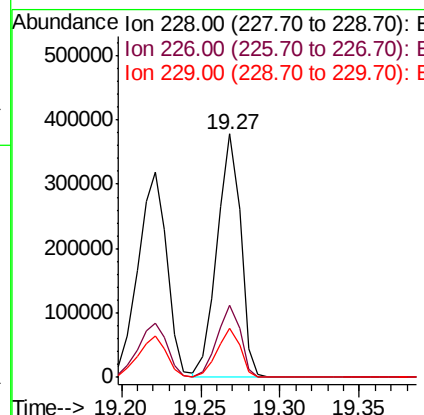
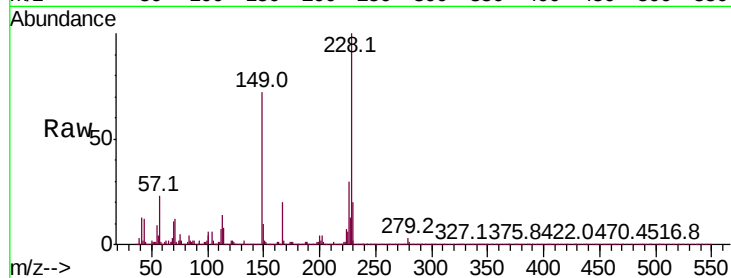
#83
Chrysene
Concen: 48.207 ng
RT: 19.27 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	20.0	15.5	23.3

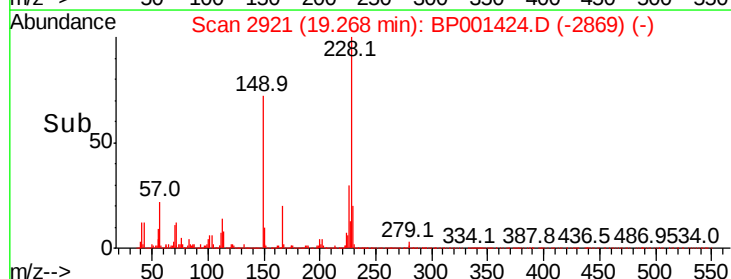
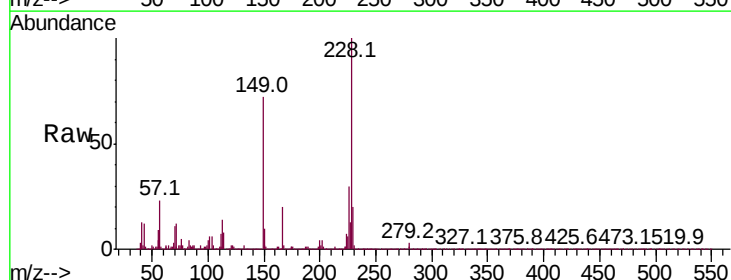
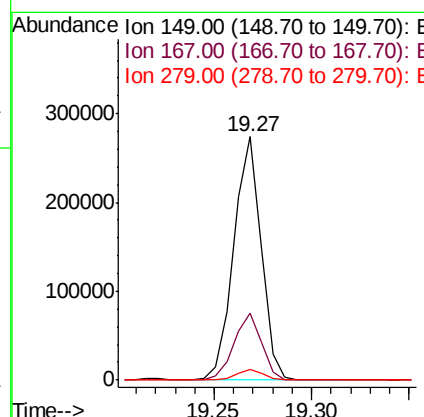
Manual Integrations
APPROVED

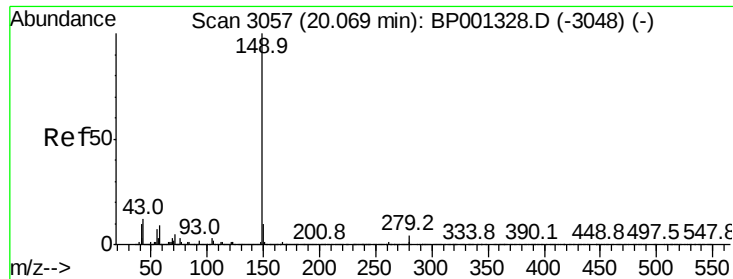
mohammad
12/27/2019 3:18:09 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.423 ng
RT: 19.27 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.4	32.0
279	4.6	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 40.868 ng

