

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019698.D
 Acq On : 14 Feb 2024 13:08
 Operator : MA/JU
 Sample : PB158960BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158960BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 13:39:29 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	7.905	152	69594	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	265254	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	182986	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	438441	20.000	ng	0.00
76) Chrysene-d12	21.392	240	435425	20.000	ng	# 0.00
86) Perylene-d12	23.810	264	495524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	548561	127.057	ng	0.00
7) Phenol-d6	7.081	99	711038	122.140	ng	0.00
23) Nitrobenzene-d5	9.075	82	485968	79.387	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	451518	168.999	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1174034	79.316	ng	-0.01
79) Terphenyl-d14	19.863	244	2392193	90.350	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	49762	29.915	ng	98
3) Pyridine	3.781	79	138624	30.739	ng	97
4) n-Nitrosodimethylamine	3.699	42	80008	40.749	ng	99
6) Aniline	7.240	93	208893	36.929	ng	99
8) 2-Chlorophenol	7.469	128	202474	45.678	ng	98
9) Benzaldehyde	7.052	77	35928m	8.803	ng	
10) Phenol	7.105	94	259798	44.776	ng	97
11) bis(2-Chloroethyl)ether	7.340	93	184029	40.768	ng	98
12) 1,3-Dichlorobenzene	7.793	146	220541	40.661	ng	97
13) 1,4-Dichlorobenzene	7.940	146	226519	41.222	ng	99
14) 1,2-Dichlorobenzene	8.252	146	214096	40.268	ng	98
15) Benzyl Alcohol	8.152	79	211506	45.471	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.434	45	175987	38.987	ng	98
17) 2-Methylphenol	8.358	107	173206	44.341	ng	97
18) Hexachloroethane	8.975	117	84807	39.816	ng	94
19) n-Nitroso-di-n-propyla...	8.722	70	159646	40.149	ng	99
20) 3+4-Methylphenols	8.687	107	239559	44.936	ng	97
22) Acetophenone	8.740	105	314724	41.648	ng	# 97
24) Nitrobenzene	9.116	77	245138	39.773	ng	100
25) Isophorone	9.646	82	442510	41.507	ng	99
26) 2-Nitrophenol	9.822	139	113139	48.143	ng	97
27) 2,4-Dimethylphenol	9.887	122	156323	52.020	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	249292	41.329	ng	98
29) 2,4-Dichlorophenol	10.357	162	217468	47.873	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	235162	42.221	ng	99
31) Naphthalene	10.757	128	598931	41.169	ng	100
32) Benzoic acid	10.046	122	158076	53.991	ng	93
33) 4-Chloroaniline	10.875	127	131001	24.349	ng	99
34) Hexachlorobutadiene	11.028	225	170615	41.337	ng	99
35) Caprolactam	11.681	113	71141m	55.321	ng	
36) 4-Chloro-3-methylphenol	12.004	107	241554	48.768	ng	100
37) 2-Methylnaphthalene	12.363	142	433470	43.055	ng	98
38) 1-Methylnaphthalene	12.587	142	415690	42.015	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	305481	43.287	ng	99
41) Hexachlorocyclopentadiene	12.698	237	406555	127.525	ng	100
43) 2,4,6-Trichlorophenol	12.975	196	207178	48.483	ng	97

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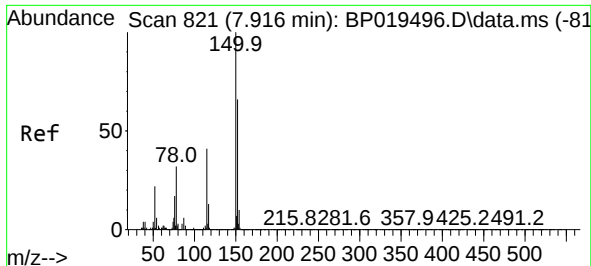
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 Supervised By :mohammad ahmed 02/15/2024

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	229153	48.835	ng	97
46) 1,1'-Biphenyl	13.381	154	604267	41.375	ng	98
47) 2-Chloronaphthalene	13.422	162	484361	40.401	ng	98
48) 2-Nitroaniline	13.634	65	161834	48.275	ng	99
49) Acenaphthylene	14.263	152	792293	47.105	ng	100
50) Dimethylphthalate	14.010	163	654947	46.755	ng	99
51) 2,6-Dinitrotoluene	14.134	165	145690	47.338	ng	94
52) Acenaphthene	14.604	154	444887	42.617	ng	99
53) 3-Nitroaniline	14.463	138	105806	37.409	ng	95
54) 2,4-Dinitrophenol	14.675	184	210599	131.792	ng	97
55) Dibenzofuran	14.945	168	770649	45.326	ng	99
56) 4-Nitrophenol	14.775	139	254989	109.992	ng	96
57) 2,4-Dinitrotoluene	14.922	165	212692	52.736	ng	97
58) Fluorene	15.592	166	632055	46.673	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	223115	56.529	ng	95
60) Diethylphthalate	15.375	149	669173	48.027	ng	100
61) 4-Chlorophenyl-phenyle...	15.592	204	352988	46.376	ng	95
62) 4-Nitroaniline	15.628	138	143190	48.299	ng	97
63) Azobenzene	15.887	77	600063	44.536	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	139129	55.651	ng	96
66) n-Nitrosodiphenylamine	15.810	169	563799	42.937	ng	99
67) 4-Bromophenyl-phenylether	16.486	248	242845	44.306	ng	96
68) Hexachlorobenzene	16.592	284	280874	43.882	ng	96
69) Atrazine	16.775	200	235837	54.125	ng	97
70) Pentachlorophenol	16.939	266	412945	103.600	ng	100
71) Phenanthrene	17.339	178	1046783	45.367	ng	98
72) Anthracene	17.433	178	1063284	46.195	ng	100
73) Carbazole	17.710	167	961497	45.982	ng	99
74) Di-n-butylphthalate	18.263	149	1160571	45.904	ng	100
75) Fluoranthene	19.304	202	1331516	47.239	ng	99
77) Benzidine	19.492	184	427711	46.984	ng	99
78) Pyrene	19.657	202	1371488	44.630	ng	100
80) Butylbenzylphthalate	20.545	149	513580	44.752	ng	99
81) Benzo(a)anthracene	21.374	228	1401167	45.714	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	433948	38.853	ng	98
83) Chrysene	21.427	228	1299999	44.673	ng	98
84) Bis(2-ethylhexyl)phtha...	21.316	149	725907	41.539	ng	99
85) Di-n-octyl phthalate	22.257	149	1249478	40.638	ng	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	1678496	44.252	ng	98
88) Benzo(b)fluoranthene	23.074	252	1412176	45.218	ng	99
89) Benzo(k)fluoranthene	23.121	252	1342442	44.999	ng	99
90) Benzo(a)pyrene	23.704	252	1278115	45.995	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1387648	44.481	ng	97
92) Benzo(g,h,i)perylene	27.121	276	1318901	41.673	ng	98

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



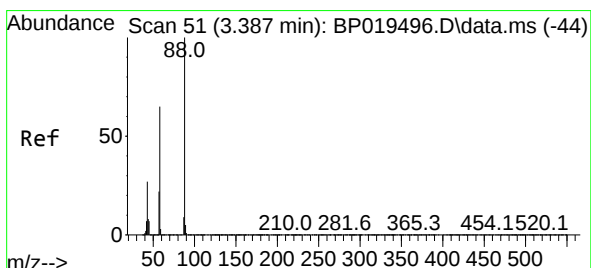
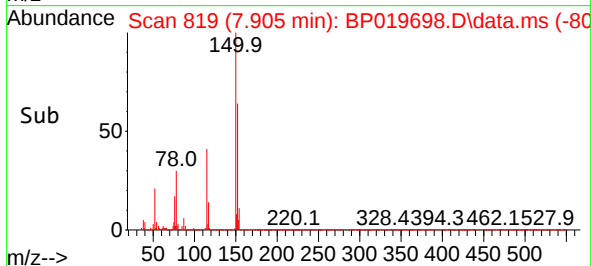
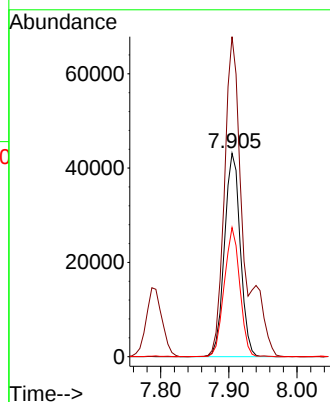
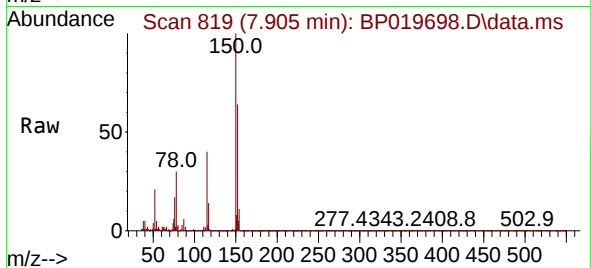
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :
BNA_P
ClientSampleId :
PB158960BS

Tgt Ion:152 Resp: 69594
Ion Ratio Lower Upper
152 100
150 157.3 121.8 182.8
115 63.5 49.9 74.9

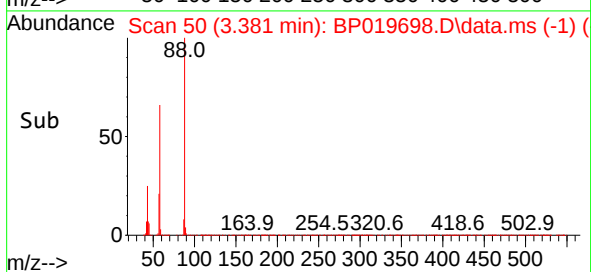
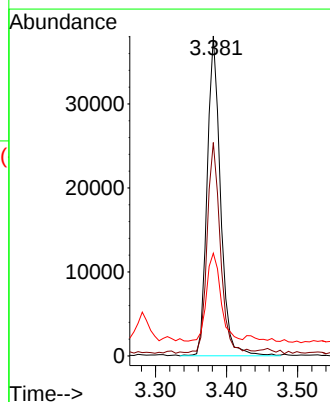
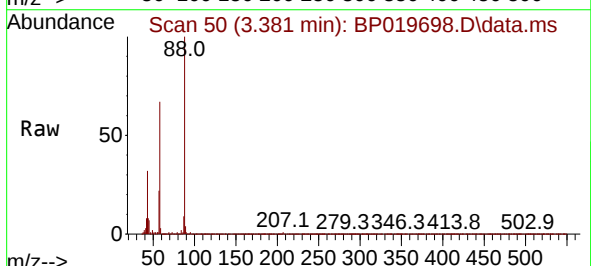
Manual Integrations
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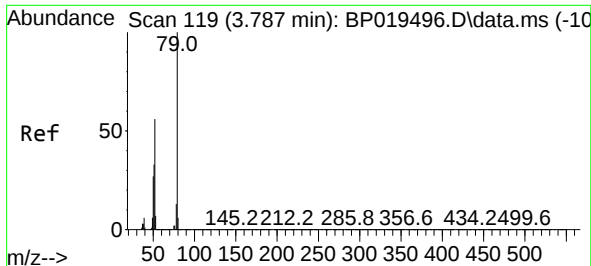
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#2
1,4-Dioxane
Concen: 29.915 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

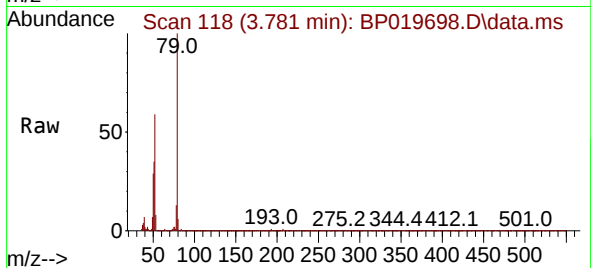
Tgt Ion: 88 Resp: 49762
Ion Ratio Lower Upper
88 100
58 65.1 52.6 78.8
43 29.3 21.9 32.9





#3
Pyridine
Concen: 30.739 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

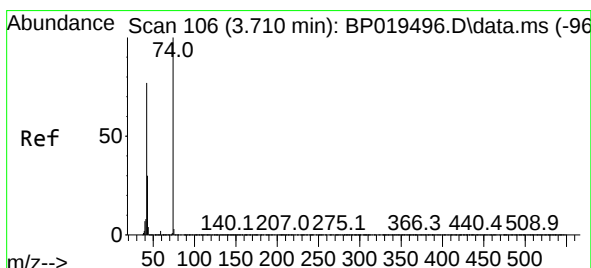
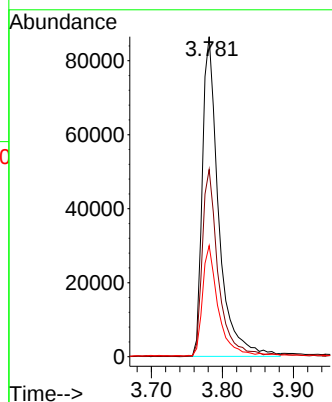
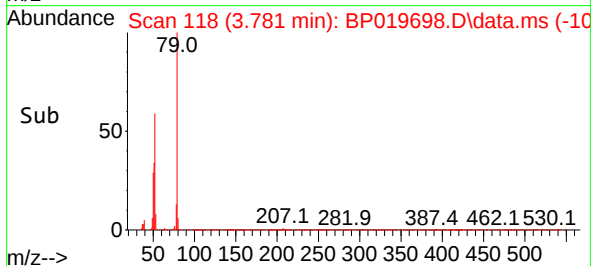
Instrument :
BNA_P
ClientSampleId :
PB158960BS



Tgt Ion: 79 Resp: 138624
Ion Ratio Lower Upper
79 100
52 58.5 45.0 67.6
51 34.7 26.8 40.2

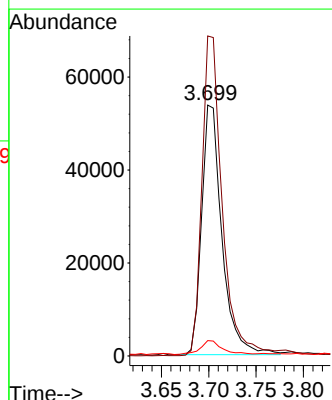
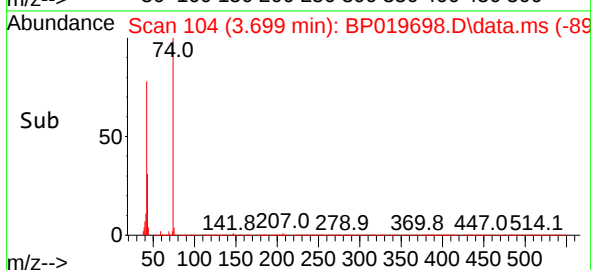
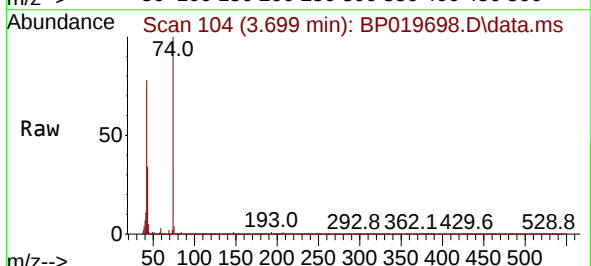
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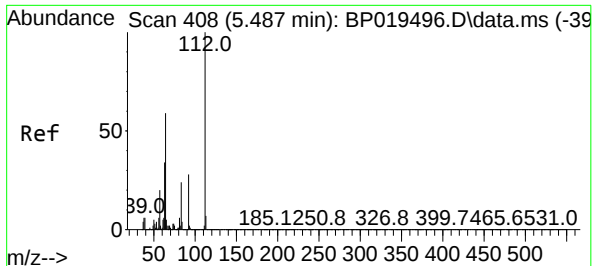
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#4
n-Nitrosodimethylamine
Concen: 40.749 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion: 42 Resp: 80008
Ion Ratio Lower Upper
42 100
74 127.5 103.4 155.2
44 6.1 4.8 7.2





#5
2-Fluorophenol
Concen: 127.057 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

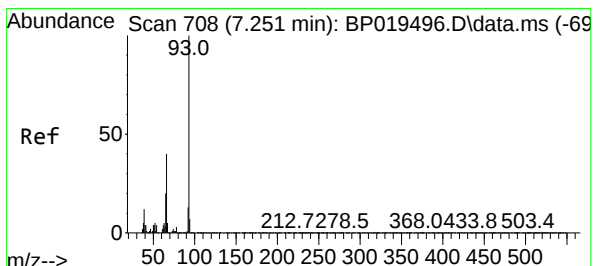
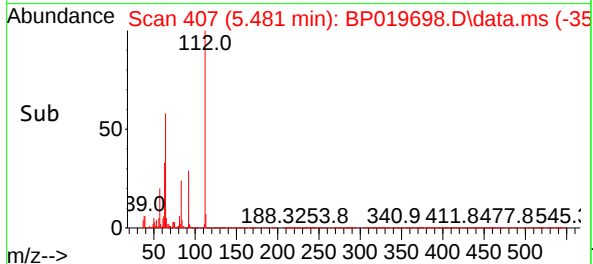
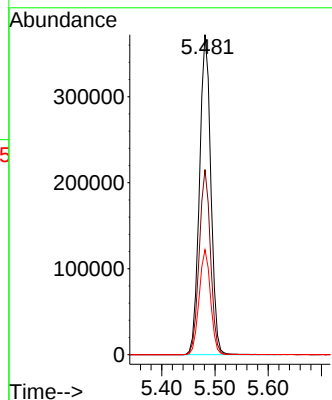
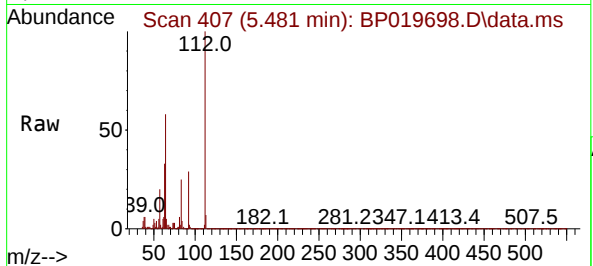
ClientSampleId :

PB158960BS

Tgt Ion:112 Resp: 54856
Ion Ratio Lower Upper
112 100
64 57.8 47.4 71.0
63 32.8 27.0 40.6

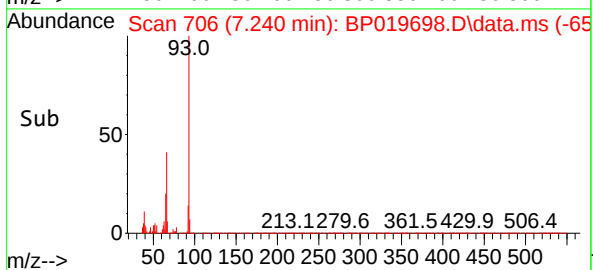
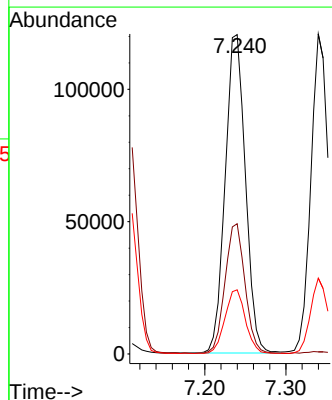
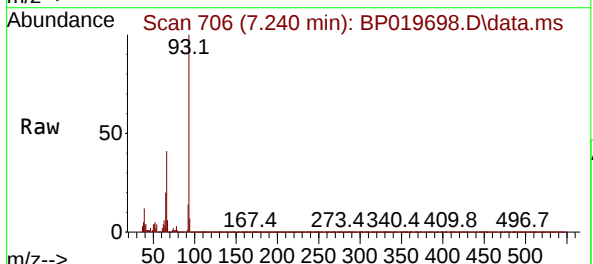
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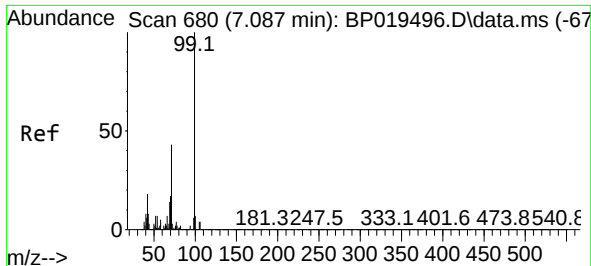
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#6
Aniline
Concen: 36.929 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

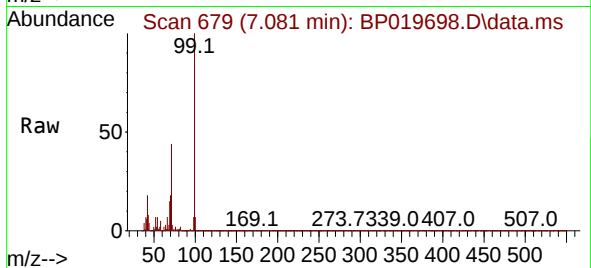
Tgt Ion: 93 Resp: 208893
Ion Ratio Lower Upper
93 100
66 40.8 32.3 48.5
65 20.1 16.4 24.6





#7
Phenol-d6
Concen: 122.140 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

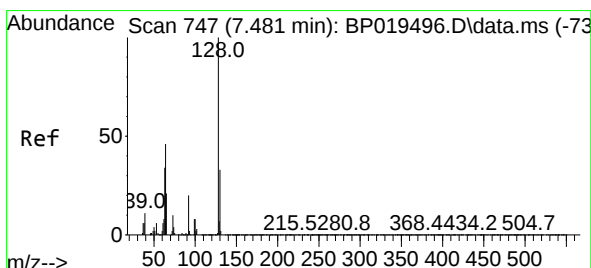
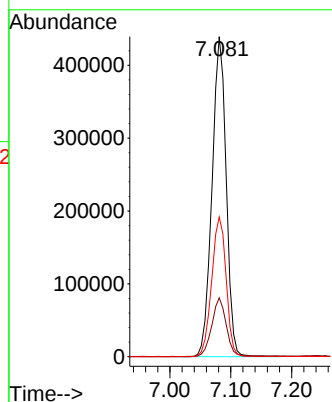
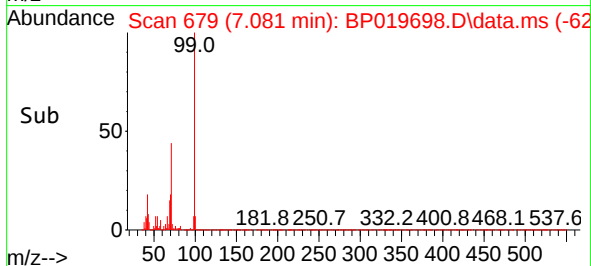
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Tgt Ion: 99 Resp: 711038
Ion Ratio Lower Upper
99 100
42 18.4 14.7 22.1
71 43.6 34.8 52.2

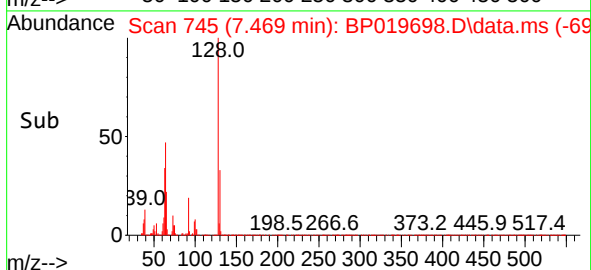
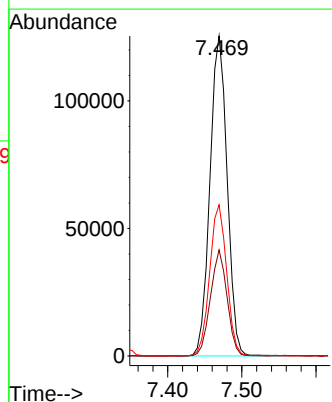
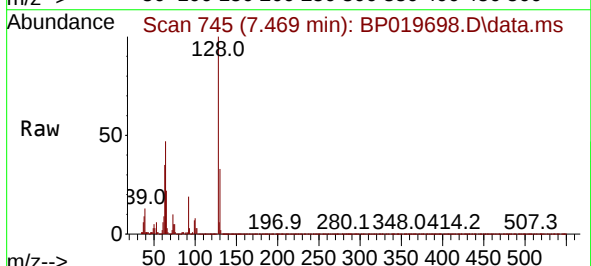
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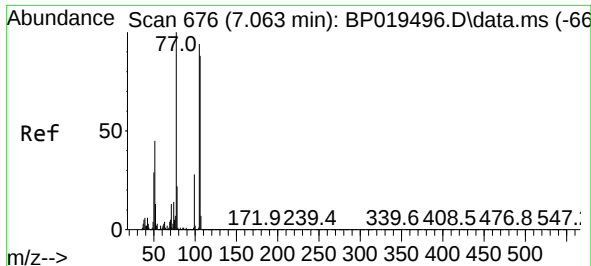
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#8
2-Chlorophenol
Concen: 45.678 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.011 min
Lab File: BP019698.D
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Tgt Ion:128 Resp: 202474
Ion Ratio Lower Upper
128 100
130 33.1 13.3 53.3
64 47.3 29.7 69.7





#9
Benzaldehyde
Concen: 8.803 ng m
RT: 7.052 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

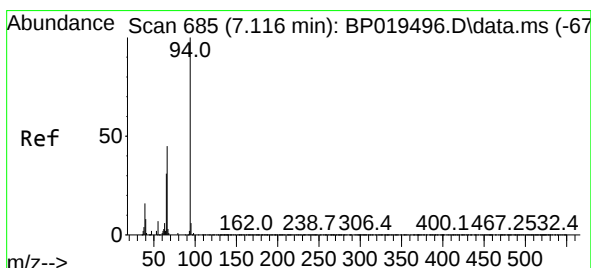
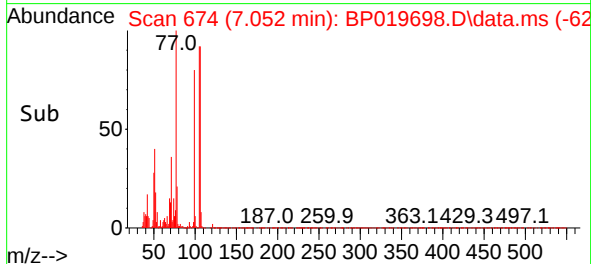
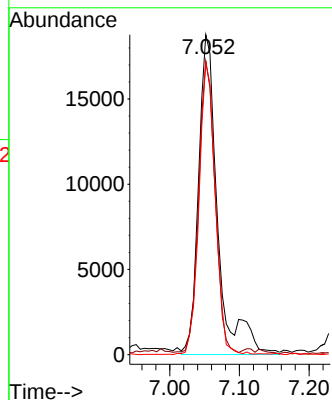
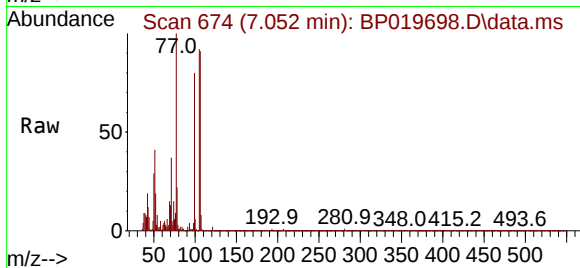
ClientSampleId :

