

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019695.D
 Acq On : 14 Feb 2024 11:26
 Operator : MA/JU
 Sample : PB158998BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158998BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024

Quant Time: Feb 14 11:55:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	69247	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	253060	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	165831	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	387568	20.000	ng	0.00
76) Chrysene-d12	21.392	240	365525	20.000	ng	# 0.00
86) Perylene-d12	23.810	264	427227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	566254	131.812	ng	0.00
7) Phenol-d6	7.081	99	727553	125.603	ng	0.00
23) Nitrobenzene-d5	9.075	82	492161	84.273	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	413282	170.689	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1156646	86.225	ng	-0.01
79) Terphenyl-d14	19.863	244	2070063	93.135	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	56234	33.976	ng	99
3) Pyridine	3.781	79	148049	32.993	ng	98
4) n-Nitrosodimethylamine	3.699	42	84048	43.021	ng	99
6) Aniline	7.234	93	163327	29.018	ng	100
8) 2-Chlorophenol	7.469	128	201690	45.729	ng	98
9) Benzaldehyde	7.052	77	13514m	3.328	ng	
10) Phenol	7.105	94	256816	44.484	ng	96
11) bis(2-Chloroethyl)ether	7.340	93	189784	42.254	ng	99
12) 1,3-Dichlorobenzene	7.793	146	228820	42.399	ng	95
13) 1,4-Dichlorobenzene	7.940	146	235633	43.096	ng	99
14) 1,2-Dichlorobenzene	8.252	146	224609	42.457	ng	99
15) Benzyl Alcohol	8.152	79	208723m	45.098	ng	
16) 2,2'-oxybis(1-Chloropr...	8.428	45	182341	40.597	ng	99
17) 2-Methylphenol	8.357	107	172357	44.344	ng	97
18) Hexachloroethane	8.975	117	89276	42.125	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	159553	40.326	ng	97
20) 3+4-Methylphenols	8.687	107	233829	44.081	ng	97
22) Acetophenone	8.740	105	319056	44.256	ng	# 97
24) Nitrobenzene	9.116	77	246737	41.961	ng	98
25) Isophorone	9.646	82	432476	42.521	ng	100
26) 2-Nitrophenol	9.822	139	112771	50.298	ng	97
27) 2,4-Dimethylphenol	9.887	122	151521	52.852	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	247526	43.014	ng	98
29) 2,4-Dichlorophenol	10.357	162	209148	48.260	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	238834	44.947	ng	99
31) Naphthalene	10.757	128	599339	43.182	ng	99
32) Benzoic acid	10.040	122	150459	53.866	ng	92
33) 4-Chloroaniline	10.875	127	67688	13.187	ng	96
34) Hexachlorobutadiene	11.028	225	174214	44.243	ng	96
35) Caprolactam	11.687	113	62923	51.288	ng	99
36) 4-Chloro-3-methylphenol	12.004	107	227704	48.187	ng	99
37) 2-Methylnaphthalene	12.369	142	423721	44.114	ng	99
38) 1-Methylnaphthalene	12.587	142	398924	42.263	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	297044	46.446	ng	98
41) Hexachlorocyclopentadiene	12.698	237	389324	134.753	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	190786	49.265	ng	100

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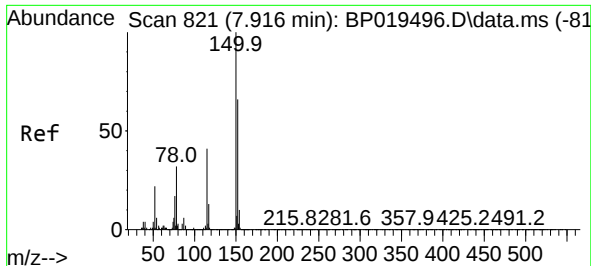
Manual Integrations
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	208921	49.130	ng	98
46) 1,1'-Biphenyl	13.381	154	582648	44.022	ng	98
47) 2-Chloronaphthalene	13.422	162	465663	42.860	ng	97
48) 2-Nitroaniline	13.634	65	147070	48.410	ng	96
49) Acenaphthylene	14.263	152	743443	48.773	ng	99
50) Dimethylphthalate	14.016	163	599304	47.208	ng	99
51) 2,6-Dinitrotoluene	14.134	165	132044	47.342	ng	97
52) Acenaphthene	14.604	154	417013	44.079	ng	99
53) 3-Nitroaniline	14.463	138	89650	34.975	ng	97
54) 2,4-Dinitrophenol	14.675	184	189062	130.554	ng	96
55) Dibenzofuran	14.945	168	723124	46.930	ng	99
56) 4-Nitrophenol	14.775	139	226802	107.954	ng	96
57) 2,4-Dinitrotoluene	14.922	165	188807	51.657	ng	97
58) Fluorene	15.592	166	573072	46.696	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	198478	55.489	ng	96
60) Diethylphthalate	15.375	149	597735	47.338	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	325321	47.163	ng	95
62) 4-Nitroaniline	15.628	138	124878	46.479	ng	97
63) Azobenzene	15.886	77	544931	44.628	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	122390	55.382	ng	97
66) n-Nitrosodiphenylamine	15.810	169	508032	43.769	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	216987	44.785	ng	95
68) Hexachlorobenzene	16.586	284	254928	45.057	ng	95
69) Atrazine	16.775	200	198155	51.446	ng	95
70) Pentachlorophenol	16.939	266	360050	102.187	ng	97
71) Phenanthrene	17.339	178	925671	45.384	ng	99
72) Anthracene	17.433	178	945466	46.468	ng	100
73) Carbazole	17.710	167	844199	45.672	ng	99
74) Di-n-butylphthalate	18.263	149	1007224	45.067	ng	100
75) Fluoranthene	19.310	202	1153618	46.300	ng	98
77) Benzidine	19.498	184	278966	36.505	ng	99
78) Pyrene	19.663	202	1176495	45.606	ng	99
80) Butylbenzylphthalate	20.545	149	432415	44.885	ng	99
81) Benzo(a)anthracene	21.374	228	1202927	46.751	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	367658	39.212	ng	97
83) Chrysene	21.427	228	1106826	45.309	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	606063	41.313	ng	99
85) Di-n-octyl phthalate	22.257	149	1039101	40.259	ng	98
87) Indeno(1,2,3-cd)pyrene	26.351	276	1570745	48.031	ng	97
88) Benzo(b)fluoranthene	23.074	252	1230599	45.703	ng	99
89) Benzo(k)fluoranthene	23.121	252	1180435	45.894	ng	98
90) Benzo(a)pyrene	23.710	252	1144820	47.784	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1308995	48.668	ng	97
92) Benzo(g,h,i)perylene	27.121	276	1247402	45.715	ng	99

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



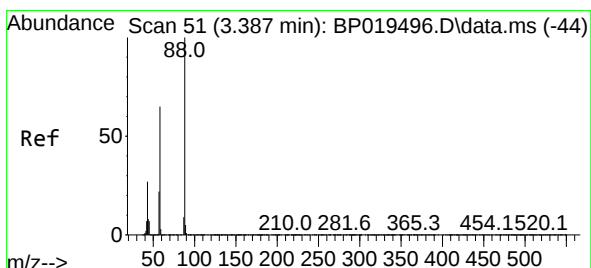
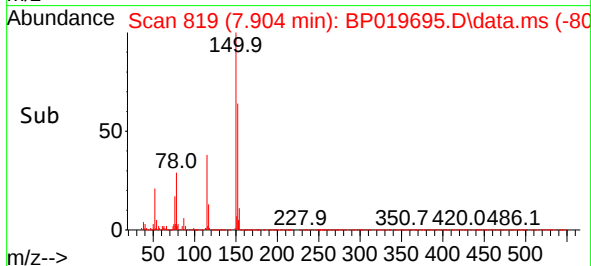
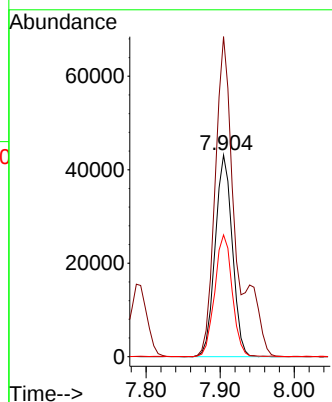
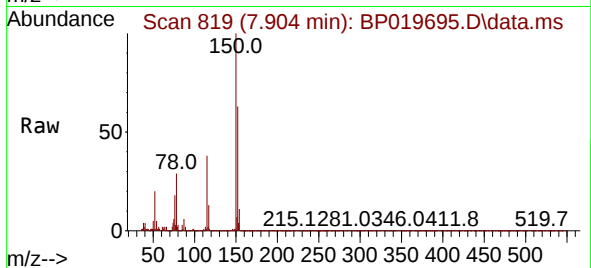
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :
BNA_P
ClientSampleId :
PB158998BS

Tgt Ion:152 Resp: 6924
Ion Ratio Lower Upper
152 100
150 158.8 121.8 182.8
115 60.4 49.9 74.9

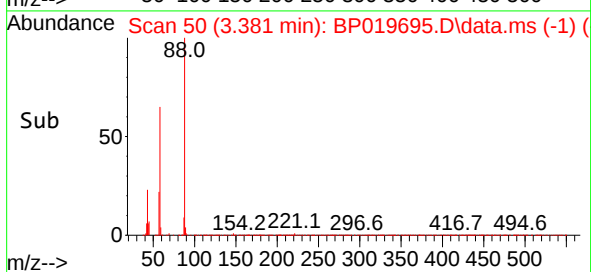
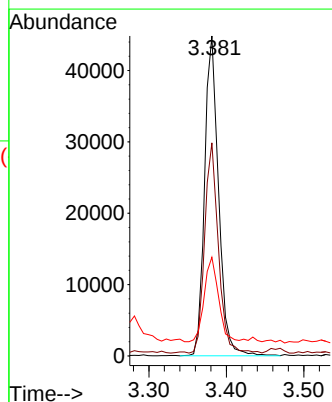
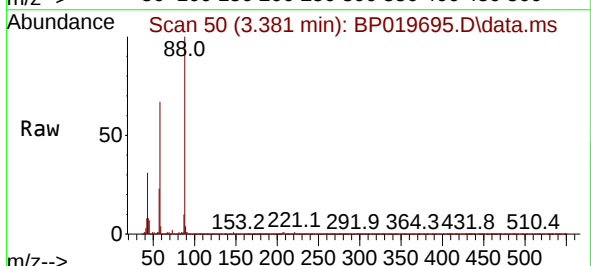
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#2
1,4-Dioxane
Concen: 33.976 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion: 88 Resp: 56234
Ion Ratio Lower Upper
88 100
58 64.9 52.6 78.8
43 26.9 21.9 32.9





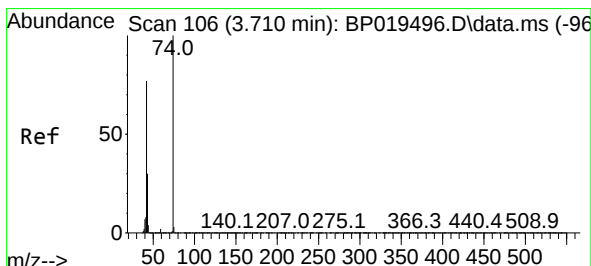
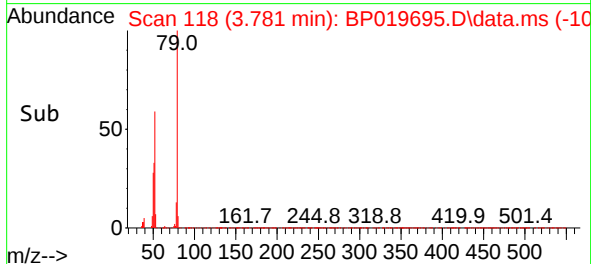
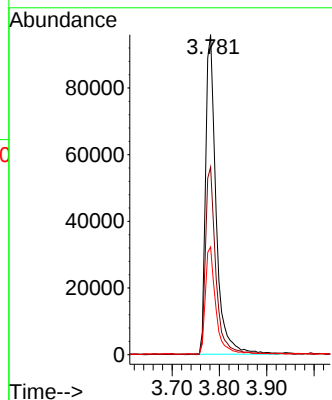
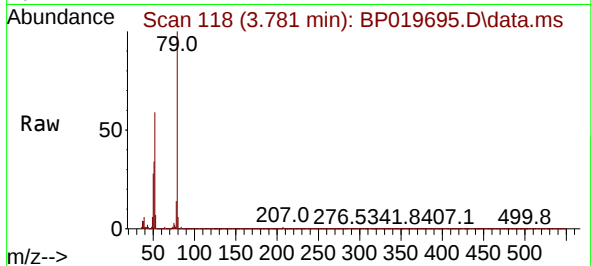
#3
Pyridine
Concen: 32.993 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :
BNA_P
ClientSampleId :
PB158998BS

Tgt Ion: 79 Resp: 148049
Ion Ratio Lower Upper
79 100
52 58.6 45.0 67.6
51 33.7 26.8 40.2

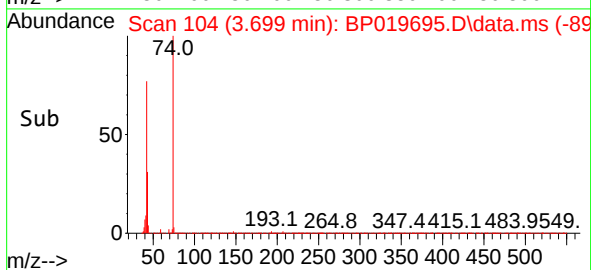
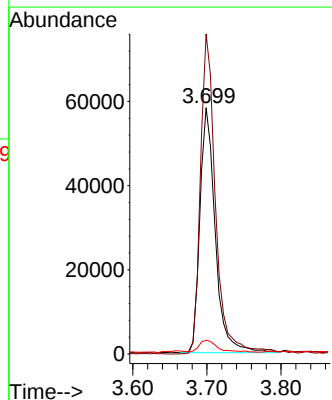
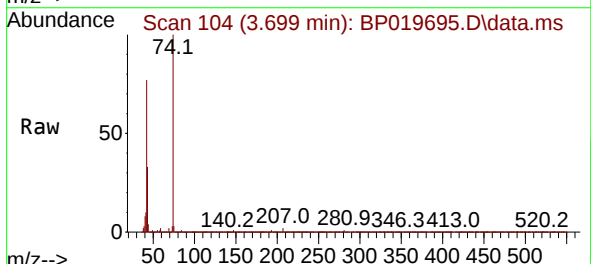
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#4
n-Nitrosodimethylamine
Concen: 43.021 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion: 42 Resp: 84048
Ion Ratio Lower Upper
42 100
74 129.9 103.4 155.2
44 5.6 4.8 7.2





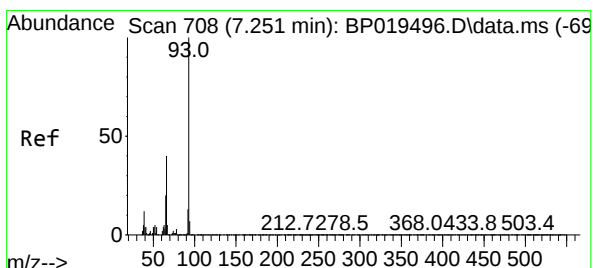
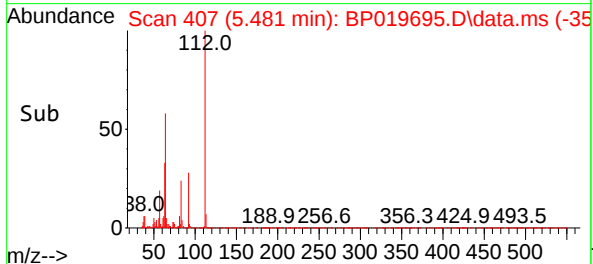
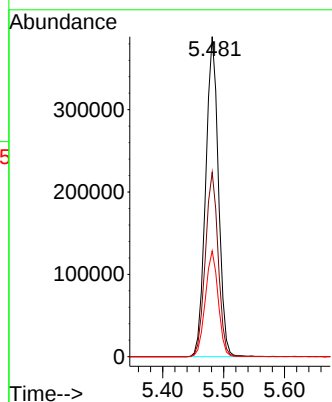
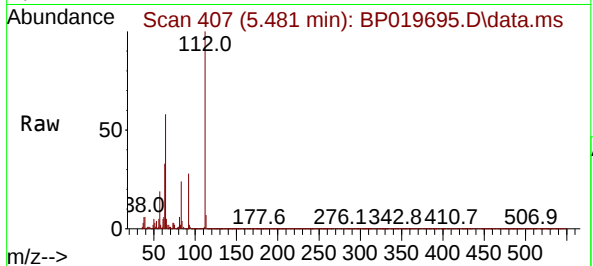
#5
2-Fluorophenol
Concen: 131.812 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :
BNA_P
ClientSampleId :
PB158998BS

Tgt Ion:112 Resp: 566254
Ion Ratio Lower Upper
112 100
64 57.6 47.4 71.0
63 33.1 27.0 40.6

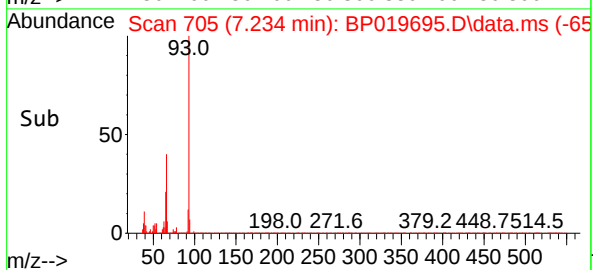
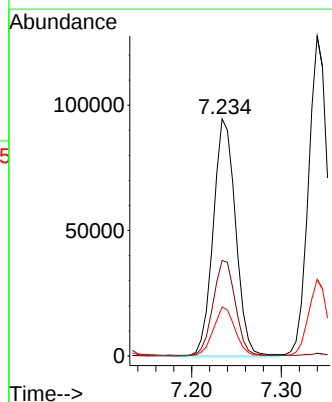
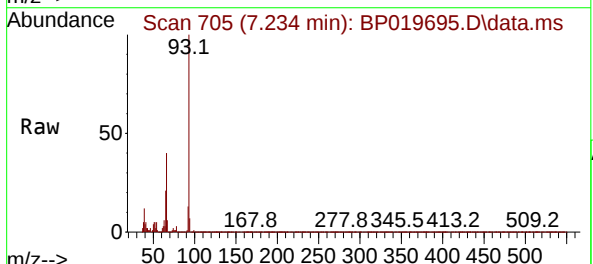
Manual Integrations
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#6
Aniline
Concen: 29.018 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.017 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

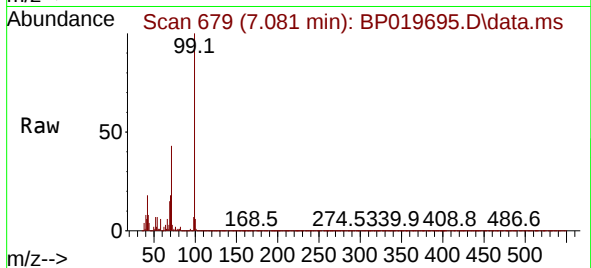
Tgt Ion: 93 Resp: 163327
Ion Ratio Lower Upper
93 100
66 40.3 32.3 48.5
65 20.6 16.4 24.6





#7
Phenol-d6
Concen: 125.603 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

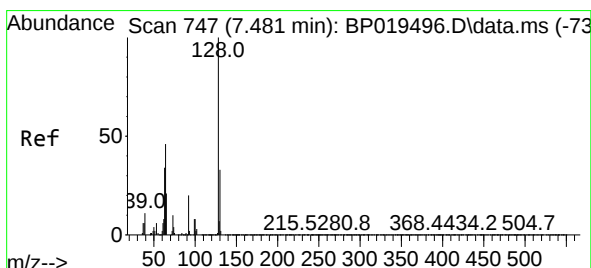
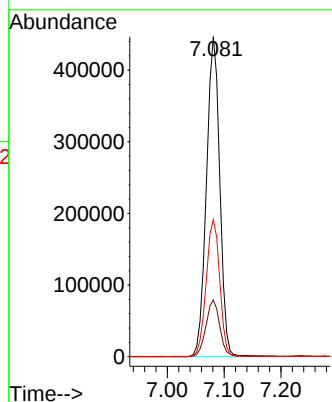
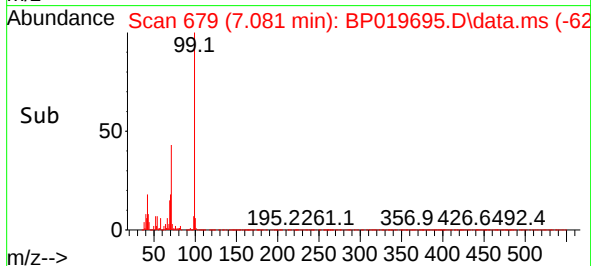
Instrument :
BNA_P
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Tgt Ion: 99 Resp: 72755
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 42.8 34.8 52.2

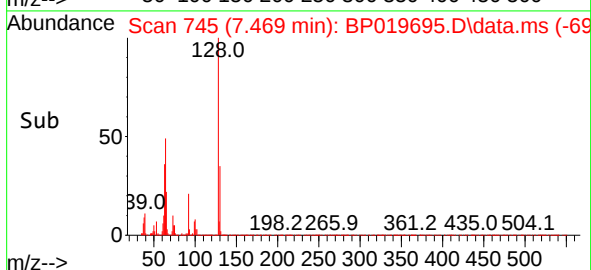
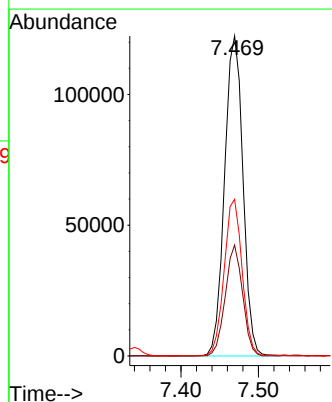
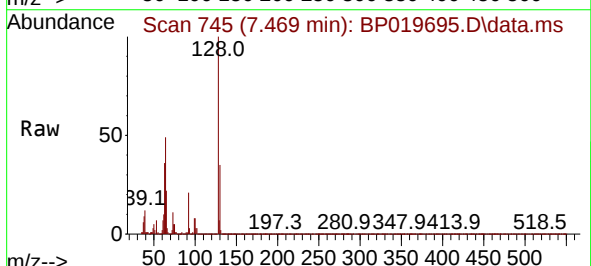
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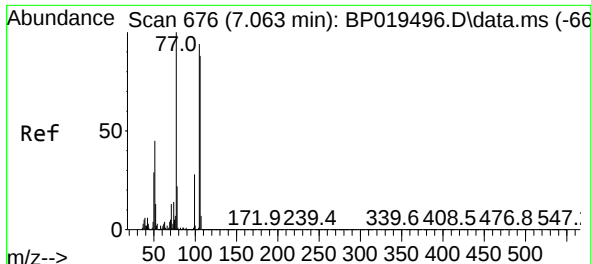
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#8
2-Chlorophenol
Concen: 45.729 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:128 Resp: 201690
Ion Ratio Lower Upper
128 100
130 34.6 13.3 53.3
64 48.9 29.7 69.7





#9
Benzaldehyde
Concen: 3.328 ng m
RT: 7.052 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

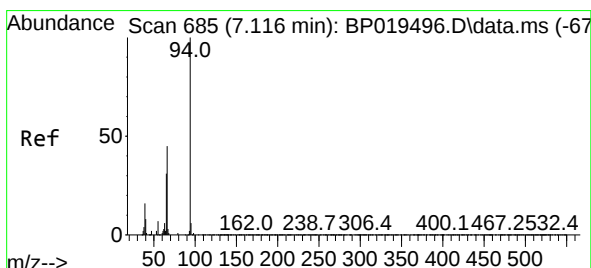
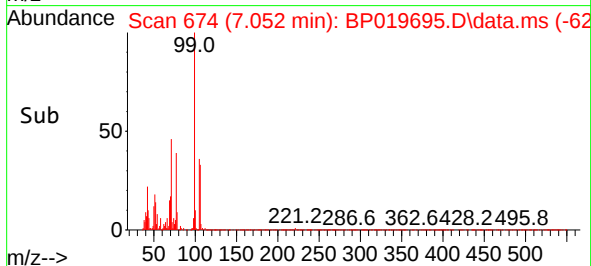
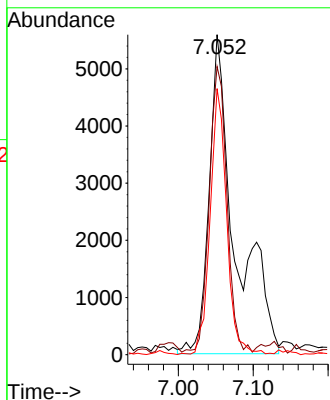
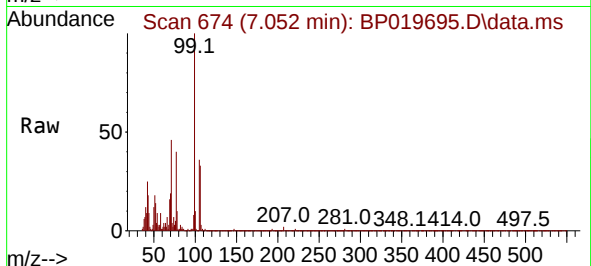
ClientSampleId :

PB158998BS

Tgt Ion: 77 Resp: 13514
Ion Ratio Lower Upper
77 100
105 90.1 74.0 114.0
106 83.1 67.8 107.8

