

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021597.D
 Acq On : 21 Aug 2024 14:35
 Operator : RC/JU
 Sample : PB162631BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162631BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 21 15:06:32 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	7.799	152	396536	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	1623956	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	1089685	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2444315	20.000	ng	0.02
76) Chrysene-d12	21.733	240	2279531	20.000	ng	0.04
86) Perylene-d12	25.168	264	2475837	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3513702	131.573	ng	0.00
7) Phenol-d6	6.975	99	4788623	122.921	ng	0.01
23) Nitrobenzene-d5	8.952	82	2824059	89.758	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	1842343	151.911	ng	0.01
45) 2-Fluorobiphenyl	13.069	172	5453068	76.373	ng	0.00
79) Terphenyl-d14	19.986	244	9587667	81.711	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	365654	28.877	ng	98
3) Pyridine	3.711	79	983994	27.837	ng	96
4) n-Nitrosodimethylamine	3.617	42	436630	41.095	ng	92
6) Aniline	7.128	93	979376	25.147	ng	98
8) 2-Chlorophenol	7.369	128	1222116	49.521	ng	95
9) Benzaldehyde	6.946	77	453508m	18.182	ng	
10) Phenol	6.999	94	1835940	45.511	ng	96
11) bis(2-Chloroethyl)ether	7.228	93	1342415	39.327	ng	96
12) 1,3-Dichlorobenzene	7.693	146	1231898	42.024	ng	96
13) 1,4-Dichlorobenzene	7.840	146	1249214	42.202	ng	98
14) 1,2-Dichlorobenzene	8.152	146	1204331	42.219	ng	99
15) Benzyl Alcohol	8.034	79	1252039	44.793	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1273087	40.499	ng	96
17) 2-Methylphenol	8.240	107	1191764	46.730	ng	97
18) Hexachloroethane	8.881	117	509824	42.951	ng	98
19) n-Nitroso-di-n-propyla...	8.605	70	953038	35.415	ng	95
20) 3+4-Methylphenols	8.563	107	1651163	48.016	ng	98
22) Acetophenone	8.616	105	1896206	38.008	ng	# 99
24) Nitrobenzene	8.993	77	1458505	42.682	ng	93
25) Isophorone	9.516	82	2868598	38.593	ng	97
26) 2-Nitrophenol	9.705	139	602759	61.213	ng	95
27) 2,4-Dimethylphenol	9.763	122	938586	51.167	ng	97
28) bis(2-Chloroethoxy)met...	9.999	93	1803523	39.750	ng	100
29) 2,4-Dichlorophenol	10.234	162	1155491	53.314	ng	99
30) 1,2,4-Trichlorobenzene	10.463	180	1147380	41.292	ng	98
31) Naphthalene	10.640	128	3567580	42.053	ng	99
32) Benzoic acid	9.905	122	932432	66.787	ng	91
33) 4-Chloroaniline	10.752	127	873958	27.425	ng	96
34) Hexachlorobutadiene	10.928	225	679908	38.862	ng	98
35) Caprolactam	11.528	113	444922m	49.319	ng	
36) 4-Chloro-3-methylphenol	11.881	107	1526057	50.759	ng	96
37) 2-Methylnaphthalene	12.263	142	2441424	42.166	ng	99
38) 1-Methylnaphthalene	12.481	142	2298776	40.255	ng	99
40) 1,2,4,5-Tetrachloroben...	12.628	216	1224828	38.362	ng	100
41) Hexachlorocyclopentadiene	12.610	237	1068355	105.577	ng	98
43) 2,4,6-Trichlorophenol	12.875	196	957394	53.982	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.946	196	1038746	52.715	ng	96
46) 1,1'-Biphenyl	13.275	154	2983073	38.693	ng	98
47) 2-Chloronaphthalene	13.316	162	2486261	41.422	ng	98
48) 2-Nitroaniline	13.516	65	911970	53.545	ng	# 86
49) Acenaphthylene	14.175	152	4195285	47.547	ng	100
50) Dimethylphthalate	13.910	163	3300392	45.226	ng	100
51) 2,6-Dinitrotoluene	14.016	165	742630	50.239	ng	88
52) Acenaphthene	14.522	154	2908796m	50.243	ng	
53) 3-Nitroaniline	14.345	138	633940	44.148	ng	# 92
54) 2,4-Dinitrophenol	14.569	184	827604	124.433	ng	# 87
55) Dibenzofuran	14.869	168	3956692	44.427	ng	98
56) 4-Nitrophenol	14.675	139	1433840	116.029	ng	# 84
57) 2,4-Dinitrotoluene	14.822	165	1080882	56.706	ng	86
58) Fluorene	15.522	166	3132855	42.819	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	951715	56.903	ng	99
60) Diethylphthalate	15.304	149	3398001	45.382	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	1593414	42.132	ng	100
62) 4-Nitroaniline	15.528	138	793642	53.019	ng	91
63) Azobenzene	15.816	77	3667796	39.850	ng	96
65) 4,6-Dinitro-2-methylph...	15.610	198	590379	68.905	ng	94
66) n-Nitrosodiphenylamine	15.740	169	2813188	42.947	ng	100
67) 4-Bromophenyl-phenylether	16.434	248	1069388	41.338	ng	98
68) Hexachlorobenzene	16.551	284	1270572	41.560	ng	97
69) Atrazine	16.716	200	911342	40.523	ng	100
70) Pentachlorophenol	16.910	266	1697042	101.704	ng	99
71) Phenanthrene	17.316	178	5209439	44.316	ng	100
72) Anthracene	17.398	178	5224317	45.316	ng	100
73) Carbazole	17.681	167	5170035	46.533	ng	99
74) Di-n-butylphthalate	18.281	149	6166947	45.196	ng	100
75) Fluoranthene	19.392	202	6441196	44.658	ng	100
77) Benzidine	19.586	184	1083376	21.185	ng	100
78) Pyrene	19.769	202	6754836	45.336	ng	99
80) Butylbenzylphthalate	20.722	149	2865369	50.471	ng	90
81) Benzo(a)anthracene	21.710	228	6618478	46.251	ng	100
82) 3,3'-Dichlorobenzidine	21.622	252	1906303	41.548	ng	100
83) Chrysene	21.780	228	6171286	45.677	ng	100
84) Bis(2-ethylhexyl)phtha...	21.657	149	4200028	49.659	ng	100
85) Di-n-octyl phthalate	22.974	149	7307460	49.066	ng	97
87) Indeno(1,2,3-cd)pyrene	29.104	276	8060974	50.228	ng	99
88) Benzo(b)fluoranthene	24.080	252	6767419	47.593	ng	99
89) Benzo(k)fluoranthene	24.151	252	6753379	48.687	ng	100
90) Benzo(a)pyrene	24.998	252	6357533	51.522	ng	99
91) Dibenzo(a,h)anthracene	29.174	278	6642081	49.811	ng	99
92) Benzo(g,h,i)perylene	30.315	276	6418769	48.026	ng	99

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

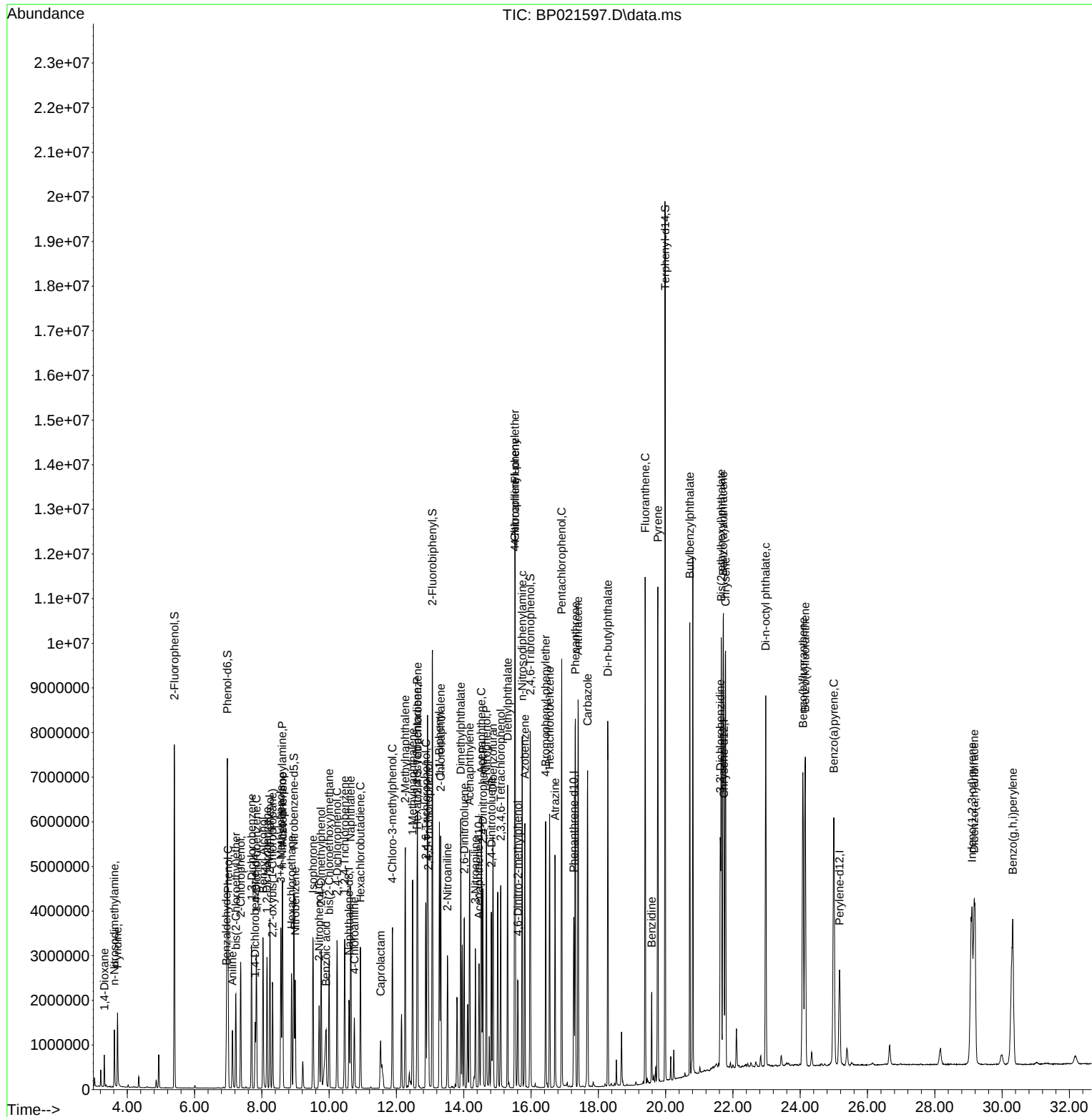
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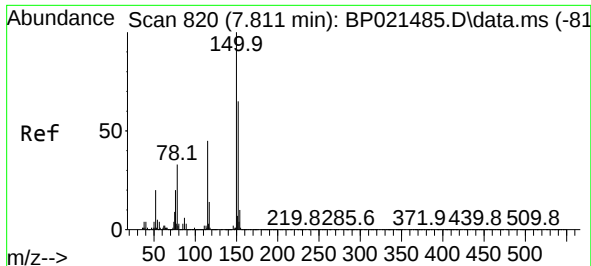
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

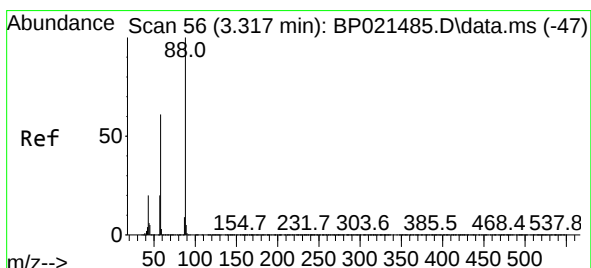
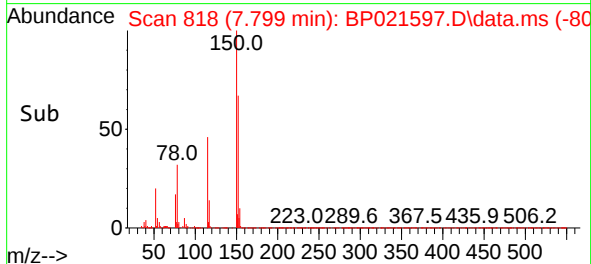
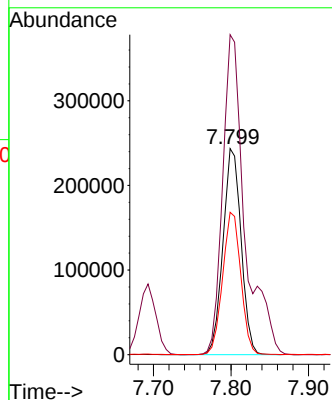
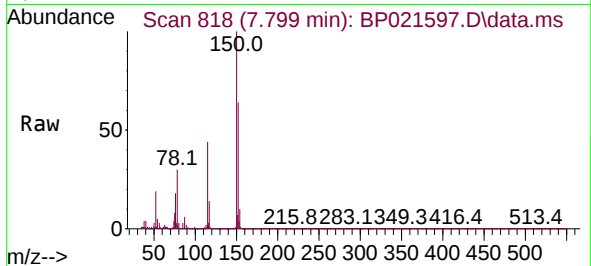
ClientSampleId :

PB162631BS

Tgt Ion:152 Resp: 396530
Ion Ratio Lower Upper
152 100
150 155.3 122.4 183.6
115 69.1 54.7 82.1

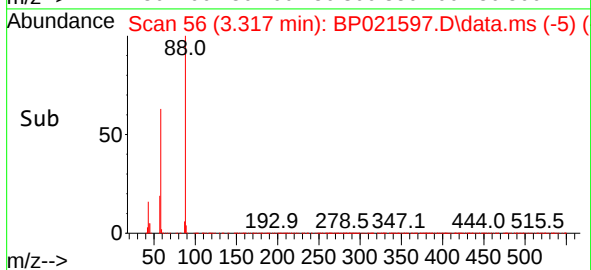
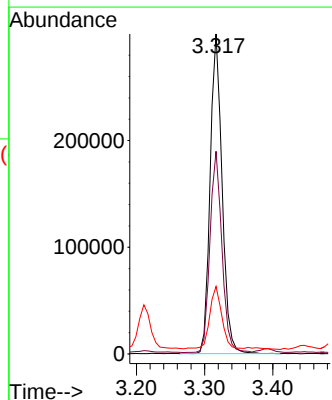
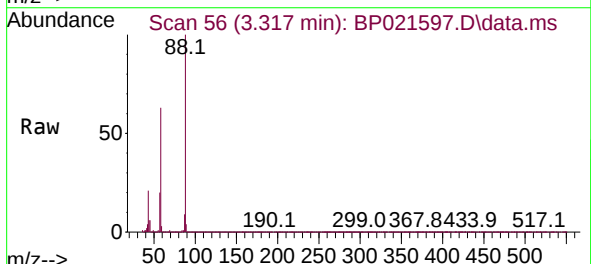
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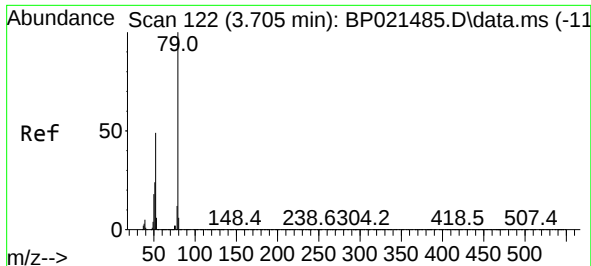
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#2
1,4-Dioxane
Concen: 28.877 ng
RT: 3.317 min Scan# 56
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion: 88 Resp: 365654
Ion Ratio Lower Upper
88 100
58 62.8 48.7 73.1
43 19.7 15.4 23.2





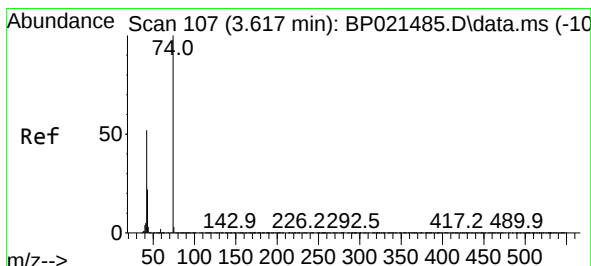
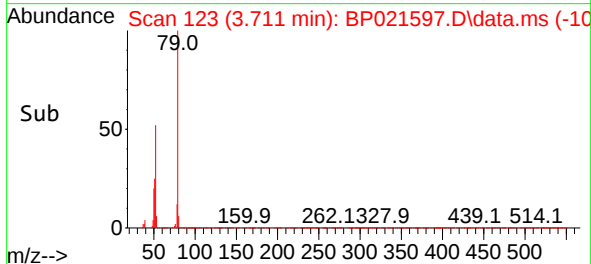
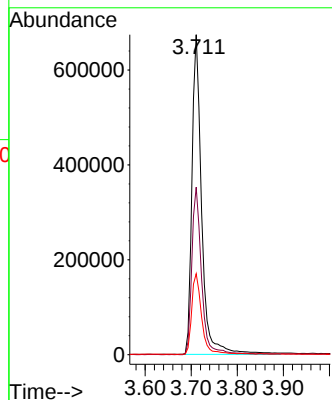
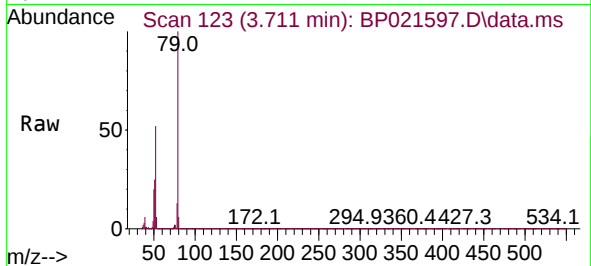
#3
Pyridine
Concen: 27.837 ng
RT: 3.711 min Scan# 122
Delta R.T. 0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

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ClientSampleId :
PB162631BS

Tgt Ion: 79 Resp: 983994
Ion Ratio Lower Upper
79 100
52 52.4 39.0 58.6
51 25.3 19.2 28.8

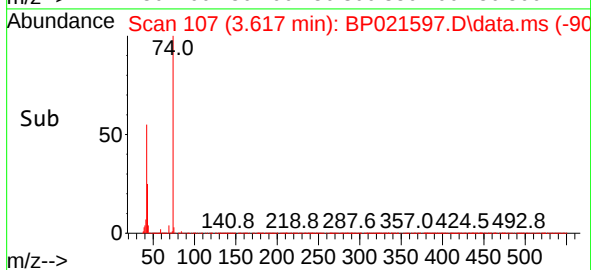
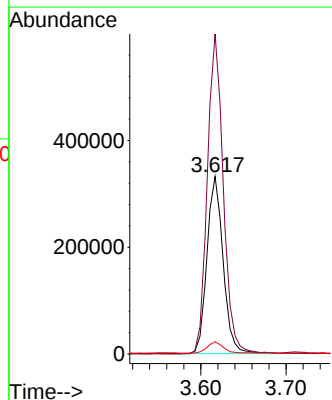
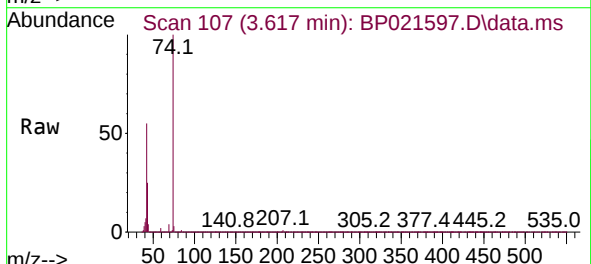
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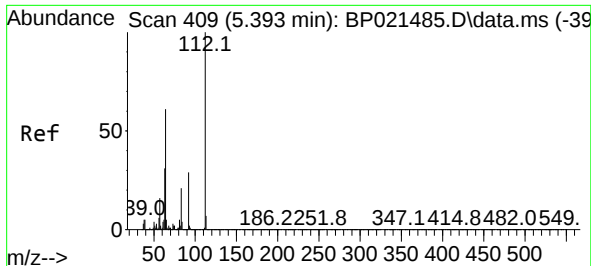
Reviewed By :Yogesh Patel 08/22/2024
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#4
n-Nitrosodimethylamine
Concen: 41.095 ng
RT: 3.617 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion: 42 Resp: 436630
Ion Ratio Lower Upper
42 100
74 180.4 154.3 231.5
44 6.9 6.2 9.4





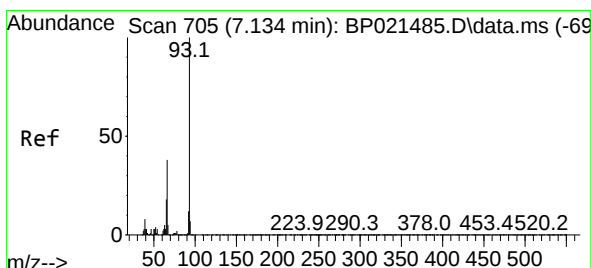
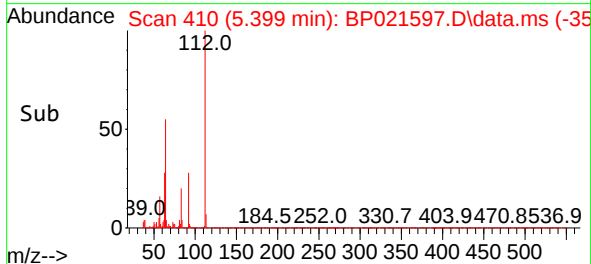
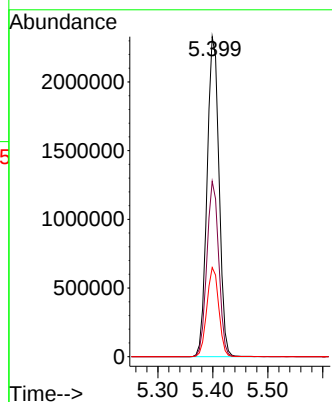
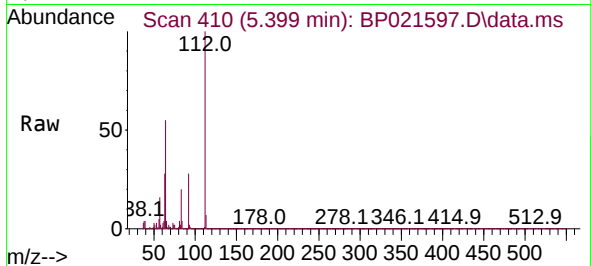
#5
2-Fluorophenol
Concen: 131.573 ng
RT: 5.399 min Scan# 411
Delta R.T. 0.006 min
Lab File: BP021597.D
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Tgt Ion:112 Resp: 351370
Ion Ratio Lower Upper
112 100
64 54.8 49.0 73.6
63 27.8 24.6 36.8

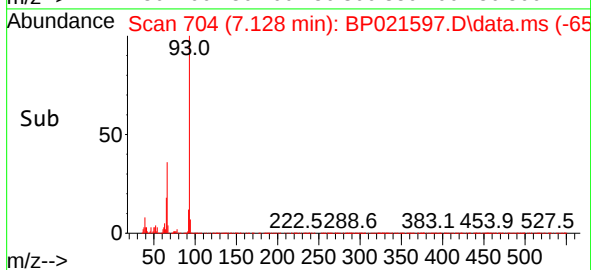
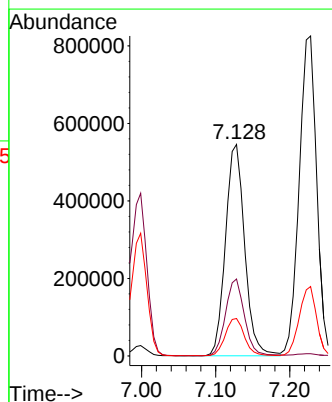
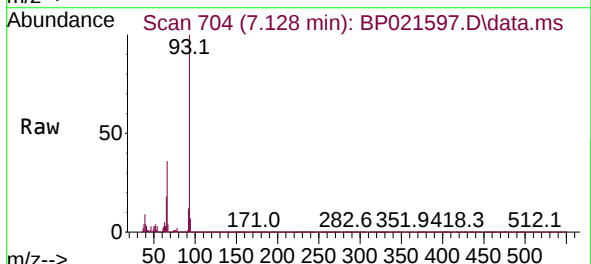
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#6
Aniline
Concen: 25.147 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion: 93 Resp: 979376
Ion Ratio Lower Upper
93 100
66 36.4 30.2 45.2
65 17.7 14.7 22.1





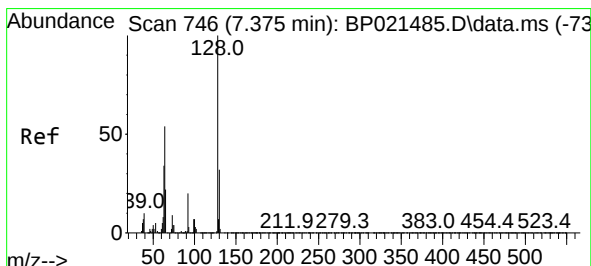
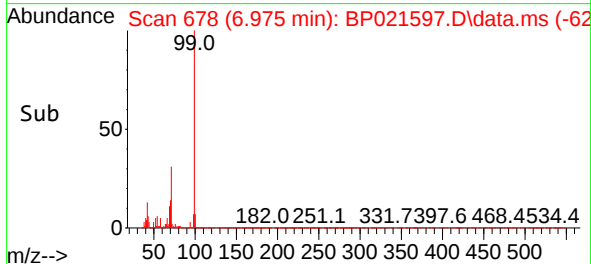
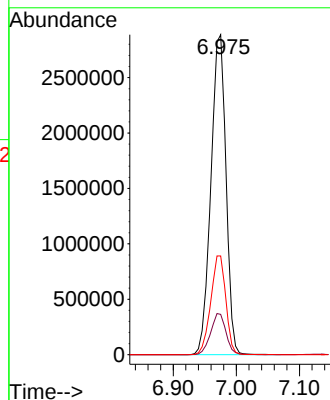
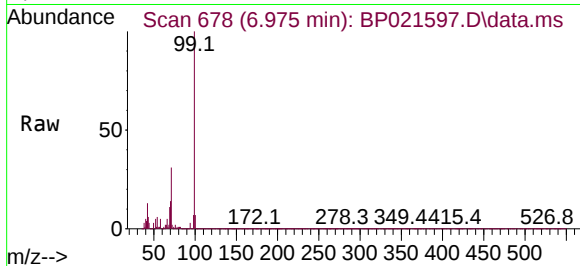
#7
Phenol-d6
Concen: 122.921 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP021597.D
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Tgt Ion: 99 Resp: 478862
Ion Ratio Lower Upper
99 100
42 12.6 10.2 15.4
71 30.8 25.8 38.8

