

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021596.D
 Acq On : 21 Aug 2024 13:52
 Operator : RC/JU
 Sample : PB162717BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162717BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 15:05:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	382215	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1575046	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1040134	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2287402	20.000	ng	0.00
76) Chrysene-d12	21.733	240	2165693	20.000	ng	0.04
86) Perylene-d12	25.180	264	2442992	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3393745	131.843	ng	0.00
7) Phenol-d6	6.969	99	4617277	122.964	ng	0.00
23) Nitrobenzene-d5	8.952	82	2709858	88.803	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1734110	149.799	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	5274621	77.393	ng	0.00
79) Terphenyl-d14	19.986	244	9075459	81.411	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	332984	27.282	ng	97
3) Pyridine	3.711	79	930205	27.301	ng	95
4) n-Nitrosodimethylamine	3.617	42	421867	41.193	ng	92
6) Aniline	7.128	93	1009293	26.886	ng	97
8) 2-Chlorophenol	7.369	128	1182127	49.695	ng	95
9) Benzaldehyde	6.940	77	438596m	18.243	ng	
10) Phenol	6.999	94	1763452	45.352	ng	96
11) bis(2-Chloroethyl)ether	7.222	93	1309449	39.798	ng	96
12) 1,3-Dichlorobenzene	7.693	146	1173922	41.546	ng	96
13) 1,4-Dichlorobenzene	7.840	146	1209567	42.394	ng	98
14) 1,2-Dichlorobenzene	8.152	146	1159900	42.185	ng	100
15) Benzyl Alcohol	8.034	79	1201796	44.606	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1232878	40.689	ng	96
17) 2-Methylphenol	8.240	107	1138874	46.330	ng	97
18) Hexachloroethane	8.881	117	493810	43.160	ng	99
19) n-Nitroso-di-n-propyla...	8.605	70	929078	35.819	ng	95
20) 3+4-Methylphenols	8.563	107	1570147	47.371	ng	98
22) Acetophenone	8.616	105	1818142	37.575	ng	# 98
24) Nitrobenzene	8.993	77	1407014	42.453	ng	93
25) Isophorone	9.522	82	2739777	38.005	ng	97
26) 2-Nitrophenol	9.704	139	589121	61.505	ng	93
27) 2,4-Dimethylphenol	9.769	122	895823	50.352	ng	99
28) bis(2-Chloroethoxy)met...	9.999	93	1750150	39.771	ng	99
29) 2,4-Dichlorophenol	10.240	162	1105942	52.612	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	1117565	41.468	ng	98
31) Naphthalene	10.646	128	3480847	42.304	ng	99
32) Benzoic acid	9.904	122	859892	64.569	ng	91
33) 4-Chloroaniline	10.740	127	776965	25.139	ng	96
34) Hexachlorobutadiene	10.934	225	670956	39.541	ng	99
35) Caprolactam	11.528	113	415006	47.432	ng	90
36) 4-Chloro-3-methylphenol	11.875	107	1467905	50.341	ng	96
37) 2-Methylnaphthalene	12.251	142	2392362	42.602	ng	99
38) 1-Methylnaphthalene	12.475	142	2231693	40.294	ng	99
40) 1,2,4,5-Tetrachloroben...	12.628	216	1197272	39.286	ng	99
41) Hexachlorocyclopentadiene	12.610	237	1047493	108.447	ng	99
43) 2,4,6-Trichlorophenol	12.863	196	925136	54.648	ng	100

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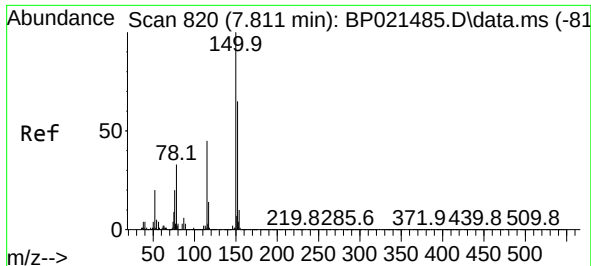
Manual Integrations
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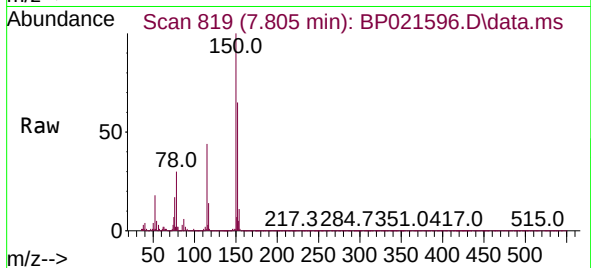
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	1001252	53.233	ng	95
46) 1,1'-Biphenyl	13.275	154	2928590	39.796	ng	97
47) 2-Chloronaphthalene	13.316	162	2422354	42.280	ng	99
48) 2-Nitroaniline	13.510	65	855436	52.708	ng	# 86
49) Acenaphthylene	14.169	152	4012822	47.645	ng	99
50) Dimethylphthalate	13.904	163	3210075	46.084	ng	99
51) 2,6-Dinitrotoluene	14.016	165	708246	50.199	ng	91
52) Acenaphthene	14.516	154	2768369m	50.095	ng	
53) 3-Nitroaniline	14.345	138	597584	43.648	ng	# 89
54) 2,4-Dinitrophenol	14.551	184	767324	122.237	ng	90
55) Dibenzofuran	14.857	168	3801272	44.715	ng	99
56) 4-Nitrophenol	14.663	139	1304945	110.865	ng	# 86
57) 2,4-Dinitrotoluene	14.810	165	1009571	55.596	ng	88
58) Fluorene	15.510	166	3022535	43.279	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	909332	56.959	ng	99
60) Diethylphthalate	15.292	149	3302718	46.211	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	1533021	42.466	ng	100
62) 4-Nitroaniline	15.528	138	734847	51.518	ng	95
63) Azobenzene	15.810	77	3533192	40.216	ng	96
65) 4,6-Dinitro-2-methylph...	15.592	198	542870	68.095	ng	95
66) n-Nitrosodiphenylamine	15.728	169	2701126	44.065	ng	100
67) 4-Bromophenyl-phenylether	16.428	248	1030332	42.560	ng	97
68) Hexachlorobenzene	16.551	284	1207612	42.211	ng	98
69) Atrazine	16.710	200	854121	40.584	ng	99
70) Pentachlorophenol	16.898	266	1601782	102.580	ng	99
71) Phenanthrene	17.304	178	4932533	44.839	ng	100
72) Anthracene	17.398	178	4842423	44.885	ng	100
73) Carbazole	17.675	167	4690439	45.113	ng	99
74) Di-n-butylphthalate	18.280	149	5906986	46.261	ng	100
75) Fluoranthene	19.392	202	5895234	43.676	ng	100
77) Benzidine	19.580	184	1160465	23.491	ng	100
78) Pyrene	19.769	202	6232922	44.032	ng	100
80) Butylbenzylphthalate	20.722	149	2738466	50.749	ng	90
81) Benzo(a)anthracene	21.710	228	6325234	46.525	ng	99
82) 3,3'-Dichlorobenzidine	21.627	252	1898042	43.543	ng	100
83) Chrysene	21.780	228	5948120	46.339	ng	99
84) Bis(2-ethylhexyl)phtha...	21.657	149	4155968	51.721	ng	99
85) Di-n-octyl phthalate	22.986	149	7331332	51.543	ng	97
87) Indeno(1,2,3-cd)pyrene	29.098	276	8344945m	52.697	ng	
88) Benzo(b)fluoranthene	24.086	252	6859212	48.887	ng	100
89) Benzo(k)fluoranthene	24.157	252	6722130	49.113	ng	99
90) Benzo(a)pyrene	25.027	252	6384870	52.439	ng	99
91) Dibenzo(a,h)anthracene	29.186	278	6839639	51.982	ng	99
92) Benzo(g,h,i)perylene	30.321	276	6566648	49.793	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

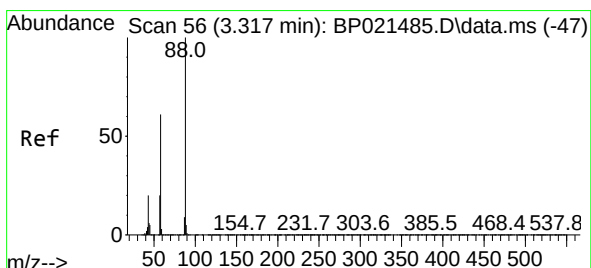
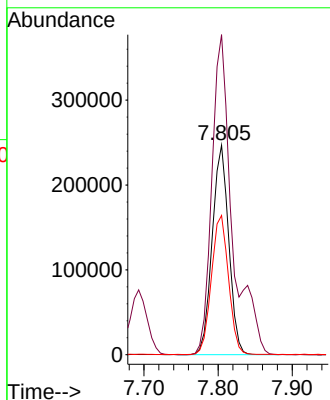
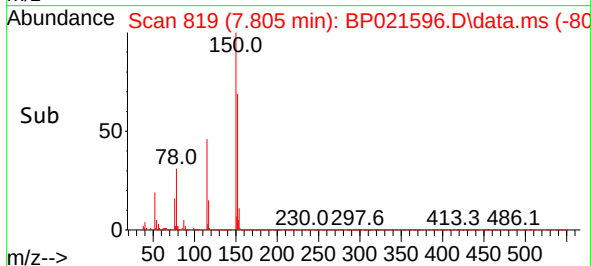
Instrument :
BNA_P
ClientSampleId :
PB162717BS



Tgt Ion:152 Resp: 382215
Ion Ratio Lower Upper
152 100
150 152.8 122.4 183.6
115 66.5 54.7 82.1

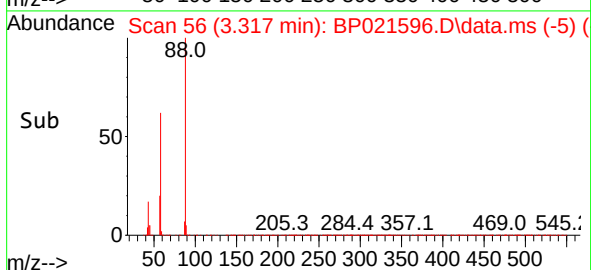
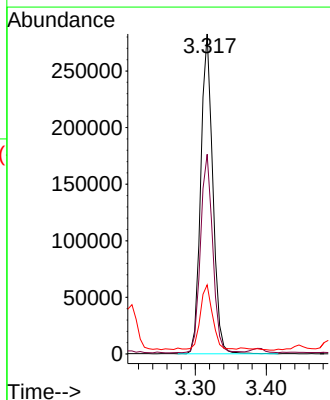
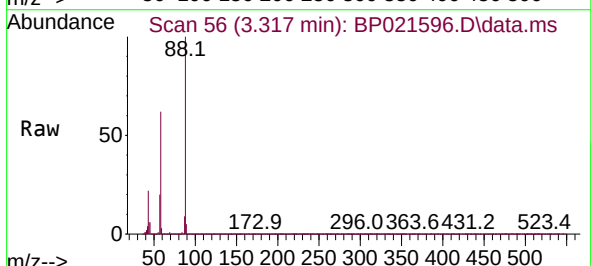
Manual Integrations
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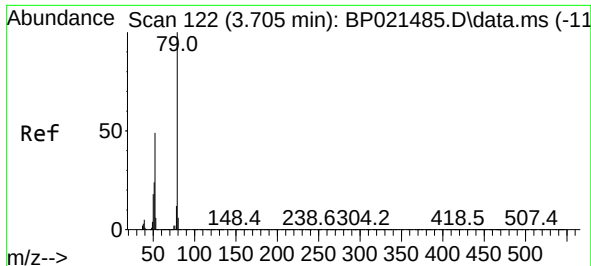
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#2
1,4-Dioxane
Concen: 27.282 ng
RT: 3.317 min Scan# 56
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion: 88 Resp: 332984
Ion Ratio Lower Upper
88 100
58 63.4 48.7 73.1
43 20.0 15.4 23.2





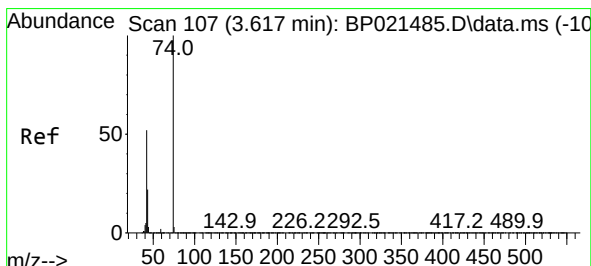
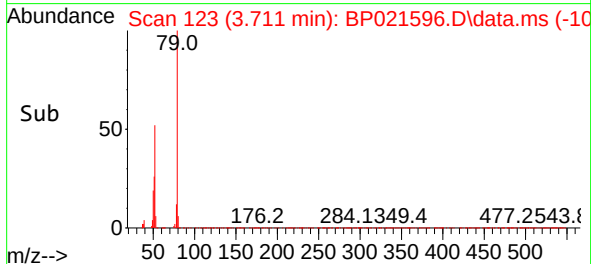
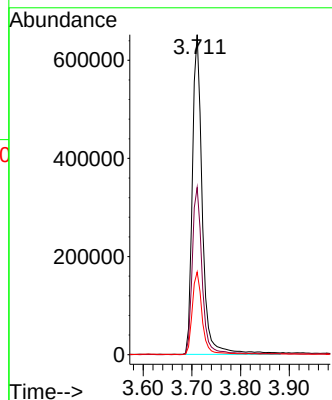
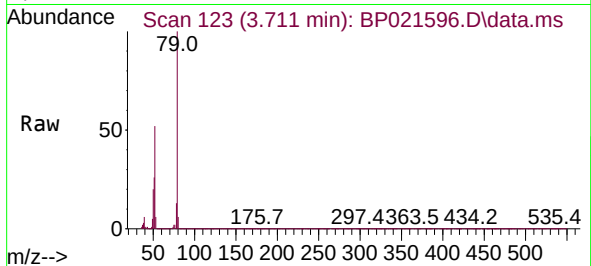
#3
Pyridine
Concen: 27.301 ng
RT: 3.711 min Scan# 122
Delta R.T. 0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :
BNA_P
ClientSampleId :
PB162717BS

Tgt Ion: 79 Resp: 930205
Ion Ratio Lower Upper
79 100
52 52.3 39.0 58.6
51 25.9 19.2 28.8

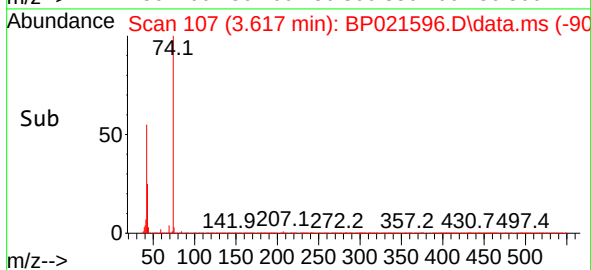
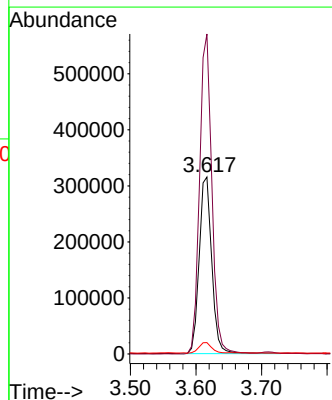
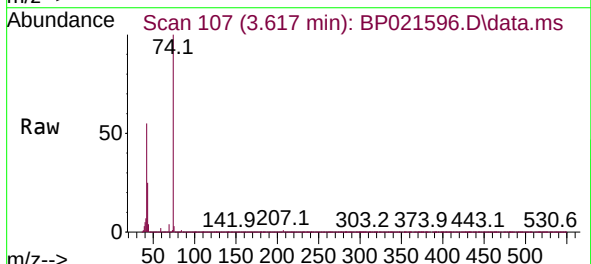
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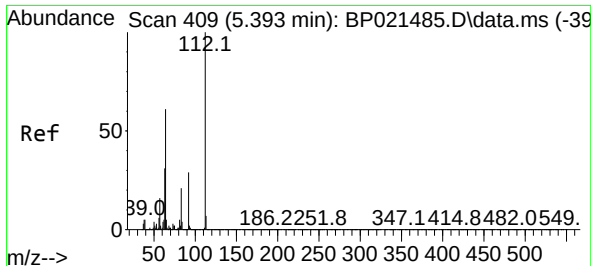
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#4
n-Nitrosodimethylamine
Concen: 41.193 ng
RT: 3.617 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

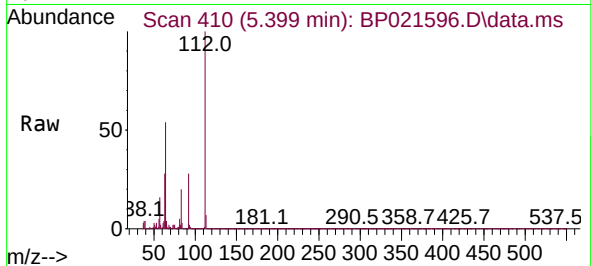
Tgt Ion: 42 Resp: 421867
Ion Ratio Lower Upper
42 100
74 180.8 154.3 231.5
44 6.4 6.2 9.4





#5
2-Fluorophenol
Concen: 131.843 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

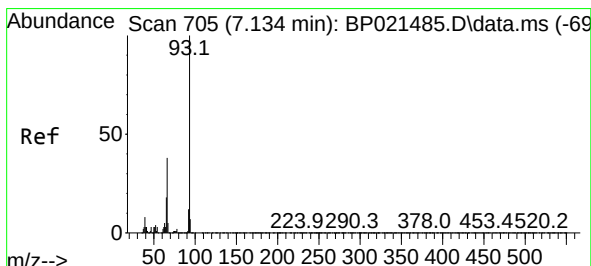
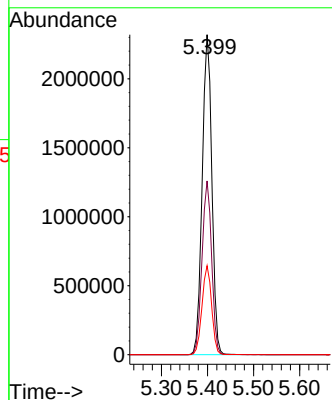
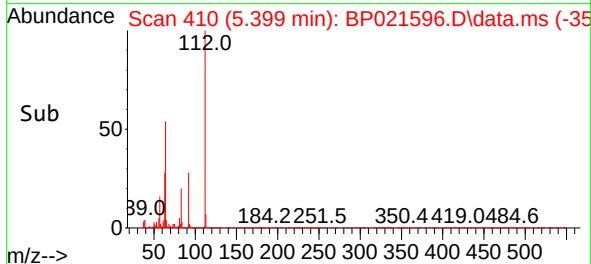
Instrument :
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Tgt Ion:112 Resp: 339374
Ion Ratio Lower Upper
112 100
64 54.3 49.0 73.6
63 27.8 24.6 36.8

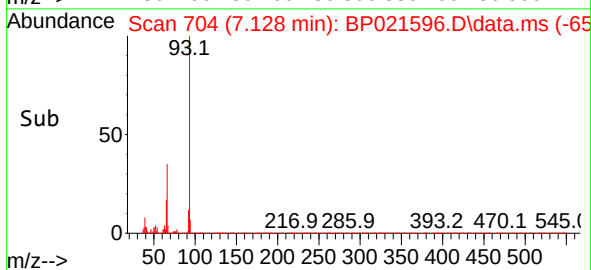
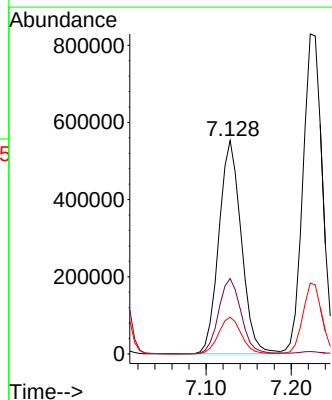
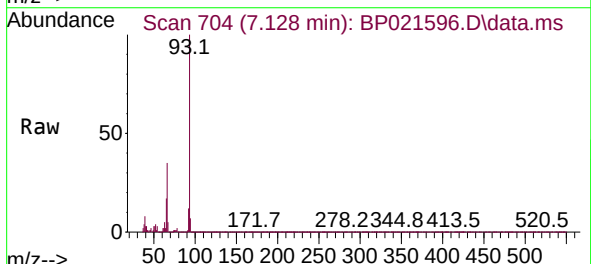
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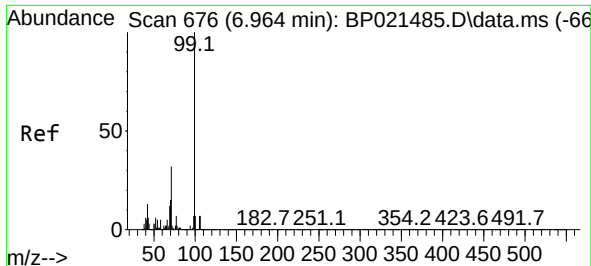
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#6
Aniline
Concen: 26.886 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

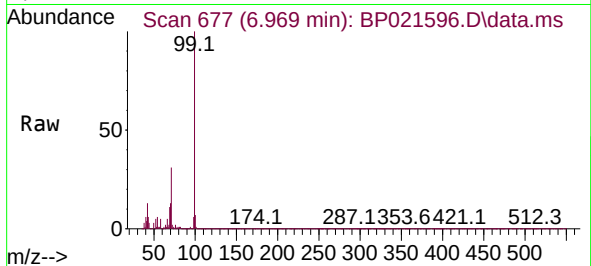
Tgt Ion: 93 Resp: 1009293
Ion Ratio Lower Upper
93 100
66 35.3 30.2 45.2
65 17.2 14.7 22.1





#7
Phenol-d6
Concen: 122.964 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

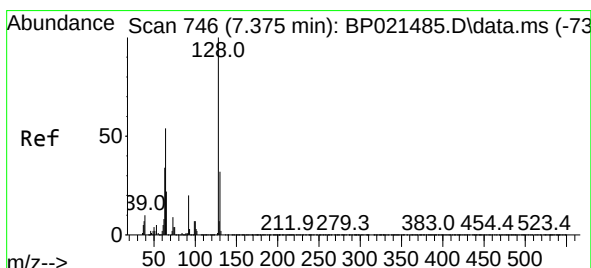
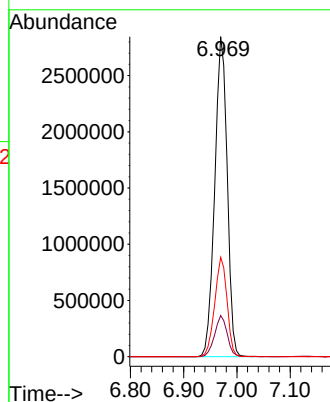
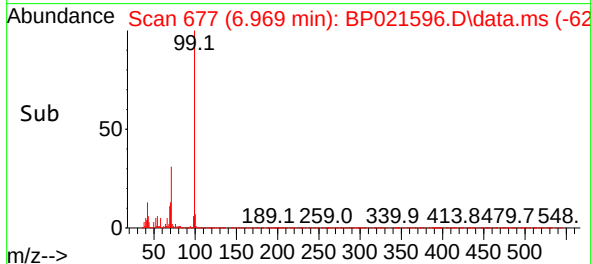
Instrument :
BNA_P
ClientSampleId :
PB162717BS



Tgt Ion: 99 Resp: 461727
Ion Ratio Lower Upper
99 100
42 12.9 10.2 15.4
71 31.1 25.8 38.8

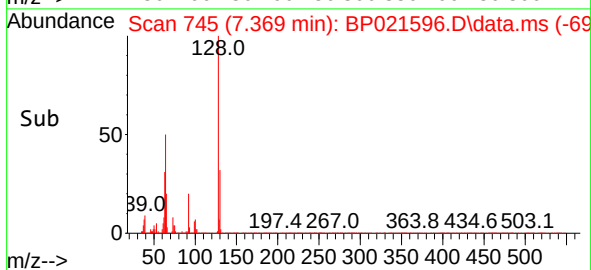
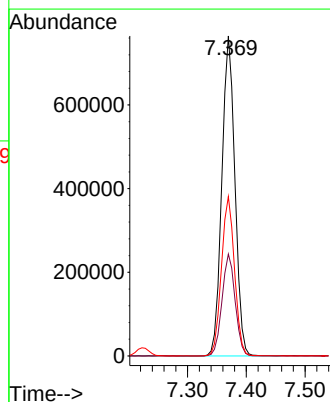
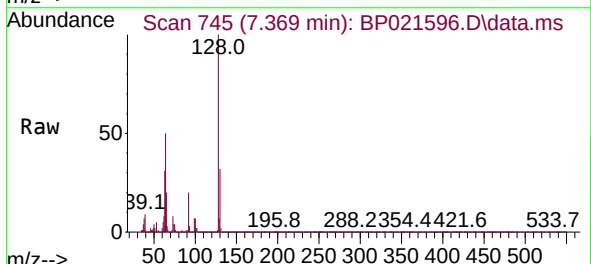
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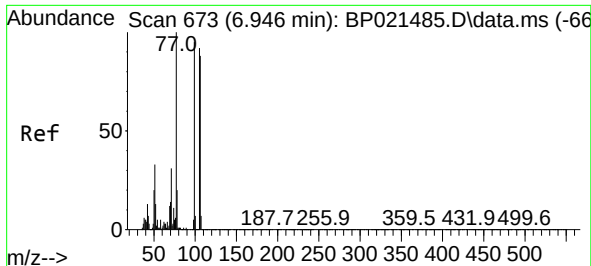
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#8
2-Chlorophenol
Concen: 49.695 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:128 Resp: 1182127
Ion Ratio Lower Upper
128 100
130 31.9 11.6 51.6
64 49.8 35.3 75.3





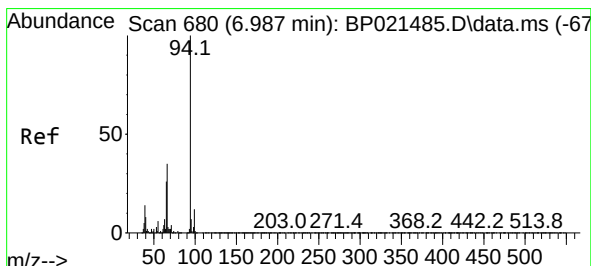
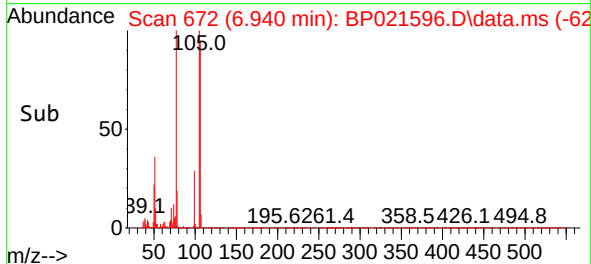
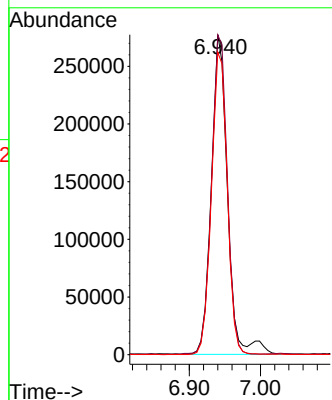
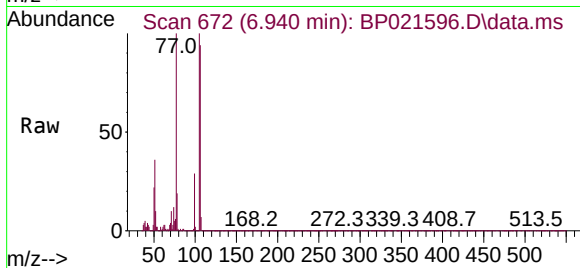
#9
Benzaldehyde
Concen: 18.243 ng m
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :
BNA_P
ClientSampleId :
PB162717BS