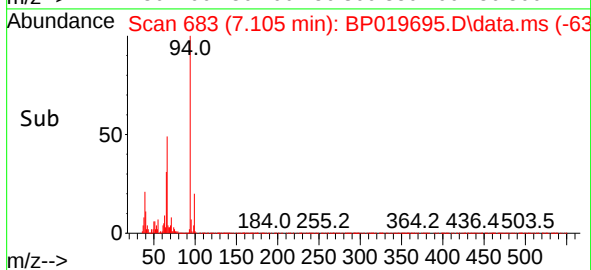
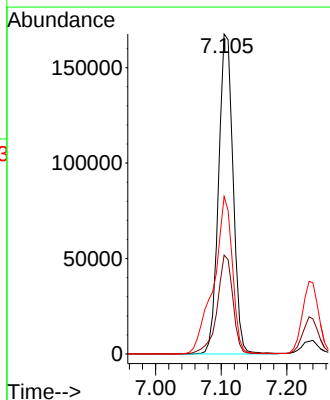
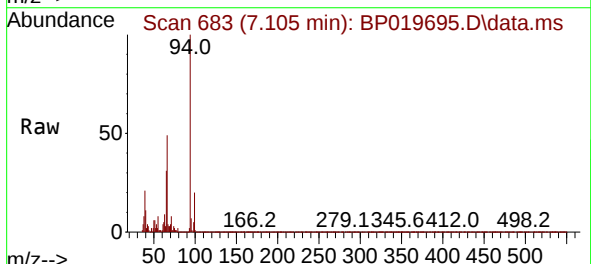
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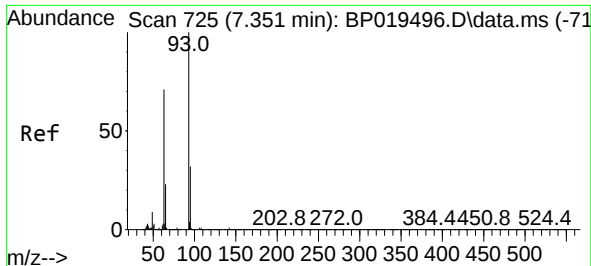
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#10
Phenol
Concen: 44.484 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

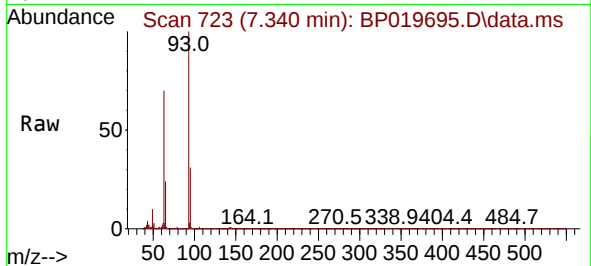
Tgt Ion: 94 Resp: 256816
Ion Ratio Lower Upper
94 100
65 30.9 11.3 51.3
66 49.2 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 42.254 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

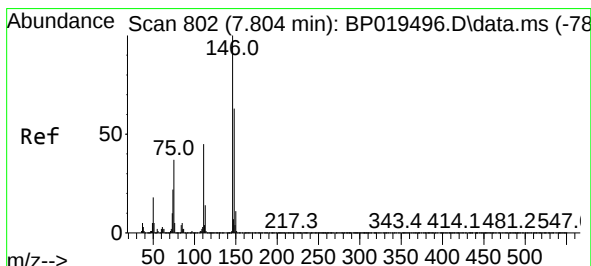
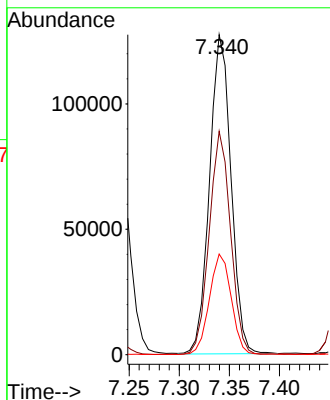
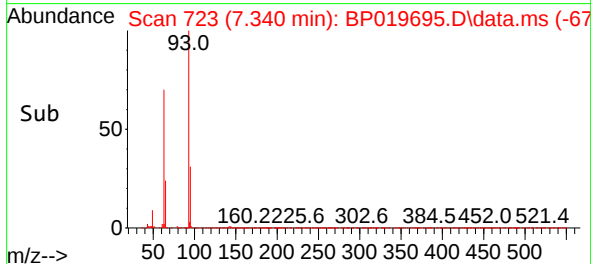
Instrument :
BNA_P
ClientSampleId :
PB158998BS



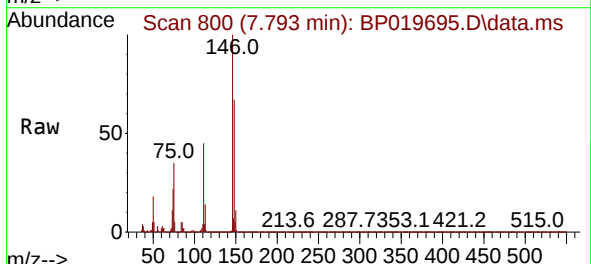
Tgt Ion: 93 Resp: 189784
Ion Ratio Lower Upper
93 100
63 69.8 51.2 91.2
95 31.4 11.8 51.8

Manual Integrations
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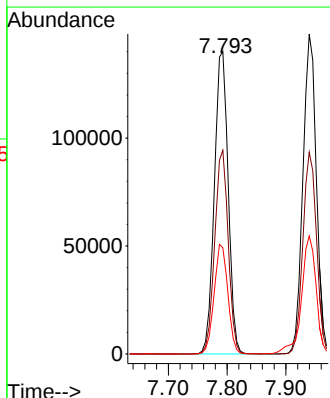
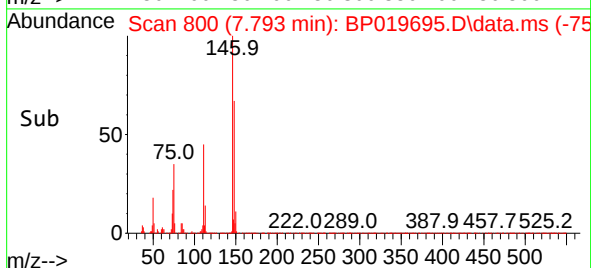
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

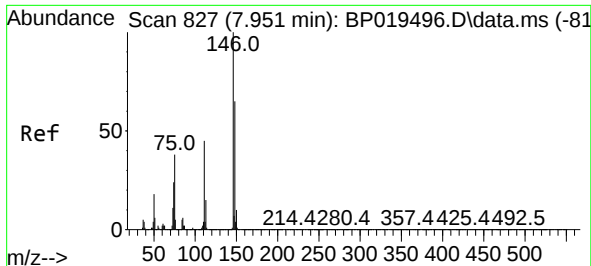


#12
1,3-Dichlorobenzene
Concen: 42.399 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26



Tgt Ion:146 Resp: 228820
Ion Ratio Lower Upper
146 100
148 67.4 50.4 75.6
75 35.2 29.9 44.9





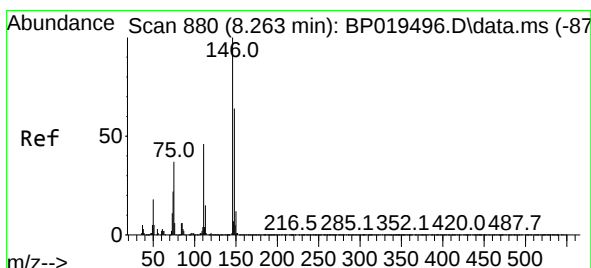
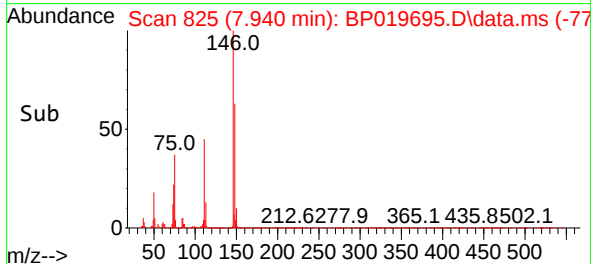
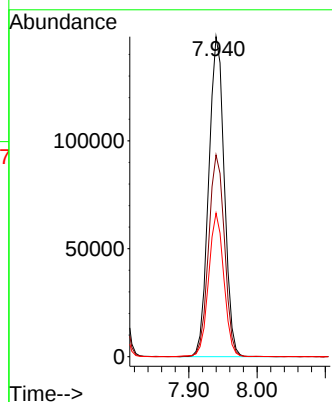
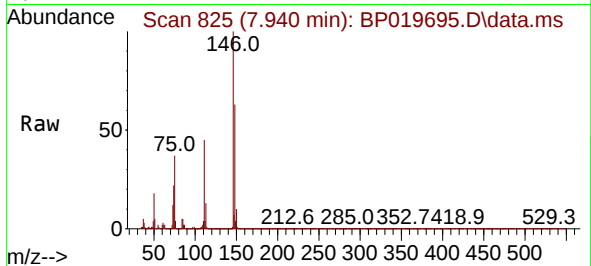
#13
1,4-Dichlorobenzene
Concen: 43.096 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :
BNA_P
ClientSampleId :
PB158998BS

Tgt Ion:146 Resp: 23563
Ion Ratio Lower Upper
146 100
148 63.0 51.9 77.9
111 44.8 35.8 53.6

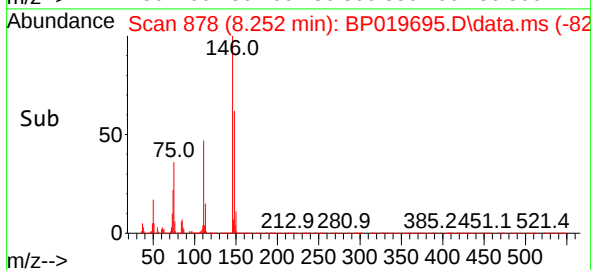
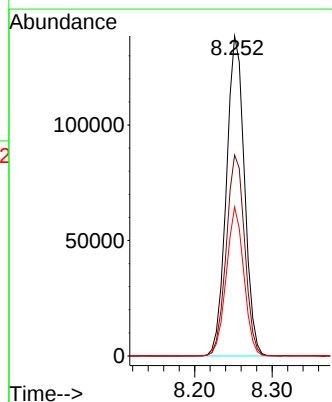
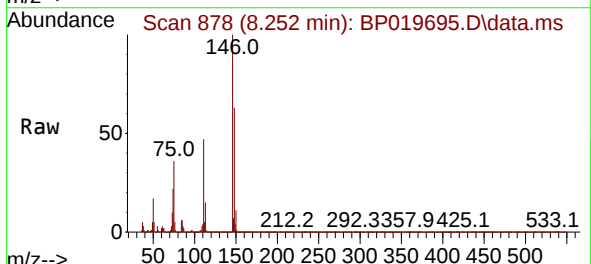
Manual Integrations
APPROVED

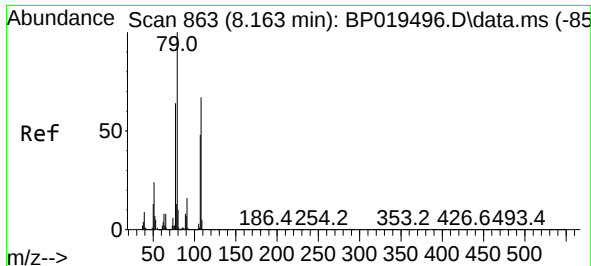
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#14
1,2-Dichlorobenzene
Concen: 42.457 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:146 Resp: 224609
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.0
111 46.6 37.0 55.6





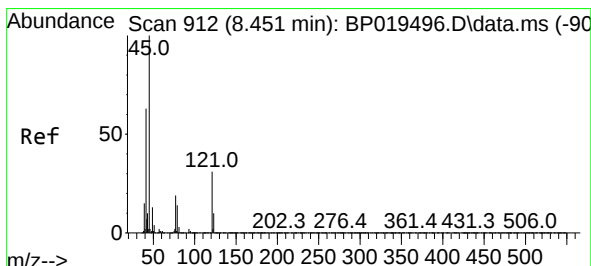
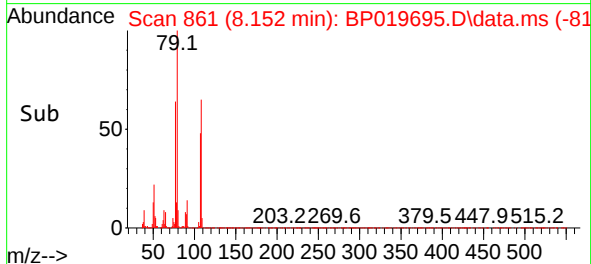
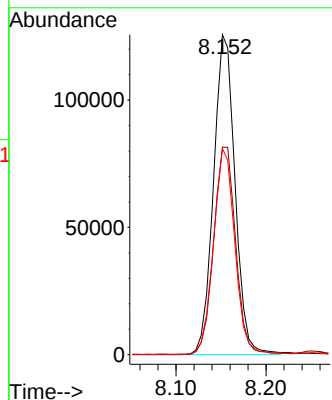
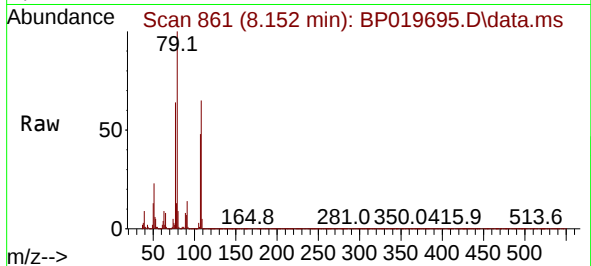
#15
Benzyl Alcohol
Concen: 45.098 ng m
RT: 8.152 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :
BNA_P
ClientSampleId :
PB158998BS

Tgt Ion: 79 Resp: 20872
Ion Ratio Lower Upper
79 100
108 64.8 53.8 80.6
77 64.4 51.3 76.9

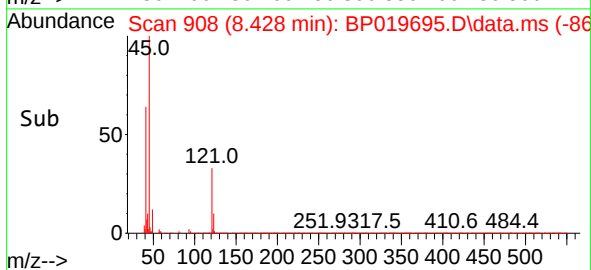
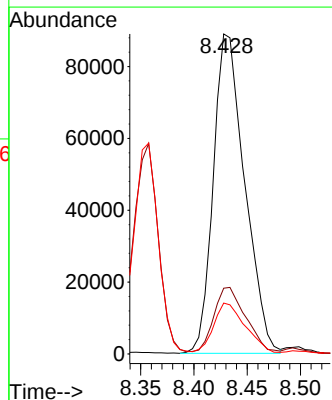
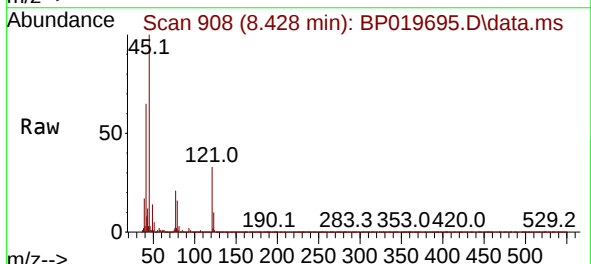
Manual Integrations
APPROVED

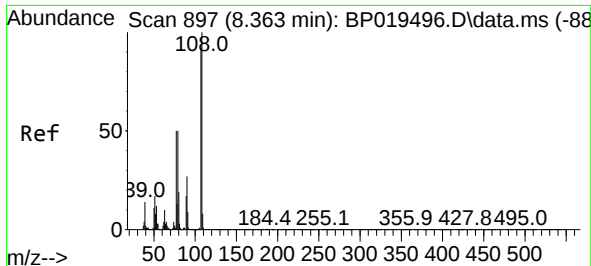
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.597 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.023 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion: 45 Resp: 182341
Ion Ratio Lower Upper
45 100
77 20.6 0.8 40.8
79 15.9 0.0 35.5





#17
2-Methylphenol
Concen: 44.344 ng
RT: 8.357 min Scan# 897
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

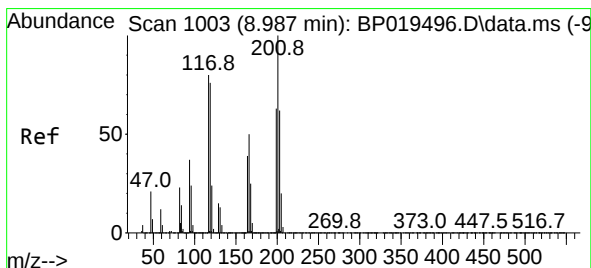
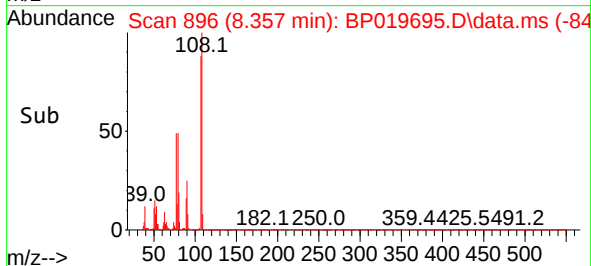
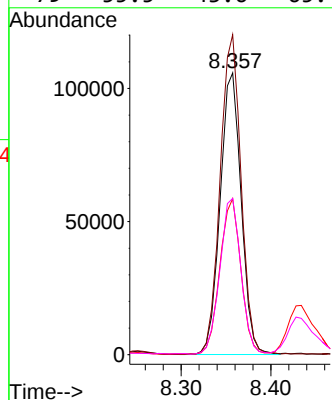
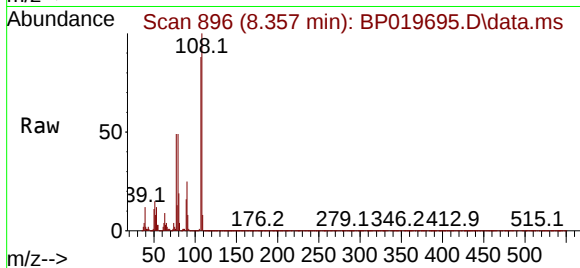
ClientSampleId :

PB158998BS

Tgt Ion:107 Resp: 17235
Ion Ratio Lower Upper
107 100
108 113.6 87.0 130.6
77 55.4 43.5 65.3
79 55.5 43.6 65.4

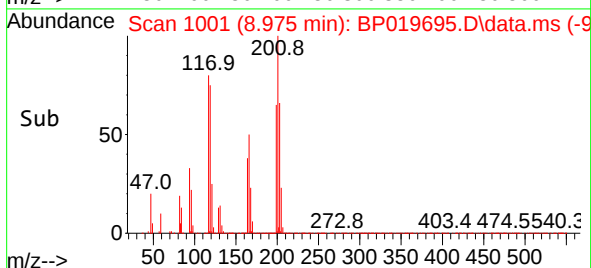
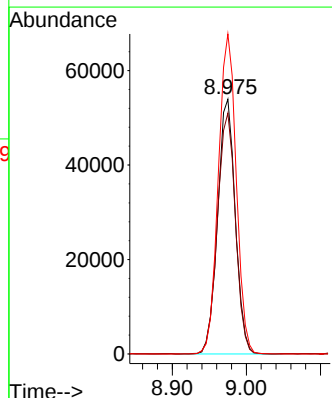
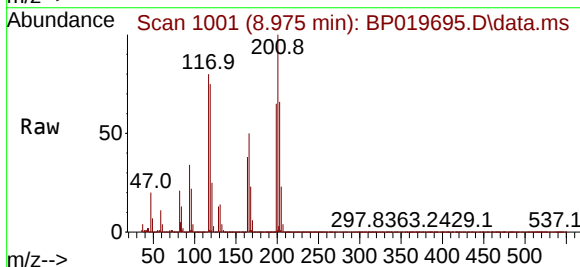
Manual Integrations
APPROVED

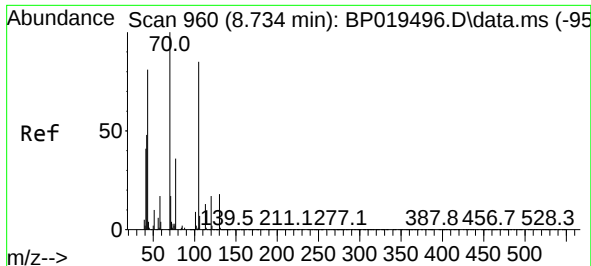
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#18
Hexachloroethane
Concen: 42.125 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:117 Resp: 89276
Ion Ratio Lower Upper
117 100
119 94.5 75.5 113.3
201 125.6 99.4 149.2





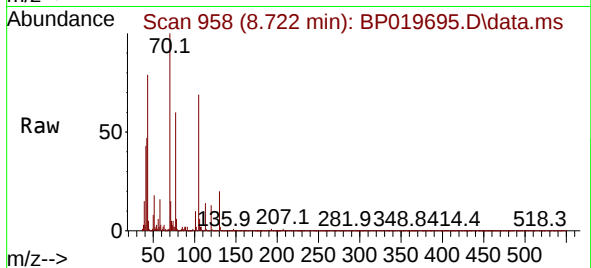
#19
n-Nitroso-di-n-propylamine
Concen: 40.326 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB158998BS



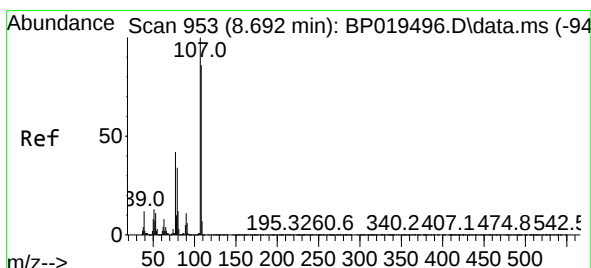
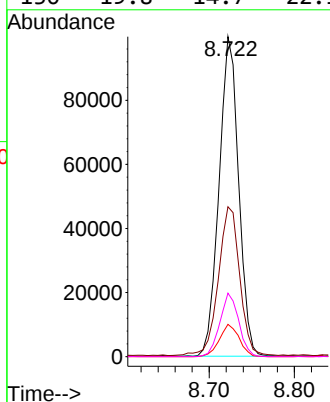
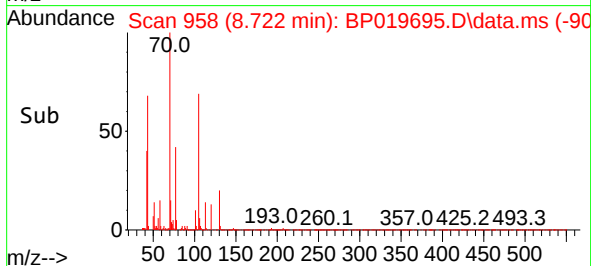
Tgt Ion: 70 Resp: 15955
Ion Ratio Lower Upper
70 100
42 46.9 39.2 58.8
101 10.1 7.3 10.9
130 19.8 14.7 22.1

Manual Integrations

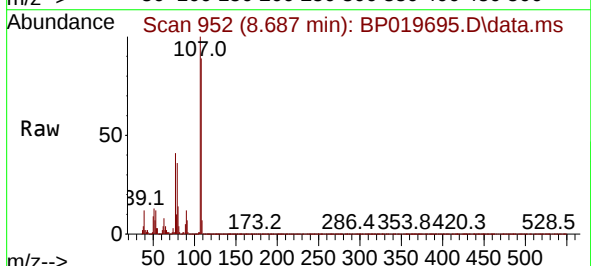
APPROVED

Reviewed By :Yogesh Patel 02/15/2024

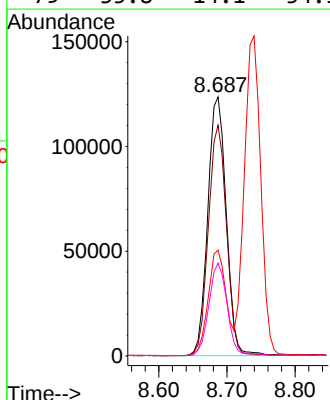
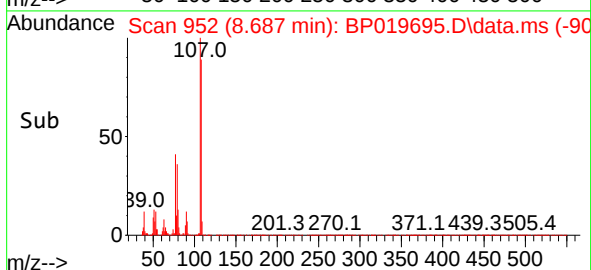
Supervised By :mohammad ahmed 02/15/2024



#20
3+4-Methylphenols
Concen: 44.081 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26



Tgt Ion:107 Resp: 233829
Ion Ratio Lower Upper
107 100
108 89.1 65.5 105.5
77 40.8 21.8 61.8
79 35.8 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

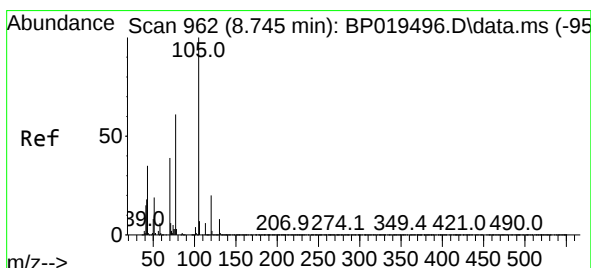
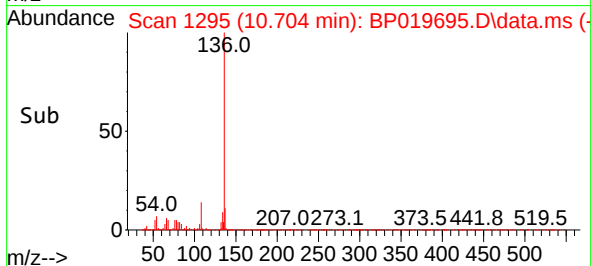
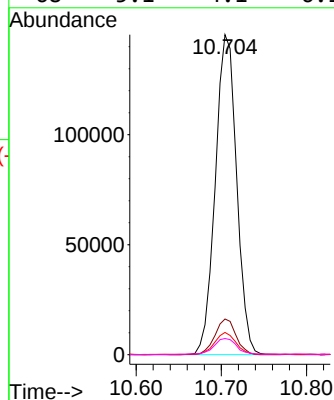
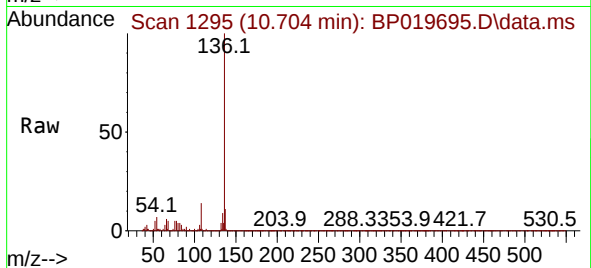
PB158998BS

Tgt Ion:136 Resp: 253060
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 5.3 7.9
68 5.1 4.1 6.1