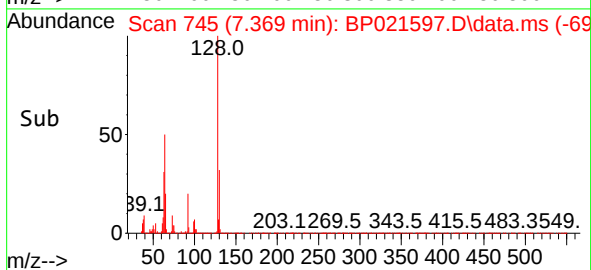
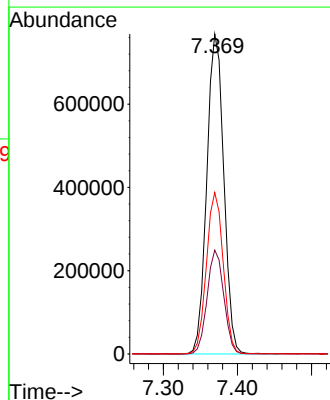
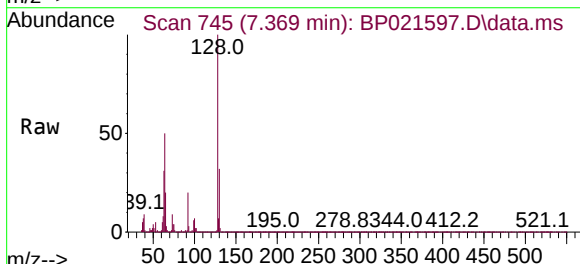
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#8
2-Chlorophenol
Concen: 49.521 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion:128 Resp: 1222116
Ion Ratio Lower Upper
128 100
130 32.5 11.6 51.6
64 50.4 35.3 75.3





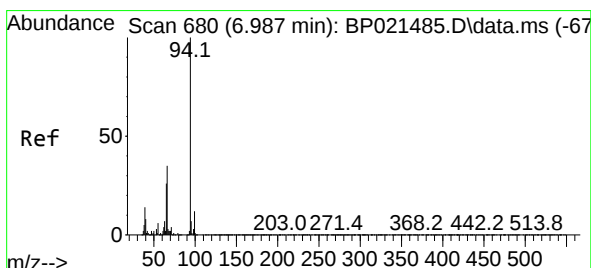
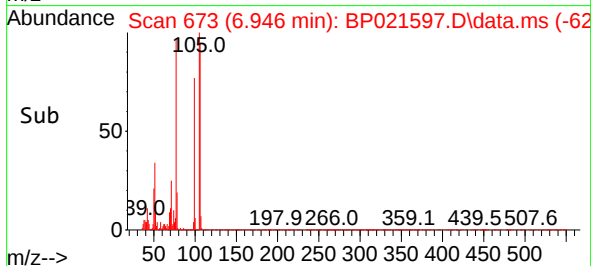
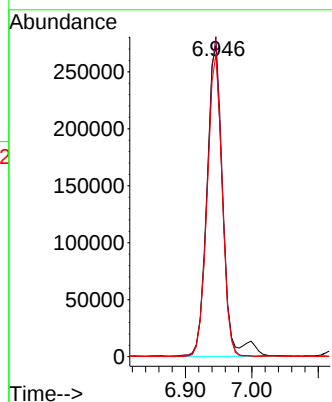
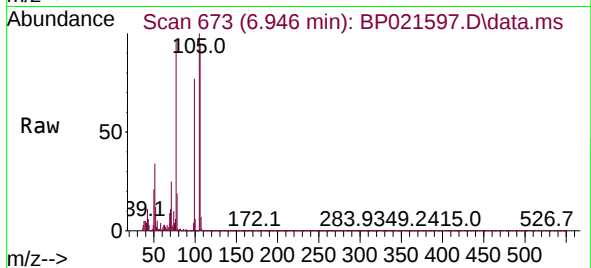
#9
Benzaldehyde
Concen: 18.182 ng m
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021597.D
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Tgt Ion: 77 Resp: 453508
Ion Ratio Lower Upper
77 100
105 103.1 72.1 112.1
106 97.5 67.9 107.9

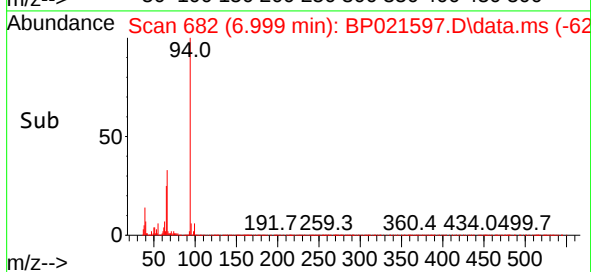
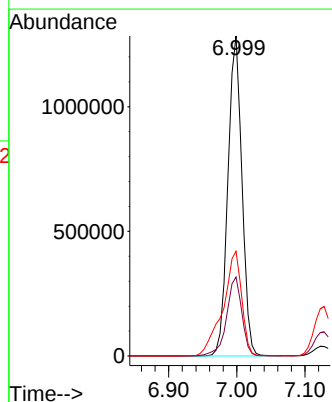
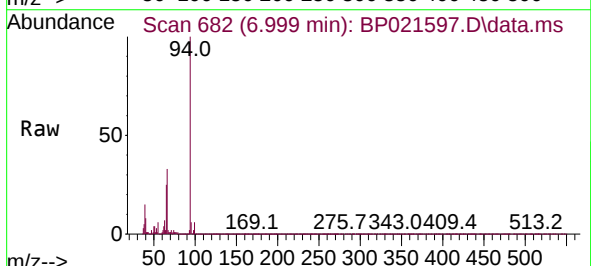
Manual Integrations
APPROVED

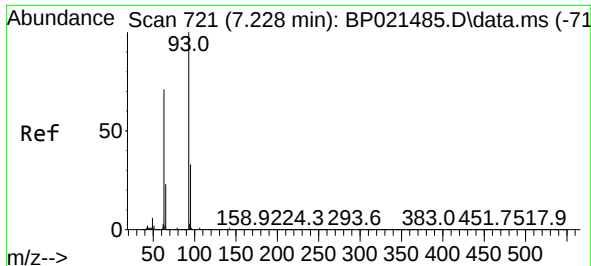
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#10
Phenol
Concen: 45.511 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

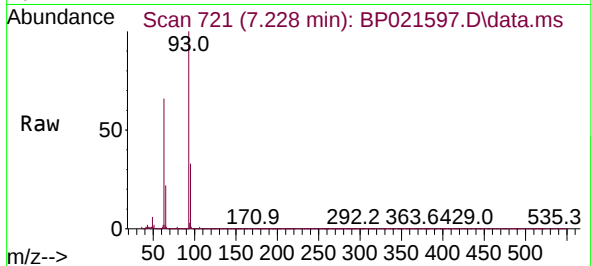
Tgt Ion: 94 Resp: 1835940
Ion Ratio Lower Upper
94 100
65 24.7 6.5 46.5
66 32.7 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 39.327 ng
RT: 7.228 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

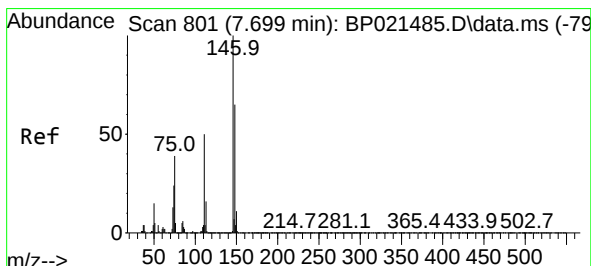
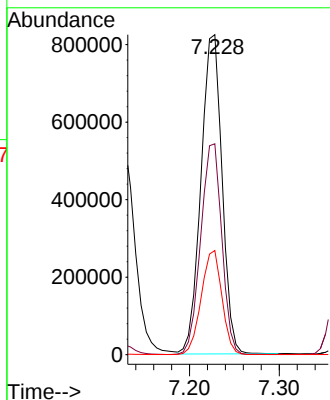
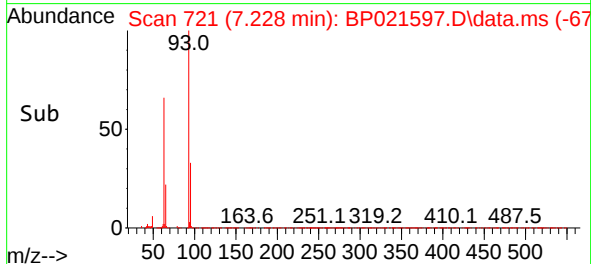
Instrument :
BNA_P
ClientSampleId :
PB162631BS



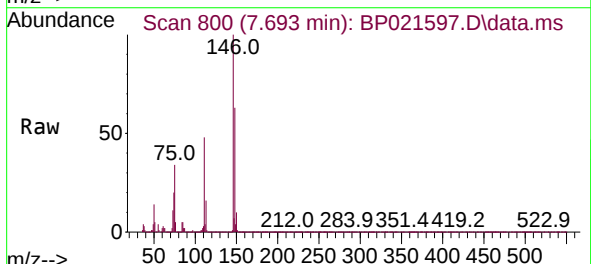
Tgt Ion: 93 Resp: 134241
Ion Ratio Lower Upper
93 100
63 65.9 51.0 91.0
95 32.6 12.9 52.9

Manual Integrations
APPROVED

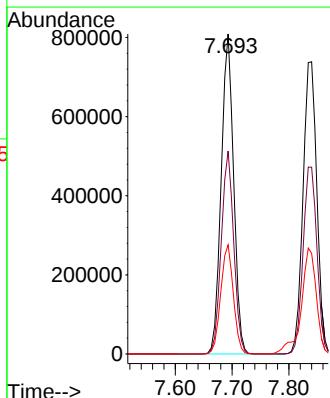
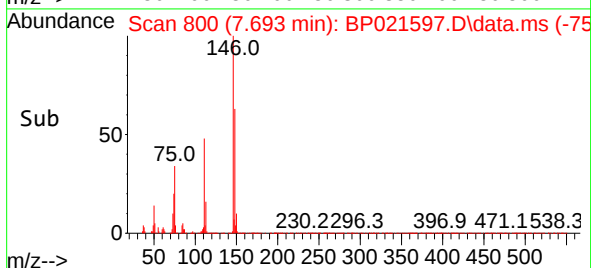
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#12
1,3-Dichlorobenzene
Concen: 42.024 ng
RT: 7.693 min Scan# 800
Delta R.T. -0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35



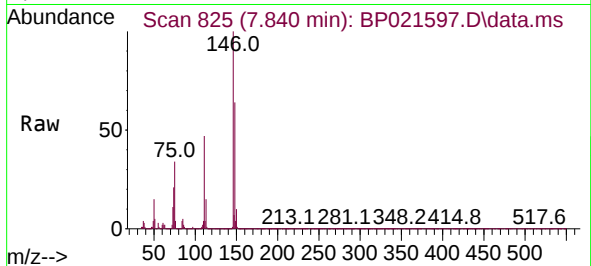
Tgt Ion:146 Resp: 1231898
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.6
75 34.1 31.3 46.9





#13
1,4-Dichlorobenzene
Concen: 42.202 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

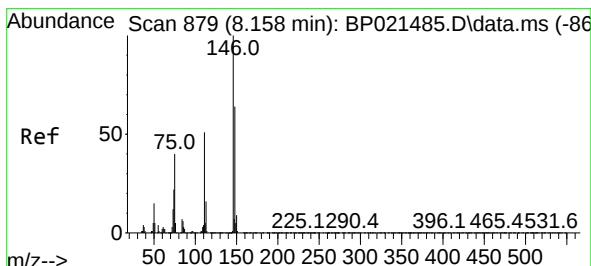
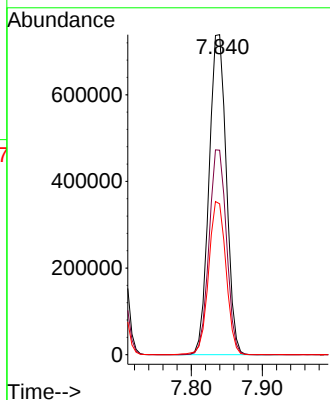
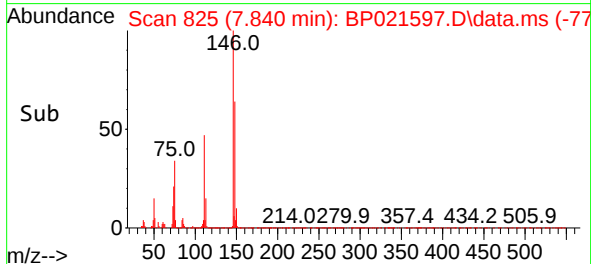
Instrument :
BNA_P
ClientSampleId :
PB162631BS



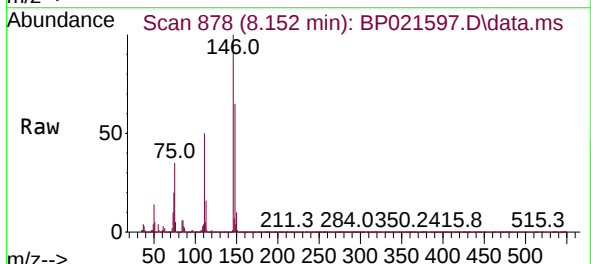
Tgt Ion:146 Resp: 1249214
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 47.2 40.3 60.5

Manual Integrations
APPROVED

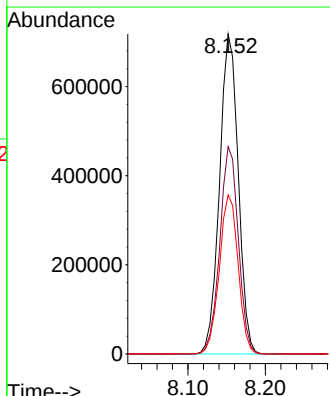
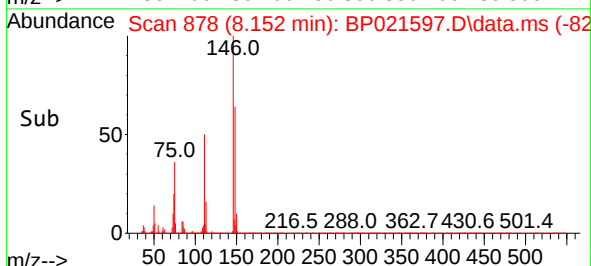
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

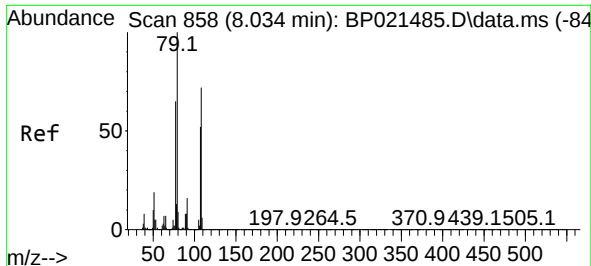


#14
1,2-Dichlorobenzene
Concen: 42.219 ng
RT: 8.152 min Scan# 878
Delta R.T. -0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35



Tgt Ion:146 Resp: 1204331
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 49.7 41.1 61.7





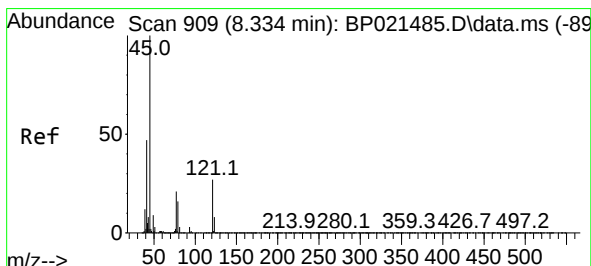
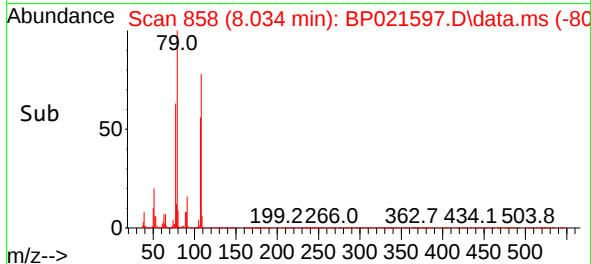
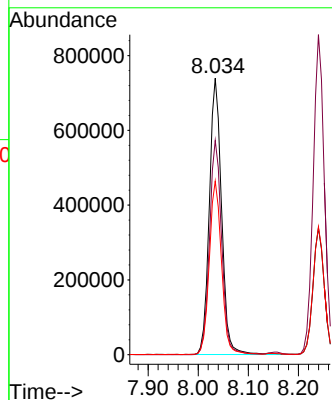
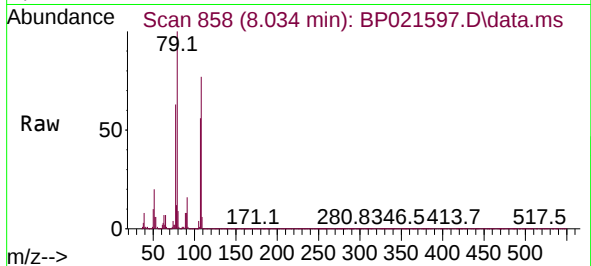
#15
Benzyl Alcohol
Concen: 44.793 ng
RT: 8.034 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion: 79 Resp: 1252039
Ion Ratio Lower Upper
79 100
108 77.5 57.9 86.9
77 62.8 51.8 77.8

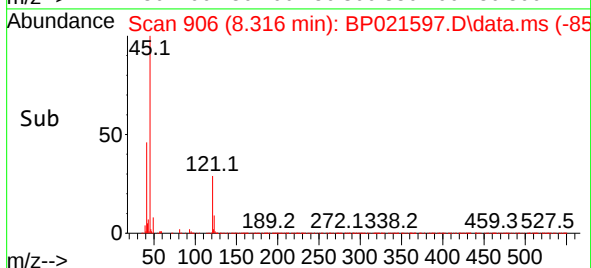
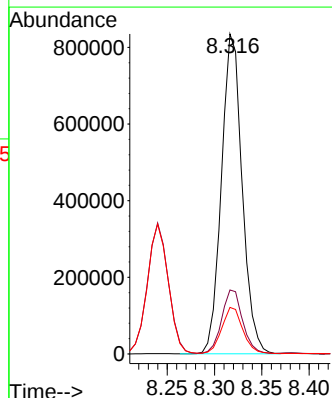
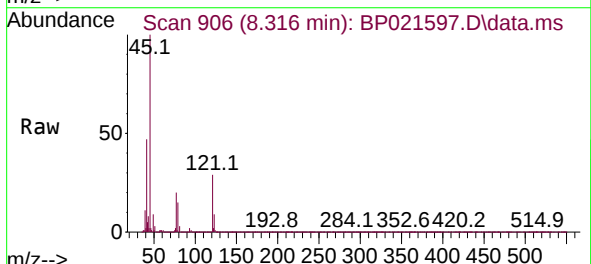
Manual Integrations
APPROVED

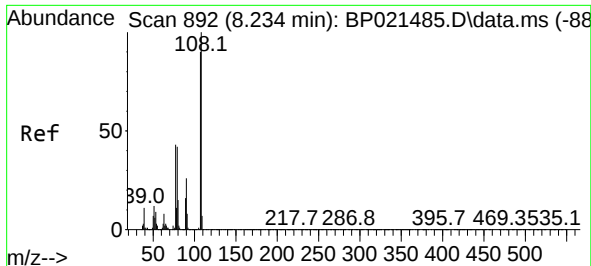
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.499 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.018 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

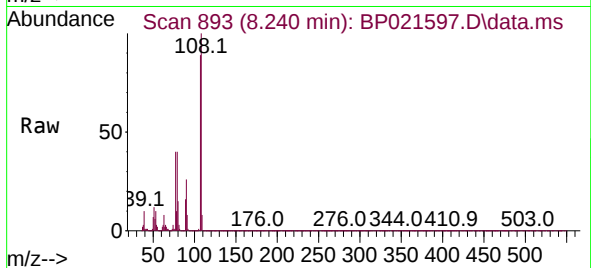
Tgt Ion: 45 Resp: 1273087
Ion Ratio Lower Upper
45 100
77 20.0 1.9 41.9
79 14.6 0.0 36.6





#17
2-Methylphenol
Concen: 46.730 ng
RT: 8.240 min Scan# 892
Delta R.T. 0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

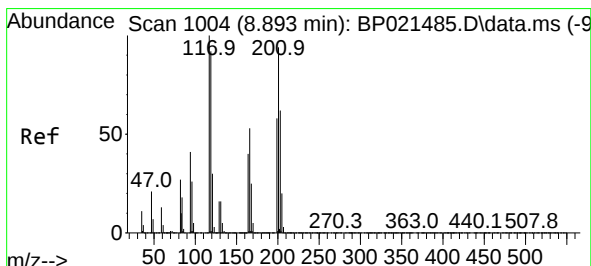
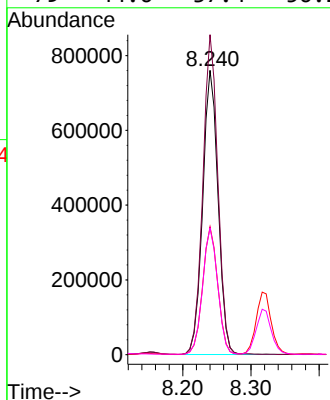
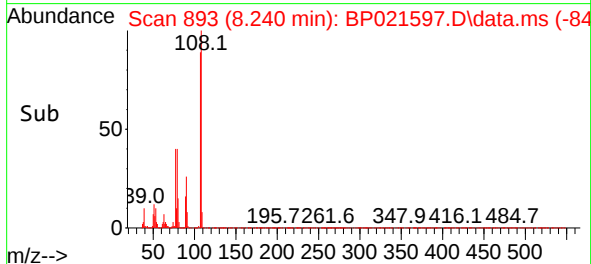
Instrument :
BNA_P
ClientSampleId :
PB162631BS



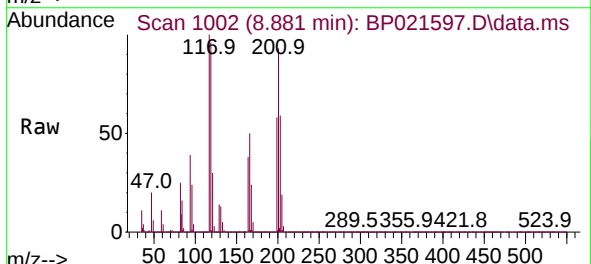
Tgt Ion:107 Resp: 1191764
Ion Ratio Lower Upper
107 100
108 112.6 88.8 133.2
77 45.0 38.7 58.1
79 44.6 37.4 56.2

Manual Integrations
APPROVED

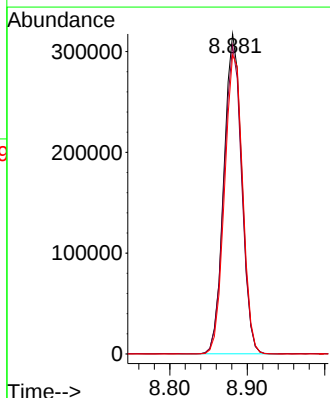
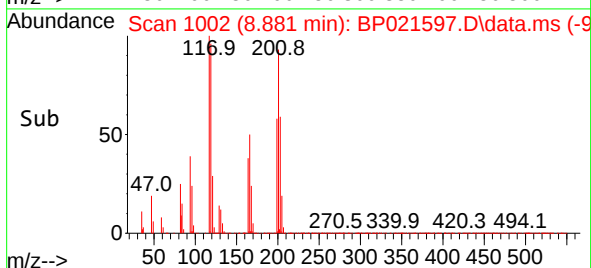
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#18
Hexachloroethane
Concen: 42.951 ng
RT: 8.881 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35



Tgt Ion:117 Resp: 509824
Ion Ratio Lower Upper
117 100
119 96.3 73.9 110.9
201 93.4 74.9 112.3





#19
n-Nitroso-di-n-propylamine
Concen: 35.415 ng
RT: 8.605 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

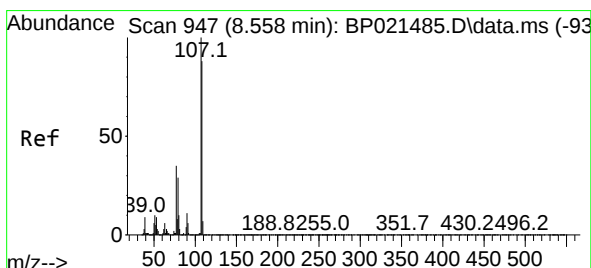
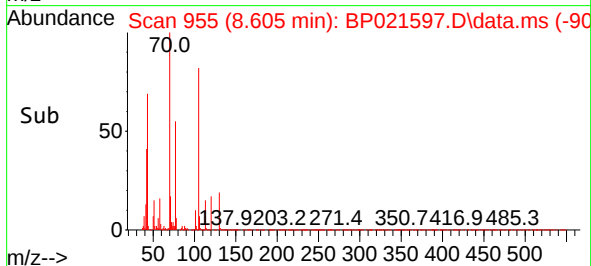
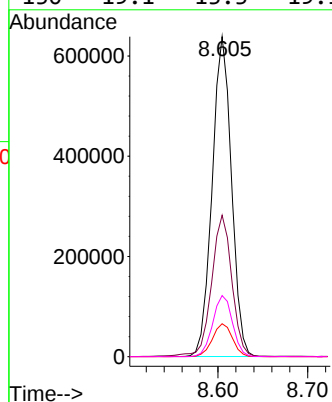
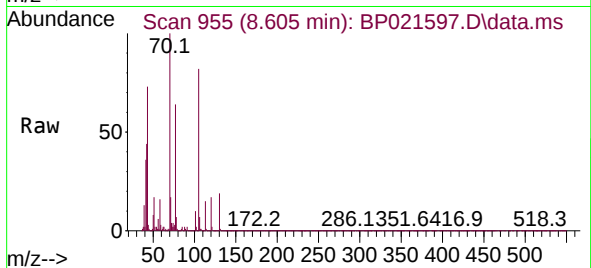
PB162631BS

Tgt Ion: 70 Resp: 953038
Ion Ratio Lower Upper
70 100
42 44.2 33.1 49.7
101 10.3 7.4 11.2
130 19.1 13.3 19.9

Manual Integrations

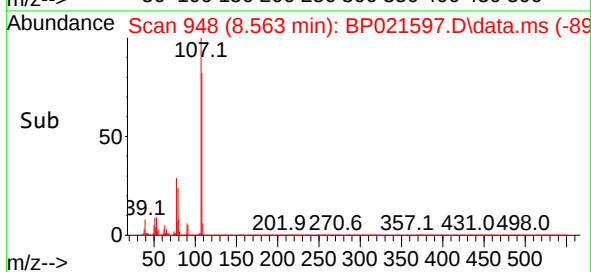
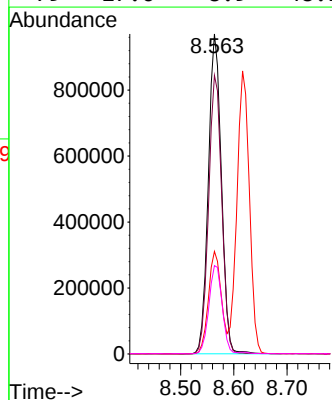
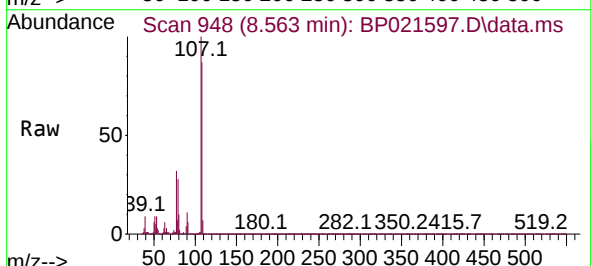
APPROVED