RT: 20.05 min Scan# 3054

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

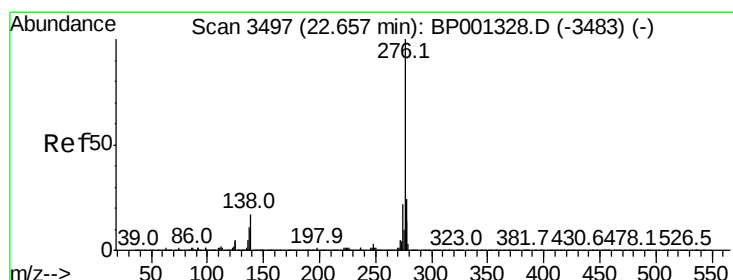
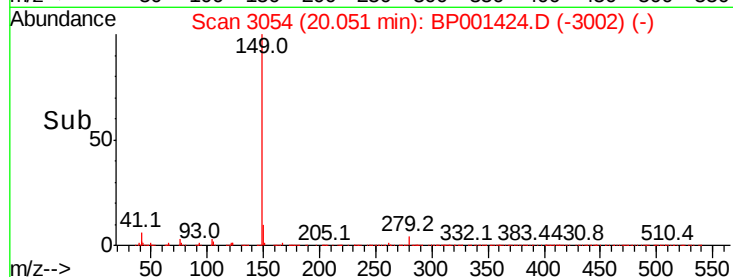
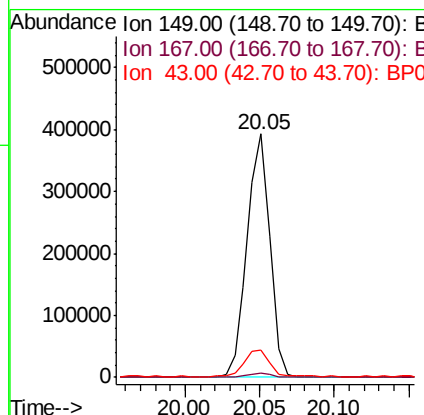
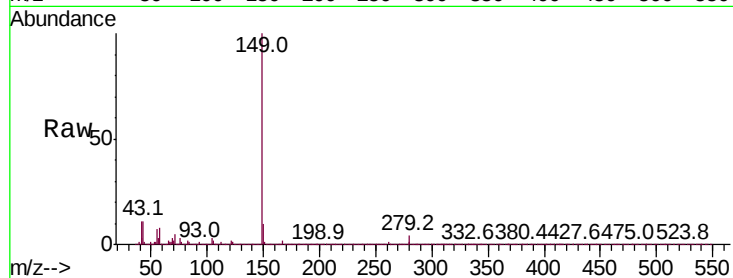
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	149	Resp:	415272
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	12.1	8.6	13.0

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.928 ng

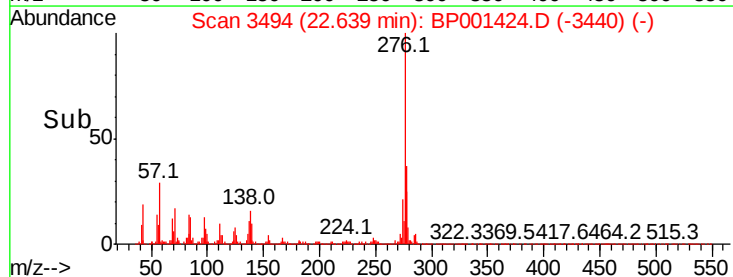
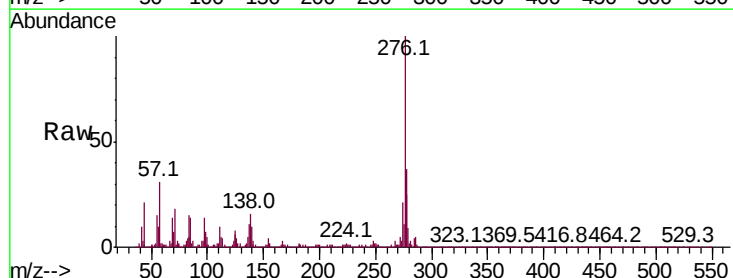
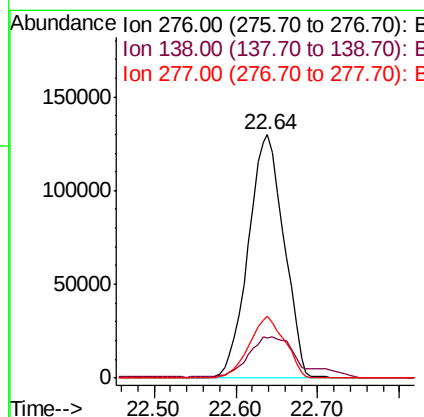
RT: 22.64 min Scan# 3494