Manual Integrations

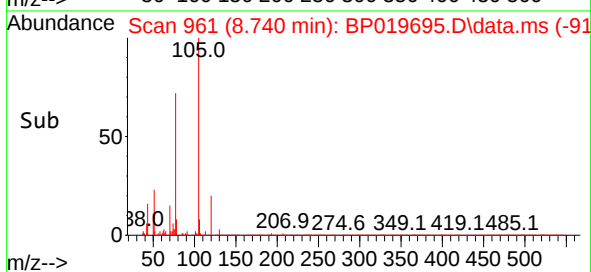
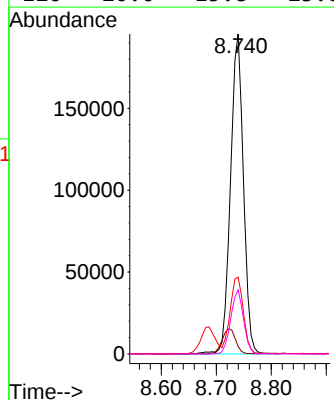
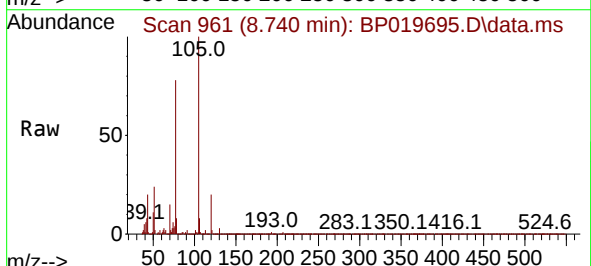
APPROVED

Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#22
Acetophenone
Concen: 44.256 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:105 Resp: 319056
Ion Ratio Lower Upper
105 100
71 2.4 4.9 7.3#
51 24.0 20.7 31.1
120 20.0 15.8 23.8





#23
Nitrobenzene-d5
Concen: 84.273 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

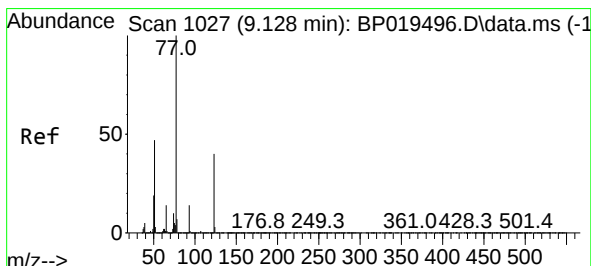
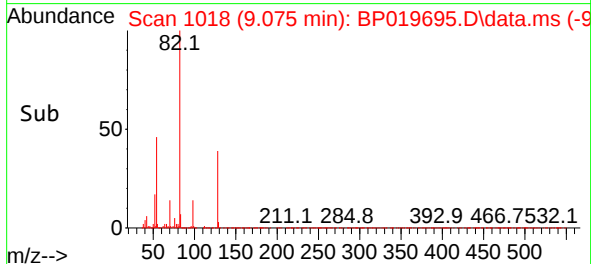
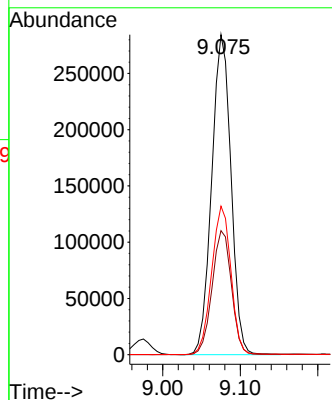
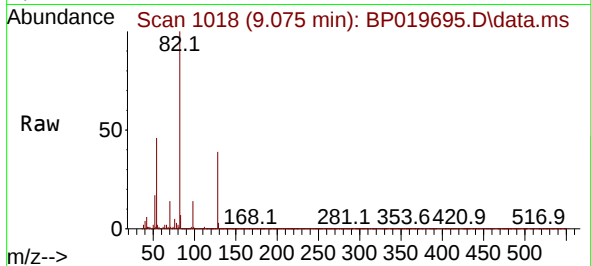
ClientSampleId :

PB158998BS

Tgt Ion: 82 Resp: 49216
Ion Ratio Lower Upper
82 100
128 38.8 29.7 44.5
54 46.4 36.8 55.2

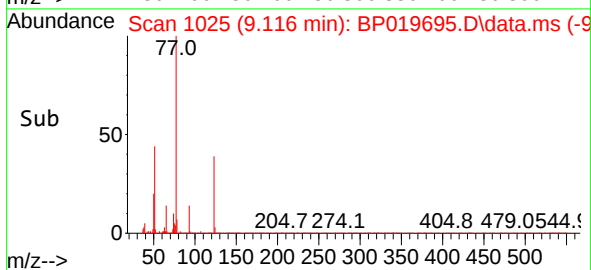
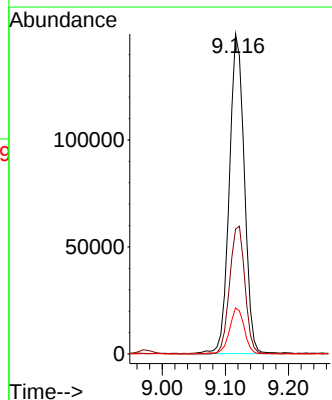
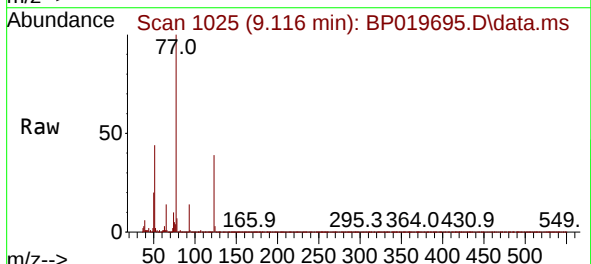
Manual Integrations
APPROVED

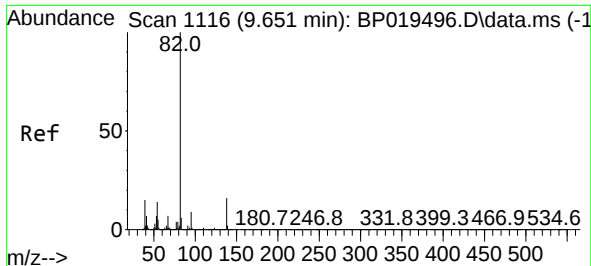
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#24
Nitrobenzene
Concen: 41.961 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

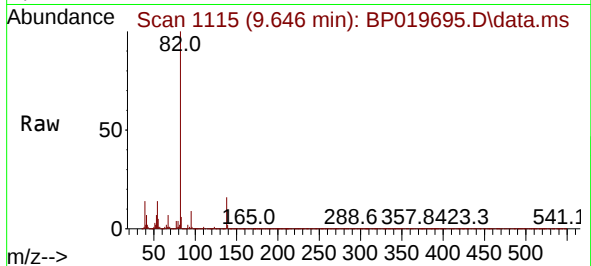
Tgt Ion: 77 Resp: 246737
Ion Ratio Lower Upper
77 100
123 39.0 32.3 48.5
65 14.4 11.6 17.4





#25
Isophorone
Concen: 42.521 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

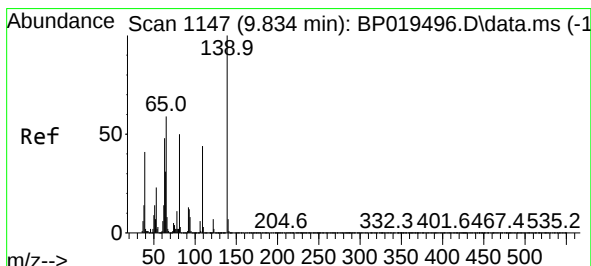
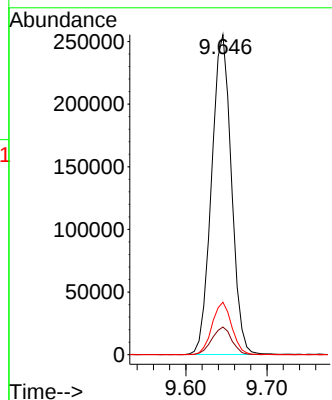
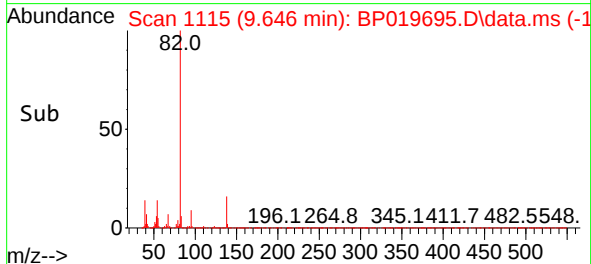
Instrument :
BNA_P
ClientSampleId :
PB158998BS



Tgt Ion: 82 Resp: 432470
Ion Ratio Lower Upper
82 100
95 8.6 7.0 10.4
138 16.4 13.1 19.7

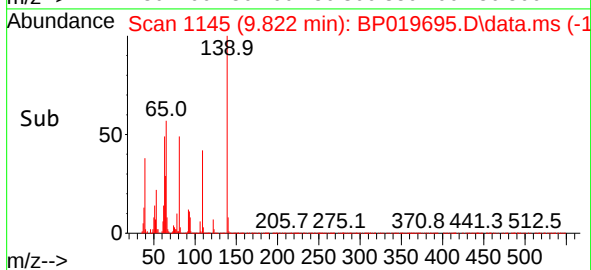
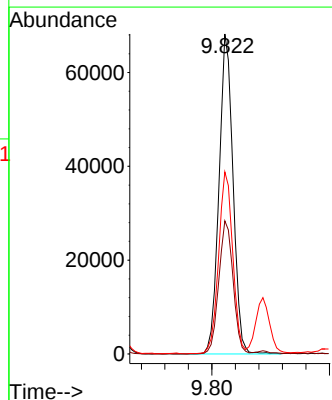
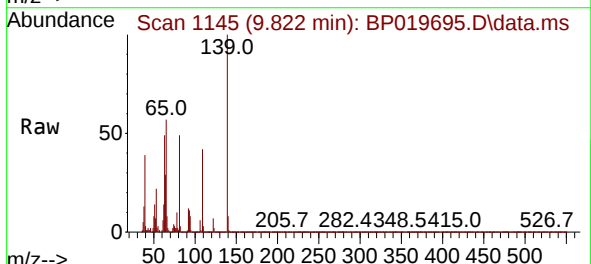
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#26
2-Nitrophenol
Concen: 50.298 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:139 Resp: 112771
Ion Ratio Lower Upper
139 100
109 41.6 34.9 52.3
65 56.9 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 52.852 ng
RT: 9.887 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB158998BS

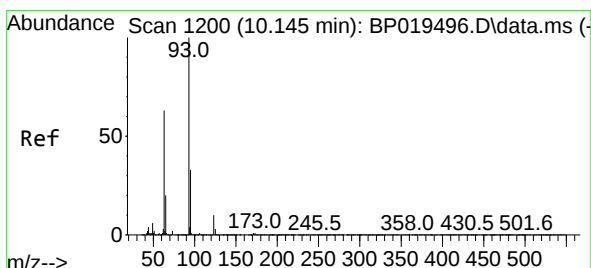
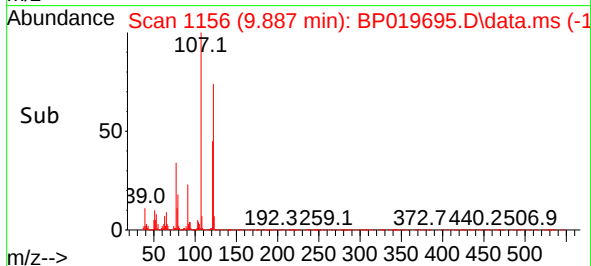
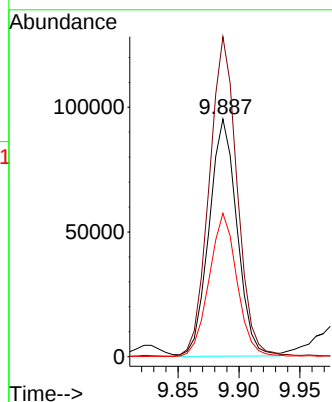
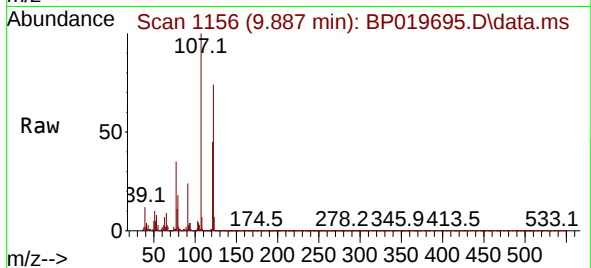
Tgt Ion:122 Resp: 15152
Ion Ratio Lower Upper
122 100
107 134.7 105.9 158.9
121 60.3 47.5 71.3

Manual Integrations

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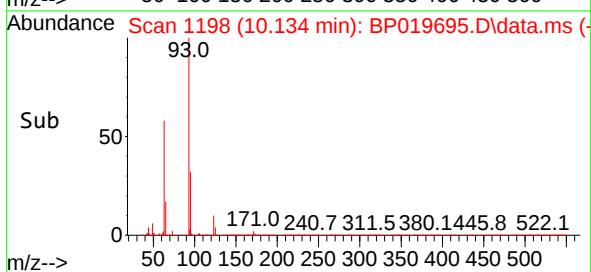
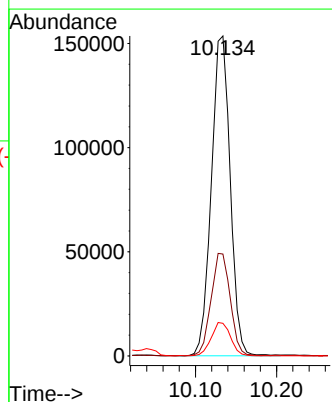
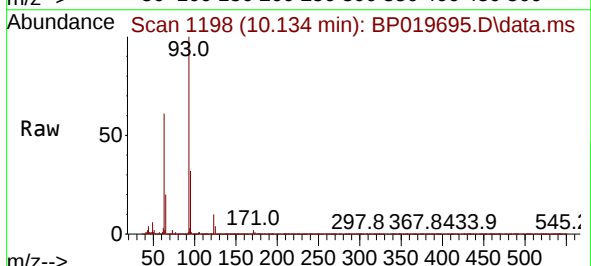
Reviewed By :Yogesh Patel 02/15/2024

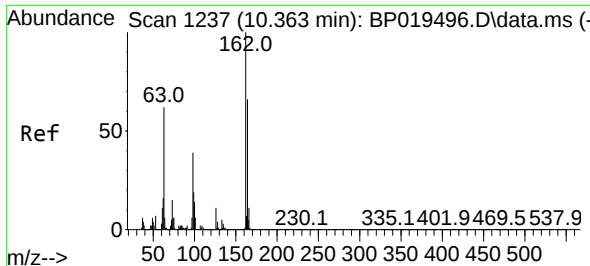
Supervised By :mohammad ahmed 02/15/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.014 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion: 93 Resp: 247526
Ion Ratio Lower Upper
93 100
95 31.9 26.2 39.4
123 10.2 8.5 12.7





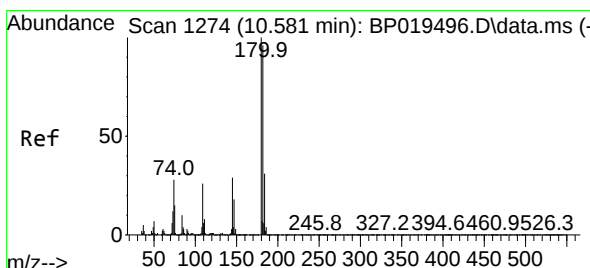
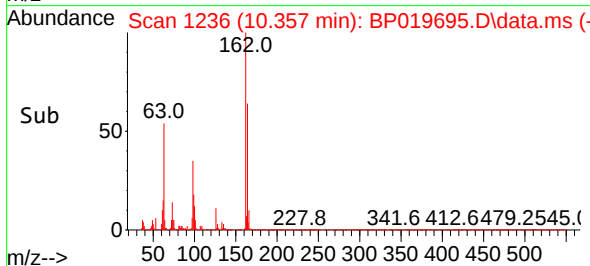
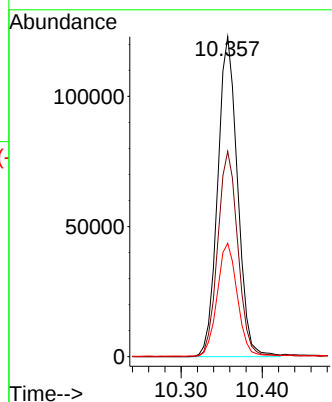
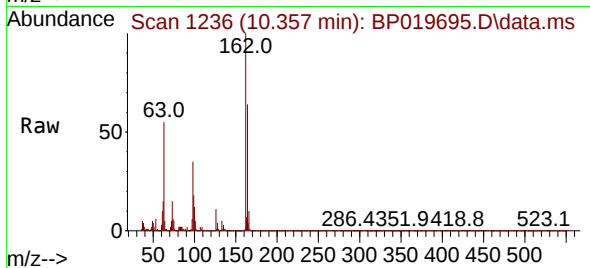
#29
2,4-Dichlorophenol
Concen: 48.260 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :
BNA_P
ClientSampleId :
PB158998BS

Tgt Ion:162 Resp: 209148
Ion Ratio Lower Upper
162 100
164 64.2 46.0 86.0
98 35.4 18.7 58.7

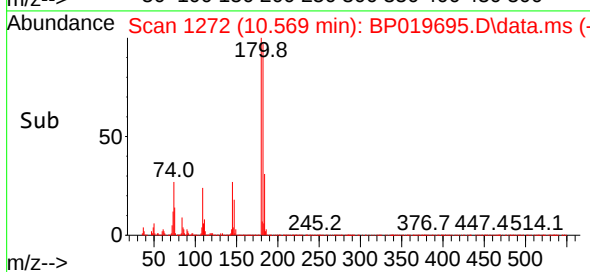
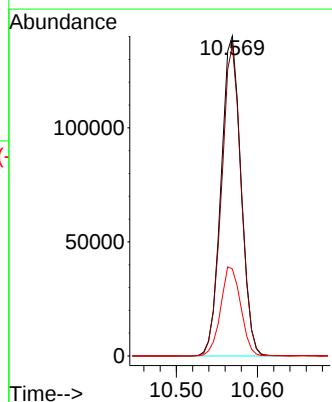
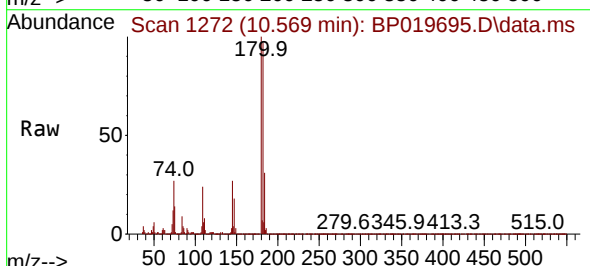
Manual Integrations
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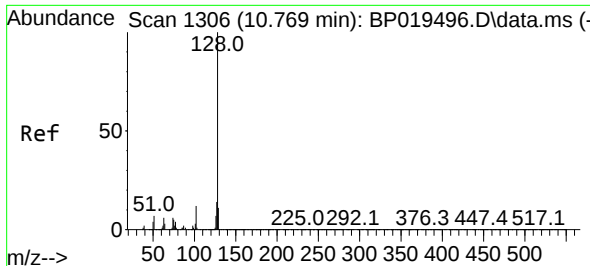
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.947 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:180 Resp: 238834
Ion Ratio Lower Upper
180 100
182 97.0 77.0 115.6
145 27.2 23.2 34.8





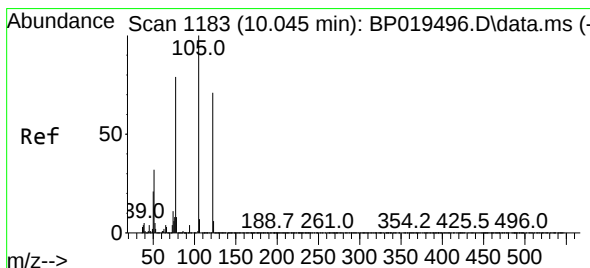
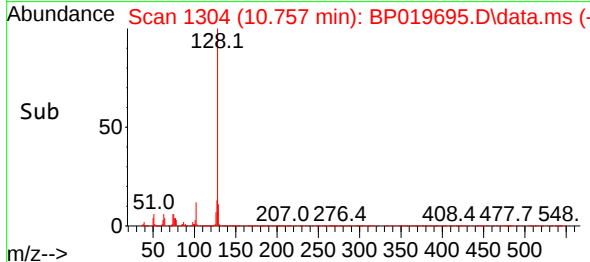
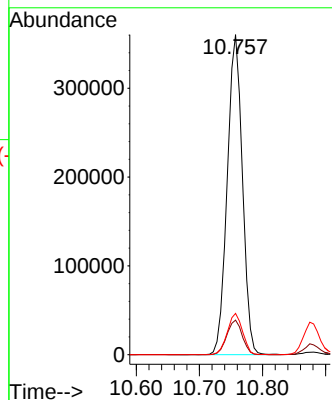
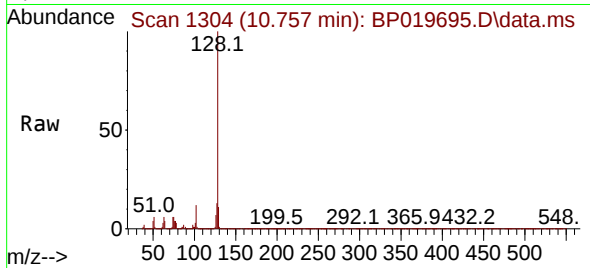
#31
Naphthalene
Concen: 43.182 ng
RT: 10.757 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :
BNA_P
ClientSampleId :
PB158998BS

Tgt Ion:128 Resp: 599339
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.8 16.2

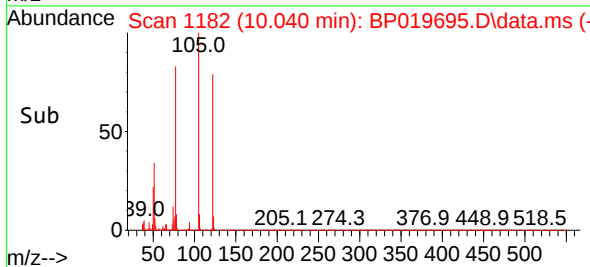
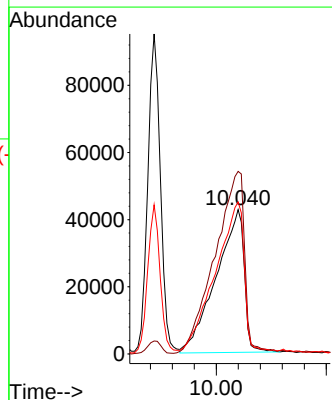
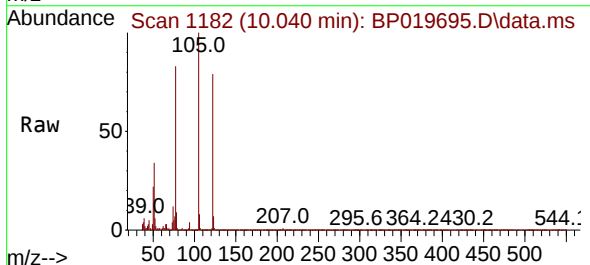
Manual Integrations
APPROVED

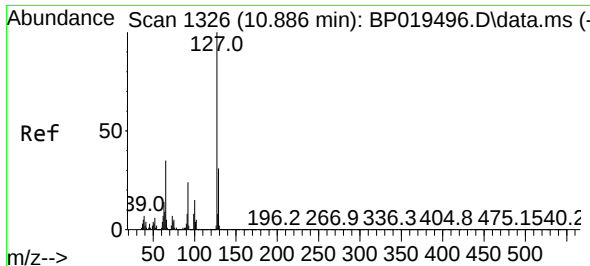
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#32
Benzoic acid
Concen: 53.866 ng
RT: 10.040 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:122 Resp: 150459
Ion Ratio Lower Upper
122 100
105 126.5 118.8 158.8
77 105.3 91.7 131.7





#33
4-Chloroaniline
Concen: 13.187 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB158998BS

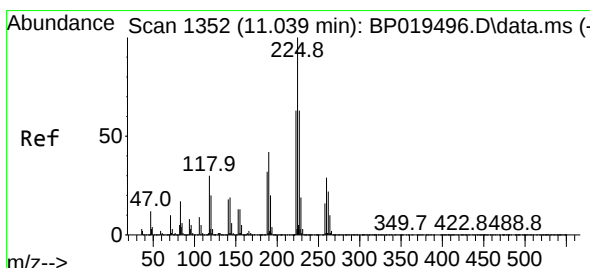
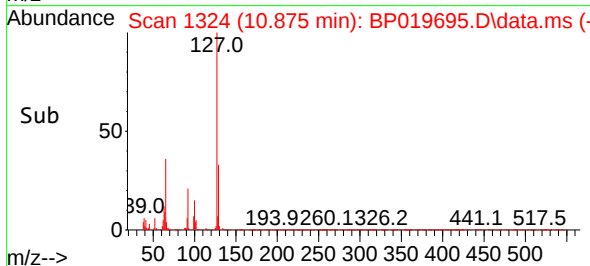
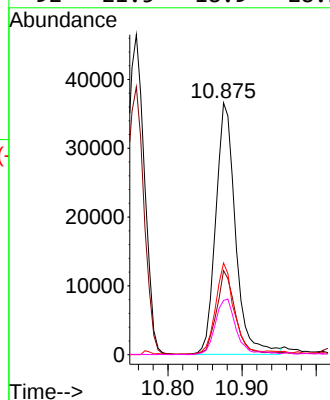
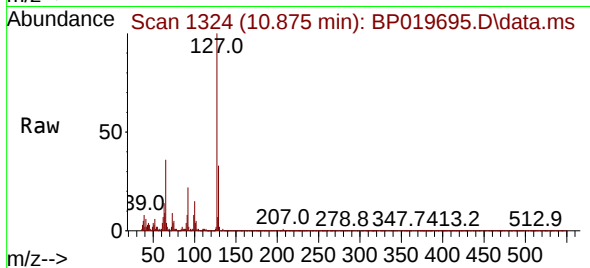
Tgt Ion:	127	Resp:	6768
Ion Ratio	Lower	Upper	
127	100		
129	33.4	24.6	36.8
65	36.4	28.2	42.4
92	21.5	18.9	28.3