PB158960BS

Tgt Ion: 77 Resp: 35928
Ion Ratio Lower Upper
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105 91.7 74.0 114.0
106 91.4 67.8 107.8

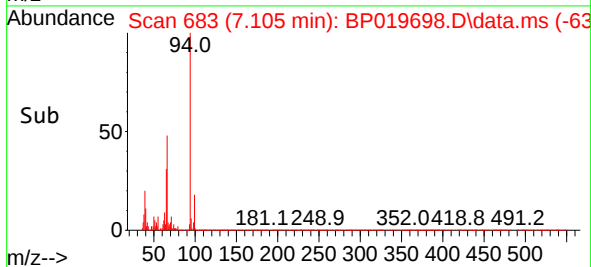
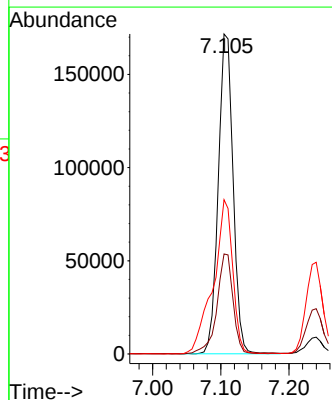
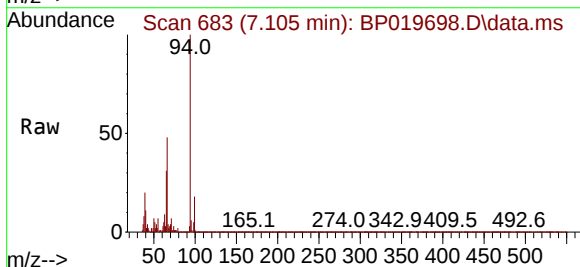
Manual Integrations
APPROVED

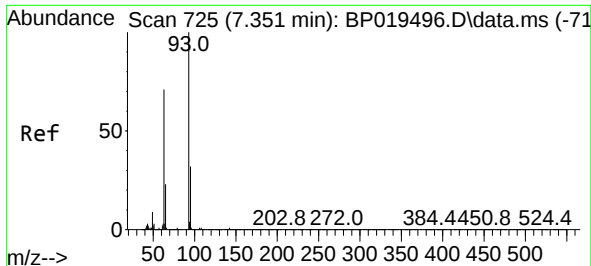
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#10
Phenol
Concen: 44.776 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion: 94 Resp: 259798
Ion Ratio Lower Upper
94 100
65 31.3 11.3 51.3
66 48.2 25.1 65.1





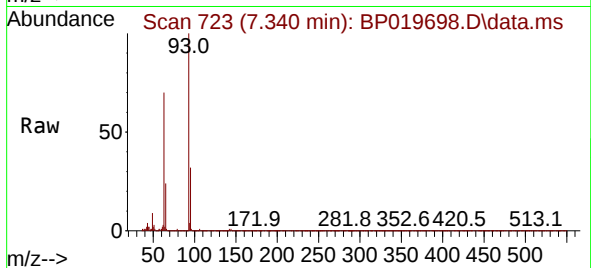
#11
bis(2-Chloroethyl)ether
Concen: 40.768 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB158960BS



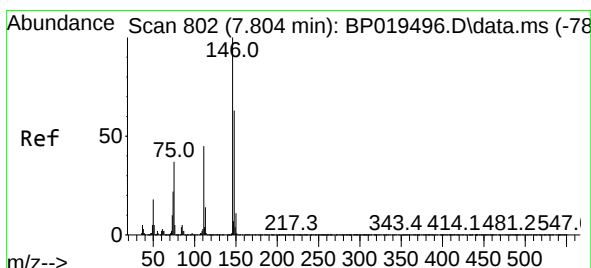
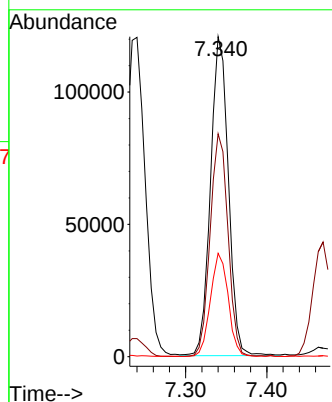
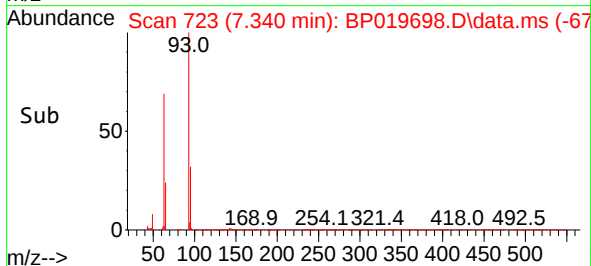
Tgt Ion: 93 Resp: 184029
Ion Ratio Lower Upper
93 100
63 69.6 51.2 91.2
95 32.3 11.8 51.8

Manual Integrations

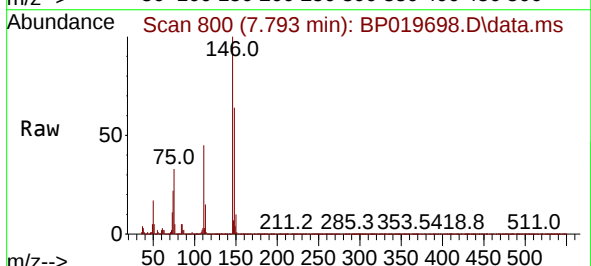
APPROVED

Reviewed By :Yogesh Patel 02/15/2024

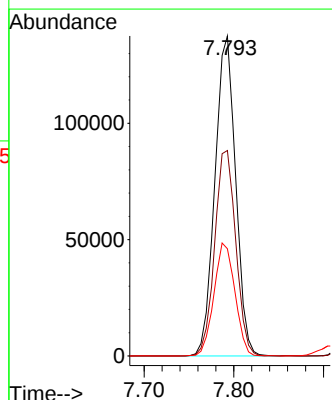
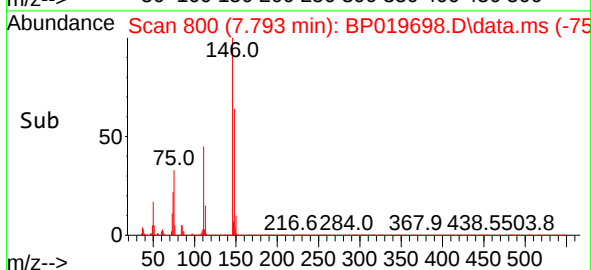
Supervised By :mohammad ahmed 02/15/2024

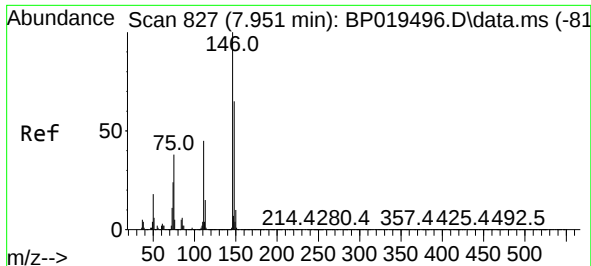


#12
1,3-Dichlorobenzene
Concen: 40.661 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08



Tgt Ion:146 Resp: 220541
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
75 33.5 29.9 44.9





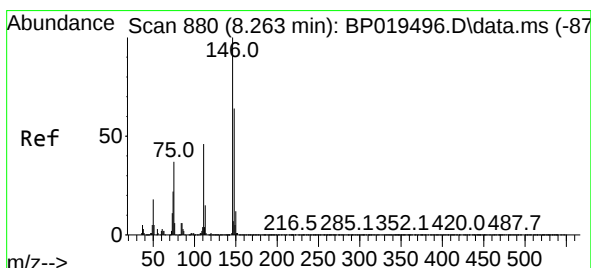
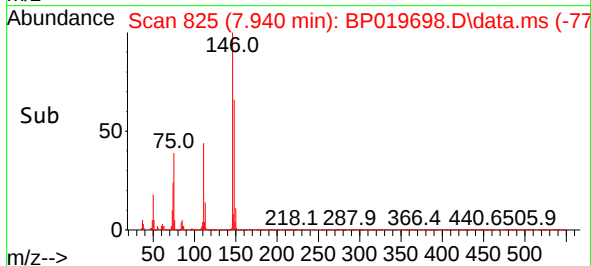
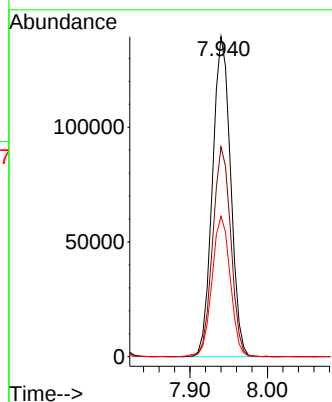
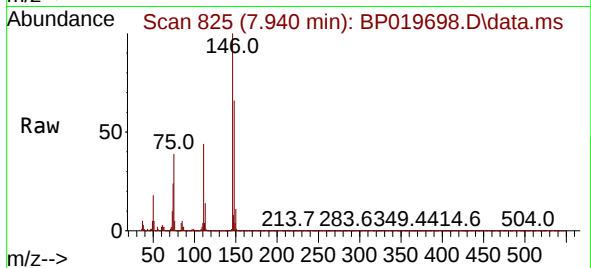
#13
1,4-Dichlorobenzene
Concen: 41.222 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :
BNA_P
ClientSampleId :
PB158960BS

Tgt Ion:146 Resp: 226519
Ion Ratio Lower Upper
146 100
148 65.5 51.9 77.9
111 43.9 35.8 53.6

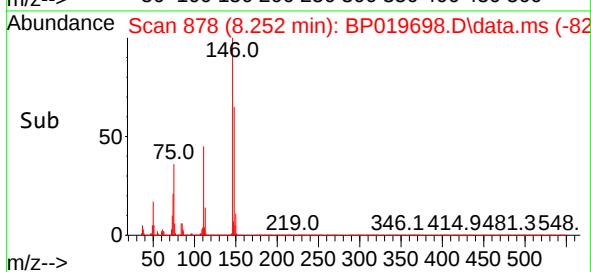
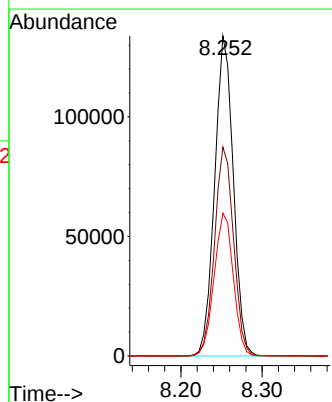
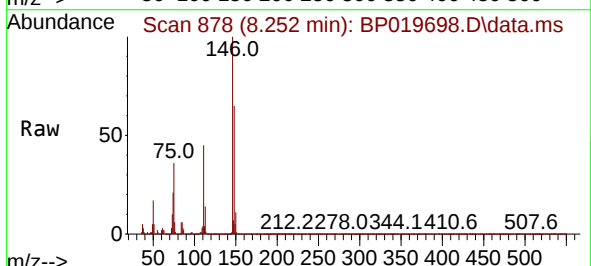
Manual Integrations
APPROVED

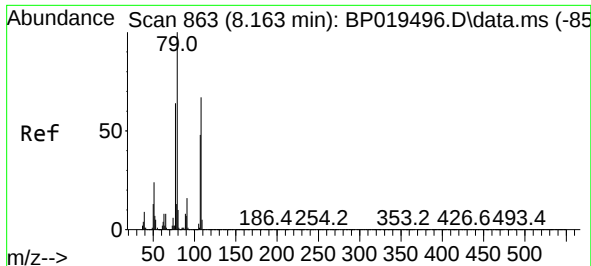
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#14
1,2-Dichlorobenzene
Concen: 40.268 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:146 Resp: 214096
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
111 44.6 37.0 55.6





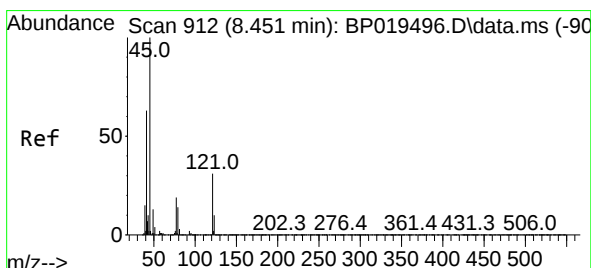
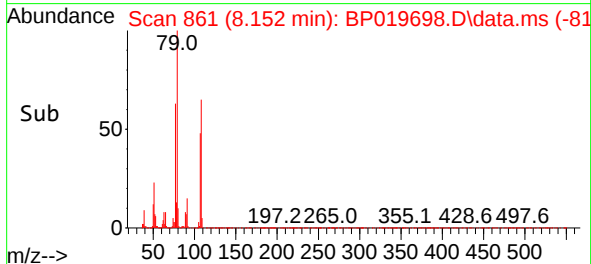
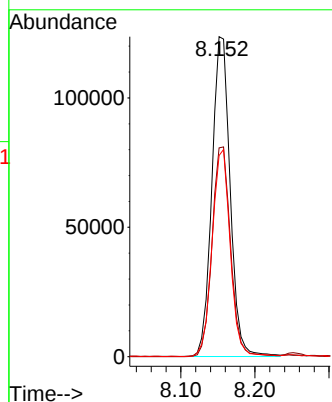
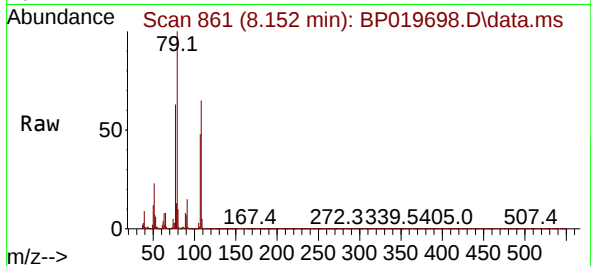
#15
Benzyl Alcohol
Concen: 45.471 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :
BNA_P
ClientSampleId :
PB158960BS

Tgt Ion: 79 Resp: 211500
Ion Ratio Lower Upper
79 100
108 65.3 53.8 80.6
77 62.9 51.3 76.9

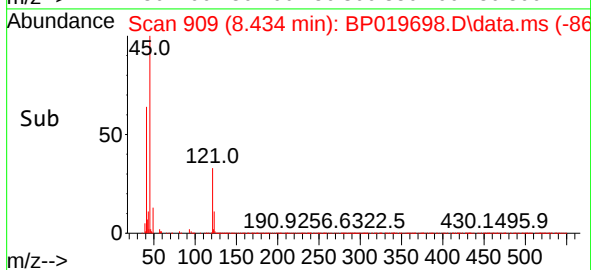
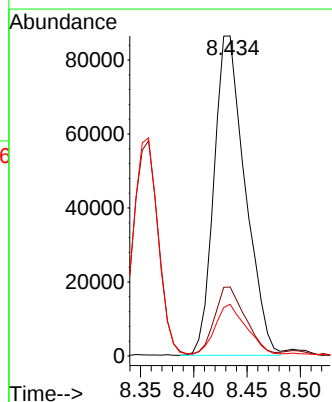
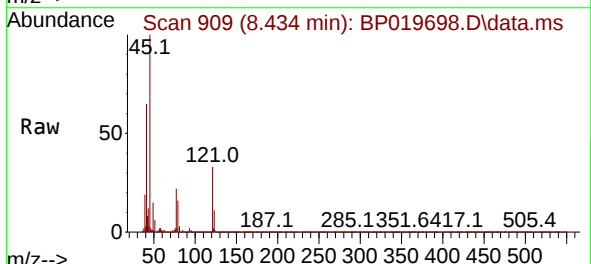
Manual Integrations
APPROVED

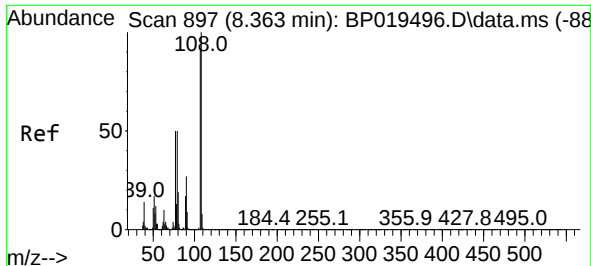
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.987 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.017 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion: 45 Resp: 175987
Ion Ratio Lower Upper
45 100
77 21.6 0.8 40.8
79 16.2 0.0 35.5





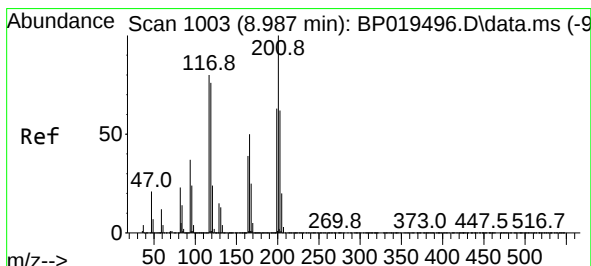
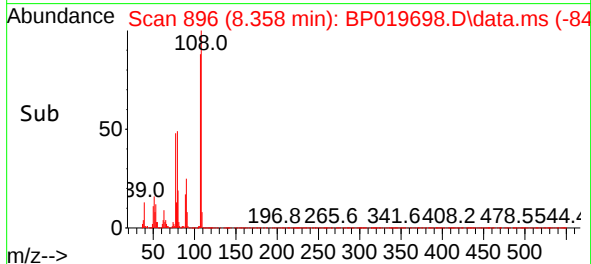
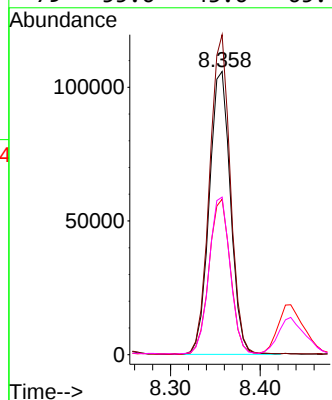
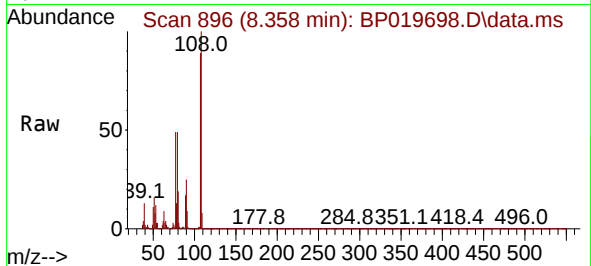
#17
2-Methylphenol
Concen: 44.341 ng
RT: 8.358 min Scan# 897
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :
BNA_P
ClientSampleId :
PB158960BS

Tgt Ion:	107	Resp:	173200
Ion	Ratio	Lower	Upper
107	100		
108	113.0	87.0	130.6
77	54.9	43.5	65.3
79	55.6	43.6	65.4

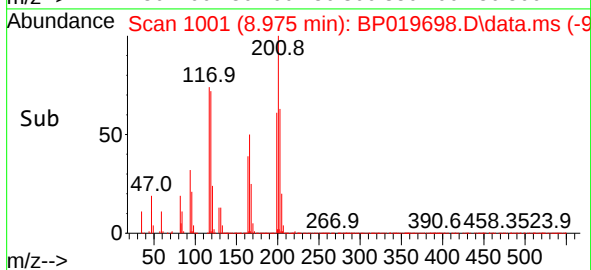
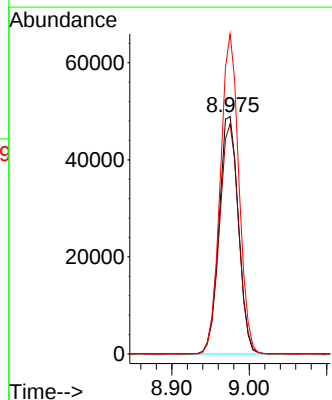
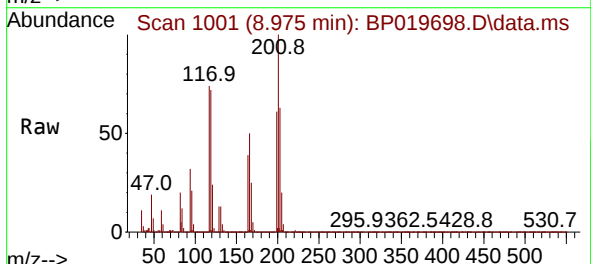
Manual Integrations
APPROVED

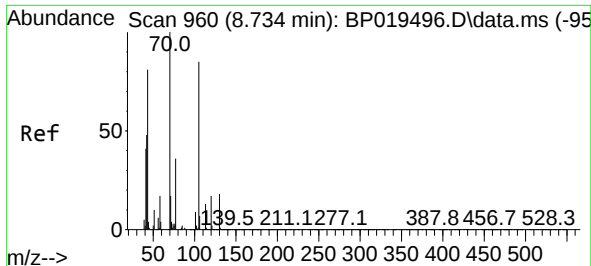
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#18
Hexachloroethane
Concen: 39.816 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

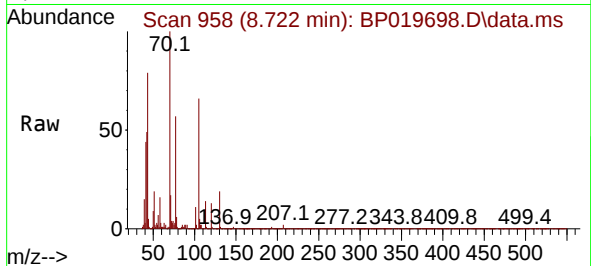
Tgt Ion:	117	Resp:	84807
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.5	113.3
201	134.8	99.4	149.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.149 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

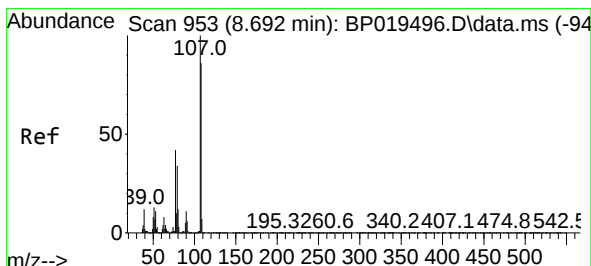
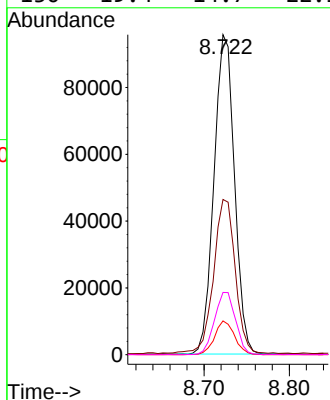
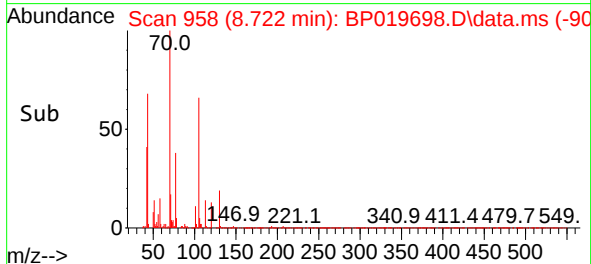
Instrument :
BNA_P
ClientSampleId :
PB158960BS



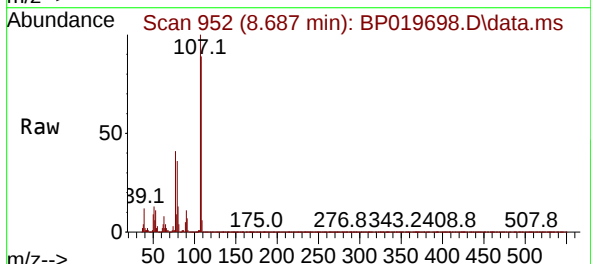
Tgt Ion: 70 Resp: 159640
Ion Ratio Lower Upper
70 100
42 48.5 39.2 58.8
101 10.5 7.3 10.9
130 19.4 14.7 22.1

Manual Integrations
APPROVED

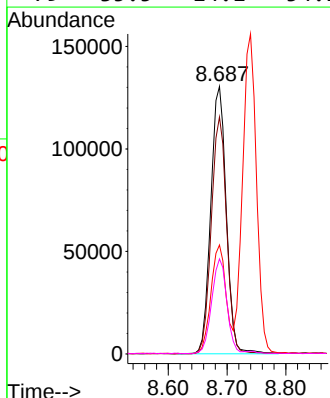
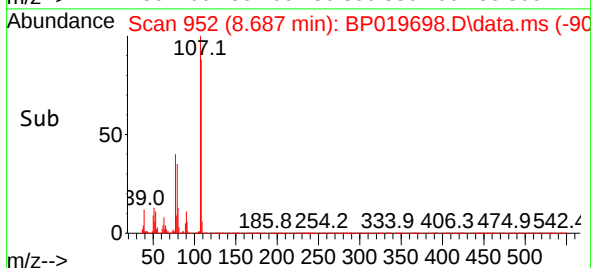
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

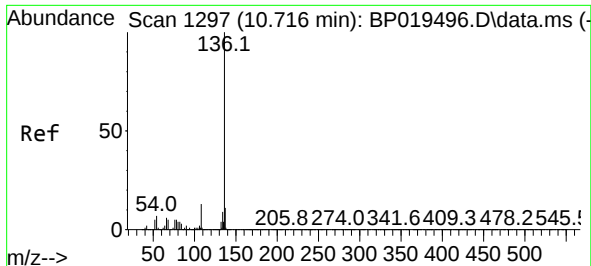


#20
3+4-Methylphenols
Concen: 44.936 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08



Tgt Ion:107 Resp: 239559
Ion Ratio Lower Upper
107 100
108 88.6 65.5 105.5
77 40.7 21.8 61.8
79 35.5 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

ClientSampleId :

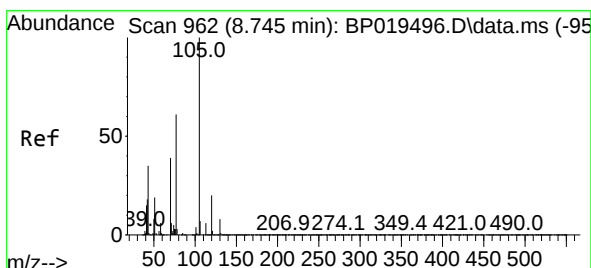
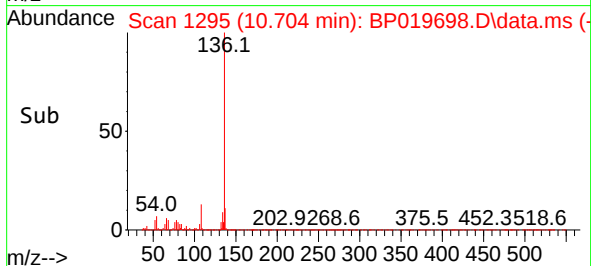
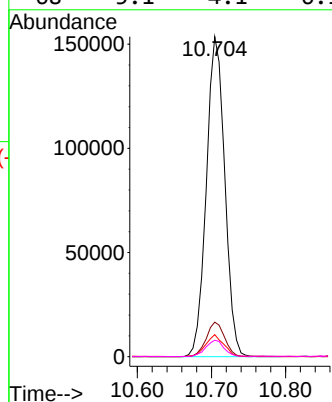
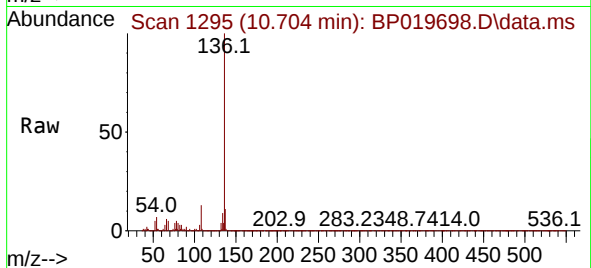
PB158960BS

