

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021594.D
 Acq On : 21 Aug 2024 12:19
 Operator : RC/JU
 Sample : PB162788BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162788BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 21 13:23:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	422633	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1649511	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1043036	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2218669	20.000	ng	0.01
76) Chrysene-d12	21.727	240	2116508	20.000	ng	0.03
86) Perylene-d12	25.168	264	2397430	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3711897	130.412	ng	0.00
7) Phenol-d6	6.975	99	4978922	119.914	ng	0.01
23) Nitrobenzene-d5	8.952	82	2927311	91.599	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1689654	145.552	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	5382091	78.750	ng	0.00
79) Terphenyl-d14	19.992	244	8790997	80.692	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	389024	28.825	ng	98
3) Pyridine	3.711	79	1047068	27.792	ng	95
4) n-Nitrosodimethylamine	3.617	42	472561	41.730	ng	# 89
6) Aniline	7.128	93	1026376	24.727	ng	98
8) 2-Chlorophenol	7.369	128	1284376	48.830	ng	94
9) Benzaldehyde	6.940	77	486864m	18.314	ng	
10) Phenol	6.999	94	1902178	44.241	ng	98
11) bis(2-Chloroethyl)ether	7.222	93	1424451	39.153	ng	96
12) 1,3-Dichlorobenzene	7.693	146	1294567	41.435	ng	97
13) 1,4-Dichlorobenzene	7.840	146	1331196	42.195	ng	98
14) 1,2-Dichlorobenzene	8.157	146	1274671	41.926	ng	99
15) Benzyl Alcohol	8.034	79	1300063	43.639	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1331506	39.742	ng	97
17) 2-Methylphenol	8.240	107	1205418	44.347	ng	97
18) Hexachloroethane	8.881	117	539177	42.619	ng	99
19) n-Nitroso-di-n-propyla...	8.605	70	993736	34.647	ng	# 95
20) 3+4-Methylphenols	8.563	107	1660934	45.318	ng	97
22) Acetophenone	8.616	105	1946063	38.403	ng	99
24) Nitrobenzene	8.993	77	1524677	43.927	ng	92
25) Isophorone	9.522	82	2885146	38.214	ng	97
26) 2-Nitrophenol	9.704	139	637241	62.745	ng	93
27) 2,4-Dimethylphenol	9.769	122	937536	50.318	ng	96
28) bis(2-Chloroethoxy)met...	10.004	93	1844016	40.013	ng	100
29) 2,4-Dichlorophenol	10.234	162	1147538	52.126	ng	97
30) 1,2,4-Trichlorobenzene	10.457	180	1195360	42.353	ng	98
31) Naphthalene	10.640	128	3693973	42.868	ng	99
32) Benzoic acid	9.904	122	910002	65.023	ng	93
33) 4-Chloroaniline	10.746	127	869140	26.851	ng	96
34) Hexachlorobutadiene	10.934	225	714754	40.221	ng	99
35) Caprolactam	11.522	113	422702	46.130	ng	92
36) 4-Chloro-3-methylphenol	11.875	107	1491263	48.834	ng	97
37) 2-Methylnaphthalene	12.257	142	2475344	42.090	ng	99
38) 1-Methylnaphthalene	12.475	142	2307433	39.781	ng	100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1222750	40.010	ng	99
41) Hexachlorocyclopentadiene	12.610	237	1099174	113.481	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	925882	54.540	ng	99