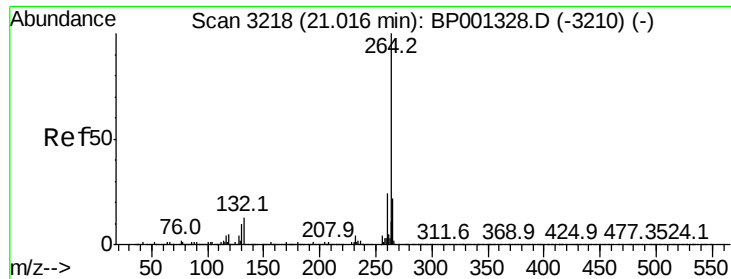
Delta R.T. 0.02 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	276	Resp:	393906
Ion Ratio	Lower	Upper	
276	100		
138	20.3	12.8	19.2#
277	25.5	19.9	29.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.00 min Scan# 3215

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

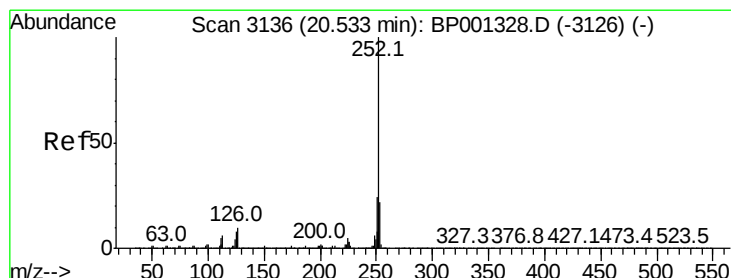
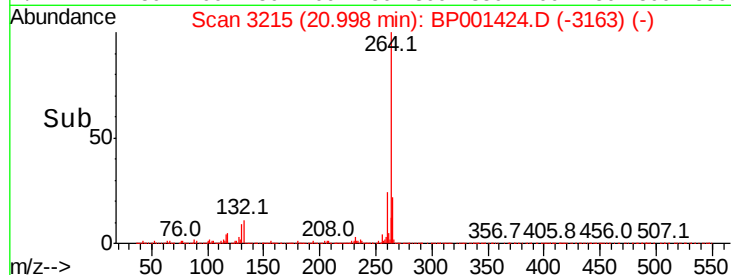
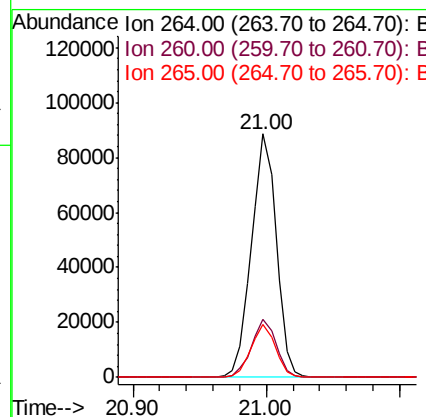
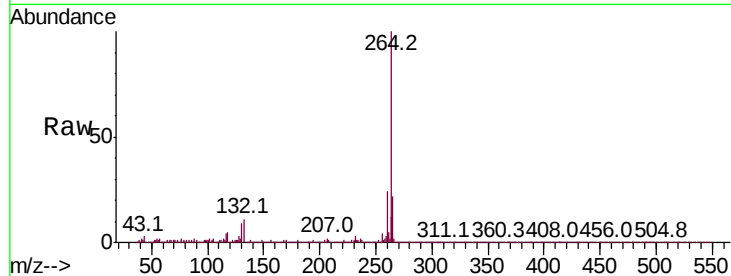
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	264	Resp:	113337
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.0	28.4
265	22.0	17.0	25.4