Manual Integrations

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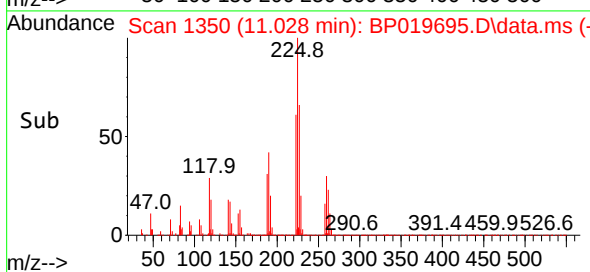
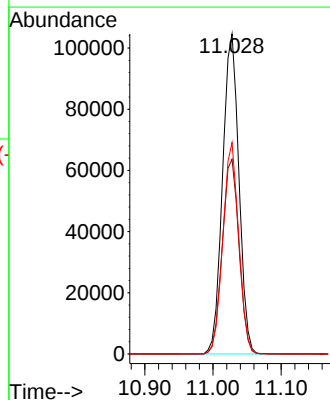
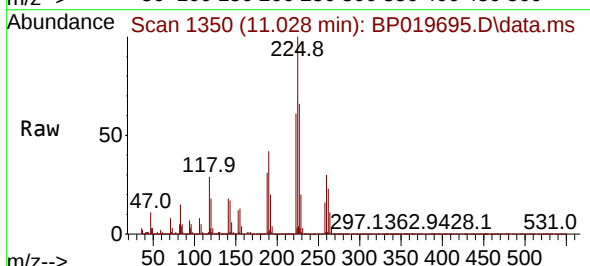
Reviewed By :Yogesh Patel 02/15/2024

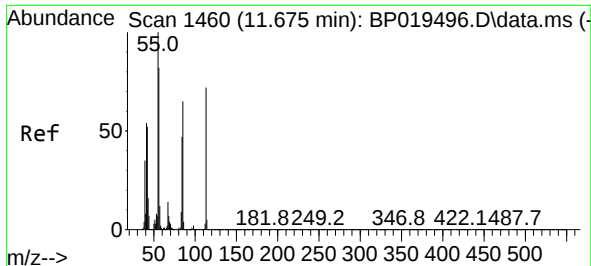
Supervised By :mohammad ahmed 02/15/2024



#34
Hexachlorobutadiene
Concen: 44.243 ng
RT: 11.028 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

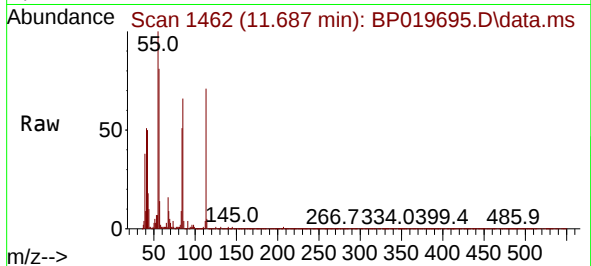
Tgt Ion:	225	Resp:	174214
Ion Ratio	Lower	Upper	
225	100		
223	60.8	50.5	75.7
227	66.1	50.2	75.2





#35
Caprolactam
Concen: 51.288 ng
RT: 11.687 min Scan# 1462
Delta R.T. 0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

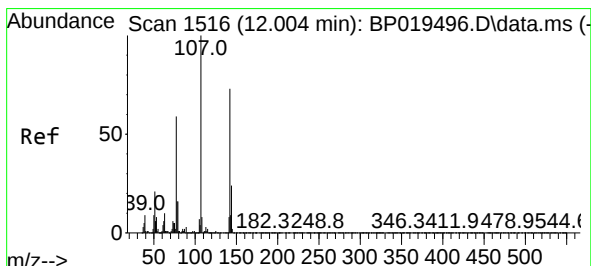
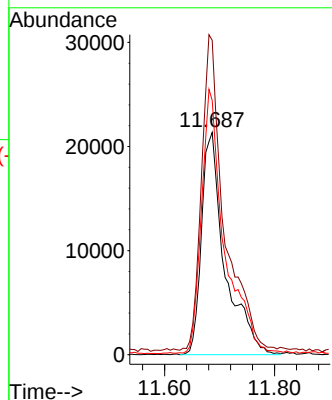
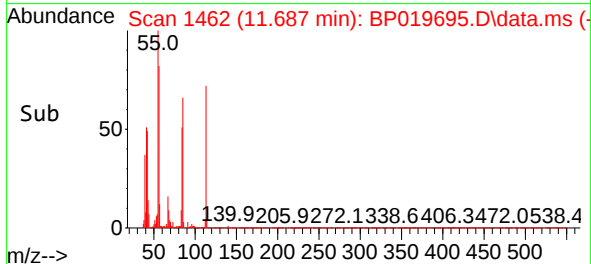
Instrument :
BNA_P
ClientSampleId :
PB158998BS



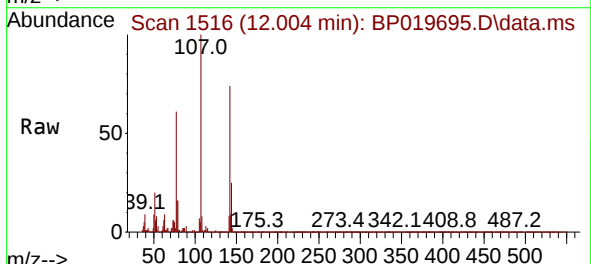
Tgt Ion:113 Resp: 6292
Ion Ratio Lower Upper
113 100
55 141.4 120.0 160.0
56 114.5 94.0 134.0

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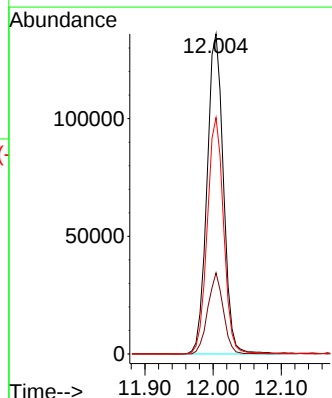
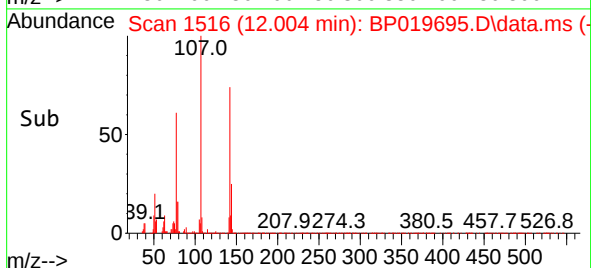
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

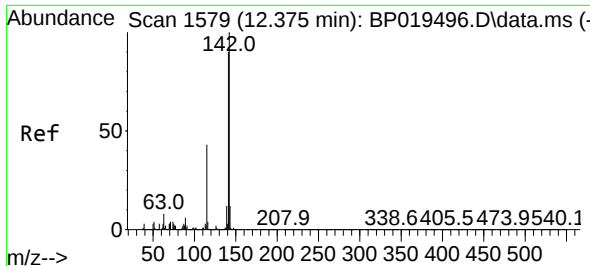


#36
4-Chloro-3-methylphenol
Concen: 48.187 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26



Tgt Ion:107 Resp: 227704
Ion Ratio Lower Upper
107 100
144 25.3 19.0 28.4
142 73.9 58.6 88.0





#37
2-Methylnaphthalene
Concen: 44.114 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

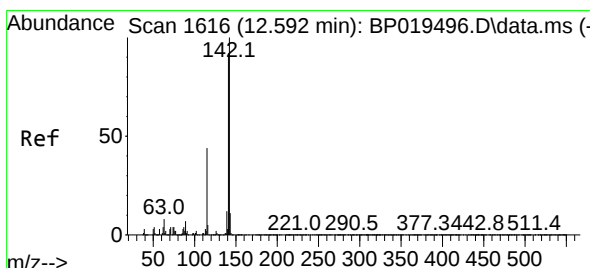
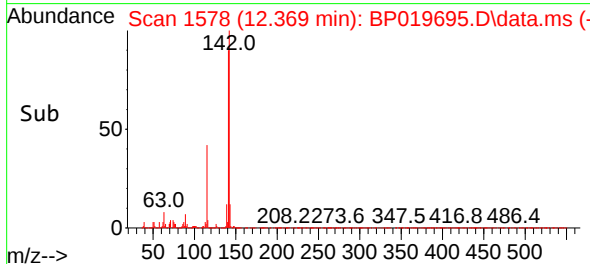
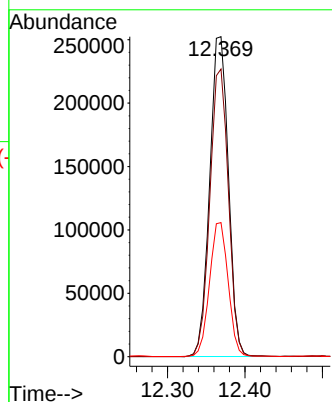
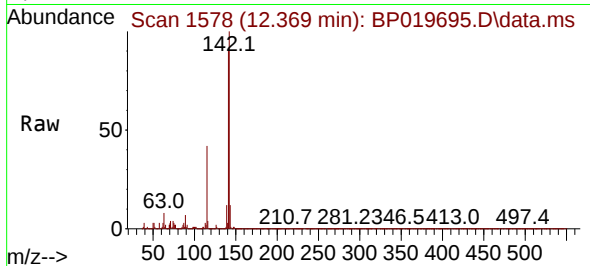
ClientSampleId :

PB158998BS

Tgt Ion:142 Resp: 42372
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.4
115 41.9 34.2 51.2

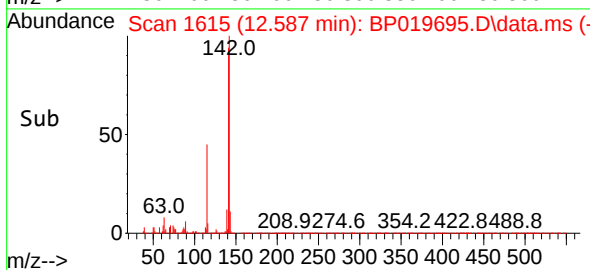
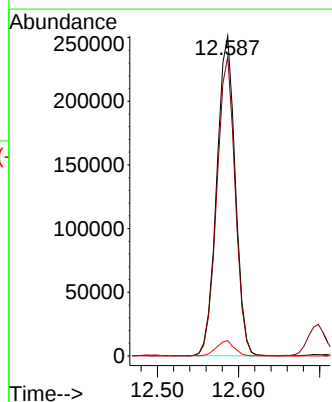
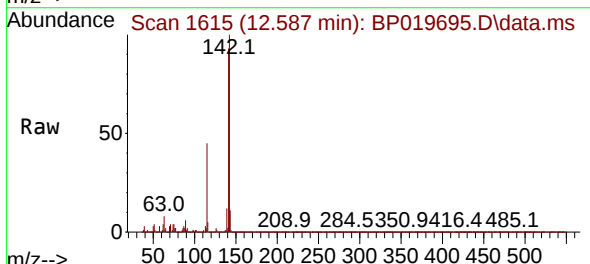
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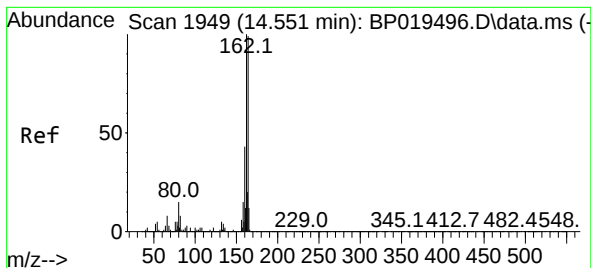
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#38
1-Methylnaphthalene
Concen: 42.263 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:142 Resp: 398924
Ion Ratio Lower Upper
142 100
141 93.5 74.0 111.0
116 4.8 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB158998BS

Tgt Ion:164 Resp: 16583

Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

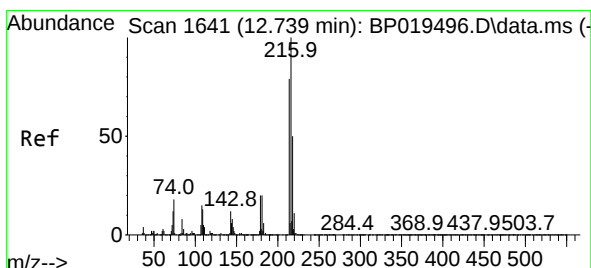
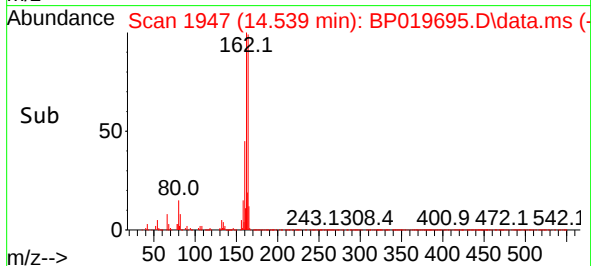
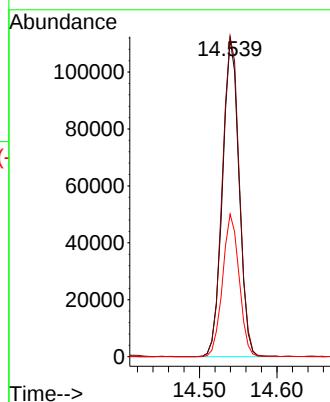
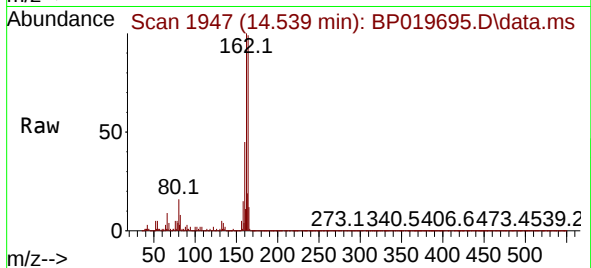
160 44.8 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.446 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

Tgt Ion:216 Resp: 297044

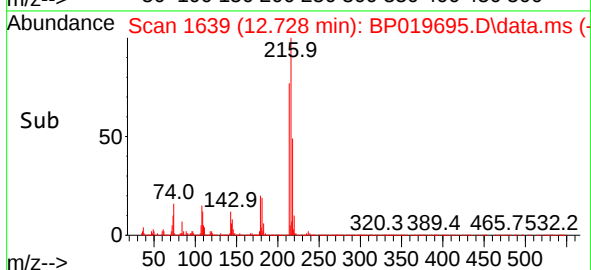
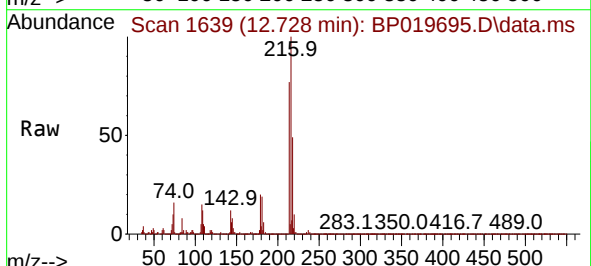
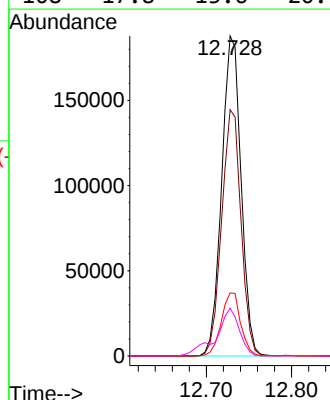
Ion Ratio Lower Upper

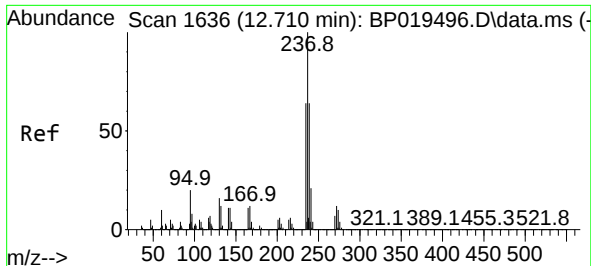
216 100

214 76.9 62.8 94.2

179 19.7 16.6 24.8

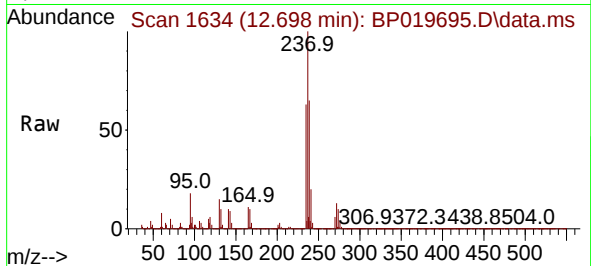
108 17.8 13.6 20.4





#41
Hexachlorocyclopentadiene
Concen: 134.753 ng
RT: 12.698 min Scan# 1634
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

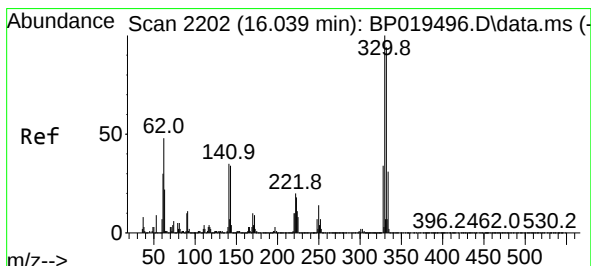
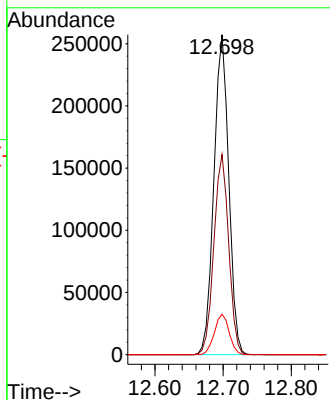
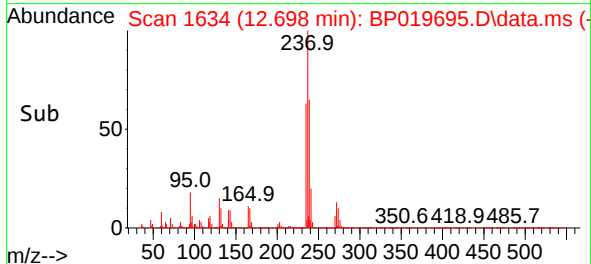
Instrument :
BNA_P
ClientSampleId :
PB158998BS



Tgt Ion:237 Resp: 389324
Ion Ratio Lower Upper
237 100
235 62.5 43.7 83.7
272 12.7 0.0 32.4

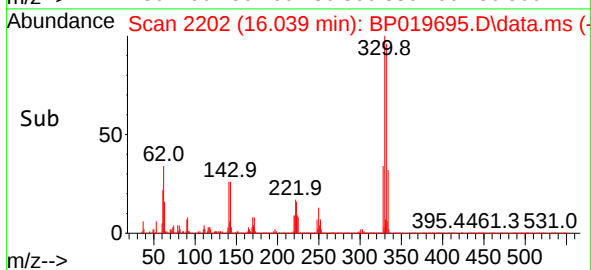
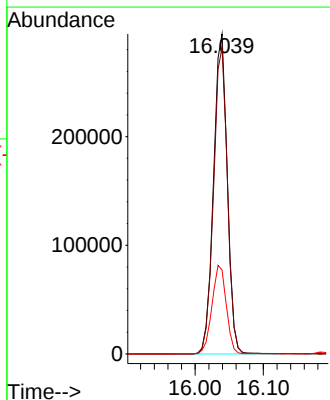
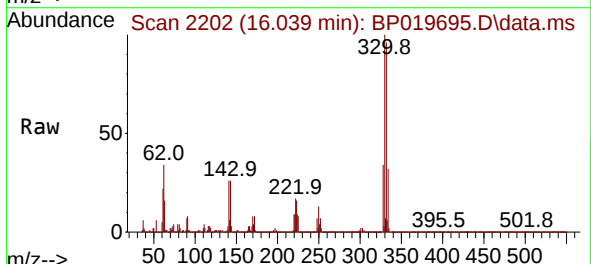
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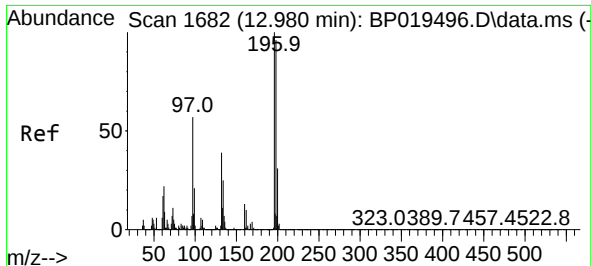
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#42
2,4,6-Tribromophenol
Concen: 170.689 ng
RT: 16.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:330 Resp: 413282
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 28.9 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 49.265 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

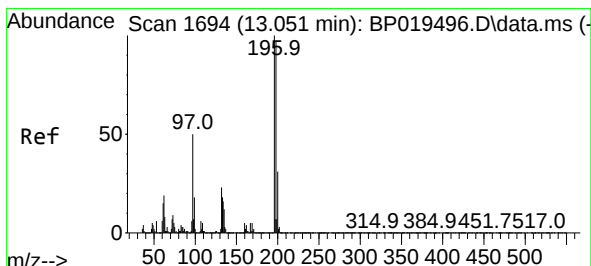
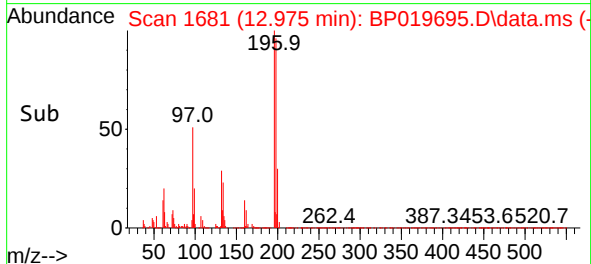
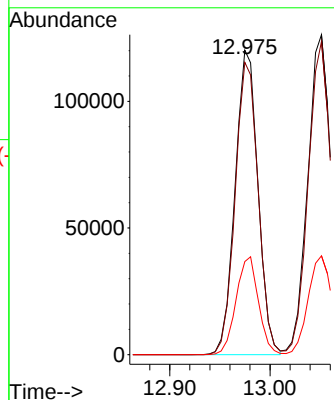
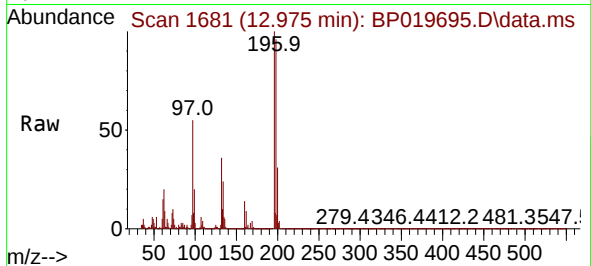
ClientSampleId :

PB158998BS

Tgt Ion:196 Resp: 190780
Ion Ratio Lower Upper
196 100
198 96.0 76.7 115.1
200 30.6 24.6 36.8

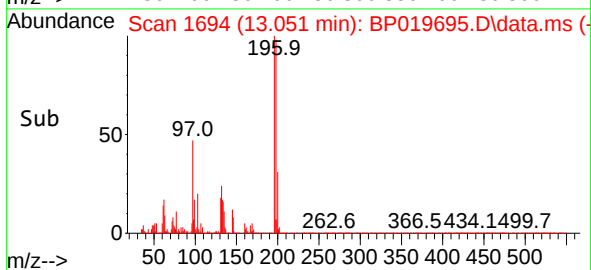
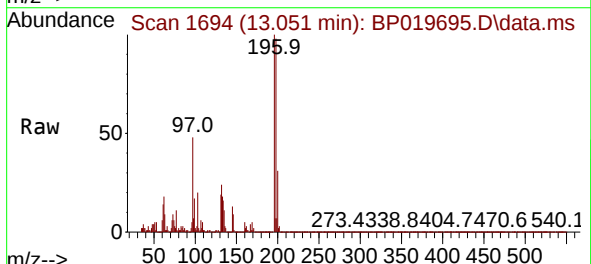
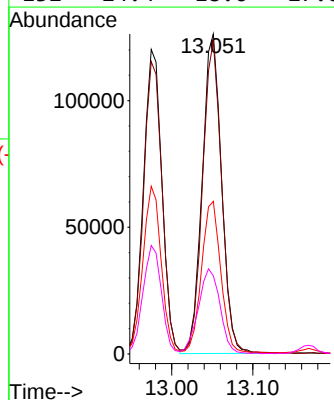
Manual Integrations
APPROVED

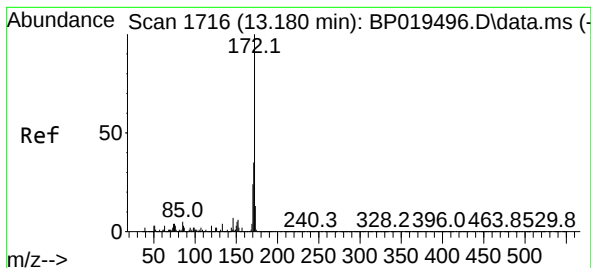
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#44
2,4,5-Trichlorophenol
Concen: 49.130 ng
RT: 13.051 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:196 Resp: 208921
Ion Ratio Lower Upper
196 100
198 97.9 77.5 116.3
97 47.7 39.9 59.9
132 24.4 18.6 27.8





#45
2-Fluorobiphenyl
Concen: 86.225 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

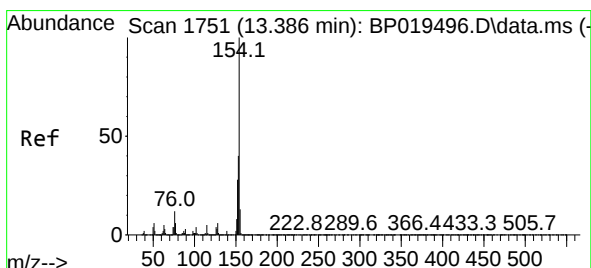
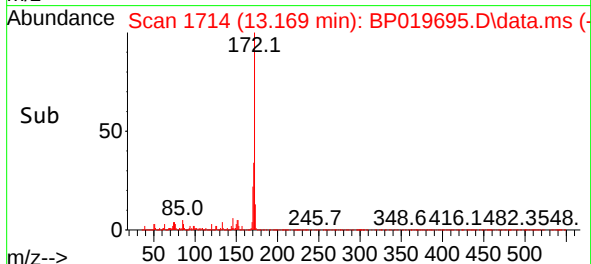
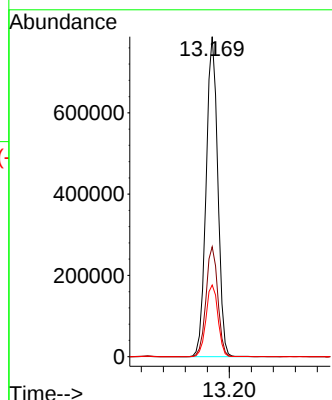
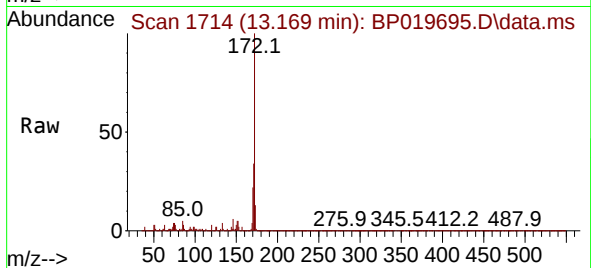
PB158998BS