Tgt Ion: 77 Resp: 438590
Ion Ratio Lower Upper
77 100
105 99.9 72.1 112.1
106 94.5 67.9 107.9

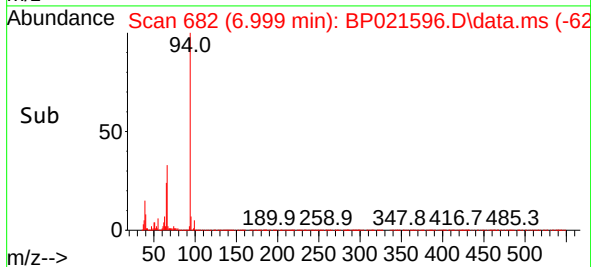
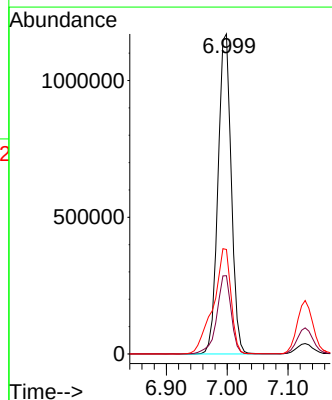
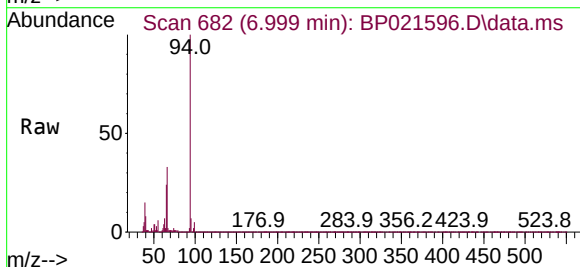
Manual Integrations
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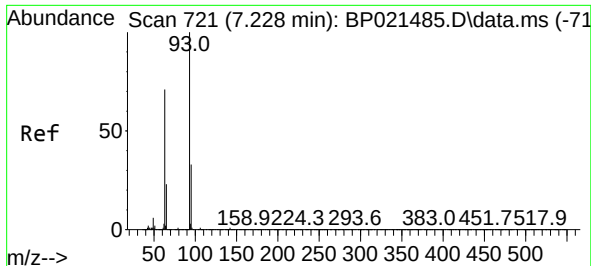
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#10
Phenol
Concen: 45.352 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

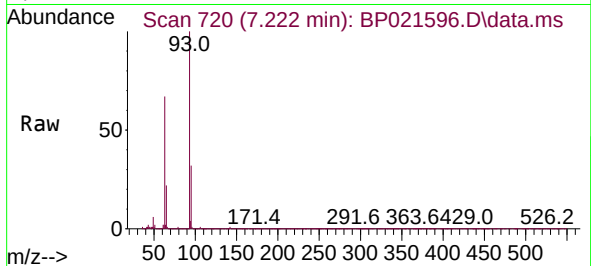
Tgt Ion: 94 Resp: 1763452
Ion Ratio Lower Upper
94 100
65 24.4 6.5 46.5
66 32.7 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 39.798 ng
RT: 7.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

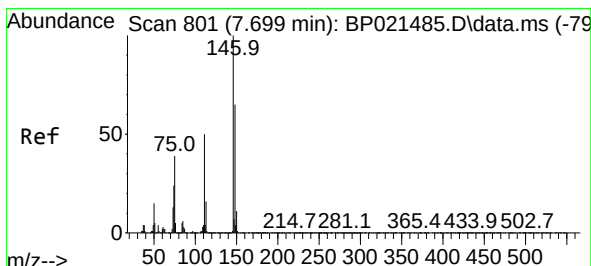
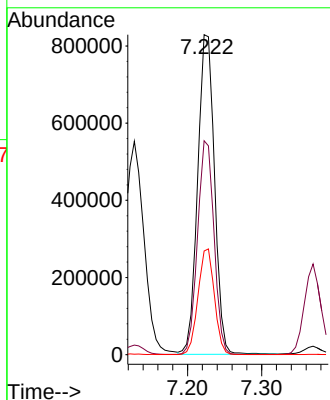
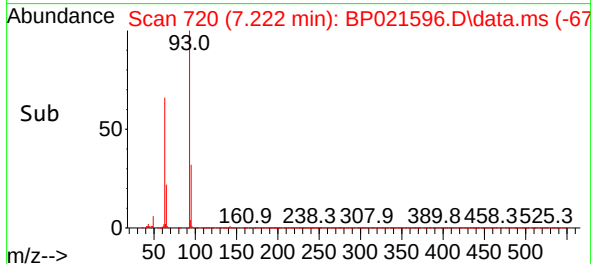
Instrument :
BNA_P
ClientSampleId :
PB162717BS



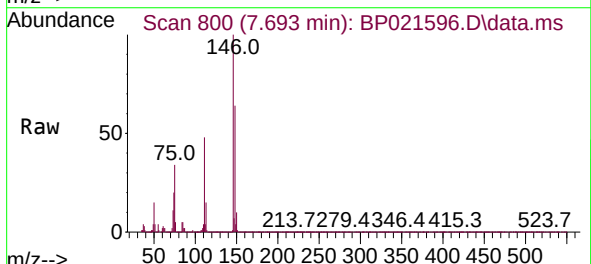
Tgt Ion: 93 Resp: 1309449
Ion Ratio Lower Upper
93 100
63 66.9 51.0 91.0
95 32.4 12.9 52.9

Manual Integrations
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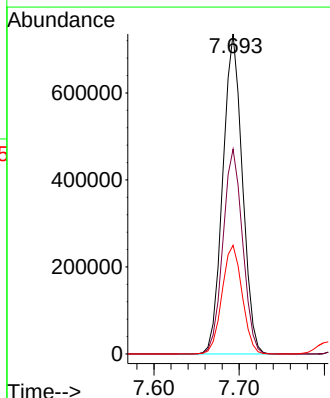
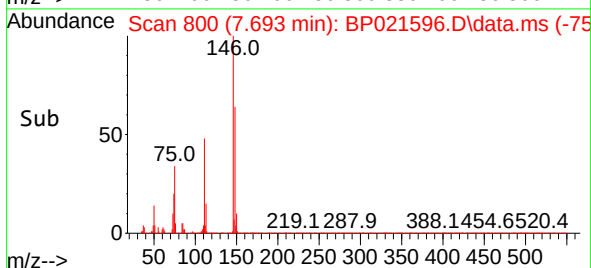
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

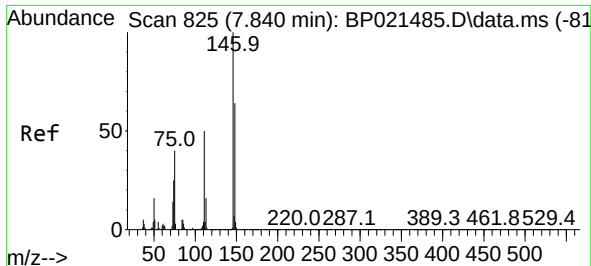


#12
1,3-Dichlorobenzene
Concen: 41.546 ng
RT: 7.693 min Scan# 800
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52



Tgt Ion:146 Resp: 1173922
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 34.0 31.3 46.9





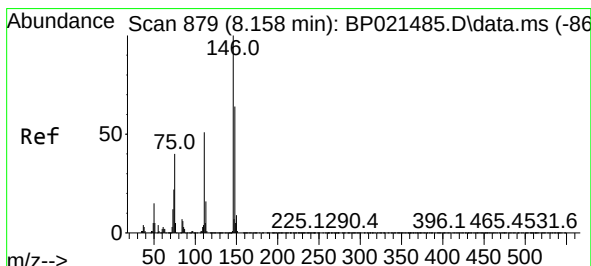
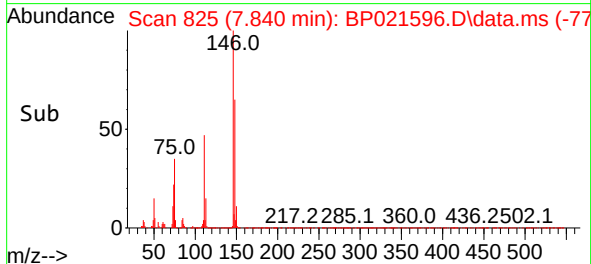
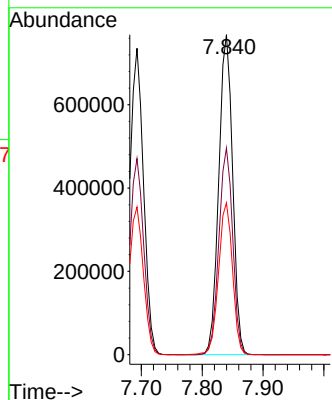
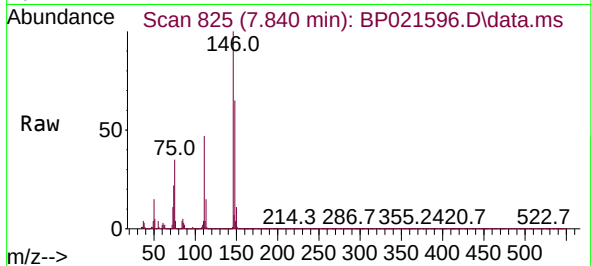
#13
1,4-Dichlorobenzene
Concen: 42.394 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :
BNA_P
ClientSampleId :
PB162717BS

Tgt Ion:146 Resp: 120956
Ion Ratio Lower Upper
146 100
148 64.6 51.5 77.3
111 47.4 40.3 60.5

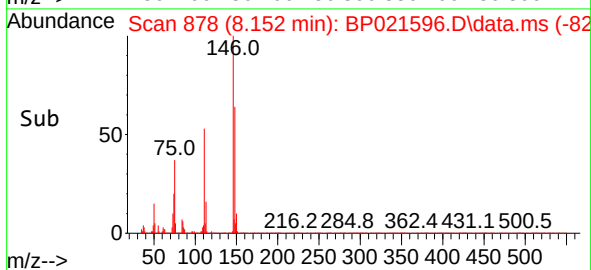
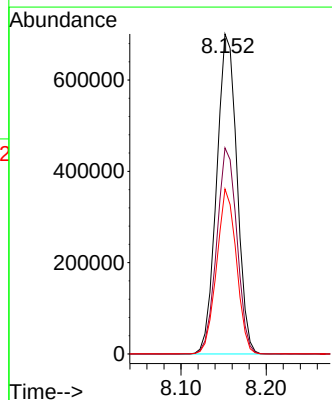
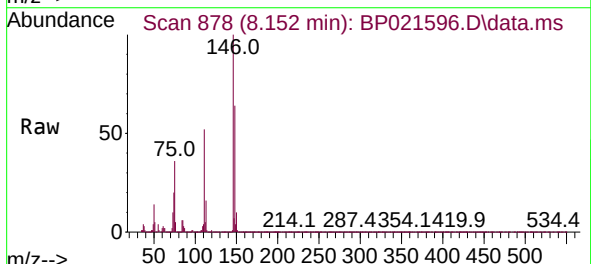
Manual Integrations
APPROVED

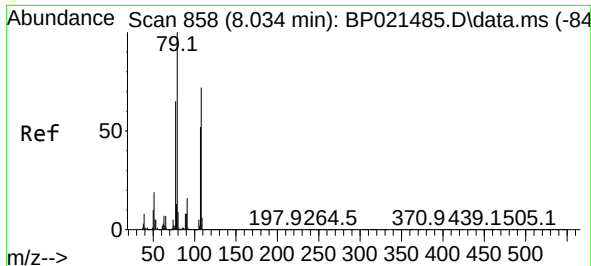
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#14
1,2-Dichlorobenzene
Concen: 42.185 ng
RT: 8.152 min Scan# 878
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

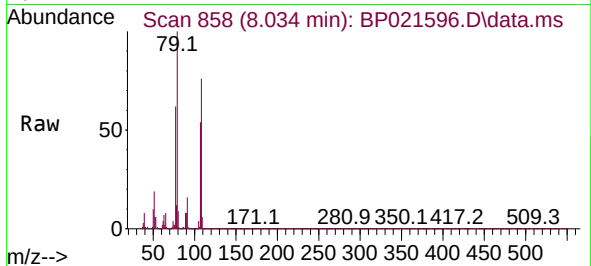
Tgt Ion:146 Resp: 1159900
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 51.6 41.1 61.7





#15
Benzyl Alcohol
Concen: 44.606 ng
RT: 8.034 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

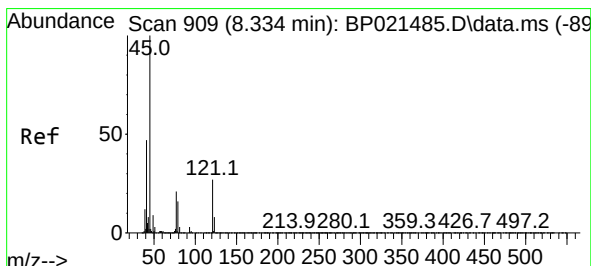
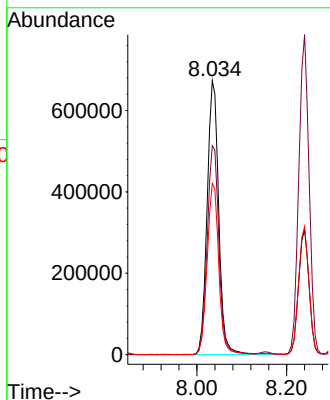
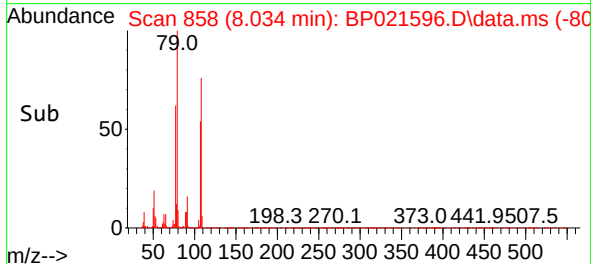
Instrument :
BNA_P
ClientSampleId :
PB162717BS



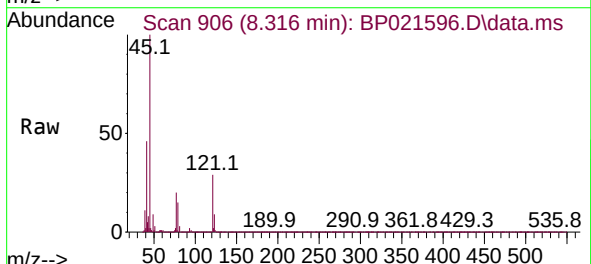
Tgt Ion: 79 Resp: 1201790
Ion Ratio Lower Upper
79 100
108 76.3 57.9 86.9
77 62.5 51.8 77.8

Manual Integrations
APPROVED

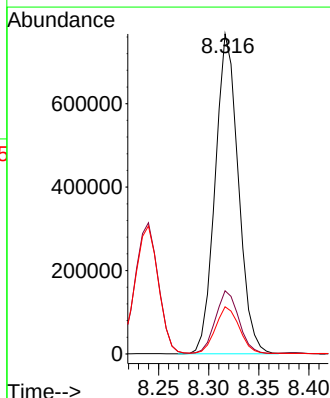
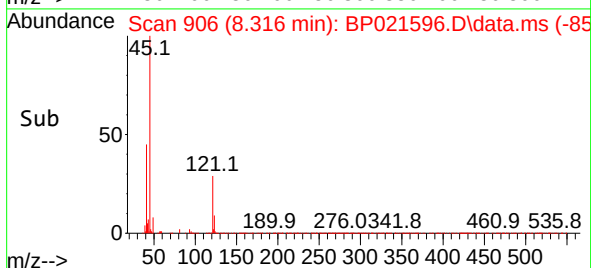
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

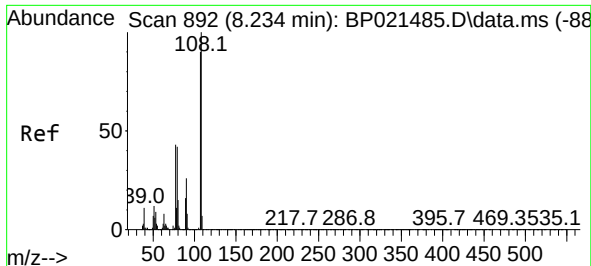


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.689 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.018 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52



Tgt Ion: 45 Resp: 1232878
Ion Ratio Lower Upper
45 100
77 19.7 1.9 41.9
79 14.8 0.0 36.6





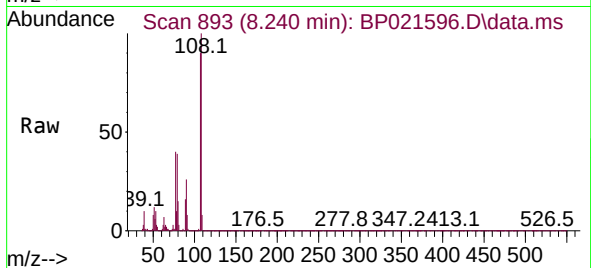
#17
2-Methylphenol
Concen: 46.330 ng
RT: 8.240 min Scan# 892
Delta R.T. 0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

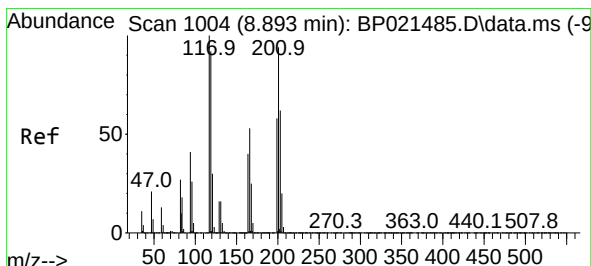
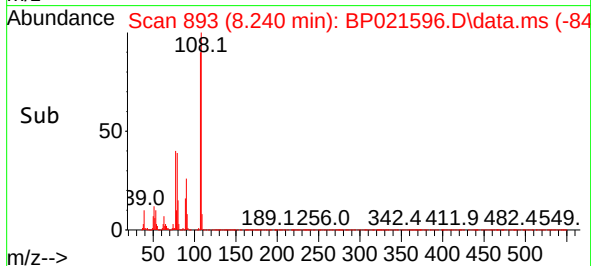
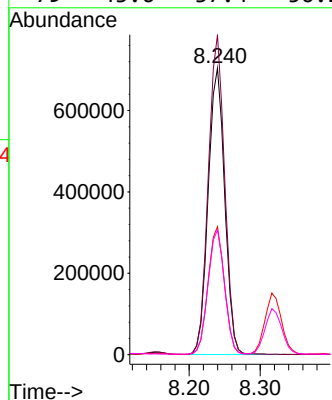


Tgt Ion:107 Resp: 1138874
Ion Ratio Lower Upper
107 100
108 111.7 88.8 133.2
77 44.7 38.7 58.1
79 43.6 37.4 56.2

Manual Integrations

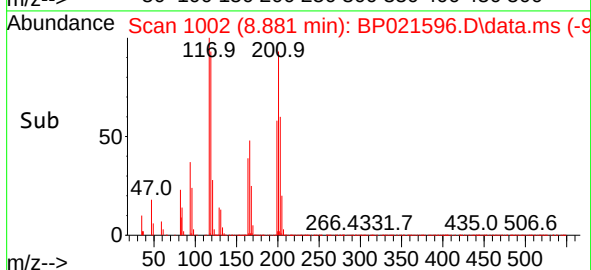
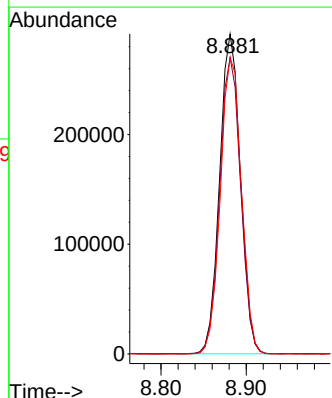
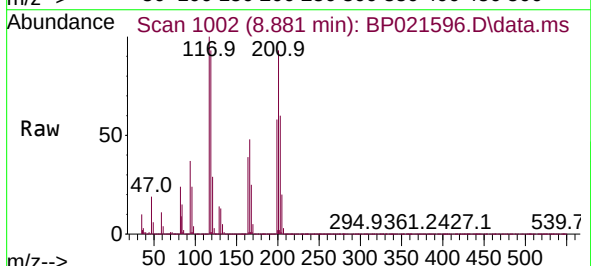
APPROVED

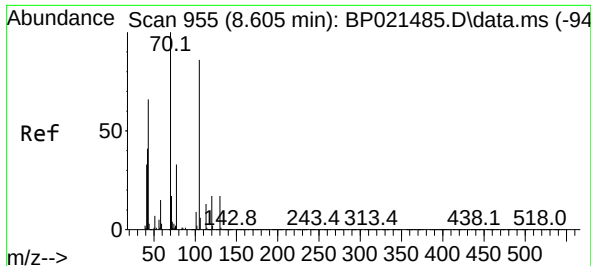
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#18
Hexachloroethane
Concen: 43.160 ng
RT: 8.881 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:117 Resp: 493810
Ion Ratio Lower Upper
117 100
119 92.6 73.9 110.9
201 92.5 74.9 112.3





#19
n-Nitroso-di-n-propylamine
Concen: 35.819 ng
RT: 8.605 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

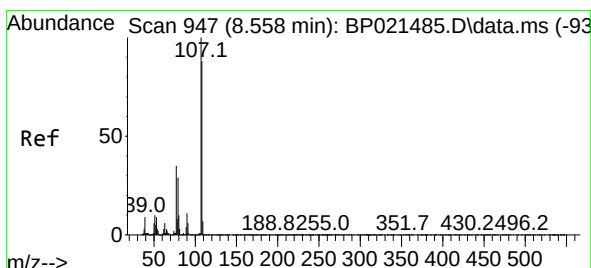
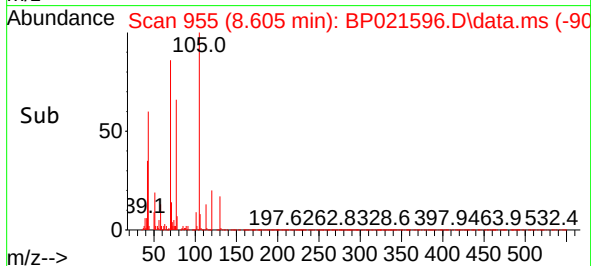
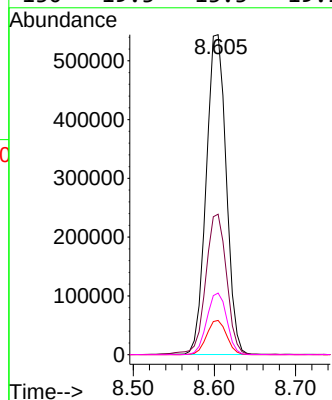
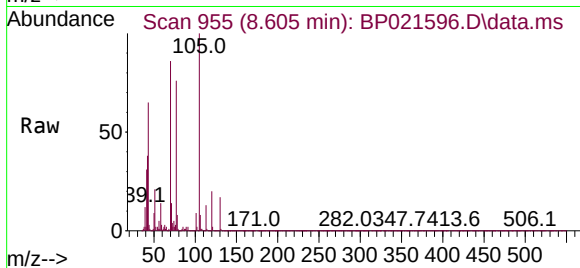
PB162717BS

Tgt Ion: 70 Resp: 929078
Ion Ratio Lower Upper
70 100
42 43.9 33.1 49.7
101 10.7 7.4 11.2
130 19.3 13.3 19.9

Manual Integrations

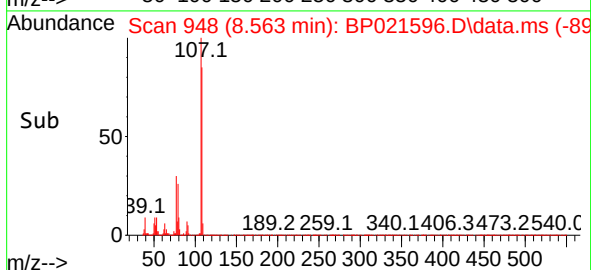
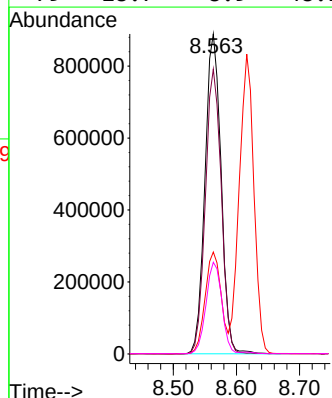
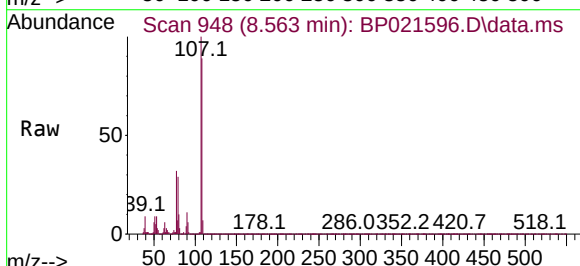
APPROVED

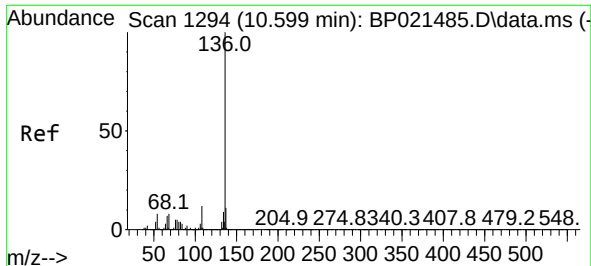
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#20
3+4-Methylphenols
Concen: 47.371 ng
RT: 8.563 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

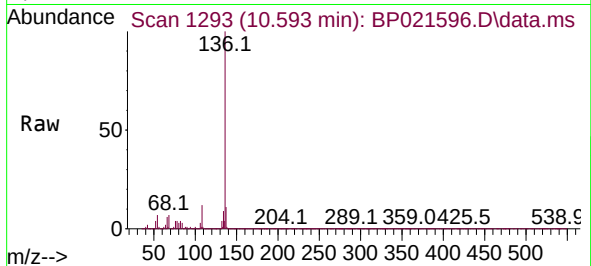
Tgt Ion:107 Resp: 1570147
Ion Ratio Lower Upper
107 100
108 89.0 67.6 107.6
77 31.9 15.0 55.0
79 28.7 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