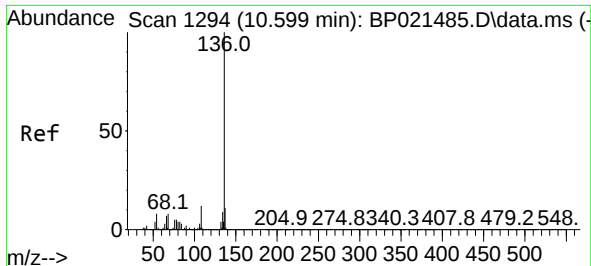
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#20
3+4-Methylphenols
Concen: 48.016 ng
RT: 8.563 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion:107 Resp: 1651163
Ion Ratio Lower Upper
107 100
108 87.0 67.6 107.6
77 32.1 15.0 55.0
79 27.6 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

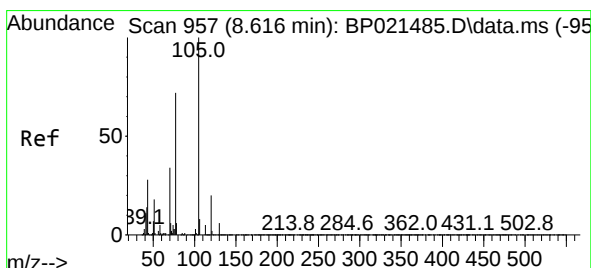
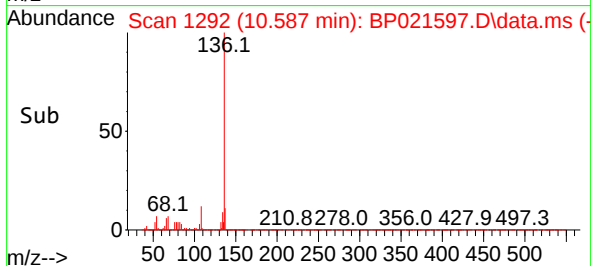
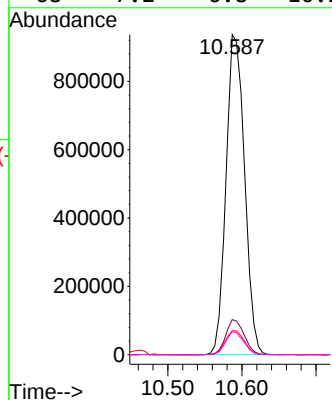
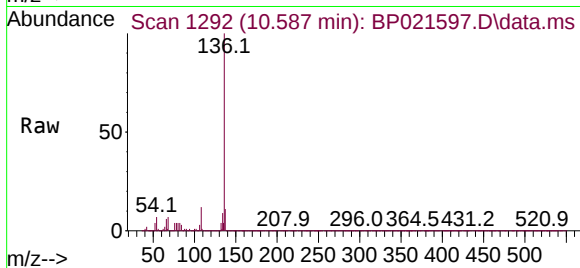
PB162631BS

Tgt Ion:136 Resp: 1623950
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.5 6.3 9.5
68 7.2 6.8 10.2

Manual Integrations

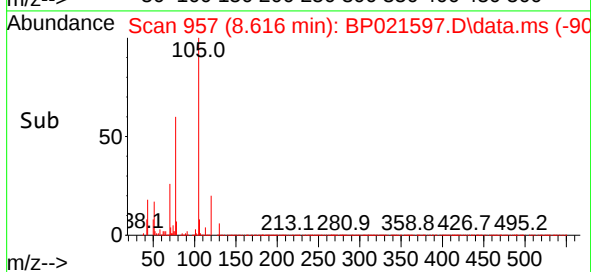
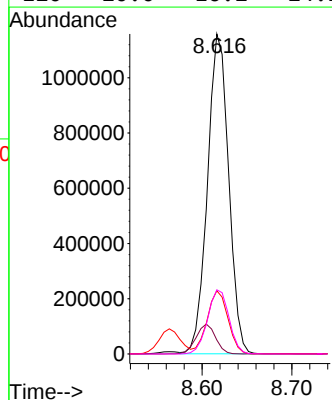
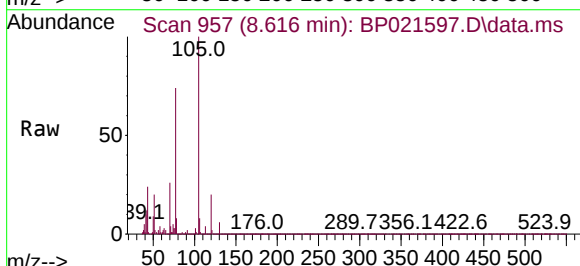
APPROVED

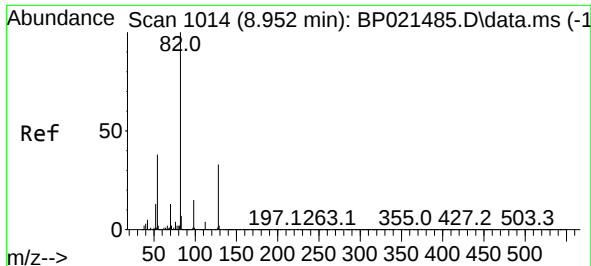
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#22
Acetophenone
Concen: 38.008 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion:105 Resp: 1896206
Ion Ratio Lower Upper
105 100
71 4.4 4.6 7.0#
51 19.7 16.3 24.5
120 20.0 16.2 24.2





#23

Nitrobenzene-d5

Concen: 89.758 ng

RT: 8.952 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion: 82 Resp: 282405

Ion Ratio Lower Upper

82 100

128 38.7 26.5 39.7

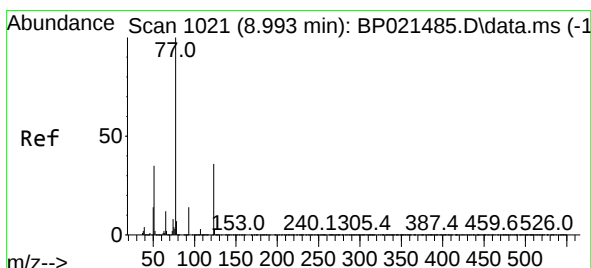
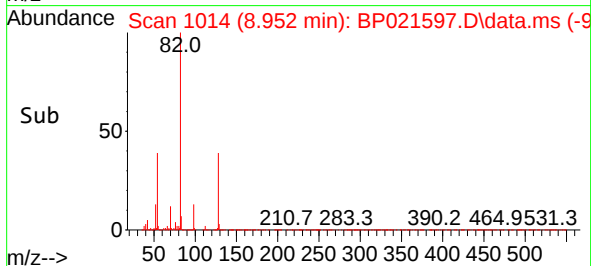
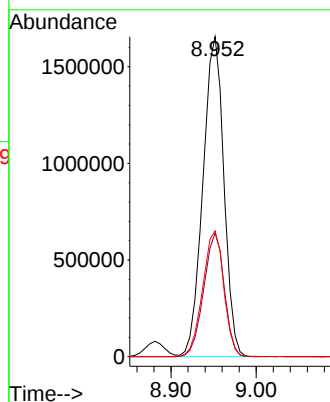
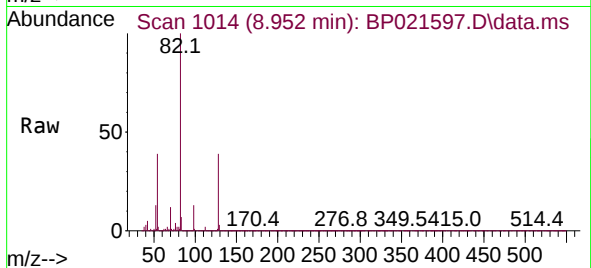
54 39.3 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#24

Nitrobenzene

Concen: 42.682 ng

RT: 8.993 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

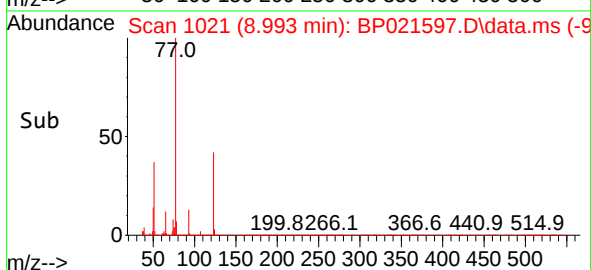
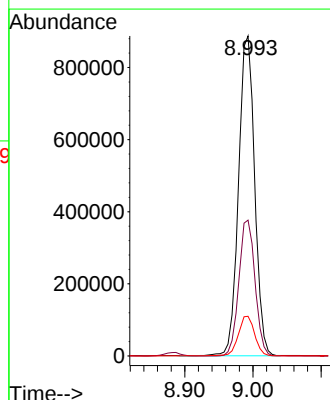
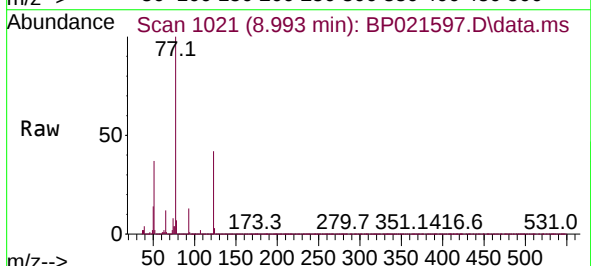
Tgt Ion: 77 Resp: 1458505

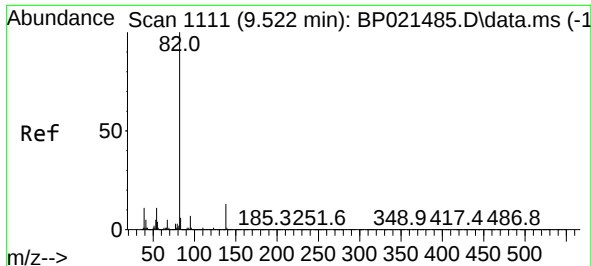
Ion Ratio Lower Upper

77 100

123 42.4 29.5 44.3

65 12.4 9.9 14.9





#25
Isophorone
Concen: 38.593 ng
RT: 9.516 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

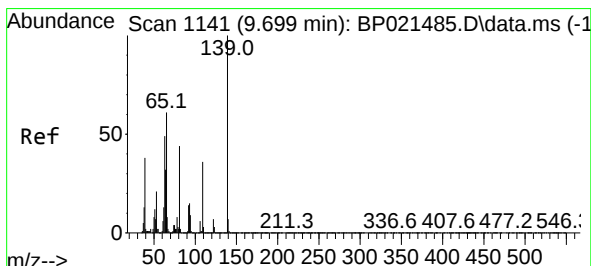
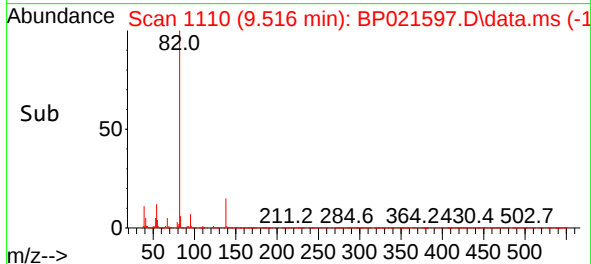
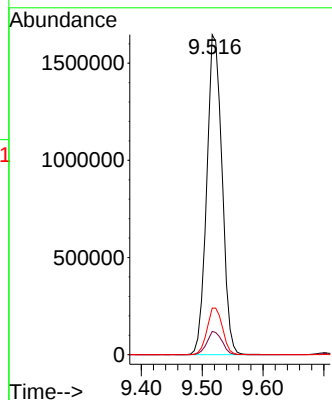
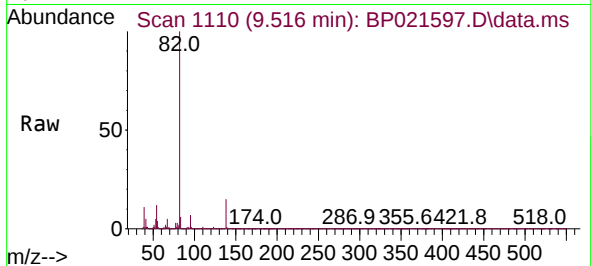
ClientSampleId :

PB162631BS

Tgt Ion: 82 Resp: 2868598
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.2
138 14.5 10.6 16.0

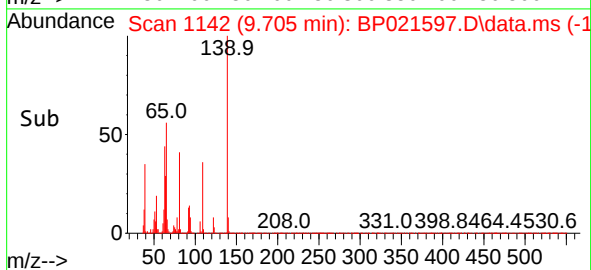
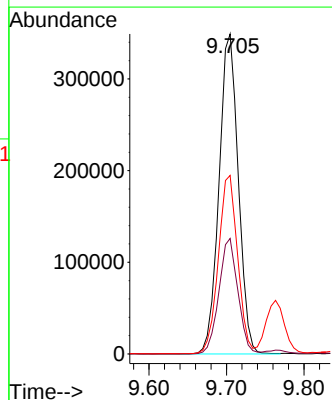
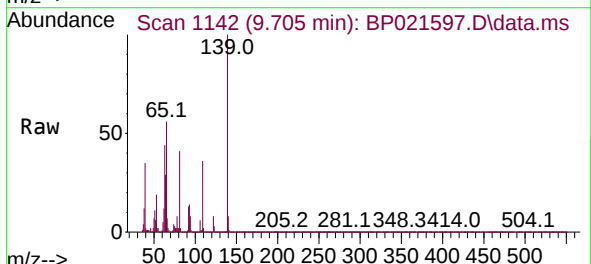
Manual Integrations
APPROVED

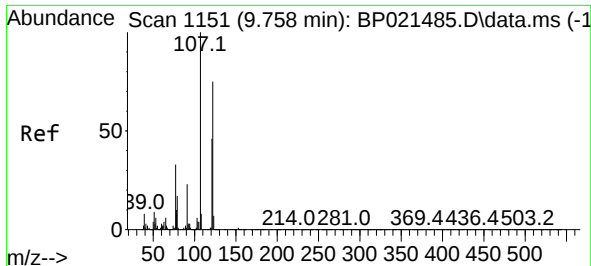
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#26
2-Nitrophenol
Concen: 61.213 ng
RT: 9.705 min Scan# 1142
Delta R.T. 0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion:139 Resp: 602759
Ion Ratio Lower Upper
139 100
109 36.1 28.9 43.3
65 55.8 49.0 73.6





#27
2,4-Dimethylphenol
Concen: 51.167 ng
RT: 9.763 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

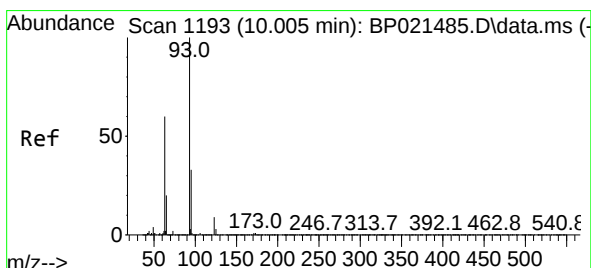
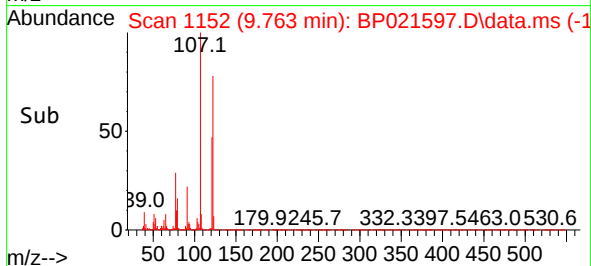
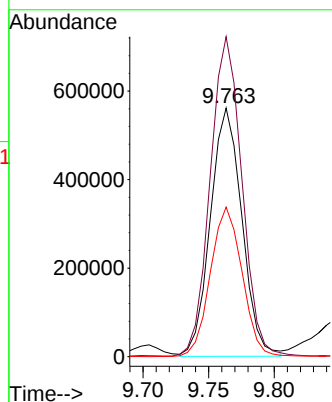
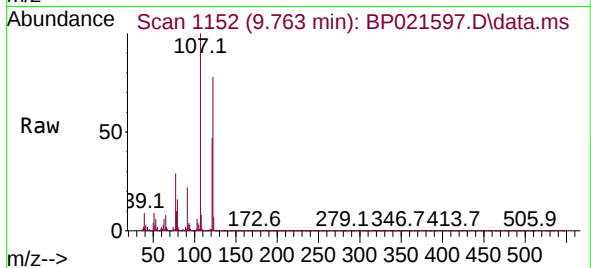
PB162631BS

Tgt Ion:122 Resp: 938580
Ion Ratio Lower Upper
122 100
107 128.7 106.2 159.4
121 60.2 48.8 73.2

Manual Integrations

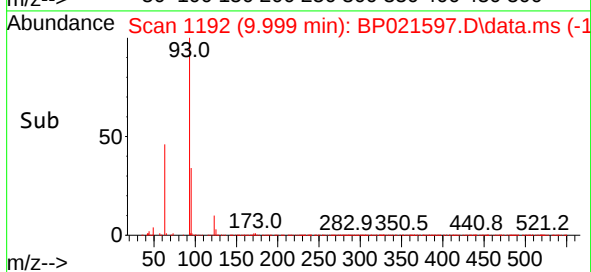
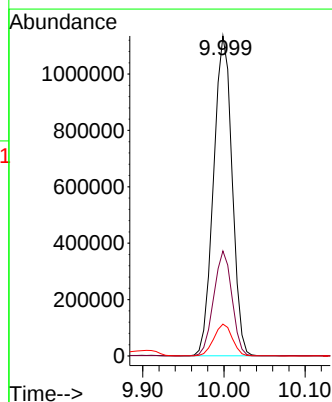
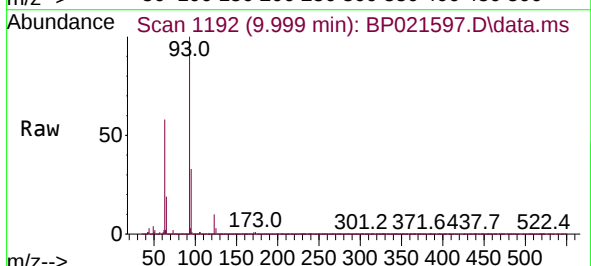
APPROVED

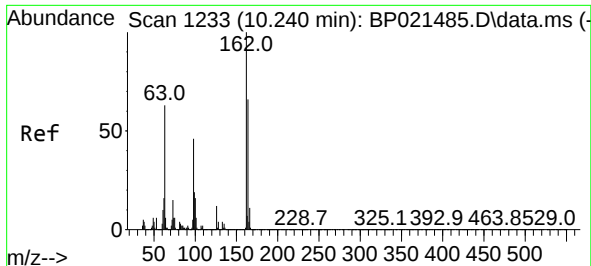
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 39.750 ng
RT: 9.999 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion: 93 Resp: 1803523
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 9.9 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 53.314 ng

RT: 10.234 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:162 Resp: 115549

Ion Ratio Lower Upper

162 100

164 65.1 45.9 85.9

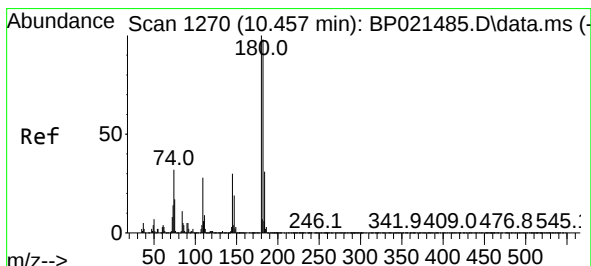
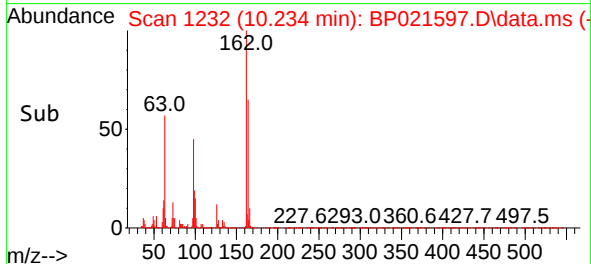
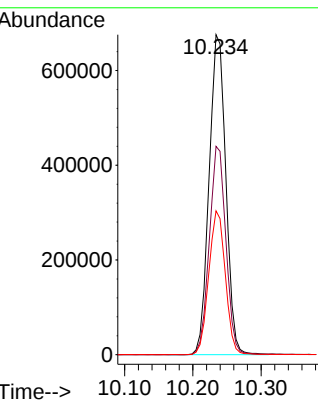
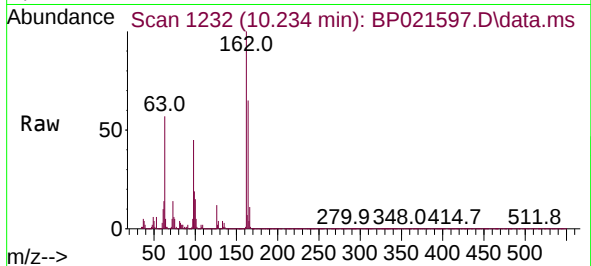
98 45.0 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.292 ng

RT: 10.463 min Scan# 1271

Delta R.T. 0.006 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

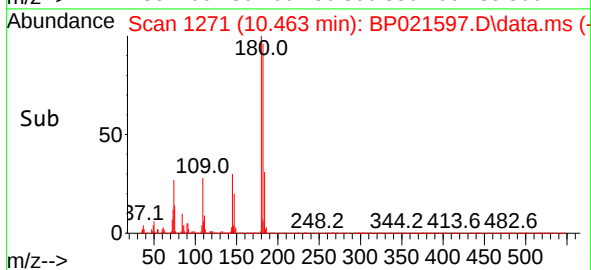
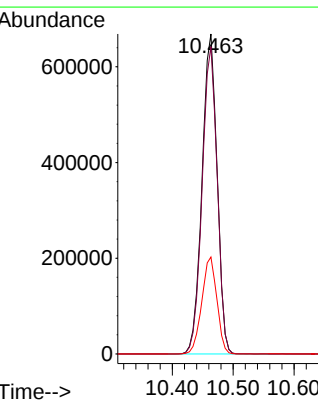
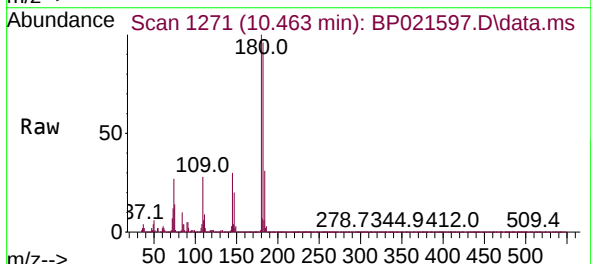
Tgt Ion:180 Resp: 1147380

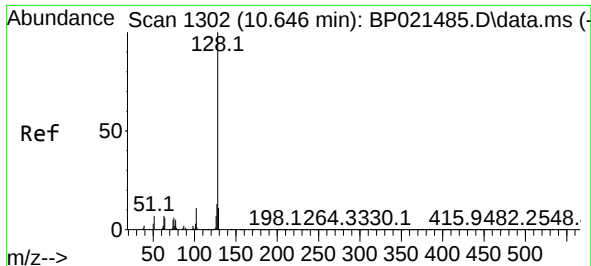
Ion Ratio Lower Upper

180 100

182 96.0 78.3 117.5

145 30.3 24.0 36.0





#31
Naphthalene
Concen: 42.053 ng
RT: 10.640 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

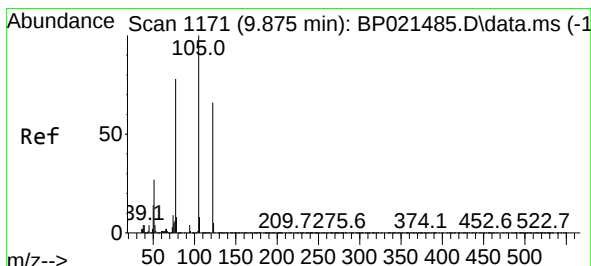
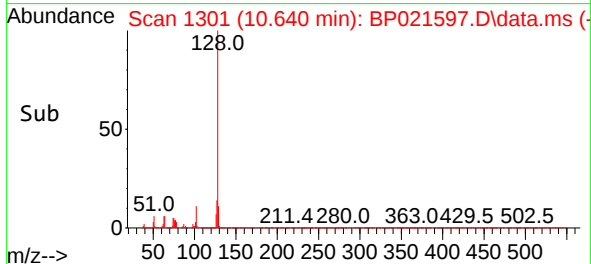
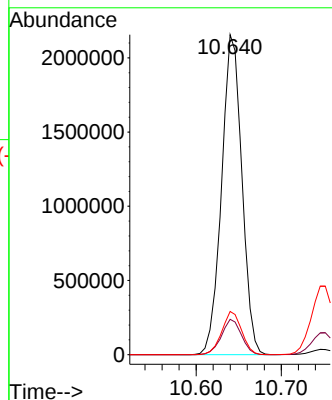
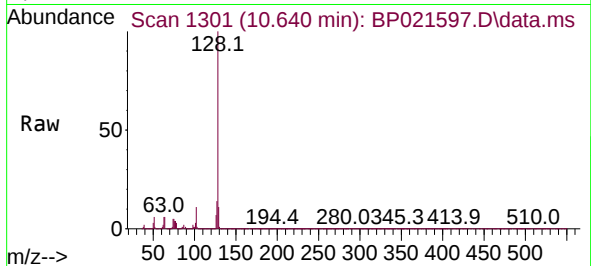
ClientSampleId :

PB162631BS

Tgt Ion:128 Resp: 3567580
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.5 10.6 15.8

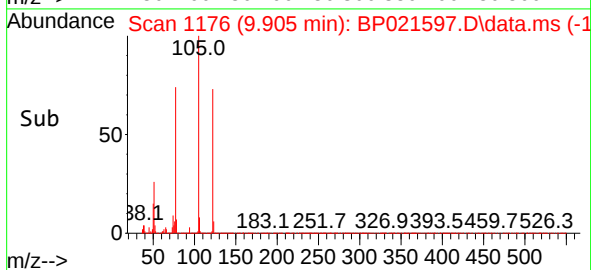
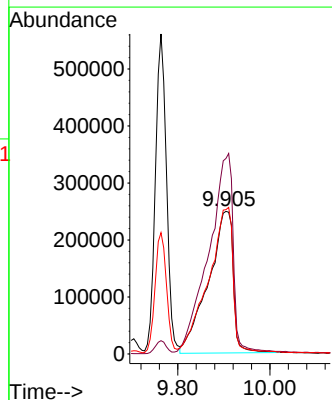
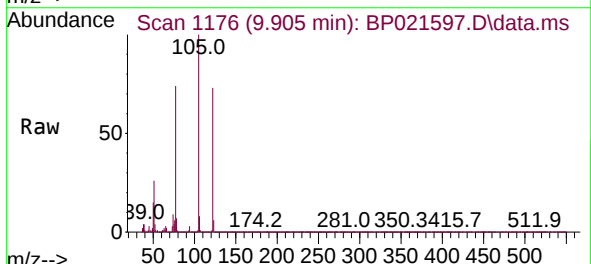
Manual Integrations
APPROVED