Tgt Ion:172 Resp: 1156640
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.4
170 22.4 18.9 28.3

Manual Integrations

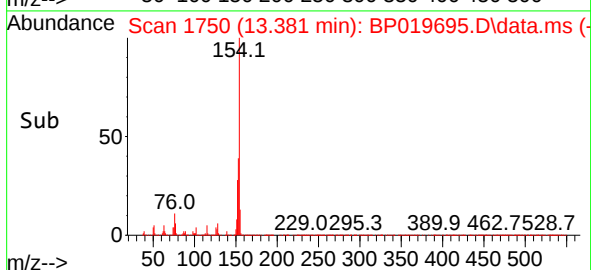
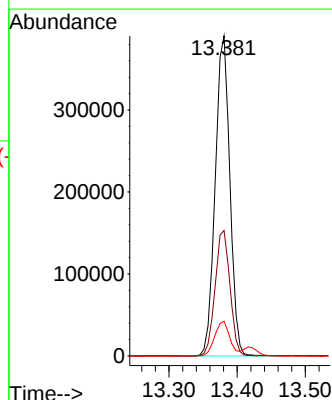
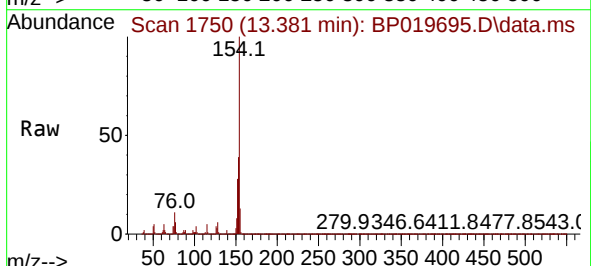
APPROVED

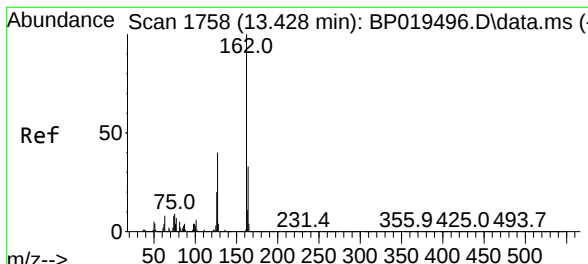
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#46
1,1'-Biphenyl
Concen: 44.022 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:154 Resp: 582648
Ion Ratio Lower Upper
154 100
153 39.2 20.2 60.2
76 10.9 0.0 31.6





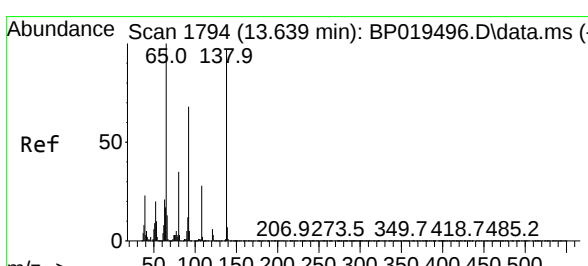
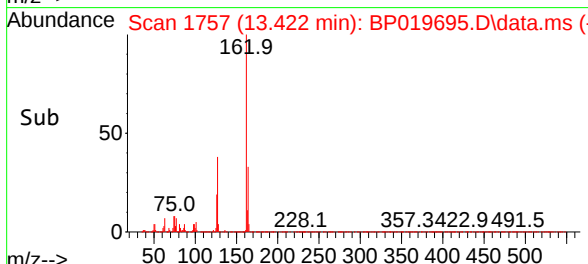
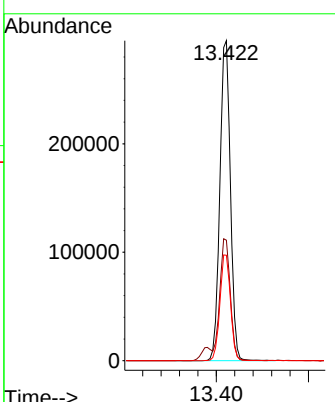
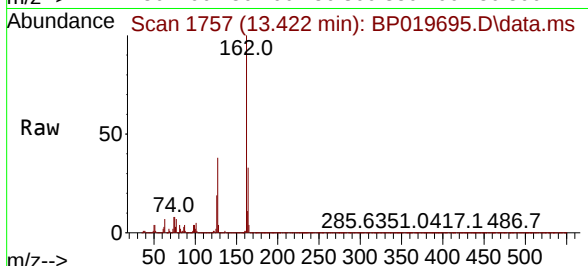
#47
 2-Chloronaphthalene
 Concen: 42.860 ng
 RT: 13.422 min Scan# 1758
 Delta R.T. -0.006 min
 Lab File: BP019695.D
 Acq: 14 Feb 2024 11:26

Instrument : BNA_P
 ClientSampleId : PB158998BS

Tgt Ion:162 Resp: 46566

Ion	Ratio	Lower	Upper
162	100		
127	37.7	32.1	48.1
164	33.0	26.7	40.1

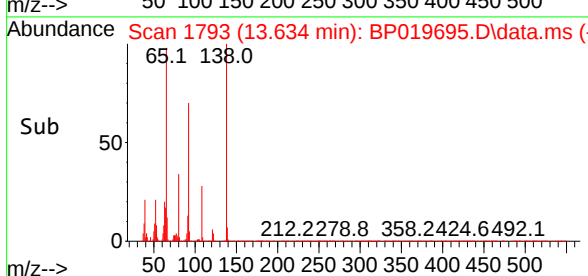
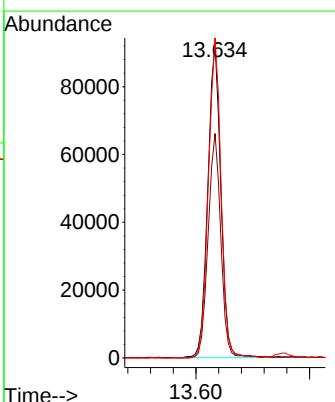
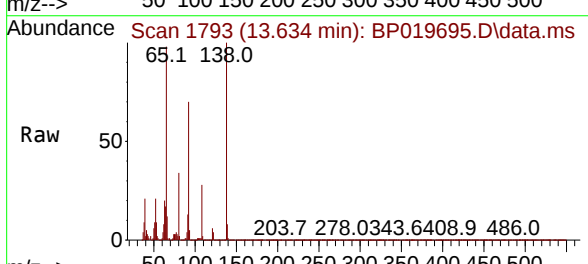
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024

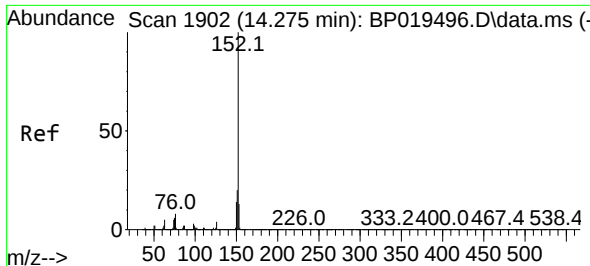


#48
 2-Nitroaniline
 Concen: 48.410 ng
 RT: 13.634 min Scan# 1793
 Delta R.T. -0.006 min
 Lab File: BP019695.D
 Acq: 14 Feb 2024 11:26

Tgt Ion: 65 Resp: 147070

Ion	Ratio	Lower	Upper
65	100		
92	71.5	54.7	82.1
138	101.9	77.8	116.6





#49
Acenaphthylene
Concen: 48.773 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

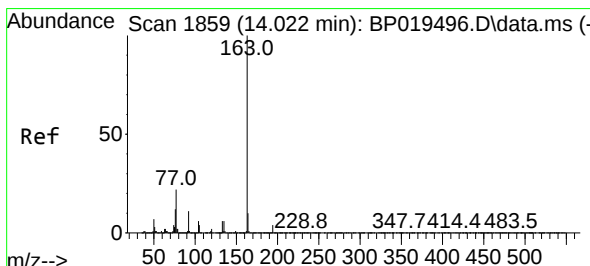
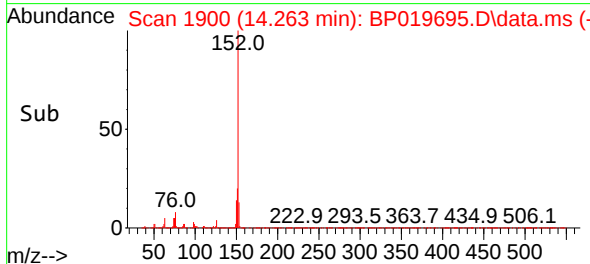
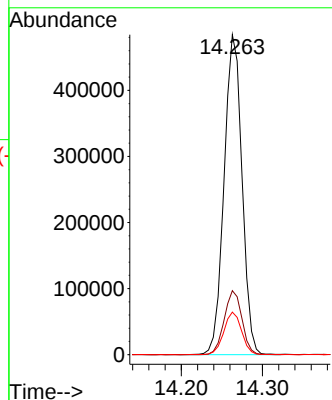
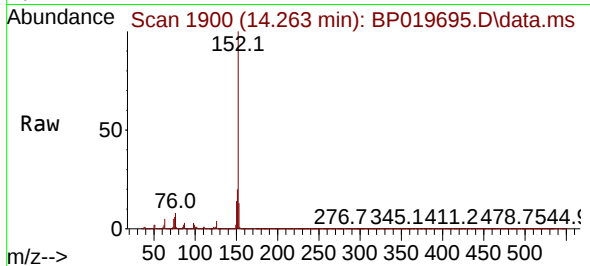
ClientSampleId :

PB158998BS

Tgt Ion:152 Resp: 74344
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.3 10.6 15.8

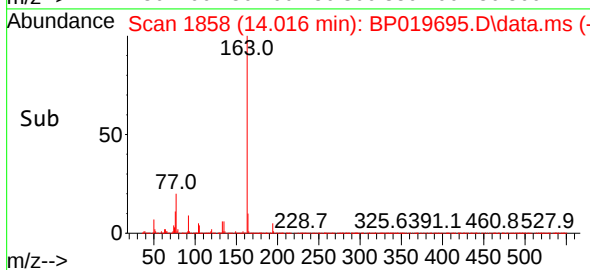
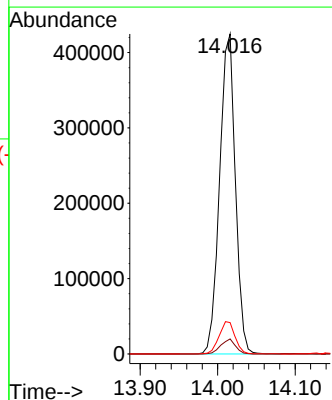
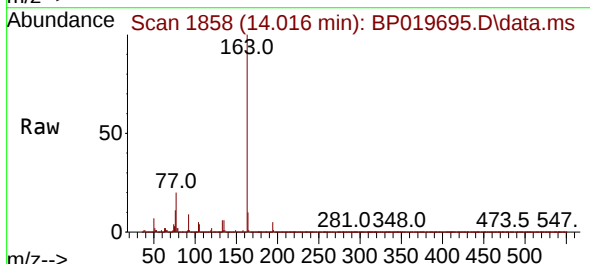
Manual Integrations
APPROVED

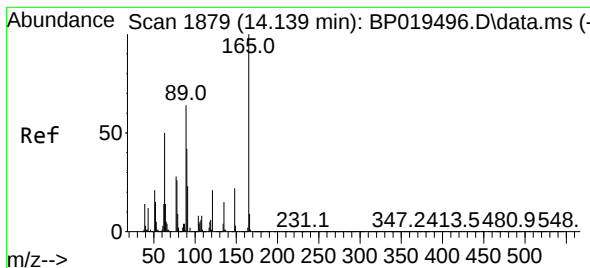
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#50
Dimethylphthalate
Concen: 47.208 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:163 Resp: 599304
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 9.8 7.8 11.6





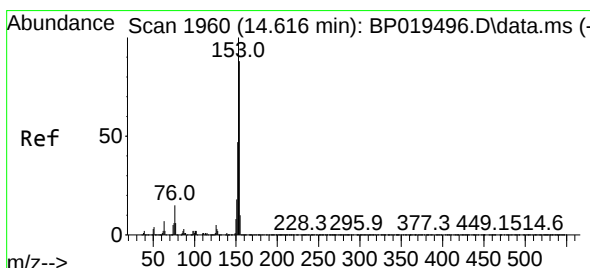
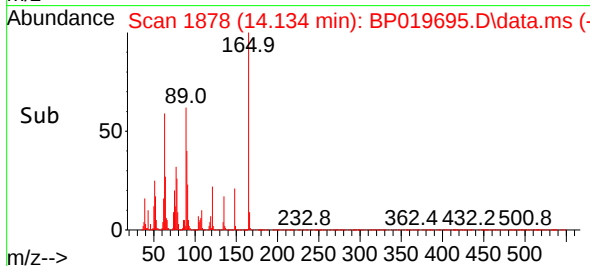
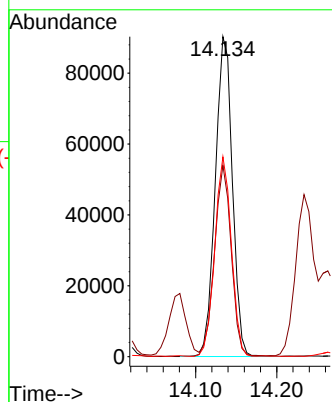
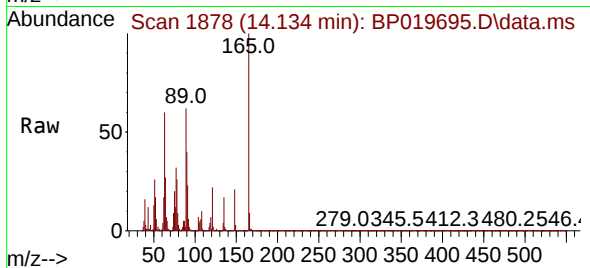
#51
2,6-Dinitrotoluene
Concen: 47.342 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :
BNA_P
ClientSampleId :
PB158998BS

Tgt Ion:165 Resp: 13204
Ion Ratio Lower Upper
165 100
63 59.8 50.4 75.6
89 62.5 51.7 77.5

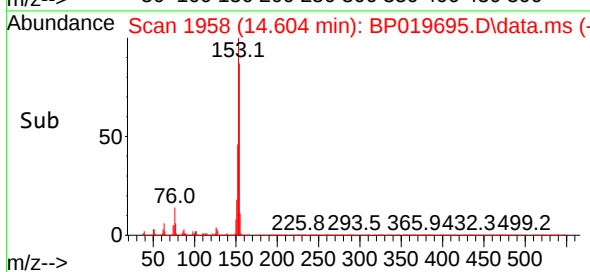
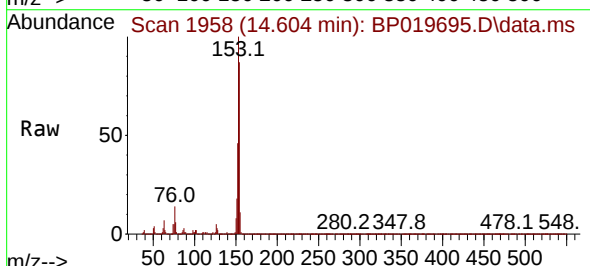
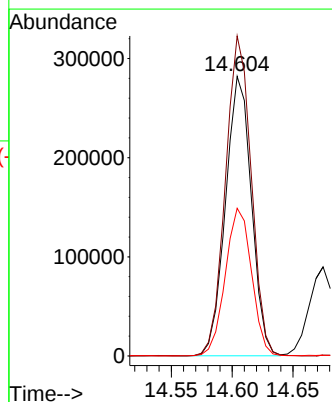
Manual Integrations
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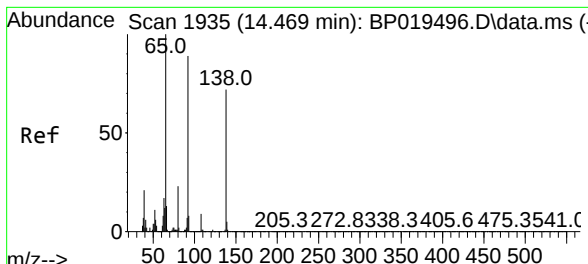
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#52
Acenaphthene
Concen: 44.079 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:154 Resp: 417013
Ion Ratio Lower Upper
154 100
153 114.5 90.5 135.7
152 52.9 42.1 63.1





#53
3-Nitroaniline
Concen: 34.975 ng
RT: 14.463 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

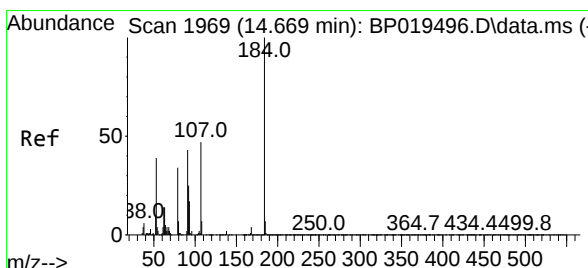
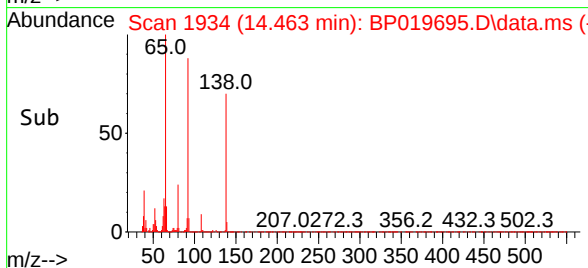
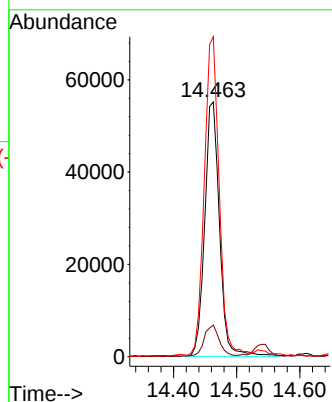
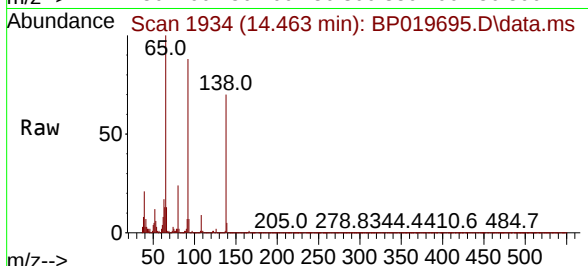
ClientSampleId :

PB158998BS

Tgt Ion:138 Resp: 89650
Ion Ratio Lower Upper
138 100
108 12.5 9.7 14.5
92 125.6 98.0 147.0

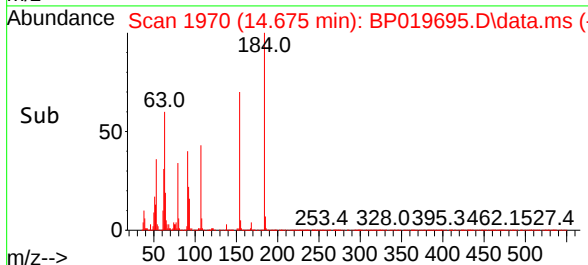
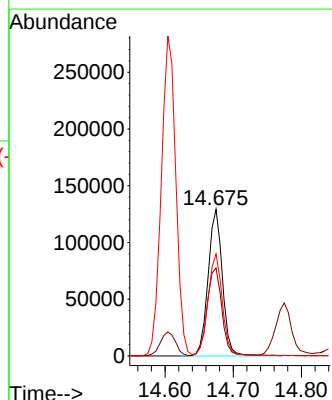
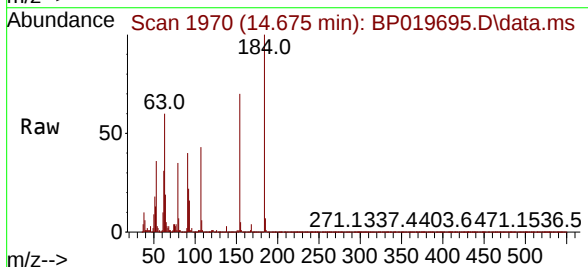
Manual Integrations
APPROVED

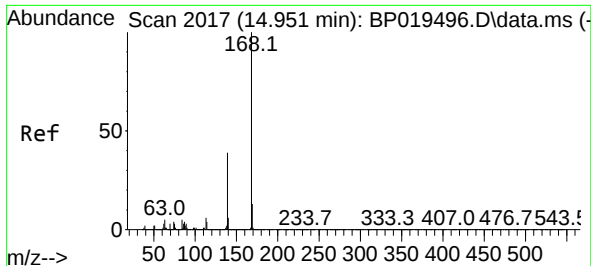
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#54
2,4-Dinitrophenol
Concen: 130.554 ng
RT: 14.675 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:184 Resp: 189062
Ion Ratio Lower Upper
184 100
63 60.0 50.5 75.7
154 69.7 53.4 80.0





#55
Dibenzenofuran
Concen: 46.930 ng
RT: 14.945 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

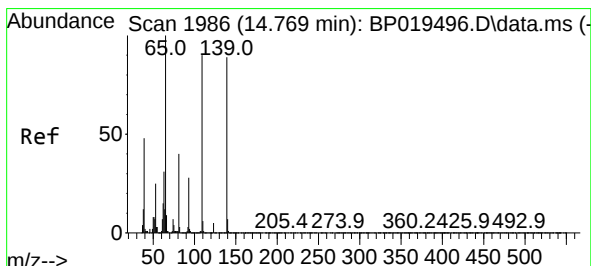
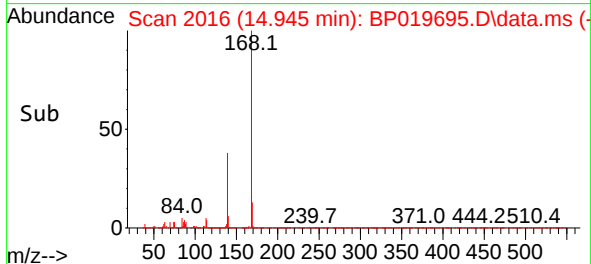
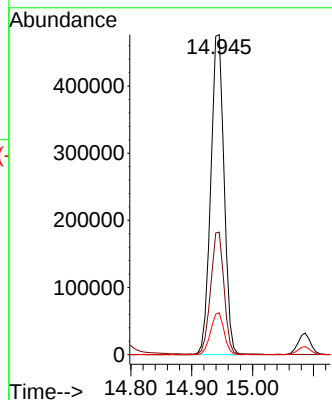
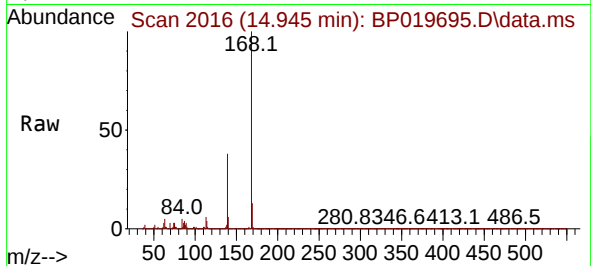
ClientSampleId :

PB158998BS

Tgt Ion:168 Resp: 723124
Ion Ratio Lower Upper
168 100
139 38.3 31.5 47.3
169 13.1 10.3 15.5

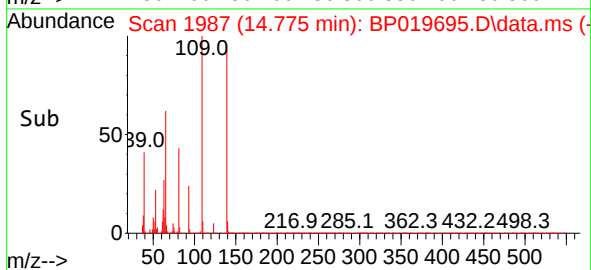
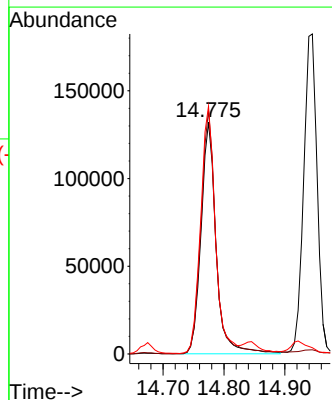
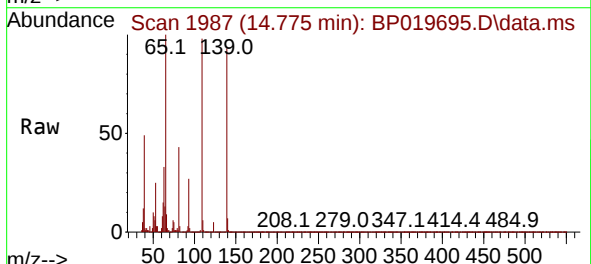
Manual Integrations
APPROVED

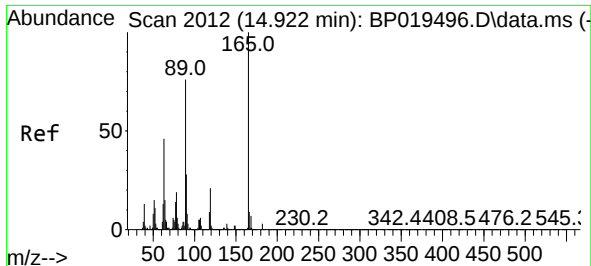
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#56
4-Nitrophenol
Concen: 107.954 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:139 Resp: 226802
Ion Ratio Lower Upper
139 100
109 105.2 82.0 122.0
65 107.0 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 51.657 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