Tgt Ion:136 Resp: 265254
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.9 5.3 7.9
68 5.1 4.1 6.1

Manual Integrations

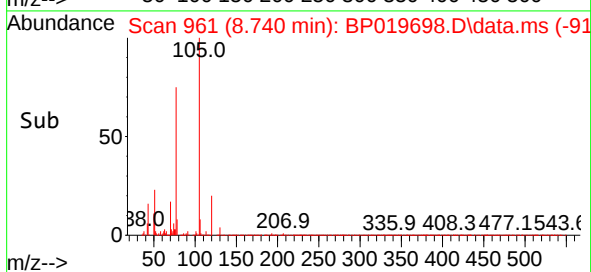
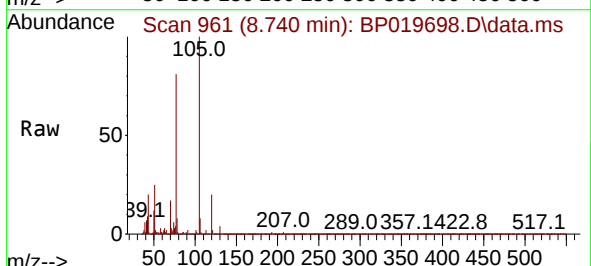
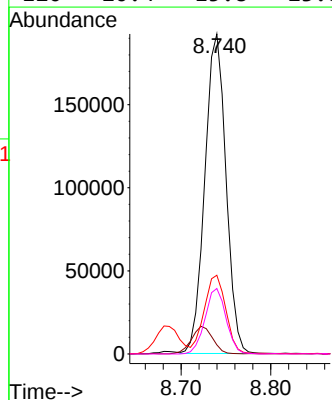
APPROVED

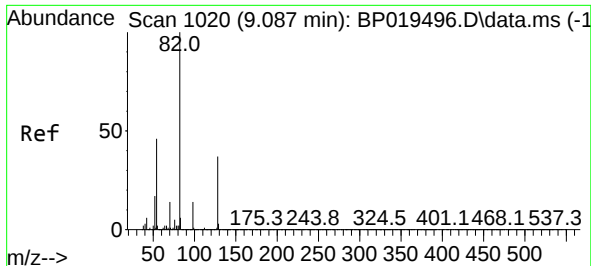
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#22
Acetophenone
Concen: 41.648 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:105 Resp: 314724
Ion Ratio Lower Upper
105 100
71 2.9 4.9 7.3#
51 24.6 20.7 31.1
120 20.4 15.8 23.8





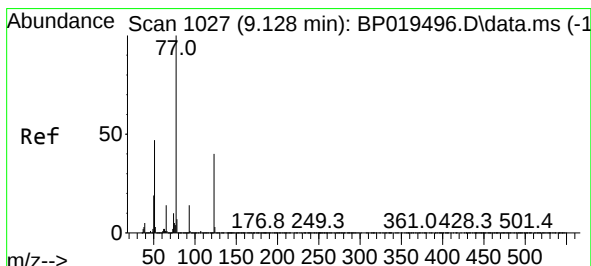
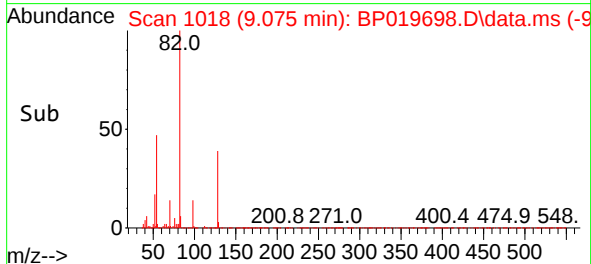
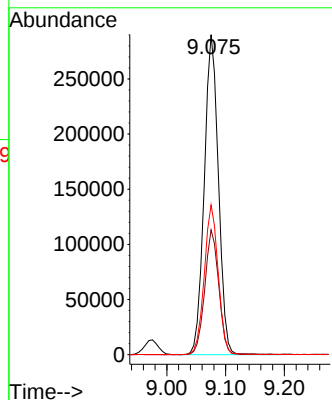
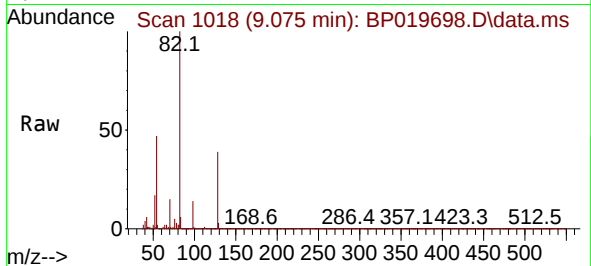
#23
Nitrobenzene-d5
Concen: 79.387 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :
BNA_P
ClientSampleId :
PB158960BS

Tgt Ion: 82 Resp: 485968
Ion Ratio Lower Upper
82 100
128 39.0 29.7 44.5
54 46.8 36.8 55.2

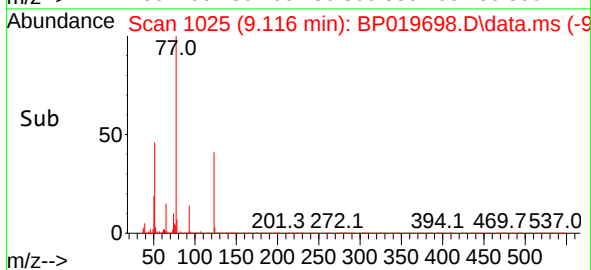
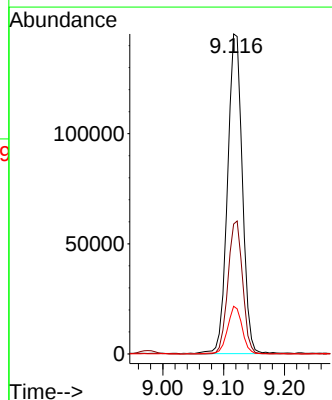
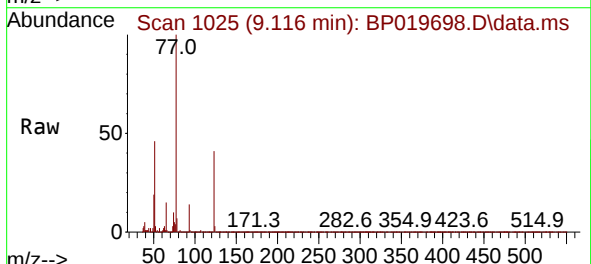
Manual Integrations
APPROVED

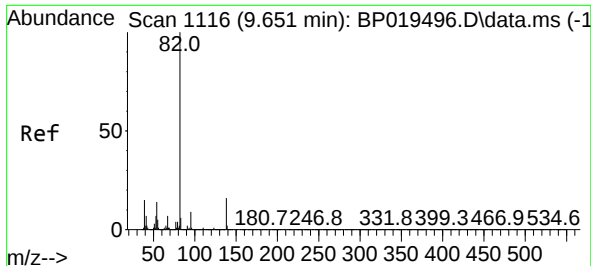
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#24
Nitrobenzene
Concen: 39.773 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion: 77 Resp: 245138
Ion Ratio Lower Upper
77 100
123 40.6 32.3 48.5
65 14.9 11.6 17.4





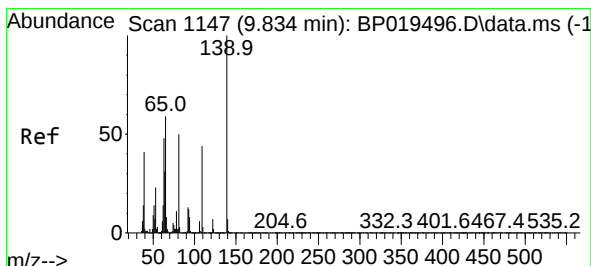
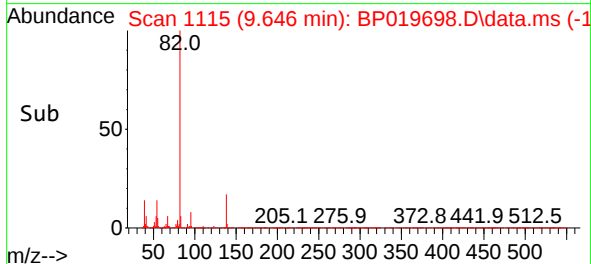
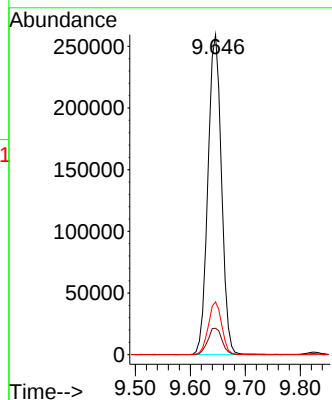
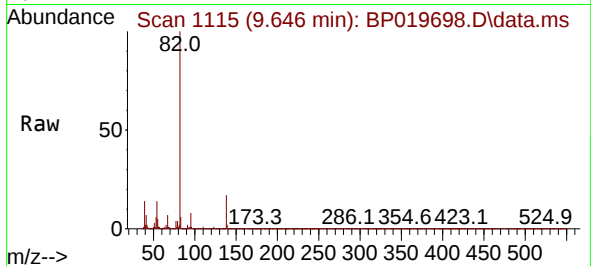
#25
Isophorone
Concen: 41.507 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :
BNA_P
ClientSampleId :
PB158960BS

Tgt Ion: 82 Resp: 442510
Ion Ratio Lower Upper
82 100
95 8.3 7.0 10.4
138 16.5 13.1 19.7

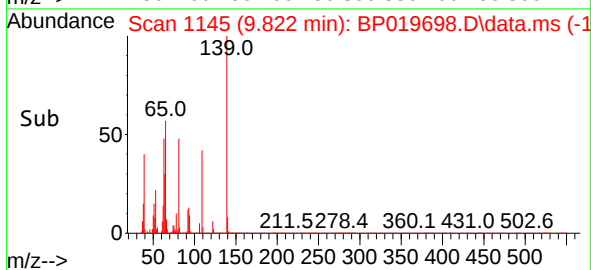
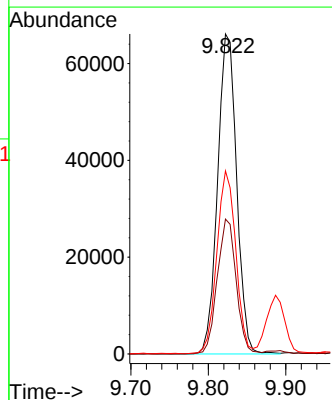
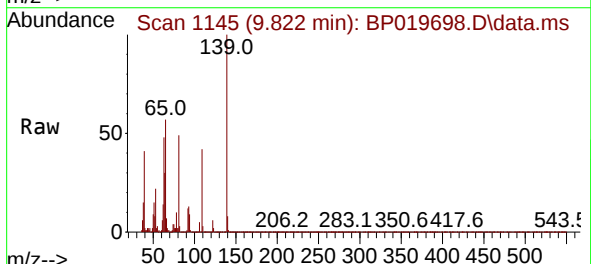
Manual Integrations
APPROVED

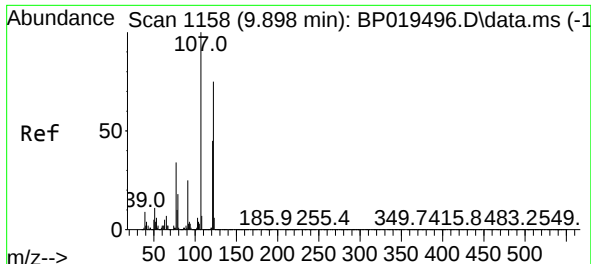
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#26
2-Nitrophenol
Concen: 48.143 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:139 Resp: 113139
Ion Ratio Lower Upper
139 100
109 42.2 34.9 52.3
65 57.2 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 52.020 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

ClientSampleId :

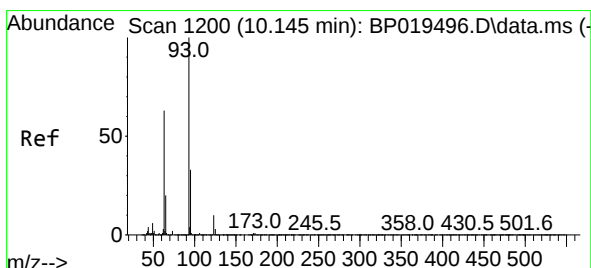
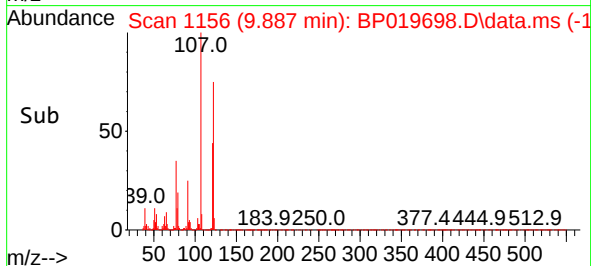
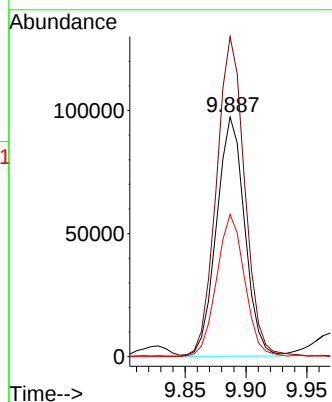
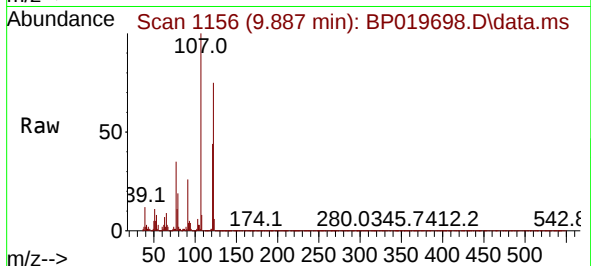
PB158960BS

Tgt Ion:122 Resp: 15632
Ion Ratio Lower Upper
122 100
107 133.5 105.9 158.9
121 59.4 47.5 71.3

Manual Integrations
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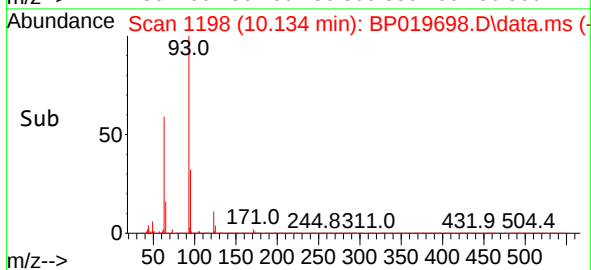
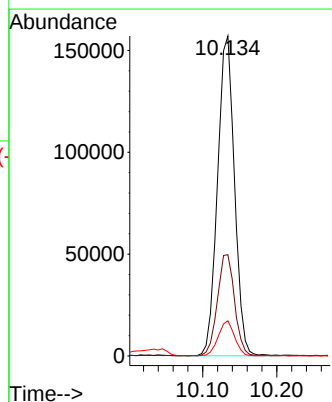
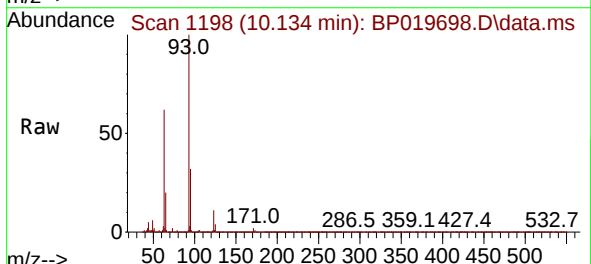
Reviewed By :Yogesh Patel 02/15/2024

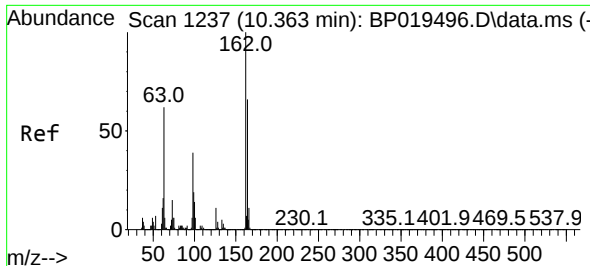
Supervised By :mohammad ahmed 02/15/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.329 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion: 93 Resp: 249292
Ion Ratio Lower Upper
93 100
95 31.7 26.2 39.4
123 11.0 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 47.873 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

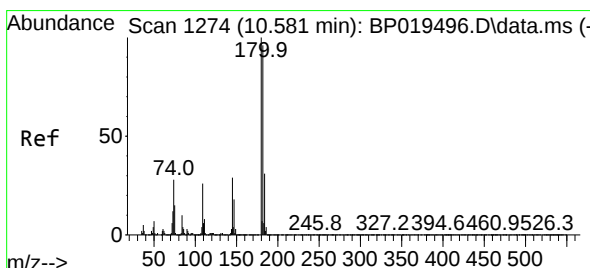
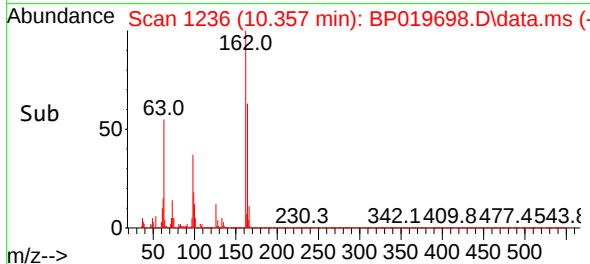
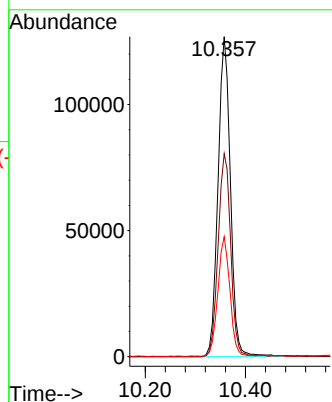
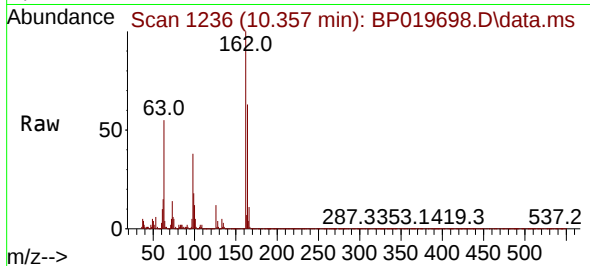
ClientSampleId :

PB158960BS

Tgt Ion:162 Resp: 217468
Ion Ratio Lower Upper
162 100
164 63.5 46.0 86.0
98 37.5 18.7 58.7

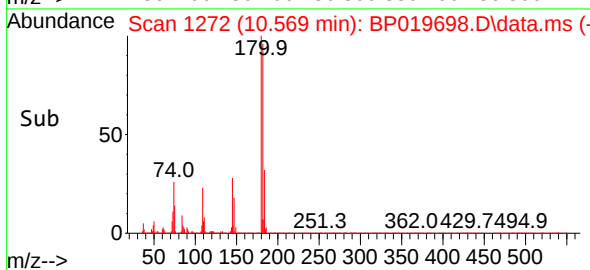
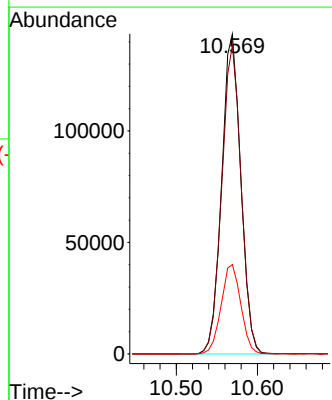
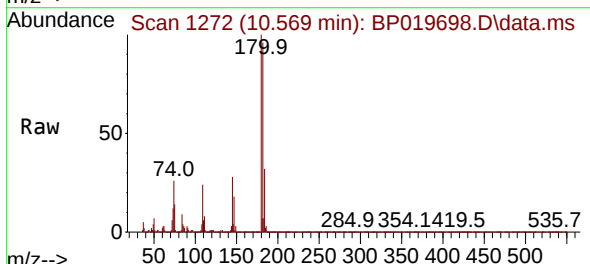
Manual Integrations
APPROVED

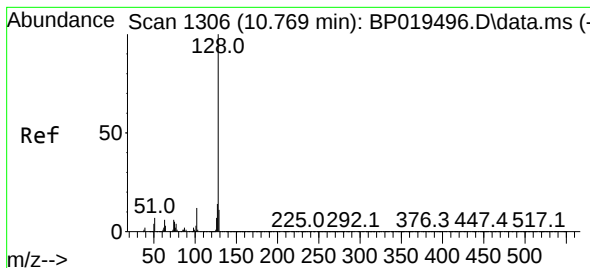
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.221 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:180 Resp: 235162
Ion Ratio Lower Upper
180 100
182 96.5 77.0 115.6
145 27.9 23.2 34.8





#31
Naphthalene
Concen: 41.169 ng
RT: 10.757 min Scan# 1183
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB158960BS

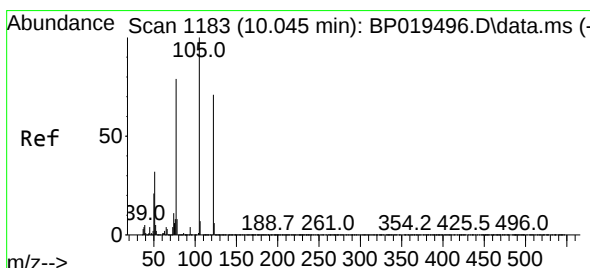
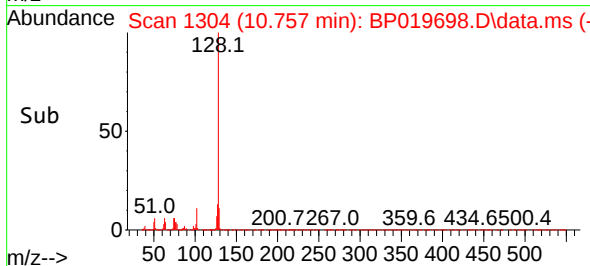
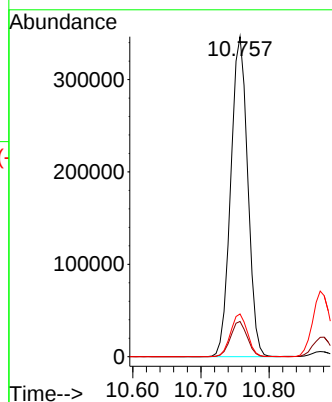
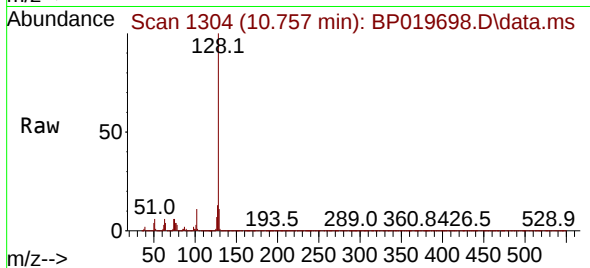
Tgt Ion:128 Resp: 59893
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.8 16.2

Manual Integrations

APPROVED

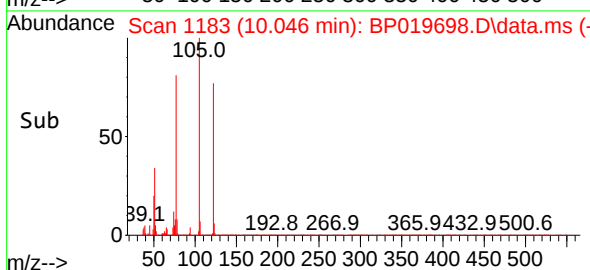
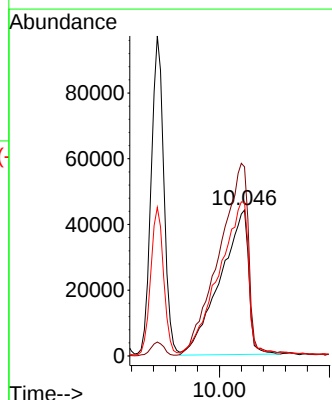
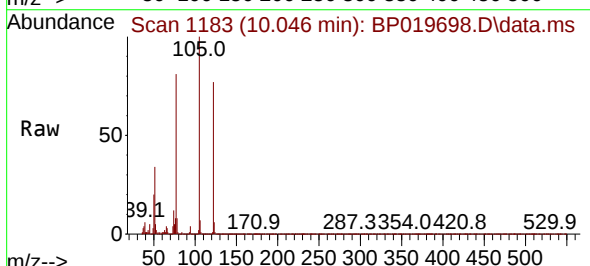
Reviewed By :Yogesh Patel 02/15/2024

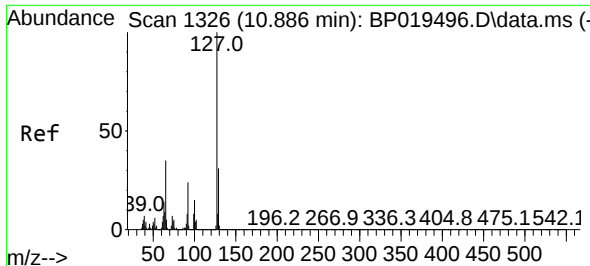
Supervised By :mohammad ahmed 02/15/2024



#32
Benzoic acid
Concen: 53.991 ng
RT: 10.046 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:122 Resp: 158076
Ion Ratio Lower Upper
122 100
105 129.6 118.8 158.8
77 105.3 91.7 131.7





#33
4-Chloroaniline
Concen: 24.349 ng
RT: 10.875 min Scan# 1324
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB158960BS