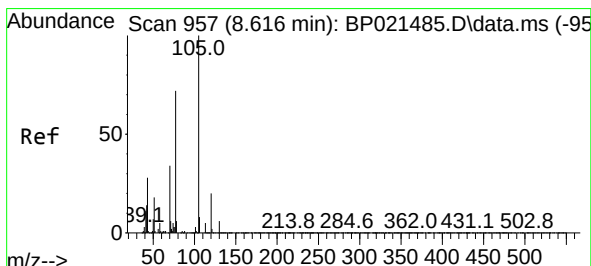
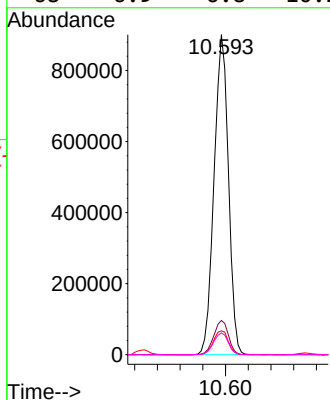
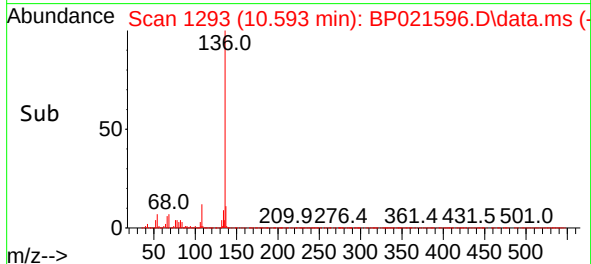
Instrument :
BNA_P
ClientSampleId :
PB162717BS



Tgt Ion:136 Resp: 1575040
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.4 6.3 9.5
68 6.9 6.8 10.2

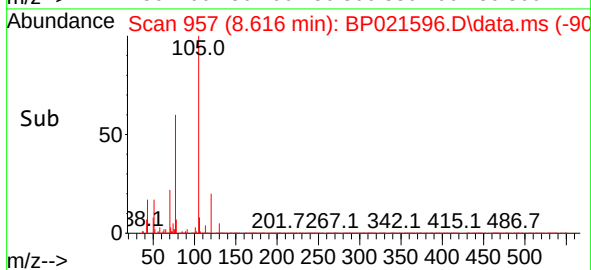
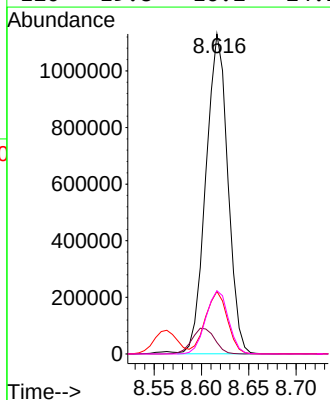
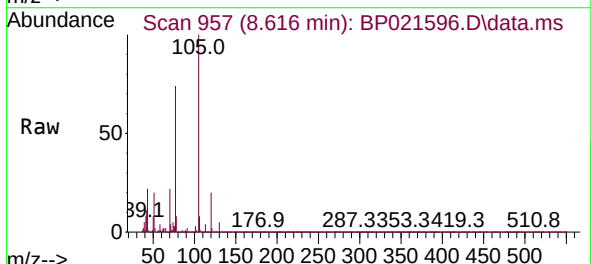
Manual Integrations
APPROVED

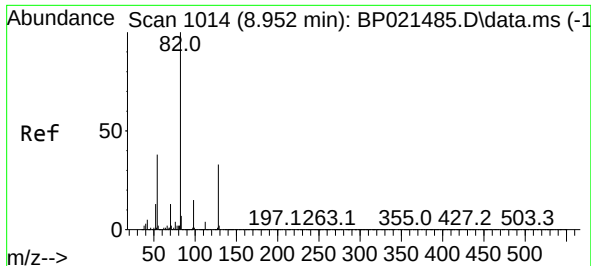
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#22
Acetophenone
Concen: 37.575 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:105 Resp: 1818142
Ion Ratio Lower Upper
105 100
71 3.6 4.6 7.0#
51 19.6 16.3 24.5
120 19.8 16.2 24.2





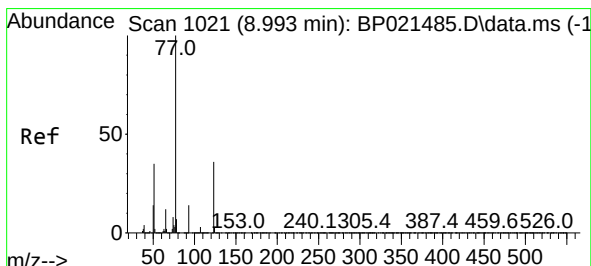
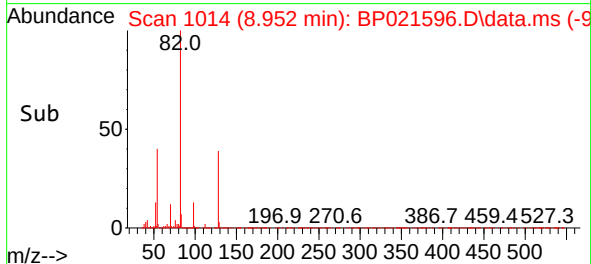
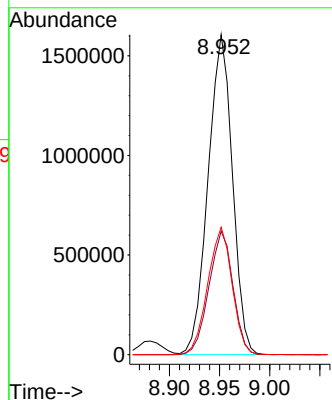
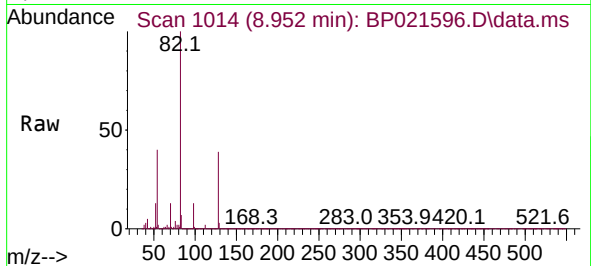
#23
Nitrobenzene-d5
Concen: 88.803 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :
BNA_P
ClientSampleId :
PB162717BS

Tgt Ion: 82 Resp: 270985
Ion Ratio Lower Upper
82 100
128 38.6 26.5 39.7
54 39.9 30.3 45.5

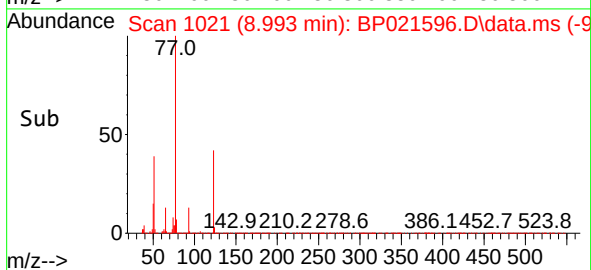
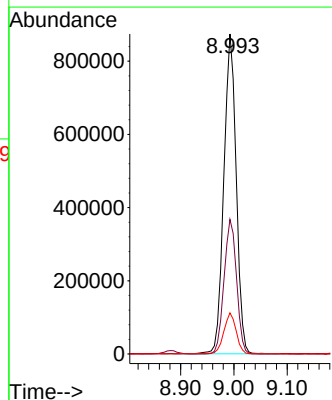
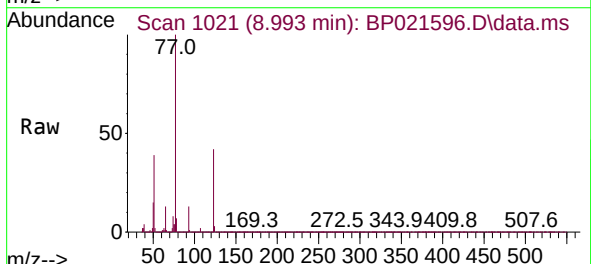
Manual Integrations
APPROVED

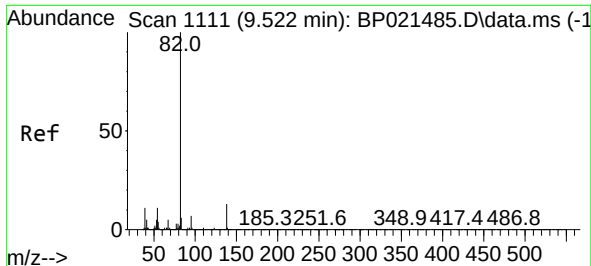
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#24
Nitrobenzene
Concen: 42.453 ng
RT: 8.993 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

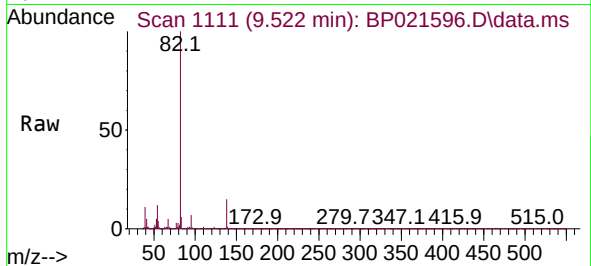
Tgt Ion: 77 Resp: 1407014
Ion Ratio Lower Upper
77 100
123 42.1 29.5 44.3
65 12.8 9.9 14.9





#25
Isophorone
Concen: 38.005 ng
RT: 9.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

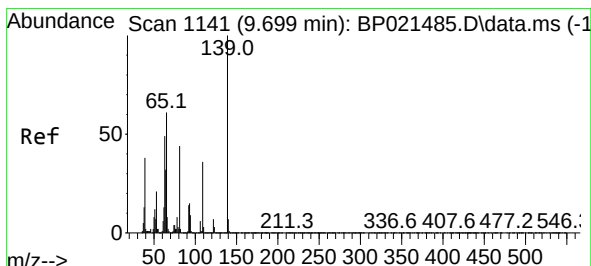
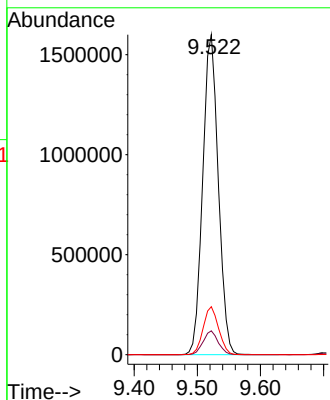
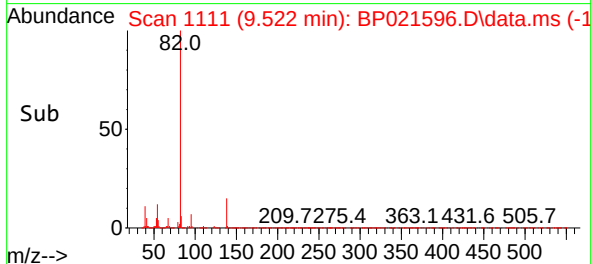
Instrument :
BNA_P
ClientSampleId :
PB162717BS



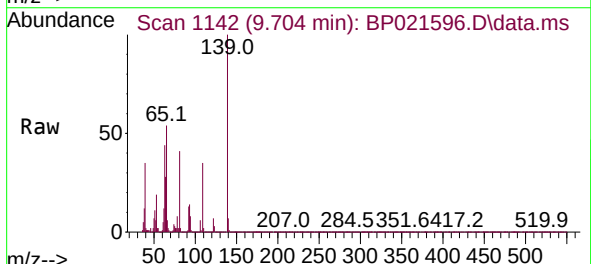
Tgt Ion: 82 Resp: 273977
Ion Ratio Lower Upper
82 100
95 7.5 5.4 8.2
138 15.0 10.6 16.0

Manual Integrations
APPROVED

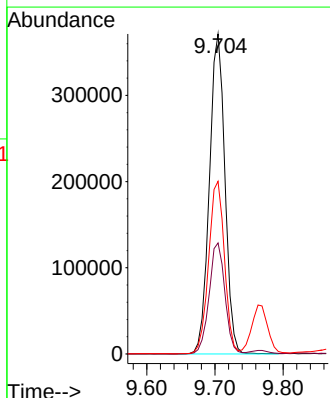
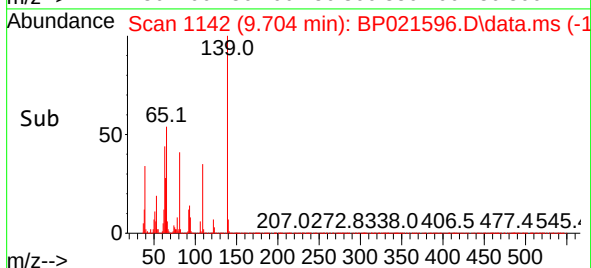
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

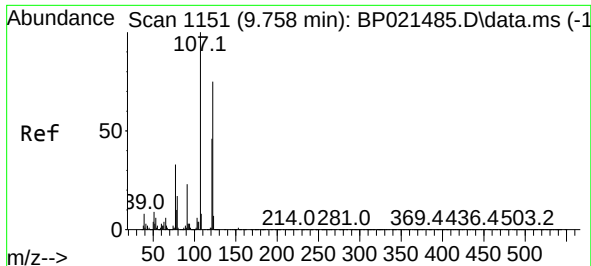


#26
2-Nitrophenol
Concen: 61.505 ng
RT: 9.704 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52



Tgt Ion:139 Resp: 589121
Ion Ratio Lower Upper
139 100
109 34.7 28.9 43.3
65 54.0 49.0 73.6





#27
2,4-Dimethylphenol
Concen: 50.352 ng
RT: 9.769 min Scan# 1151
Delta R.T. 0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

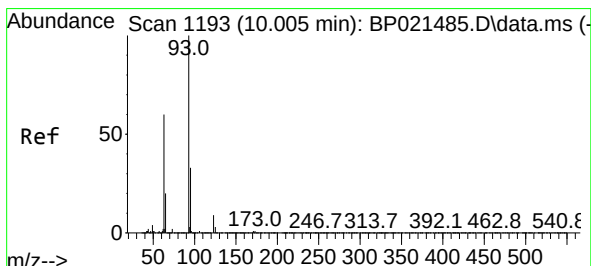
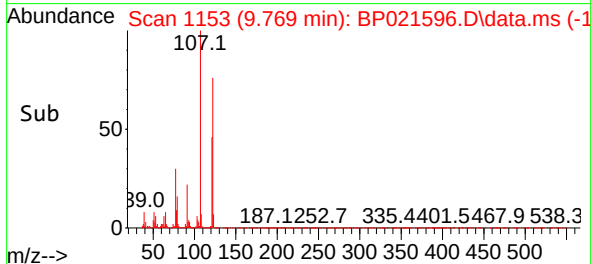
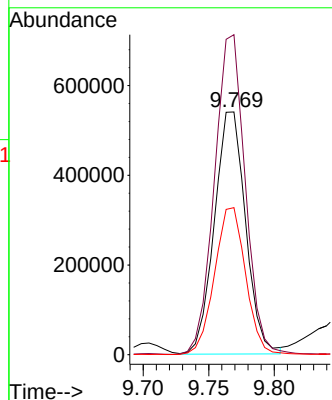
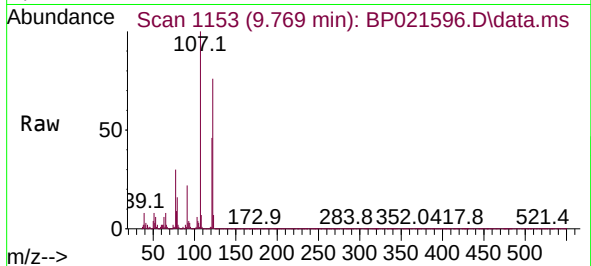
PB162717BS

Tgt Ion:122 Resp: 89582
Ion Ratio Lower Upper
122 100
107 131.8 106.2 159.4
121 60.6 48.8 73.2

Manual Integrations

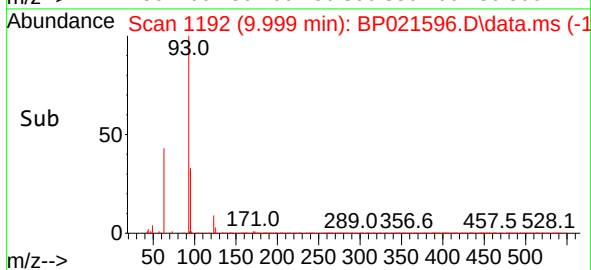
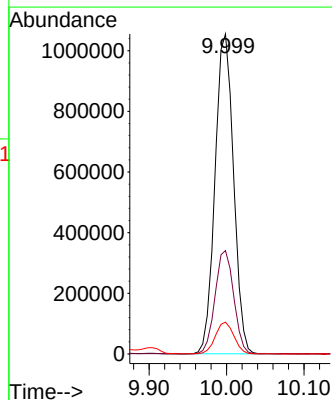
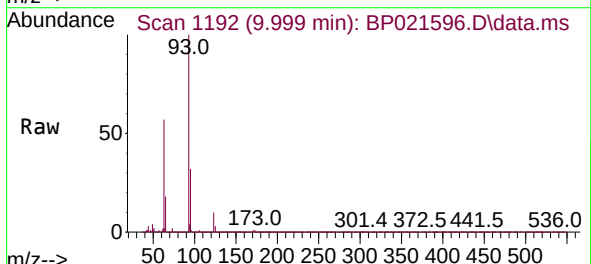
APPROVED

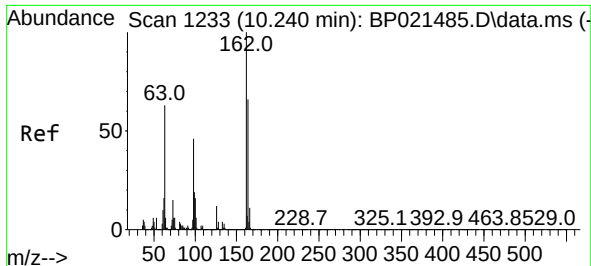
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 39.771 ng
RT: 9.999 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion: 93 Resp: 1750150
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.4
123 10.0 7.6 11.4





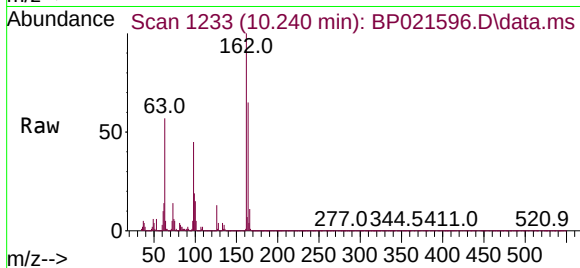
#29
2,4-Dichlorophenol
Concen: 52.612 ng
RT: 10.240 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS



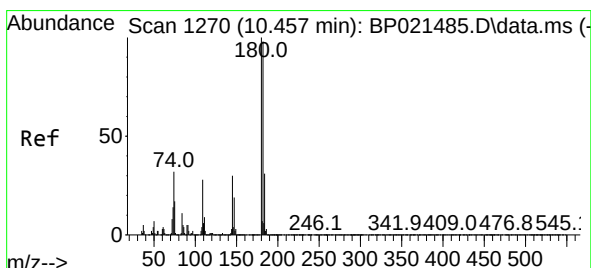
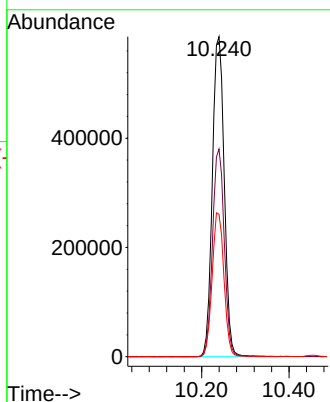
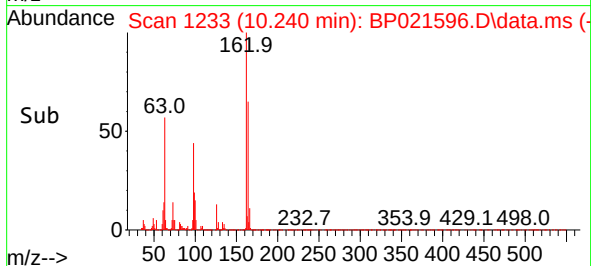
Tgt Ion:162 Resp: 110594
Ion Ratio Lower Upper
162 100
164 64.9 45.9 85.9
98 44.5 26.3 66.3

Manual Integrations

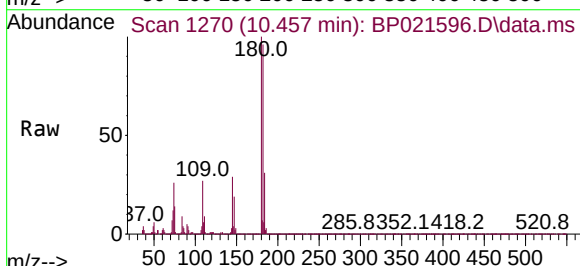
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

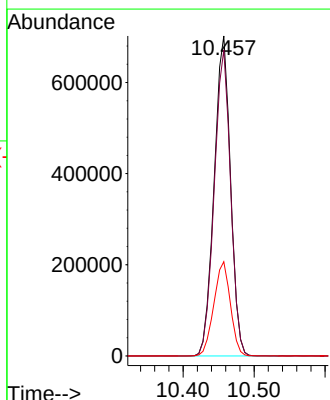
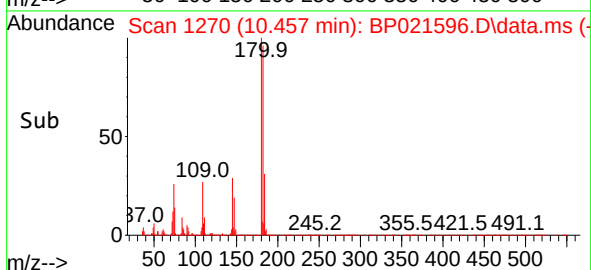
Supervised By :mohammad ahmed 08/22/2024

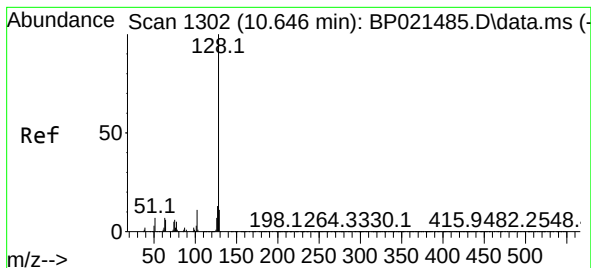


#30
1,2,4-Trichlorobenzene
Concen: 41.468 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52



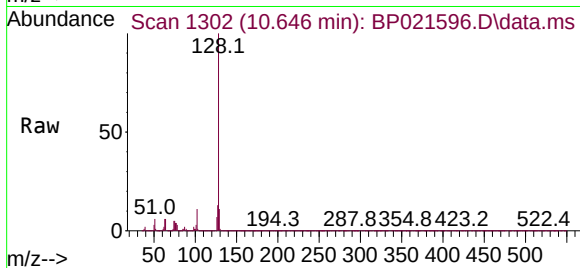
Tgt Ion:180 Resp: 1117565
Ion Ratio Lower Upper
180 100
182 95.7 78.3 117.5
145 29.4 24.0 36.0





#31
Naphthalene
Concen: 42.304 ng
RT: 10.646 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

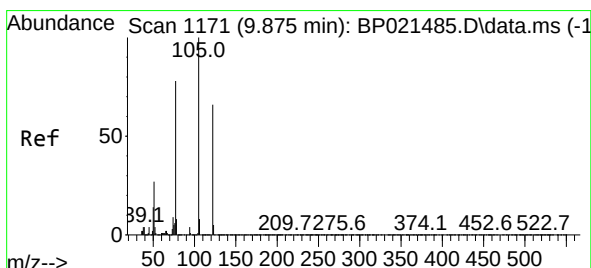
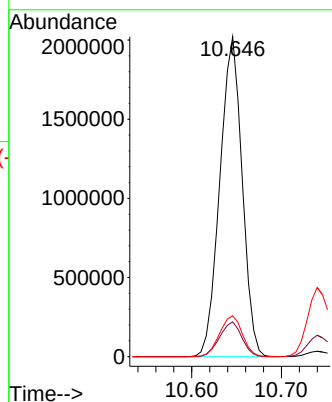
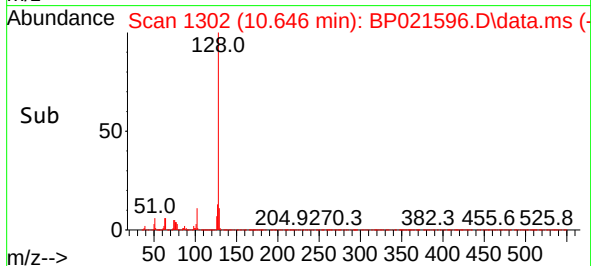
Instrument :
BNA_P
ClientSampleId :
PB162717BS



Tgt Ion:128 Resp: 348084
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.8 10.6 15.8

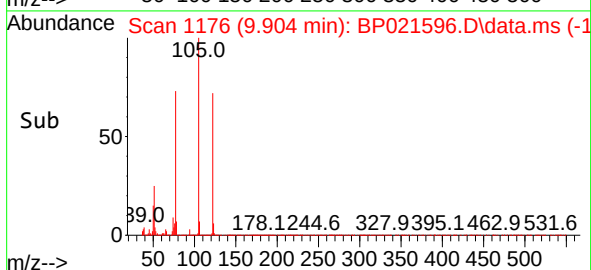
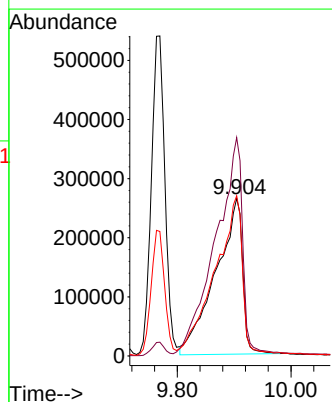
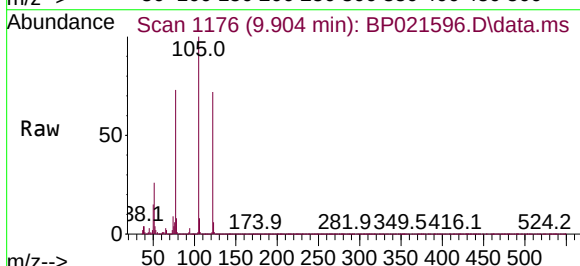
Manual Integrations
APPROVED

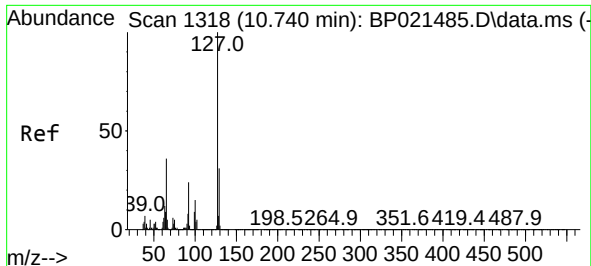
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#32
Benzoic acid
Concen: 64.569 ng
RT: 9.904 min Scan# 1176
Delta R.T. 0.029 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:122 Resp: 859892
Ion Ratio Lower Upper
122 100
105 138.6 124.6 164.6
77 101.7 96.2 136.2