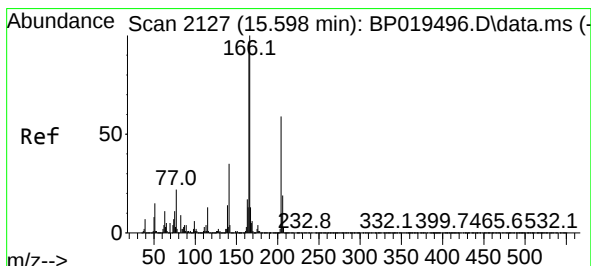
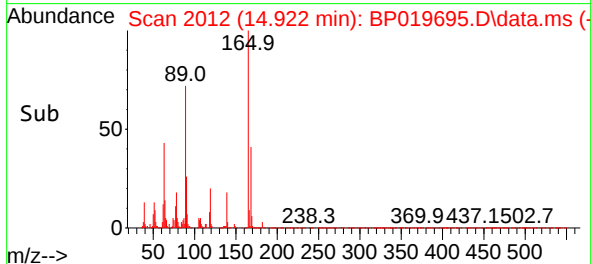
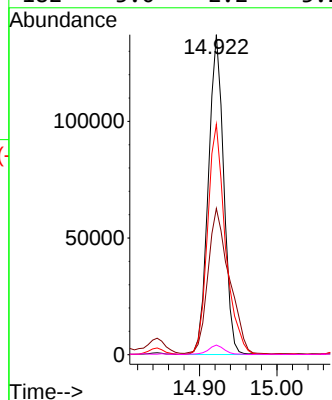
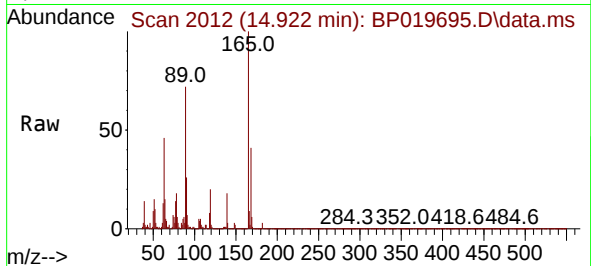
ClientSampleId :

PB158998BS

Tgt Ion:165 Resp: 18880
Ion Ratio Lower Upper
165 100
63 45.7 36.9 55.3
89 72.0 61.1 91.7
182 3.0 2.2 3.2

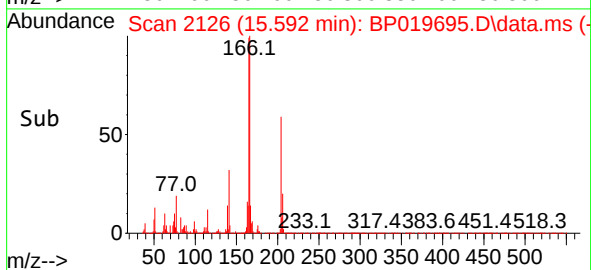
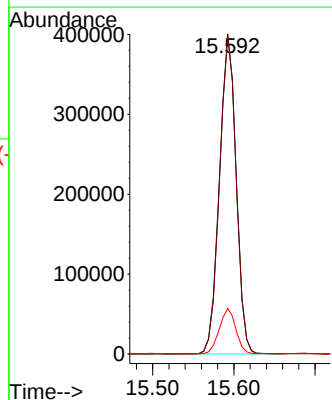
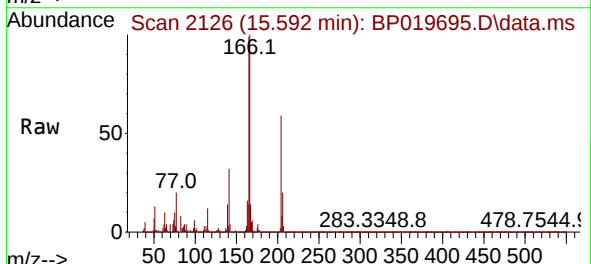
Manual Integrations
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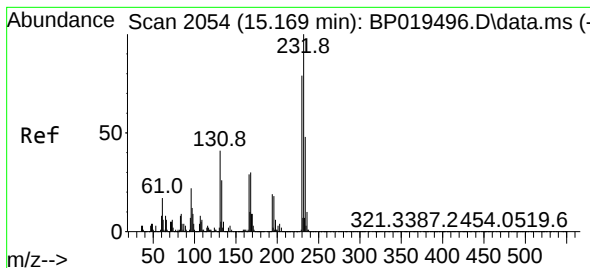
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#58
Fluorene
Concen: 46.696 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

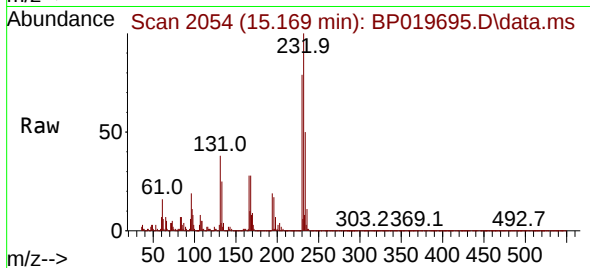
Tgt Ion:166 Resp: 573072
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.8
167 14.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.489 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

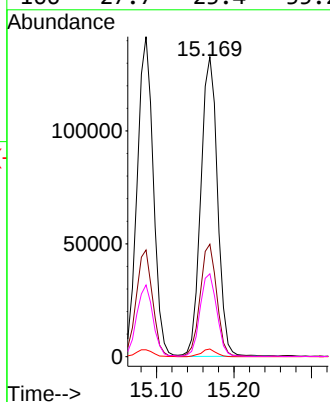
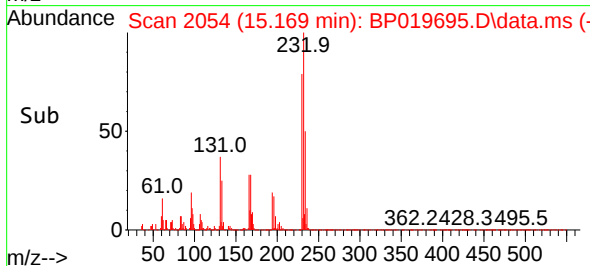
Instrument :
BNA_P
ClientSampleId :
PB158998BS



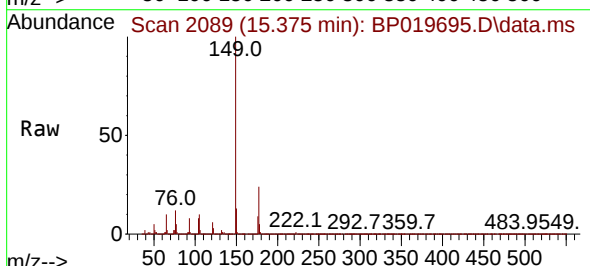
Tgt Ion:232 Resp: 198478
Ion Ratio Lower Upper
232 100
131 37.1 32.4 48.6
130 2.3 1.9 2.9
166 27.7 23.4 35.2

Manual Integrations
APPROVED

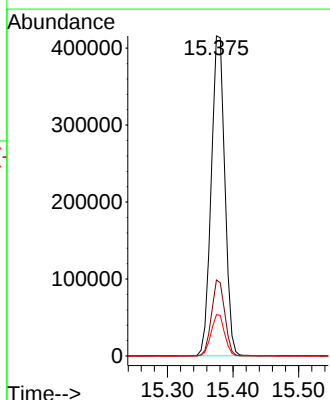
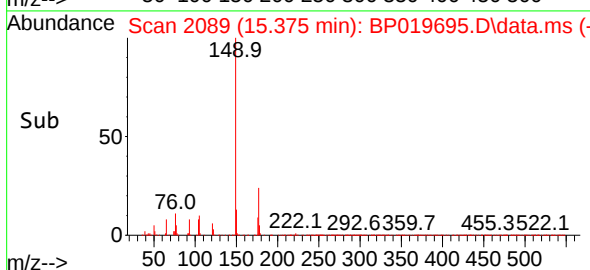
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

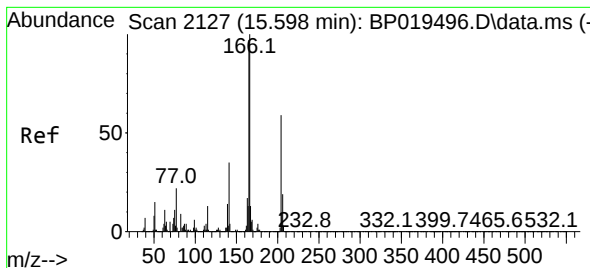


#60
Diethylphthalate
Concen: 47.338 ng
RT: 15.375 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26



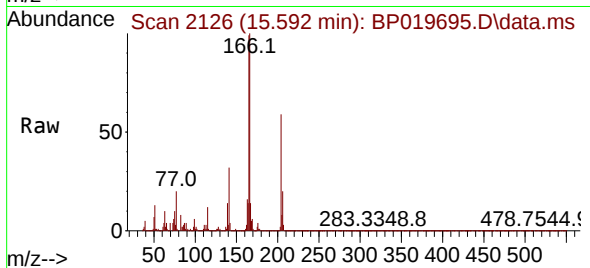
Tgt Ion:149 Resp: 597735
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.2
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 47.163 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

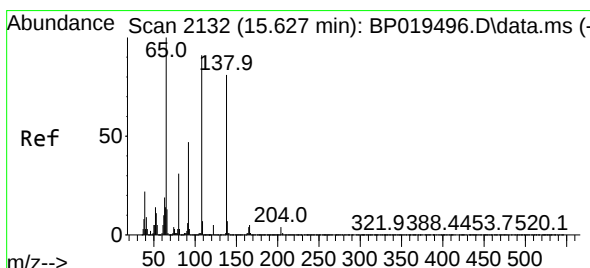
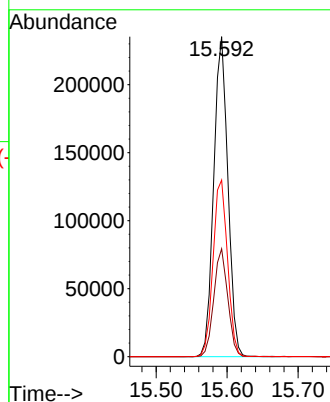
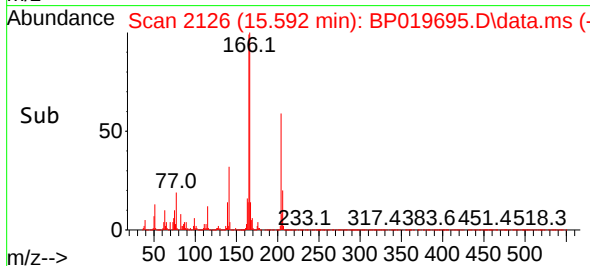
Instrument :
BNA_P
ClientSampleId :
PB158998BS



Tgt Ion:204 Resp: 32532
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 55.2 48.5 72.7

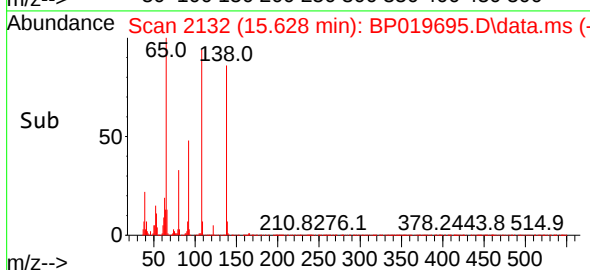
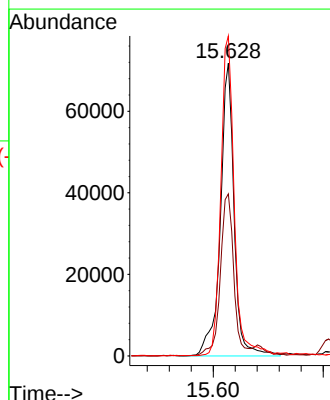
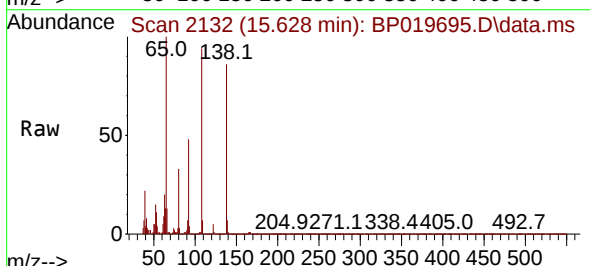
Manual Integrations
APPROVED

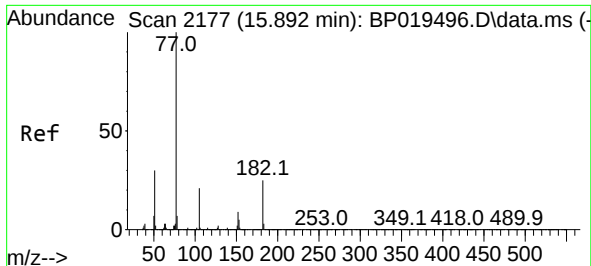
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#62
4-Nitroaniline
Concen: 46.479 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

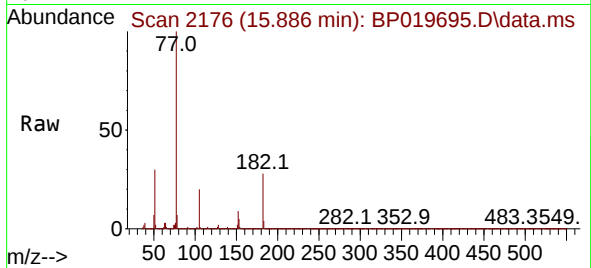
Tgt Ion:138 Resp: 124878
Ion Ratio Lower Upper
138 100
92 55.4 38.3 78.3
108 109.3 91.2 131.2





#63
Azobenzene
Concen: 44.628 ng
RT: 15.886 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

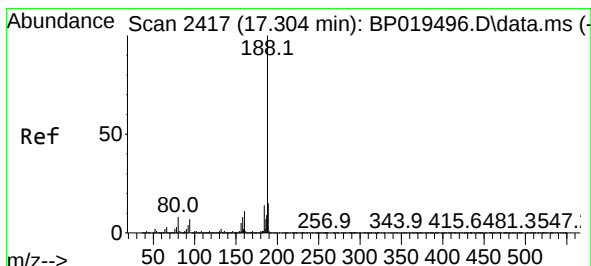
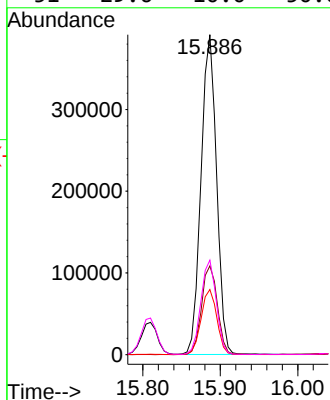
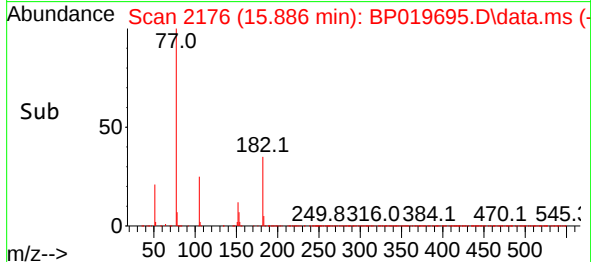
Instrument :
BNA_P
ClientSampleId :
PB158998BS



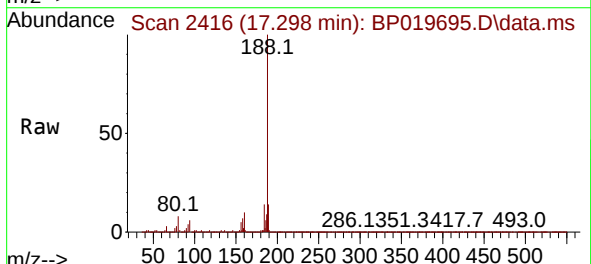
Tgt Ion: 77 Resp: 54493
Ion Ratio Lower Upper
77 100
182 27.7 5.1 45.1
105 20.4 0.8 40.8
51 29.6 10.0 50.0

Manual Integrations
APPROVED

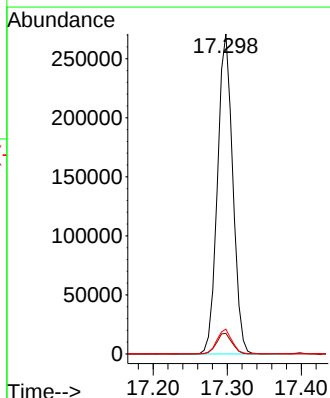
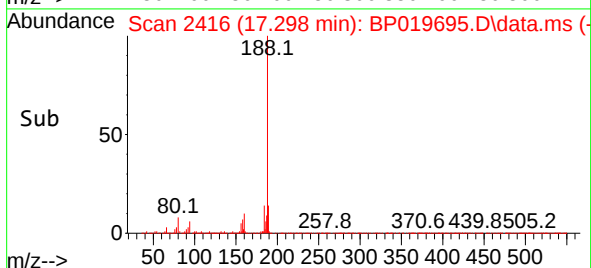
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

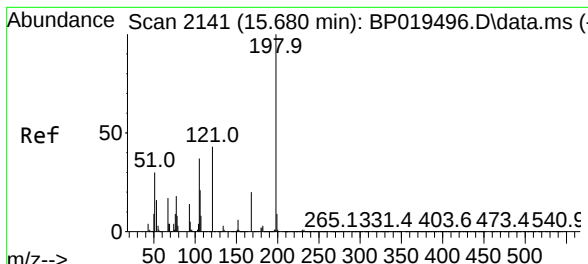


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26



Tgt Ion:188 Resp: 387568
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.2
80 7.8 6.3 9.5





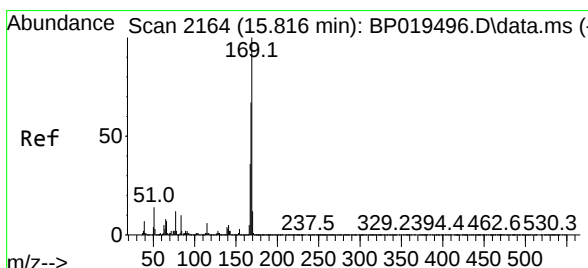
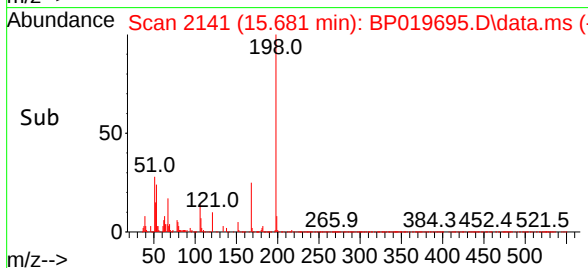
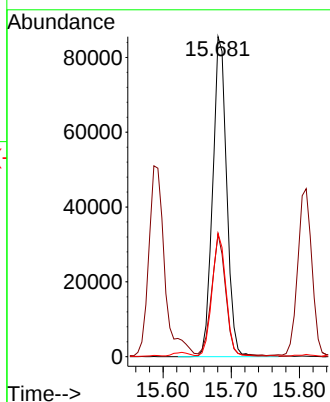
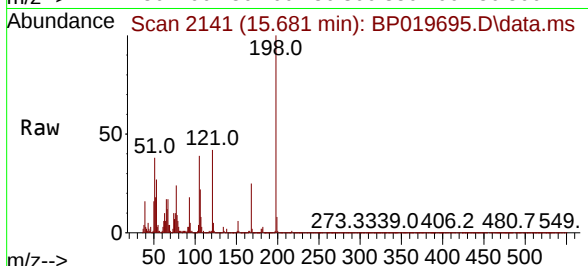
#65
4,6-Dinitro-2-methylphenol
Concen: 55.382 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :
BNA_P
ClientSampleId :
PB158998BS

Tgt Ion:198 Resp: 122390
Ion Ratio Lower Upper
198 100
51 38.3 21.2 61.2
105 38.5 19.1 59.1

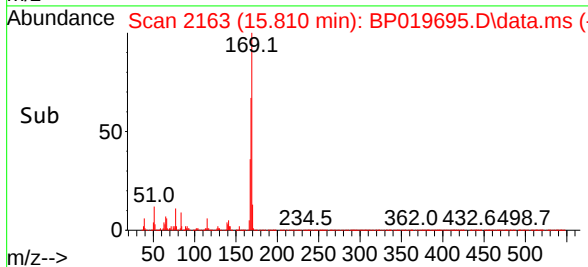
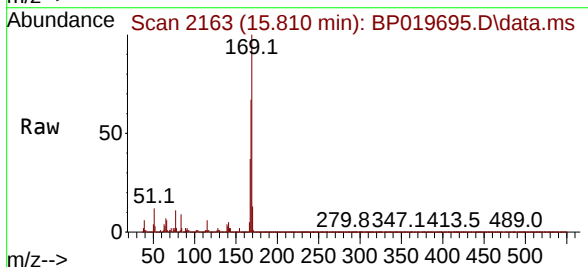
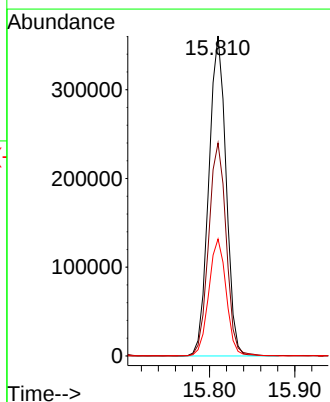
Manual Integrations
APPROVED

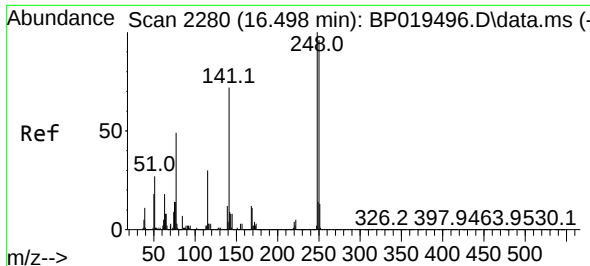
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#66
n-Nitrosodiphenylamine
Concen: 43.769 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:169 Resp: 508032
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.6 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 44.785 ng
RT: 16.492 min Scan# 21698
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

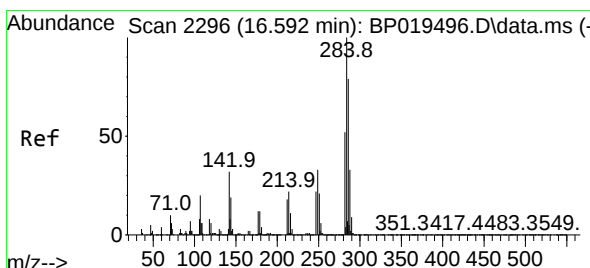
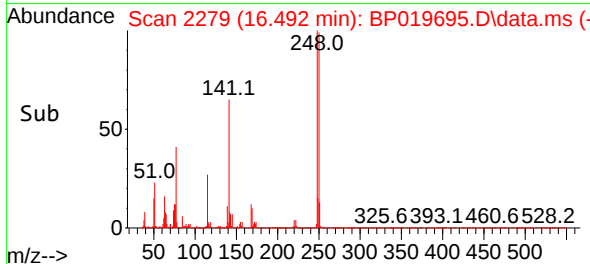
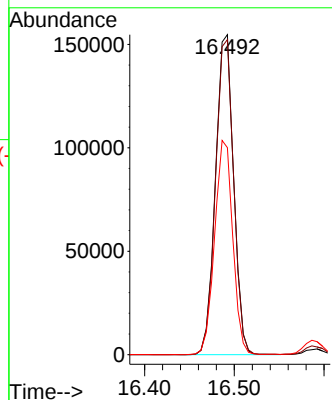
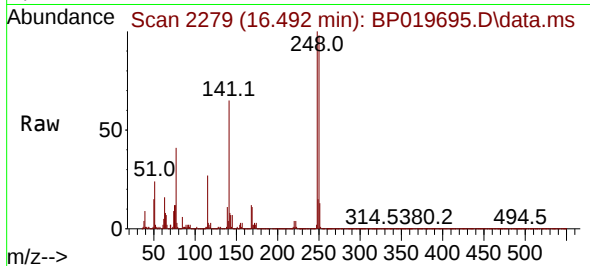
ClientSampleId :

PB158998BS

Tgt Ion:248 Resp: 21698
Ion Ratio Lower Upper
248 100
250 98.4 76.9 115.3
141 64.7 58.0 87.0

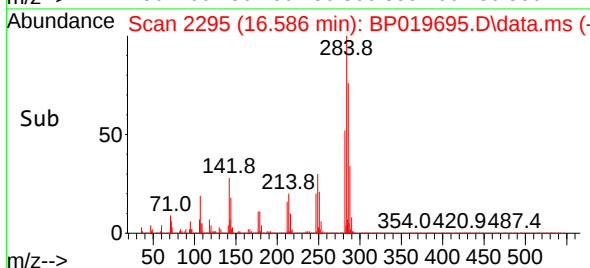
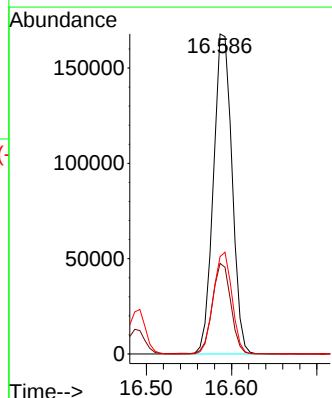
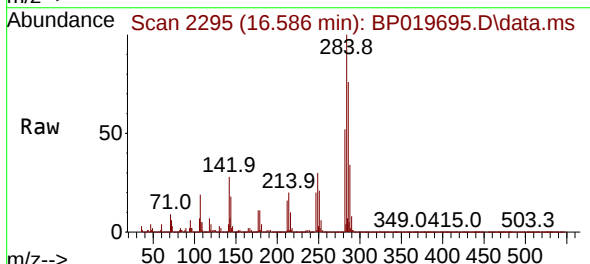
Manual Integrations
APPROVED

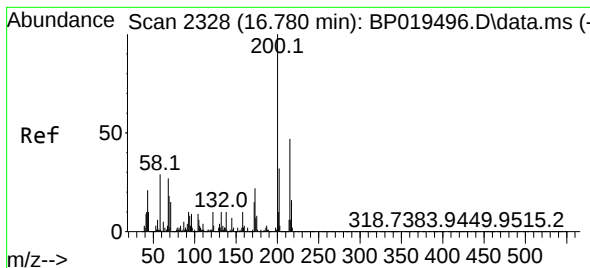
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#68
Hexachlorobenzene
Concen: 45.057 ng
RT: 16.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:284 Resp: 254928
Ion Ratio Lower Upper
284 100
142 28.3 25.4 38.2
249 30.4 26.5 39.7