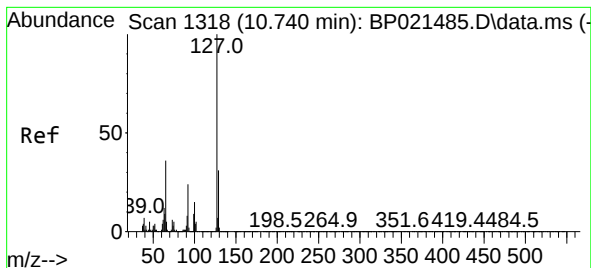
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#32
Benzoic acid
Concen: 66.787 ng
RT: 9.905 min Scan# 1176
Delta R.T. 0.030 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion:122 Resp: 932432
Ion Ratio Lower Upper
122 100
105 137.1 124.6 164.6
77 101.3 96.2 136.2





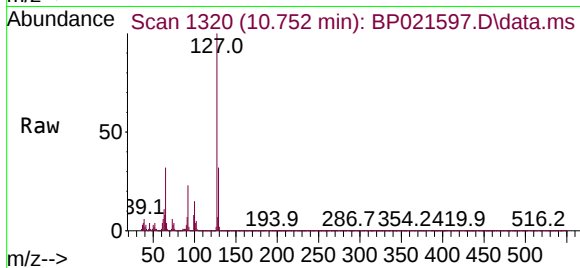
#33
4-Chloroaniline
Concen: 27.425 ng
RT: 10.752 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS



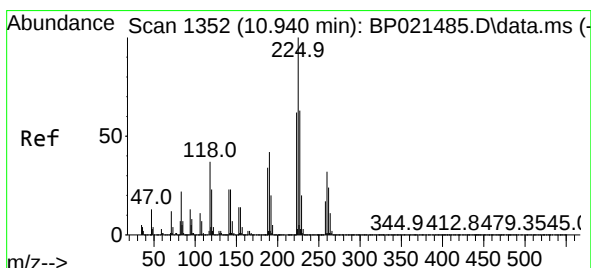
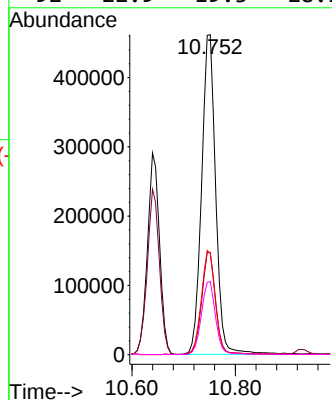
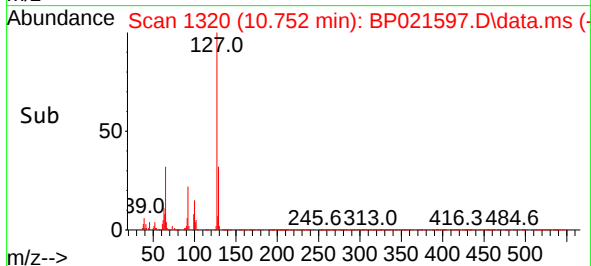
Tgt Ion:127 Resp: 873958
Ion Ratio Lower Upper
127 100
129 31.9 24.5 36.7
65 31.7 28.9 43.3
92 22.9 19.3 28.9

Manual Integrations

APPROVED

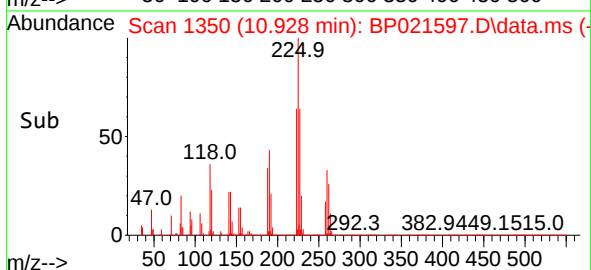
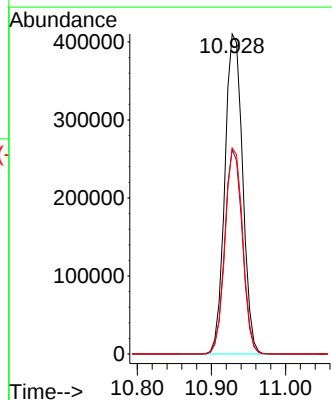
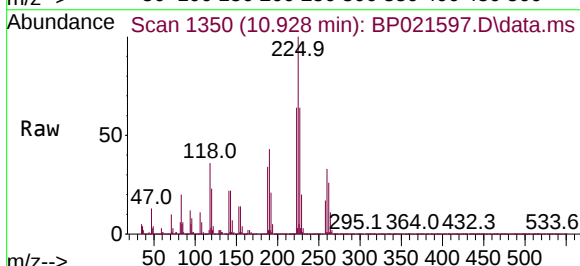
Reviewed By :Yogesh Patel 08/22/2024

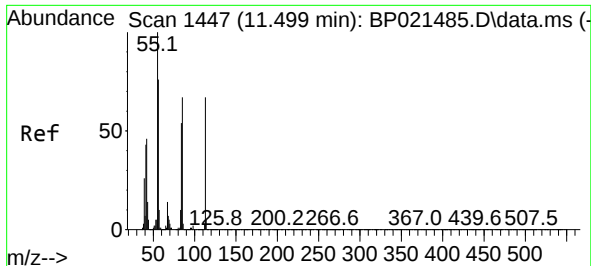
Supervised By :mohammad ahmed 08/22/2024



#34
Hexachlorobutadiene
Concen: 38.862 ng
RT: 10.928 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

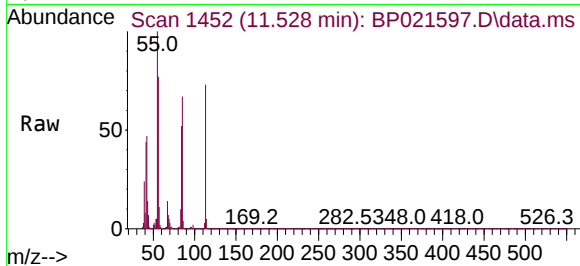
Tgt Ion:225 Resp: 679908
Ion Ratio Lower Upper
225 100
223 64.0 49.6 74.4
227 64.3 50.1 75.1





#35
Caprolactam
Concen: 49.319 ng m
RT: 11.528 min Scan# 1449
Delta R.T. 0.029 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

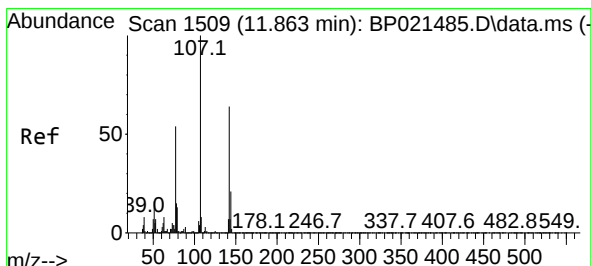
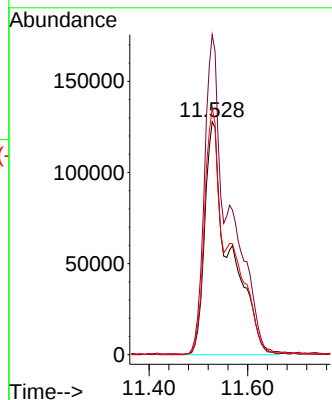
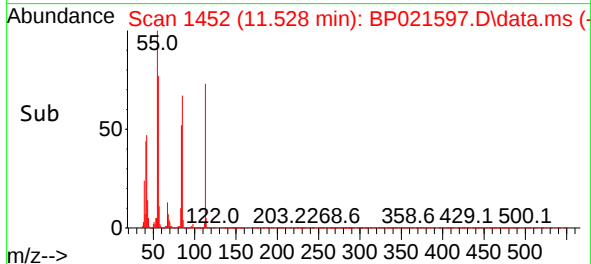
Instrument :
BNA_P
ClientSampleId :
PB162631BS



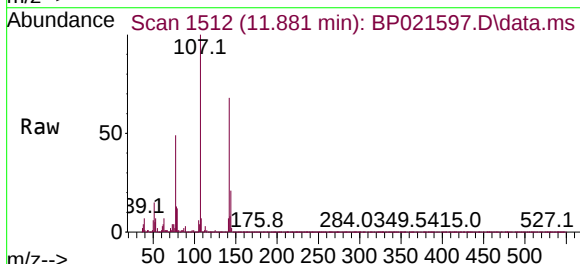
Tgt Ion:113 Resp: 44492
Ion Ratio Lower Upper
113 100
55 137.3 130.6 170.6
56 106.0 94.6 134.6

Manual Integrations
APPROVED

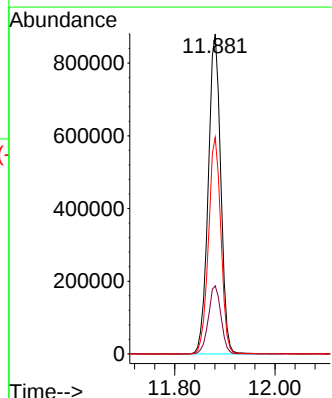
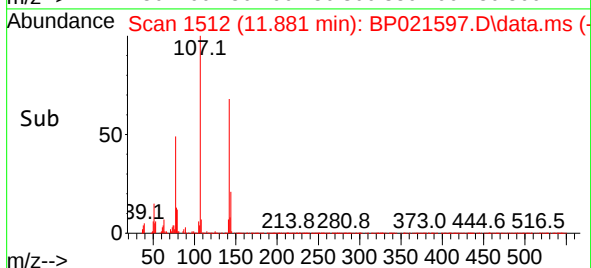
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

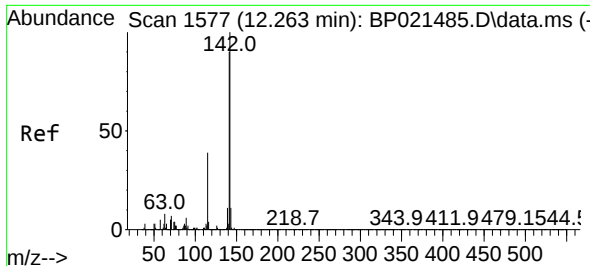


#36
4-Chloro-3-methylphenol
Concen: 50.759 ng
RT: 11.881 min Scan# 1512
Delta R.T. 0.018 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35



Tgt Ion:107 Resp: 1526057
Ion Ratio Lower Upper
107 100
144 21.3 16.6 24.8
142 67.6 51.0 76.4





#37
2-Methylnaphthalene
Concen: 42.166 ng
RT: 12.263 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

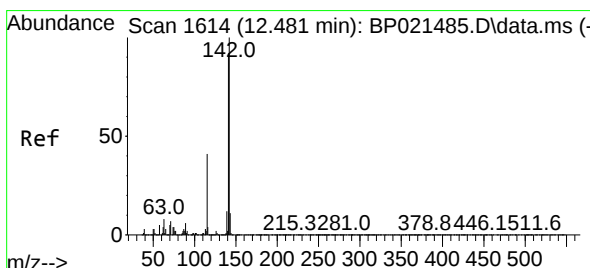
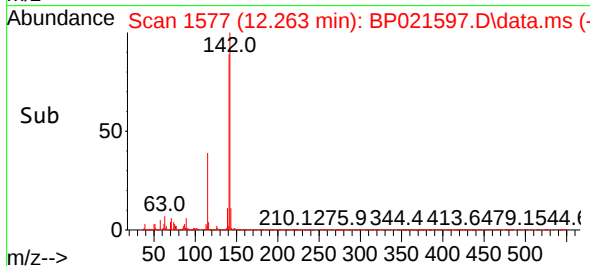
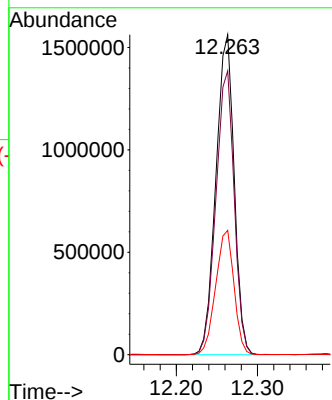
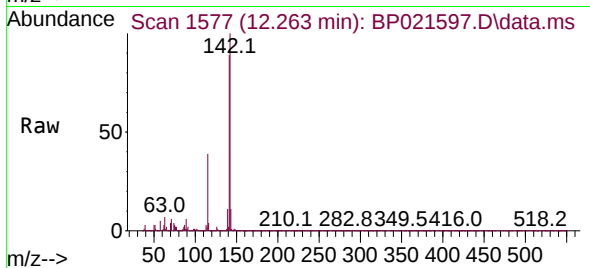
PB162631BS

Tgt Ion:142 Resp: 2441424
Ion Ratio Lower Upper
142 100
141 88.7 71.7 107.5
115 38.8 31.4 47.2

Manual Integrations

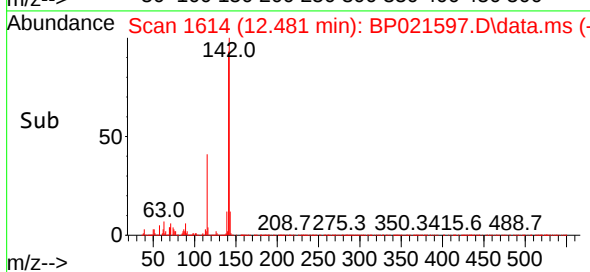
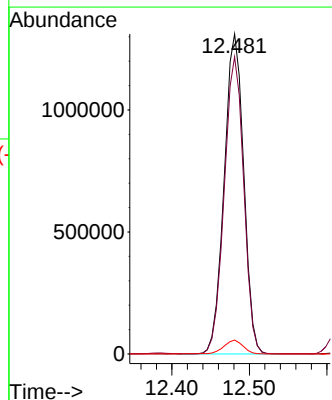
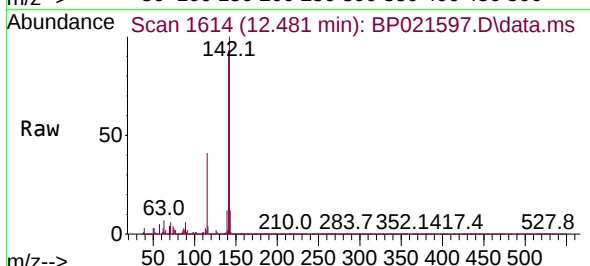
APPROVED

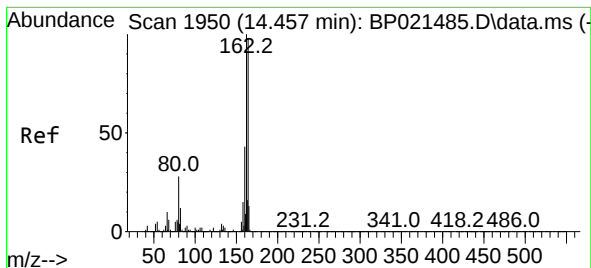
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#38
1-Methylnaphthalene
Concen: 40.255 ng
RT: 12.481 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion:142 Resp: 2298776
Ion Ratio Lower Upper
142 100
141 92.9 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: BP021597.D

Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:164 Resp: 108968

Ion Ratio Lower Upper

164 100

162 99.6 81.5 122.3

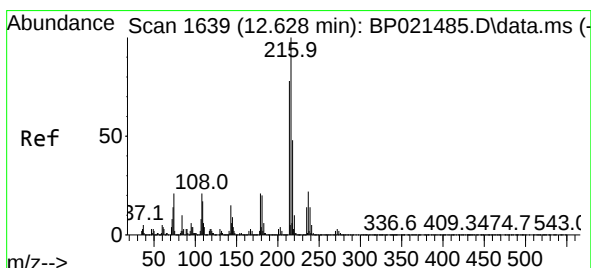
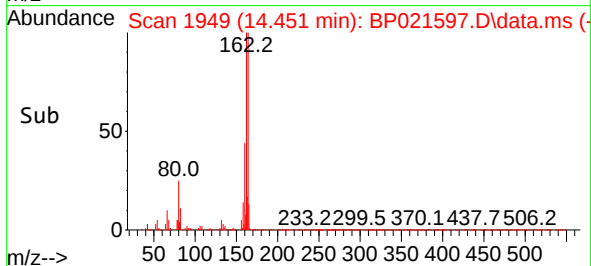
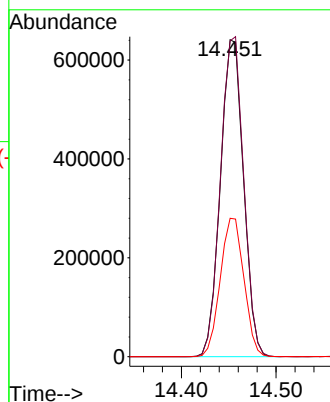
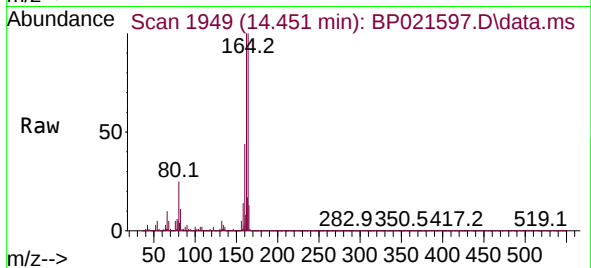
160 43.7 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.362 ng

RT: 12.628 min Scan# 1639

Delta R.T. -0.000 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

Tgt Ion:216 Resp: 1224828

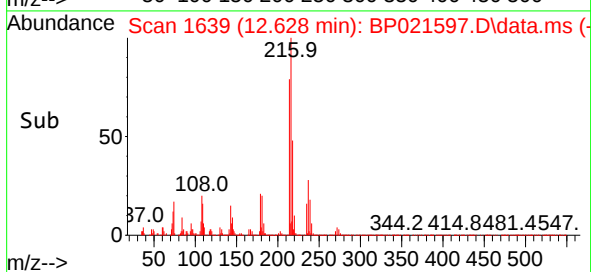
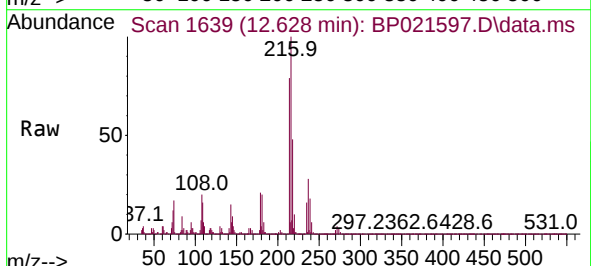
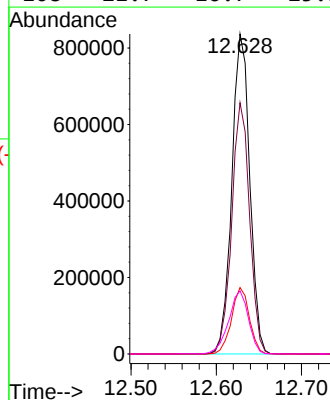
Ion Ratio Lower Upper

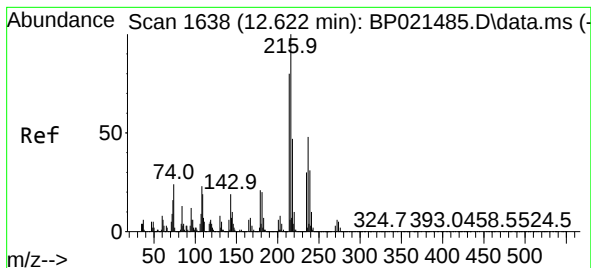
216 100

214 78.1 62.5 93.7

179 20.7 16.4 24.6

108 21.7 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 105.577 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021597.D

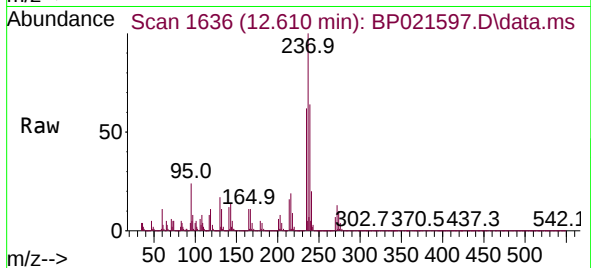
Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS



Tgt Ion:237 Resp: 106835

Ion Ratio Lower Upper

237 100

235 62.2 43.9 83.9

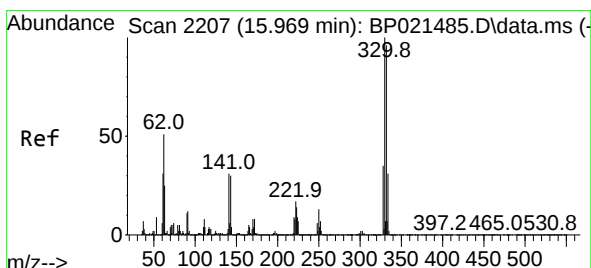
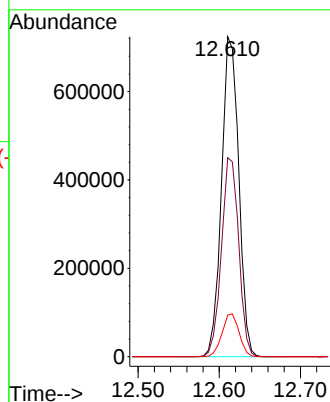
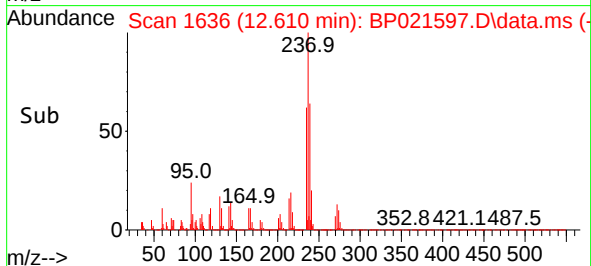
272 13.0 0.0 33.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#42

2,4,6-Tribromophenol

Concen: 151.911 ng

RT: 15.981 min Scan# 2209

Delta R.T. 0.012 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

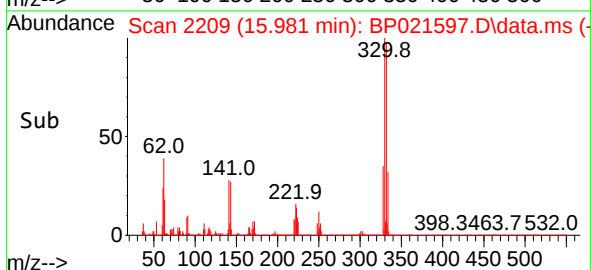
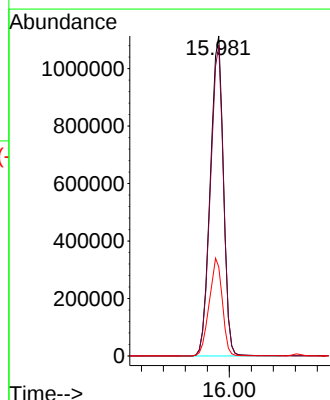
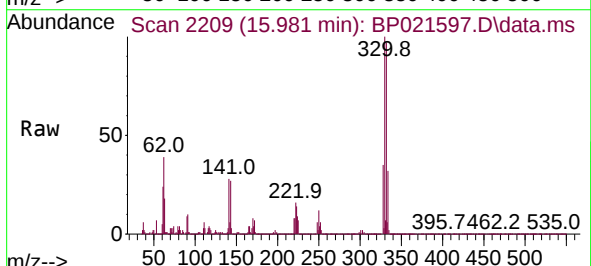
Tgt Ion:330 Resp: 1842343

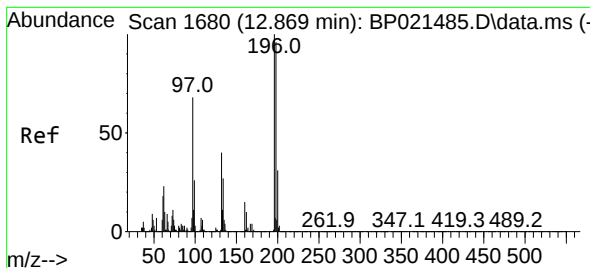
Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 30.4 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 53.982 ng

RT: 12.875 min Scan# 1680

Delta R.T. 0.006 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS

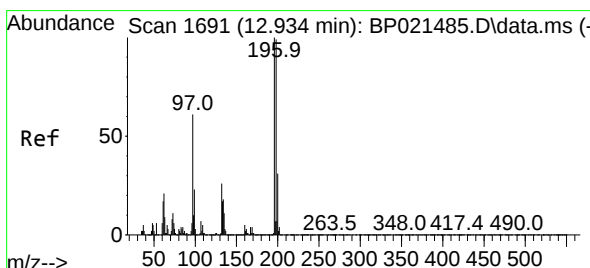
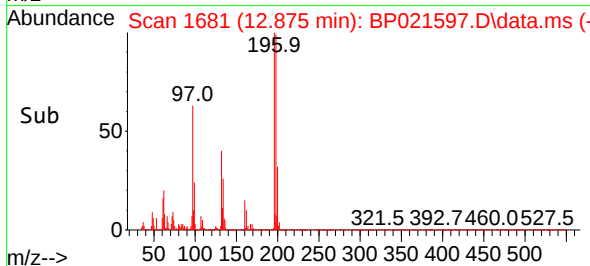
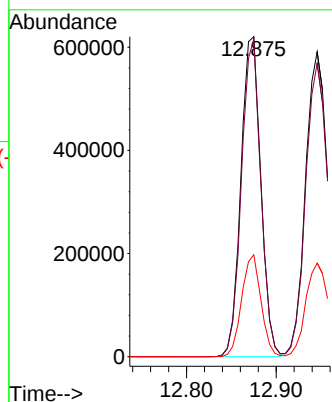
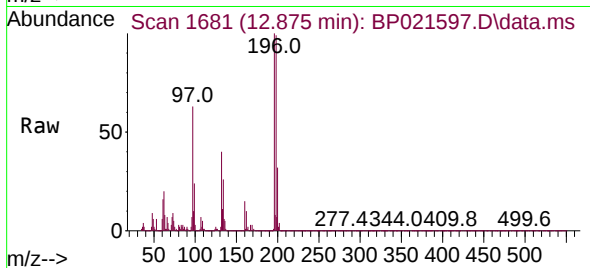
Tgt Ion:196	Resp: 957394
Ion Ratio	Lower Upper
196	100
198	99.2 76.6 114.8
200	31.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#44

2,4,5-Trichlorophenol

Concen: 52.715 ng

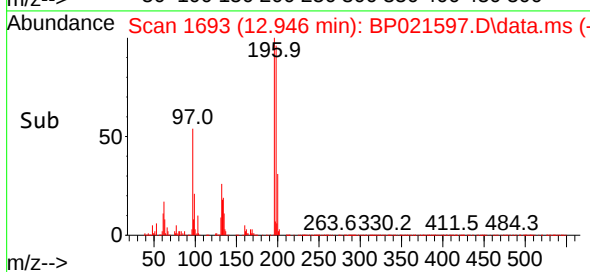
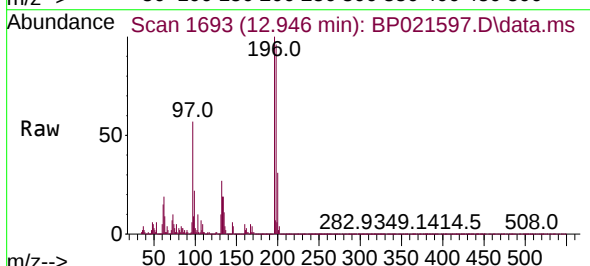
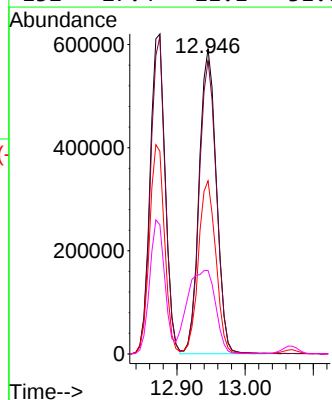
RT: 12.946 min Scan# 1693