#33
4-Chloroaniline
Concen: 25.139 ng
RT: 10.740 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

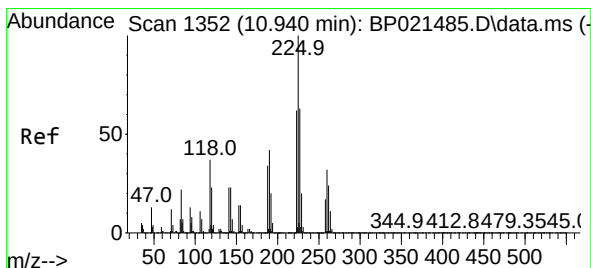
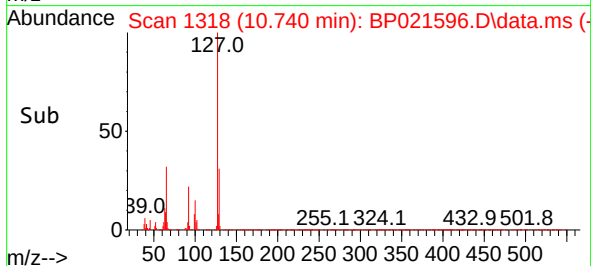
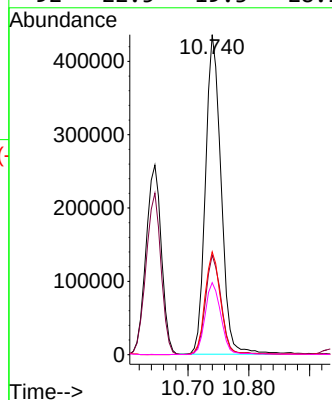
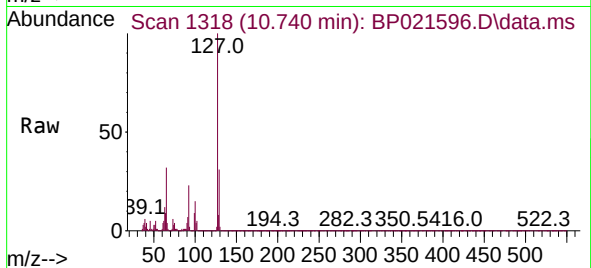
Tgt Ion:	127	Resp:	77696
Ion	Ratio	Lower	Upper
127	100		
129	31.1	24.5	36.7
65	32.1	28.9	43.3
92	22.5	19.3	28.9

Manual Integrations

APPROVED

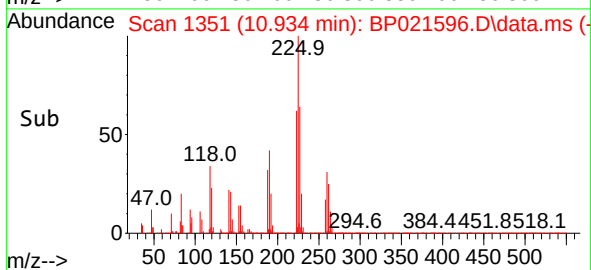
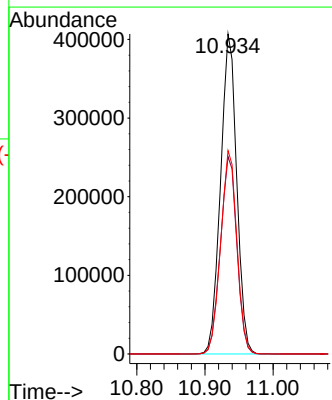
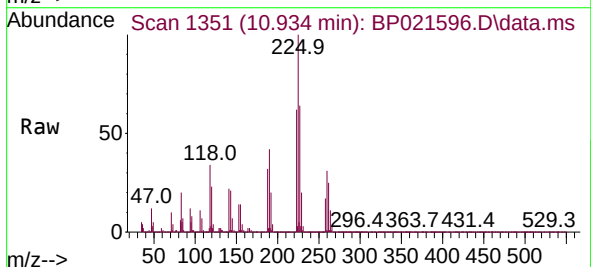
Reviewed By :Yogesh Patel 08/22/2024

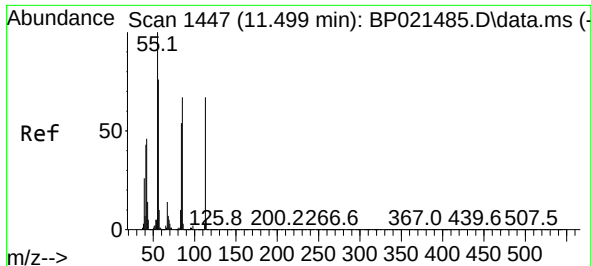
Supervised By :mohammad ahmed 08/22/2024



#34
Hexachlorobutadiene
Concen: 39.541 ng
RT: 10.934 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

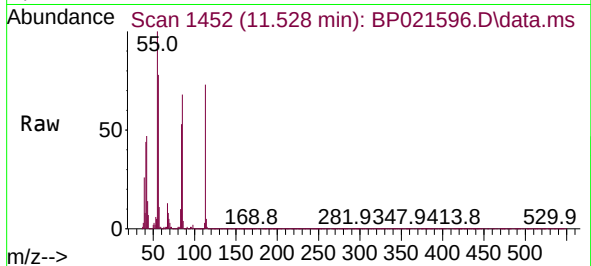
Tgt Ion:	225	Resp:	670956
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.6	74.4
227	63.6	50.1	75.1





#35
Caprolactam
Concen: 47.432 ng
RT: 11.528 min Scan# 1447
Delta R.T. 0.029 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

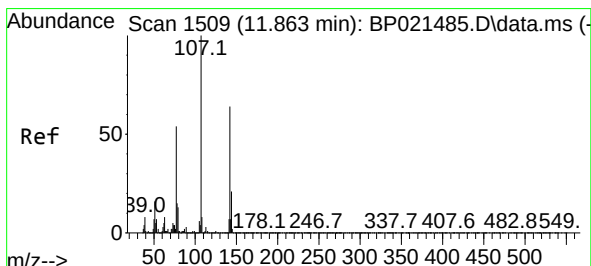
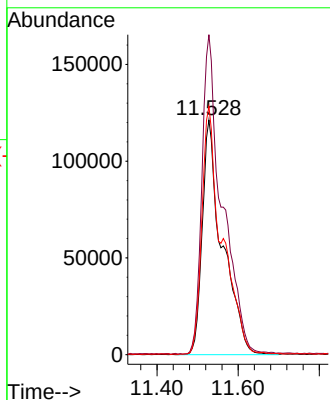
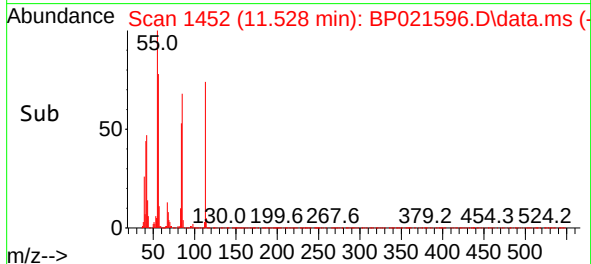
Instrument :
BNA_P
ClientSampleId :
PB162717BS



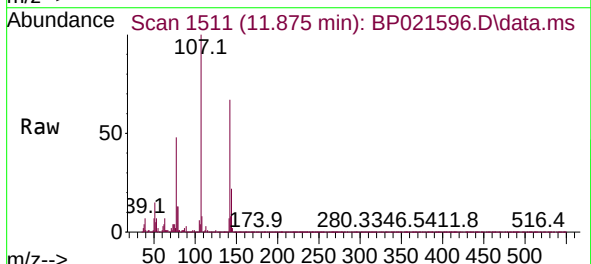
Tgt Ion:113 Resp: 415000
Ion Ratio Lower Upper
113 100
55 136.3 130.6 170.6
56 105.8 94.6 134.6

Manual Integrations
APPROVED

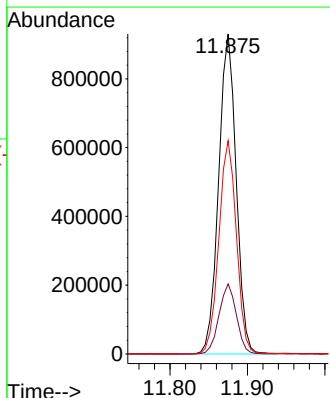
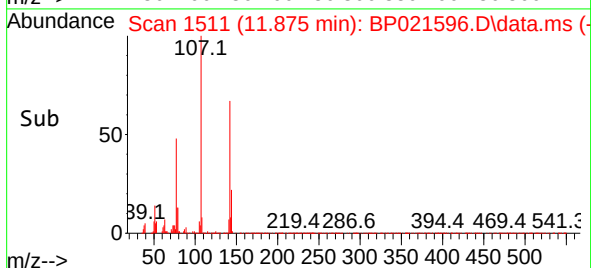
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

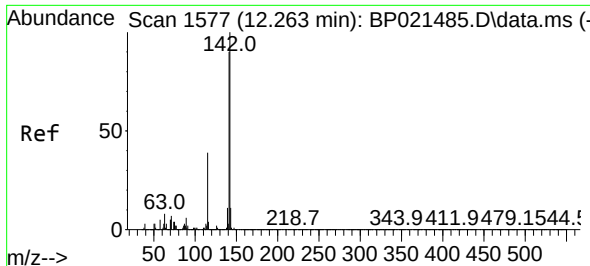


#36
4-Chloro-3-methylphenol
Concen: 50.341 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52



Tgt Ion:107 Resp: 1467905
Ion Ratio Lower Upper
107 100
144 21.9 16.6 24.8
142 66.7 51.0 76.4





#37
2-Methylnaphthalene
Concen: 42.602 ng
RT: 12.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

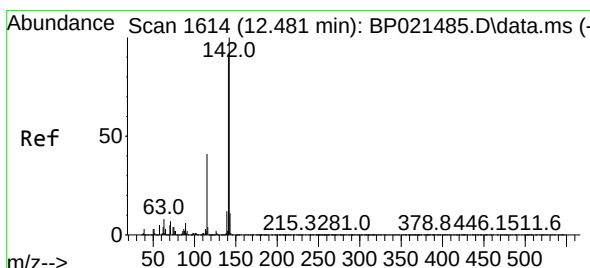
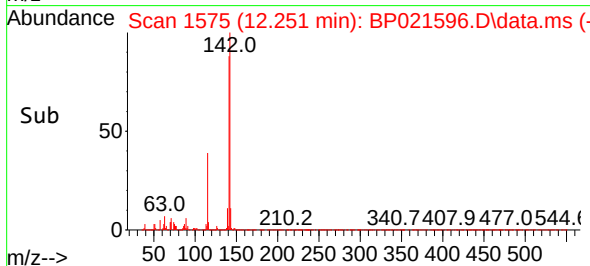
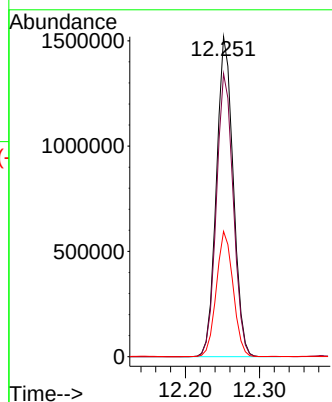
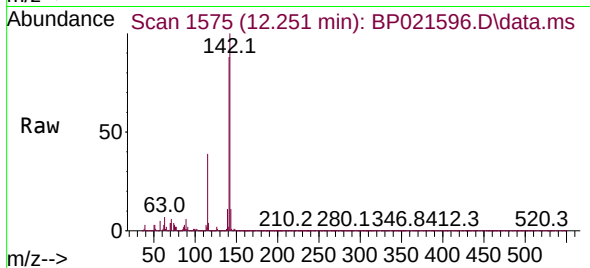
PB162717BS

Tgt Ion:142 Resp: 239236
Ion Ratio Lower Upper
142 100
141 88.4 71.7 107.5
115 39.1 31.4 47.2

Manual Integrations

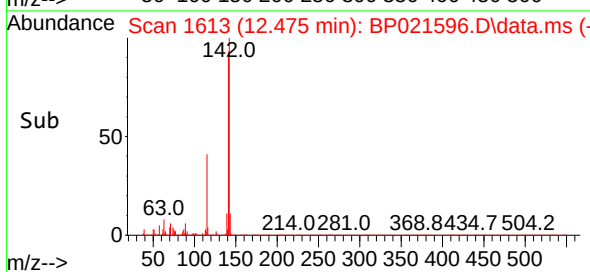
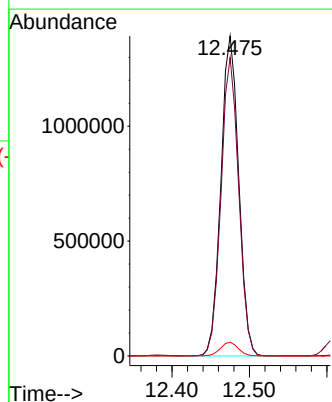
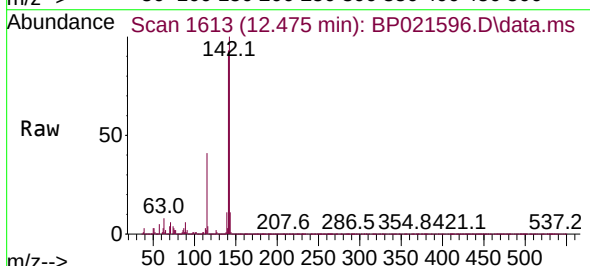
APPROVED

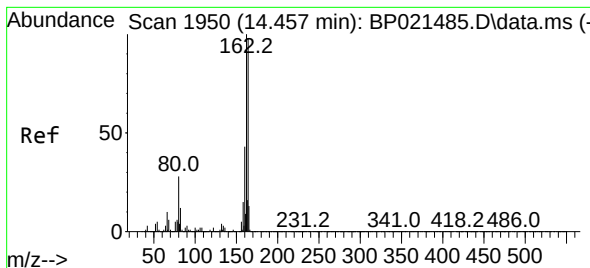
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#38
1-Methylnaphthalene
Concen: 40.294 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:142 Resp: 2231693
Ion Ratio Lower Upper
142 100
141 93.3 73.5 110.3
116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:164 Resp: 1040134

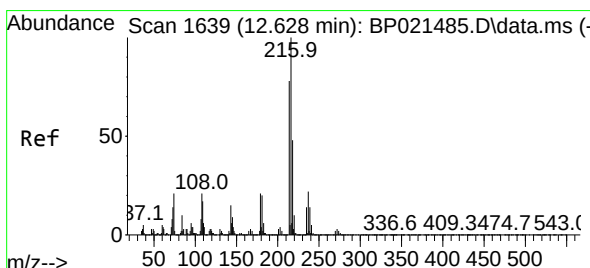
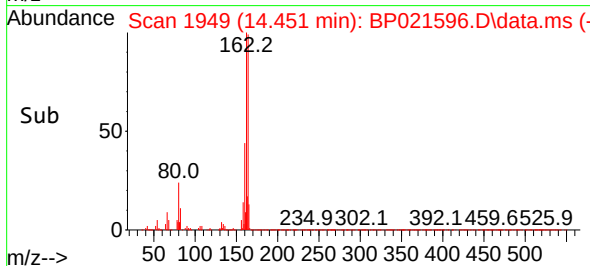
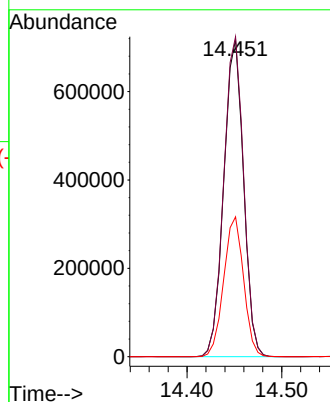
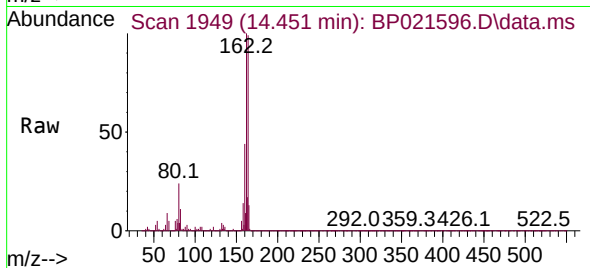
Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.5	122.3
160	44.1	35.2	52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.286 ng

RT: 12.628 min Scan# 1639

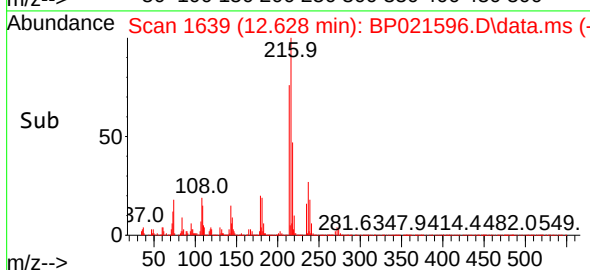
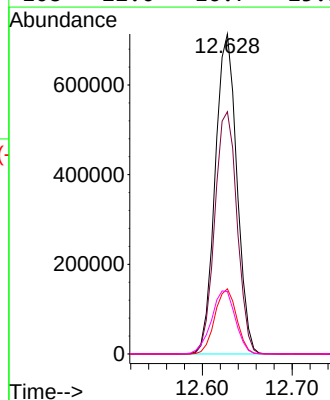
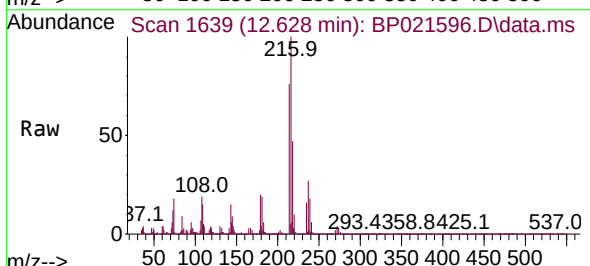
Delta R.T. -0.000 min

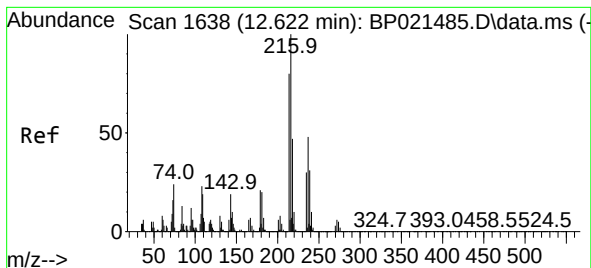
Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Tgt Ion:216 Resp: 1197272

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.5	93.7
179	20.5	16.4	24.6
108	22.0	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 108.447 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:237 Resp: 104749

Ion Ratio Lower Upper

237 100

235 63.2 43.9 83.9

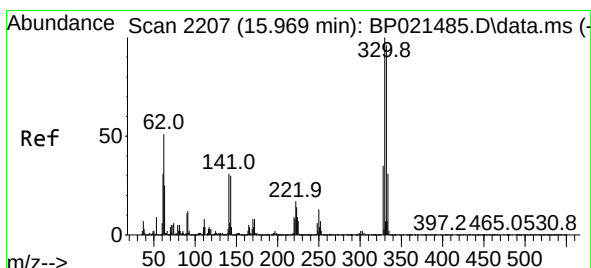
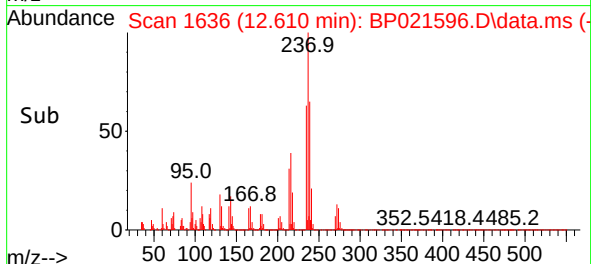
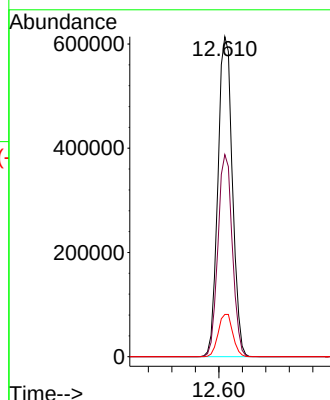
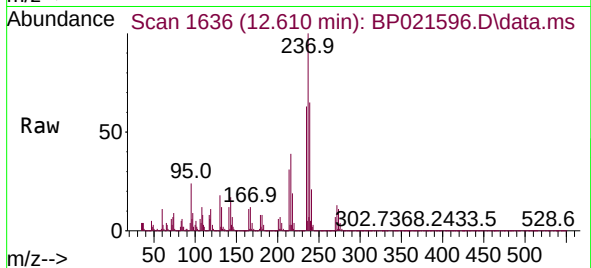
272 13.2 0.0 33.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#42

2,4,6-Tribromophenol

Concen: 149.799 ng

RT: 15.969 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

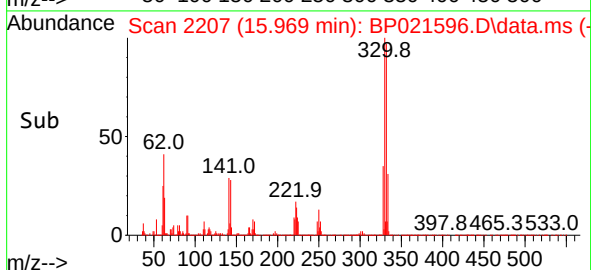
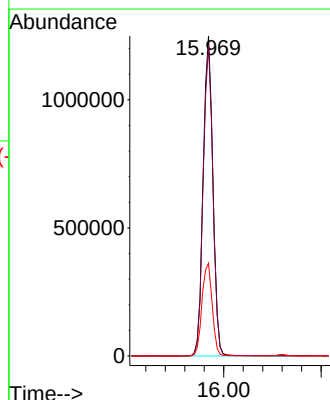
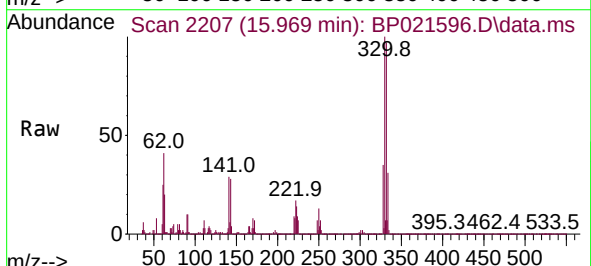
Tgt Ion:330 Resp: 1734110

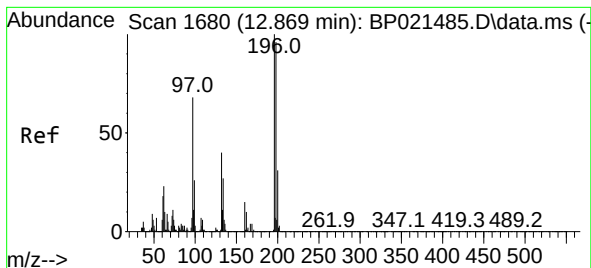
Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 30.4 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 54.648 ng

RT: 12.863 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:196 Resp: 925130

Ion Ratio Lower Upper

196 100

198 96.2 76.6 114.8

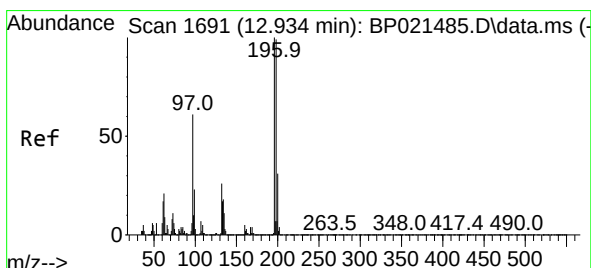
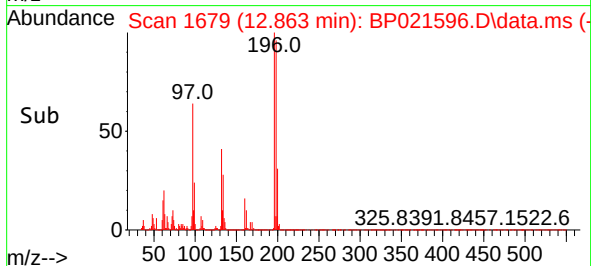
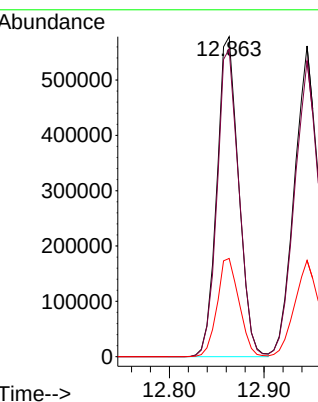
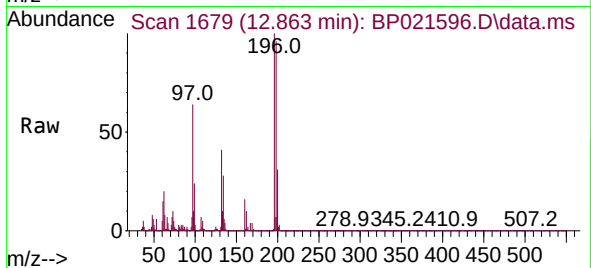
200 30.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#44

2,4,5-Trichlorophenol

Concen: 53.233 ng

RT: 12.945 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Tgt Ion:196 Resp: 1001252

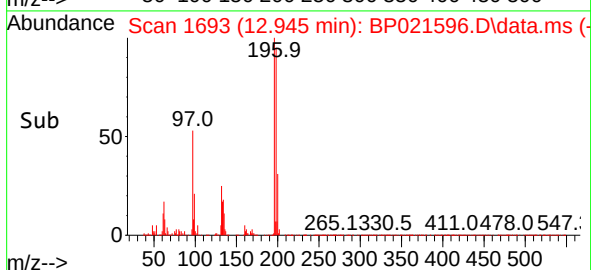
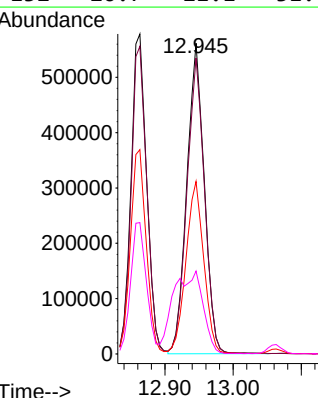
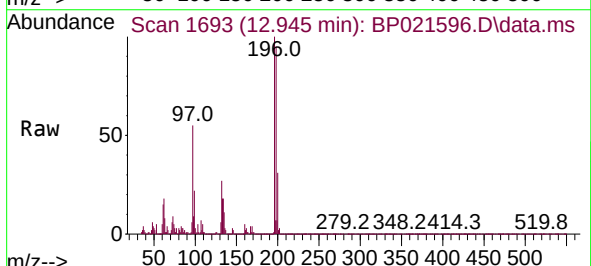
Ion Ratio Lower Upper