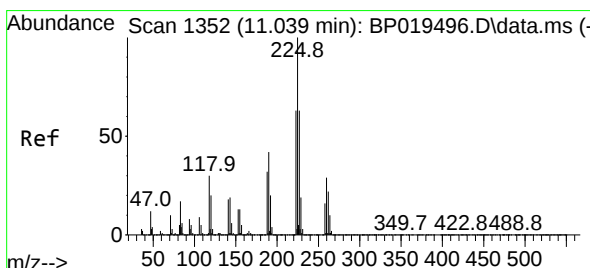
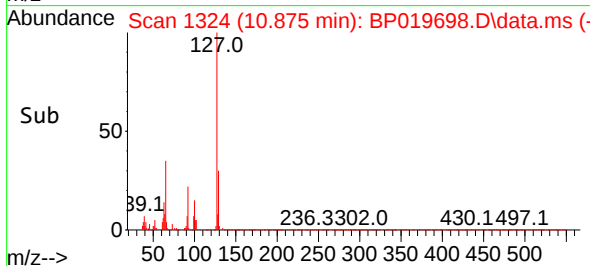
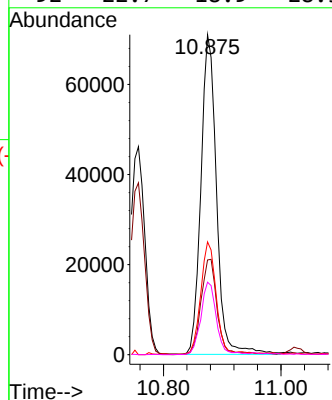
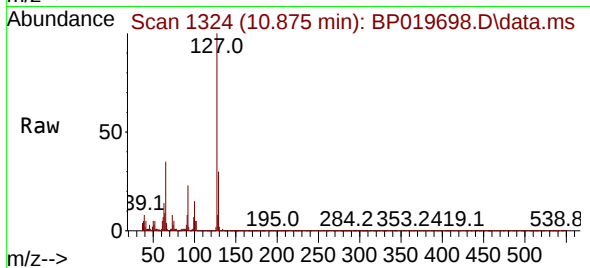
Tgt Ion:	127	Resp:	13100
Ion Ratio	Lower	Upper	
127	100		
129	29.6	24.6	36.8
65	35.2	28.2	42.4
92	22.7	18.9	28.3

Manual Integrations

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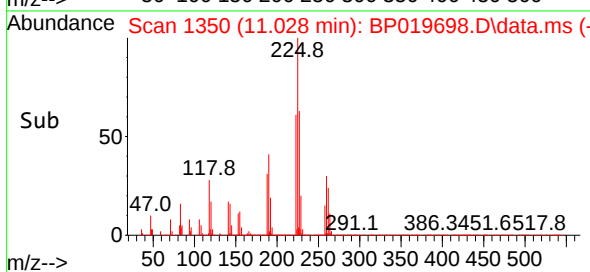
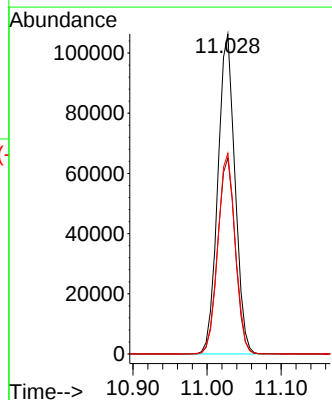
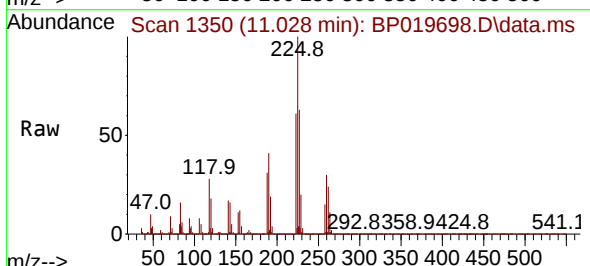
Reviewed By :Yogesh Patel 02/15/2024

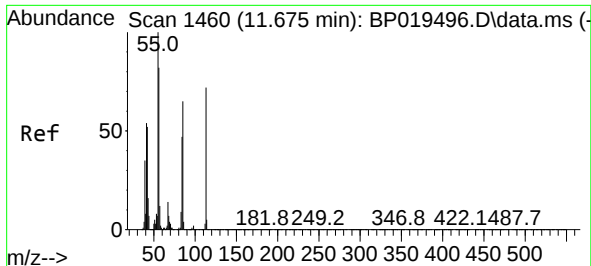
Supervised By :mohammad ahmed 02/15/2024



#34
Hexachlorobutadiene
Concen: 41.337 ng
RT: 11.028 min Scan# 1350
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

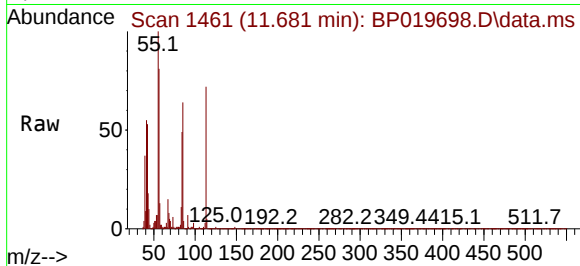
Tgt Ion:	225	Resp:	170615
Ion Ratio	Lower	Upper	
225	100		
223	61.3	50.5	75.7
227	62.7	50.2	75.2





#35
Caprolactam
Concen: 55.321 ng m
RT: 11.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

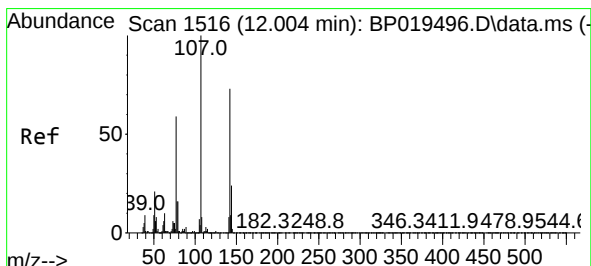
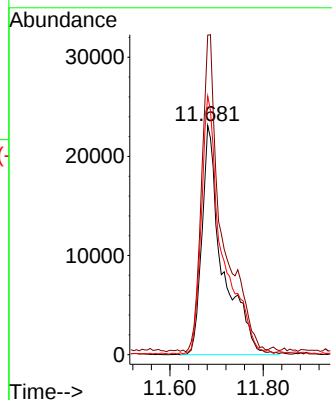
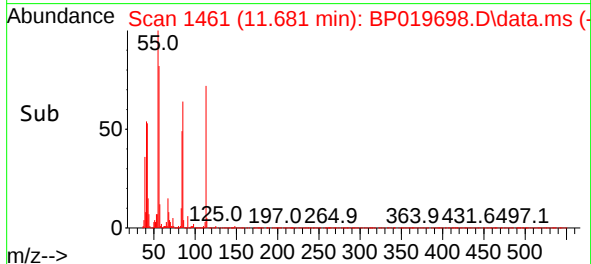
Instrument :
BNA_P
ClientSampleId :
PB158960BS



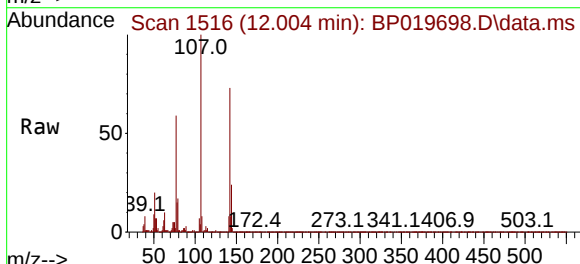
Tgt Ion:113 Resp: 7114
Ion Ratio Lower Upper
113 100
55 139.4 120.0 160.0
56 112.9 94.0 134.0

Manual Integrations
APPROVED

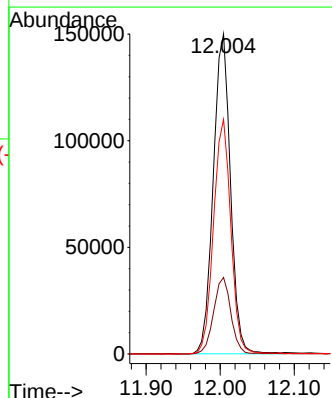
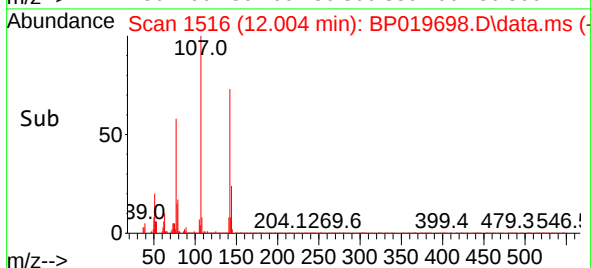
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

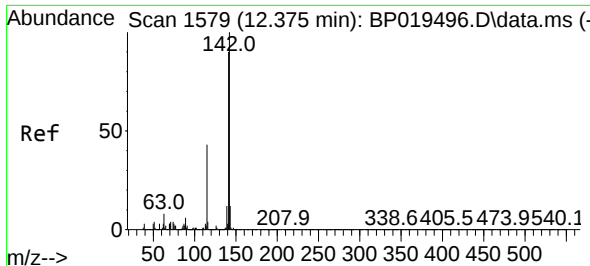


#36
4-Chloro-3-methylphenol
Concen: 48.768 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08



Tgt Ion:107 Resp: 241554
Ion Ratio Lower Upper
107 100
144 23.9 19.0 28.4
142 73.3 58.6 88.0





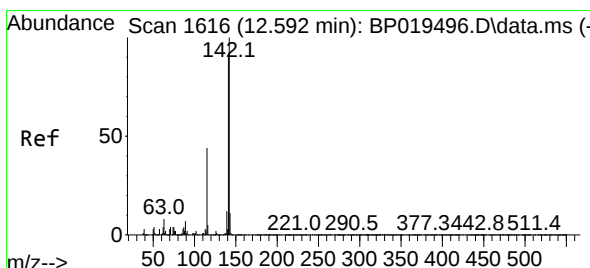
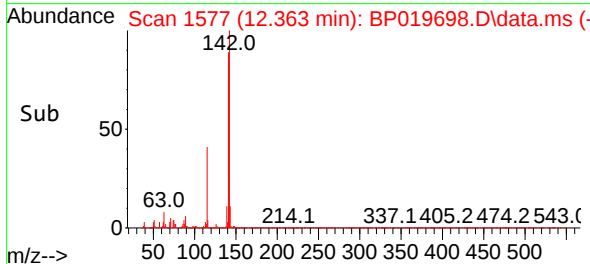
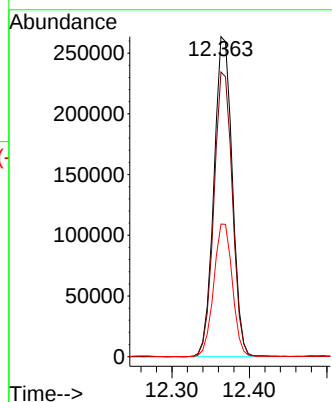
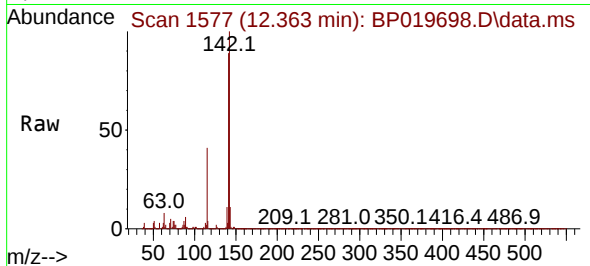
#37
2-Methylnaphthalene
Concen: 43.055 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :
BNA_P
ClientSampleId :
PB158960BS

Tgt Ion:142 Resp: 433470
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.4
115 41.4 34.2 51.2

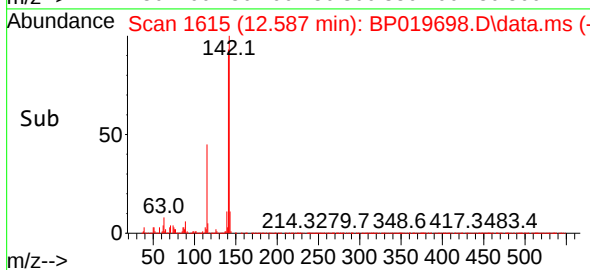
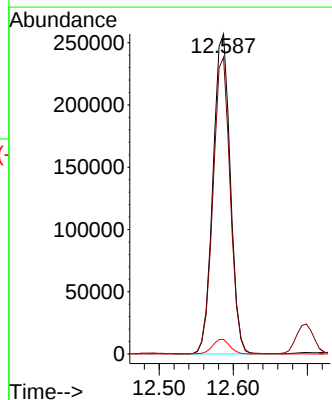
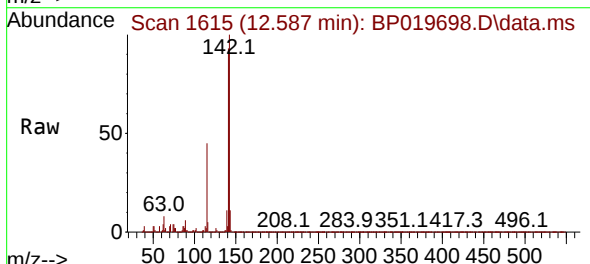
Manual Integrations
APPROVED

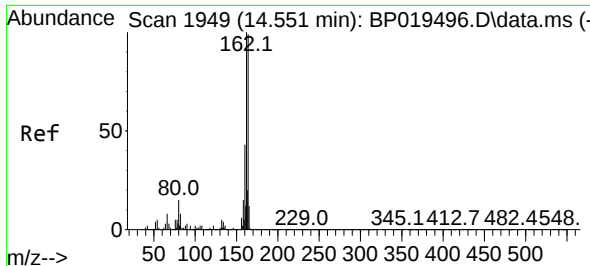
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#38
1-Methylnaphthalene
Concen: 42.015 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

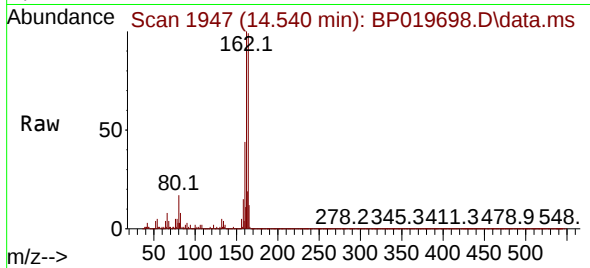
Tgt Ion:142 Resp: 415690
Ion Ratio Lower Upper
142 100
141 92.7 74.0 111.0
116 4.6 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1949
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

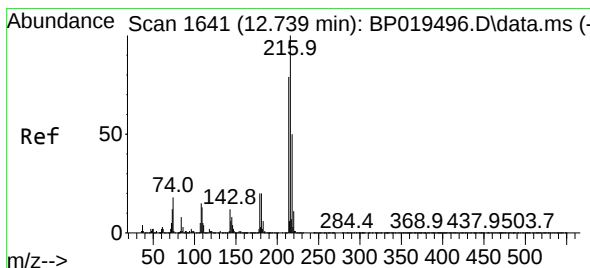
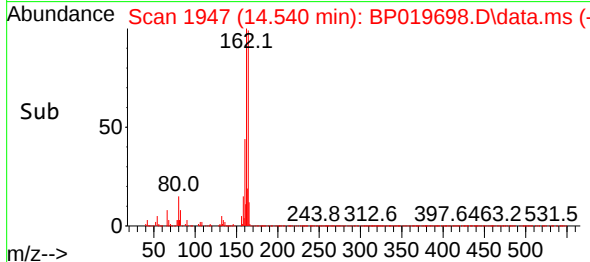
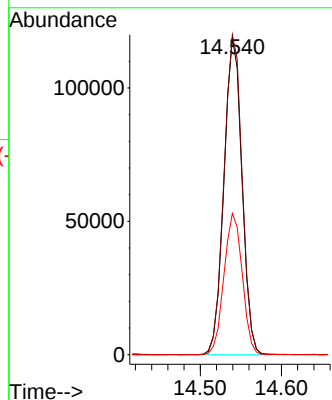
Instrument :
BNA_P
ClientSampleId :
PB158960BS



Tgt Ion:164 Resp: 182980
Ion Ratio Lower Upper
164 100
162 101.0 81.2 121.8
160 44.6 35.1 52.7

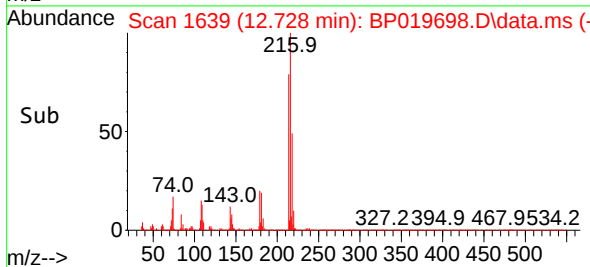
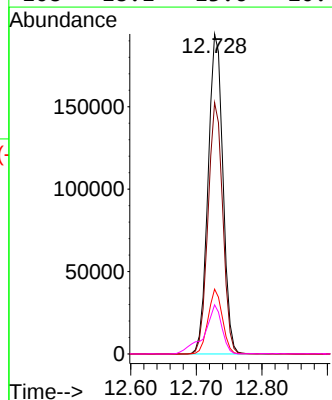
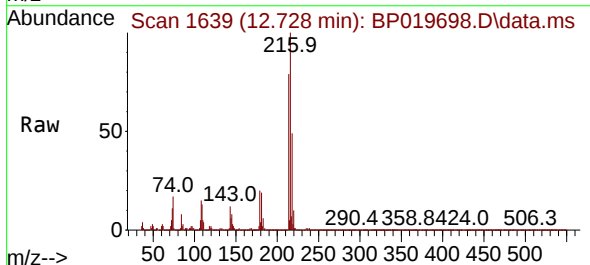
Manual Integrations
APPROVED

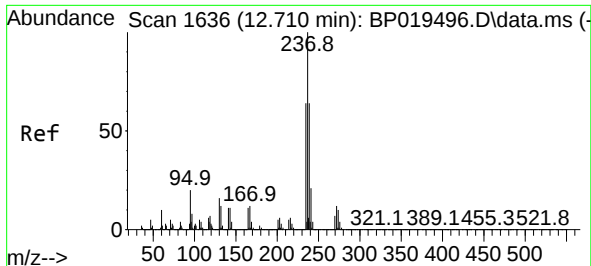
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.287 ng
RT: 12.728 min Scan# 1639
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

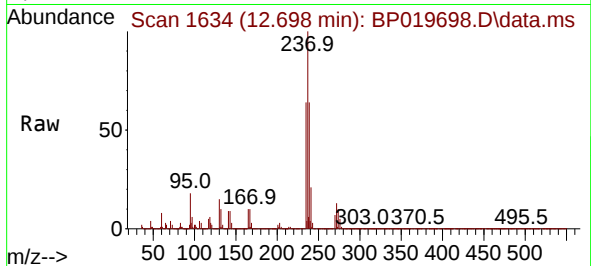
Tgt Ion:216 Resp: 305481
Ion Ratio Lower Upper
216 100
214 77.9 62.8 94.2
179 19.5 16.6 24.8
108 18.1 13.6 20.4





#41
Hexachlorocyclopentadiene
Concen: 127.525 ng
RT: 12.698 min Scan# 1634
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

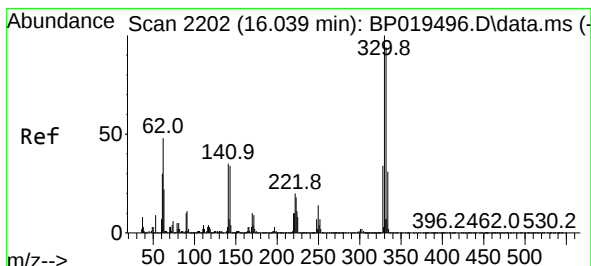
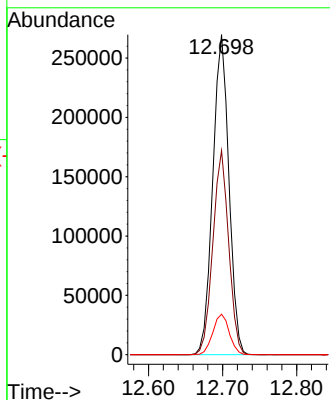
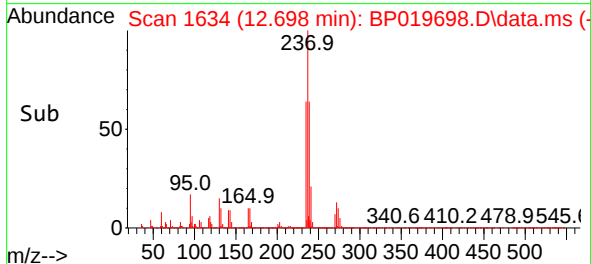
Instrument :
BNA_P
ClientSampleId :
PB158960BS



Tgt Ion:237 Resp: 40655
Ion Ratio Lower Upper
237 100
235 63.8 43.7 83.7
272 12.7 0.0 32.4

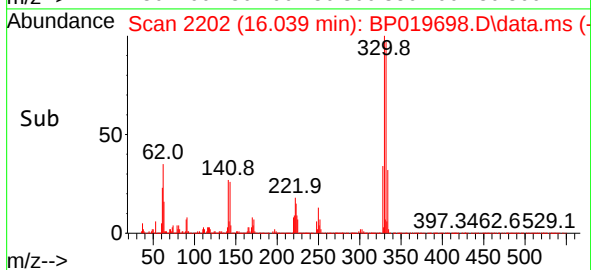
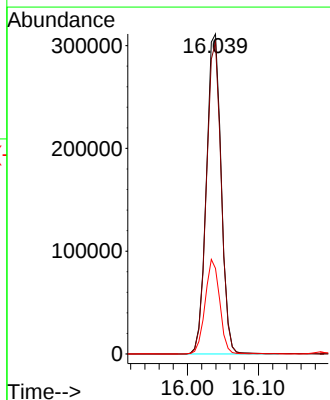
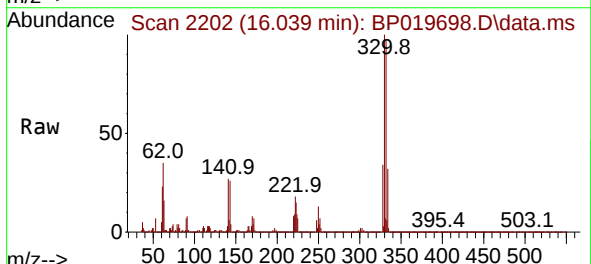
Manual Integrations
APPROVED

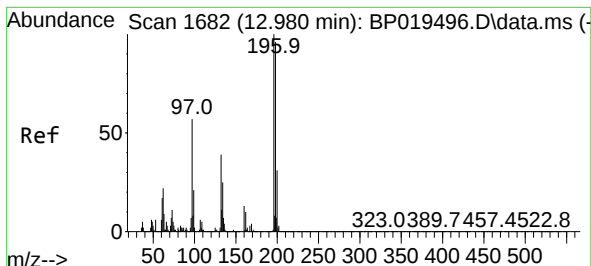
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#42
2,4,6-Tribromophenol
Concen: 168.999 ng
RT: 16.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:330 Resp: 451518
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 29.0 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 48.483 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP019698.D

Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB158960BS

Tgt Ion:196 Resp: 207178

Ion Ratio Lower Upper

196 100

198 93.4 76.7 115.1

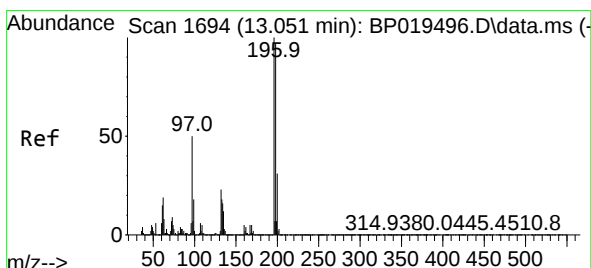
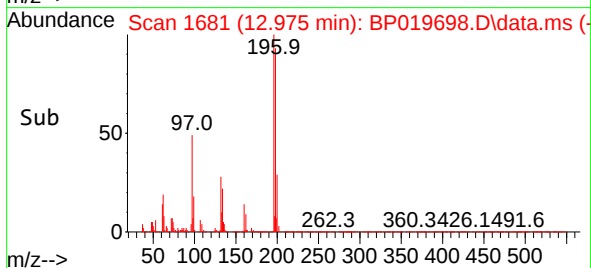
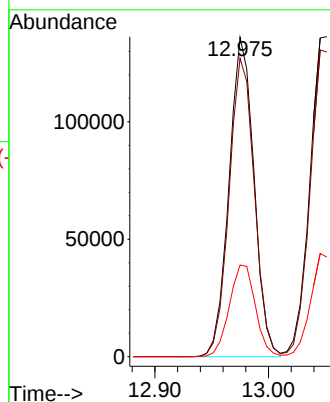
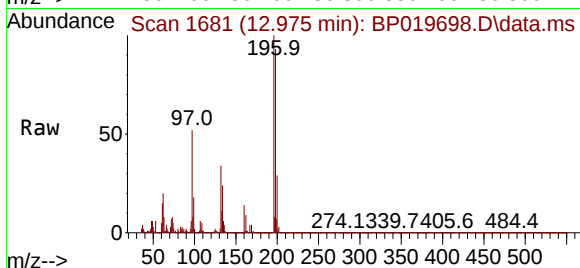
200 28.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#44

2,4,5-Trichlorophenol

Concen: 48.835 ng

RT: 13.051 min Scan# 1694

Delta R.T. 0.000 min

Lab File: BP019698.D

Acq: 14 Feb 2024 13:08

Tgt Ion:196 Resp: 229153

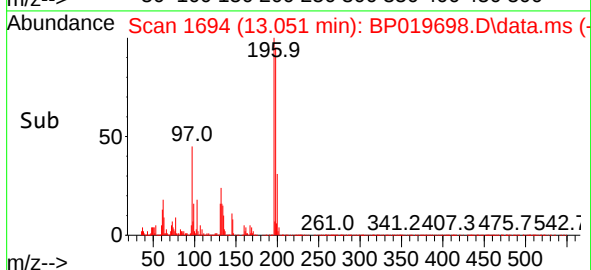
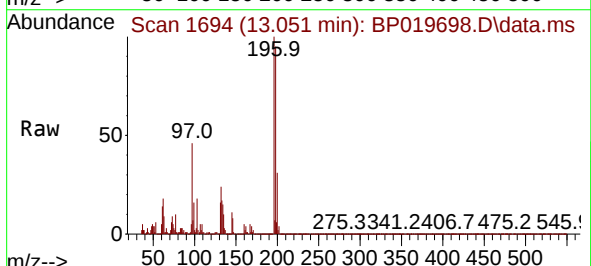
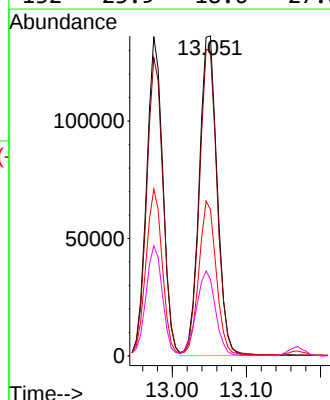
Ion Ratio Lower Upper

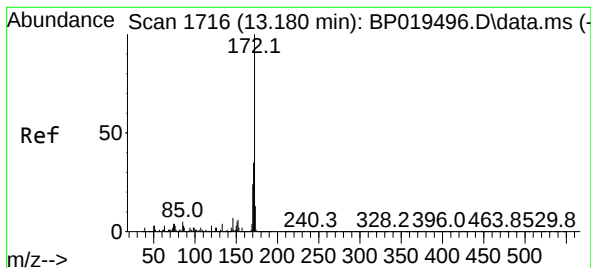
196 100

198 95.2 77.5 116.3

97 45.8 39.9 59.9

132 23.9 18.6 27.8





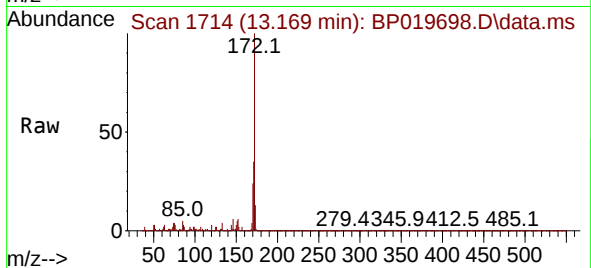
#45
2-Fluorobiphenyl
Concen: 79.316 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB158960BS