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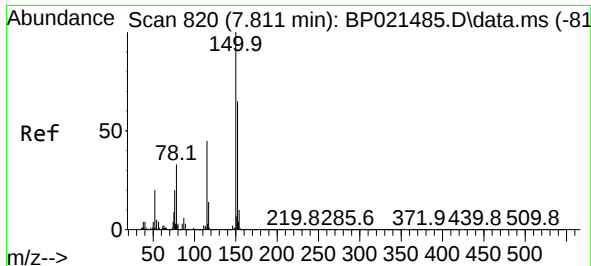
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	994761	52.741	ng	96
46) 1,1'-Biphenyl	13.275	154	2959960	40.110	ng	98
47) 2-Chloronaphthalene	13.316	162	2490365	43.346	ng	99
48) 2-Nitroaniline	13.510	65	855860	52.599	ng	# 83
49) Acenaphthylene	14.169	152	4032452	47.745	ng	100
50) Dimethylphthalate	13.898	163	3178935	45.510	ng	99
51) 2,6-Dinitrotoluene	14.022	165	709105	50.126	ng	88
52) Acenaphthene	14.522	154	2761713m	49.836	ng	
53) 3-Nitroaniline	14.351	138	594258	43.317	ng	# 91
54) 2,4-Dinitrophenol	14.557	184	779718	123.232	ng	# 86
55) Dibenzofuran	14.863	168	3740786	43.881	ng	99
56) 4-Nitrophenol	14.663	139	1313936	111.298	ng	# 86
57) 2,4-Dinitrotoluene	14.816	165	991437	54.550	ng	90
58) Fluorene	15.528	166	2941757	42.005	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	882335	55.114	ng	99
60) Diethylphthalate	15.292	149	3180838	44.382	ng	99
61) 4-Chlorophenyl-phenyle...	15.528	204	1472517	40.677	ng	99
62) 4-Nitroaniline	15.539	138	721717	50.517	ng	95
63) Azobenzene	15.828	77	3446771	39.124	ng	95
65) 4,6-Dinitro-2-methylph...	15.598	198	546435	69.816	ng	98
66) n-Nitrosodiphenylamine	15.739	169	2656717	44.683	ng	100
67) 4-Bromophenyl-phenylether	16.439	248	994655	42.359	ng	99
68) Hexachlorobenzene	16.557	284	1165677	42.007	ng	97
69) Atrazine	16.728	200	820800	40.209	ng	99
70) Pentachlorophenol	16.910	266	1556069	102.740	ng	99
71) Phenanthrene	17.304	178	4806563	45.047	ng	99
72) Anthracene	17.404	178	4873321	46.571	ng	100
73) Carbazole	17.681	167	4641445	46.024	ng	99
74) Di-n-butylphthalate	18.275	149	5581934	45.069	ng	100
75) Fluoranthene	19.404	202	5852072	44.700	ng	99
77) Benzidine	19.586	184	1065275	22.247	ng	100
78) Pyrene	19.775	202	6204857	44.853	ng	100
80) Butylbenzylphthalate	20.722	149	2581686	49.083	ng	96
81) Benzo(a)anthracene	21.710	228	6137975	46.197	ng	100
82) 3,3'-Dichlorobenzidine	21.627	252	1787315	41.956	ng	99
83) Chrysene	21.774	228	5826621	46.448	ng	99
84) Bis(2-ethylhexyl)phtha...	21.669	149	3731470	47.517	ng	100
85) Di-n-octyl phthalate	22.986	149	6703781	48.537	ng	97
87) Indeno(1,2,3-cd)pyrene	29.092	276	8091481m	52.067	ng	
88) Benzo(b)fluoranthene	24.092	252	6684972	48.551	ng	100
89) Benzo(k)fluoranthene	24.163	252	6422116	47.813	ng	99
90) Benzo(a)pyrene	25.015	252	6192957	51.829	ng	99
91) Dibenzo(a,h)anthracene	29.174	278	6599130	51.107	ng	100
92) Benzo(g,h,i)perylene	30.303	276	6405985	49.498	ng	98

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



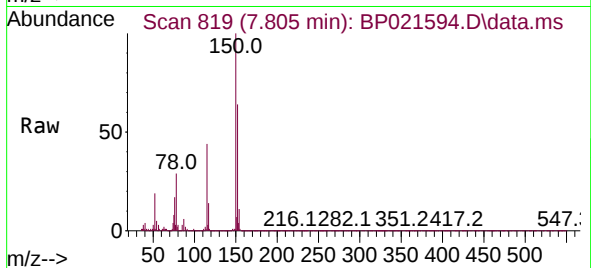
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