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#88

Benzo(b)fluoranthene

Concen: 48.230 ng

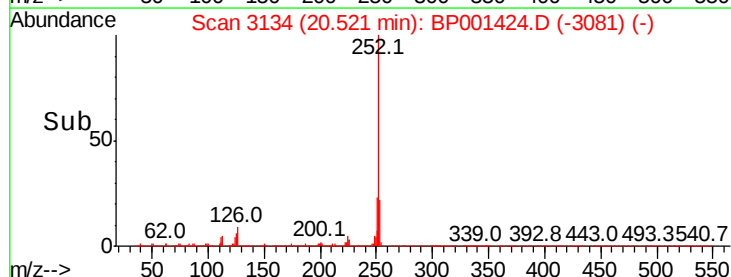
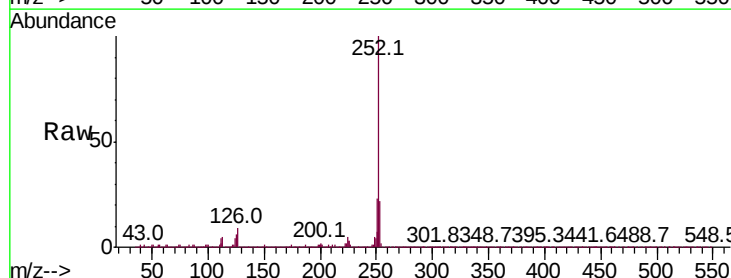
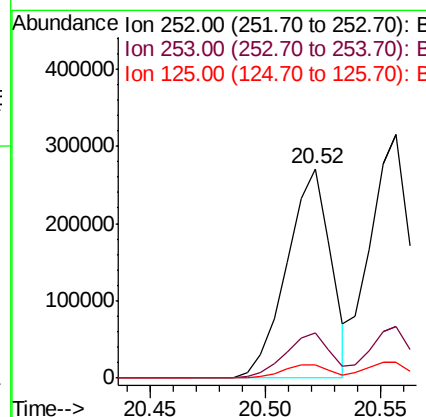
RT: 20.52 min Scan# 3134

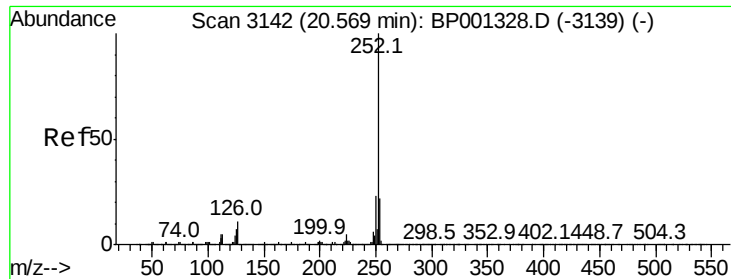
Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	252	Resp:	358986
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	6.3	5.6	8.4