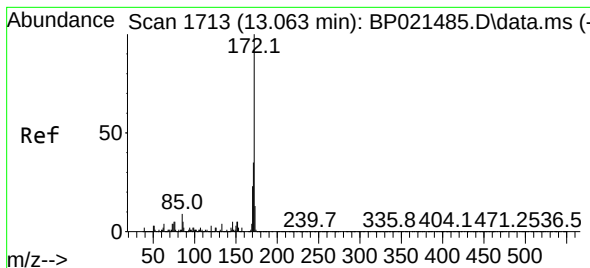
196 100

198 95.3 78.9 118.3

97 55.5 49.4 74.0

132 26.7 21.1 31.7





#45
2-Fluorobiphenyl
Concen: 77.393 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

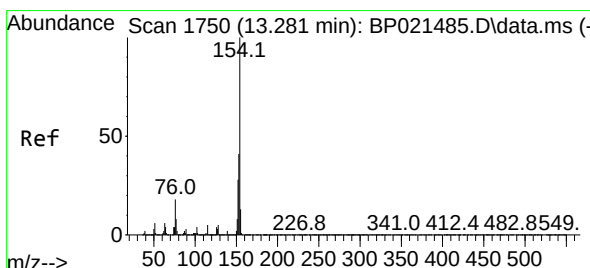
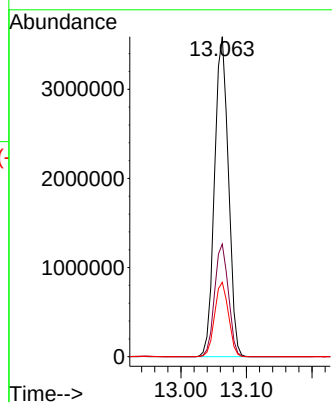
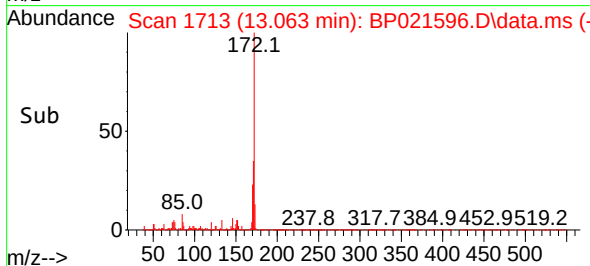
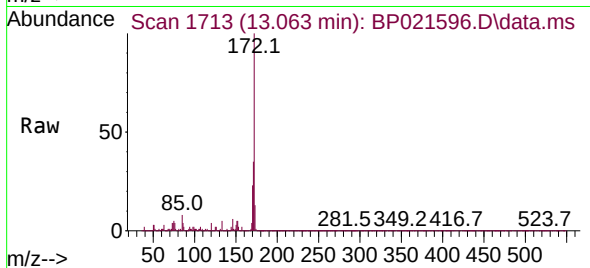
PB162717BS

Tgt Ion:172 Resp: 527462
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.2 18.4 27.6

Manual Integrations

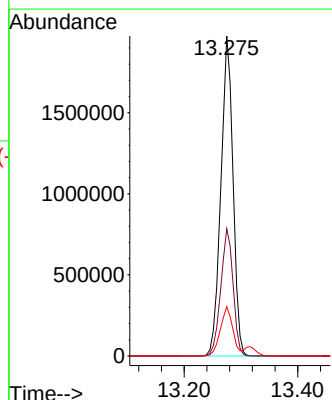
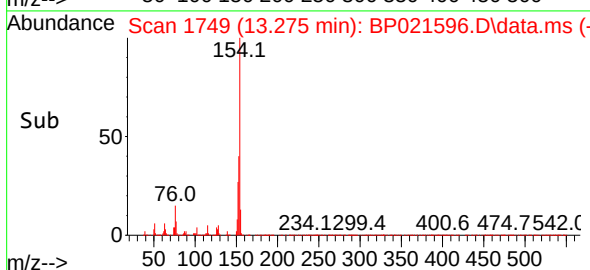
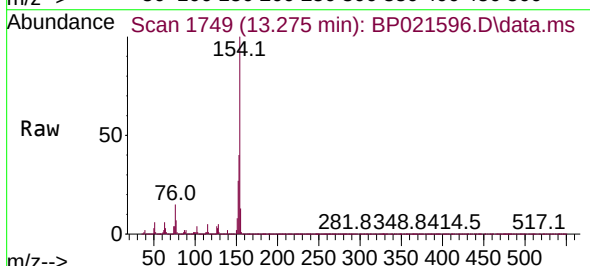
APPROVED

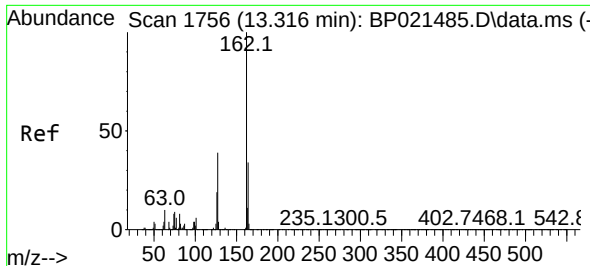
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#46
1,1'-Biphenyl
Concen: 39.796 ng
RT: 13.275 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:154 Resp: 2928590
Ion Ratio Lower Upper
154 100
153 39.7 20.7 60.7
76 15.4 0.0 37.7





#47
2-Chloronaphthalene
Concen: 42.280 ng
RT: 13.316 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

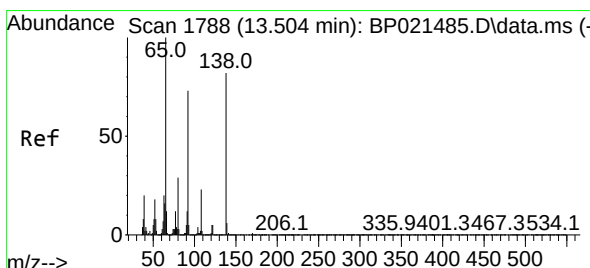
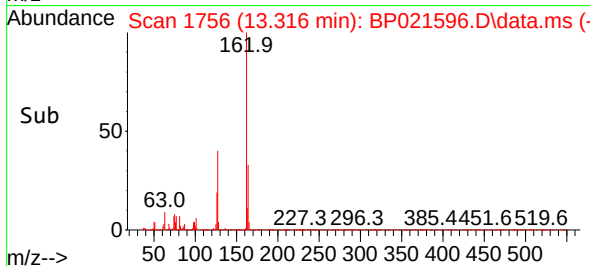
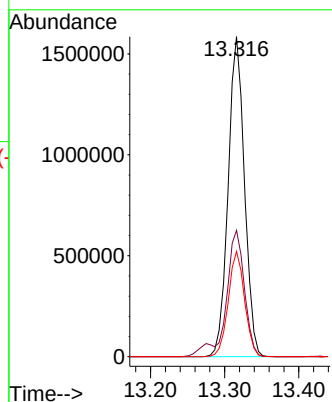
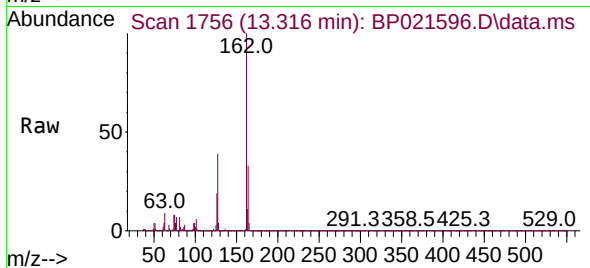
PB162717BS

Tgt Ion:162 Resp: 2422354
Ion Ratio Lower Upper
162 100
127 39.5 31.9 47.9
164 32.9 26.8 40.2

Manual Integrations

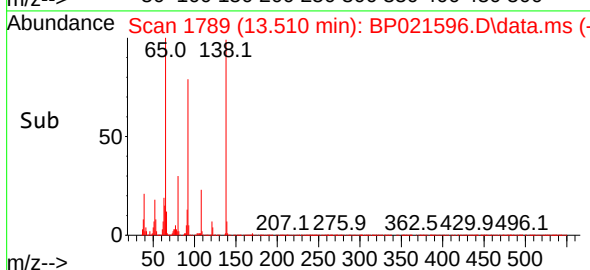
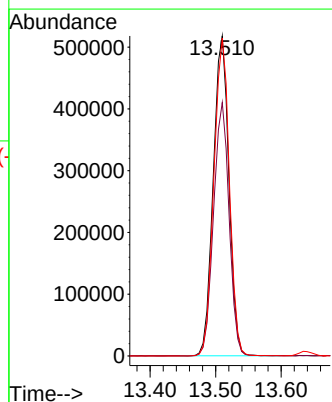
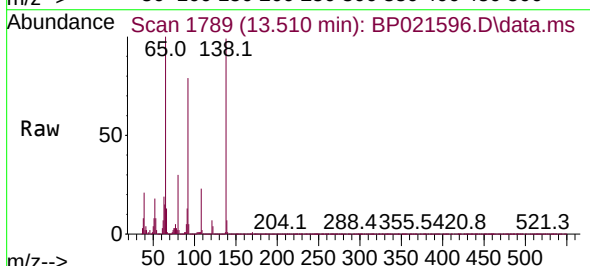
APPROVED

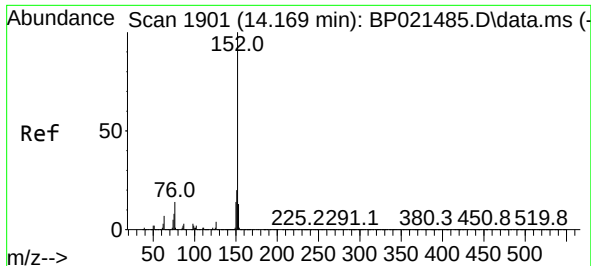
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#48
2-Nitroaniline
Concen: 52.708 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion: 65 Resp: 855436
Ion Ratio Lower Upper
65 100
92 79.2 58.1 87.1
138 99.3 65.5 98.3#





#49
Acenaphthylene
Concen: 47.645 ng
RT: 14.169 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

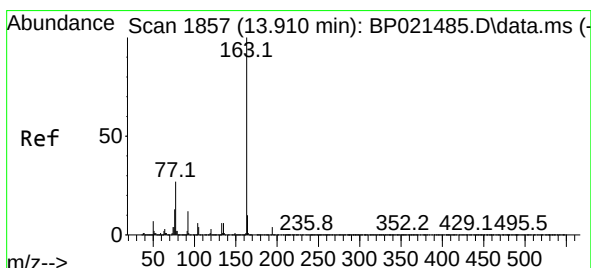
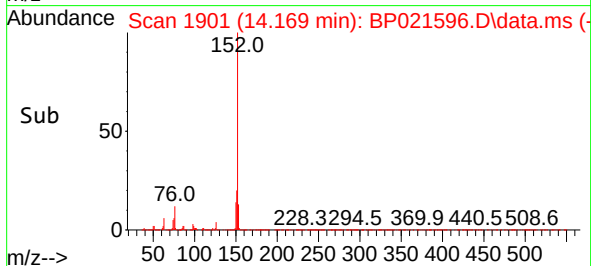
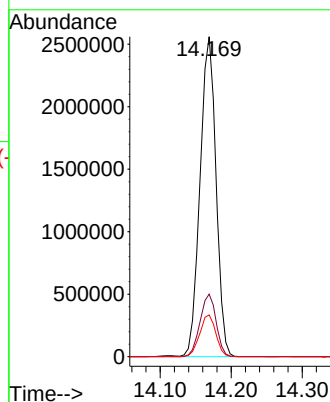
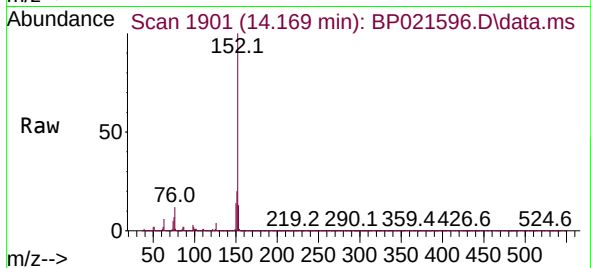
PB162717BS

Tgt Ion:152 Resp: 401282
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.1 10.6 16.0

Manual Integrations

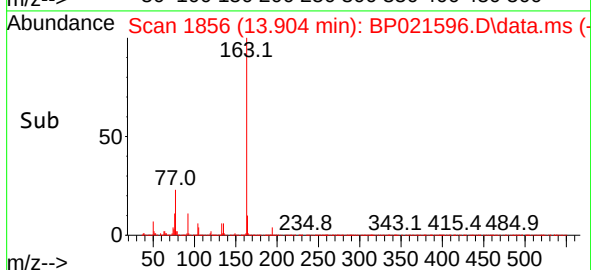
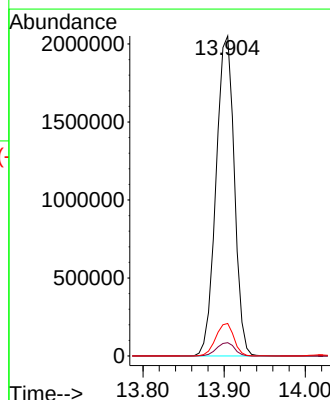
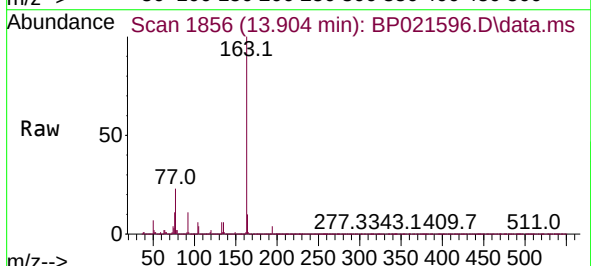
APPROVED

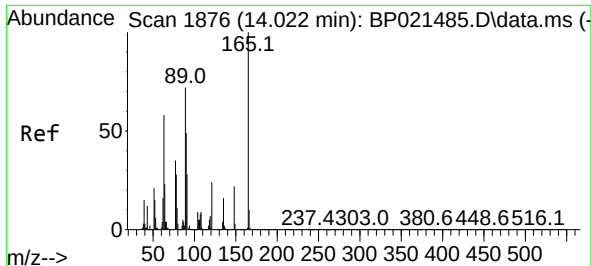
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#50
Dimethylphthalate
Concen: 46.084 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:163 Resp: 3210075
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 50.199 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

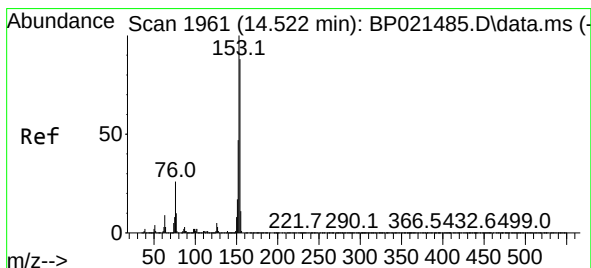
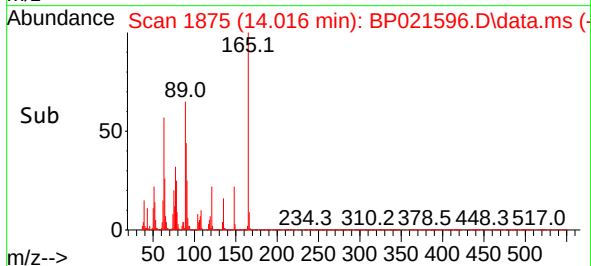
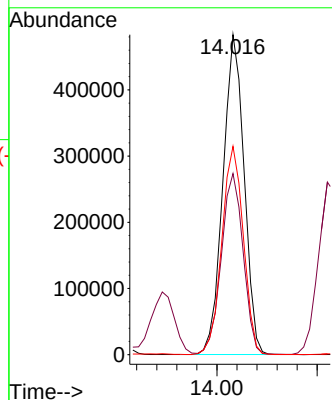
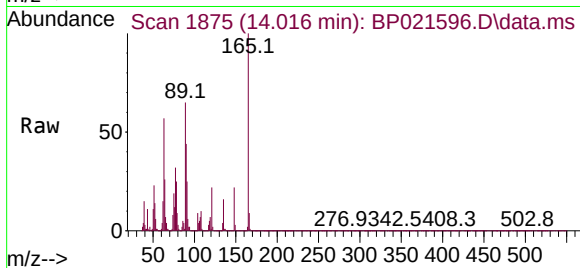
PB162717BS

Tgt Ion:165 Resp: 708240
Ion Ratio Lower Upper
165 100
63 56.6 51.5 77.3
89 65.1 57.8 86.8

Manual Integrations

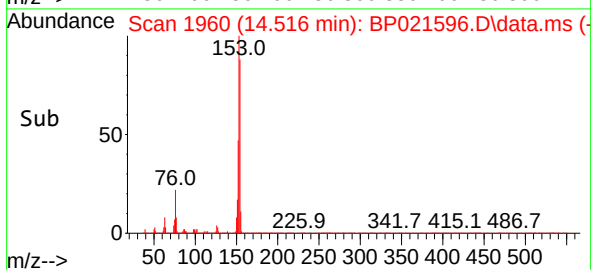
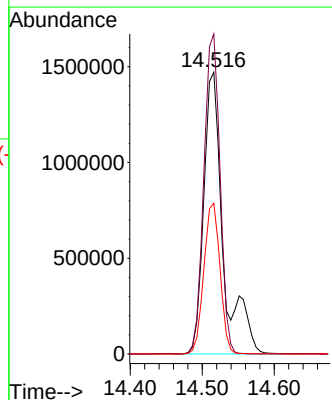
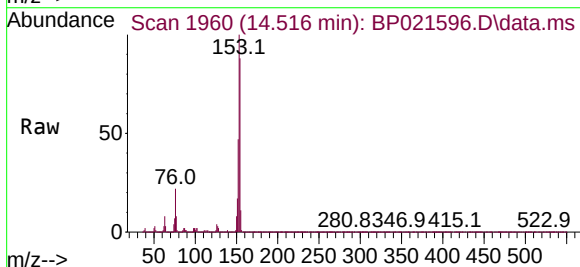
APPROVED

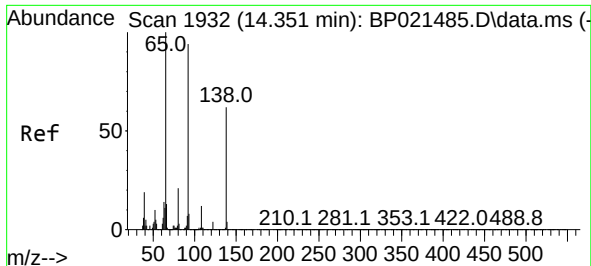
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#52
Acenaphthene
Concen: 50.095 ng m
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

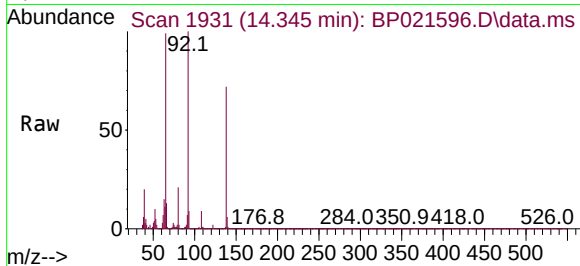
Tgt Ion:154 Resp: 2768369
Ion Ratio Lower Upper
154 100
153 113.6 91.1 136.7
152 53.5 43.0 64.4





#53
3-Nitroaniline
Concen: 43.648 ng
RT: 14.345 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

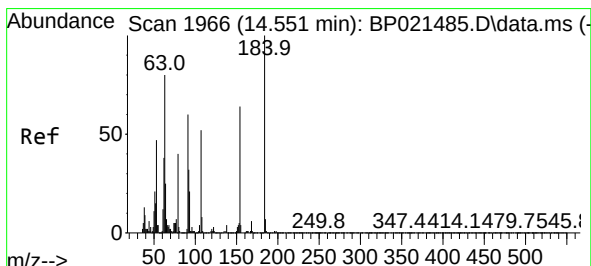
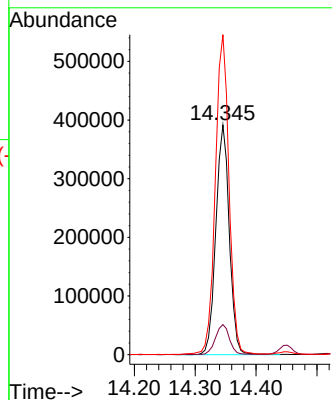
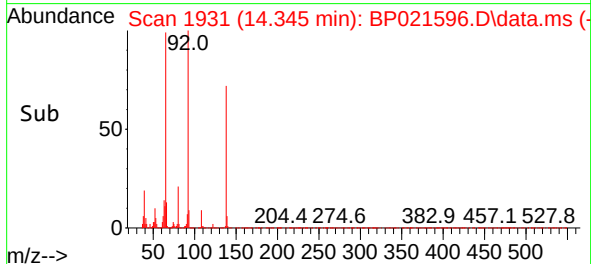
Instrument :
BNA_P
ClientSampleId :
PB162717BS



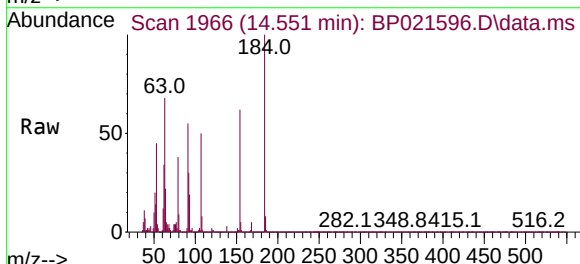
Tgt Ion:138 Resp: 597584
Ion Ratio Lower Upper
138 100
108 13.1 16.2 24.4
92 139.4 122.2 183.4

Manual Integrations
APPROVED

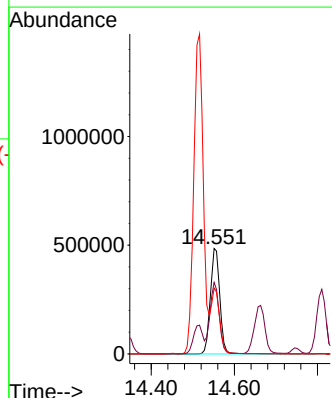
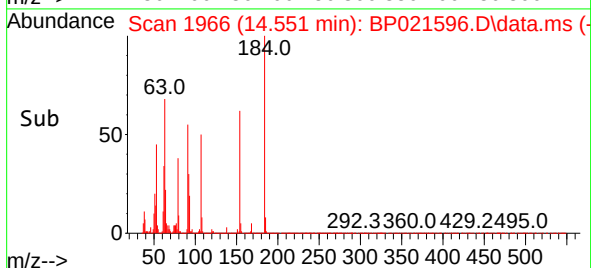
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

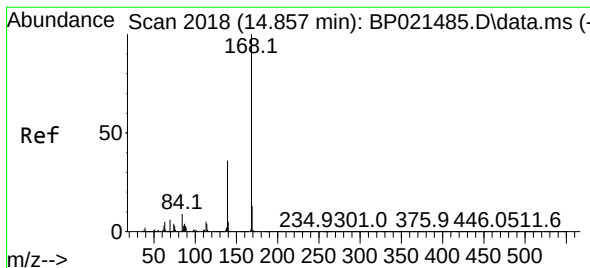


#54
2,4-Dinitrophenol
Concen: 122.237 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52



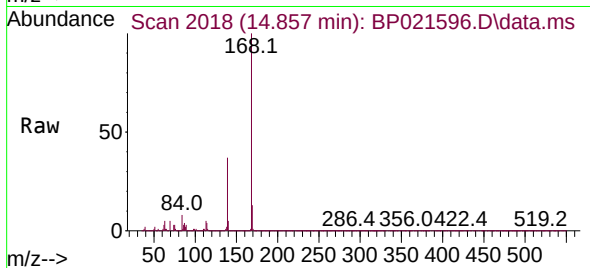
Tgt Ion:184 Resp: 767324
Ion Ratio Lower Upper
184 100
63 67.8 64.9 97.3
154 62.5 52.1 78.1





#55
Dibenzofuran
Concen: 44.715 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

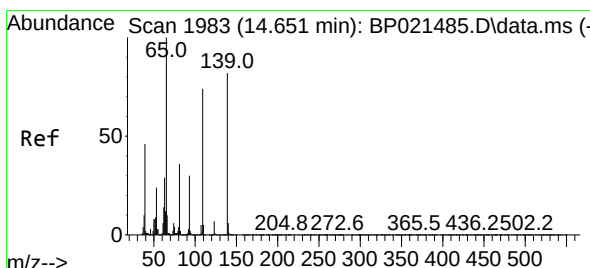
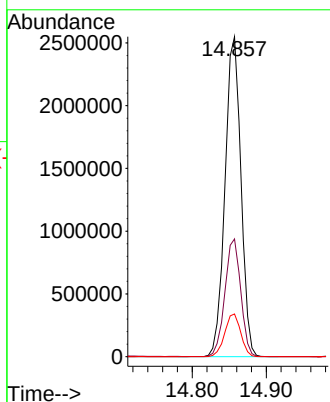
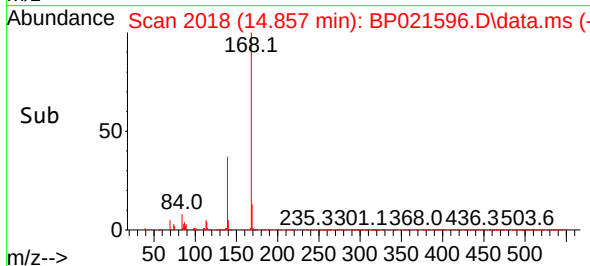
Instrument :
BNA_P
ClientSampleId :
PB162717BS



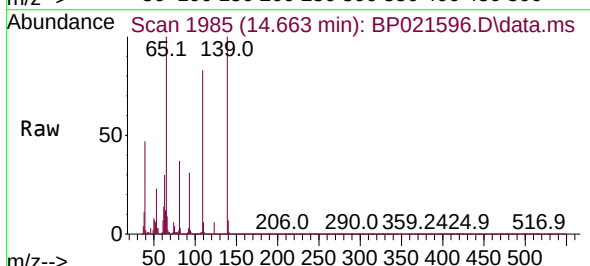
Tgt Ion:168 Resp: 380127
Ion Ratio Lower Upper
168 100
139 36.8 28.6 43.0
169 13.4 10.6 16.0

Manual Integrations
APPROVED

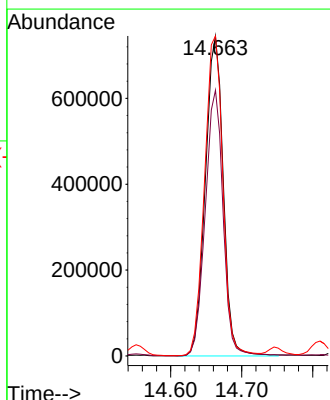
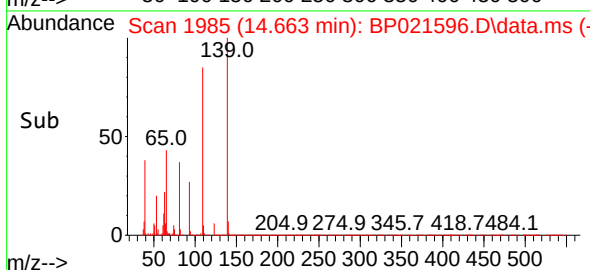
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