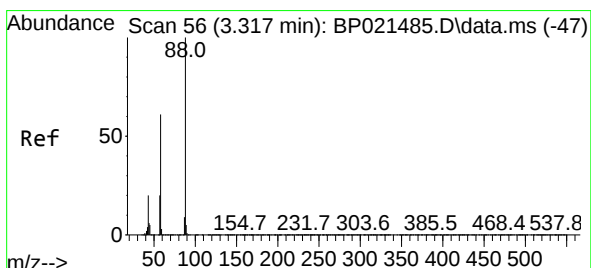
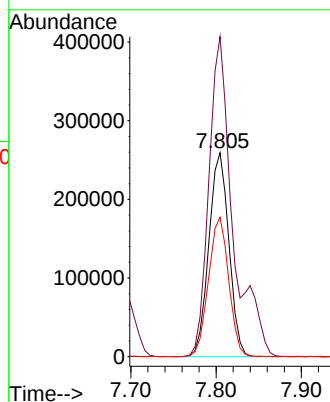
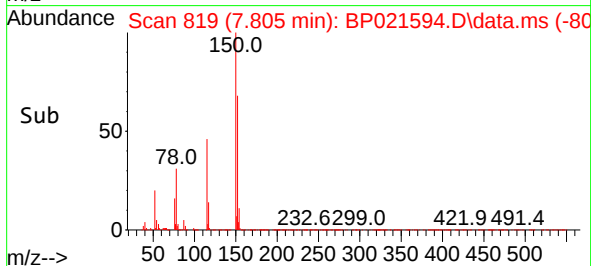


Tgt Ion:152 Resp: 42263
Ion Ratio Lower Upper
152 100
150 156.9 122.4 183.6
115 68.4 54.7 82.1

Manual Integrations

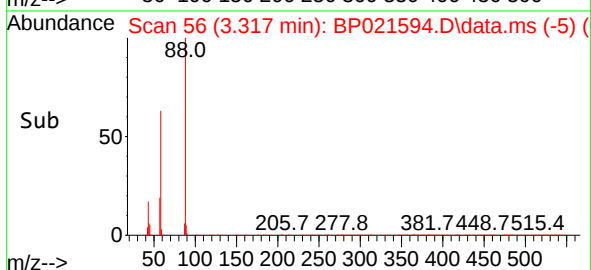
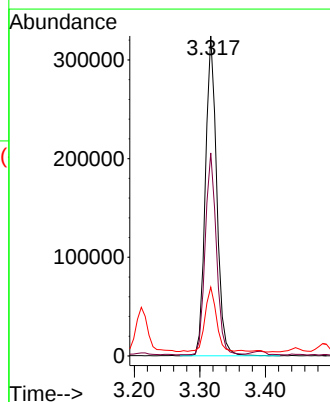
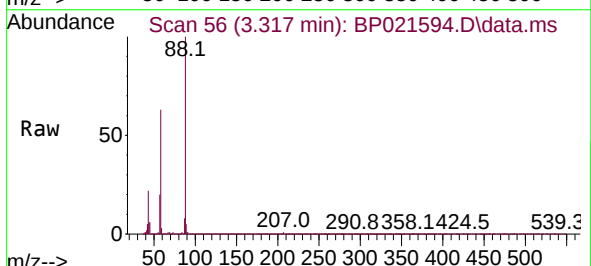
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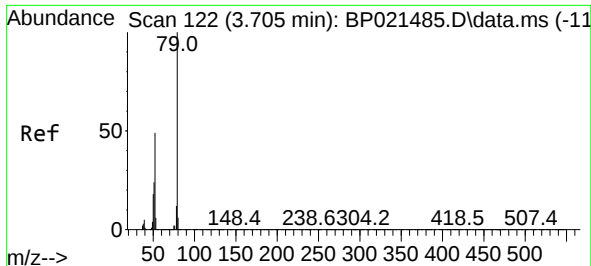
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#2
1,4-Dioxane
Concen: 28.825 ng
RT: 3.317 min Scan# 56
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion: 88 Resp: 389024
Ion Ratio Lower Upper
88 100
58 62.6 48.7 73.1
43 20.0 15.4 23.2