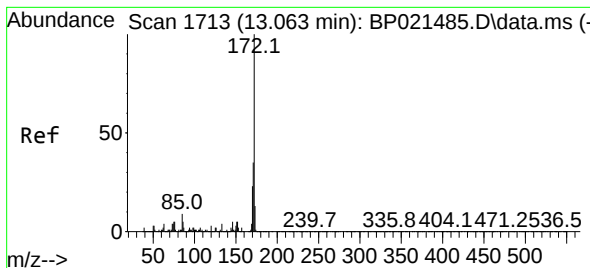
Delta R.T. 0.012 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

Tgt Ion:196	Resp: 1038746
Ion Ratio	Lower Upper
196	100
198	96.2 78.9 118.3
97	56.8 49.4 74.0
132	27.4 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 76.373 ng

RT: 13.069 min Scan# 1713

Delta R.T. 0.006 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:172 Resp: 5453068

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.4

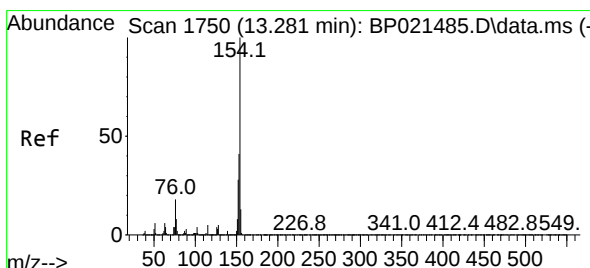
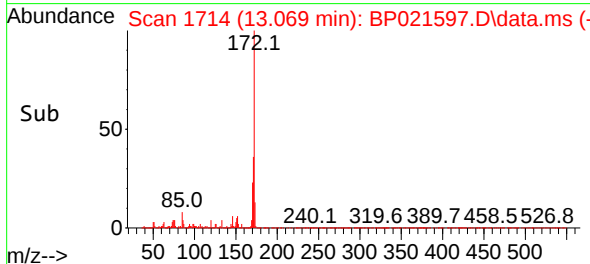
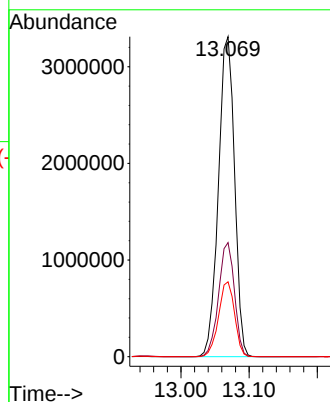
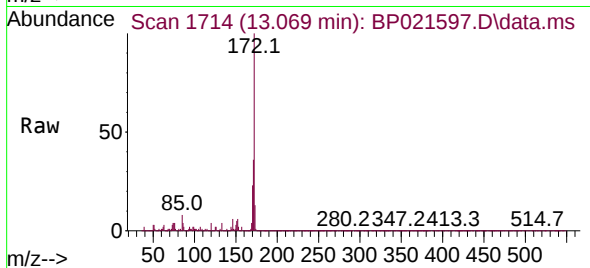
170 23.4 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#46

1,1'-Biphenyl

Concen: 38.693 ng

RT: 13.275 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

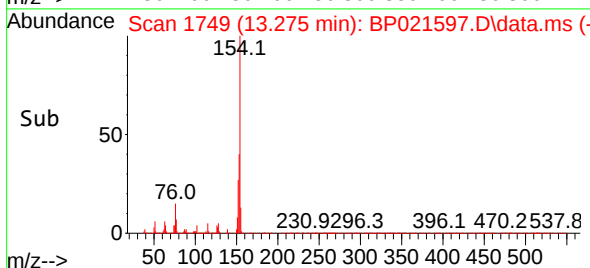
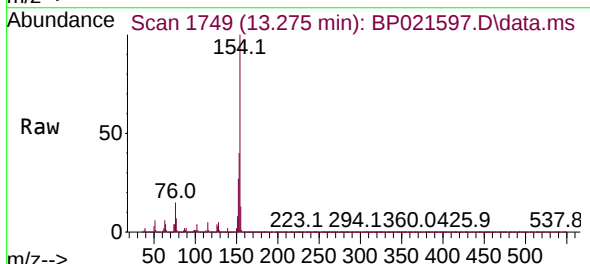
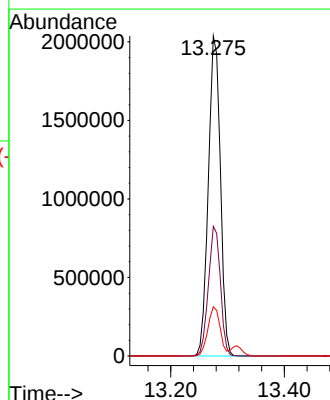
Tgt Ion:154 Resp: 2983073

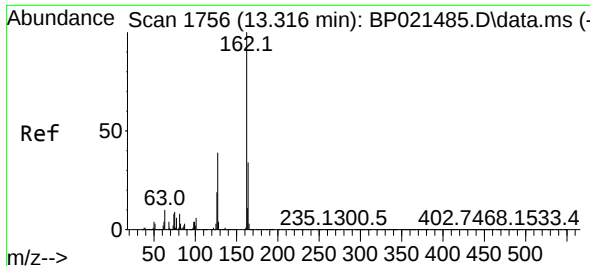
Ion Ratio Lower Upper

154 100

153 40.5 20.7 60.7

76 15.3 0.0 37.7





#47
2-Chloronaphthalene
Concen: 41.422 ng
RT: 13.316 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

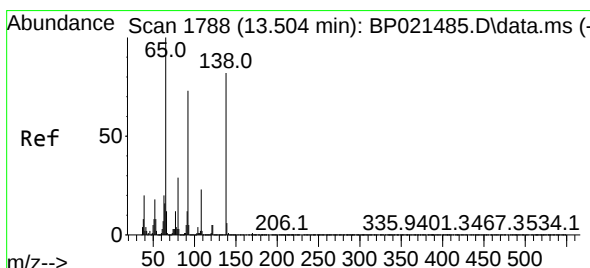
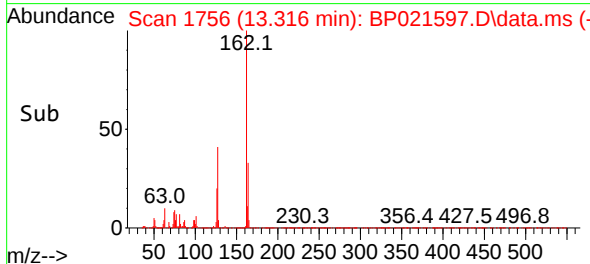
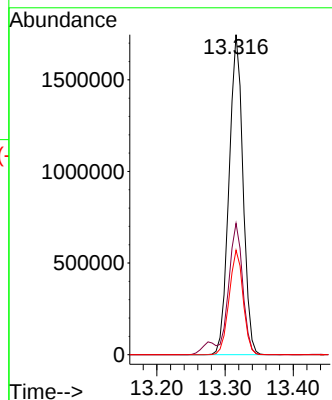
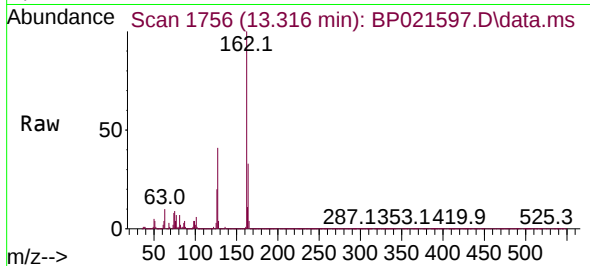
ClientSampleId :

PB162631BS

Tgt Ion:162 Resp: 248626
Ion Ratio Lower Upper
162 100
127 41.0 31.9 47.9
164 32.7 26.8 40.2

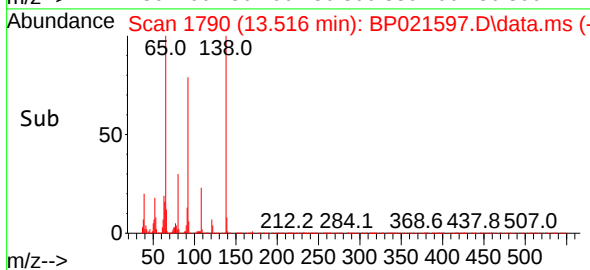
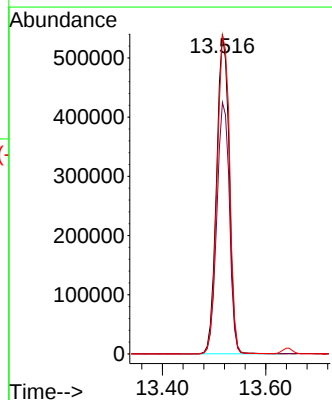
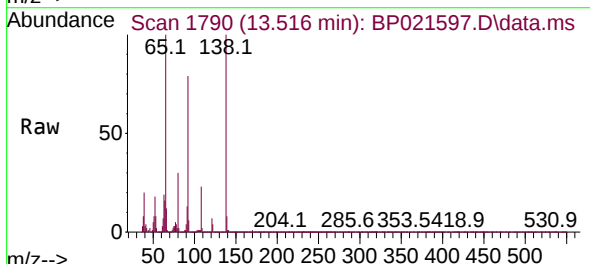
Manual Integrations
APPROVED

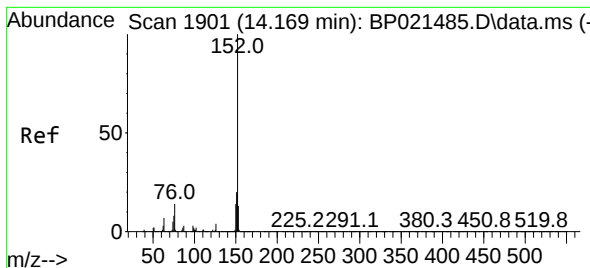
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#48
2-Nitroaniline
Concen: 53.545 ng
RT: 13.516 min Scan# 1790
Delta R.T. 0.012 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion: 65 Resp: 911970
Ion Ratio Lower Upper
65 100
92 78.6 58.1 87.1
138 99.6 65.5 98.3





#49

Acenaphthylene

Concen: 47.547 ng

RT: 14.175 min Scan# 1901

Delta R.T. 0.006 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:152 Resp: 419528

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

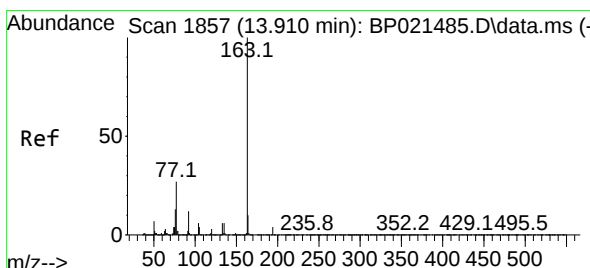
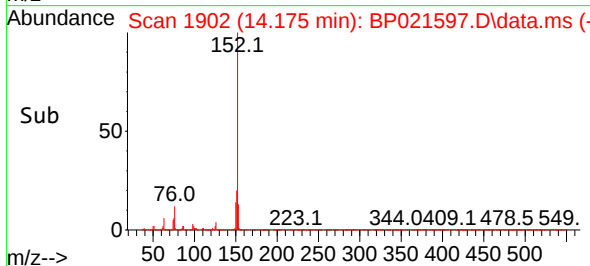
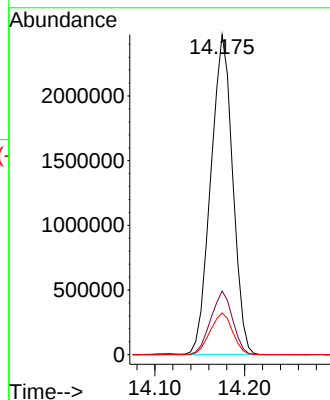
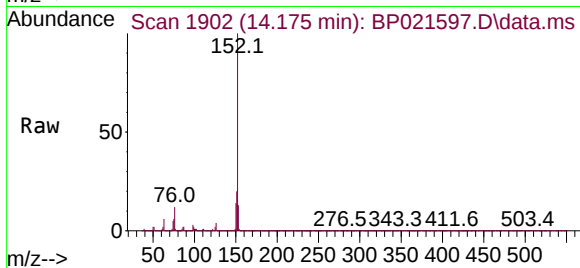
153 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#50

Dimethylphthalate

Concen: 45.226 ng

RT: 13.910 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

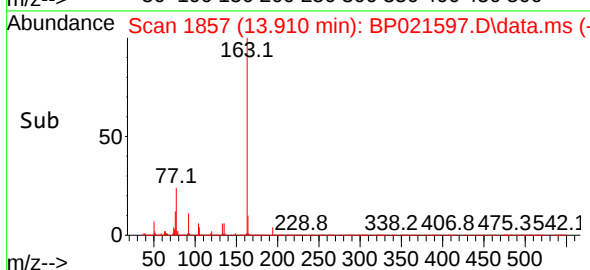
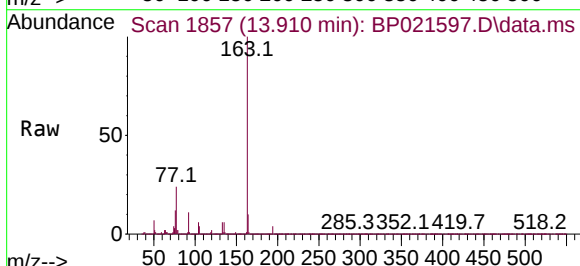
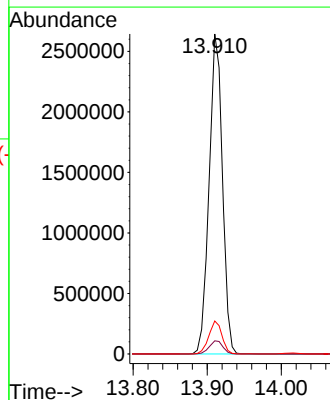
Tgt Ion:163 Resp: 3300392

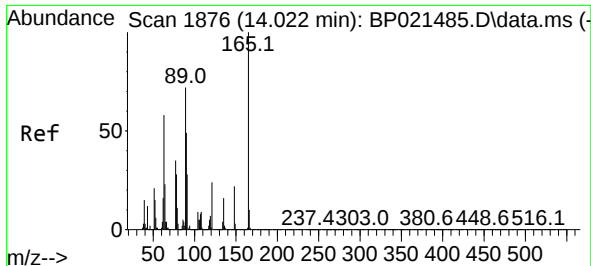
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

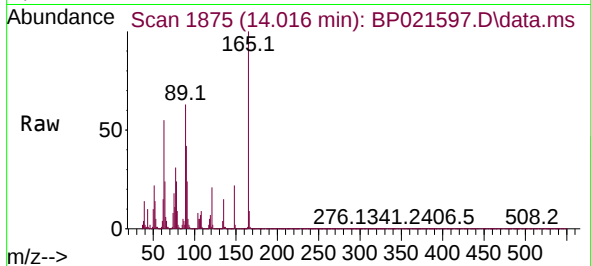
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 50.239 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

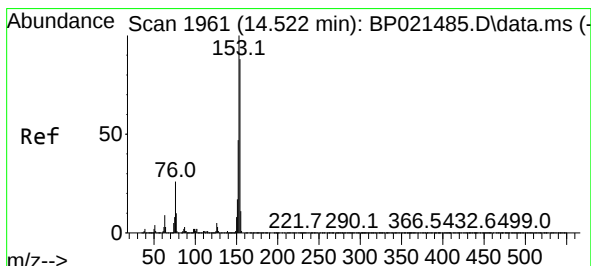
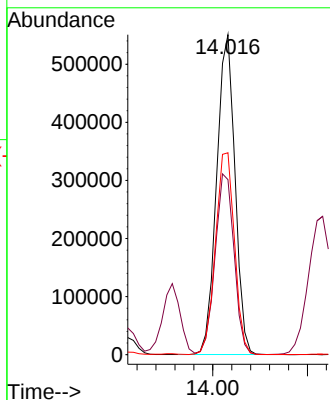
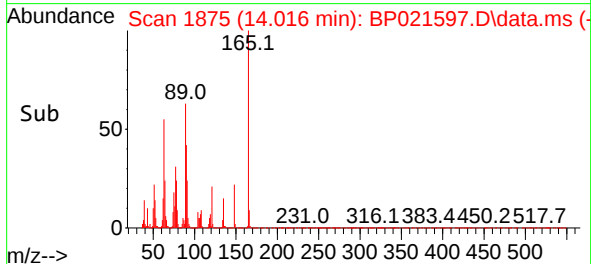
Instrument :
BNA_P
ClientSampleId :
PB162631BS



Tgt Ion:165 Resp: 742630
Ion Ratio Lower Upper
165 100
63 54.7 51.5 77.3
89 63.1 57.8 86.8

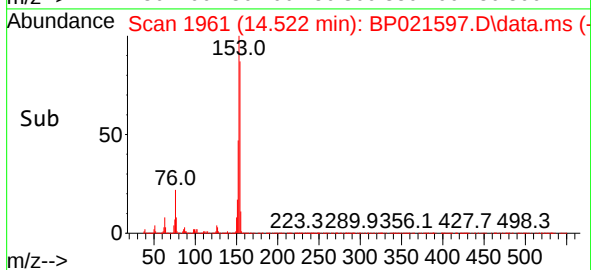
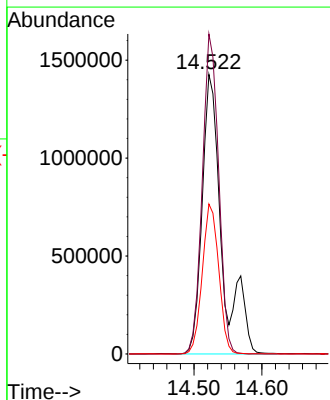
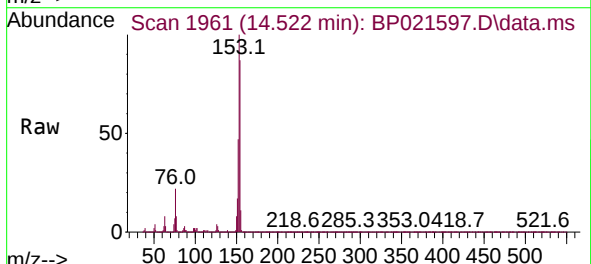
Manual Integrations
APPROVED

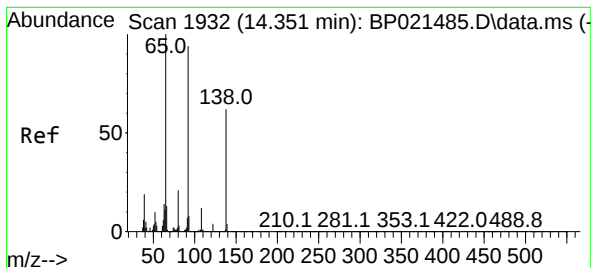
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#52
Acenaphthene
Concen: 50.243 ng m
RT: 14.522 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

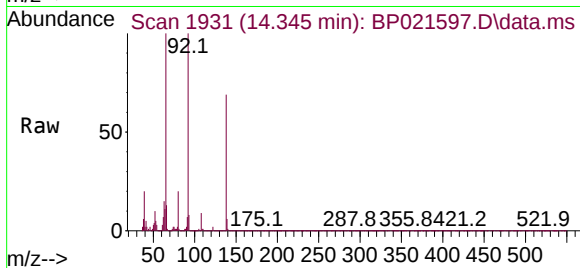
Tgt Ion:154 Resp: 2908796
Ion Ratio Lower Upper
154 100
153 114.5 91.1 136.7
152 53.6 43.0 64.4





#53
3-Nitroaniline
Concen: 44.148 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

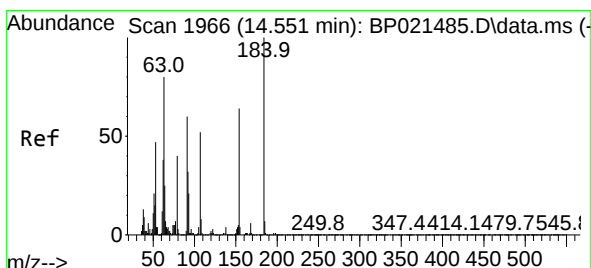
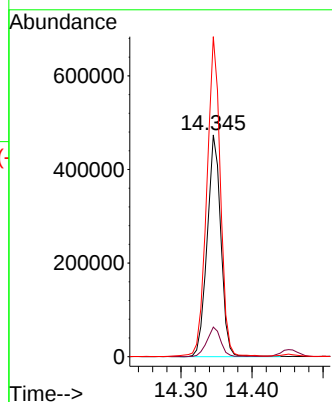
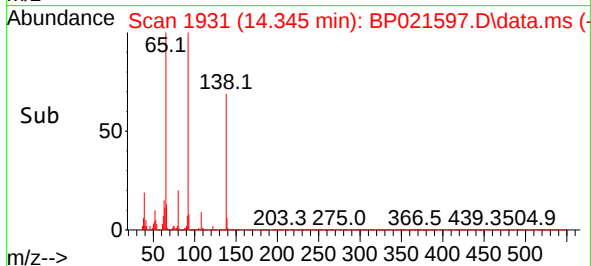
Instrument :
BNA_P
ClientSampleId :
PB162631BS



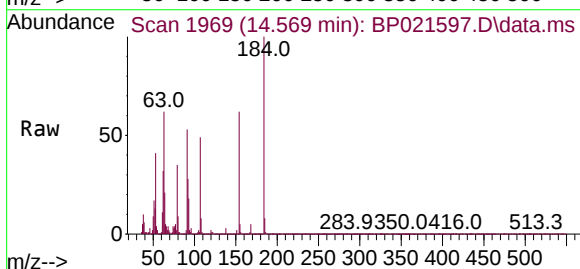
Tgt Ion:138 Resp: 633940
Ion Ratio Lower Upper
138 100
108 13.4 16.2 24.4
92 144.2 122.2 183.4

Manual Integrations
APPROVED

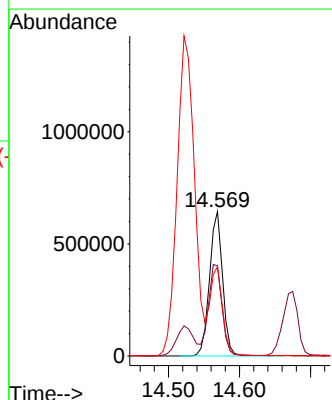
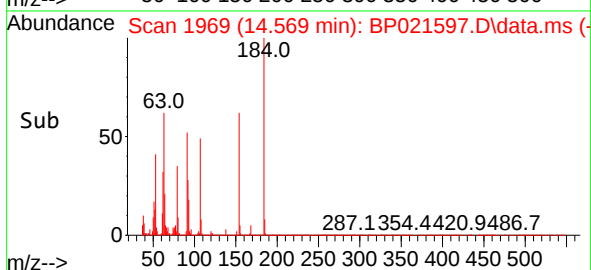
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

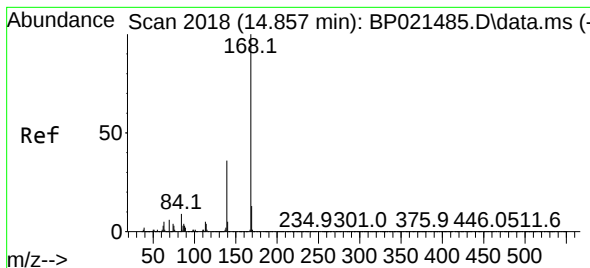


#54
2,4-Dinitrophenol
Concen: 124.433 ng
RT: 14.569 min Scan# 1969
Delta R.T. 0.018 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35



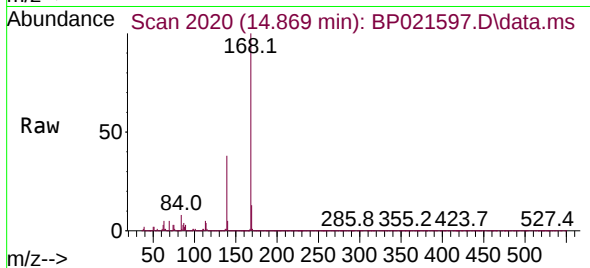
Tgt Ion:184 Resp: 827604
Ion Ratio Lower Upper
184 100
63 62.4 64.9 97.3
154 61.8 52.1 78.1





#55
Dibenzenofuran
Concen: 44.427 ng
RT: 14.869 min Scan# 2018
Delta R.T. 0.012 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

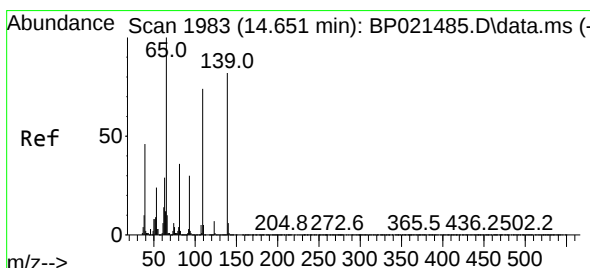
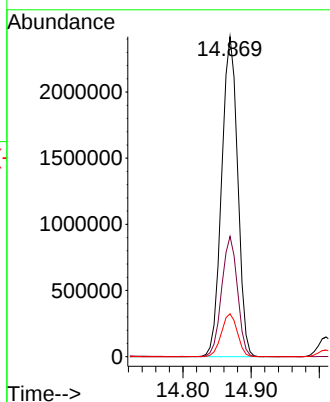
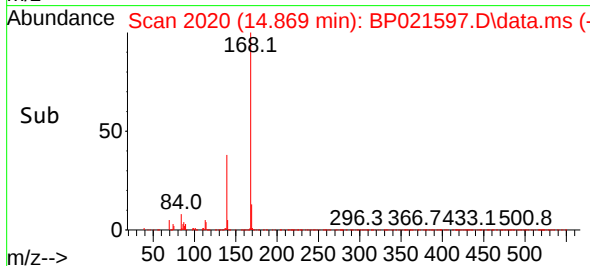
Instrument :
BNA_P
ClientSampleId :
PB162631BS



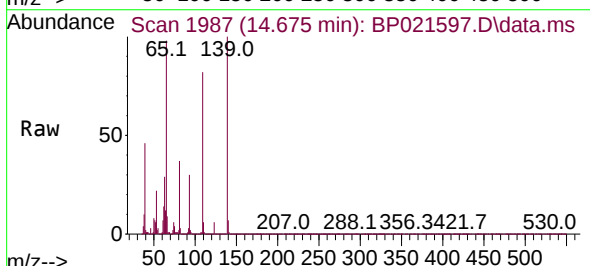
Tgt Ion:168 Resp: 3956692
Ion Ratio Lower Upper
168 100
139 37.6 28.6 43.0
169 13.4 10.6 16.0