#69

Atrazine

Concen: 51.446 ng

RT: 16.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB158998BS

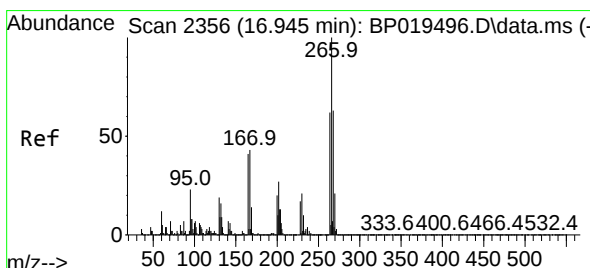
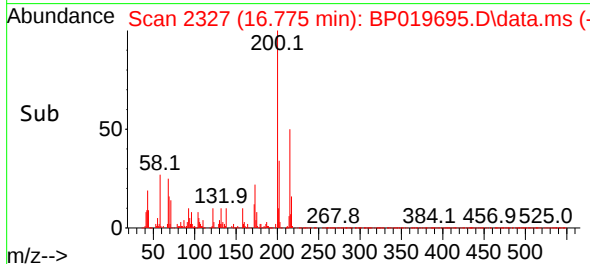
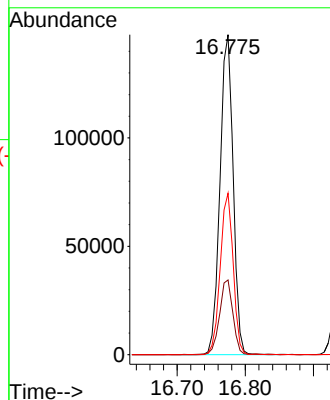
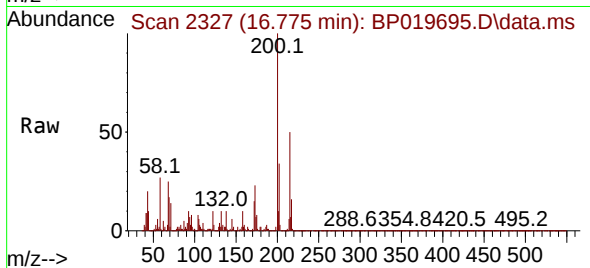
Tgt Ion:200 Resp: 19815
 Ion Ratio Lower Upper
 200 100
 173 23.4 1.7 41.7
 215 50.5 26.9 66.9

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#70

Pentachlorophenol

Concen: 102.187 ng

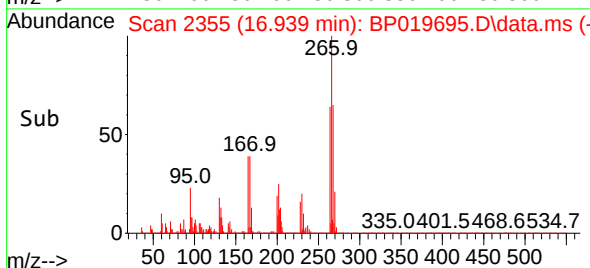
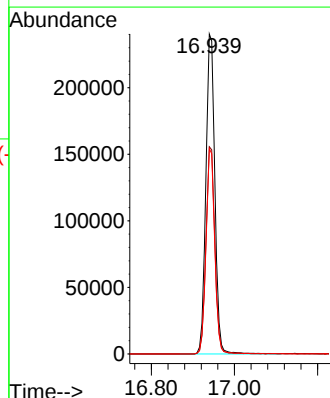
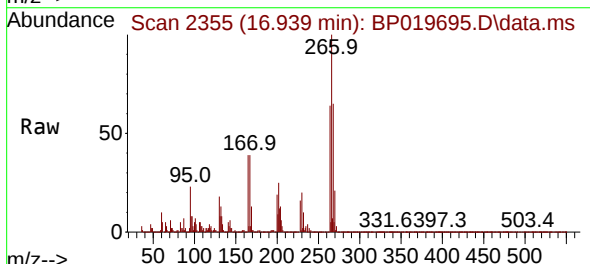
RT: 16.939 min Scan# 2355

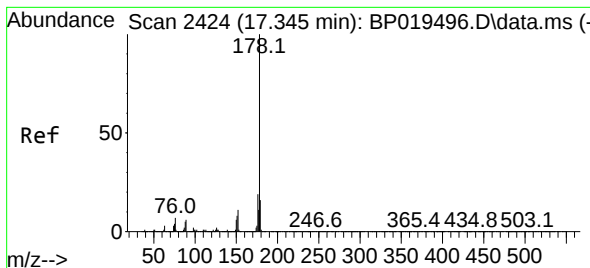
Delta R.T. -0.006 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

Tgt Ion:266 Resp: 360050
 Ion Ratio Lower Upper
 266 100
 268 64.7 50.3 75.5
 264 64.2 49.7 74.5





#71

Phenanthrene

Concen: 45.384 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB158998BS

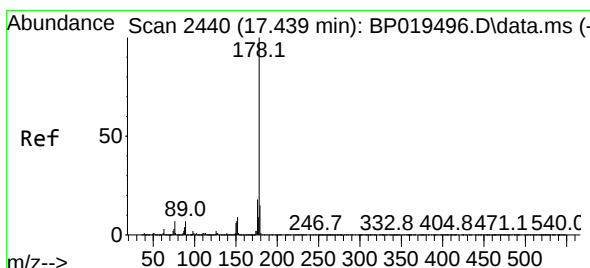
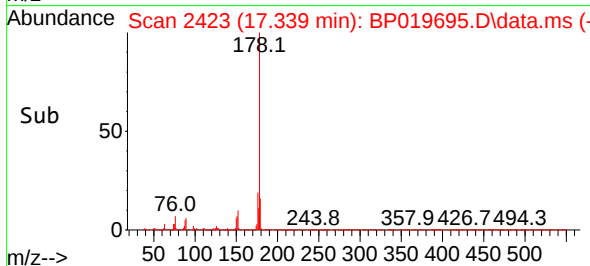
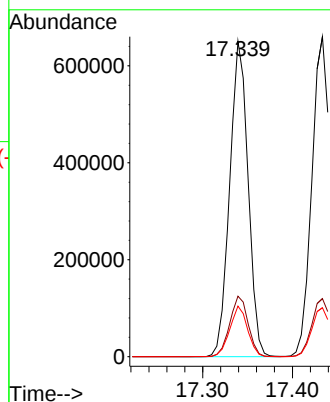
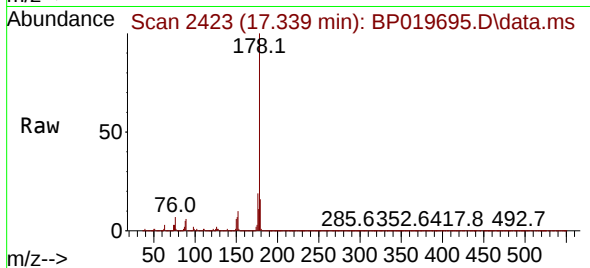
Tgt Ion:178 Resp: 92567
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 16.0 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#72

Anthracene

Concen: 46.468 ng

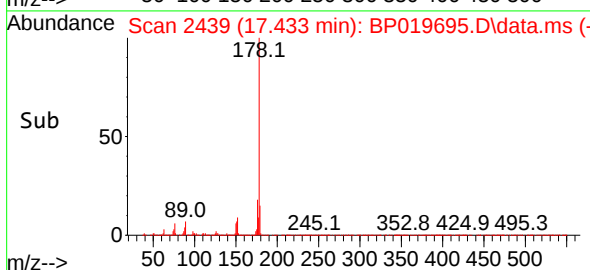
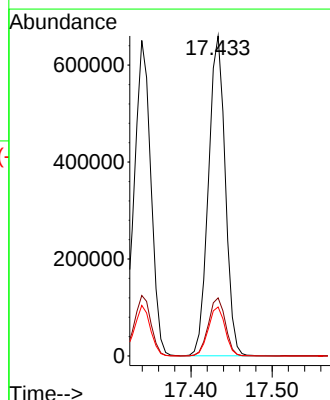
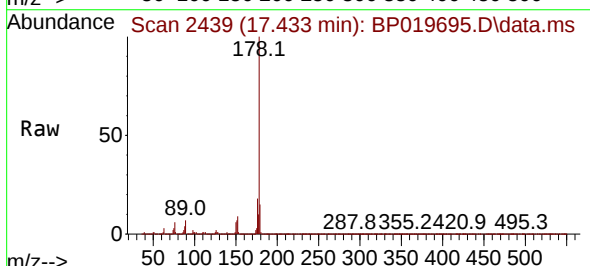
RT: 17.433 min Scan# 2439

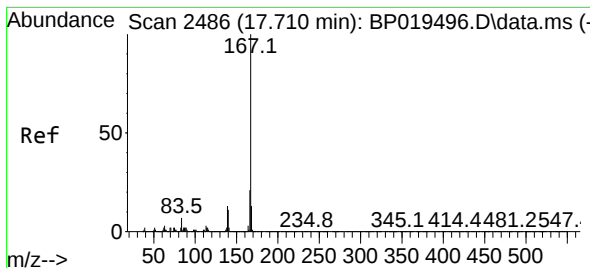
Delta R.T. -0.006 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

Tgt Ion:178 Resp: 945466
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.7 22.1
 179 15.3 12.2 18.2





#73

Carbazole

Concen: 45.672 ng

RT: 17.710 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB158998BS

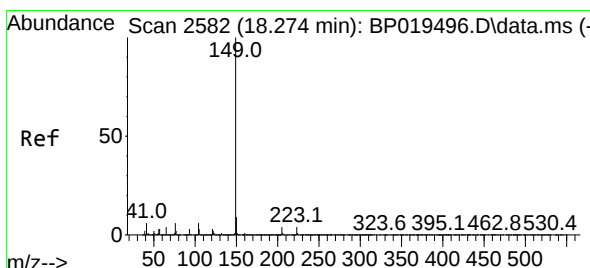
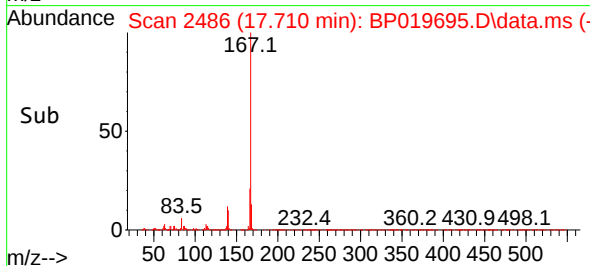
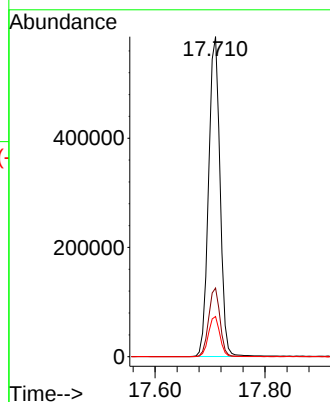
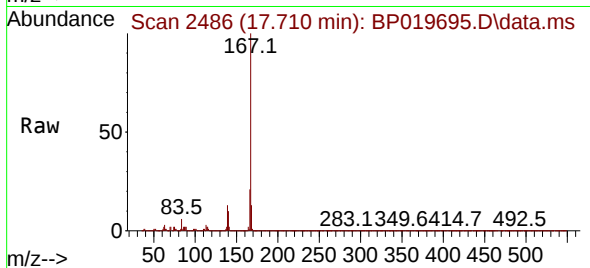
Tgt Ion:	167	Resp:	844199
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.2	25.8
139	12.6	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#74

Di-n-butylphthalate

Concen: 45.067 ng

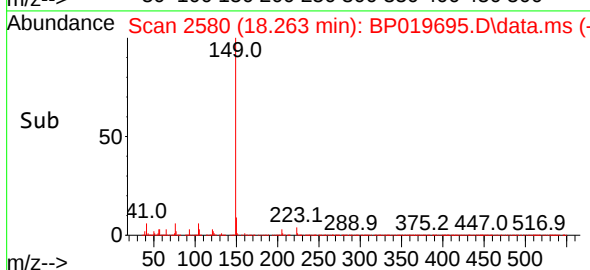
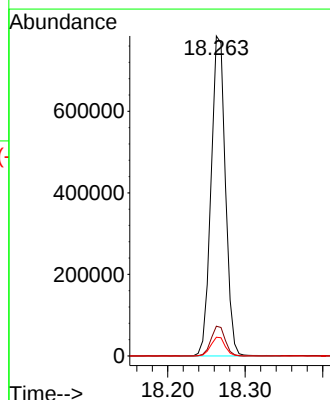
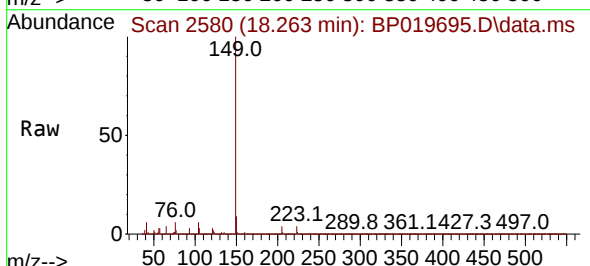
RT: 18.263 min Scan# 2580

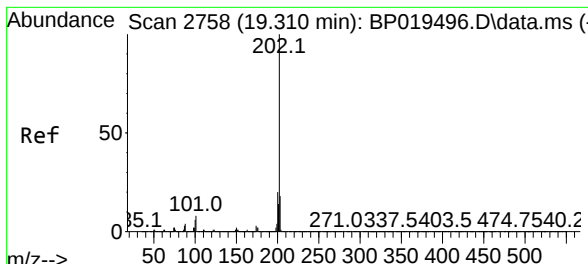
Delta R.T. -0.012 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

Tgt Ion:	149	Resp:	1007224
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.3	10.9
104	5.8	4.8	7.2





#75
 Fluoranthene
 Concen: 46.300 ng
 RT: 19.310 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP019695.D
 Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

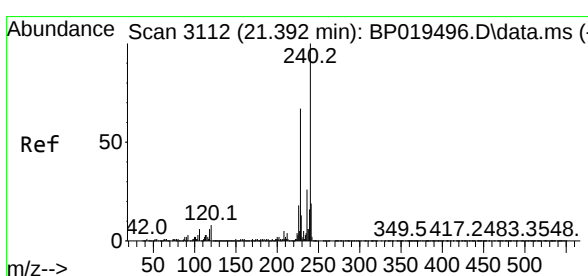
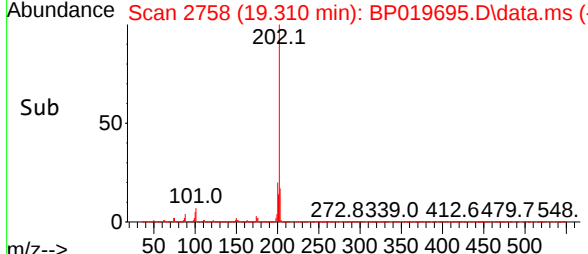
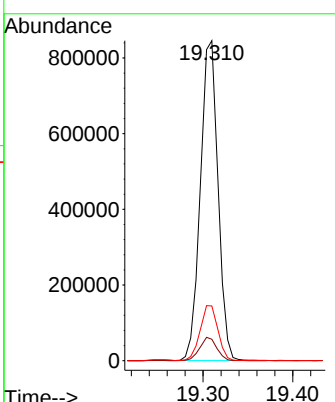
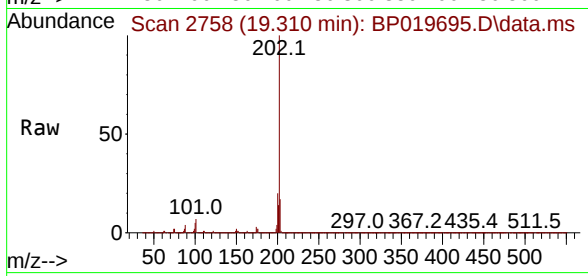
PB158998BS

Tgt Ion:202 Resp: 1153618

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	27.7
203	17.1	0.0	37.5

Manual Integrations
 APPROVED

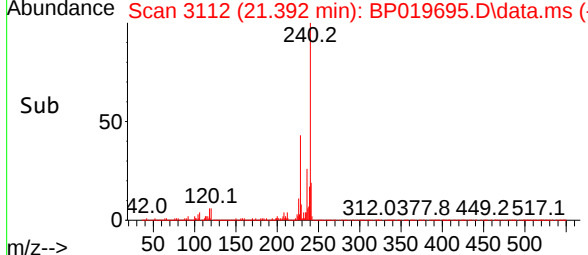
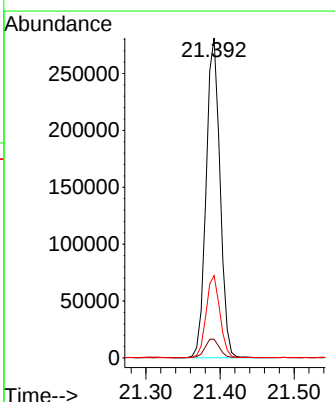
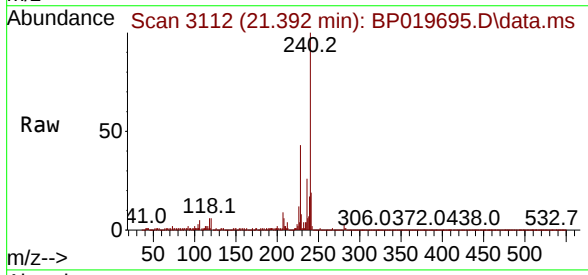
Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024

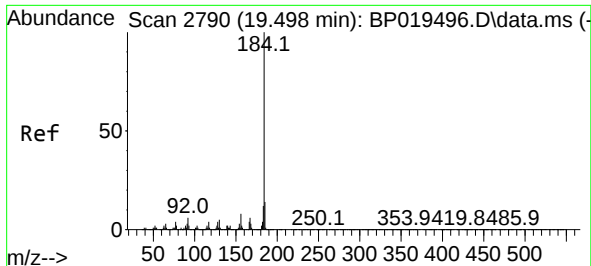


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.392 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BP019695.D
 Acq: 14 Feb 2024 11:26

Tgt Ion:240 Resp: 365525

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.1	9.1#
236	25.8	20.7	31.1





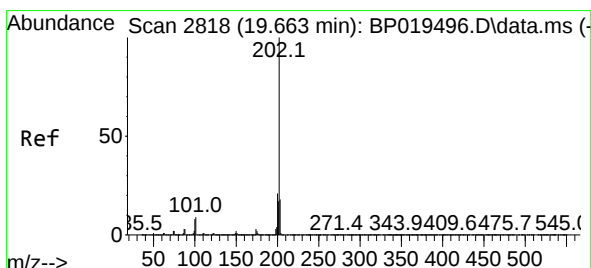
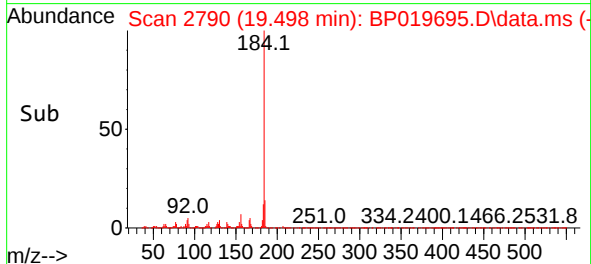
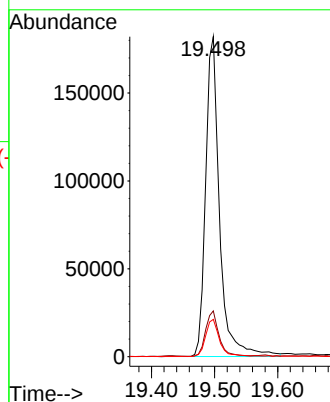
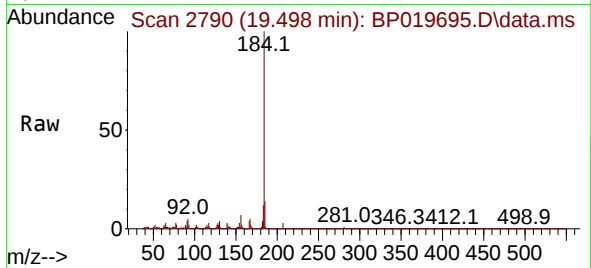
#77
Benzidine
Concen: 36.505 ng
RT: 19.498 min Scan# 2790
Delta R.T. 0.000 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :
BNA_P
ClientSampleId :
PB158998BS

Tgt Ion:184 Resp: 278960
Ion Ratio Lower Upper
184 100
185 14.3 11.1 16.7
183 11.7 9.7 14.5

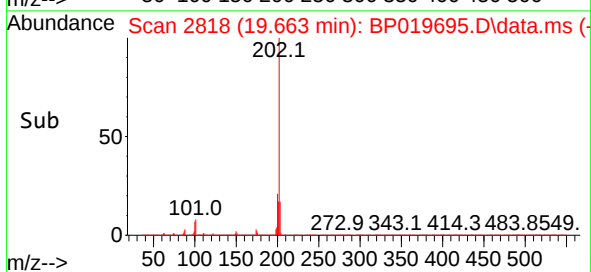
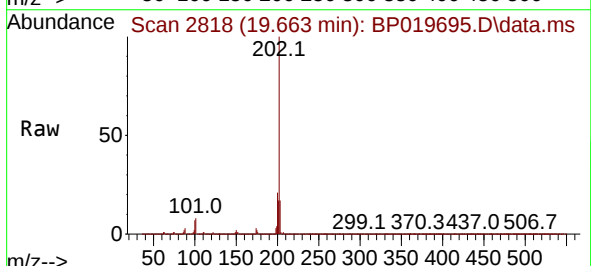
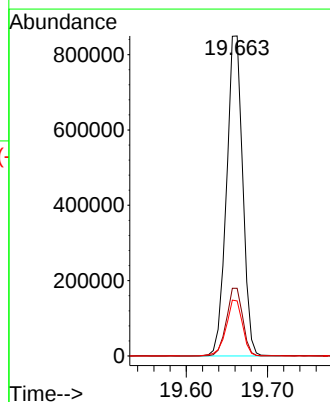
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#78
Pyrene
Concen: 45.606 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Tgt Ion:202 Resp: 1176495
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.2 14.2 21.2





#79
 Terphenyl-d14
 Concen: 93.135 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019695.D
 Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

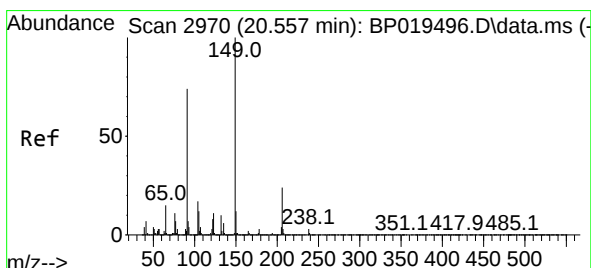
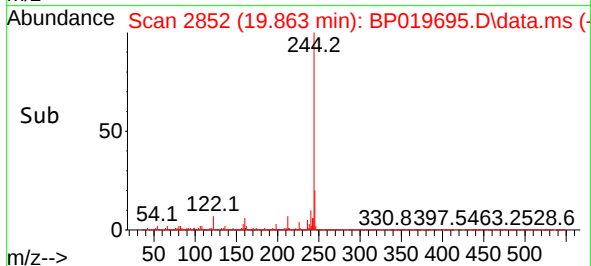
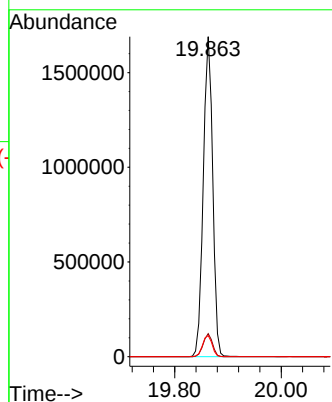
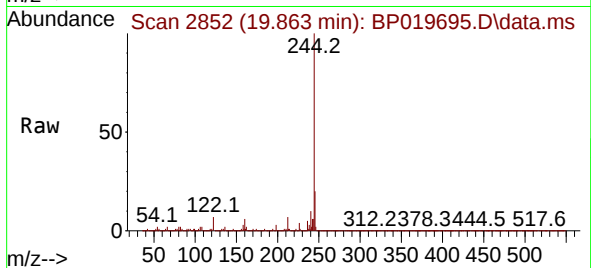
PB158998BS

Tgt Ion:244 Resp: 207006
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.6 5.9 8.9

Manual Integrations

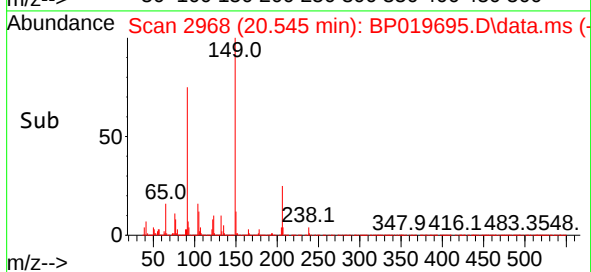
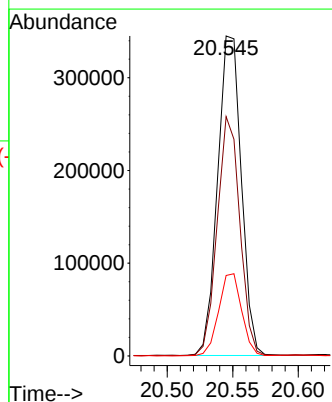
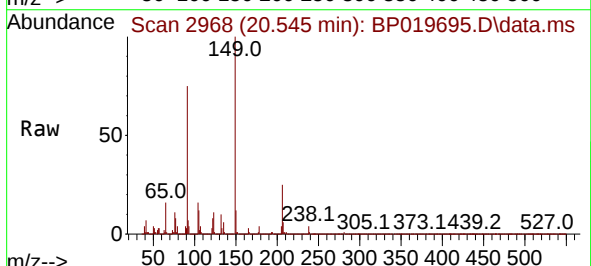
APPROVED

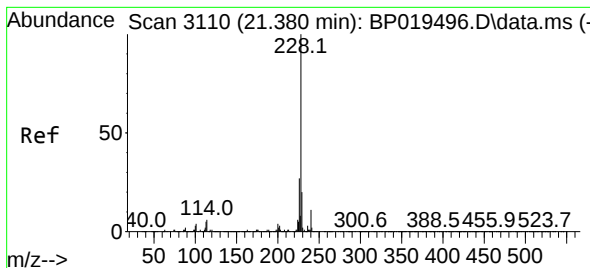
Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024