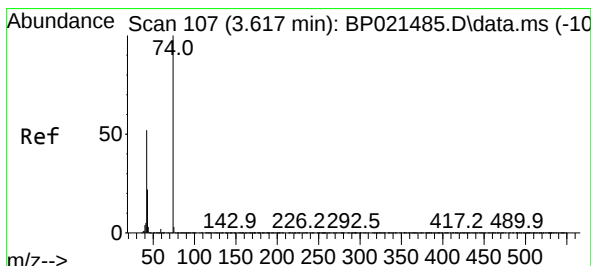
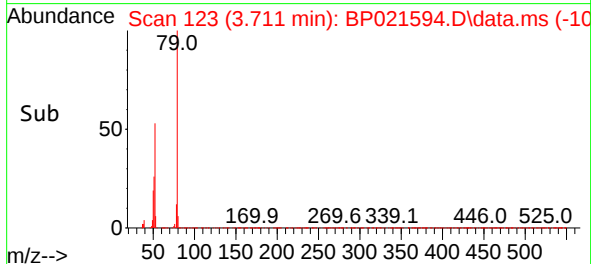
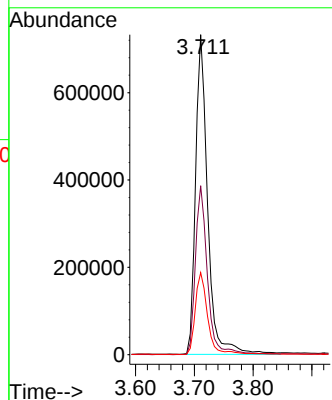
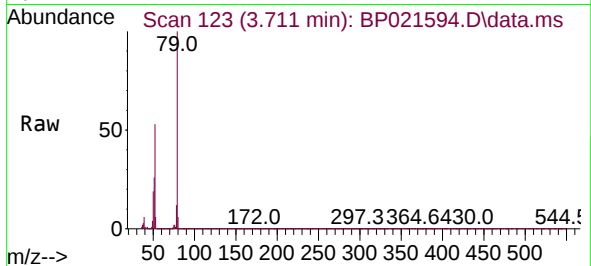
#3
Pyridine
Concen: 27.792 ng
RT: 3.711 min Scan# 122
Delta R.T. 0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :
BNA_P
ClientSampleId :
PB162788BS

Tgt Ion: 79 Resp: 104706
Ion Ratio Lower Upper
79 100
52 52.8 39.0 58.6
51 25.7 19.2 28.8

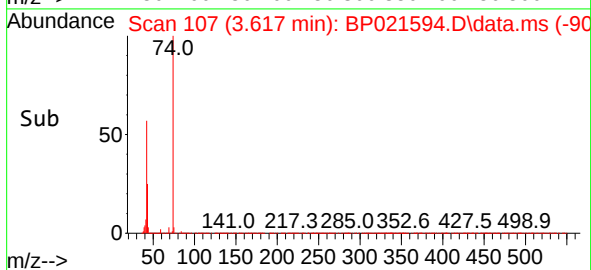
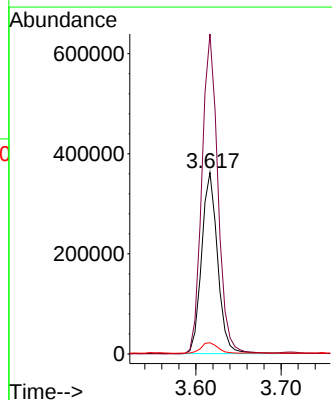
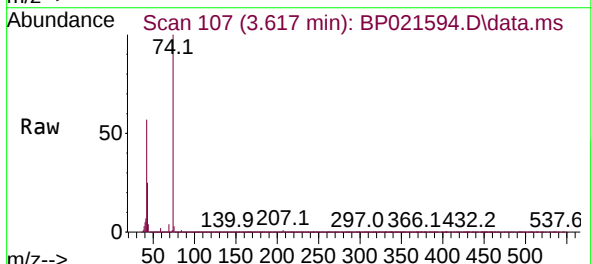
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Supervised By :mohammad ahmed 08/22/2024



#4
n-Nitrosodimethylamine
Concen: 41.730 ng
RT: 3.617 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion: 42 Resp: 472561
Ion Ratio Lower Upper
42 100
74 176.4 154.3 231.5
44 6.2 6.2 9.4