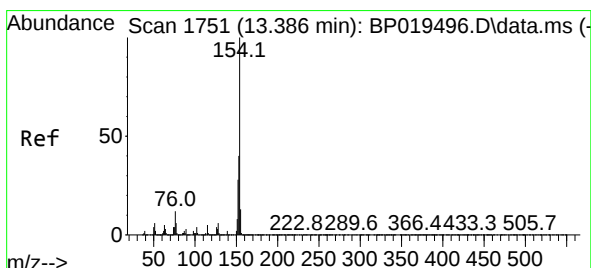
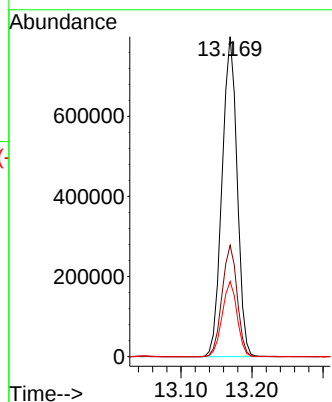
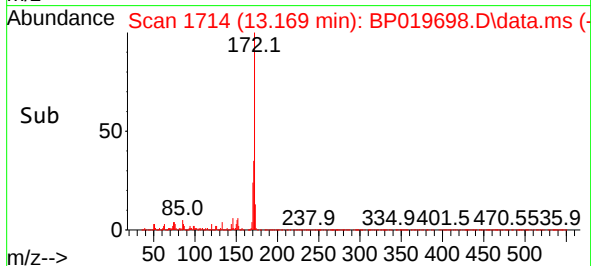
Tgt Ion:172 Resp: 1174034
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.5 18.9 28.3

Manual Integrations

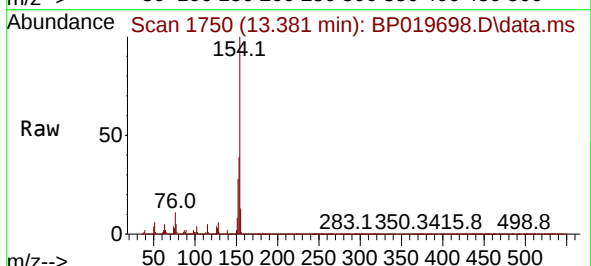
APPROVED

Reviewed By :Yogesh Patel 02/15/2024

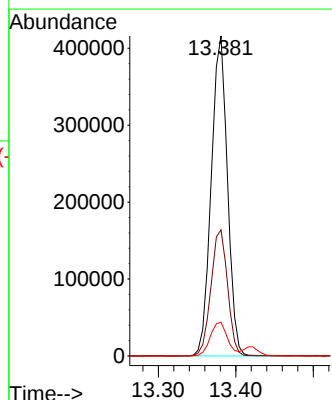
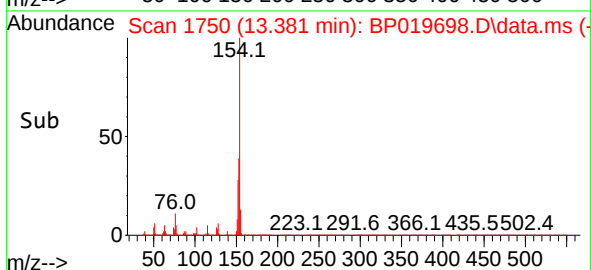
Supervised By :mohammad ahmed 02/15/2024

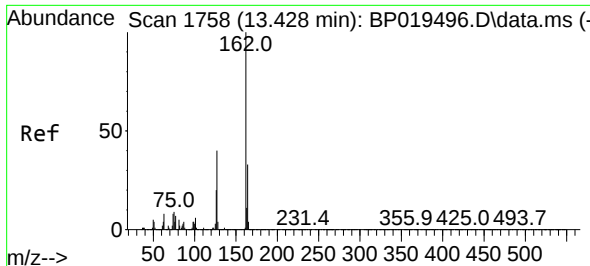


#46
1,1'-Biphenyl
Concen: 41.375 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08



Tgt Ion:154 Resp: 604267
Ion Ratio Lower Upper
154 100
153 39.4 20.2 60.2
76 10.5 0.0 31.6





#47
2-Chloronaphthalene
Concen: 40.401 ng
RT: 13.422 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

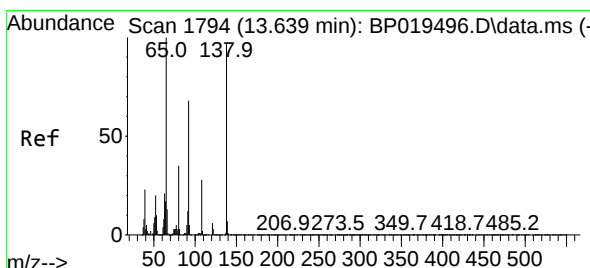
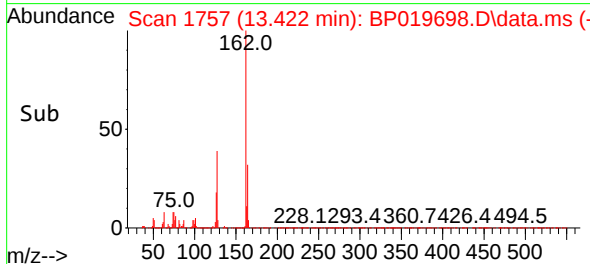
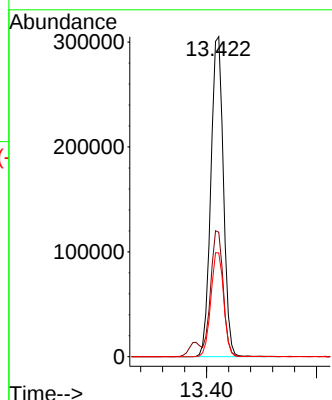
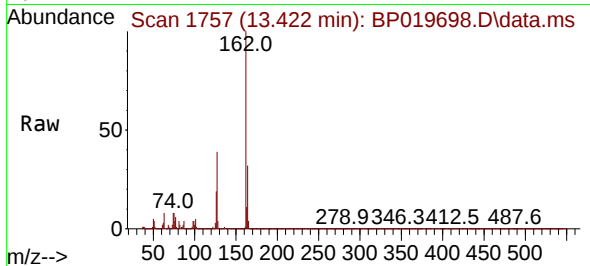
ClientSampleId :

PB158960BS

Tgt Ion:162 Resp: 48436
Ion Ratio Lower Upper
162 100
127 38.9 32.1 48.1
164 32.4 26.7 40.1

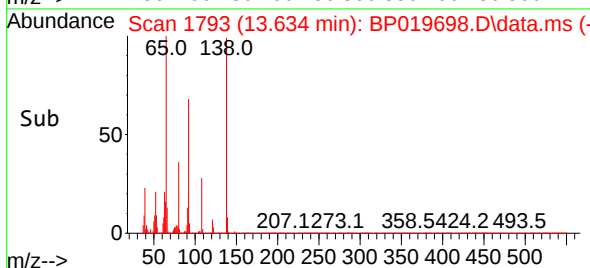
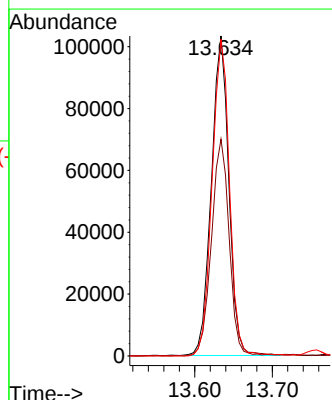
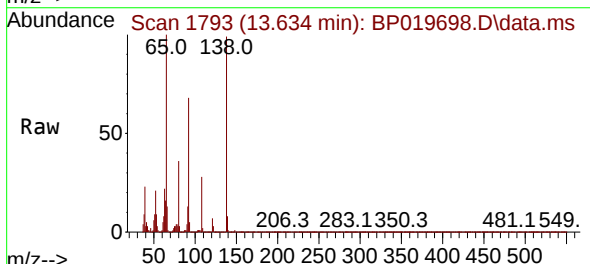
Manual Integrations
APPROVED

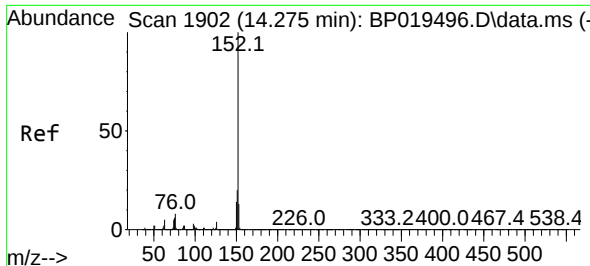
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#48
2-Nitroaniline
Concen: 48.275 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion: 65 Resp: 161834
Ion Ratio Lower Upper
65 100
92 67.8 54.7 82.1
138 98.9 77.8 116.6





#49
Acenaphthylene
Concen: 47.105 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

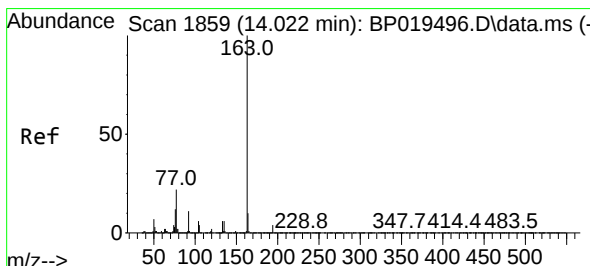
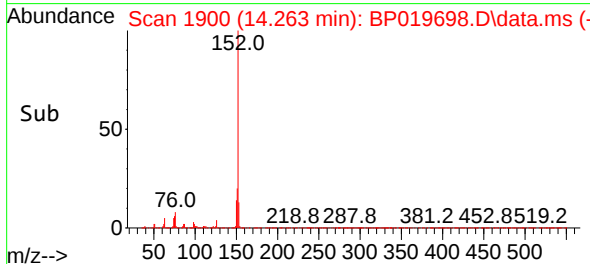
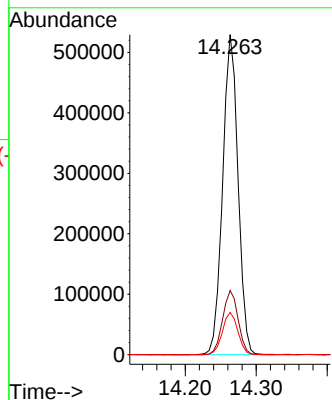
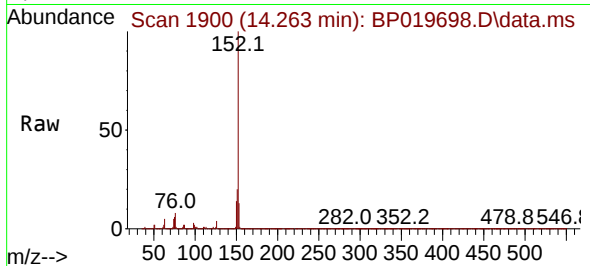
ClientSampleId :

PB158960BS

Tgt Ion:152 Resp: 79229
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.2 10.6 15.8

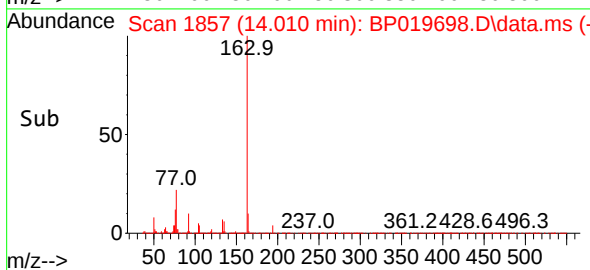
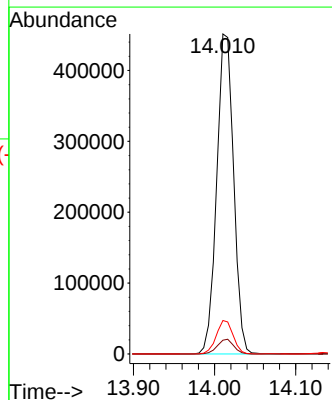
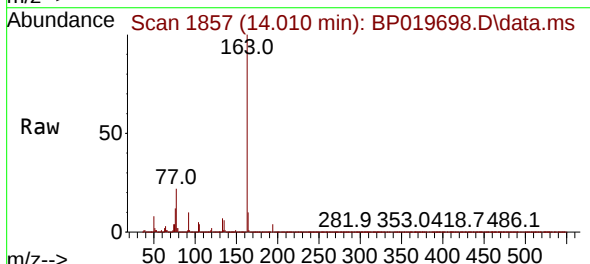
Manual Integrations
APPROVED

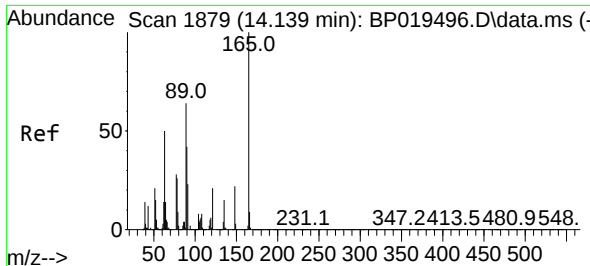
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#50
Dimethylphthalate
Concen: 46.755 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:163 Resp: 654947
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.4 7.8 11.6





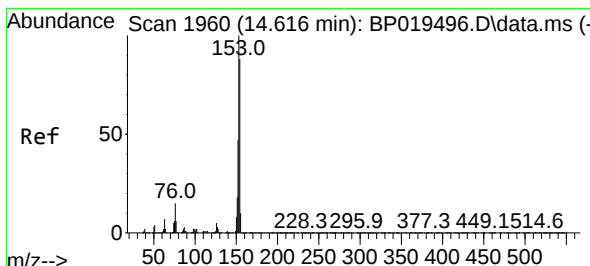
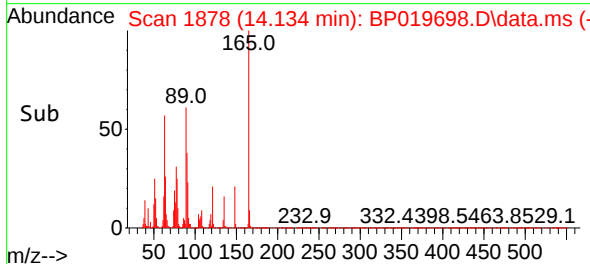
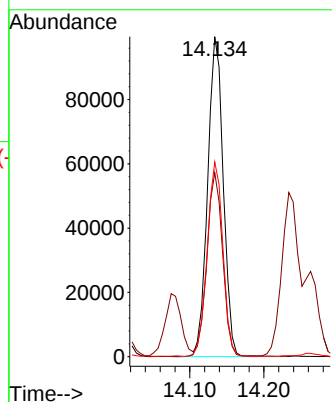
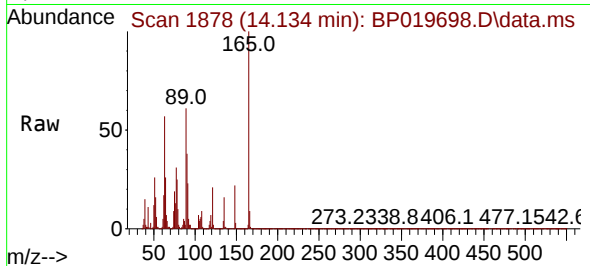
#51
2,6-Dinitrotoluene
Concen: 47.338 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :
BNA_P
ClientSampleId :
PB158960BS

Tgt Ion:165 Resp: 145690
Ion Ratio Lower Upper
165 100
63 57.5 50.4 75.6
89 60.8 51.7 77.5

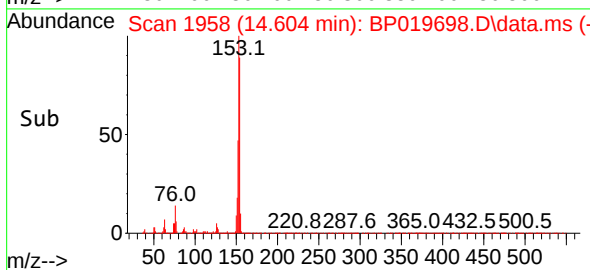
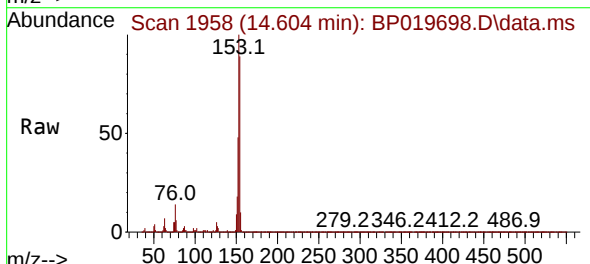
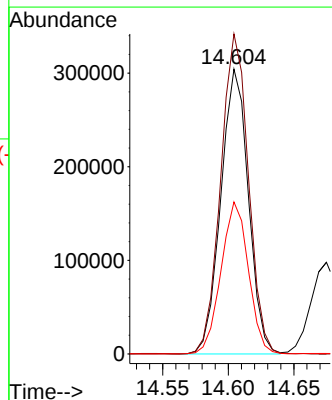
Manual Integrations
APPROVED

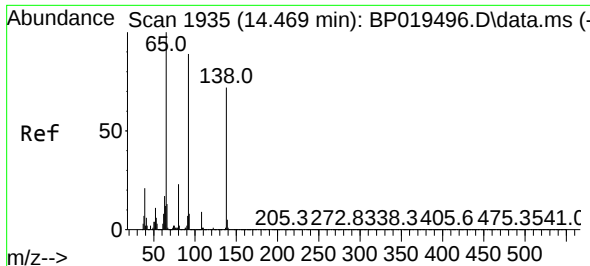
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#52
Acenaphthene
Concen: 42.617 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:154 Resp: 444887
Ion Ratio Lower Upper
154 100
153 112.4 90.5 135.7
152 53.4 42.1 63.1





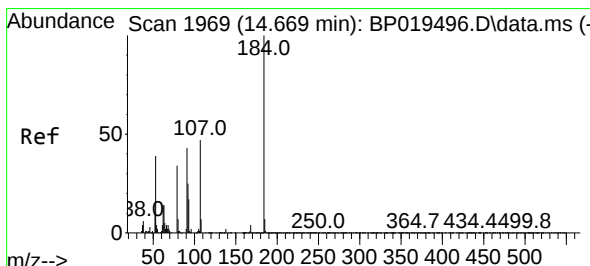
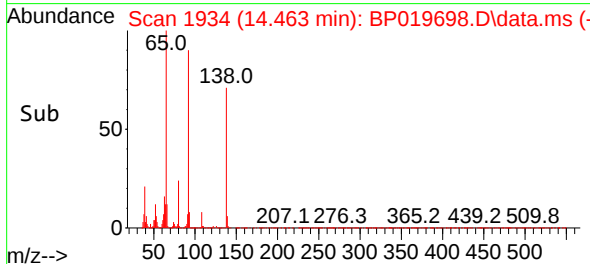
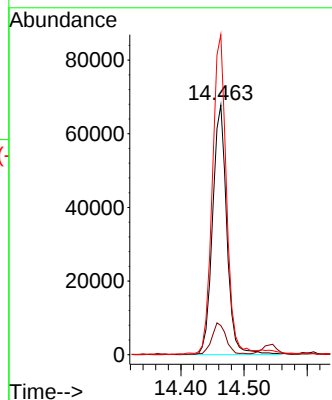
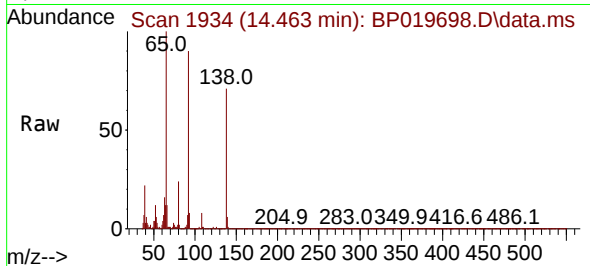
#53
3-Nitroaniline
Concen: 37.409 ng
RT: 14.463 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :
BNA_P
ClientSampleId :
PB158960BS

Tgt Ion:138 Resp: 105800
Ion Ratio Lower Upper
138 100
108 11.7 9.7 14.5
92 128.2 98.0 147.0

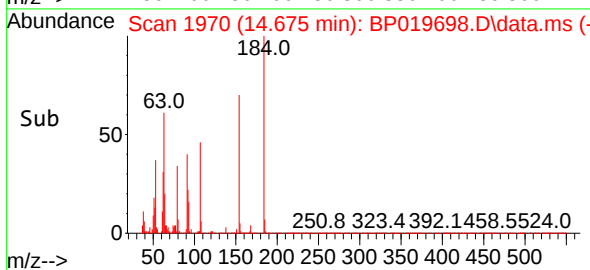
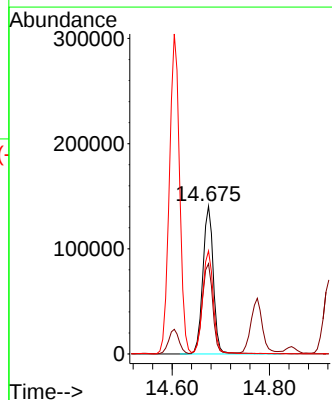
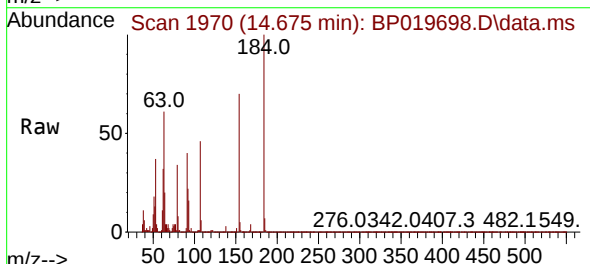
Manual Integrations
APPROVED

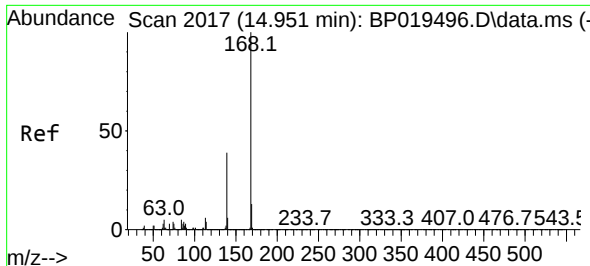
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#54
2,4-Dinitrophenol
Concen: 131.792 ng
RT: 14.675 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

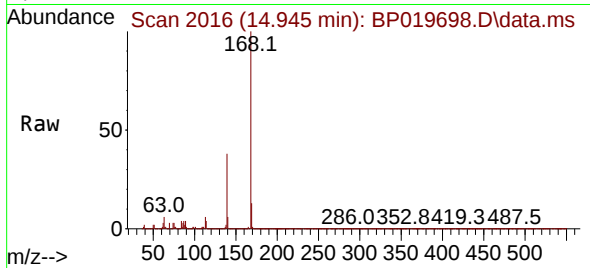
Tgt Ion:184 Resp: 210599
Ion Ratio Lower Upper
184 100
63 61.1 50.5 75.7
154 69.8 53.4 80.0





#55
Dibenzenofuran
Concen: 45.326 ng
RT: 14.945 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

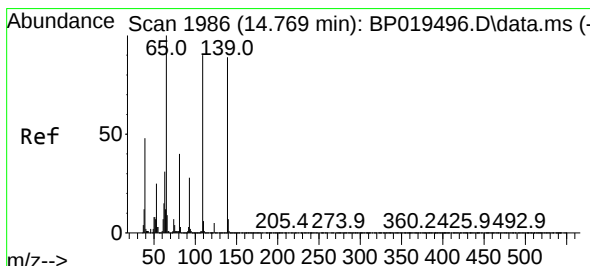
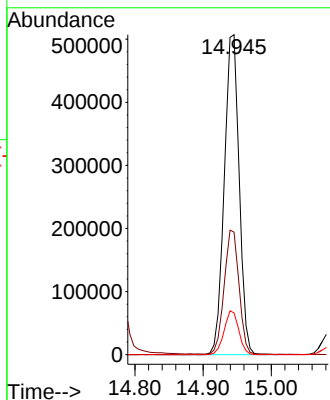
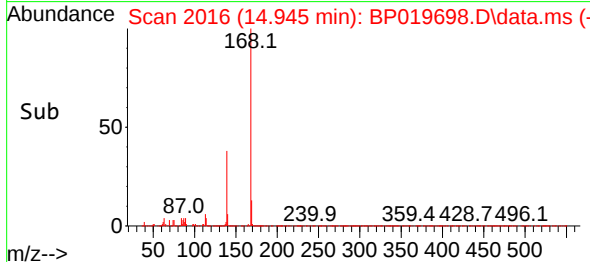
Instrument :
BNA_P
ClientSampleId :
PB158960BS



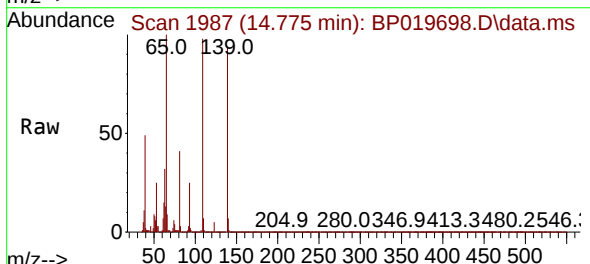
Tgt Ion:168 Resp: 770649
Ion Ratio Lower Upper
168 100
139 38.3 31.5 47.3
169 13.0 10.3 15.5

Manual Integrations
APPROVED

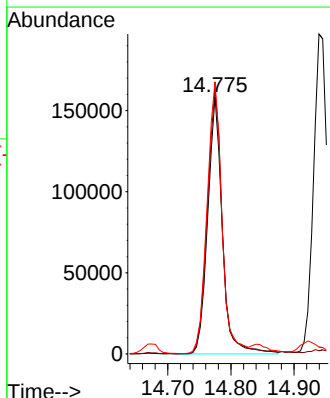
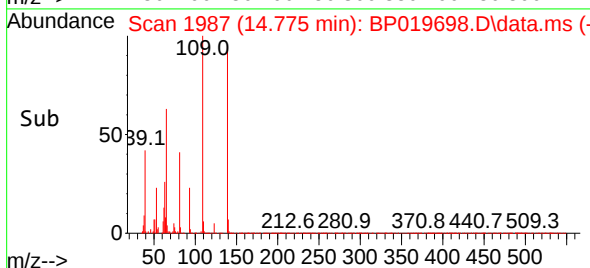
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