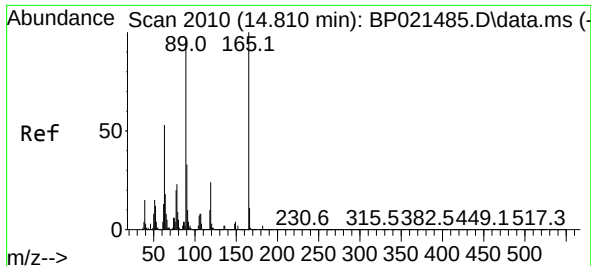


#56
4-Nitrophenol
Concen: 110.865 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52



Tgt Ion:139 Resp: 1304945
Ion Ratio Lower Upper
139 100
109 83.1 70.2 110.2
65 100.0 101.8 141.8#





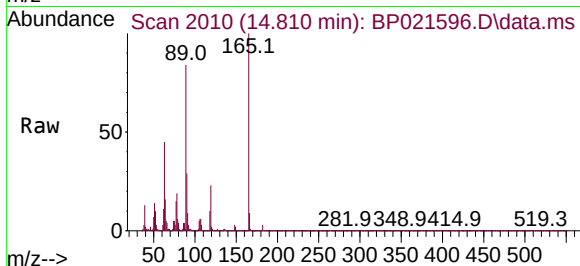
#57
2,4-Dinitrotoluene
Concen: 55.596 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

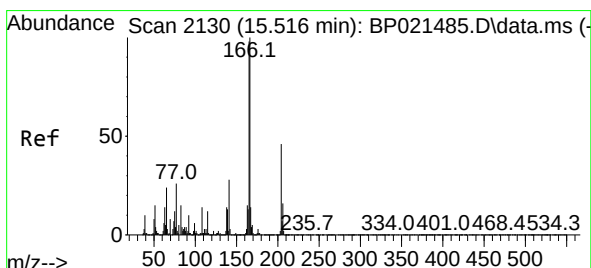
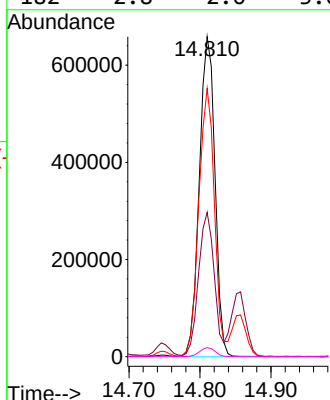
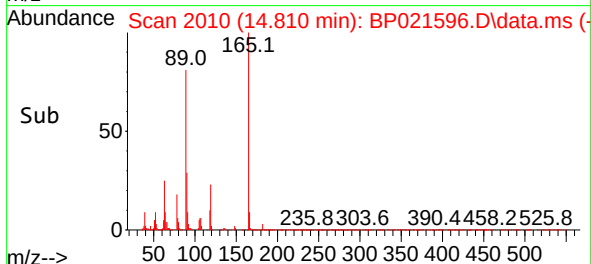


Tgt Ion:165 Resp: 100957
Ion Ratio Lower Upper
165 100
63 45.1 42.5 63.7
89 83.9 77.1 115.7
182 2.8 2.0 3.0

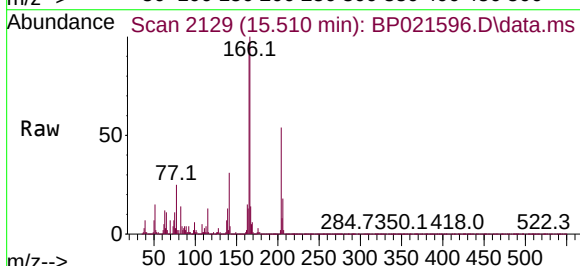
Manual Integrations

APPROVED

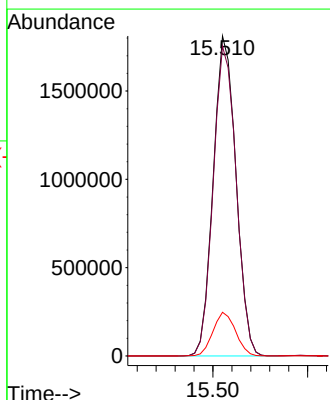
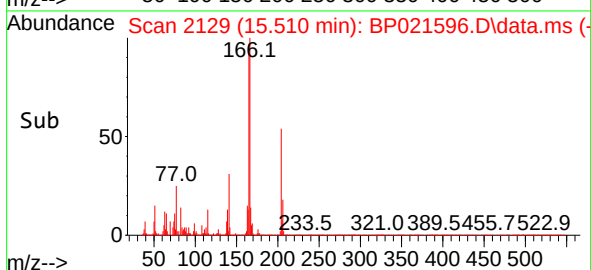
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

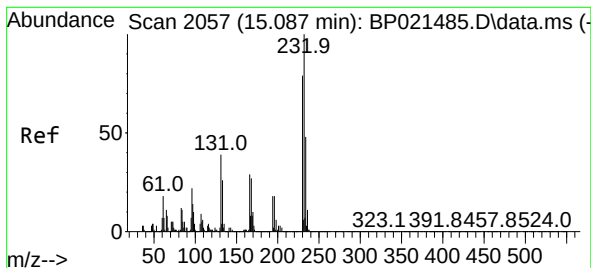


#58
Fluorene
Concen: 43.279 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52



Tgt Ion:166 Resp: 3022535
Ion Ratio Lower Upper
166 100
165 96.8 78.1 117.1
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.959 ng
RT: 15.081 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

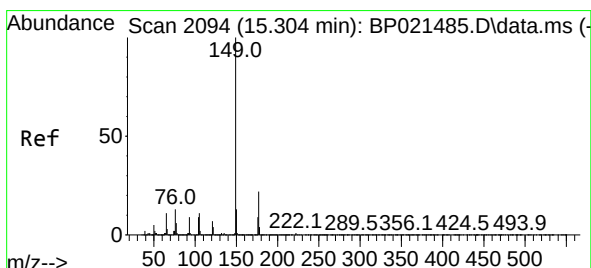
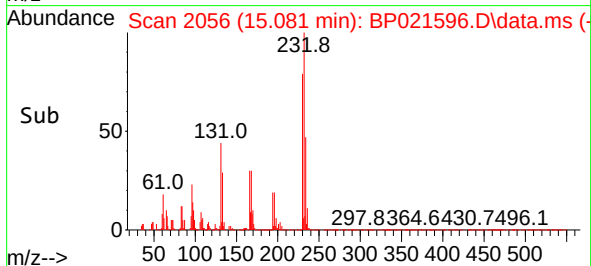
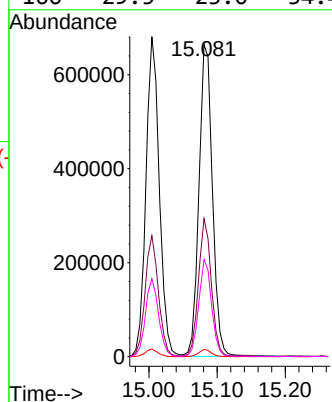
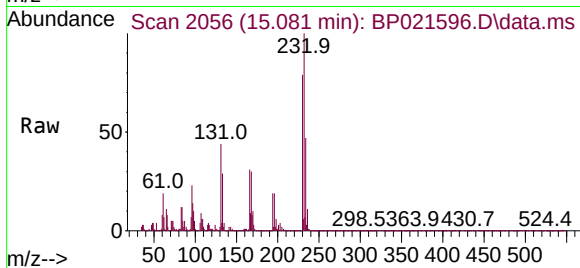
PB162717BS

Tgt Ion:232 Resp: 90933
Ion Ratio Lower Upper
232 100
131 41.5 33.1 49.7
130 2.2 1.7 2.5
166 29.5 23.0 34.4

Manual Integrations

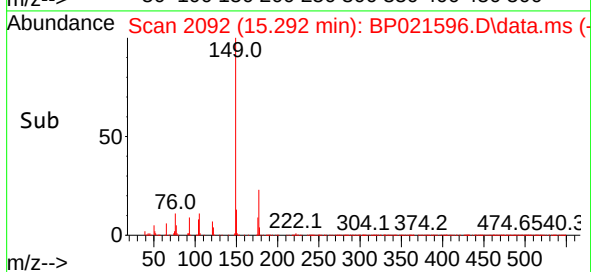
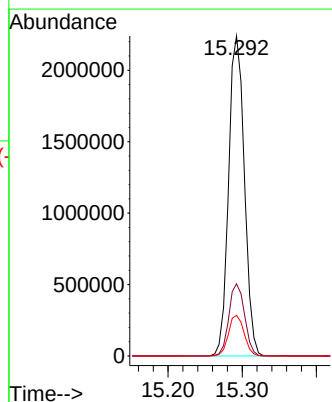
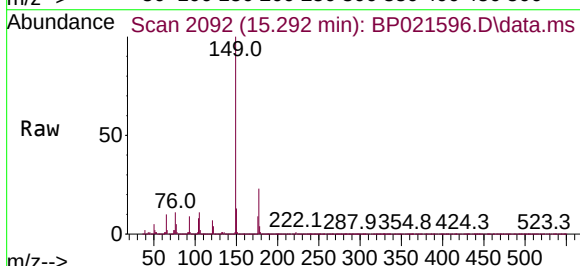
APPROVED

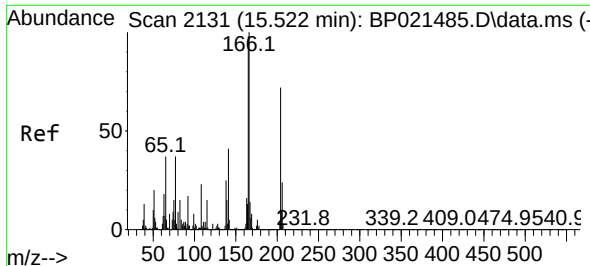
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#60
Diethylphthalate
Concen: 46.211 ng
RT: 15.292 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

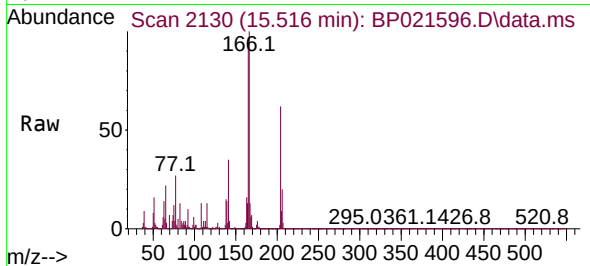
Tgt Ion:149 Resp: 3302718
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.466 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

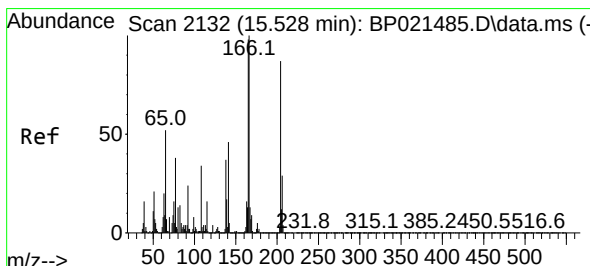
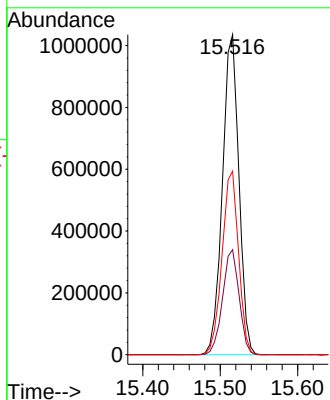
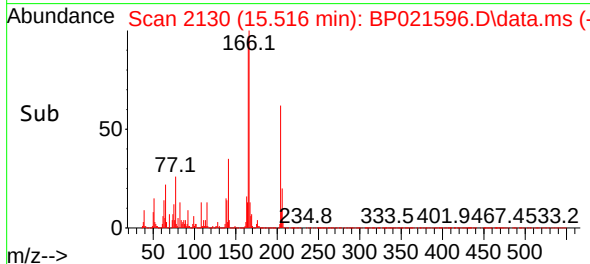
Instrument :
BNA_P
ClientSampleId :
PB162717BS



Tgt Ion:204 Resp: 153302
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 57.4 46.1 69.1

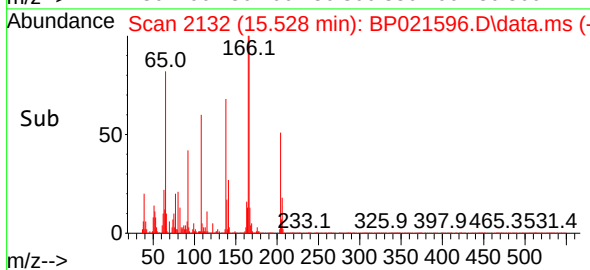
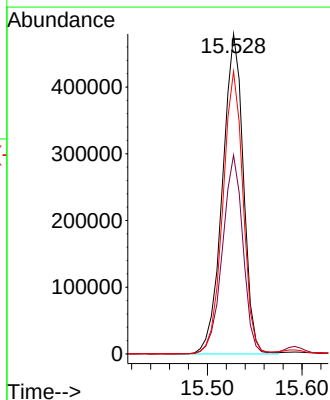
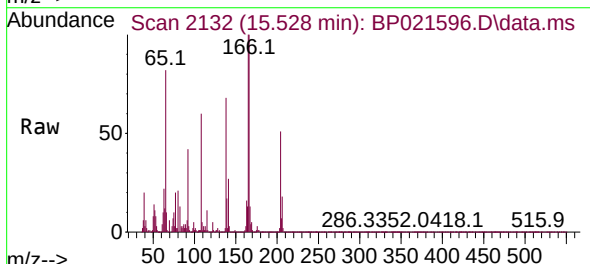
Manual Integrations
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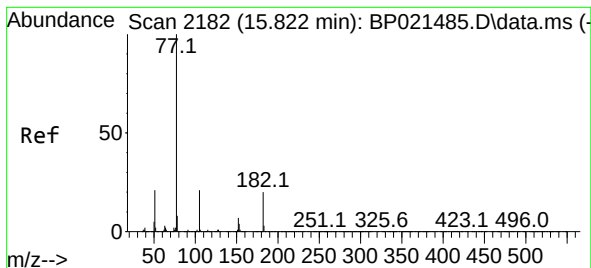
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#62
4-Nitroaniline
Concen: 51.518 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:138 Resp: 734847
Ion Ratio Lower Upper
138 100
92 62.2 46.4 86.4
108 88.3 73.2 113.2





#63

Azobenzene

Concen: 40.216 ng

RT: 15.810 min Scan# 2182

Delta R.T. -0.012 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion: 77 Resp: 353319

Ion Ratio Lower Upper

77 100

182 22.1 0.0 39.9

105 22.9 0.9 40.9

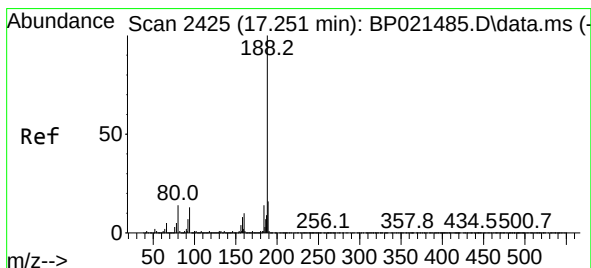
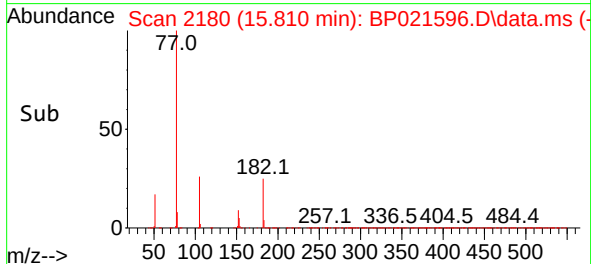
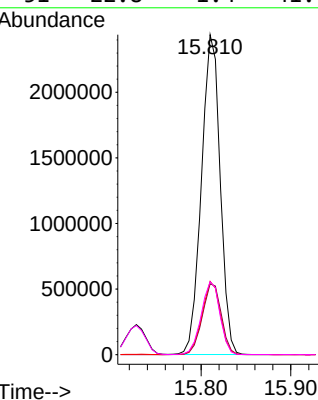
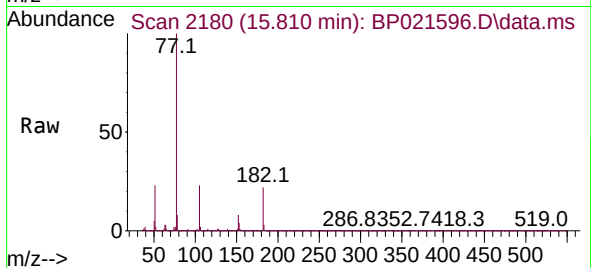
51 22.8 1.4 41.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

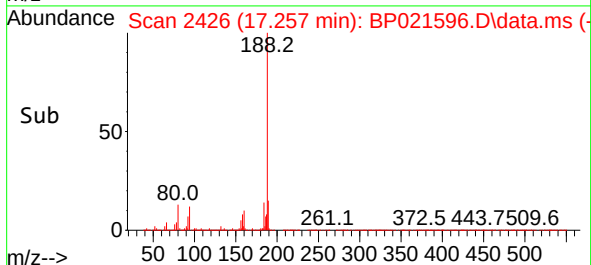
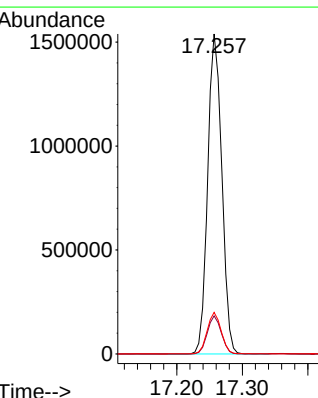
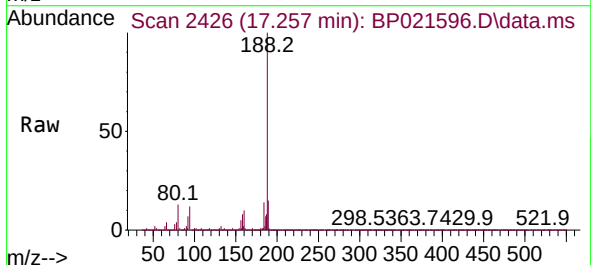
Tgt Ion:188 Resp: 2287402

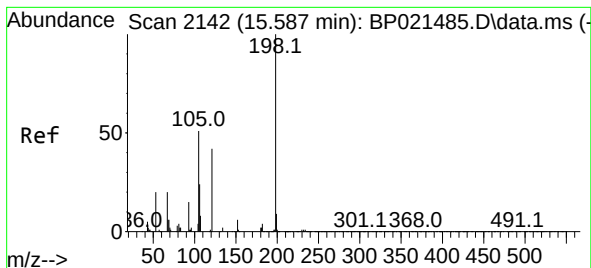
Ion Ratio Lower Upper

188 100

94 11.9 10.2 15.4

80 13.0 11.6 17.4





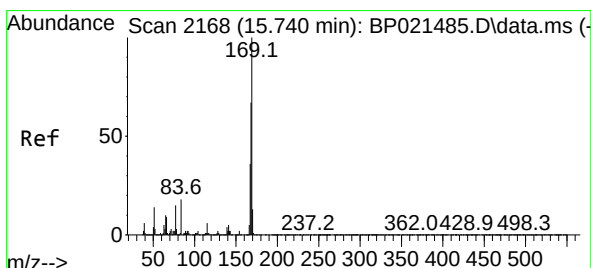
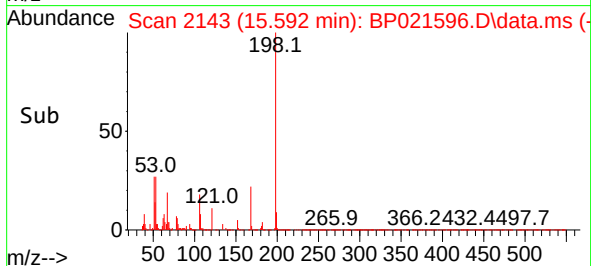
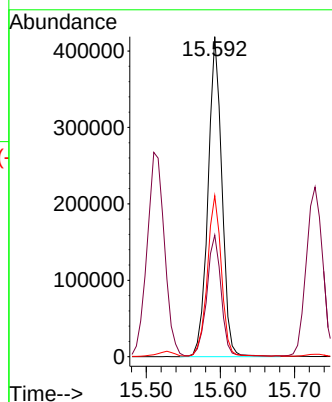
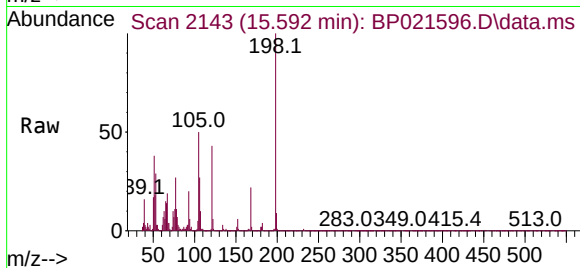
#65
4,6-Dinitro-2-methylphenol
Concen: 68.095 ng
RT: 15.592 min Scan# 2143
Delta R.T. 0.005 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :
BNA_P
ClientSampleId :
PB162717BS

Tgt Ion:198 Resp: 542870
Ion Ratio Lower Upper
198 100
51 38.0 21.5 61.5
105 50.3 32.9 72.9

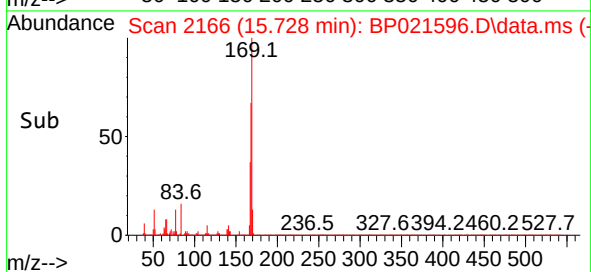
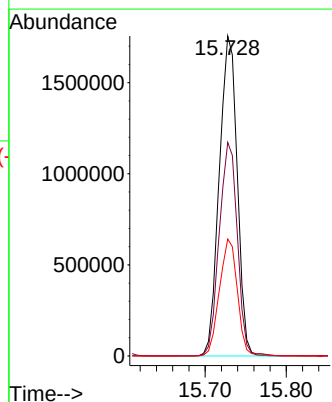
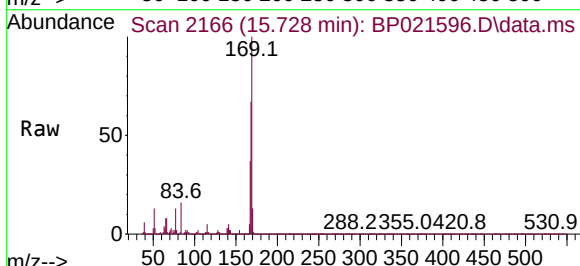
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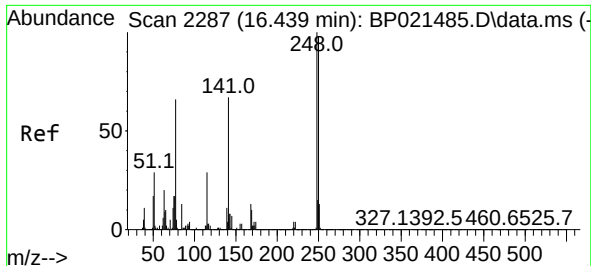
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#66
n-Nitrosodiphenylamine
Concen: 44.065 ng
RT: 15.728 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:169 Resp: 2701126
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 36.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 42.560 ng
RT: 16.428 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

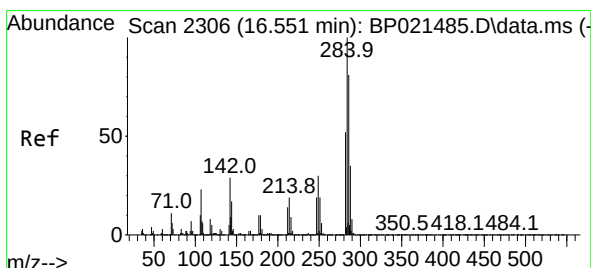
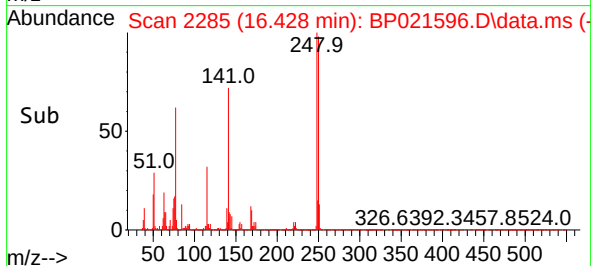
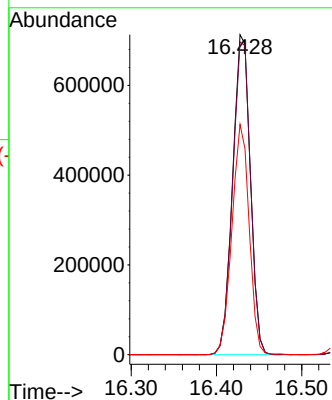
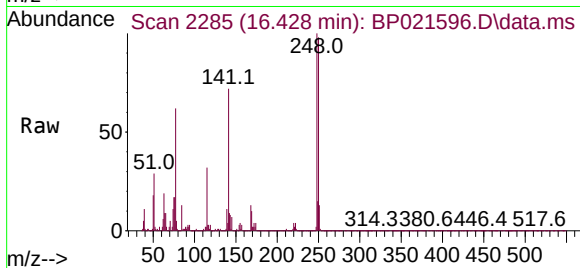
Tgt Ion:248 Resp: 103033
Ion Ratio Lower Upper
248 100
250 97.8 78.6 117.8
141 71.9 53.9 80.9