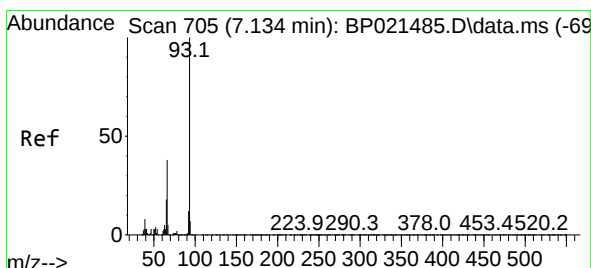
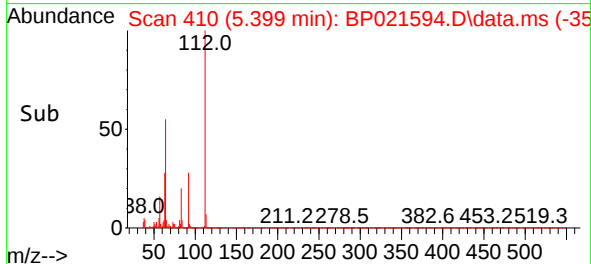
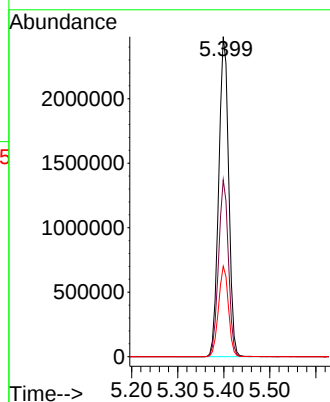
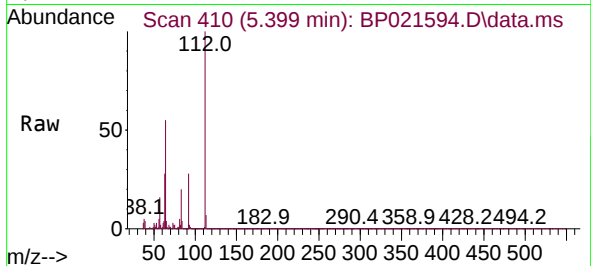
#5
2-Fluorophenol
Concen: 130.412 ng
RT: 5.399 min Scan# 411
Delta R.T. 0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :
BNA_P
ClientSampleId :
PB162788BS

Tgt Ion:112 Resp: 371189
Ion Ratio Lower Upper
112 100
64 55.3 49.0 73.6
63 28.3 24.6 36.8

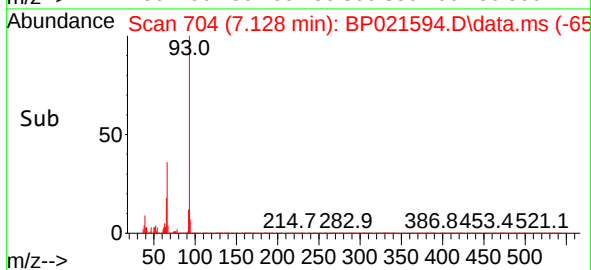
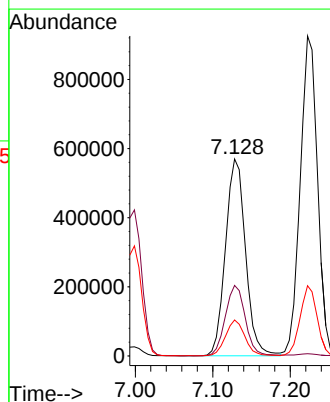
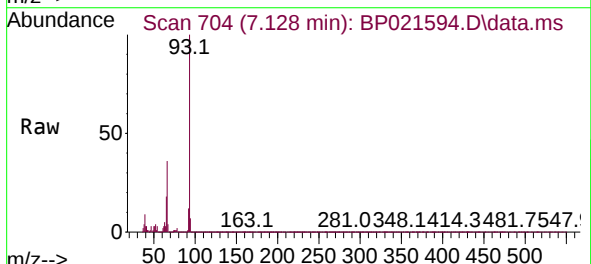
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#6
Aniline
Concen: 24.727 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion: 93 Resp: 1026376
Ion Ratio Lower Upper
93 100
66 35.9 30.2 45.2
65 18.2 14.7 22.1