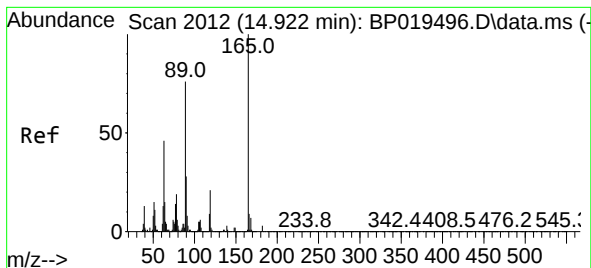


#56
4-Nitrophenol
Concen: 109.992 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08



Tgt Ion:139 Resp: 254989
Ion Ratio Lower Upper
139 100
109 103.3 82.0 122.0
65 105.9 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 52.736 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

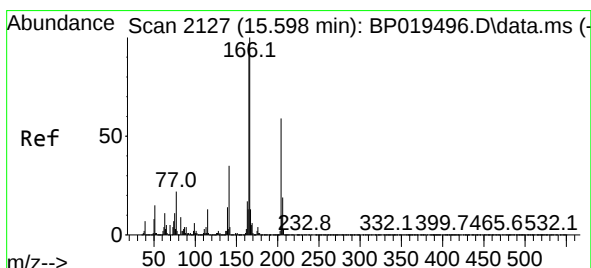
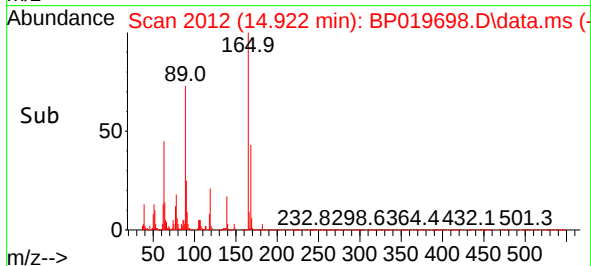
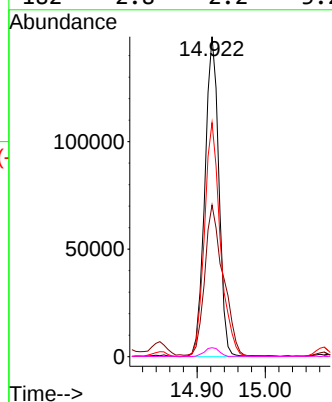
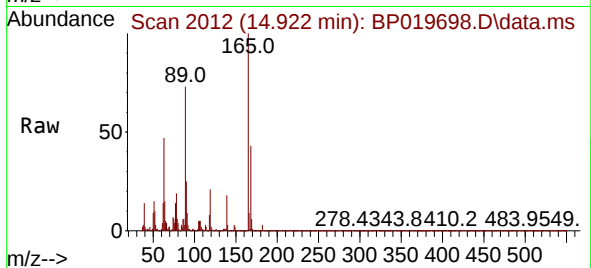
ClientSampleId :

PB158960BS

Tgt Ion:165 Resp: 212692
Ion Ratio Lower Upper
165 100
63 47.4 36.9 55.3
89 73.1 61.1 91.7
182 2.8 2.2 3.2

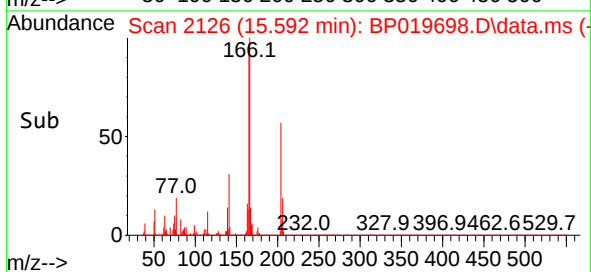
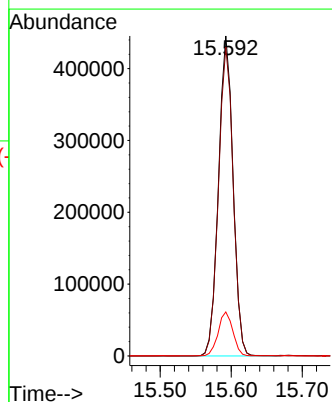
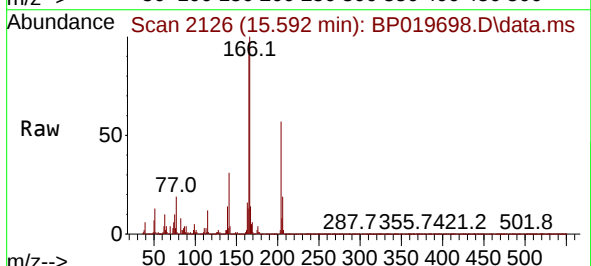
Manual Integrations
APPROVED

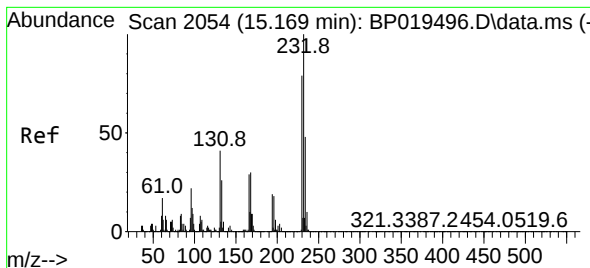
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#58
Fluorene
Concen: 46.673 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

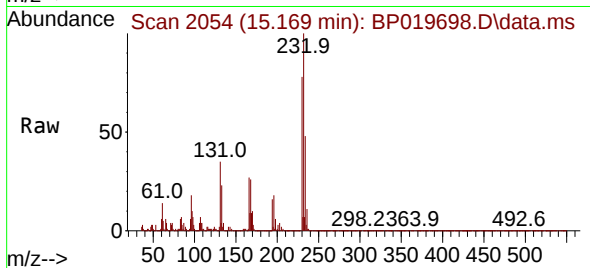
Tgt Ion:166 Resp: 632055
Ion Ratio Lower Upper
166 100
165 96.5 77.8 116.8
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.529 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

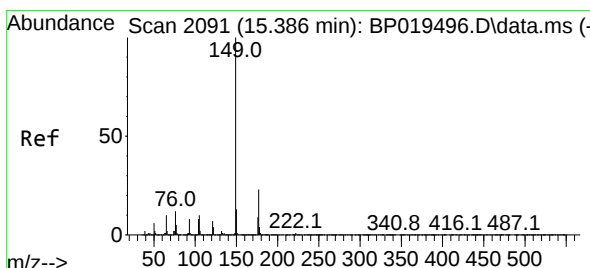
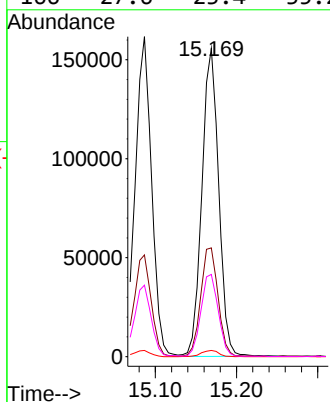
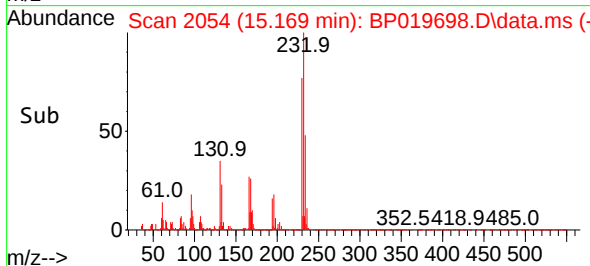
Instrument :
BNA_P
ClientSampleId :
PB158960BS



Tgt Ion:232 Resp: 22311
Ion Ratio Lower Upper
232 100
131 36.5 32.4 48.6
130 2.1 1.9 2.9
166 27.6 23.4 35.2

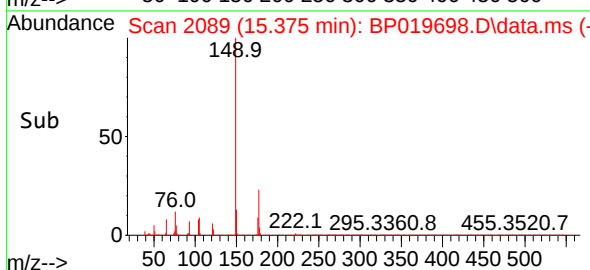
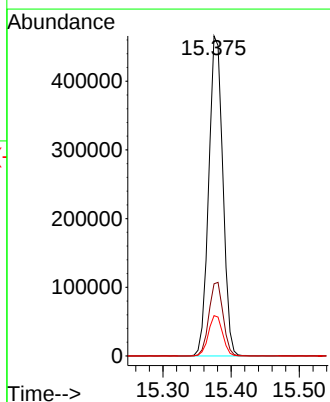
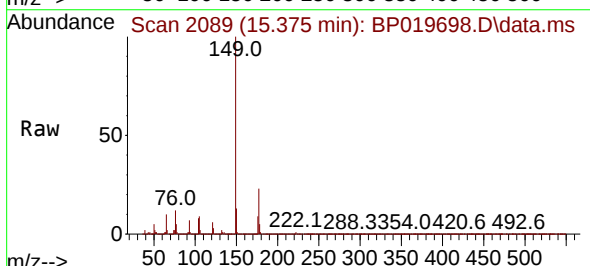
Manual Integrations
APPROVED

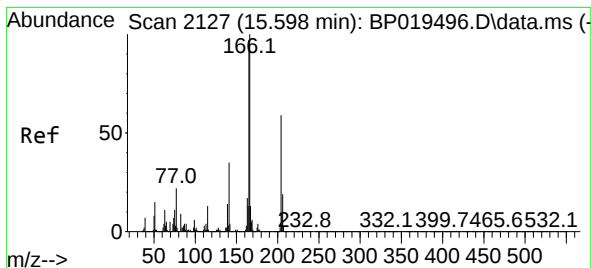
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#60
Diethylphthalate
Concen: 48.027 ng
RT: 15.375 min Scan# 2089
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

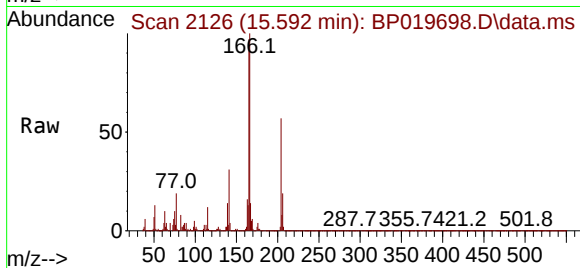
Tgt Ion:149 Resp: 669173
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.2
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.376 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

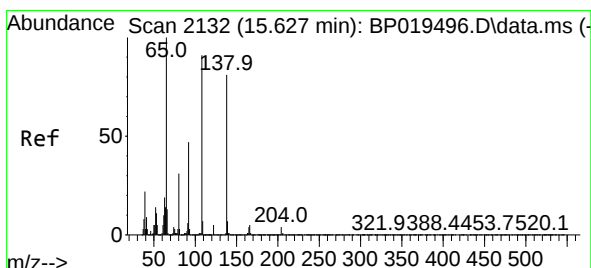
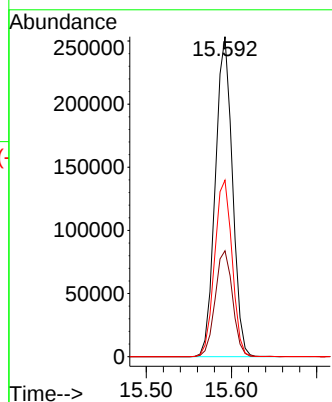
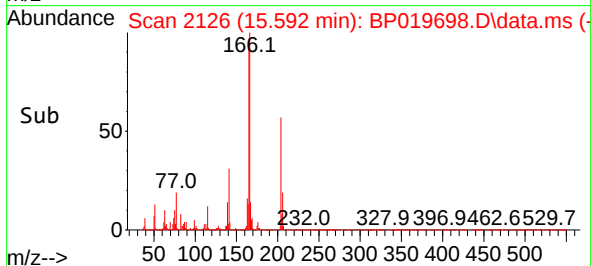
Instrument :
BNA_P
ClientSampleId :
PB158960BS



Tgt Ion:204 Resp: 35298
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 55.2 48.5 72.7

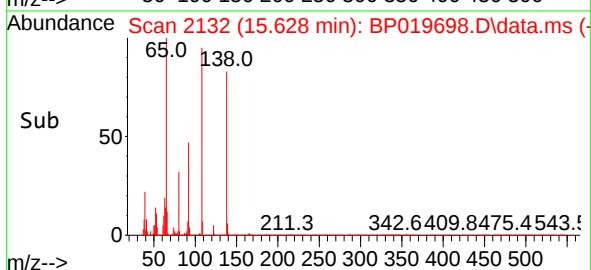
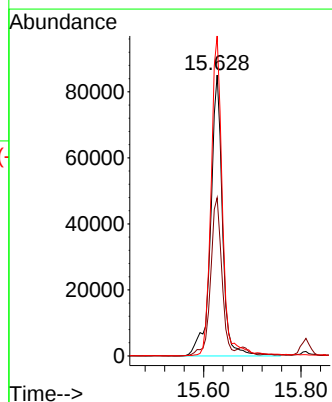
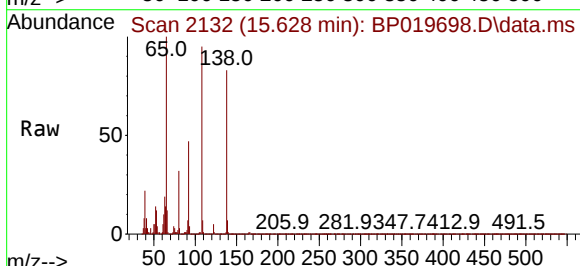
Manual Integrations
APPROVED

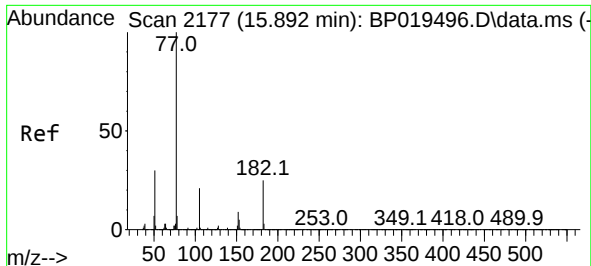
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#62
4-Nitroaniline
Concen: 48.299 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:138 Resp: 143190
Ion Ratio Lower Upper
138 100
92 56.3 38.3 78.3
108 113.9 91.2 131.2





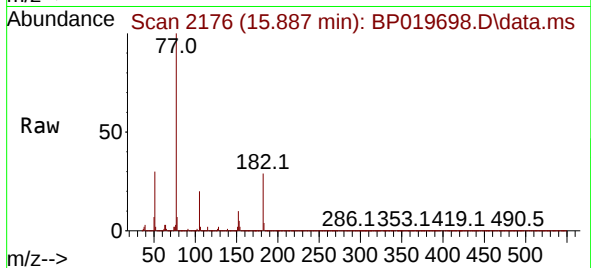
#63
Azobenzene
Concen: 44.536 ng
RT: 15.887 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB158960BS



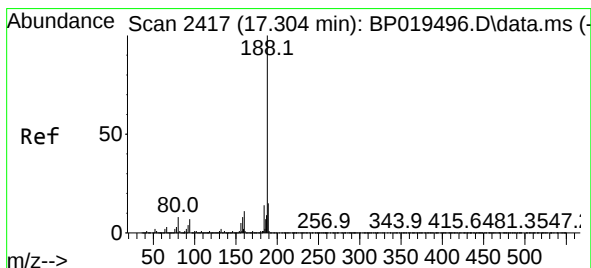
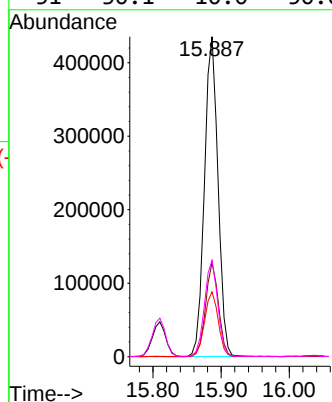
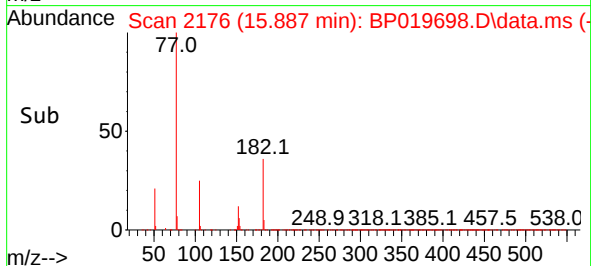
Tgt Ion: 77 Resp: 60006
Ion Ratio Lower Upper
77 100
182 29.4 5.1 45.1
105 20.3 0.8 40.8
51 30.1 10.0 50.0

Manual Integrations

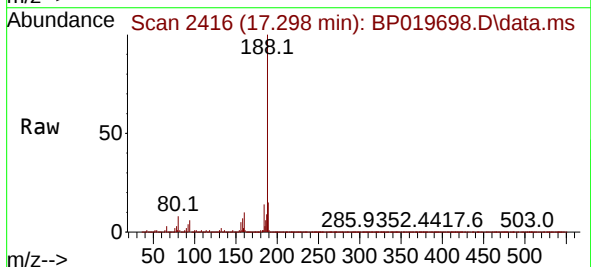
APPROVED

Reviewed By :Yogesh Patel 02/15/2024

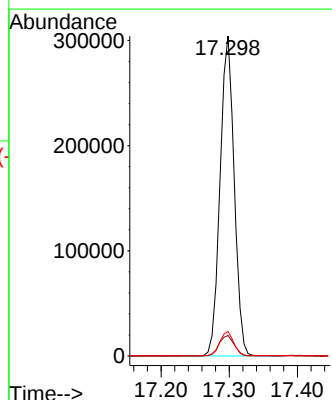
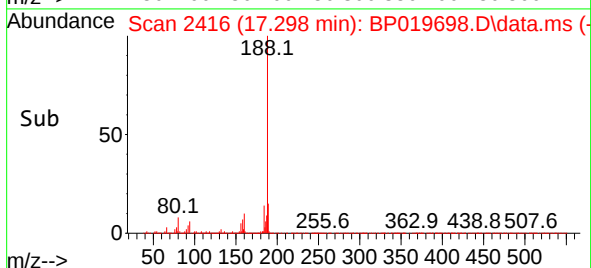
Supervised By :mohammad ahmed 02/15/2024

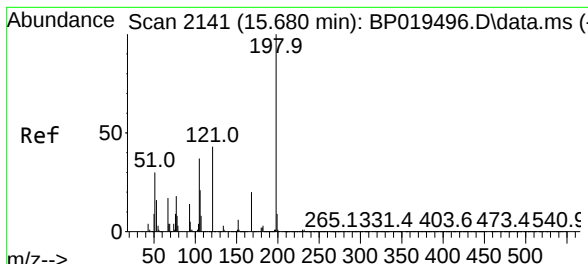


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08



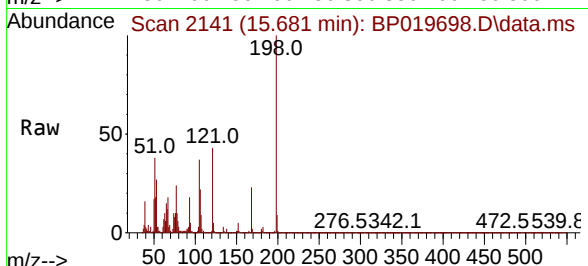
Tgt Ion:188 Resp: 438441
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.2
80 7.7 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 55.651 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

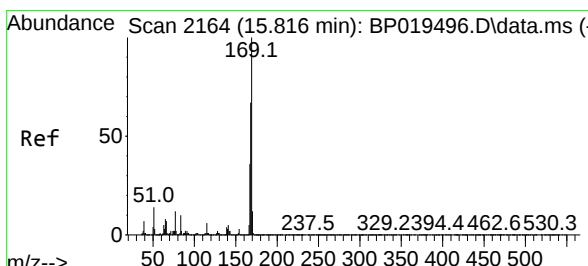
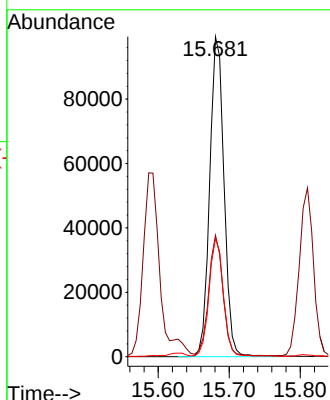
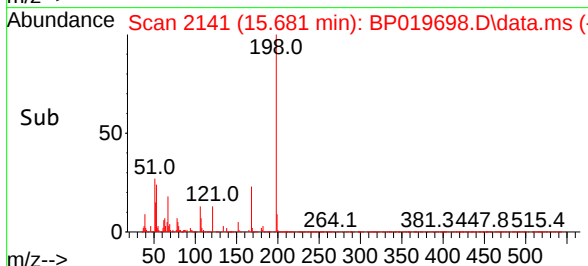
Instrument :
BNA_P
ClientSampleId :
PB158960BS



Tgt Ion:198 Resp: 139129
Ion Ratio Lower Upper
198 100
51 38.0 21.2 61.2
105 36.9 19.1 59.1

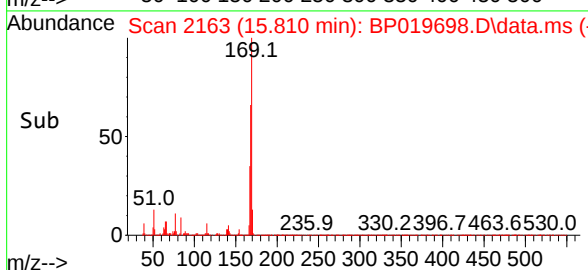
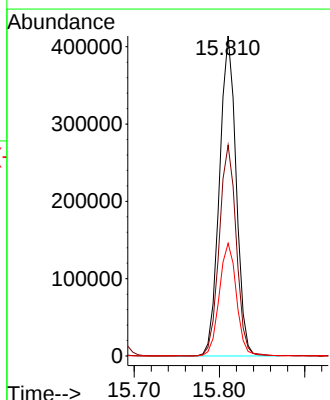
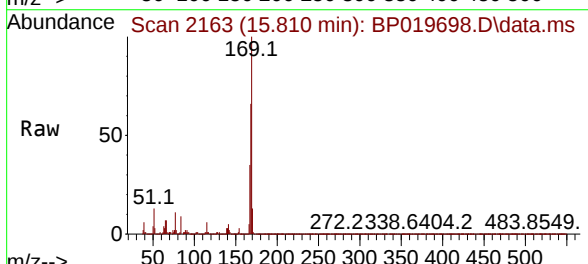
Manual Integrations
APPROVED

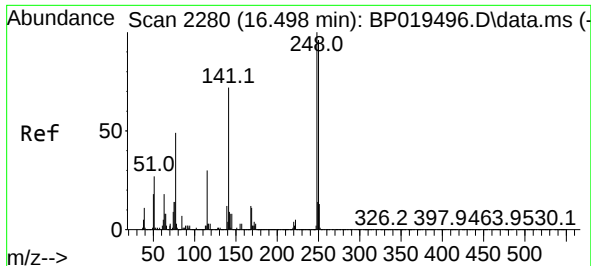
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#66
n-Nitrosodiphenylamine
Concen: 42.937 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:169 Resp: 563799
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.2
167 35.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 44.306 ng
RT: 16.486 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

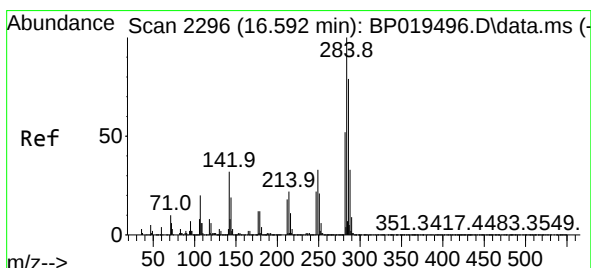
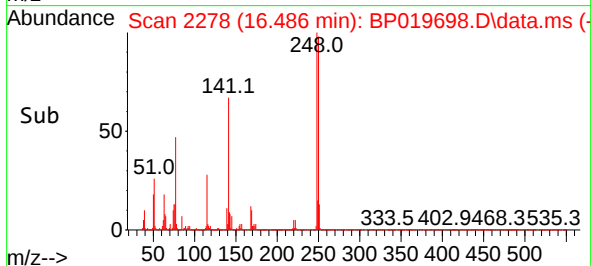
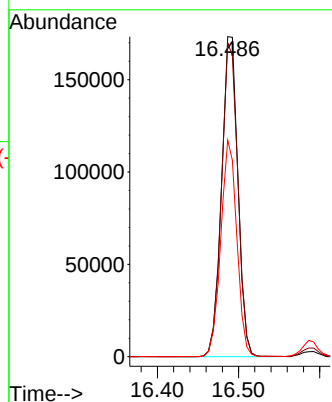
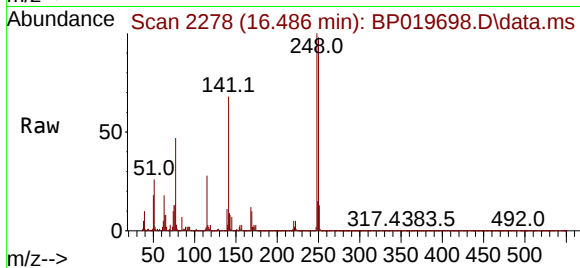
ClientSampleId :

PB158960BS

Tgt Ion:248 Resp: 24284
Ion Ratio Lower Upper
248 100
250 98.1 76.9 115.3
141 67.6 58.0 87.0

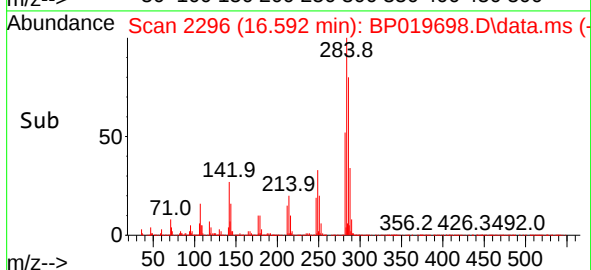
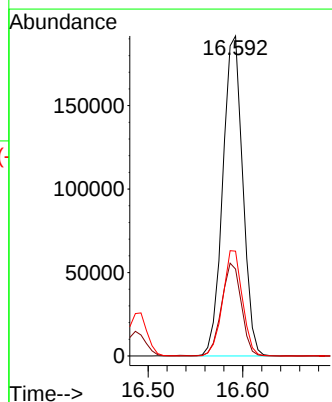
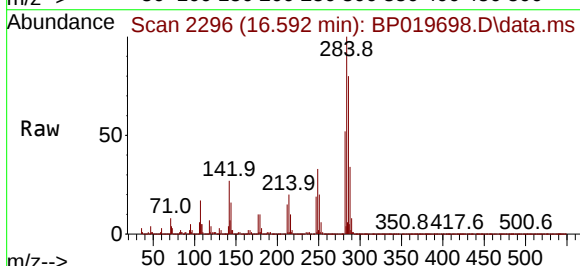
Manual Integrations
APPROVED