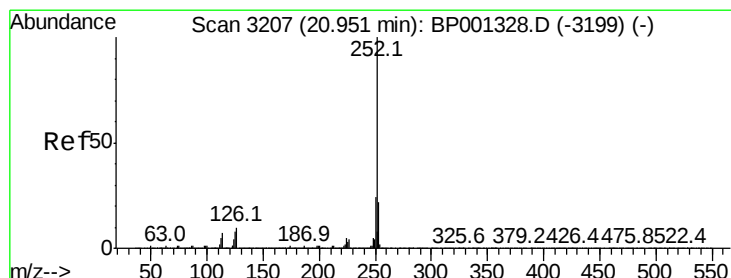
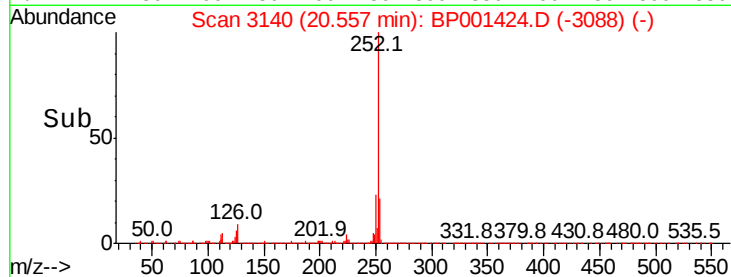
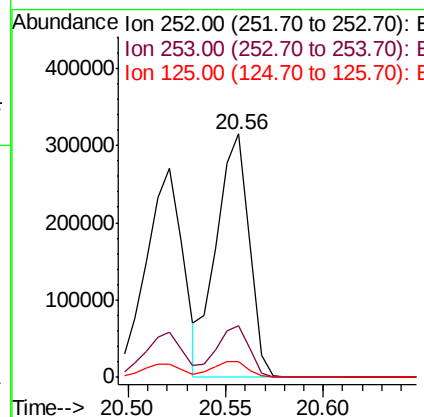
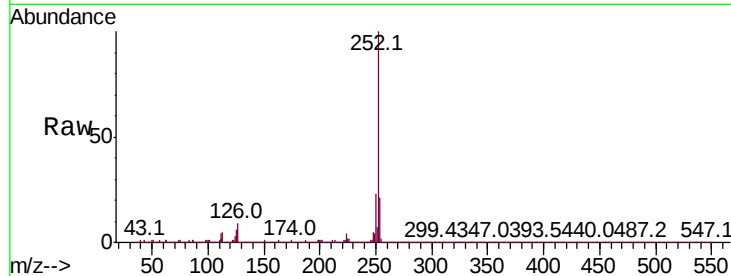
#89
Benzo(k)fluoranthene
Concen: 51.782 ng
RT: 20.56 min Scan# 3140
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	6.3	4.5	6.7

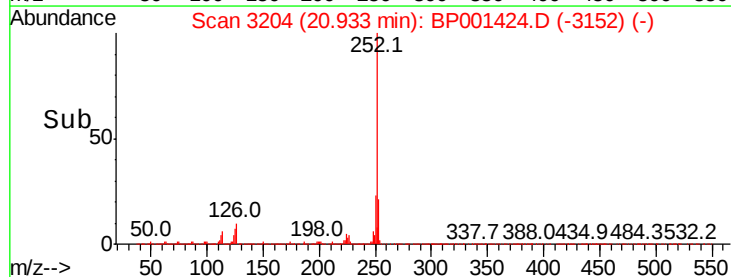
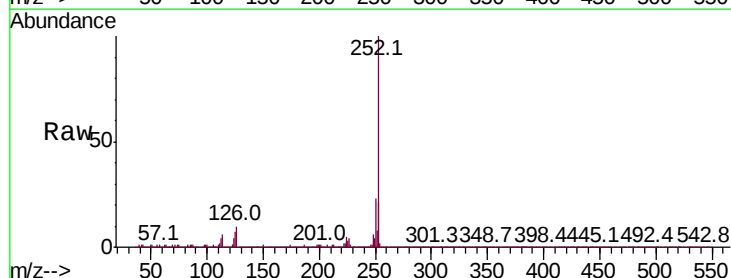
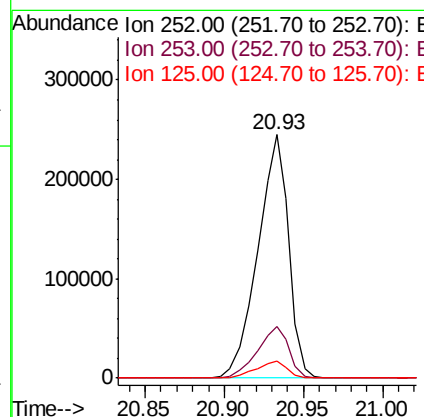
Manual Integrations
APPROVED