Manual Integrations

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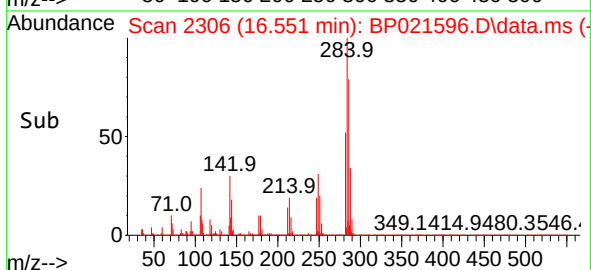
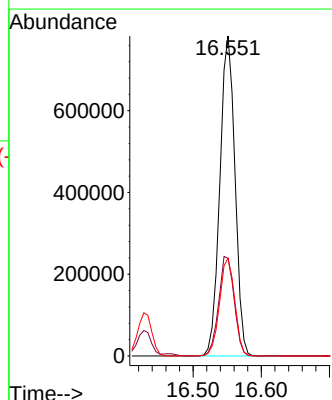
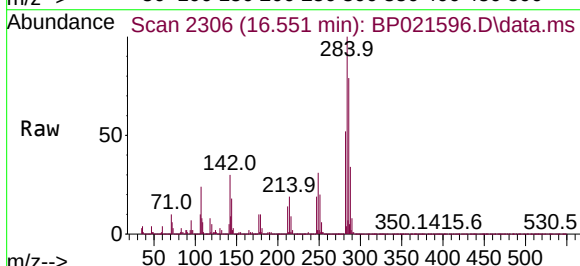
Reviewed By :Yogesh Patel 08/22/2024

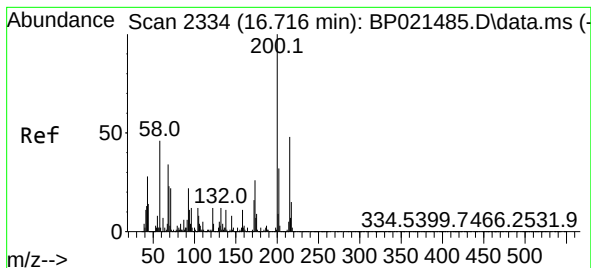
Supervised By :mohammad ahmed 08/22/2024



#68
Hexachlorobenzene
Concen: 42.211 ng
RT: 16.551 min Scan# 2306
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:284 Resp: 1207612
Ion Ratio Lower Upper
284 100
142 30.5 23.4 35.2
249 30.6 24.1 36.1





#69

Atrazine

Concen: 40.584 ng

RT: 16.710 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:200 Resp: 85412

Ion Ratio Lower Upper

200 100

173 26.7 6.2 46.2

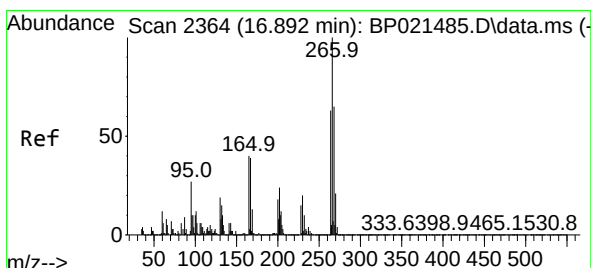
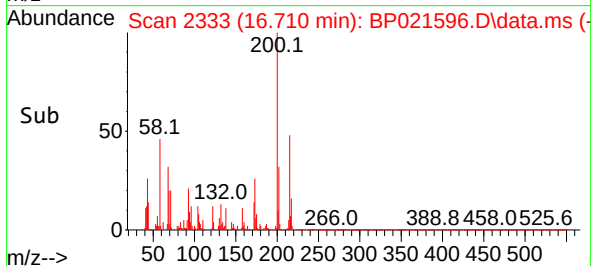
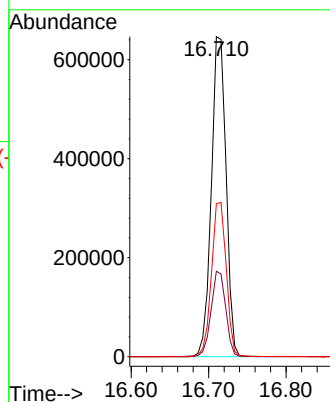
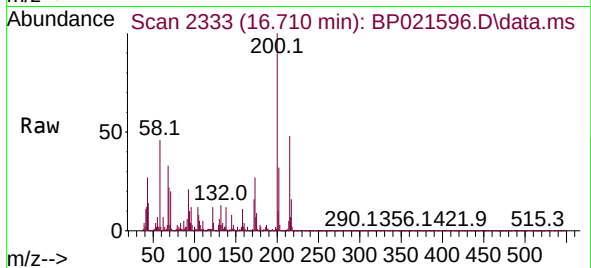
215 47.8 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#70

Pentachlorophenol

Concen: 102.580 ng

RT: 16.898 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

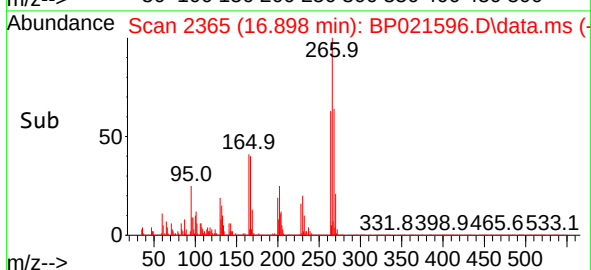
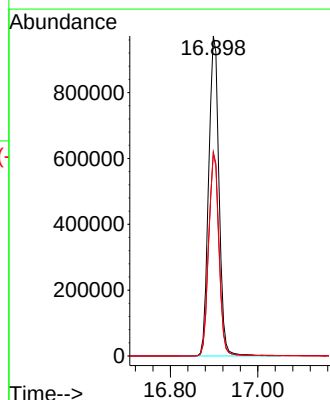
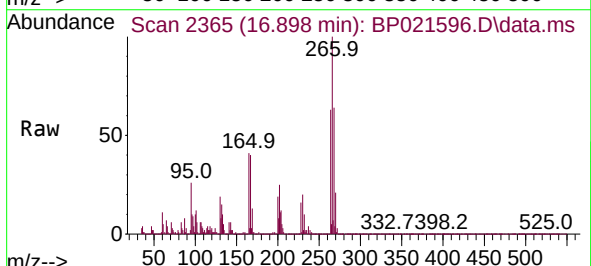
Tgt Ion:266 Resp: 1601782

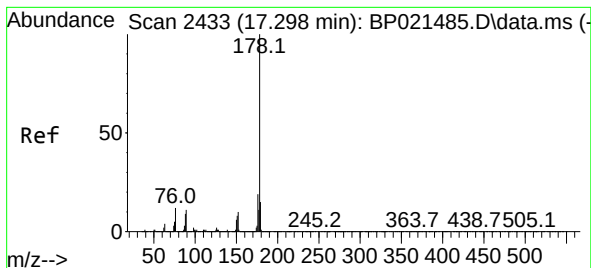
Ion Ratio Lower Upper

266 100

268 63.7 51.8 77.6

264 63.3 50.5 75.7





#71

Phenanthrene

Concen: 44.839 ng

RT: 17.304 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:178 Resp: 493253

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

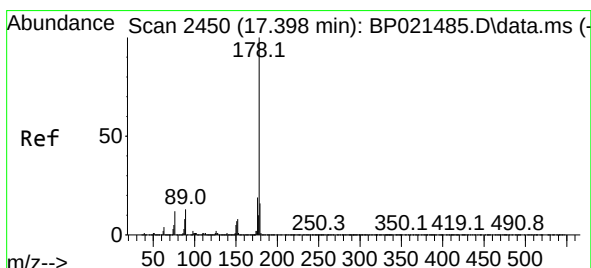
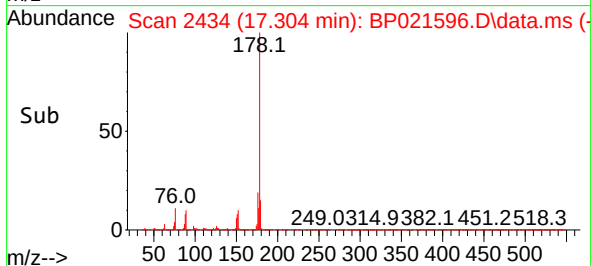
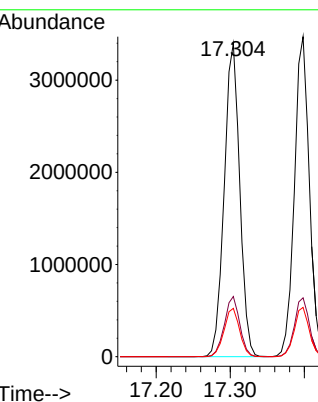
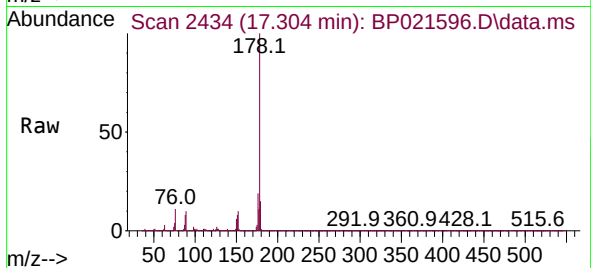
179 15.4 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#72

Anthracene

Concen: 44.885 ng

RT: 17.398 min Scan# 2450

Delta R.T. -0.000 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

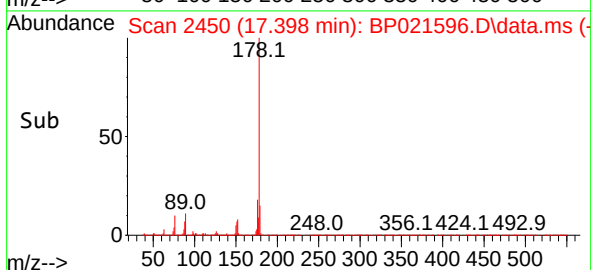
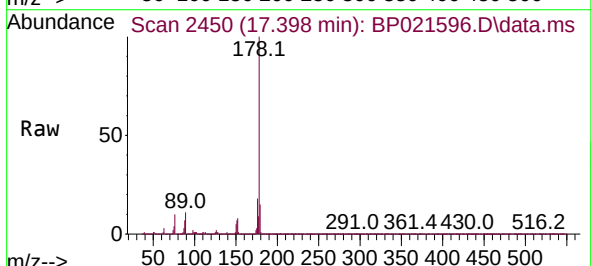
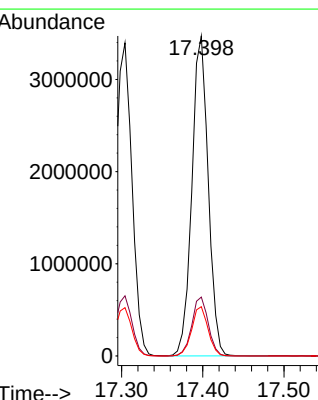
Tgt Ion:178 Resp: 4842423

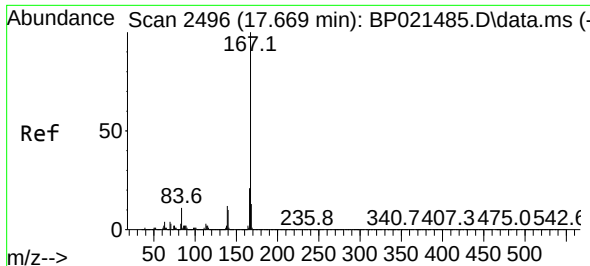
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

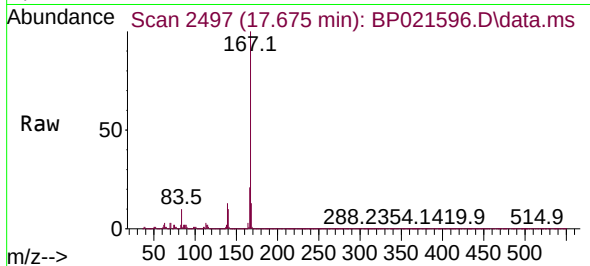
179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 45.113 ng
 RT: 17.675 min Scan# 2496
 Delta R.T. 0.006 min
 Lab File: BP021596.D
 Acq: 21 Aug 2024 13:52

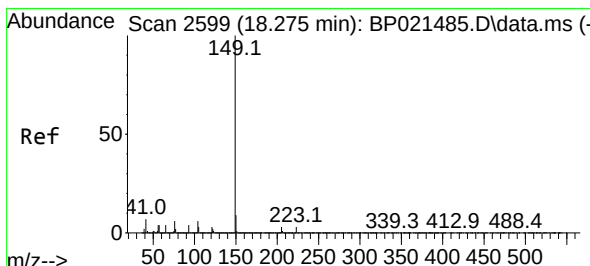
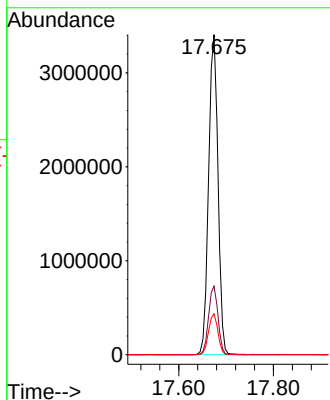
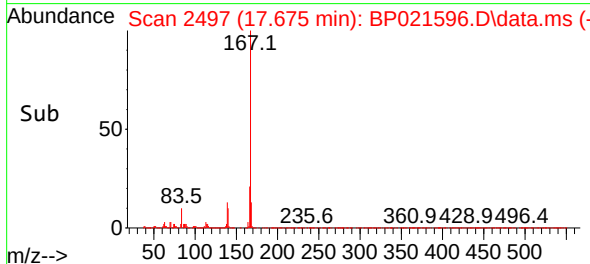
Instrument :
 BNA_P
 ClientSampleId :
 PB162717BS



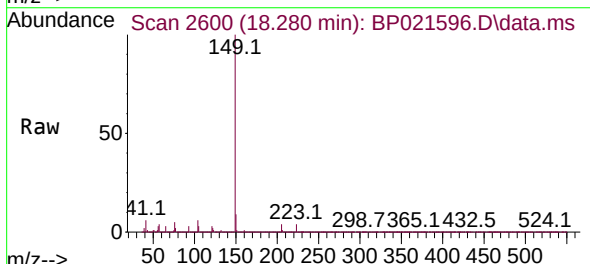
Tgt Ion:167 Resp: 4690439
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 12.7 9.9 14.9

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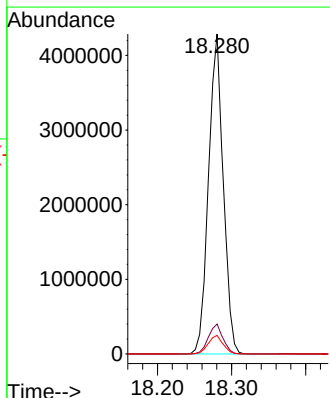
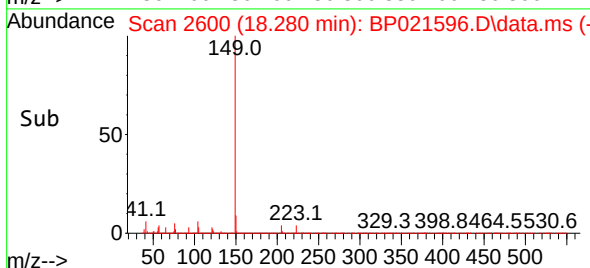
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

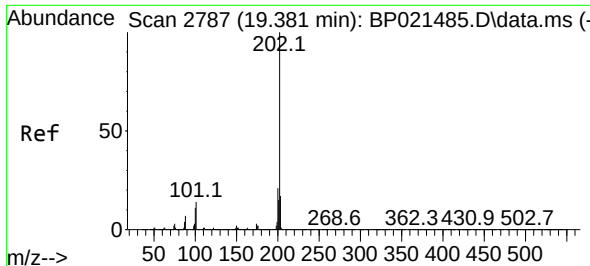


#74
 Di-n-butylphthalate
 Concen: 46.261 ng
 RT: 18.280 min Scan# 2600
 Delta R.T. 0.006 min
 Lab File: BP021596.D
 Acq: 21 Aug 2024 13:52



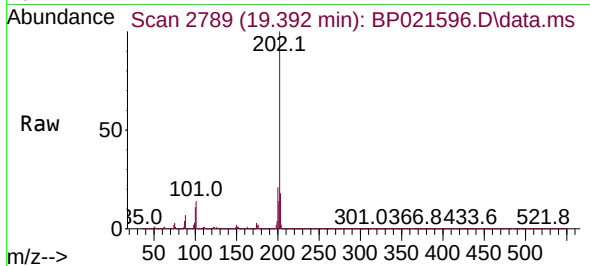
Tgt Ion:149 Resp: 5906986
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.8 4.9 7.3





#75
Fluoranthene
Concen: 43.676 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

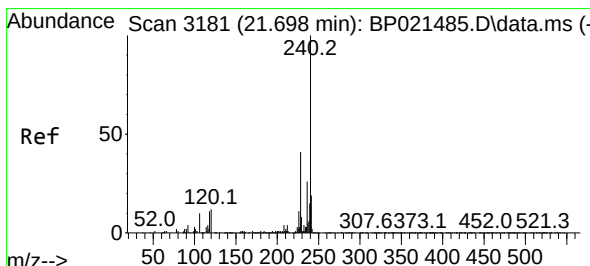
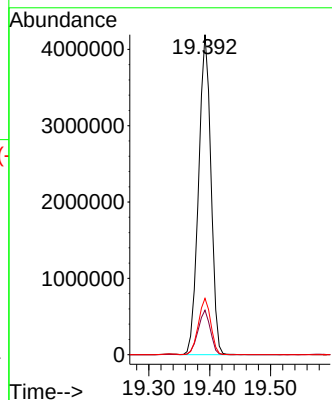
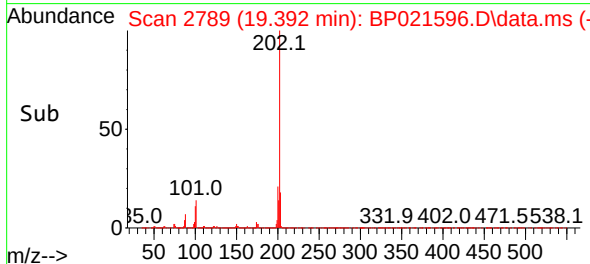
Instrument :
BNA_P
ClientSampleId :
PB162717BS



Tgt Ion:202 Resp: 5895234
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.0
203 17.6 0.0 37.5

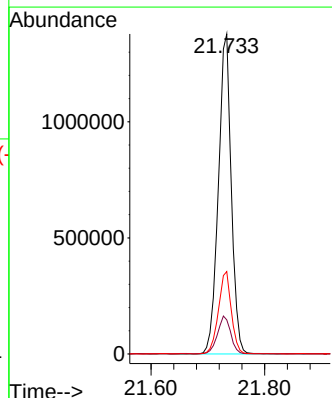
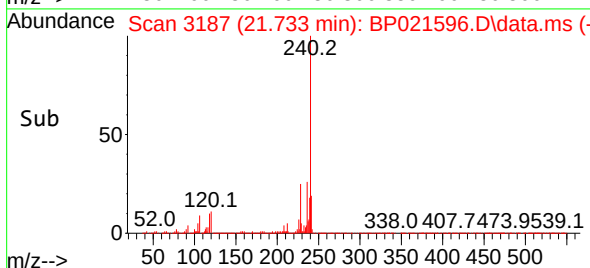
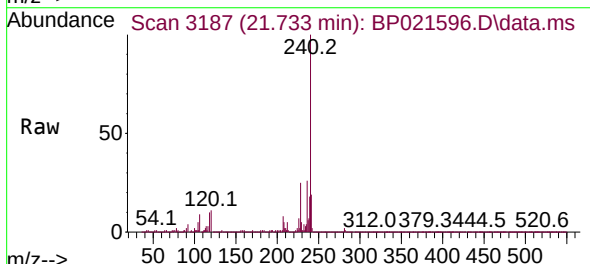
Manual Integrations
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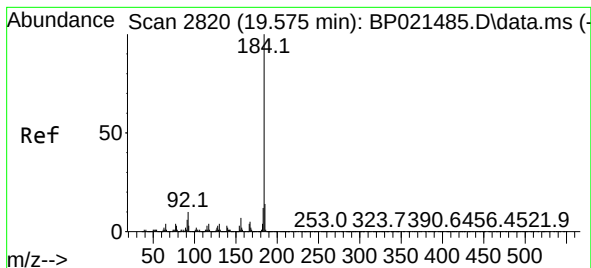
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3187
Delta R.T. 0.035 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:240 Resp: 2165693
Ion Ratio Lower Upper
240 100
120 10.7 9.9 14.9
236 25.8 20.6 30.8





#77

Benzidine

Concen: 23.491 ng

RT: 19.580 min Scan# 2820

Delta R.T. 0.005 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:184 Resp: 116046

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

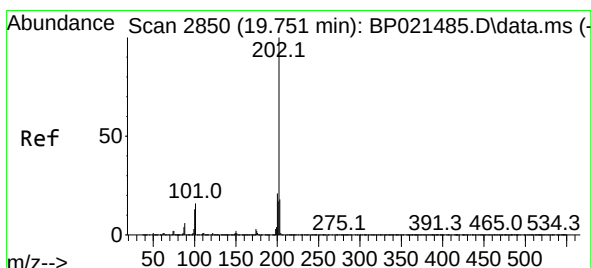
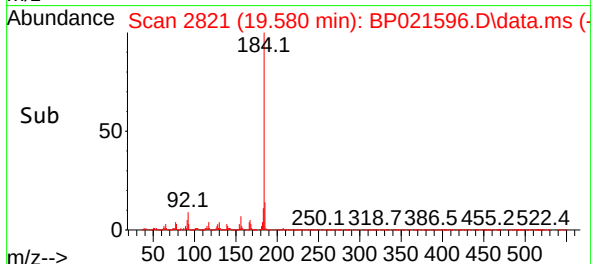
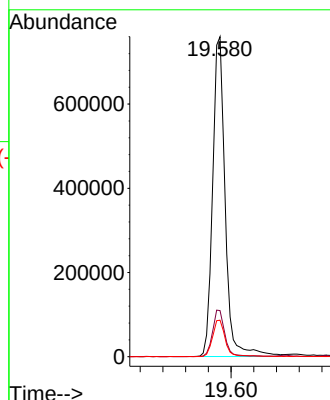
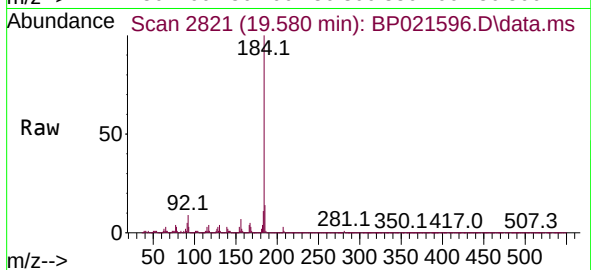
183 11.4 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#78

Pyrene

Concen: 44.032 ng

RT: 19.769 min Scan# 2853

Delta R.T. 0.018 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

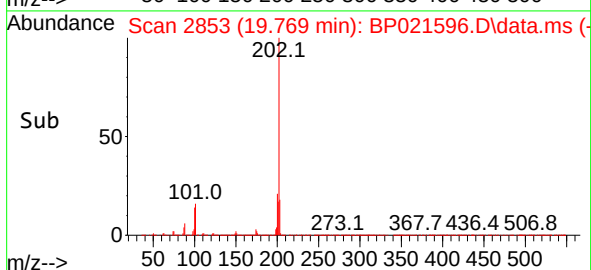
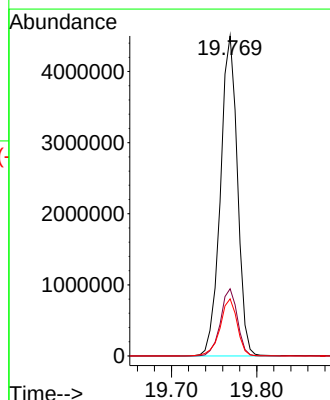
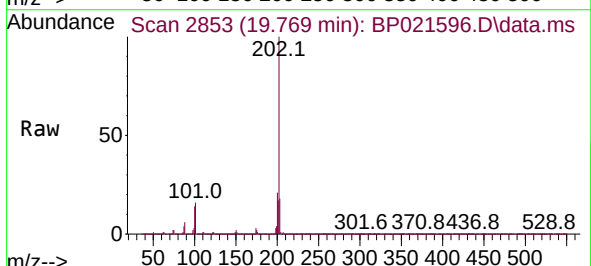
Tgt Ion:202 Resp: 6232922

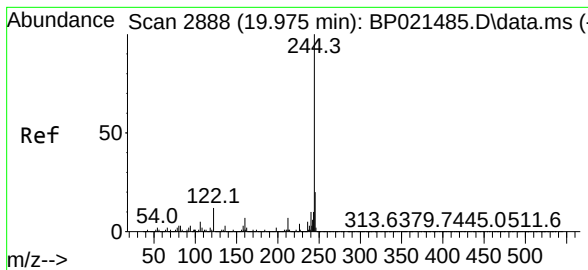
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.8 14.1 21.1





#79
 Terphenyl-d14
 Concen: 81.411 ng
 RT: 19.986 min Scan# 2888
 Delta R.T. 0.011 min
 Lab File: BP021596.D
 Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

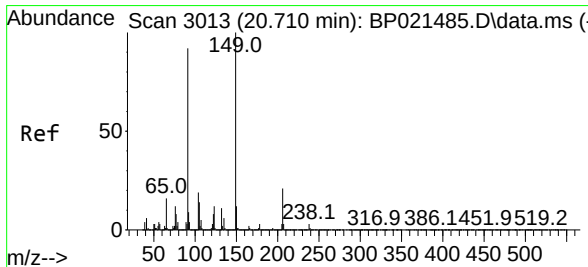
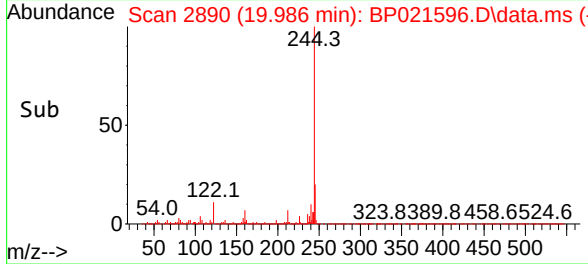
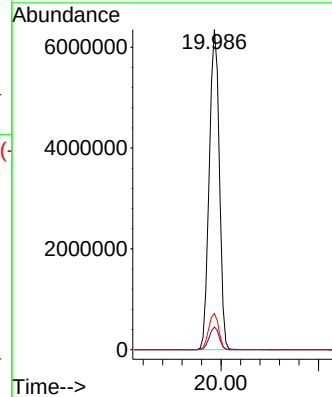
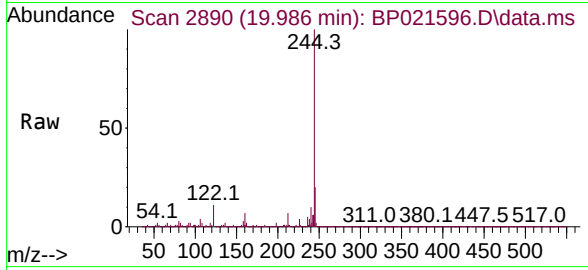
PB162717BS

Tgt Ion:244 Resp: 9075459
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.3 9.4 14.2