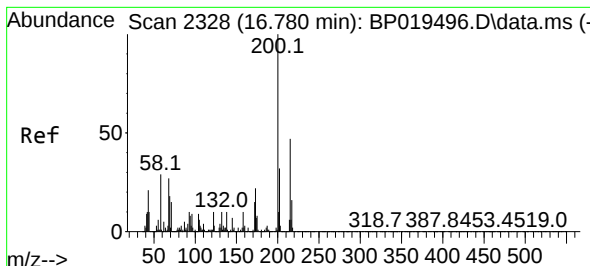
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#68
Hexachlorobenzene
Concen: 43.882 ng
RT: 16.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:284 Resp: 280874
Ion Ratio Lower Upper
284 100
142 27.1 25.4 38.2
249 32.8 26.5 39.7





#69

Atrazine

Concen: 54.125 ng

RT: 16.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019698.D

Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB158960BS

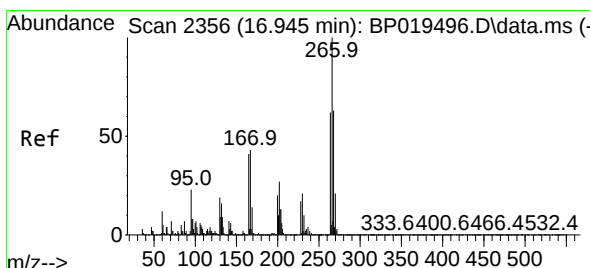
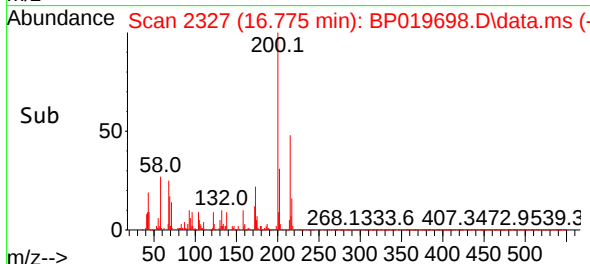
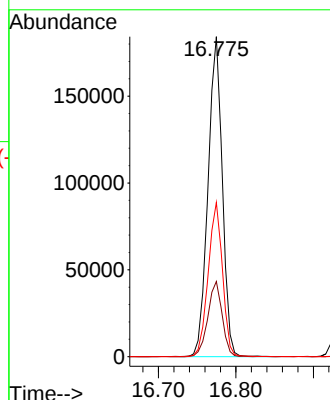
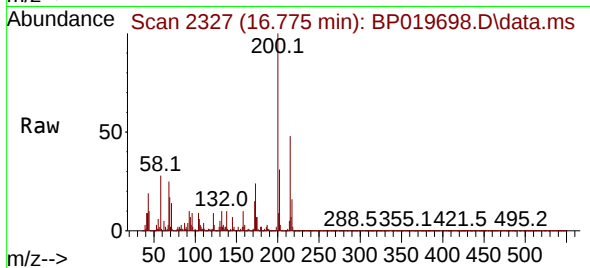
Tgt Ion:200	Resp: 23583
Ion Ratio	Lower Upper
200 100	
173 23.5	1.7 41.7
215 48.2	26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#70

Pentachlorophenol

Concen: 103.600 ng

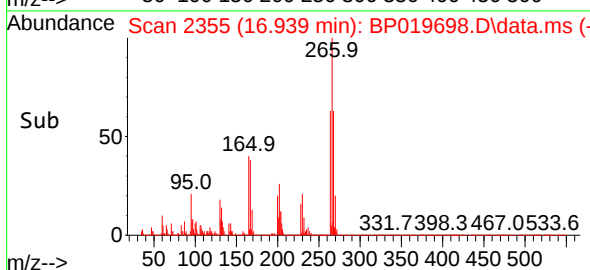
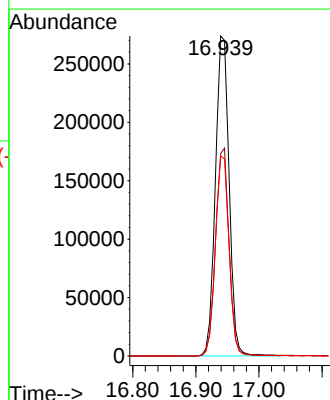
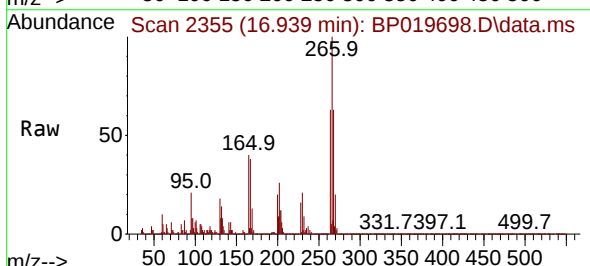
RT: 16.939 min Scan# 2355

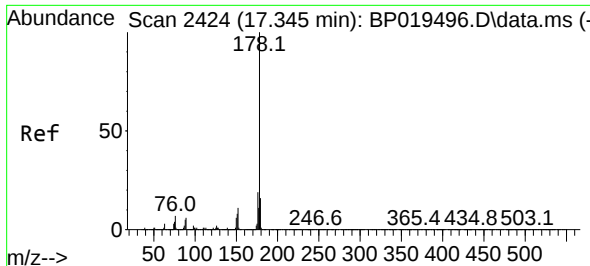
Delta R.T. -0.006 min

Lab File: BP019698.D

Acq: 14 Feb 2024 13:08

Tgt Ion:266	Resp: 412945
Ion Ratio	Lower Upper
266 100	
268 63.2	50.3 75.5
264 62.5	49.7 74.5





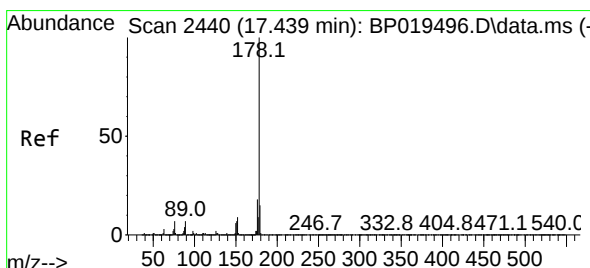
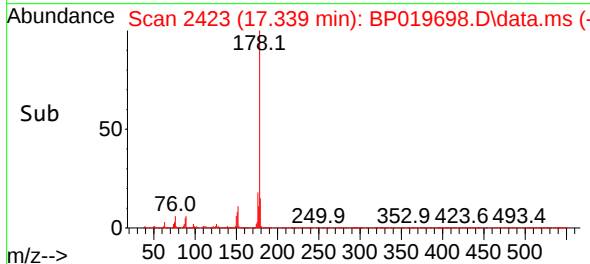
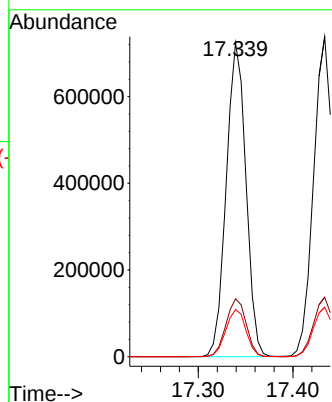
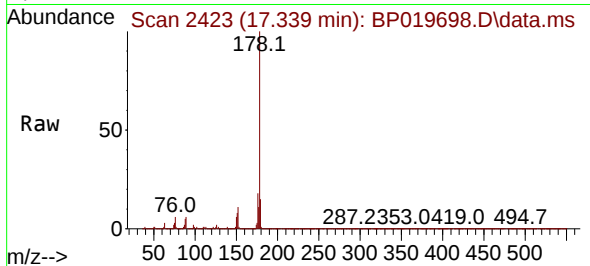
#71
Phenanthrene
Concen: 45.367 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :
BNA_P
ClientSampleId :
PB158960BS

Tgt Ion:178 Resp: 104678
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 15.0 12.6 19.0

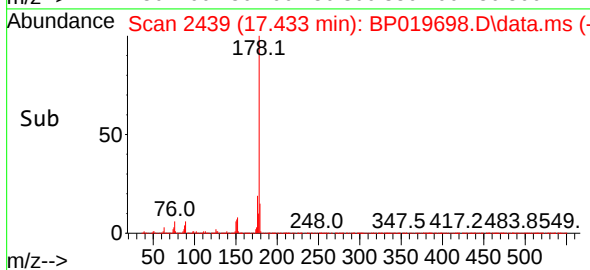
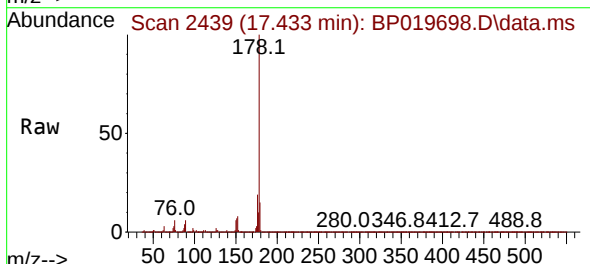
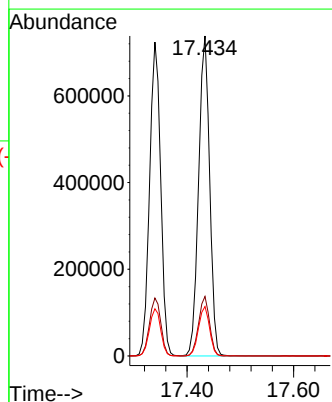
Manual Integrations
APPROVED

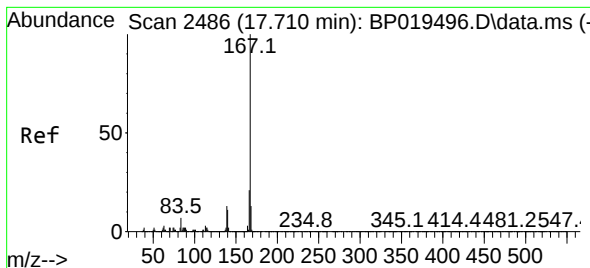
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#72
Anthracene
Concen: 46.195 ng
RT: 17.433 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:178 Resp: 1063284
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.4 12.2 18.2





#73

Carbazole

Concen: 45.982 ng

RT: 17.710 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP019698.D

Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB158960BS

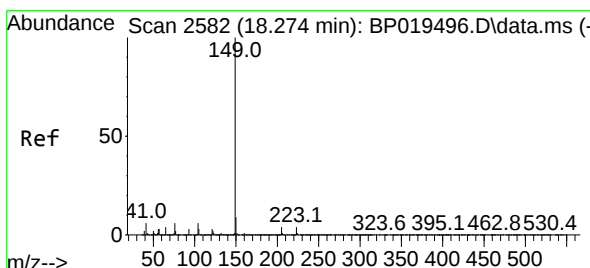
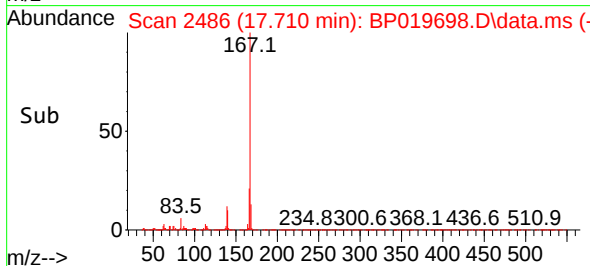
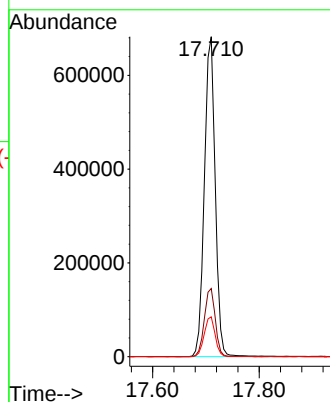
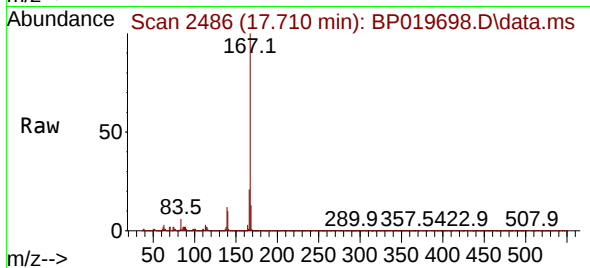
Tgt Ion:167	Resp: 96149
Ion Ratio	Lower Upper
167 100	
166 21.3	17.2 25.8
139 12.5	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#74

Di-n-butylphthalate

Concen: 45.904 ng

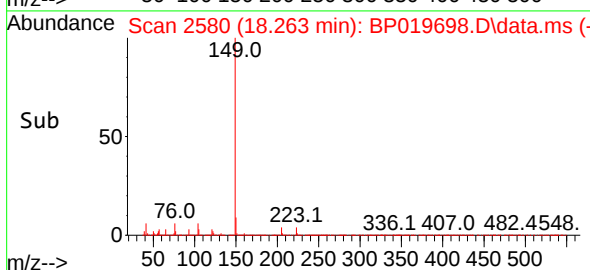
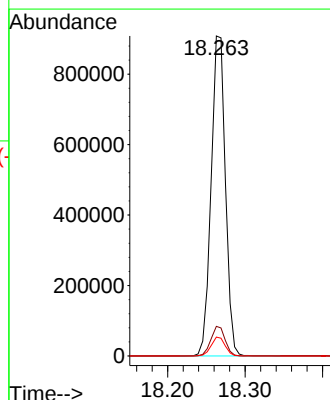
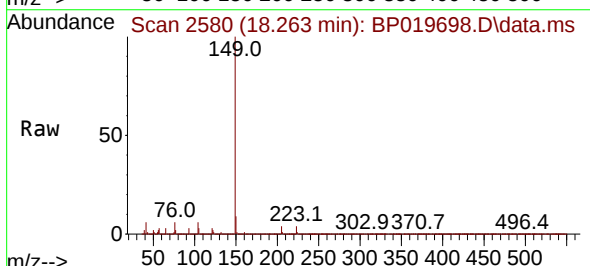
RT: 18.263 min Scan# 2580

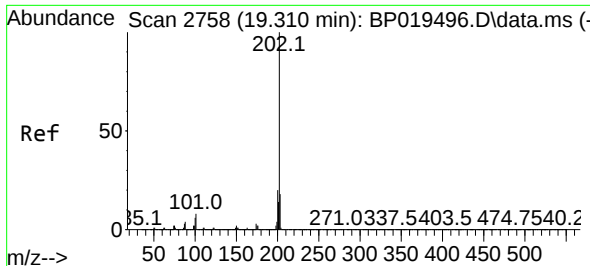
Delta R.T. -0.011 min

Lab File: BP019698.D

Acq: 14 Feb 2024 13:08

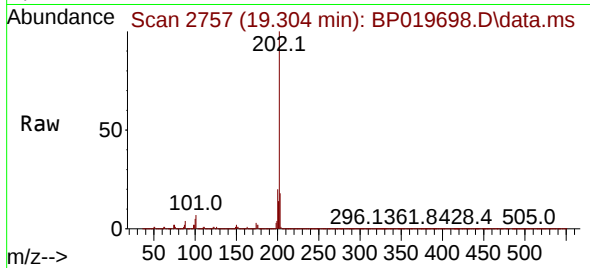
Tgt Ion:149	Resp: 1160571
Ion Ratio	Lower Upper
149 100	
150 9.3	7.3 10.9
104 5.9	4.8 7.2





#75
Fluoranthene
Concen: 47.239 ng
RT: 19.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

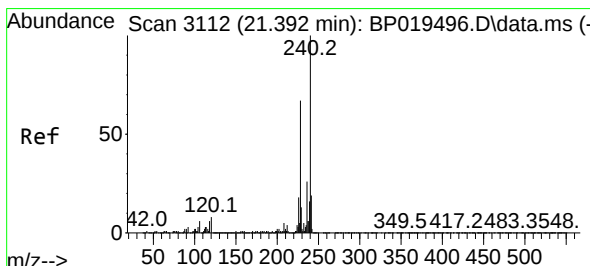
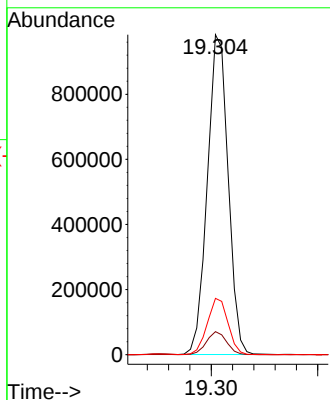
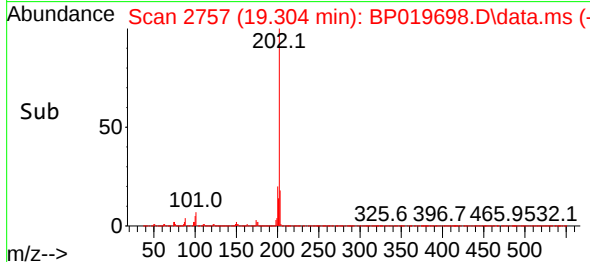
Instrument :
BNA_P
ClientSampleId :
PB158960BS



Tgt Ion:202 Resp: 1331510
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.7
203 17.6 0.0 37.5

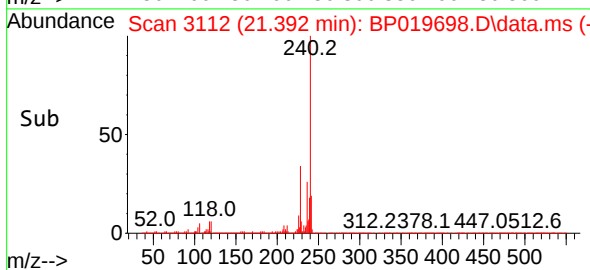
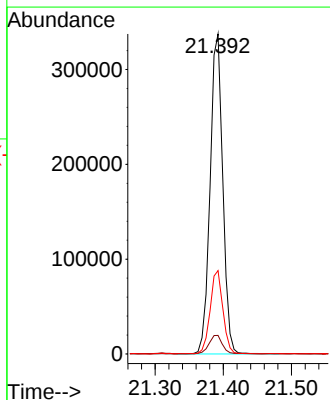
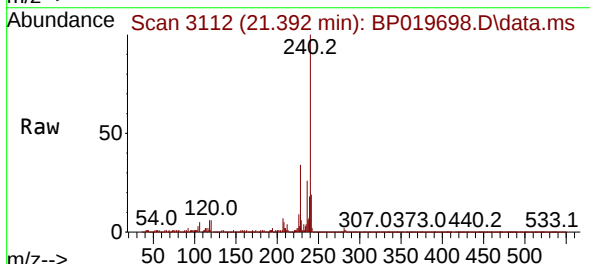
Manual Integrations
APPROVED

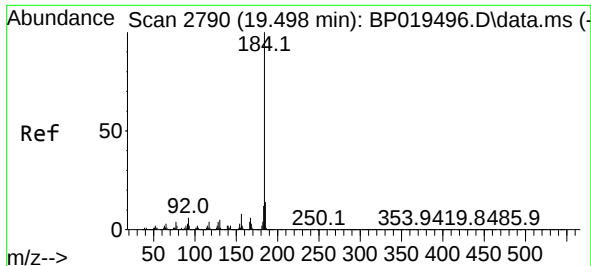
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:240 Resp: 435425
Ion Ratio Lower Upper
240 100
120 5.8 6.1 9.1#
236 26.0 20.7 31.1





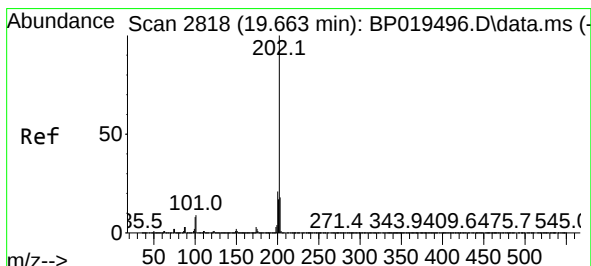
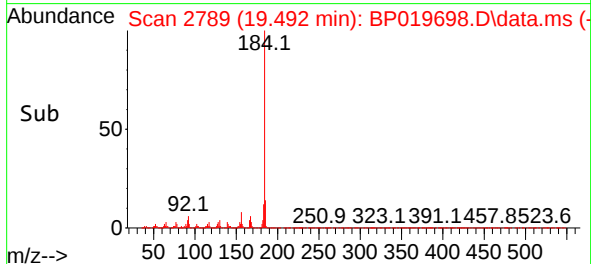
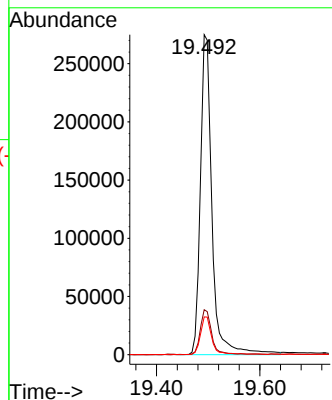
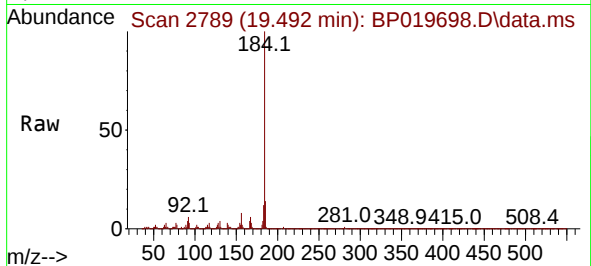
#77
Benzidine
Concen: 46.984 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :
BNA_P
ClientSampleId :
PB158960BS

Tgt Ion:184 Resp: 42771
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 11.8 9.7 14.5

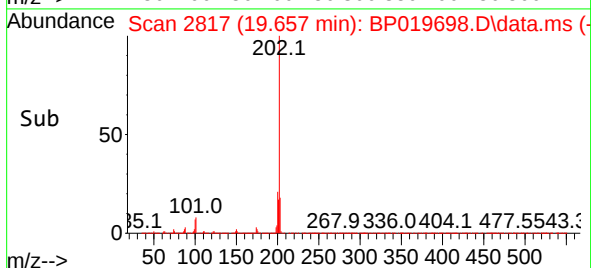
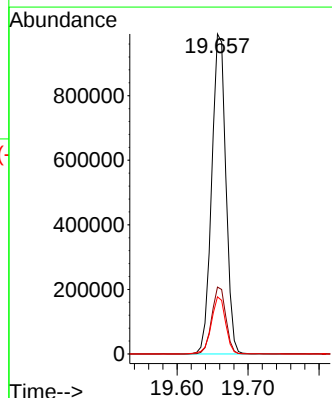
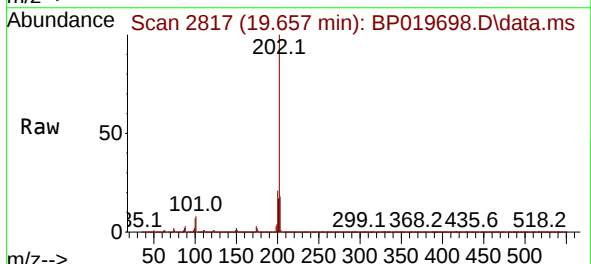
Manual Integrations
APPROVED

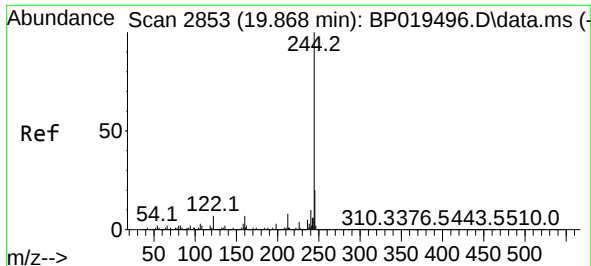
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#78
Pyrene
Concen: 44.630 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:202 Resp: 1371488
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.8 14.2 21.2





#79
 Terphenyl-d14
 Concen: 90.350 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019698.D
 Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

ClientSampleId :

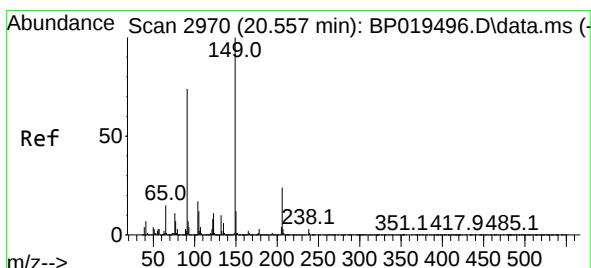
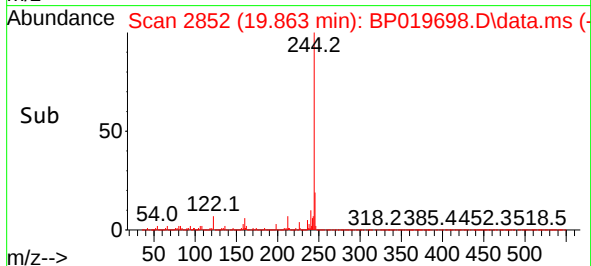
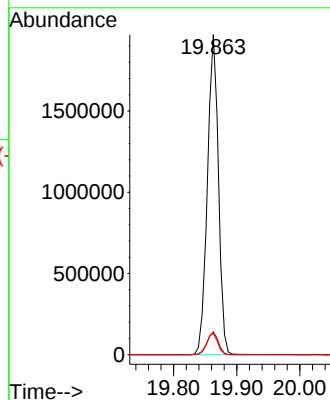
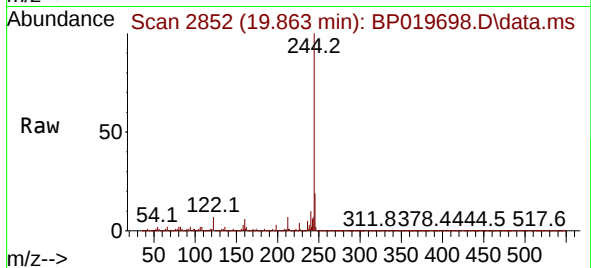
PB158960BS

Tgt Ion:244 Resp: 239219
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.6 5.9 8.9

Manual Integrations

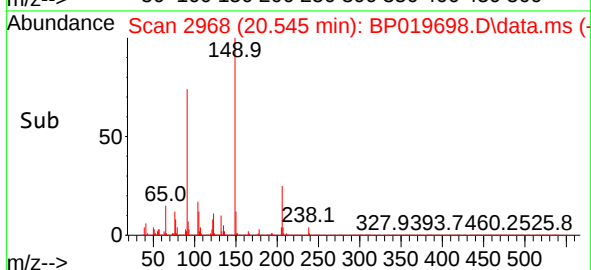
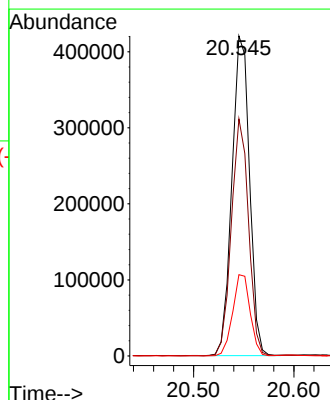
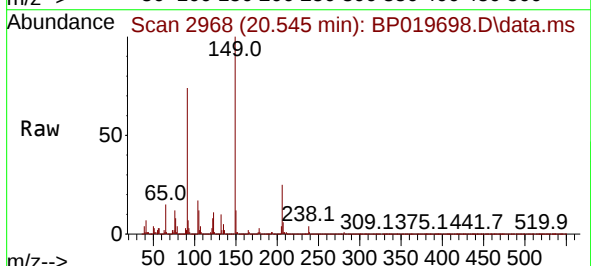
APPROVED