Manual Integrations
APPROVED

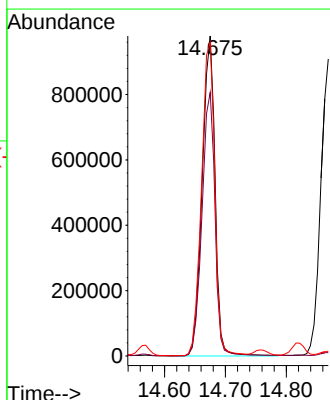
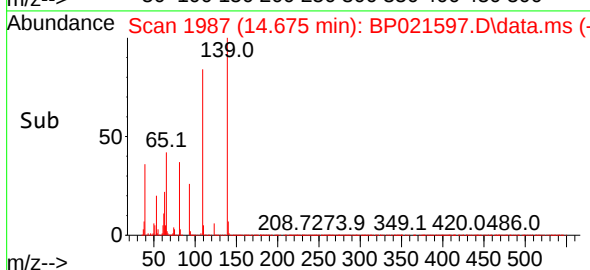
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

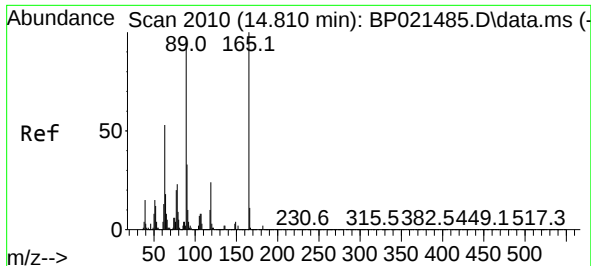


#56
4-Nitrophenol
Concen: 116.029 ng
RT: 14.675 min Scan# 1987
Delta R.T. 0.024 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35



Tgt Ion:139 Resp: 1433840
Ion Ratio Lower Upper
139 100
109 82.4 70.2 110.2
65 98.0 101.8 141.8#





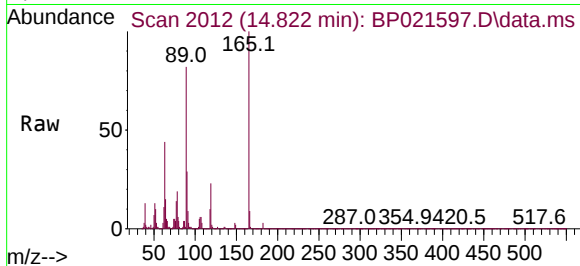
#57
2,4-Dinitrotoluene
Concen: 56.706 ng
RT: 14.822 min Scan# 2012
Delta R.T. 0.012 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS

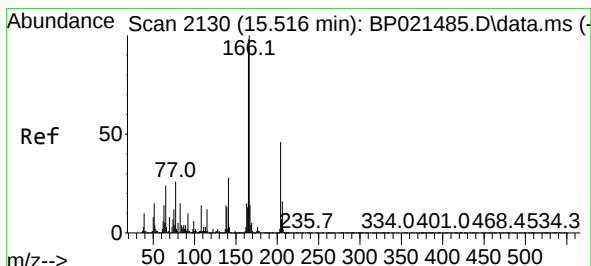
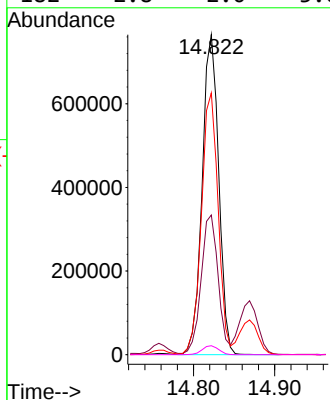
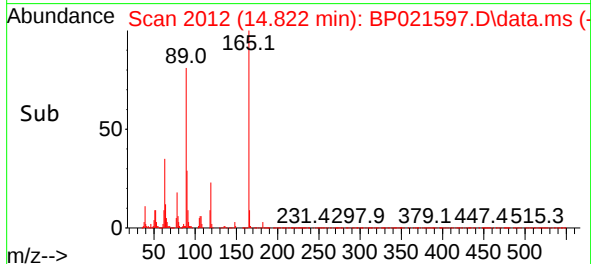


Tgt Ion:165 Resp: 108088
Ion Ratio Lower Upper
165 100
63 43.6 42.5 63.7
89 81.8 77.1 115.7
182 2.8 2.0 3.0

Manual Integrations

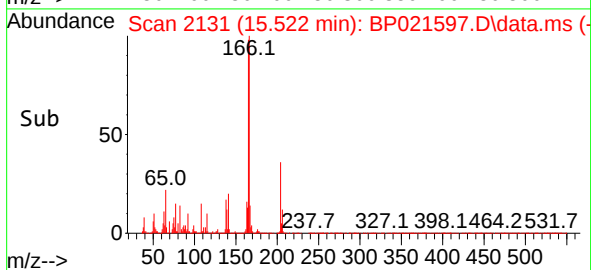
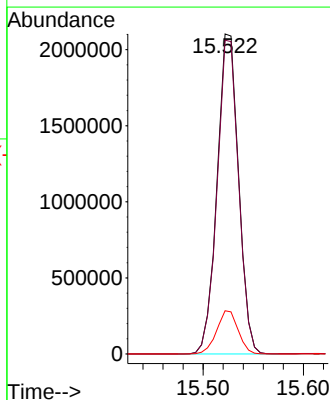
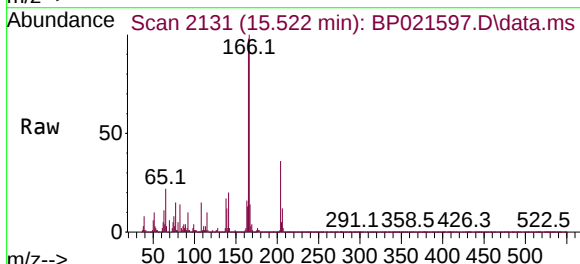
APPROVED

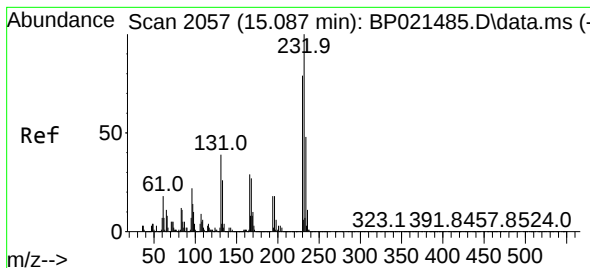
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#58
Fluorene
Concen: 42.819 ng
RT: 15.522 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion:166 Resp: 3132855
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.5 11.0 16.4





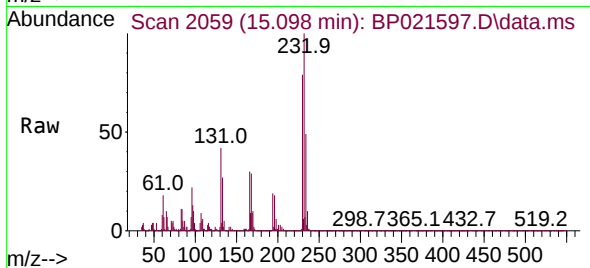
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.903 ng
RT: 15.098 min Scan# 2059
Delta R.T. 0.012 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS

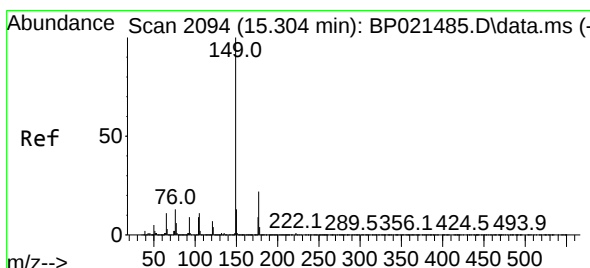
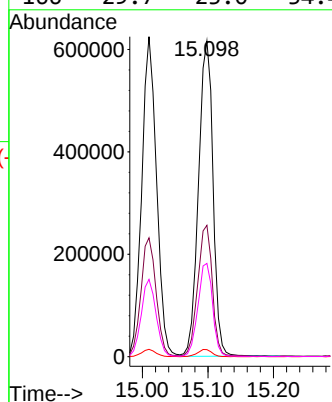
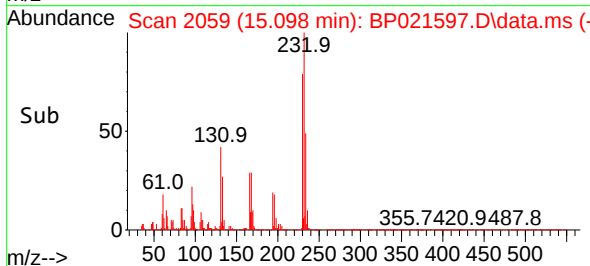


Tgt Ion:232 Resp: 951711
Ion Ratio Lower Upper
232 100
131 41.9 33.1 49.7
130 2.3 1.7 2.5
166 29.7 23.0 34.4

Manual Integrations

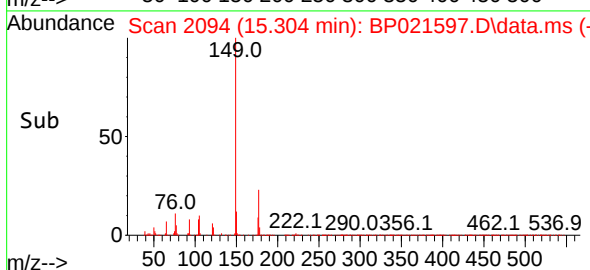
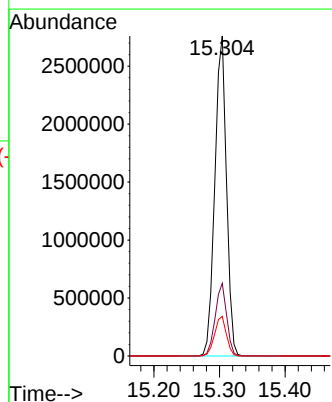
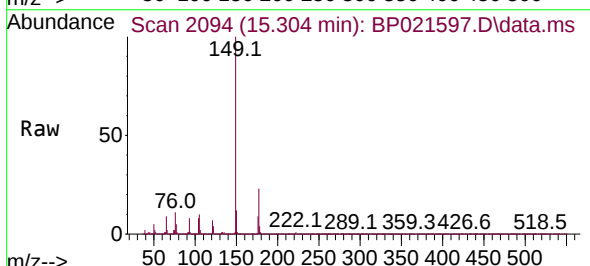
APPROVED

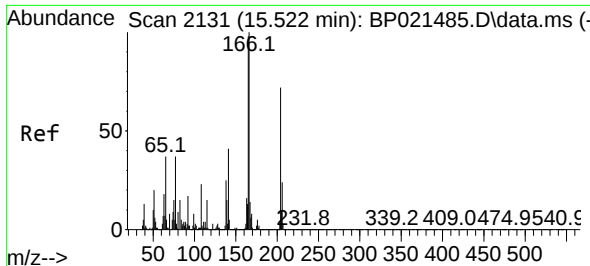
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#60
Diethylphthalate
Concen: 45.382 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

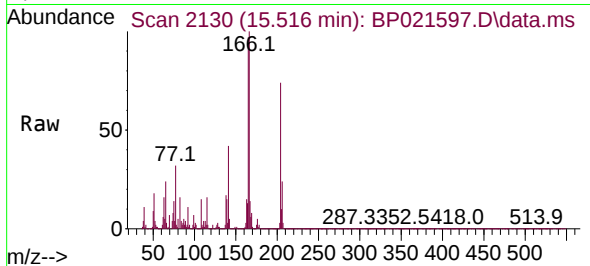
Tgt Ion:149 Resp: 3398001
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.132 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

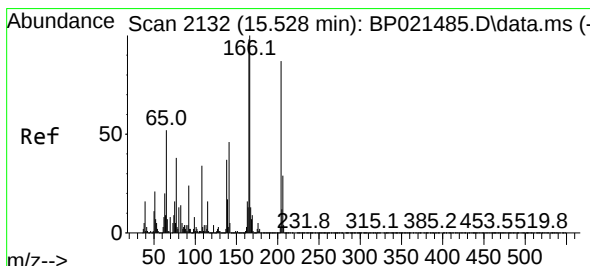
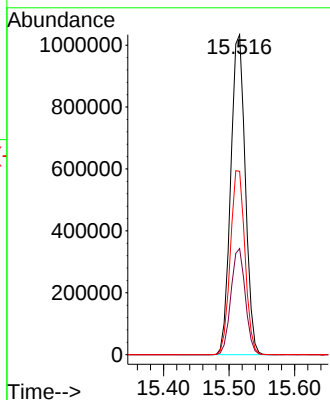
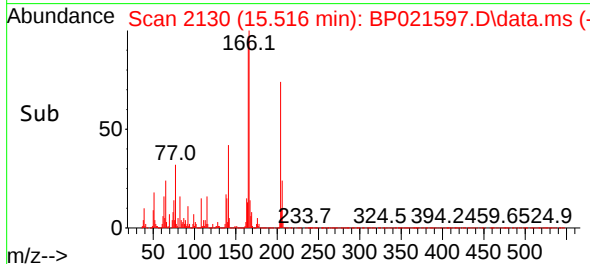
Instrument :
BNA_P
ClientSampleId :
PB162631BS



Tgt Ion:204 Resp: 1593414
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 57.3 46.1 69.1

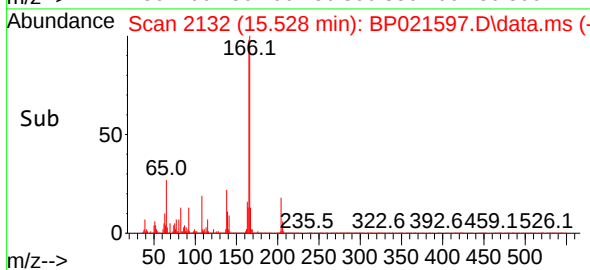
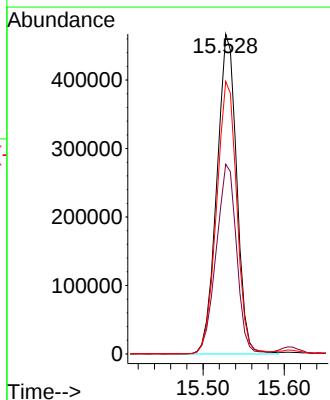
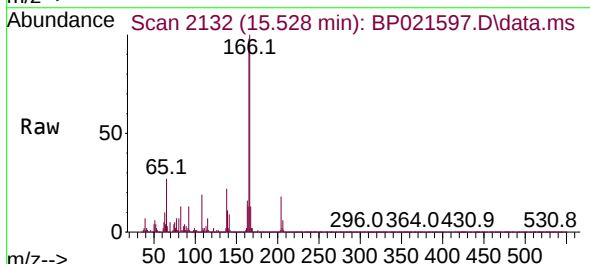
Manual Integrations
APPROVED

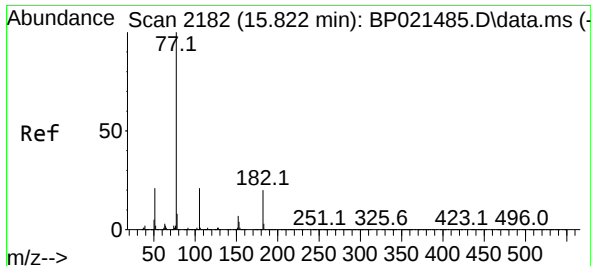
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#62
4-Nitroaniline
Concen: 53.019 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

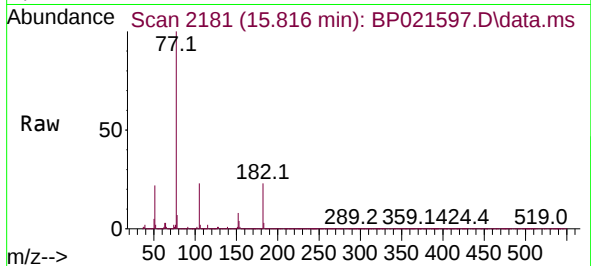
Tgt Ion:138 Resp: 793642
Ion Ratio Lower Upper
138 100
92 59.3 46.4 86.4
108 85.1 73.2 113.2





#63
Azobenzene
Concen: 39.850 ng
RT: 15.816 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

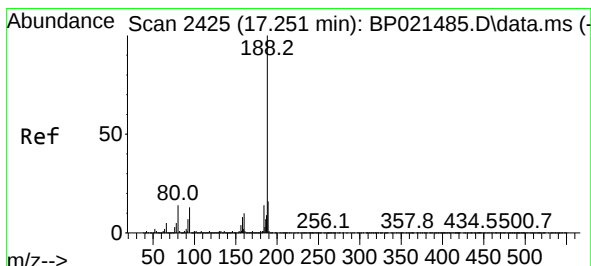
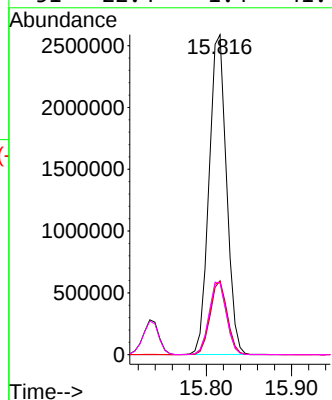
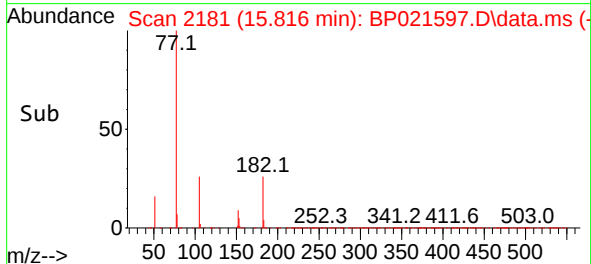
Instrument :
BNA_P
ClientSampleId :
PB162631BS



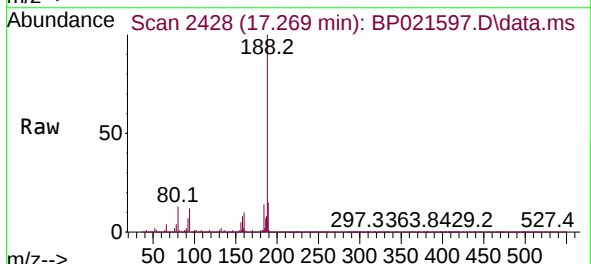
Tgt Ion: 77 Resp: 3667790
Ion Ratio Lower Upper
77 100
182 23.1 0.0 39.9
105 22.9 0.9 40.9
51 22.4 1.4 41.4

Manual Integrations
APPROVED

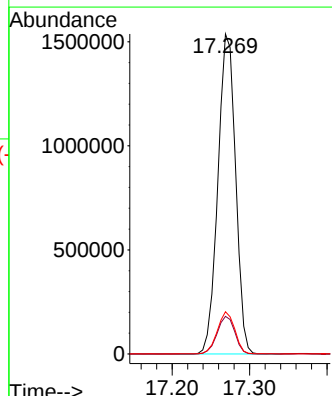
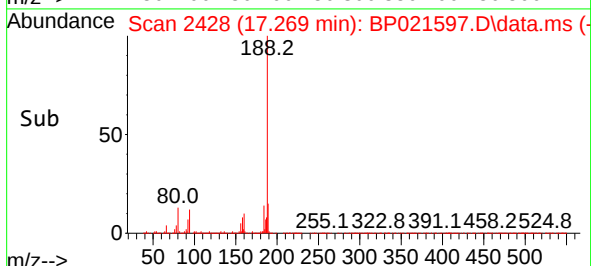
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

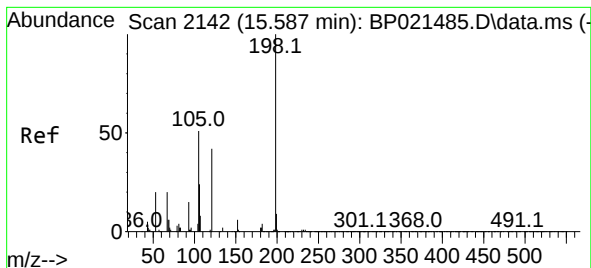


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. 0.018 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35



Tgt Ion:188 Resp: 2444315
Ion Ratio Lower Upper
188 100
94 11.8 10.2 15.4
80 13.2 11.6 17.4





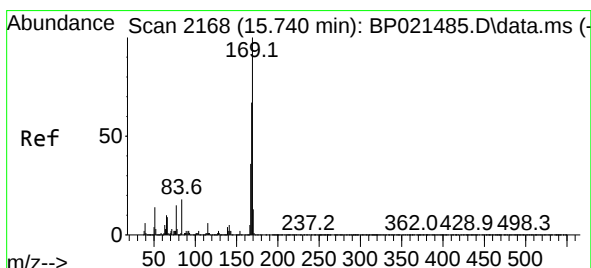
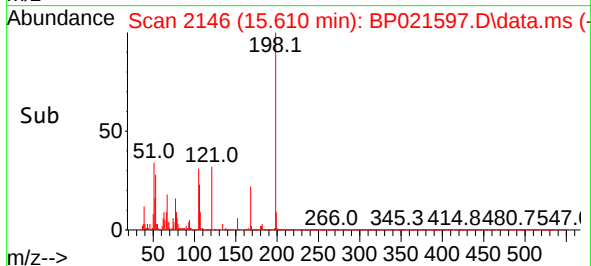
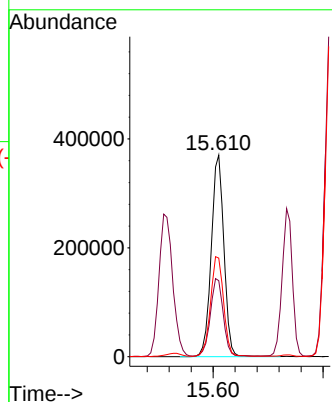
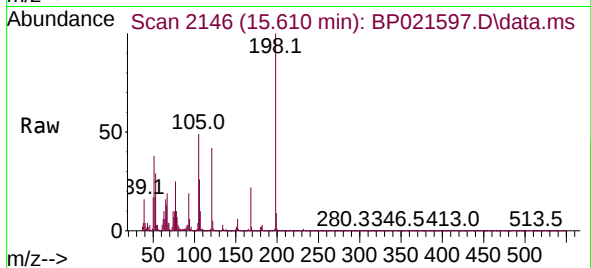
#65
4,6-Dinitro-2-methylphenol
Concen: 68.905 ng
RT: 15.610 min Scan# 2146
Delta R.T. 0.023 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion:198 Resp: 590379
Ion Ratio Lower Upper
198 100
51 37.7 21.5 61.5
105 48.9 32.9 72.9

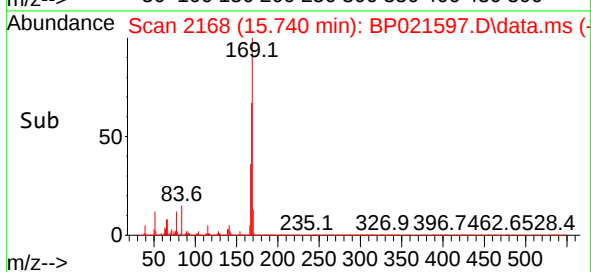
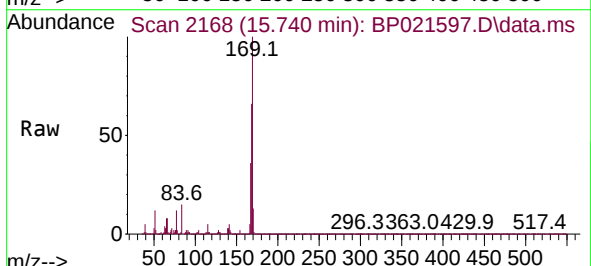
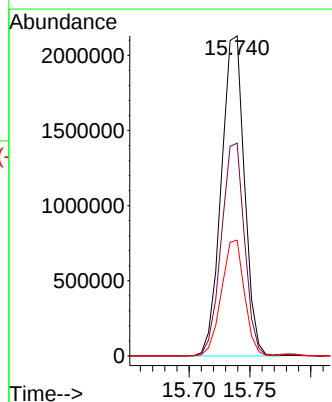
Manual Integrations
APPROVED

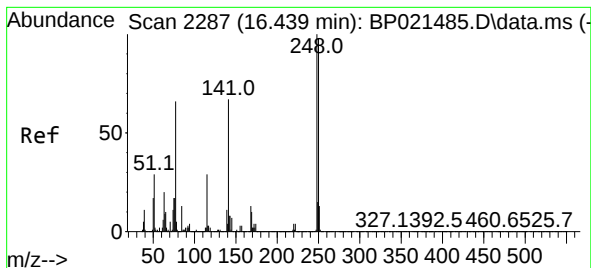
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#66
n-Nitrosodiphenylamine
Concen: 42.947 ng
RT: 15.740 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion:169 Resp: 2813188
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 41.338 ng
RT: 16.434 min Scan# 2287
Delta R.T. -0.006 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

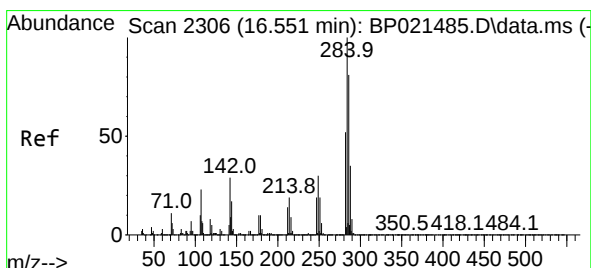
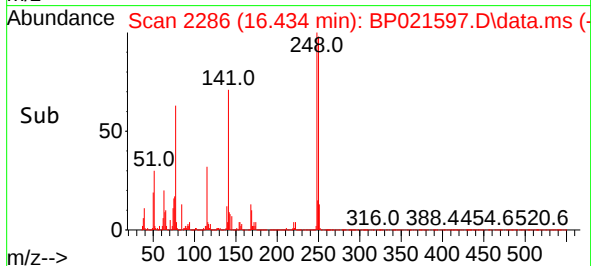
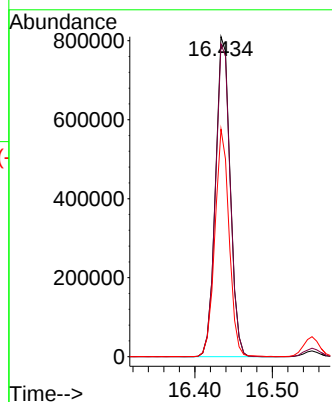
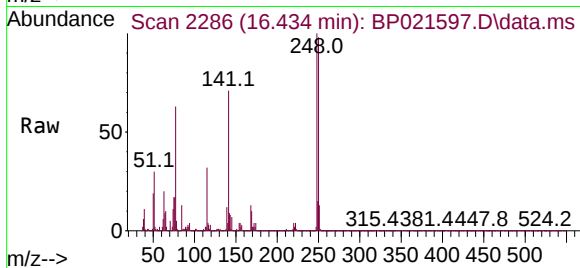
ClientSampleId :

PB162631BS

Tgt Ion:248 Resp: 1069388
Ion Ratio Lower Upper
248 100
250 97.7 78.6 117.8
141 71.1 53.9 80.9