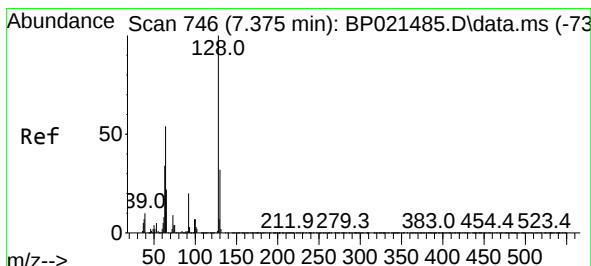
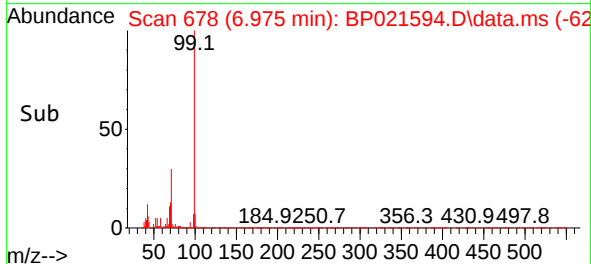
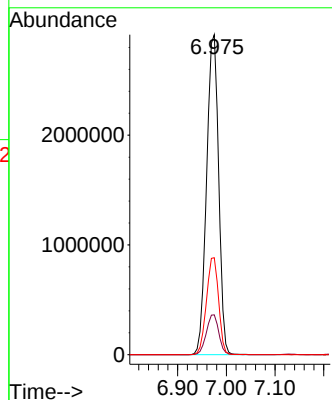
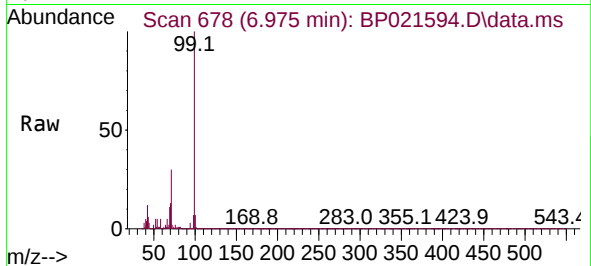
#7
Phenol-d6
Concen: 119.914 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :
BNA_P
ClientSampleId :
PB162788BS

Tgt Ion: 99 Resp: 497892
Ion Ratio Lower Upper
99 100
42 12.5 10.2 15.4
71 30.3 25.8 38.8

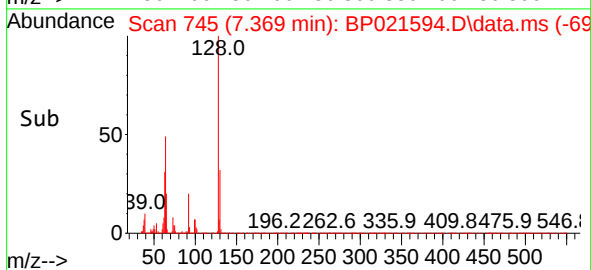
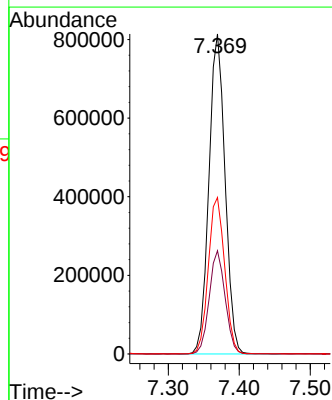
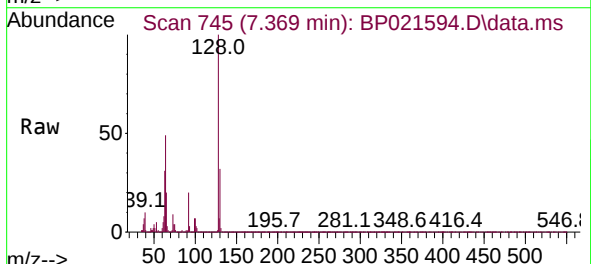
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#8
2-Chlorophenol
Concen: 48.830 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion:128 Resp: 1284376
Ion Ratio Lower Upper
128 100
130 32.3 11.6 51.6
64 48.9 35.3 75.3