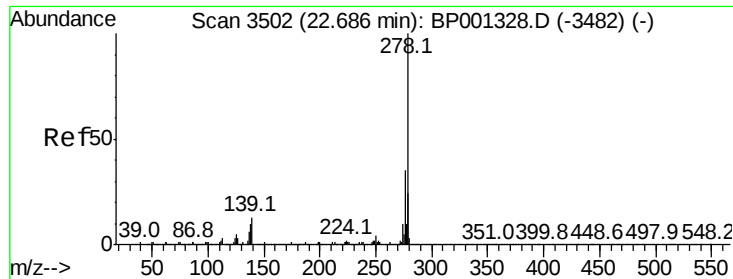
mohammad
12/27/2019 3:18:09 PM



#90
Benzo(a)pyrene
Concen: 48.730 ng
RT: 20.93 min Scan# 3204
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	7.2	5.2	7.8





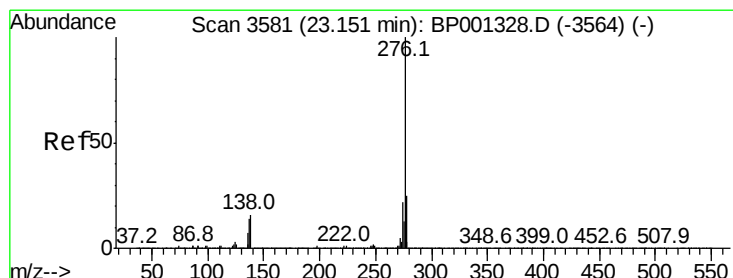
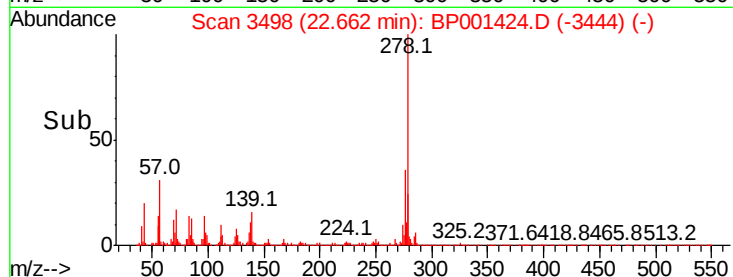
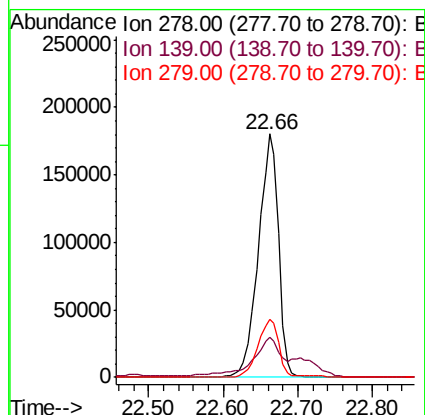
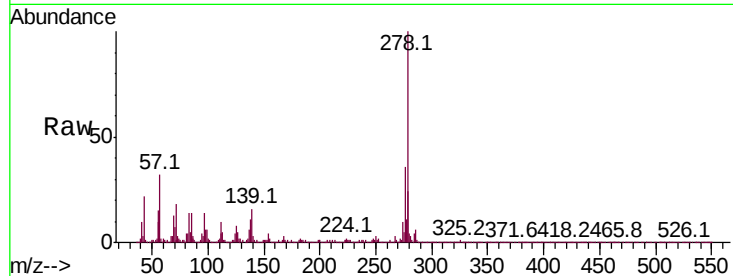
#91
Dibenzo(a,h)anthracene
Concen: 51.101 ng
RT: 22.66 min Scan# 3498
Delta R.T. 0.02 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	8.3	12.5#
279	23.9	19.1	28.7

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:09 PM



#92
Benzo(g,h,i)perylene
Concen: 51.135 ng
RT: 23.13 min Scan# 3577
Delta R.T. 0.02 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	27.8
138	13.9	10.5	15.7