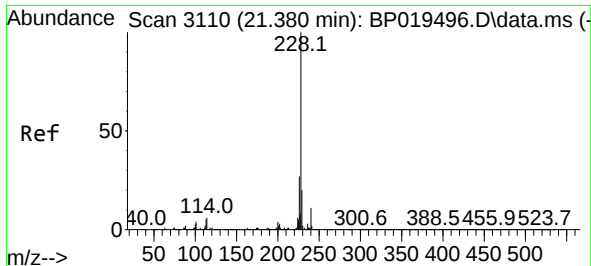
Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024



#80
 Butylbenzylphthalate
 Concen: 44.752 ng
 RT: 20.545 min Scan# 2968
 Delta R.T. -0.011 min
 Lab File: BP019698.D
 Acq: 14 Feb 2024 13:08

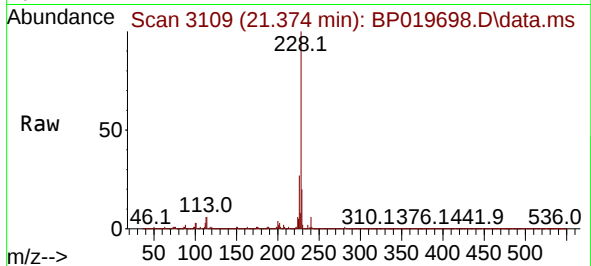
Tgt Ion:149 Resp: 513580
 Ion Ratio Lower Upper
 149 100
 91 74.1 59.4 89.0
 206 25.4 19.0 28.6





#81
Benzo(a)anthracene
Concen: 45.714 ng
RT: 21.374 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

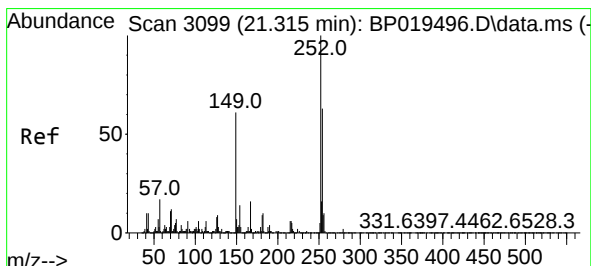
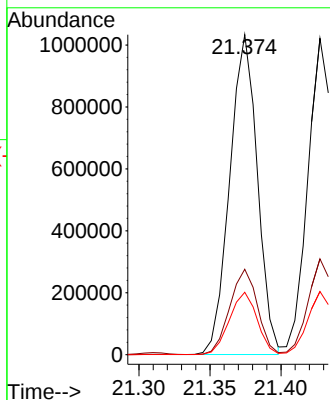
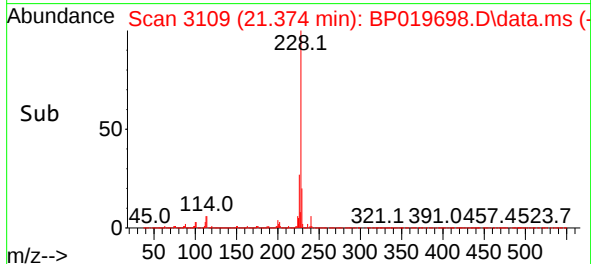
Instrument :
BNA_P
ClientSampleId :
PB158960BS



Tgt Ion:228 Resp: 140116
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.5 15.6 23.4

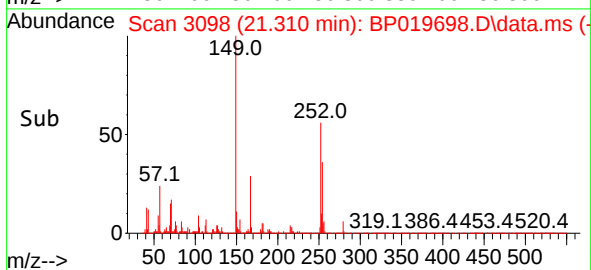
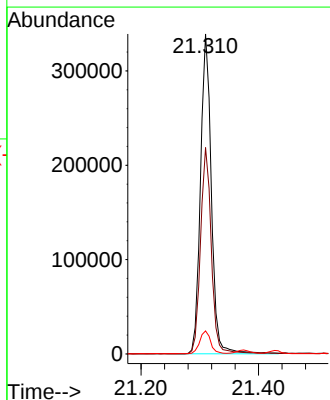
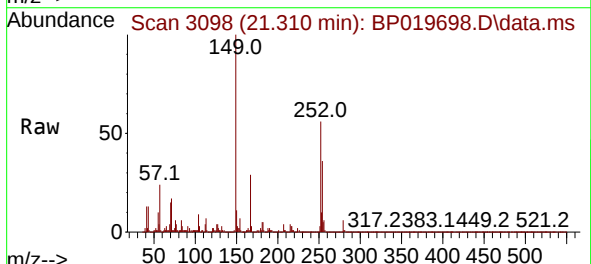
Manual Integrations
APPROVED

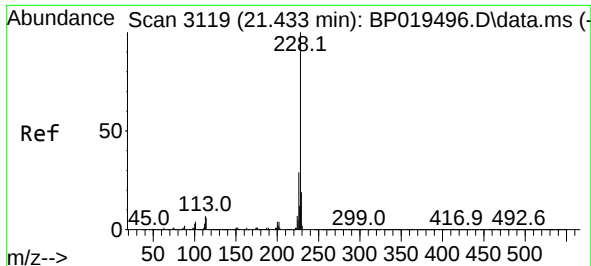
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#82
3,3'-Dichlorobenzidine
Concen: 38.853 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

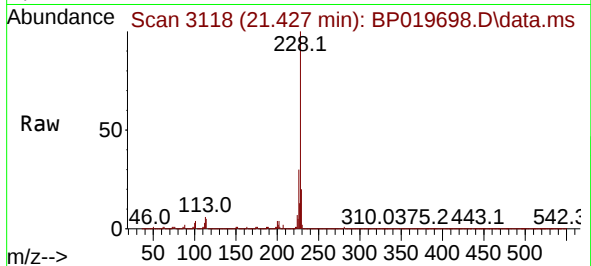
Tgt Ion:252 Resp: 433948
Ion Ratio Lower Upper
252 100
254 64.5 50.7 76.1
126 7.2 6.4 9.6





#83
Chrysene
Concen: 44.673 ng
RT: 21.427 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

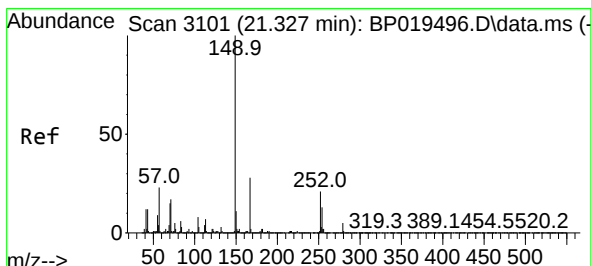
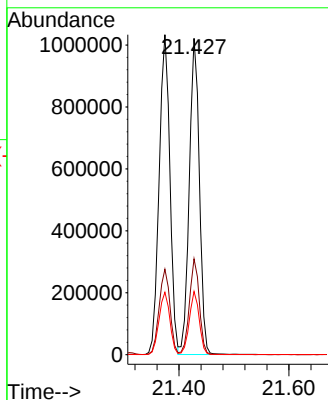
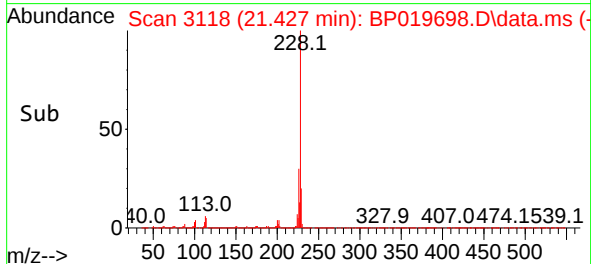
Instrument :
BNA_P
ClientSampleId :
PB158960BS



Tgt Ion:228 Resp: 1299999
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.2
229 20.0 15.6 23.4

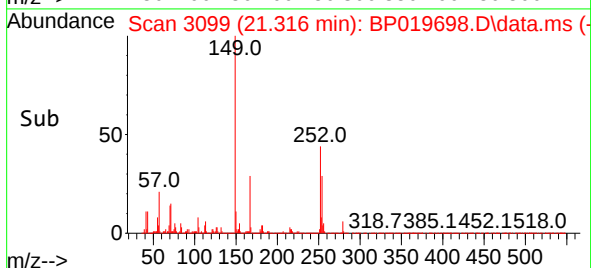
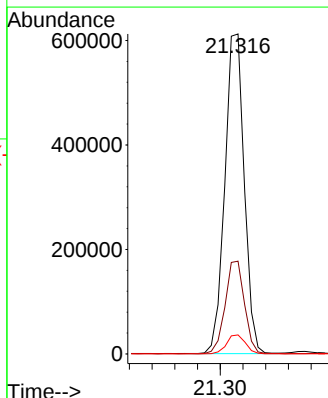
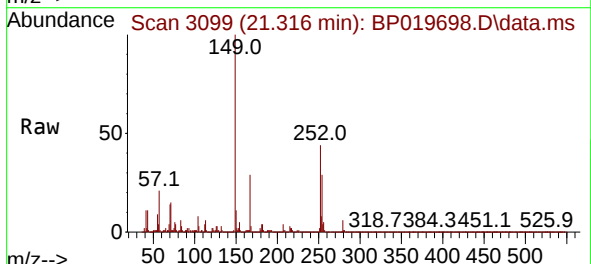
Manual Integrations
APPROVED

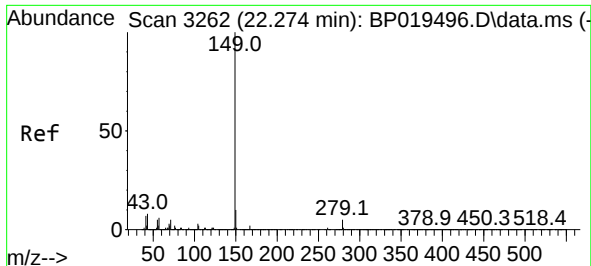
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.539 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

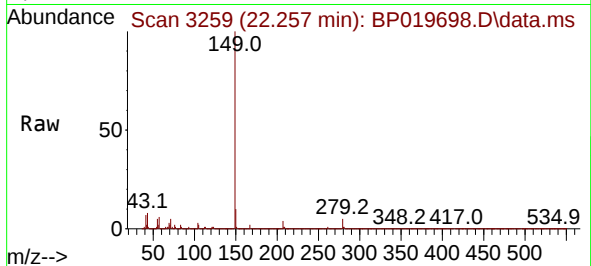
Tgt Ion:149 Resp: 725907
Ion Ratio Lower Upper
149 100
167 29.0 22.7 34.1
279 6.0 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 40.638 ng
RT: 22.257 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

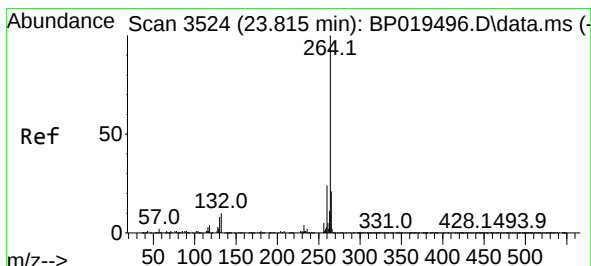
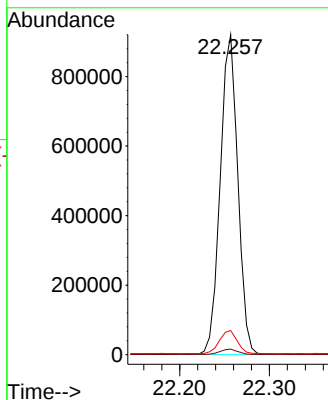
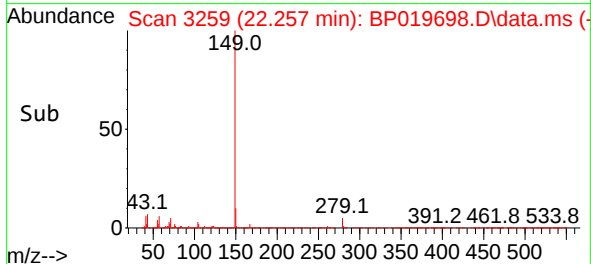
Instrument :
BNA_P
ClientSampleId :
PB158960BS



Tgt Ion:149 Resp: 1249478
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.4 6.3 9.5

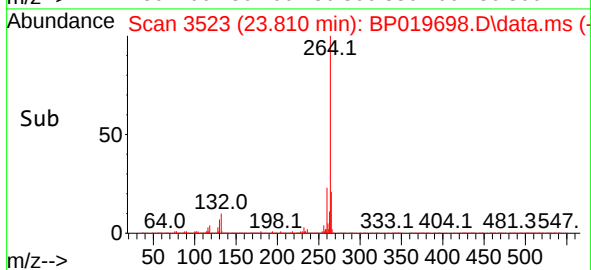
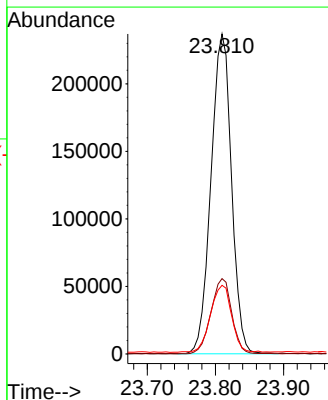
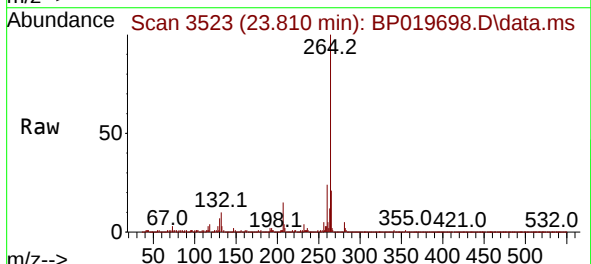
Manual Integrations
APPROVED

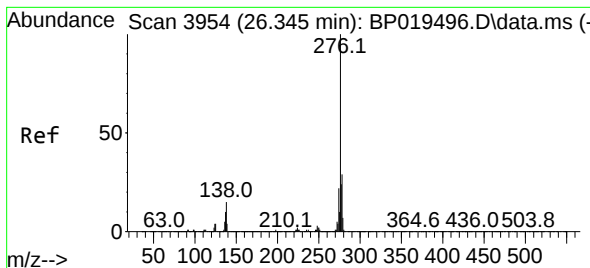
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.810 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Tgt Ion:264 Resp: 495524
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.252 ng

RT: 26.339 min Scan# 3954

Delta R.T. -0.006 min

Lab File: BP019698.D

Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB158960BS

Tgt Ion:276 Resp: 1678490

Ion Ratio Lower Upper

276 100

138 14.2 13.1 19.7

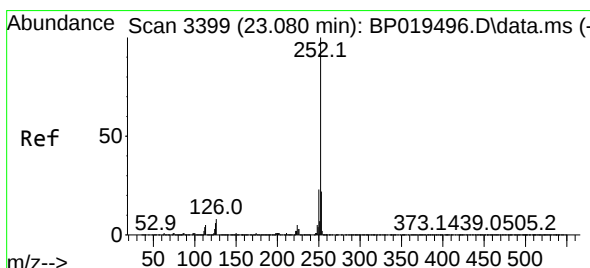
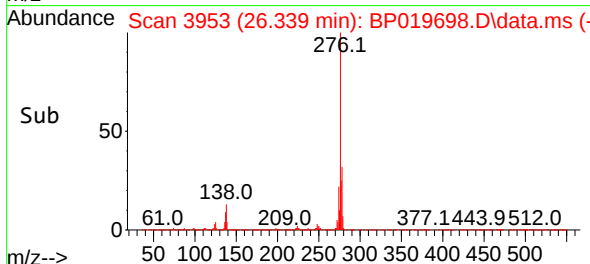
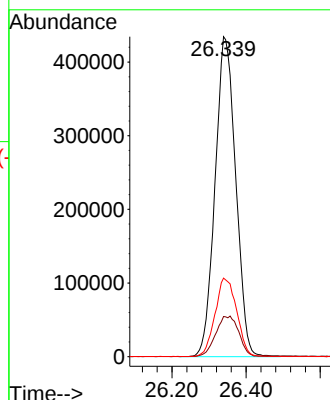
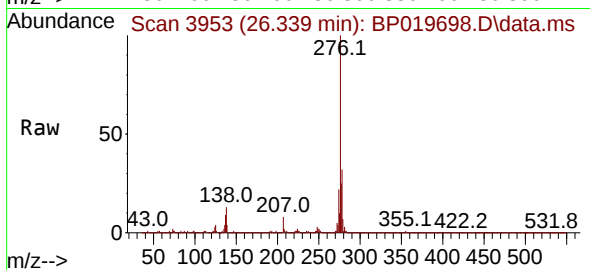
277 25.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#88

Benzo(b)fluoranthene

Concen: 45.218 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019698.D

Acq: 14 Feb 2024 13:08

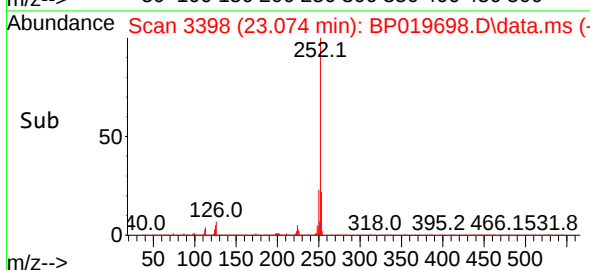
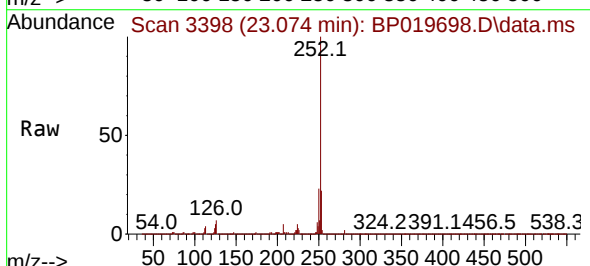
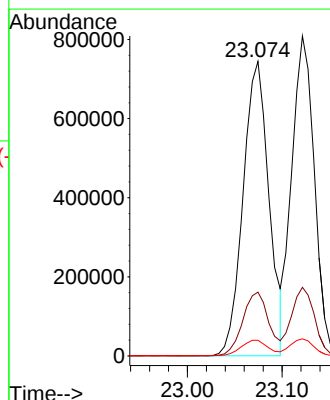
Tgt Ion:252 Resp: 1412176

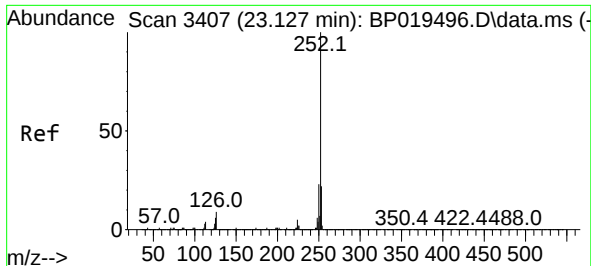
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 5.3 4.9 7.3





#89
Benzo(k)fluoranthene
Concen: 44.999 ng
RT: 23.121 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

Instrument :

BNA_P

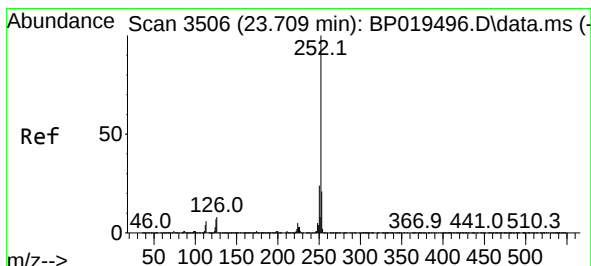
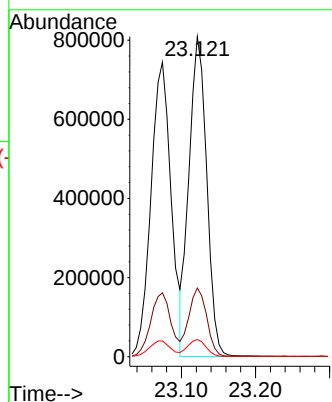
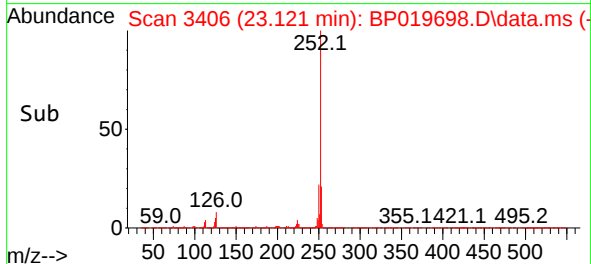
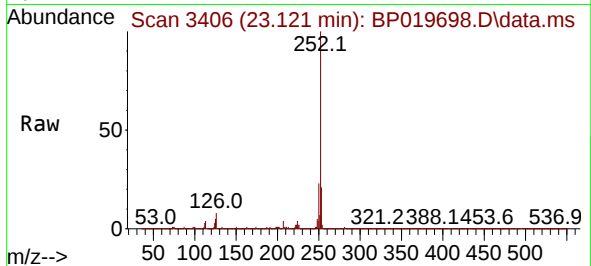
ClientSampleId :

PB158960BS

Tgt Ion:252 Resp: 134244
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 5.4 5.0 7.6

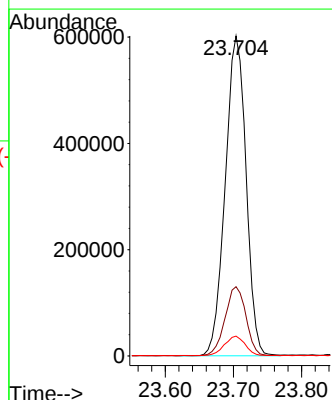
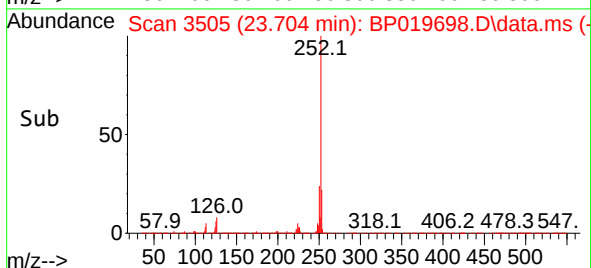
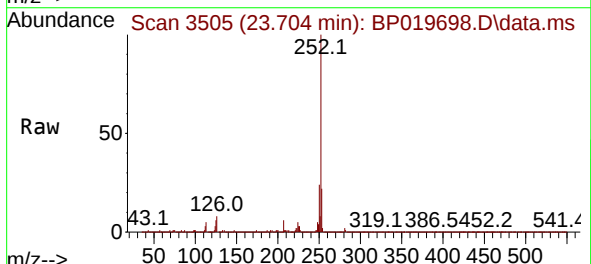
Manual Integrations
APPROVED

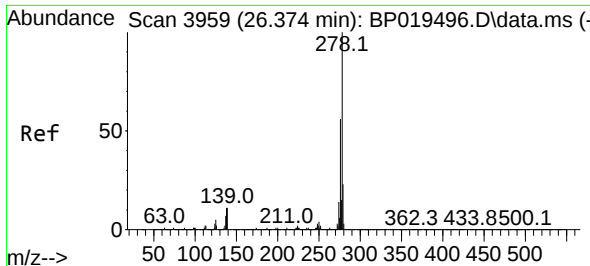
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#90
Benzo(a)pyrene
Concen: 45.995 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

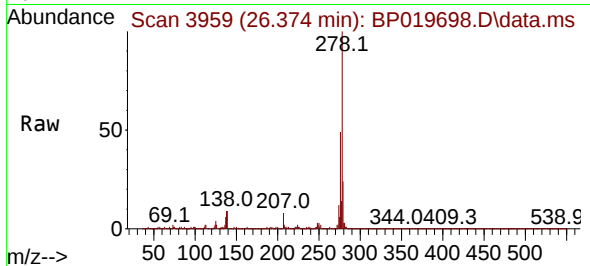
Tgt Ion:252 Resp: 1278115
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 6.2 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 44.481 ng
RT: 26.374 min Scan# 3959
Delta R.T. 0.000 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08

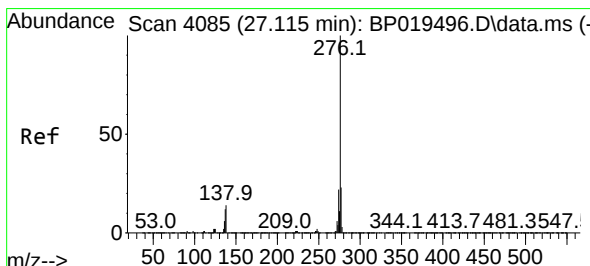
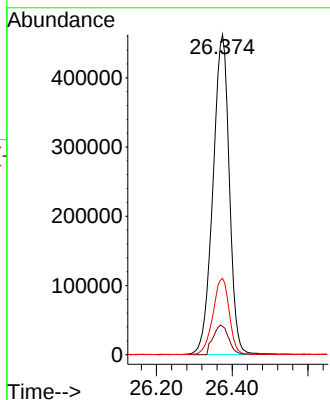
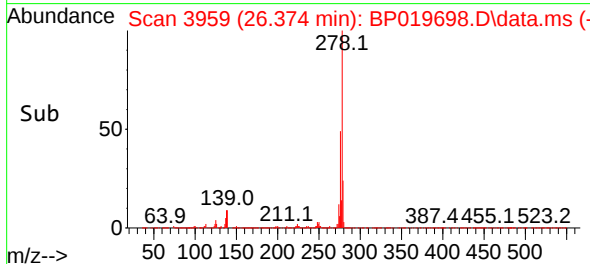
Instrument :
BNA_P
ClientSampleId :
PB158960BS



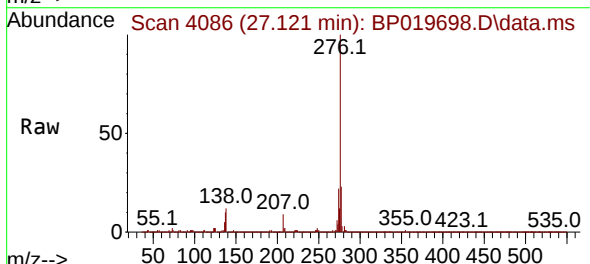
Tgt Ion: 278 Resp: 138764
Ion Ratio Lower Upper
278 100
139 8.9 8.6 12.8
279 23.8 18.5 27.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 41.673 ng
RT: 27.121 min Scan# 4086
Delta R.T. 0.006 min
Lab File: BP019698.D
Acq: 14 Feb 2024 13:08



Tgt Ion: 276 Resp: 1318901
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 11.7 10.9 16.3