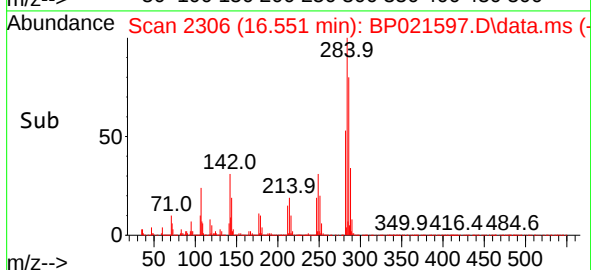
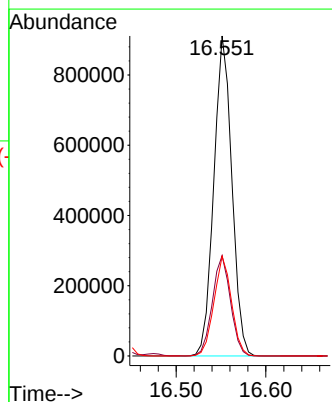
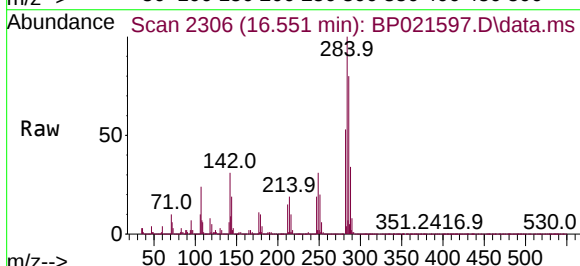
Manual Integrations
APPROVED

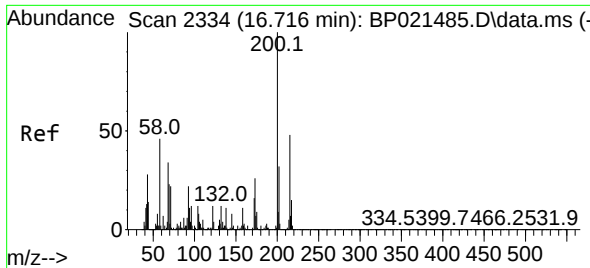
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#68
Hexachlorobenzene
Concen: 41.560 ng
RT: 16.551 min Scan# 2306
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

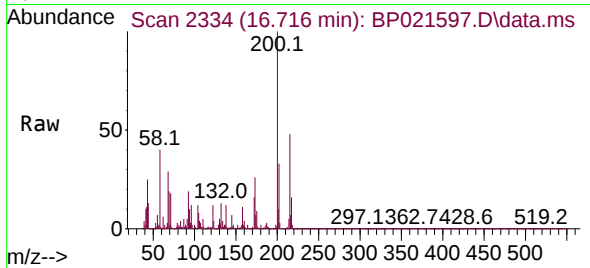
Tgt Ion:284 Resp: 1270572
Ion Ratio Lower Upper
284 100
142 31.4 23.4 35.2
249 31.2 24.1 36.1





#69
Atrazine
Concen: 40.523 ng
RT: 16.716 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

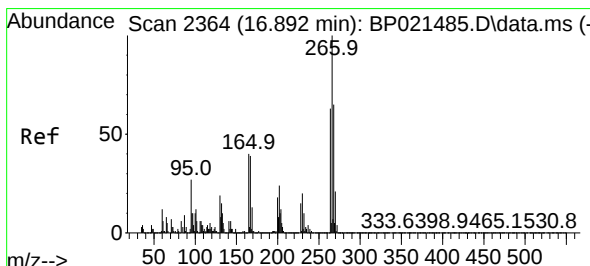
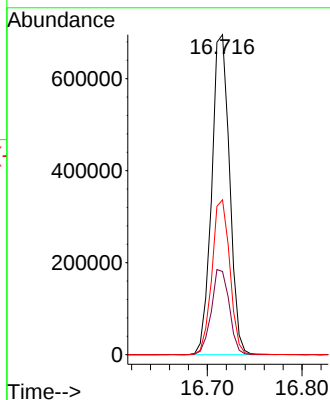
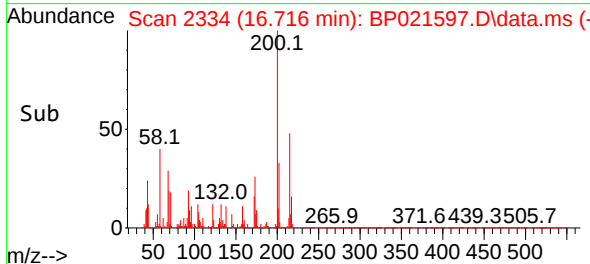
Instrument :
BNA_P
ClientSampleId :
PB162631BS



Tgt Ion:200 Resp: 91134
Ion Ratio Lower Upper
200 100
173 26.0 6.2 46.2
215 48.4 28.4 68.4

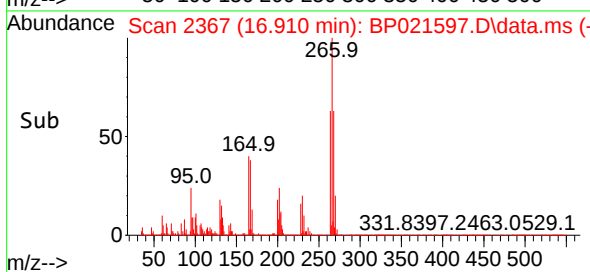
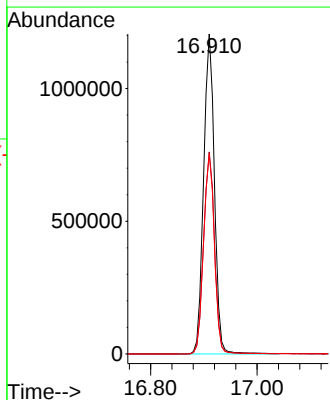
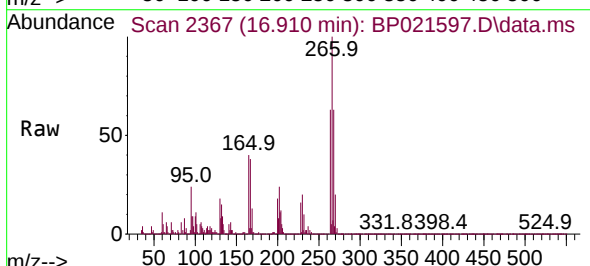
Manual Integrations
APPROVED

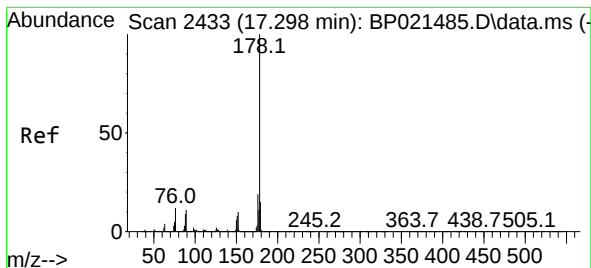
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#70
Pentachlorophenol
Concen: 101.704 ng
RT: 16.910 min Scan# 2367
Delta R.T. 0.018 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion:266 Resp: 1697042
Ion Ratio Lower Upper
266 100
268 63.2 51.8 77.6
264 62.7 50.5 75.7





#71

Phenanthrene

Concen: 44.316 ng

RT: 17.316 min Scan# 2433

Delta R.T. 0.018 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:178 Resp: 5209439

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

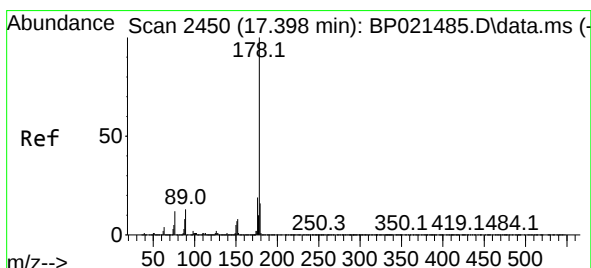
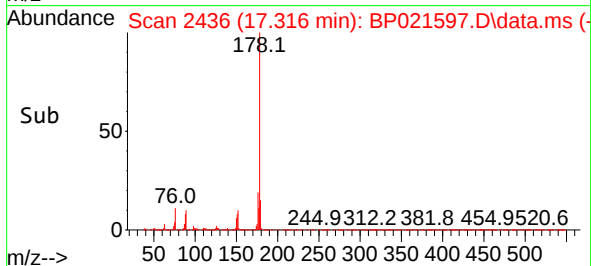
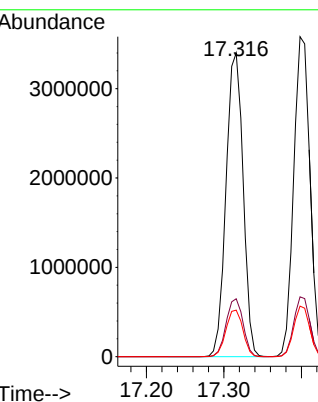
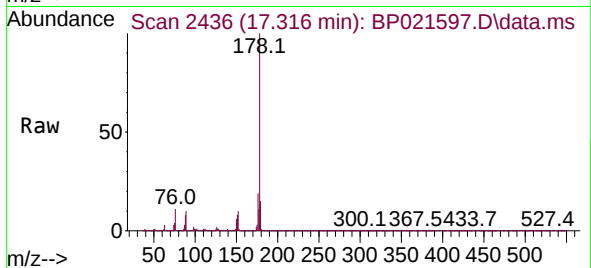
179 15.3 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#72

Anthracene

Concen: 45.316 ng

RT: 17.398 min Scan# 2450

Delta R.T. -0.000 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

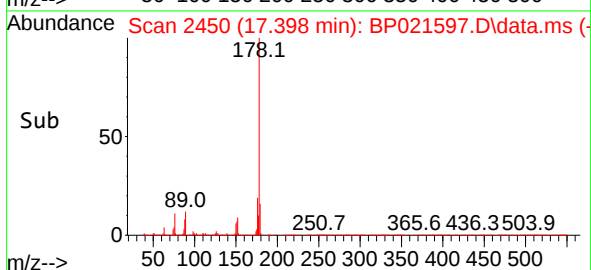
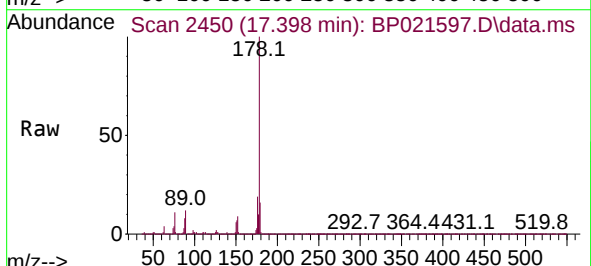
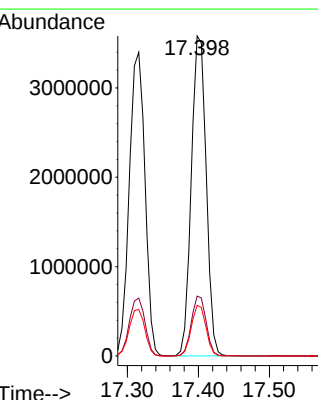
Tgt Ion:178 Resp: 5224317

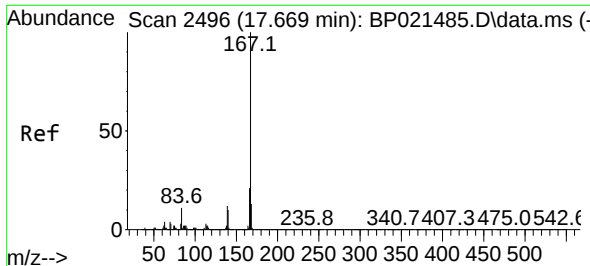
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

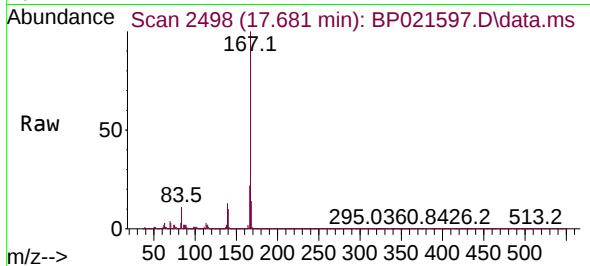
179 15.8 12.5 18.7





#73
 Carbazole
 Concen: 46.533 ng
 RT: 17.681 min Scan# 2496
 Delta R.T. 0.012 min
 Lab File: BP021597.D
 Acq: 21 Aug 2024 14:35

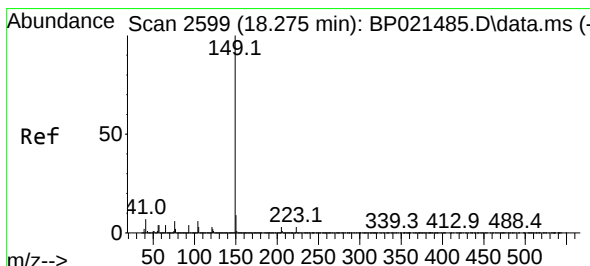
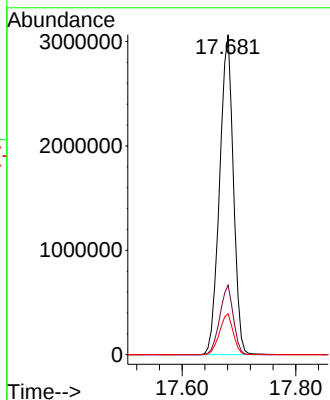
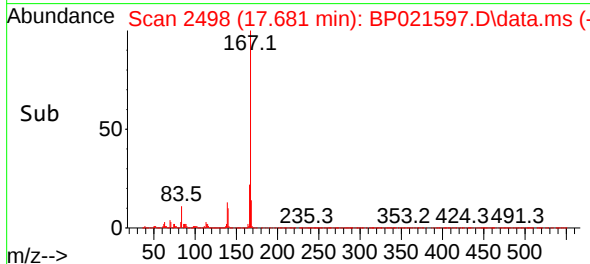
Instrument :
 BNA_P
 ClientSampleId :
 PB162631BS



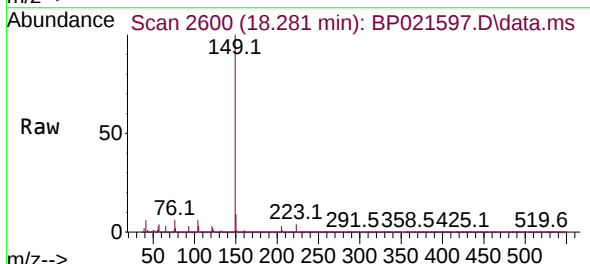
Tgt Ion:167 Resp: 5170035
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.4
 139 12.8 9.9 14.9

Manual Integrations
 APPROVED

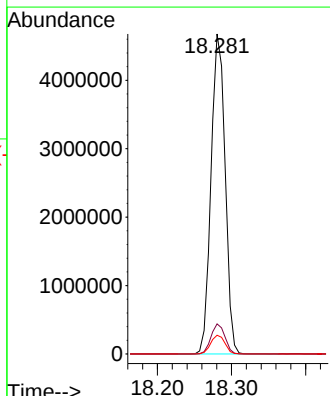
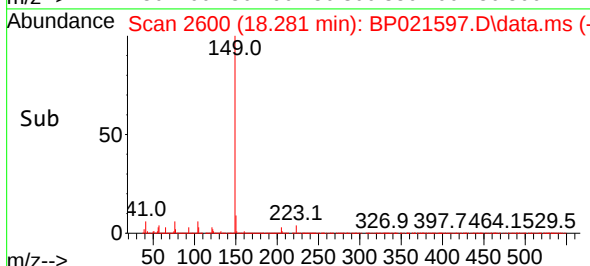
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

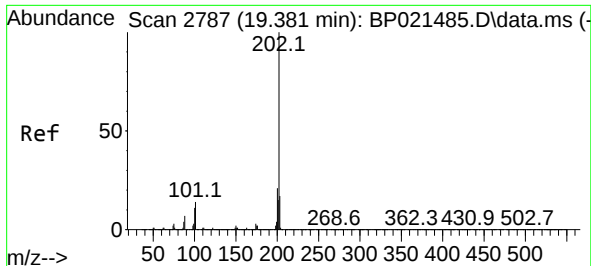


#74
 Di-n-butylphthalate
 Concen: 45.196 ng
 RT: 18.281 min Scan# 2600
 Delta R.T. 0.006 min
 Lab File: BP021597.D
 Acq: 21 Aug 2024 14:35



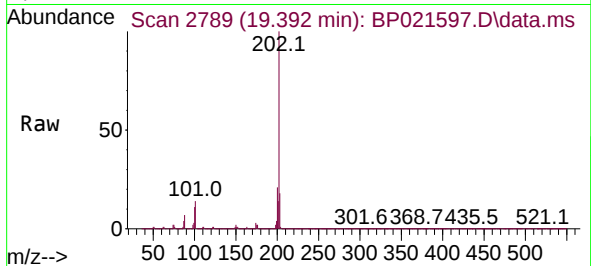
Tgt Ion:149 Resp: 6166947
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.9 4.9 7.3





#75
Fluoranthene
Concen: 44.658 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

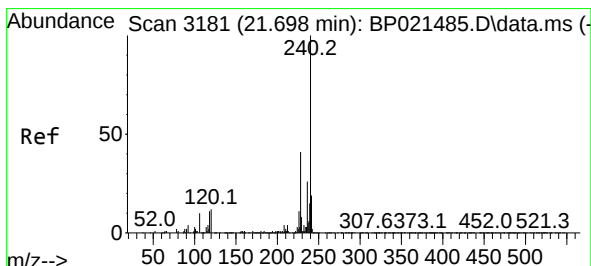
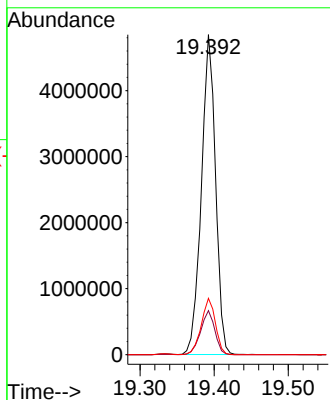
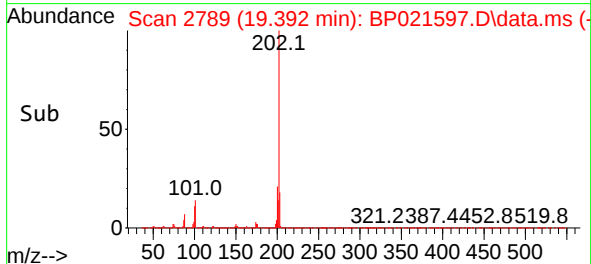
Instrument :
BNA_P
ClientSampleId :
PB162631BS



Tgt Ion:202 Resp: 6441190
Ion Ratio Lower Upper
202 100
101 13.7 0.0 34.0
203 17.6 0.0 37.5

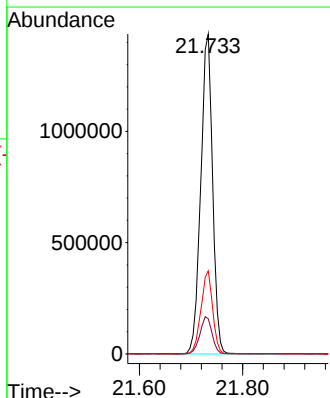
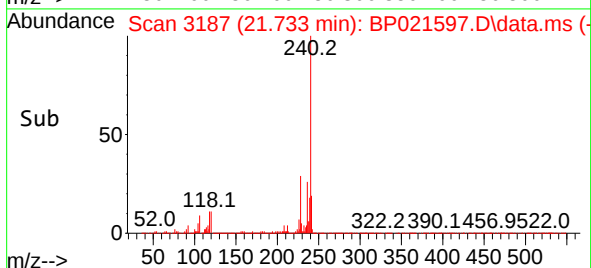
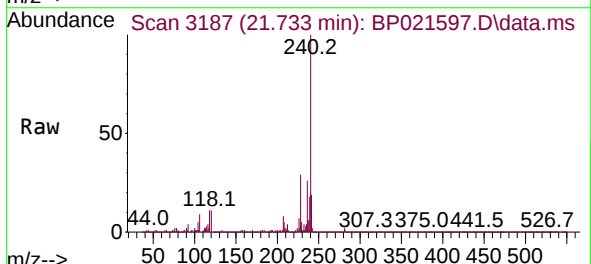
Manual Integrations
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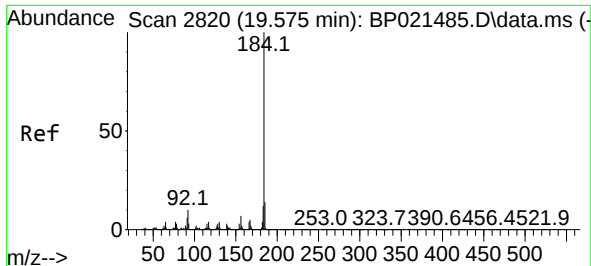
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3187
Delta R.T. 0.035 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion:240 Resp: 2279531
Ion Ratio Lower Upper
240 100
120 11.0 9.9 14.9
236 26.0 20.6 30.8





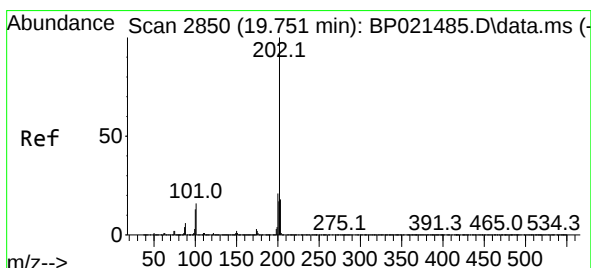
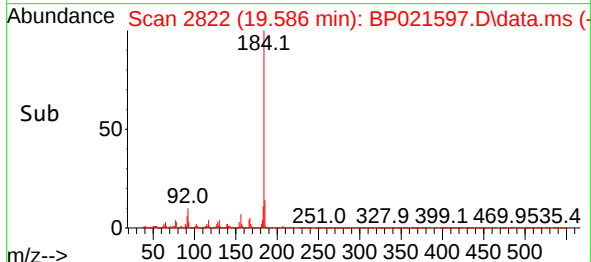
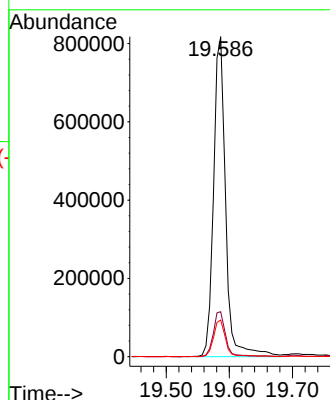
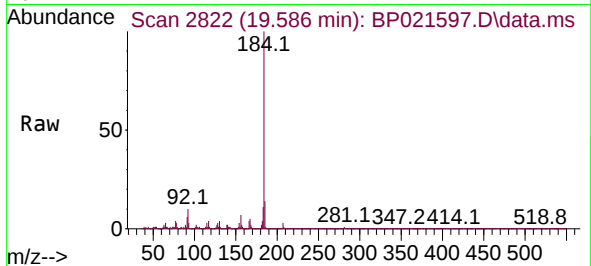
#77
Benzidine
Concen: 21.185 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.011 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion:184 Resp: 1083370
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 11.5 9.3 13.9

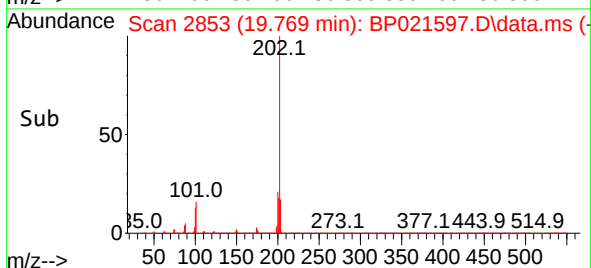
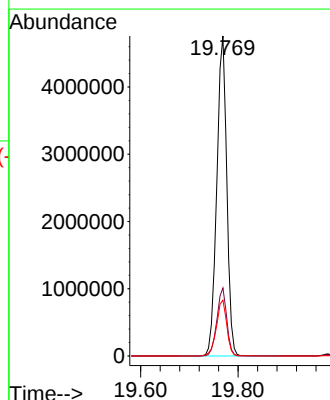
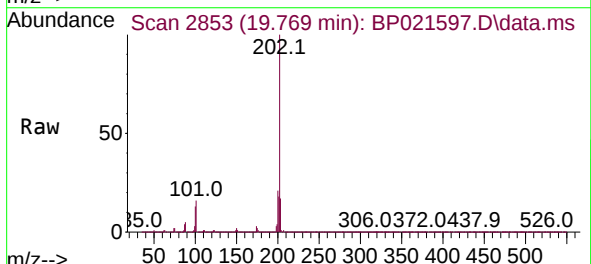
Manual Integrations
APPROVED

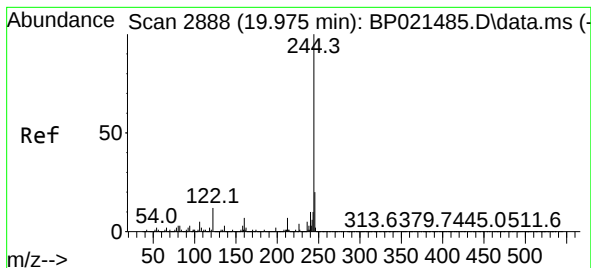
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#78
Pyrene
Concen: 45.336 ng
RT: 19.769 min Scan# 2853
Delta R.T. 0.018 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion:202 Resp: 6754836
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 81.711 ng

RT: 19.986 min Scan# 2888

Delta R.T. 0.011 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:244 Resp: 958766

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

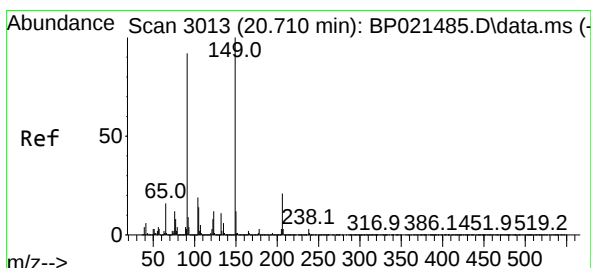
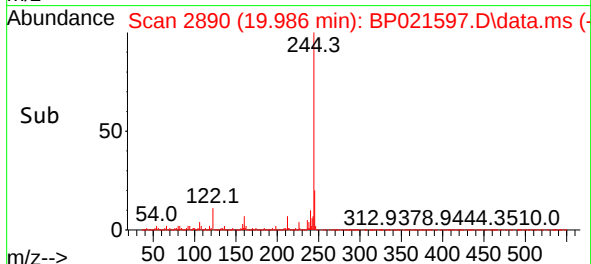
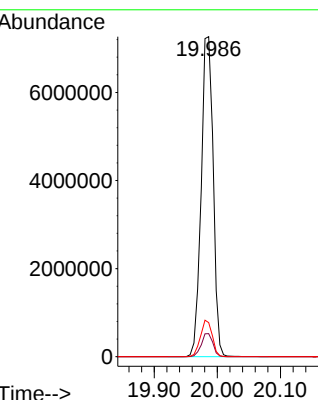
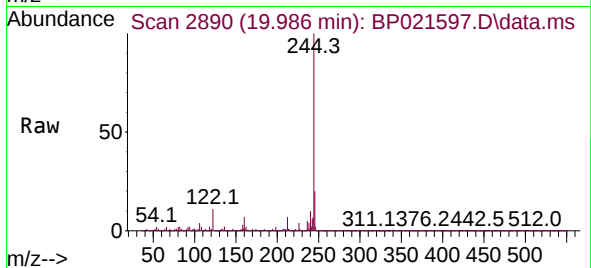
122 10.7 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#80