Manual Integrations

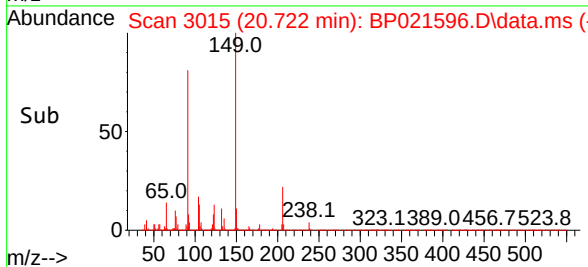
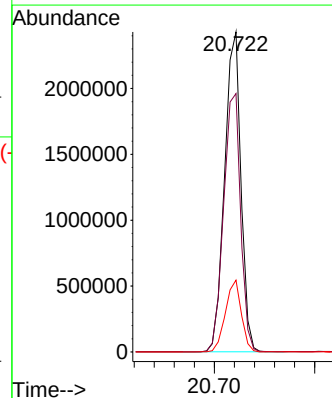
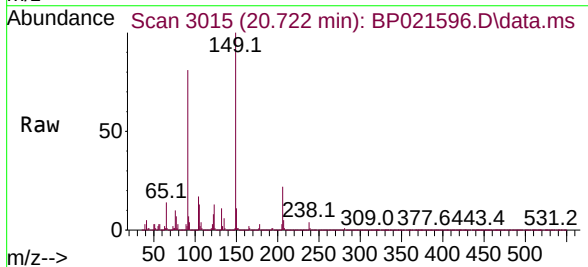
APPROVED

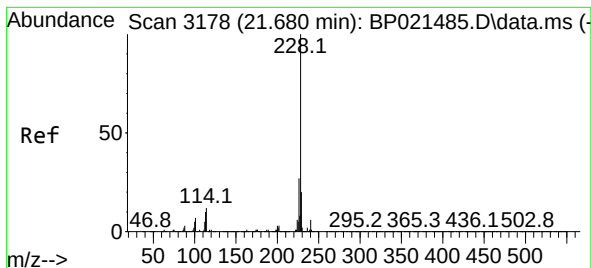
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024



#80
 Butylbenzylphthalate
 Concen: 50.749 ng
 RT: 20.722 min Scan# 3015
 Delta R.T. 0.012 min
 Lab File: BP021596.D
 Acq: 21 Aug 2024 13:52

Tgt Ion:149 Resp: 2738466
 Ion Ratio Lower Upper
 149 100
 91 80.8 73.3 109.9
 206 22.5 17.1 25.7





#81

Benzo(a)anthracene

Concen: 46.525 ng

RT: 21.710 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:228 Resp: 6325234

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

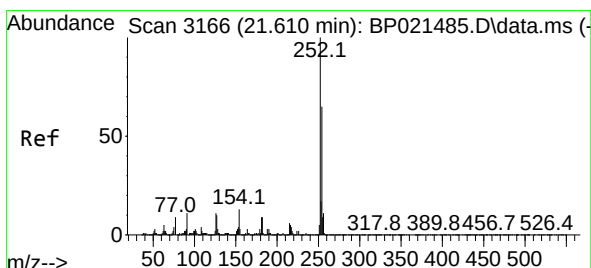
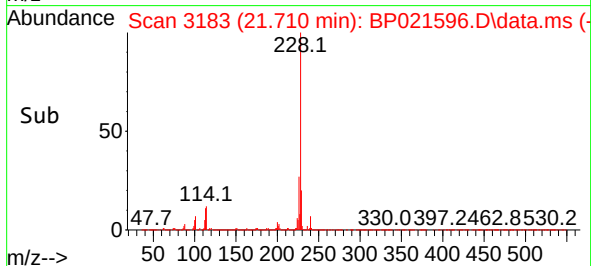
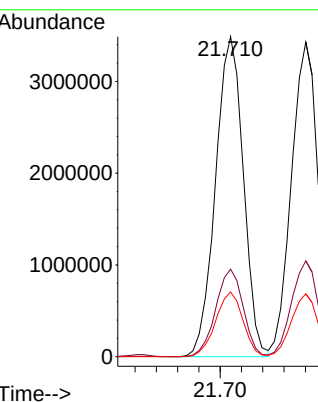
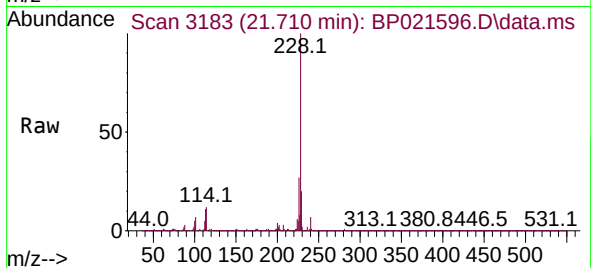
229 20.2 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#82

3,3'-Dichlorobenzidine

Concen: 43.543 ng

RT: 21.627 min Scan# 3169

Delta R.T. 0.018 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

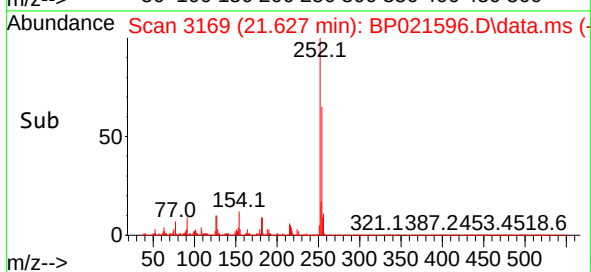
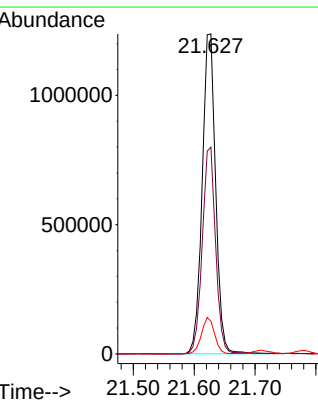
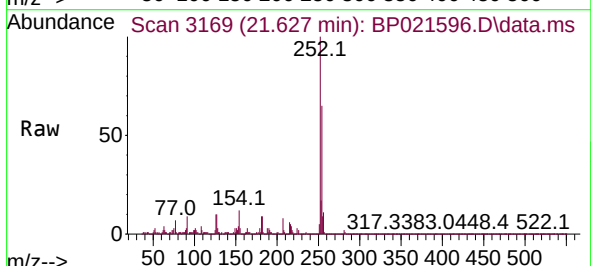
Tgt Ion:252 Resp: 1898042

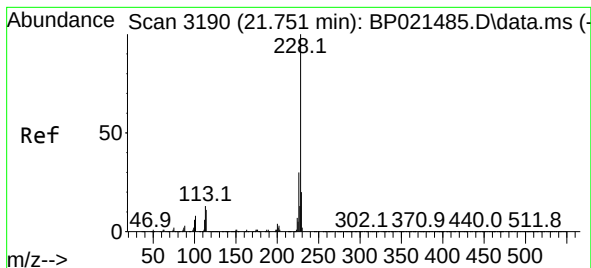
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 10.3 8.7 13.1





#83

Chrysene

Concen: 46.339 ng

RT: 21.780 min Scan# 3190

Delta R.T. 0.029 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:228 Resp: 5948120

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

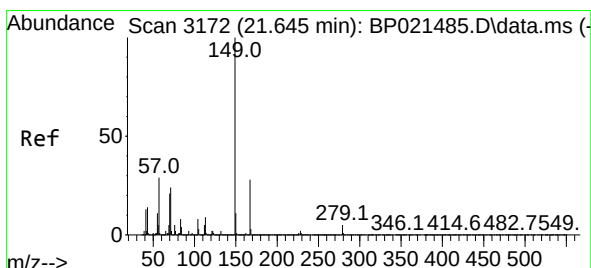
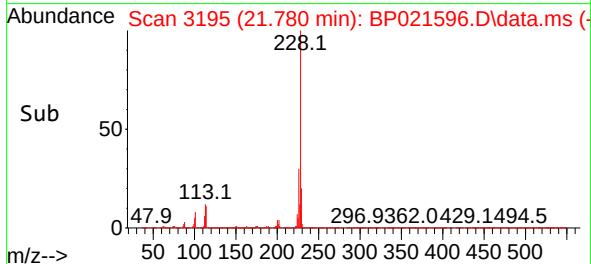
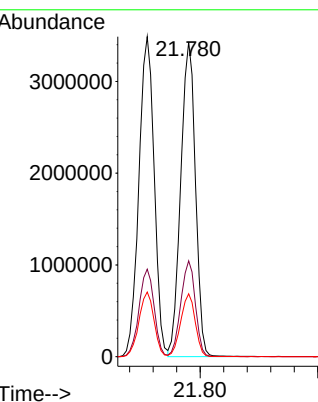
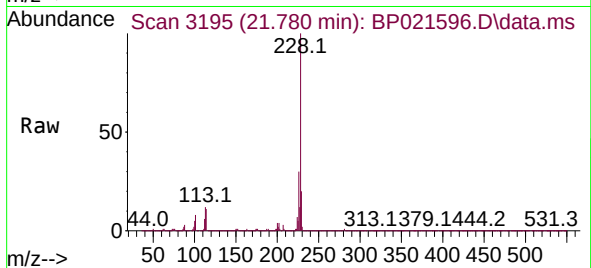
229 20.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.721 ng

RT: 21.657 min Scan# 3174

Delta R.T. 0.012 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

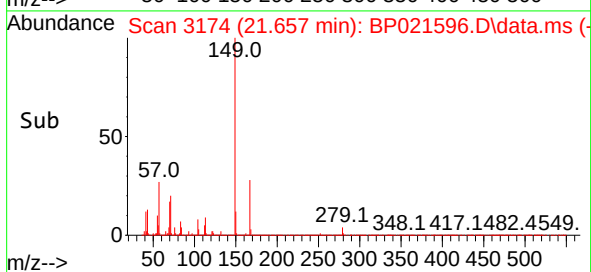
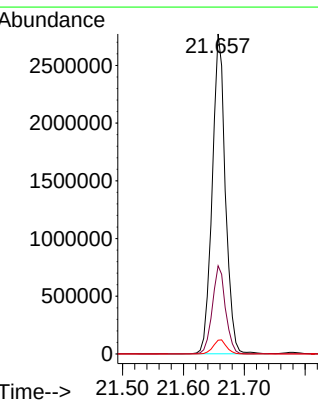
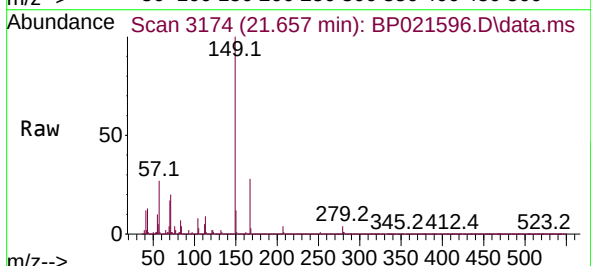
Tgt Ion:149 Resp: 4155968

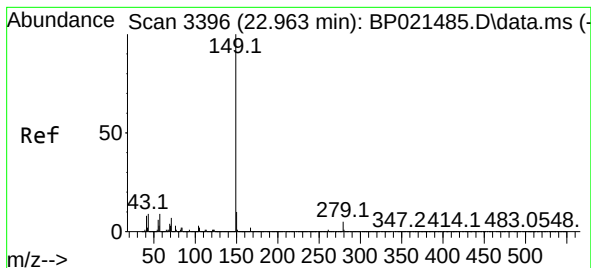
Ion Ratio Lower Upper

149 100

167 27.6 22.3 33.5

279 4.3 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 51.543 ng

RT: 22.986 min Scan# 34

Delta R.T. 0.023 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:149 Resp: 733133

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

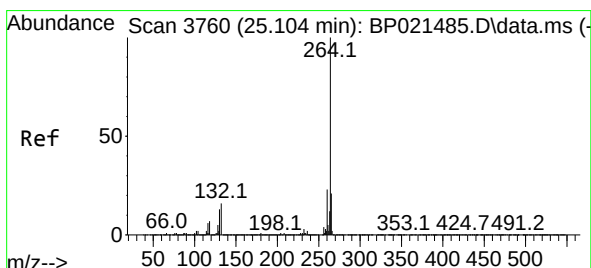
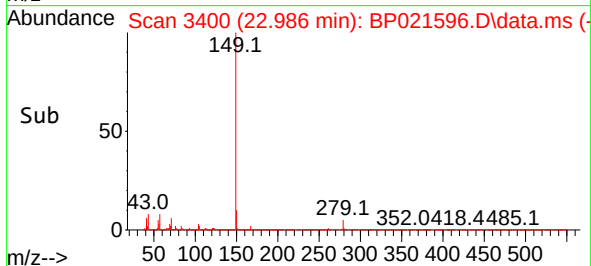
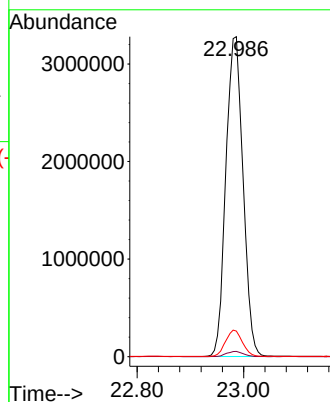
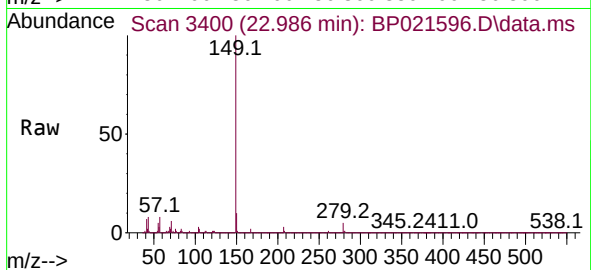
43 8.0 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.180 min Scan# 3773

Delta R.T. 0.076 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

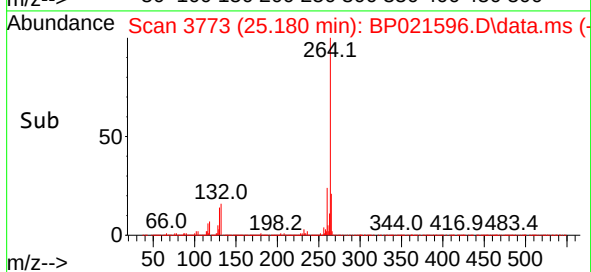
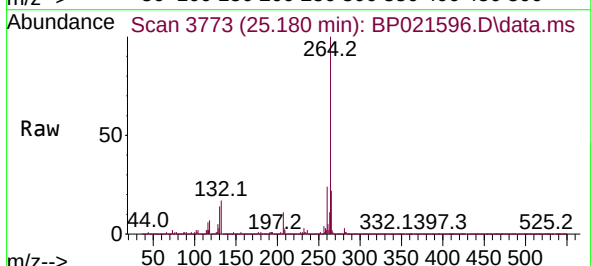
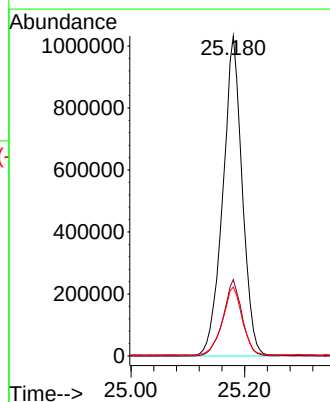
Tgt Ion:264 Resp: 2442992

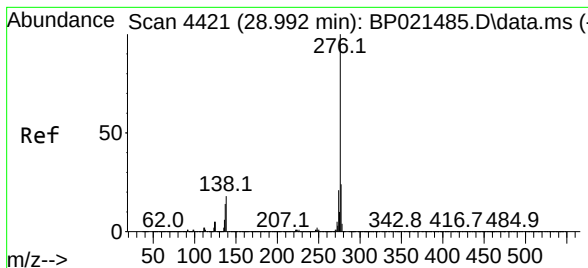
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.697 ng m

RT: 29.098 min Scan# 4421

Delta R.T. 0.106 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:276 Resp: 834494

Ion Ratio Lower Upper

276 100

138 17.1 12.8 19.2

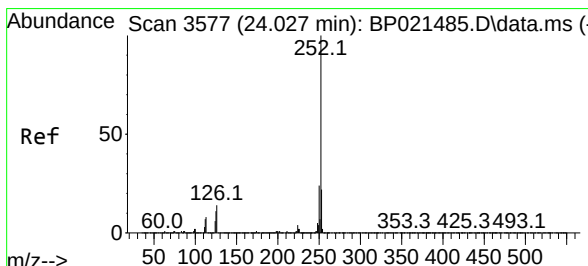
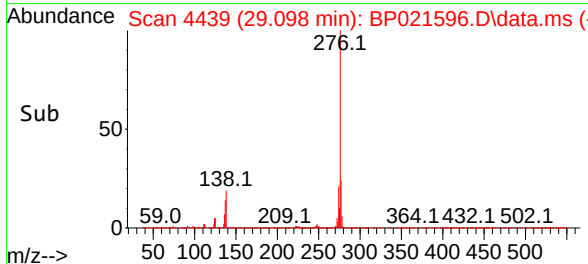
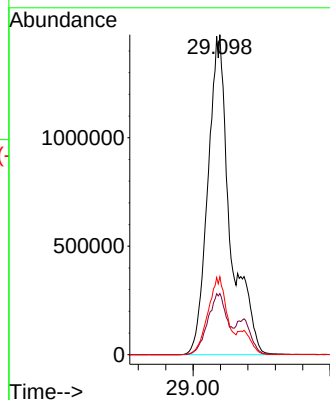
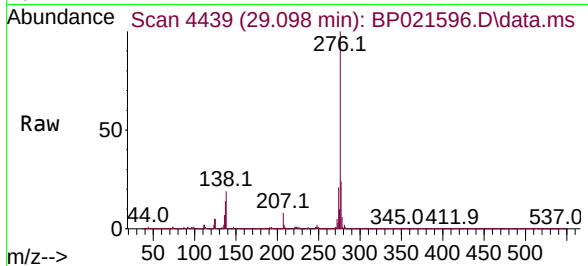
277 20.7 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#88

Benzo(b)fluoranthene

Concen: 48.887 ng

RT: 24.086 min Scan# 3587

Delta R.T. 0.059 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

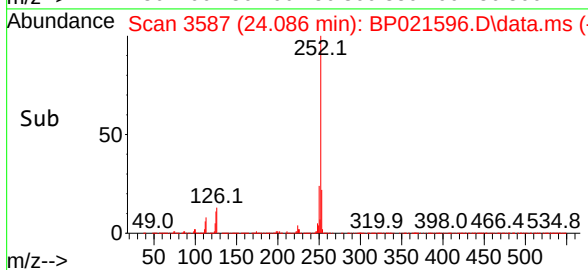
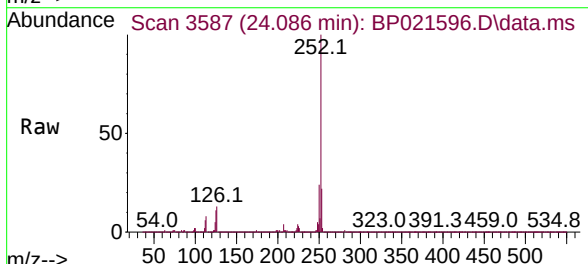
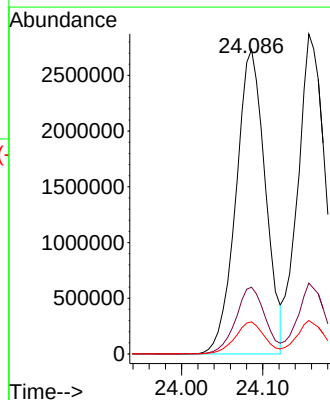
Tgt Ion:252 Resp: 6859212

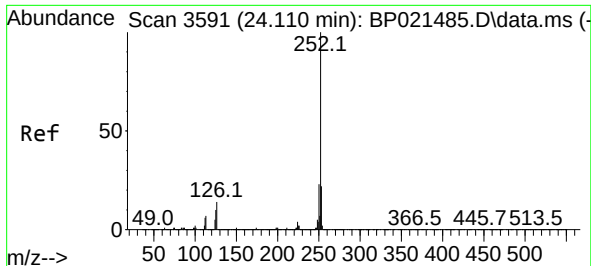
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

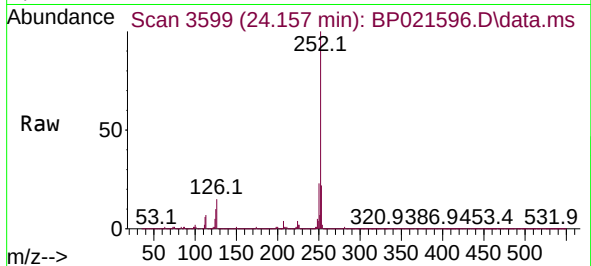
125 10.6 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 49.113 ng
RT: 24.157 min Scan# 3599
Delta R.T. 0.047 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

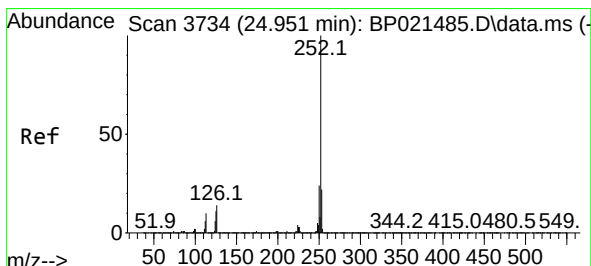
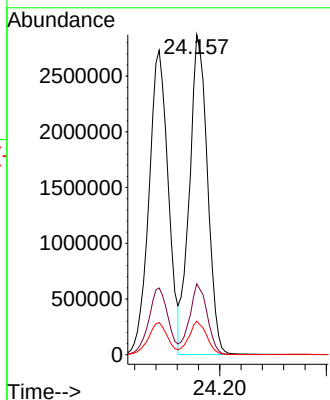
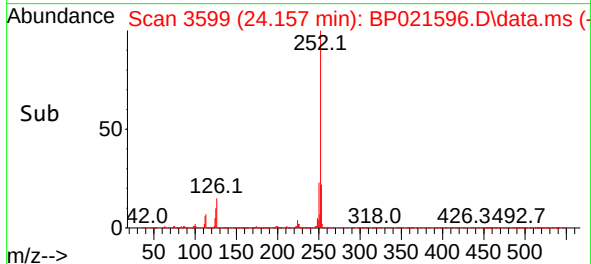
Instrument :
BNA_P
ClientSampleId :
PB162717BS



Tgt Ion:252 Resp: 6722130
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.5 7.8 11.8

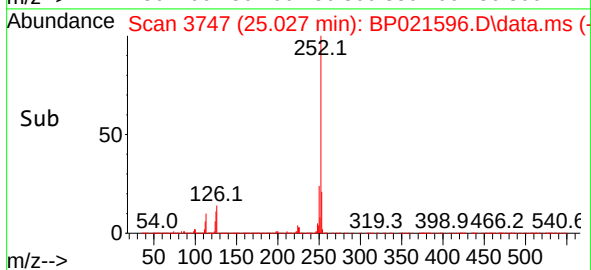
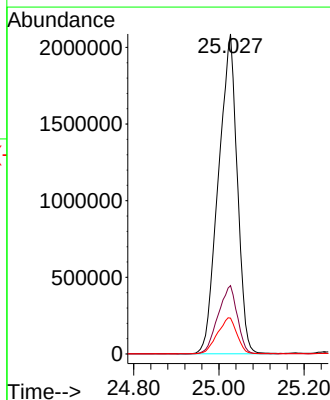
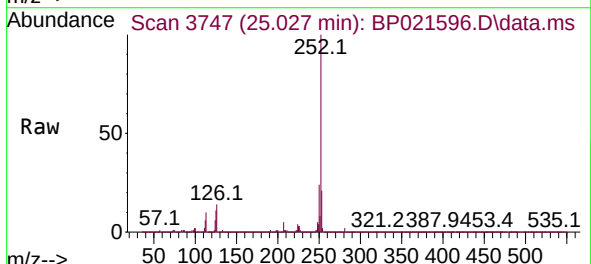
Manual Integrations
APPROVED

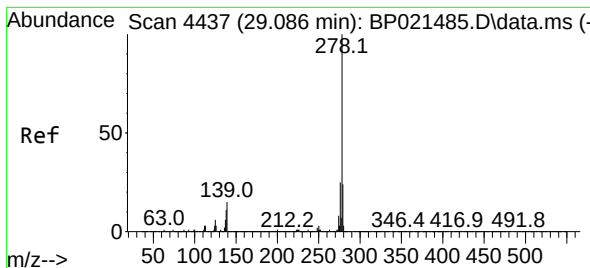
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#90
Benzo(a)pyrene
Concen: 52.439 ng
RT: 25.027 min Scan# 3747
Delta R.T. 0.076 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:252 Resp: 6384870
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 11.2 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 51.982 ng

RT: 29.186 min Scan# 4437

Delta R.T. 0.100 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:278 Resp: 6839639

Ion Ratio Lower Upper

278 100

139 14.6 12.2 18.4

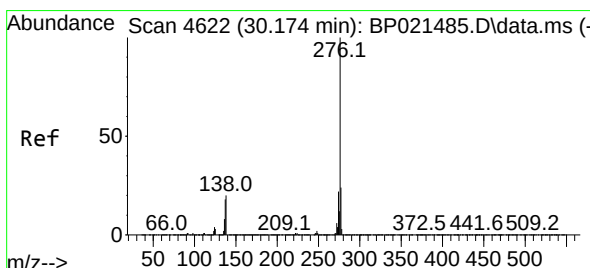
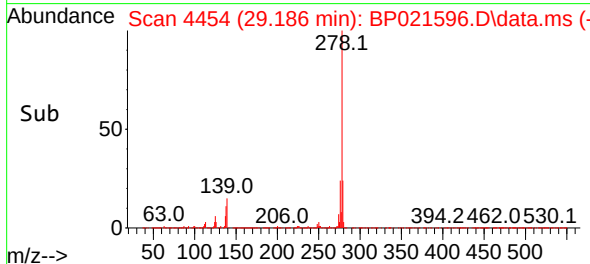
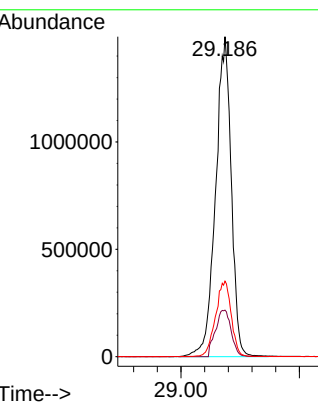
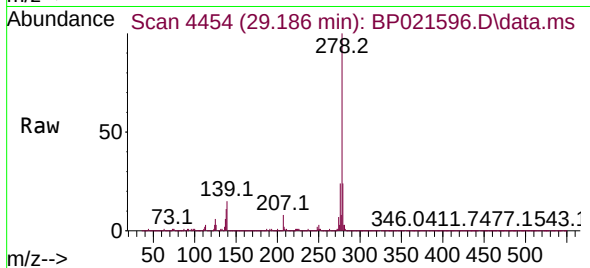
279 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#92

Benzo(g,h,i)perylene

Concen: 49.793 ng

RT: 30.321 min Scan# 4647

Delta R.T. 0.147 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Tgt Ion:276 Resp: 6566648

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 20.6 16.0 24.0