#80
 Butylbenzylphthalate
 Concen: 44.885 ng
 RT: 20.545 min Scan# 2968
 Delta R.T. -0.012 min
 Lab File: BP019695.D
 Acq: 14 Feb 2024 11:26

Tgt Ion:149 Resp: 432415
 Ion Ratio Lower Upper
 149 100
 91 74.8 59.4 89.0
 206 25.2 19.0 28.6





#81

Benzo(a)anthracene

Concen: 46.751 ng

RT: 21.374 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB158998BS

Tgt Ion:228 Resp: 120292

Ion Ratio Lower Upper

228 100

226 26.6 21.7 32.5

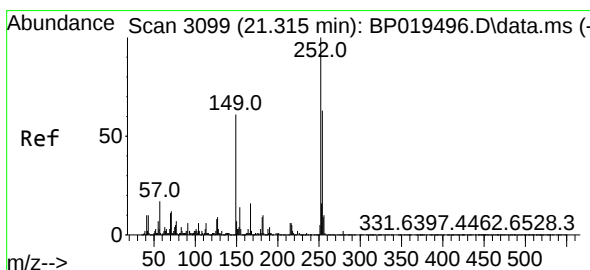
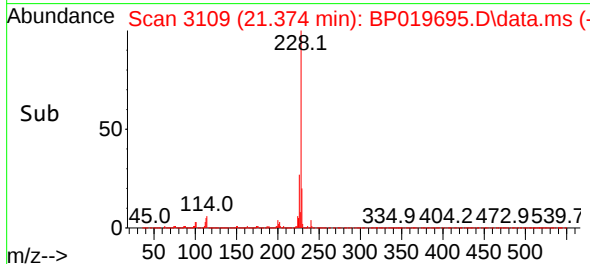
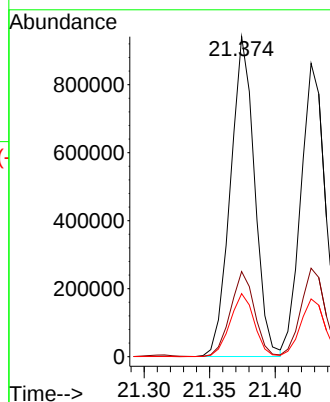
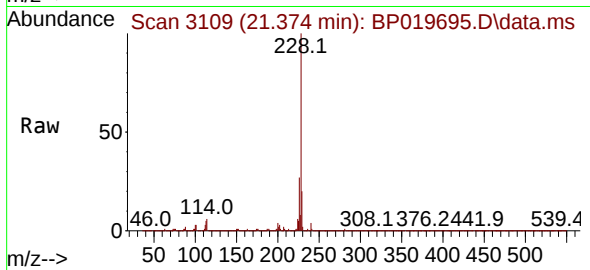
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#82

3,3'-Dichlorobenzidine

Concen: 39.212 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

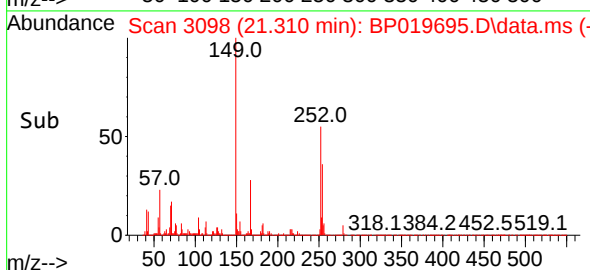
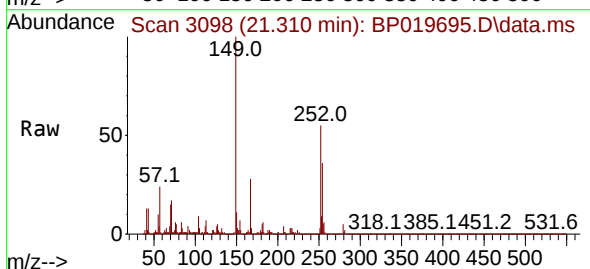
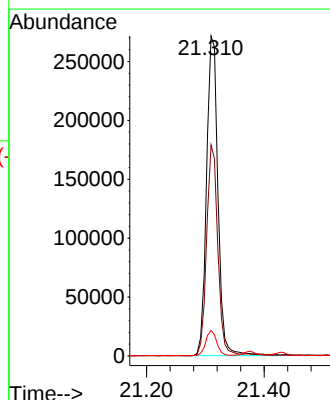
Tgt Ion:252 Resp: 367658

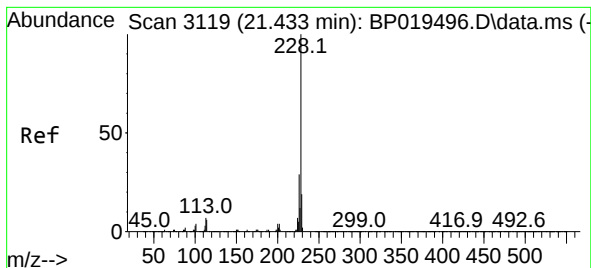
Ion Ratio Lower Upper

252 100

254 65.9 50.7 76.1

126 8.0 6.4 9.6





#83

Chrysene

Concen: 45.309 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB158998BS

Tgt Ion:228 Resp: 1106820

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

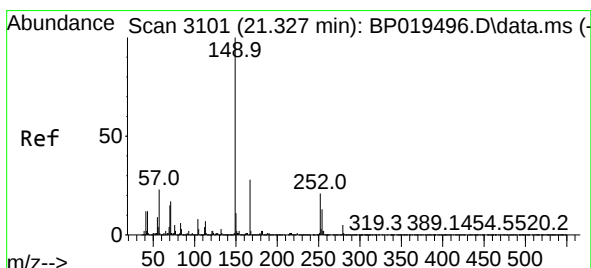
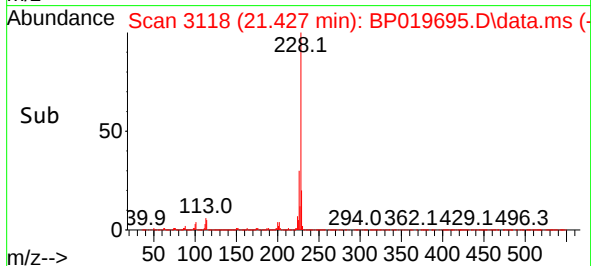
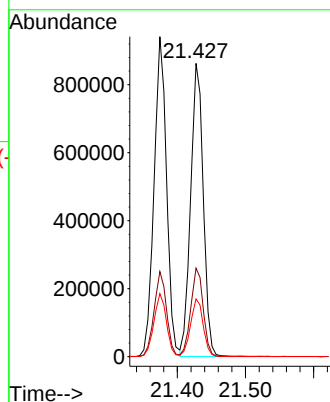
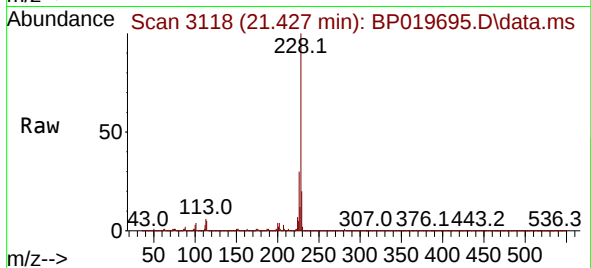
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.313 ng

RT: 21.316 min Scan# 3099

Delta R.T. -0.012 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

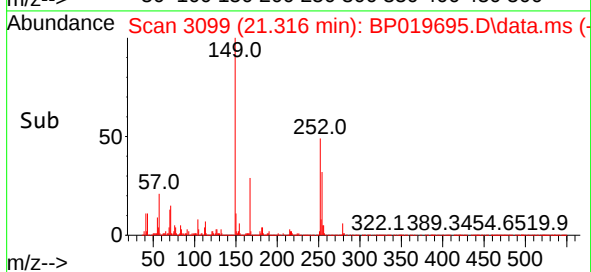
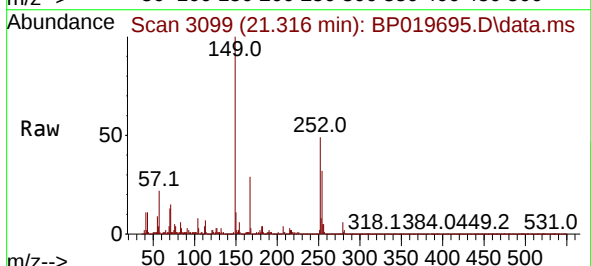
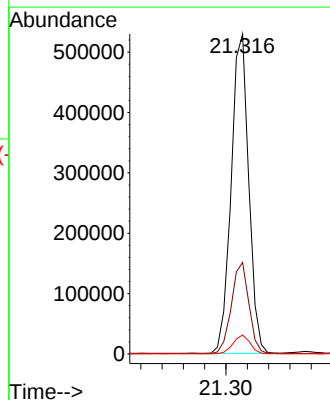
Tgt Ion:149 Resp: 606063

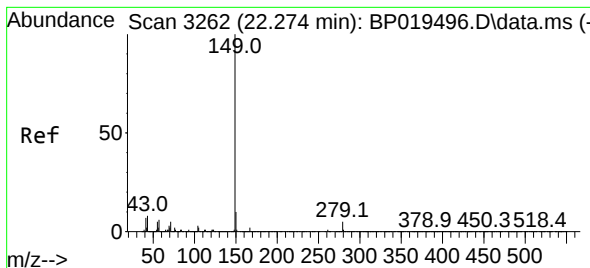
Ion Ratio Lower Upper

149 100

167 28.6 22.7 34.1

279 5.9 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 40.259 ng

RT: 22.257 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB158998BS

Tgt Ion:149 Resp: 103910

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

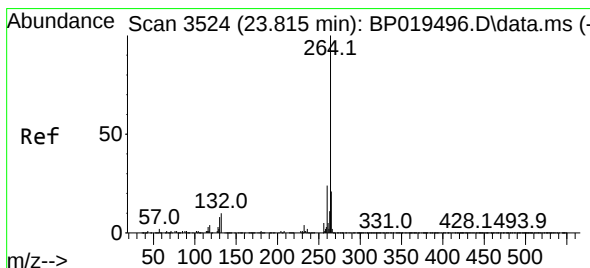
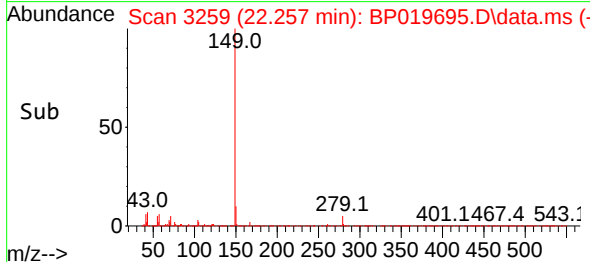
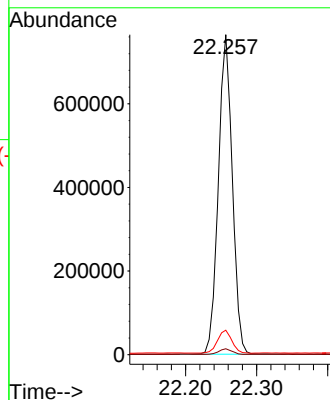
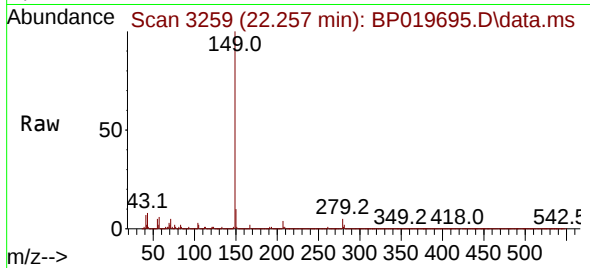
43 7.3 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

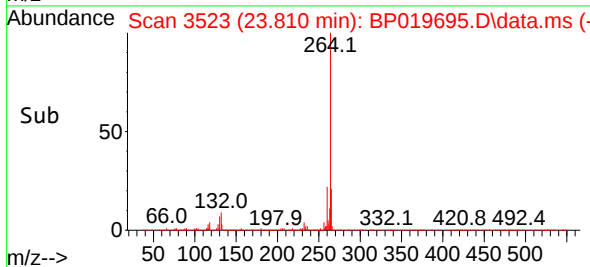
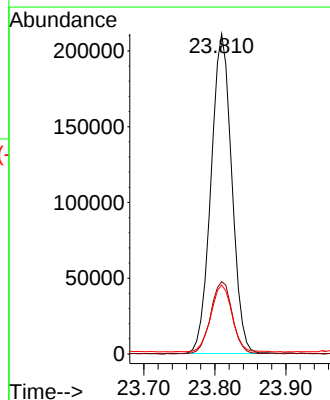
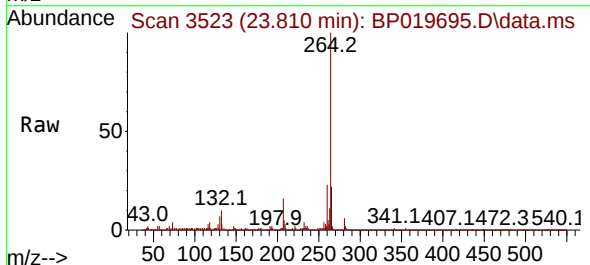
Tgt Ion:264 Resp: 427227

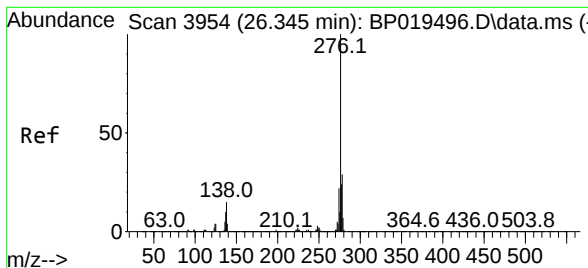
Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.031 ng

RT: 26.351 min Scan# 3955

Delta R.T. 0.006 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB158998BS

Tgt Ion:276 Resp: 157074

Ion Ratio Lower Upper

276 100

138 13.9 13.1 19.7

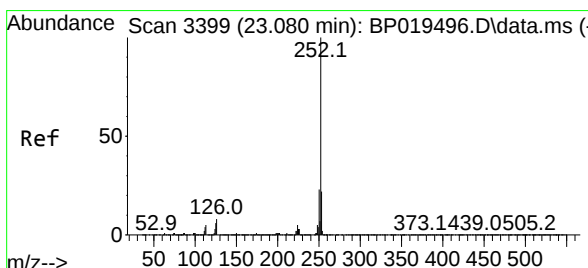
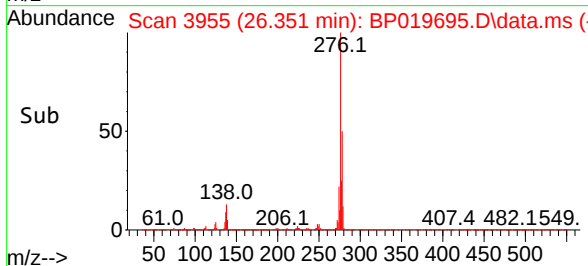
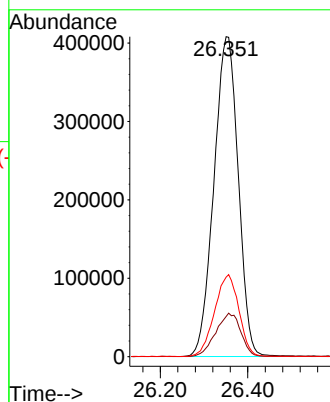
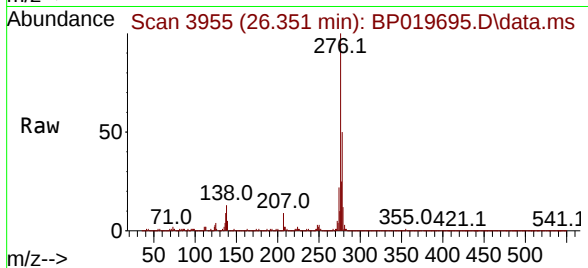
277 25.6 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#88

Benzo(b)fluoranthene

Concen: 45.703 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019695.D

Acq: 14 Feb 2024 11:26

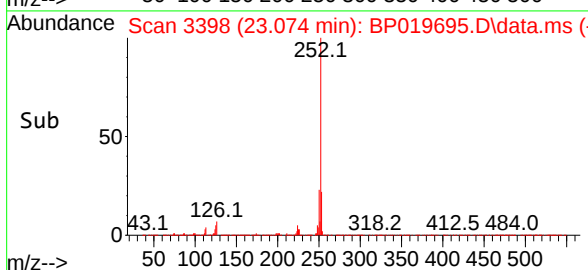
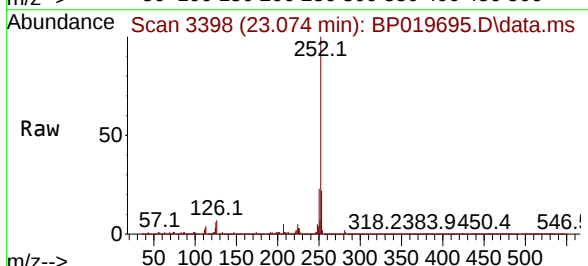
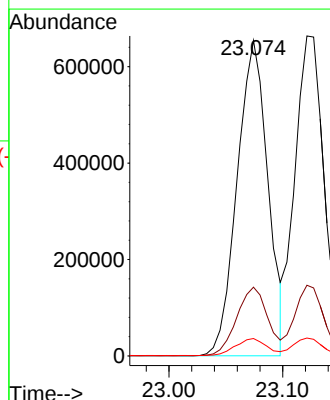
Tgt Ion:252 Resp: 1230599

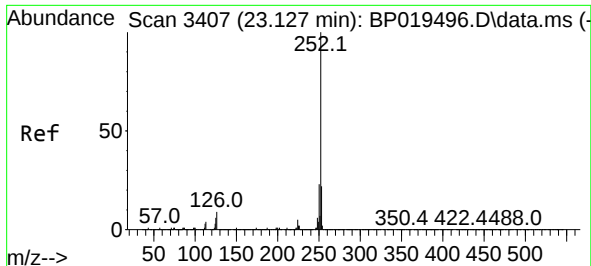
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 5.5 4.9 7.3





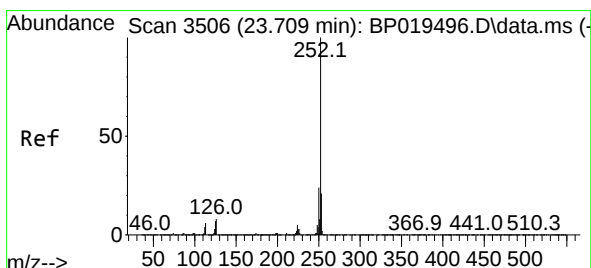
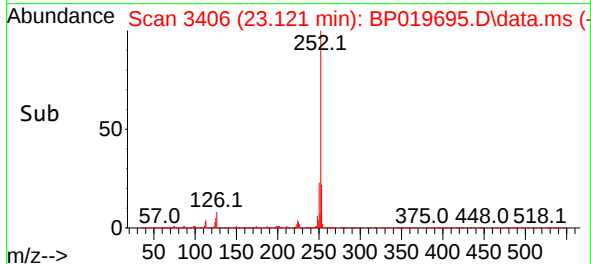
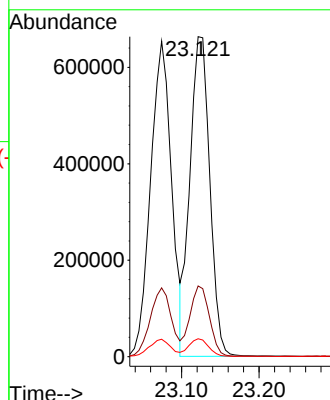
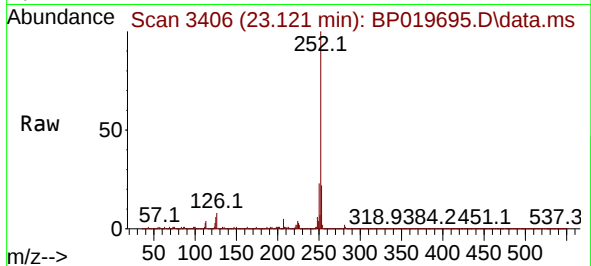
#89
Benzo(k)fluoranthene
Concen: 45.894 ng
RT: 23.121 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

Instrument :
BNA_P
ClientSampleId :
PB158998BS

Tgt Ion:252 Resp: 1180435
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 5.6 5.0 7.6

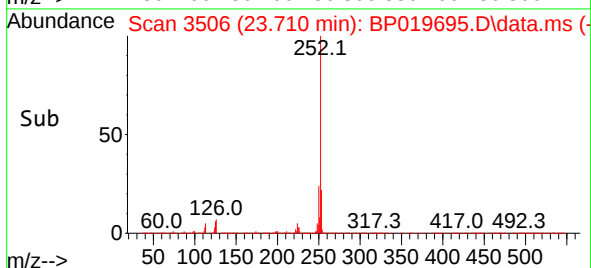
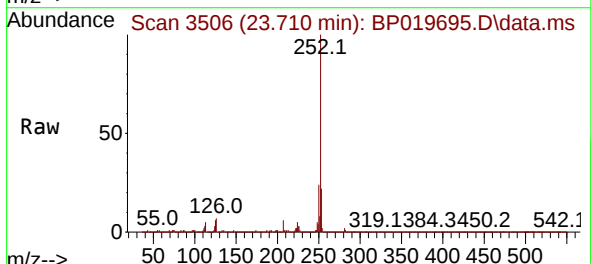
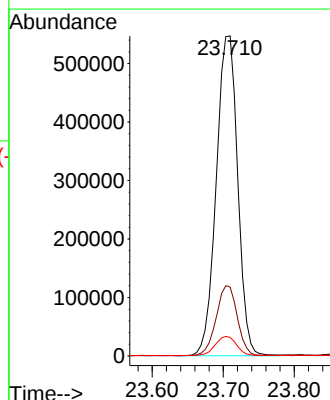
Manual Integrations
APPROVED

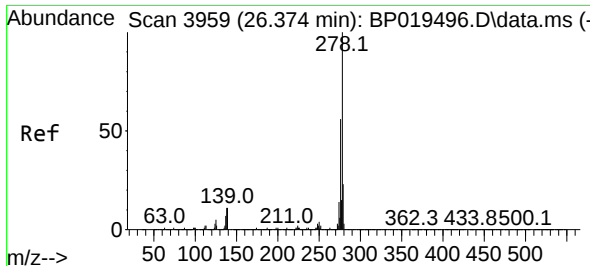
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#90
Benzo(a)pyrene
Concen: 47.784 ng
RT: 23.710 min Scan# 3506
Delta R.T. 0.000 min
Lab File: BP019695.D
Acq: 14 Feb 2024 11:26

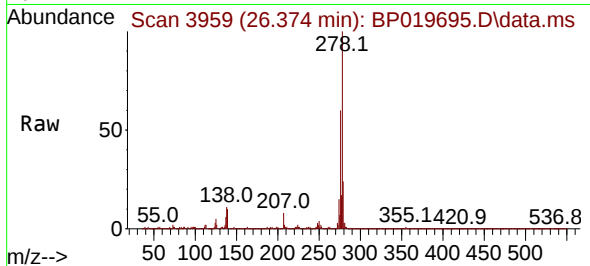
Tgt Ion:252 Resp: 1144820
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 5.8 5.6 8.4





#91
 Dibenzo(a,h)anthracene
 Concen: 48.668 ng
 RT: 26.374 min Scan# 3959
 Delta R.T. 0.000 min
 Lab File: BP019695.D
 Acq: 14 Feb 2024 11:26

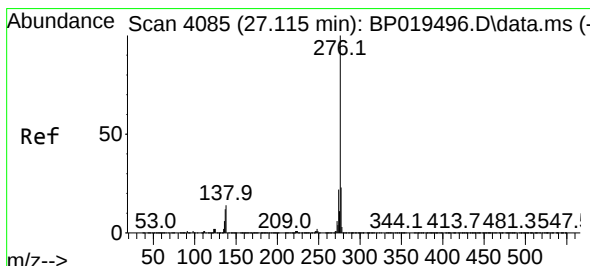
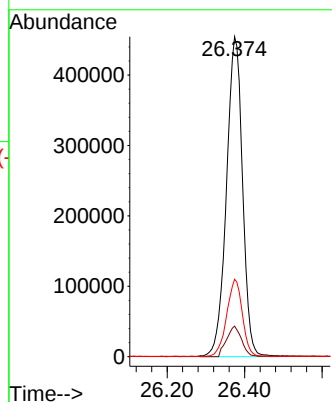
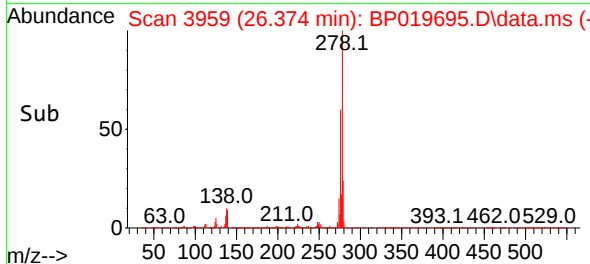
Instrument :
 BNA_P
 ClientSampleId :
 PB158998BS



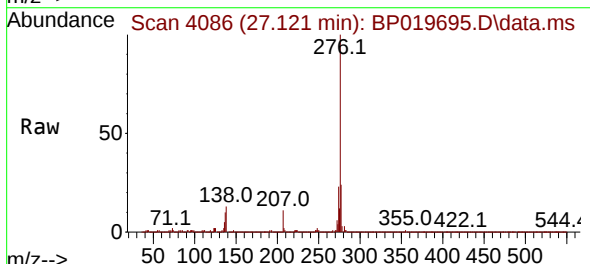
Tgt Ion: 278 Resp: 130899
 Ion Ratio Lower Upper
 278 100
 139 9.6 8.6 12.8
 279 24.2 18.5 27.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024



#92
 Benzo(g,h,i)perylene
 Concen: 45.715 ng
 RT: 27.121 min Scan# 4086
 Delta R.T. 0.006 min
 Lab File: BP019695.D
 Acq: 14 Feb 2024 11:26



Tgt Ion: 276 Resp: 1247402
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.6 28.0
 138 13.0 10.9 16.3