Butylbenzylphthalate

Concen: 50.471 ng

RT: 20.722 min Scan# 3015

Delta R.T. 0.012 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

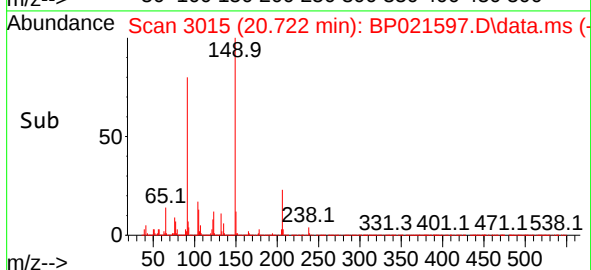
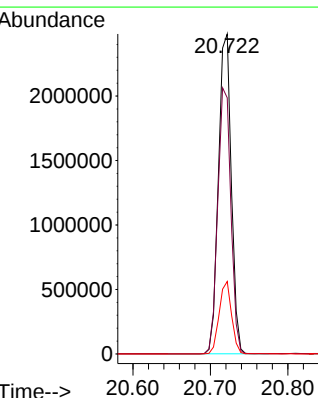
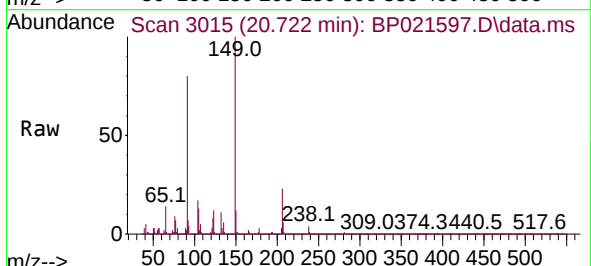
Tgt Ion:149 Resp: 2865369

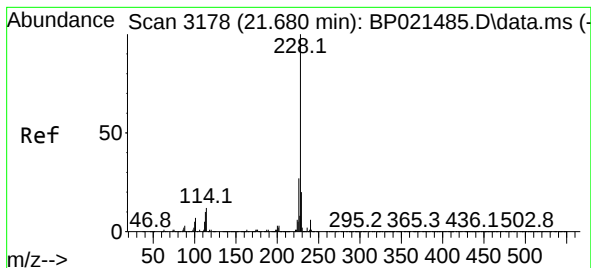
Ion Ratio Lower Upper

149 100

91 80.0 73.3 109.9

206 22.6 17.1 25.7





#81

Benzo(a)anthracene

Concen: 46.251 ng

RT: 21.710 min Scan# 3178

Delta R.T. 0.029 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:228 Resp: 6618478

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.2

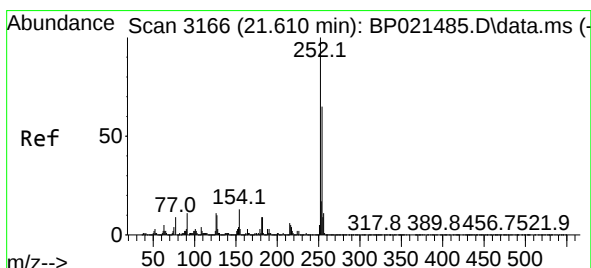
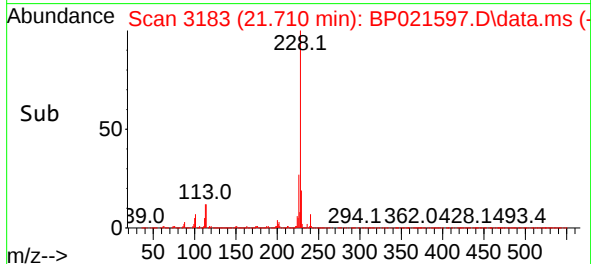
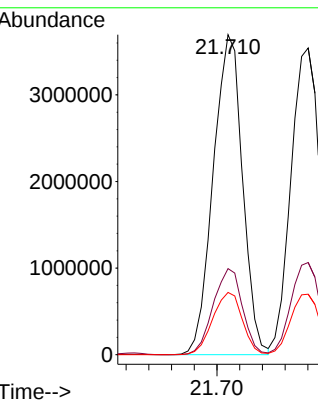
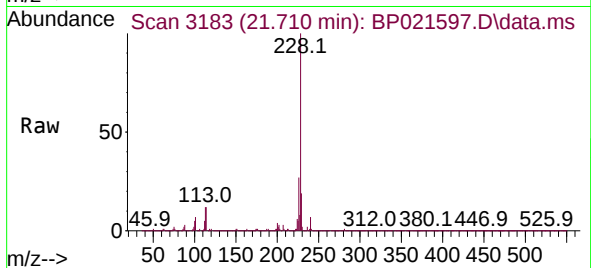
229 19.5 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#82

3,3'-Dichlorobenzidine

Concen: 41.548 ng

RT: 21.622 min Scan# 3168

Delta R.T. 0.012 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

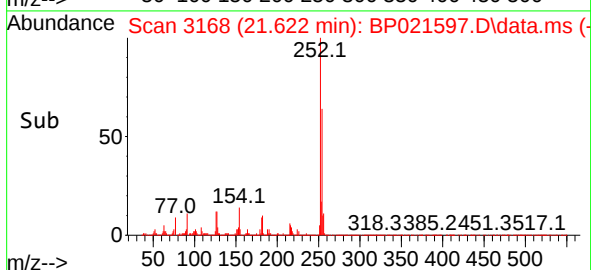
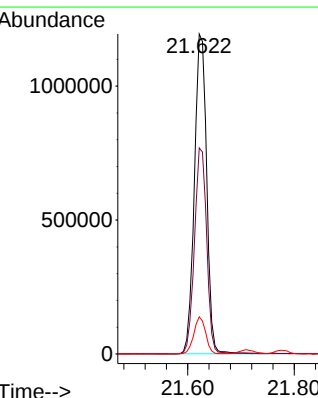
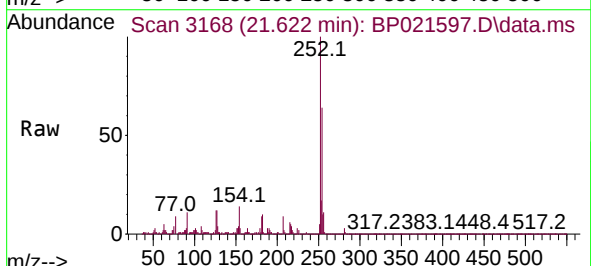
Tgt Ion:252 Resp: 1906303

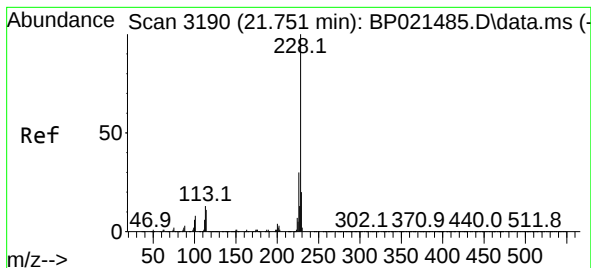
Ion Ratio Lower Upper

252 100

254 64.4 51.7 77.5

126 11.6 8.7 13.1





#83

Chrysene

Concen: 45.677 ng

RT: 21.780 min Scan# 3190

Delta R.T. 0.029 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:228 Resp: 617128

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

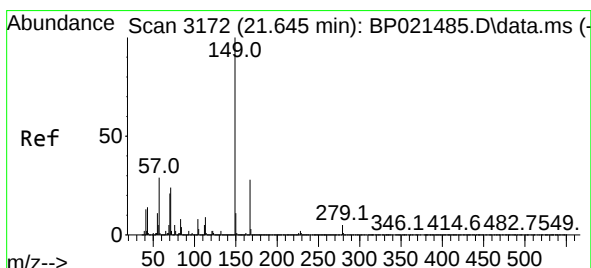
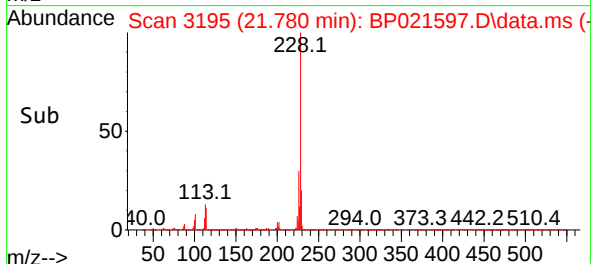
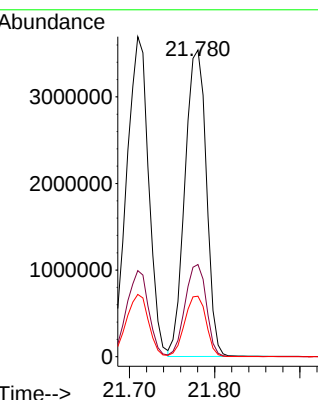
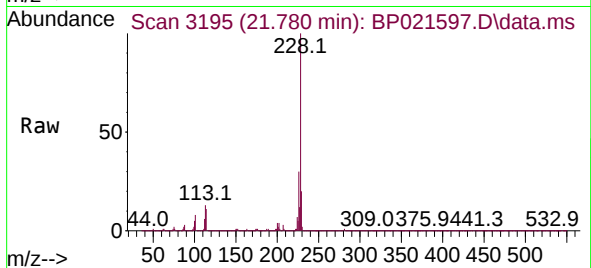
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.659 ng

RT: 21.657 min Scan# 3174

Delta R.T. 0.012 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

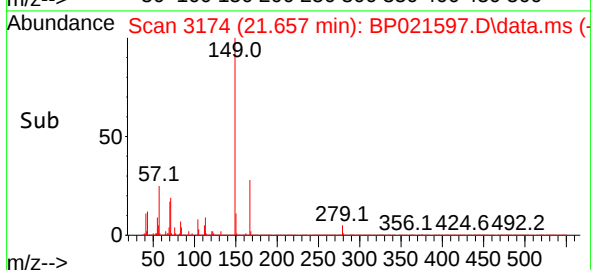
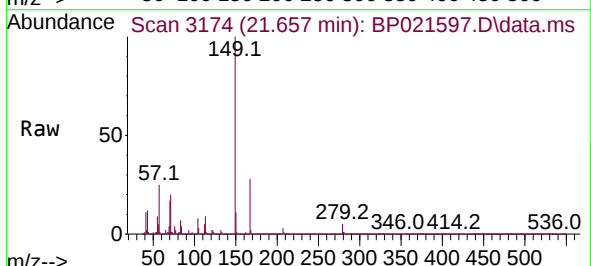
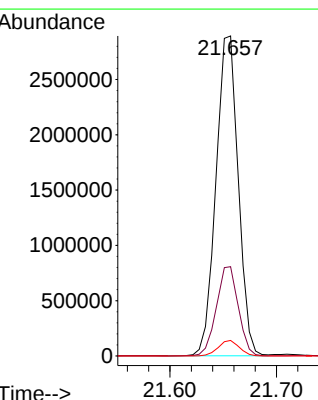
Tgt Ion:149 Resp: 4200028

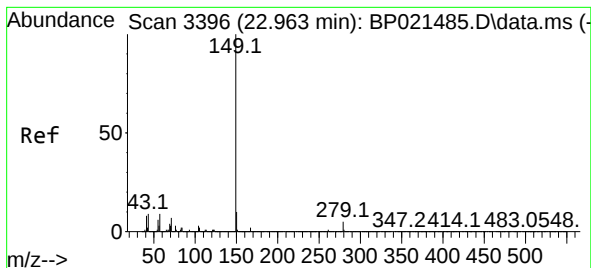
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 49.066 ng

RT: 22.974 min Scan# 31

Delta R.T. 0.011 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:149 Resp: 7307460

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

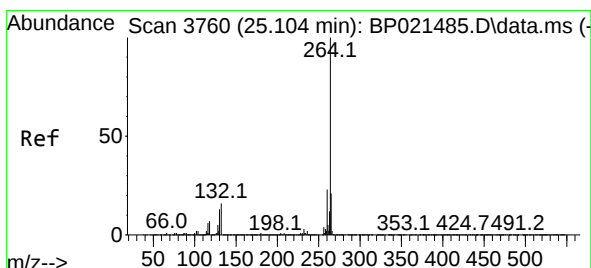
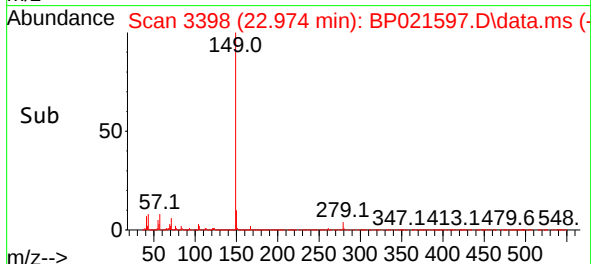
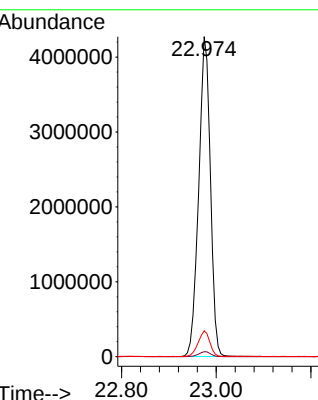
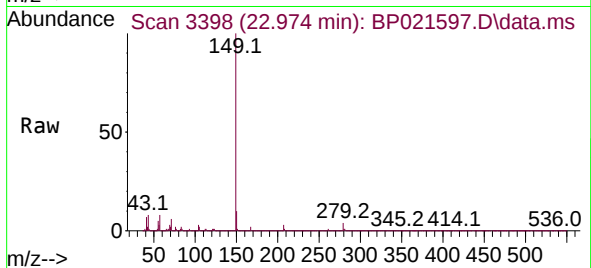
43 8.0 7.3 10.9

Manual Integrations

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Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.168 min Scan# 3771

Delta R.T. 0.065 min

Lab File: BP021597.D

Acq: 21 Aug 2024 14:35

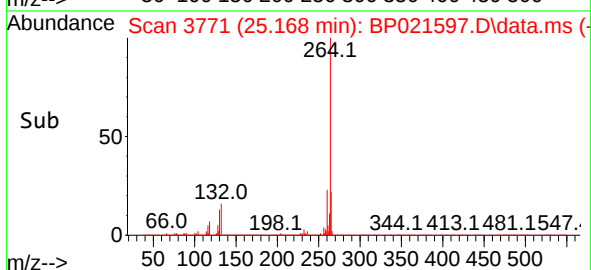
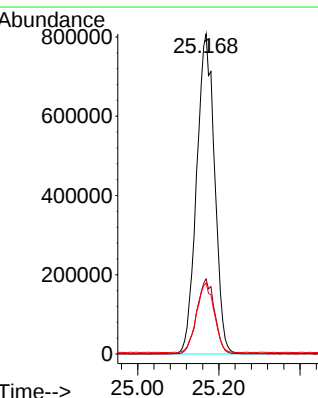
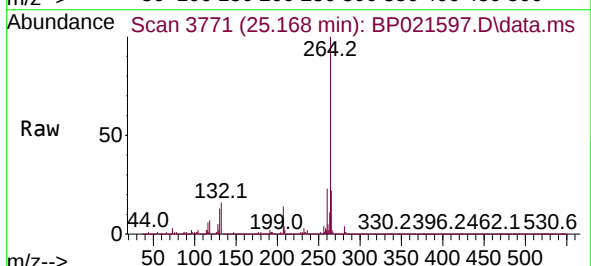
Tgt Ion:264 Resp: 2475837

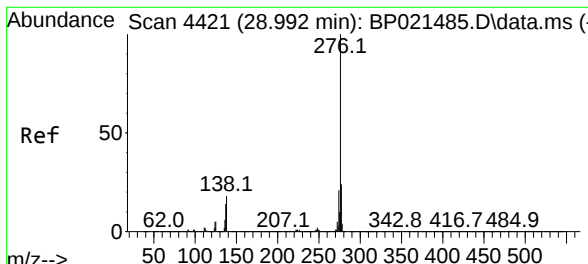
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 22.2 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.228 ng
 RT: 29.104 min Scan# 4421
 Delta R.T. 0.112 min
 Lab File: BP021597.D
 Acq: 21 Aug 2024 14:35

Instrument :

BNA_P

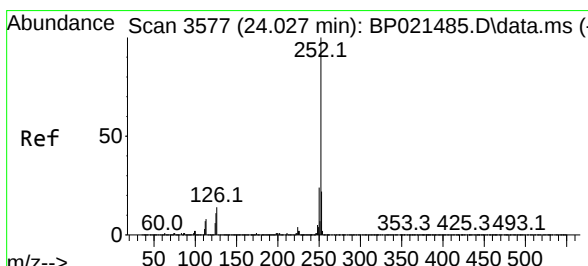
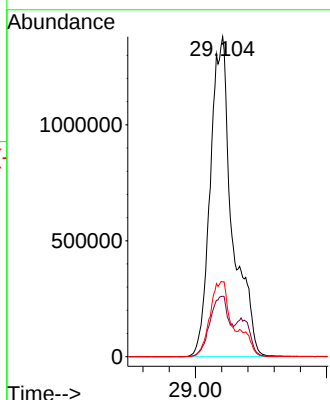
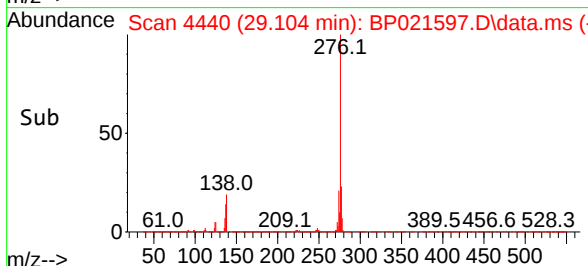
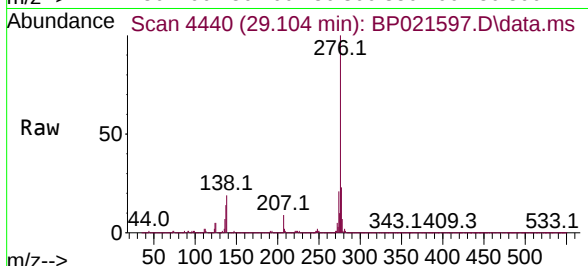
ClientSampleId :

PB162631BS

Tgt Ion:276 Resp: 8060974
 Ion Ratio Lower Upper
 276 100
 138 16.4 12.8 19.2
 277 20.7 16.5 24.7

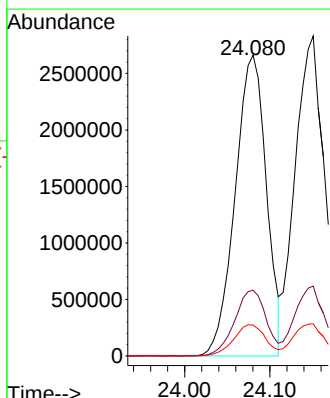
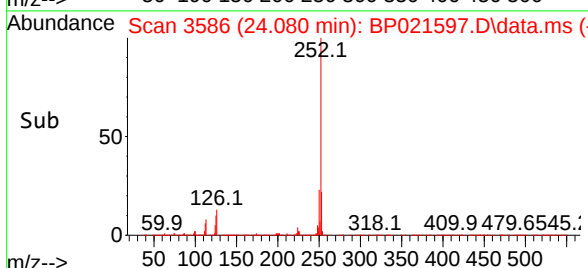
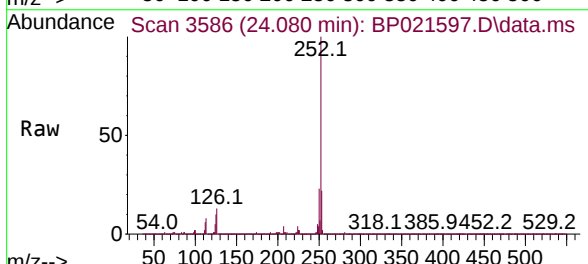
Manual Integrations
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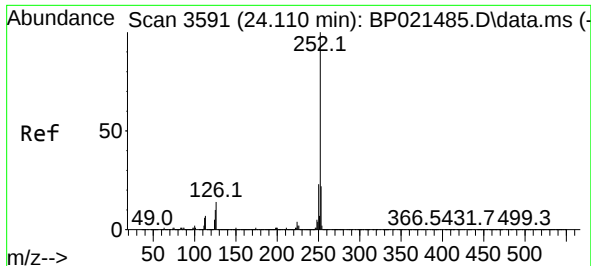
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024



#88
 Benzo(b)fluoranthene
 Concen: 47.593 ng
 RT: 24.080 min Scan# 3586
 Delta R.T. 0.053 min
 Lab File: BP021597.D
 Acq: 21 Aug 2024 14:35

Tgt Ion:252 Resp: 6767419
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 10.2 8.6 13.0





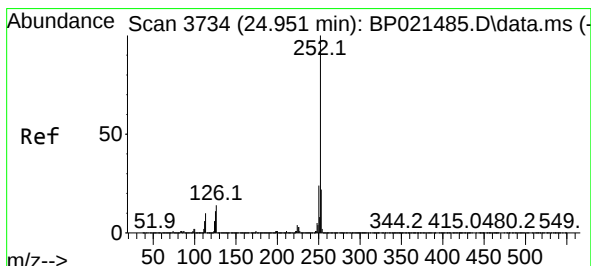
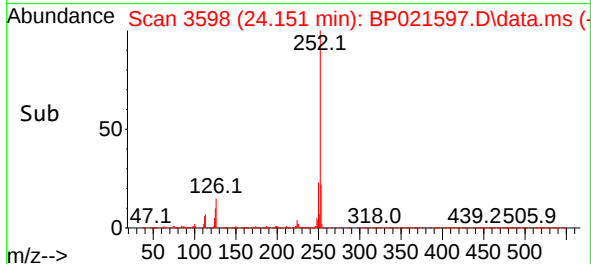
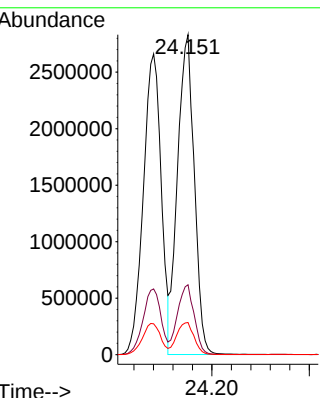
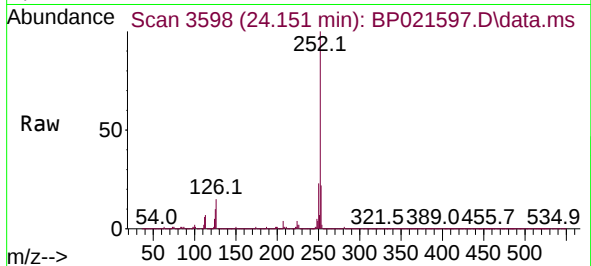
#89
Benzo(k)fluoranthene
Concen: 48.687 ng
RT: 24.151 min Scan# 3591
Delta R.T. 0.041 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion:252 Resp: 6753379
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.0 7.8 11.8

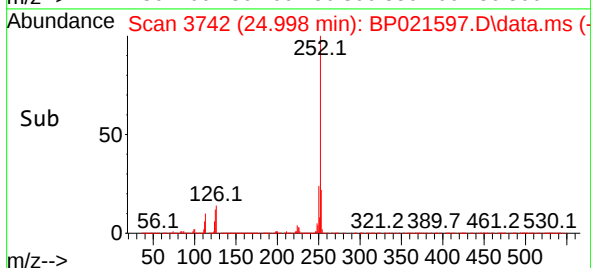
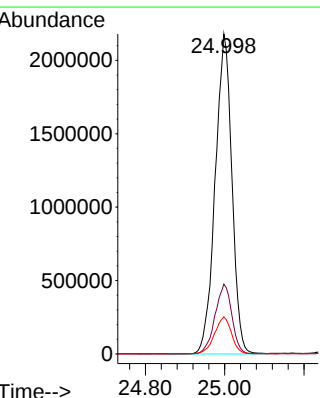
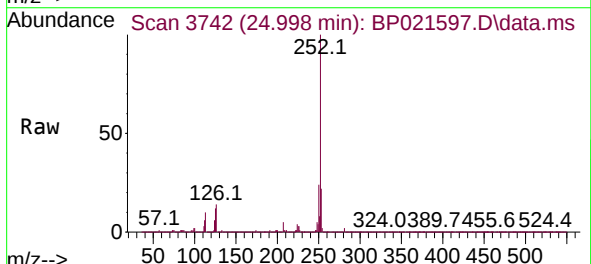
Manual Integrations
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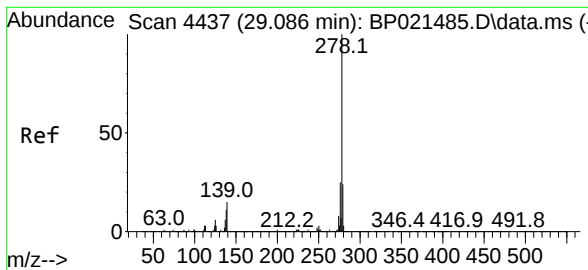
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#90
Benzo(a)pyrene
Concen: 51.522 ng
RT: 24.998 min Scan# 3742
Delta R.T. 0.047 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion:252 Resp: 6357533
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.6 8.7 13.1





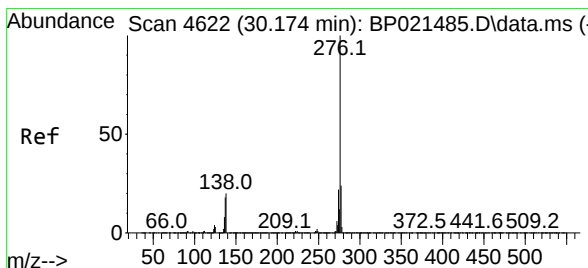
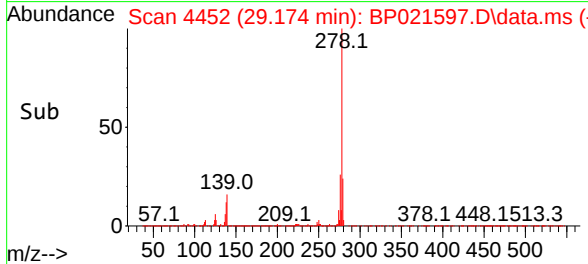
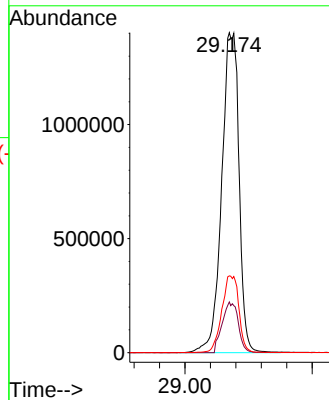
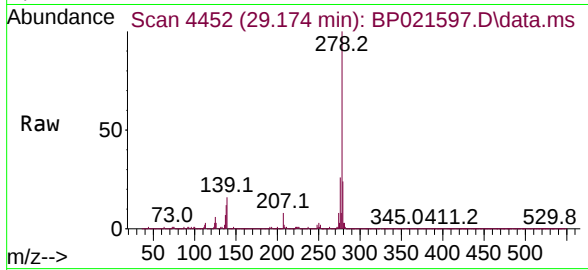
#91
Dibenzo(a,h)anthracene
Concen: 49.811 ng
RT: 29.174 min Scan# 4437
Delta R.T. 0.088 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion:278 Resp: 664208
Ion Ratio Lower Upper
278 100
139 15.8 12.2 18.4
279 24.0 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: 48.026 ng
RT: 30.315 min Scan# 4646
Delta R.T. 0.141 min
Lab File: BP021597.D
Acq: 21 Aug 2024 14:35

Tgt Ion:276 Resp: 6418769
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 20.5 16.0 24.0