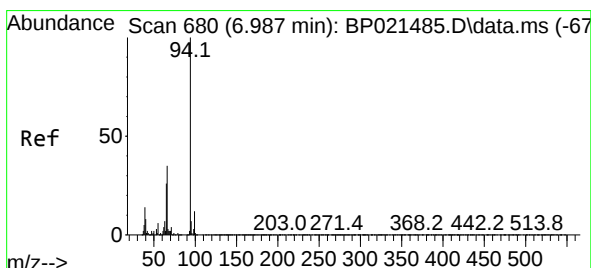
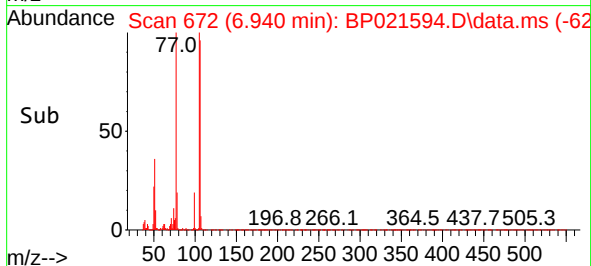
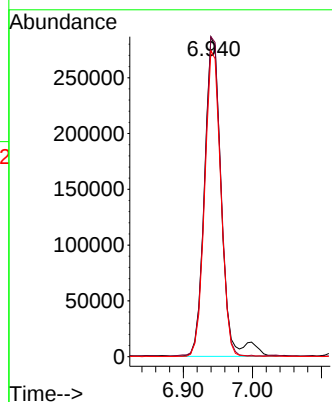
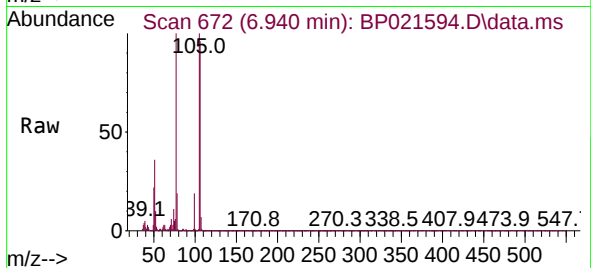
#9
Benzaldehyde
Concen: 18.314 ng m
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :
BNA_P
ClientSampleId :
PB162788BS

Tgt Ion: 77 Resp: 486864
Ion Ratio Lower Upper
77 100
105 100.1 72.1 112.1
106 95.7 67.9 107.9

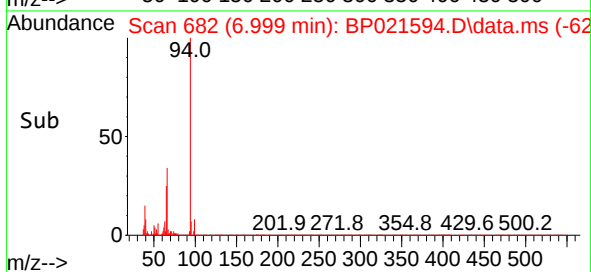
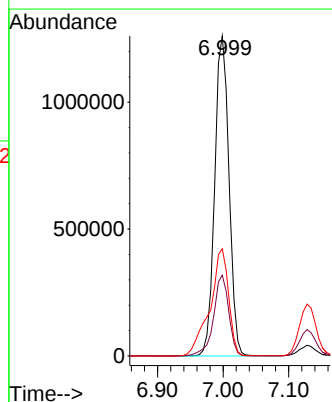
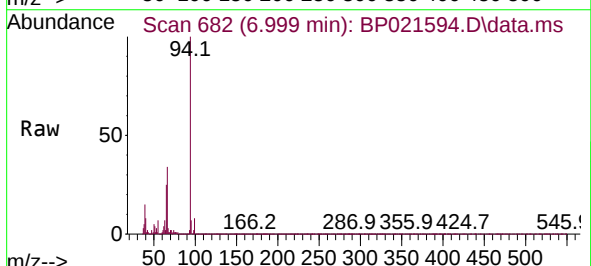
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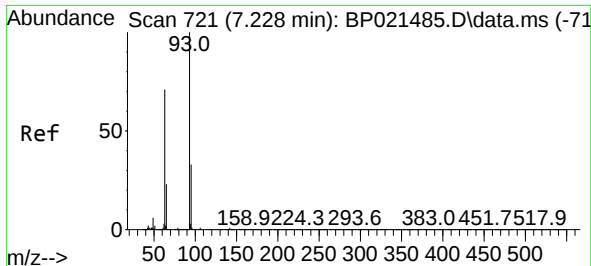
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#10
Phenol
Concen: 44.241 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

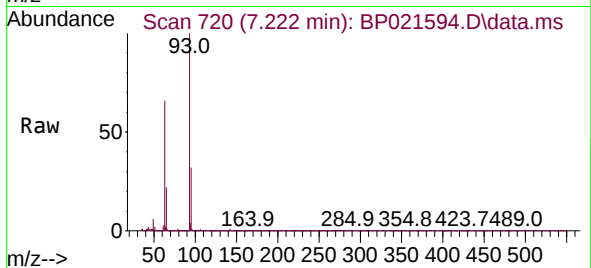
Tgt Ion: 94 Resp: 1902178
Ion Ratio Lower Upper
94 100
65 25.3 6.5 46.5
66 33.5 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 39.153 ng
RT: 7.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

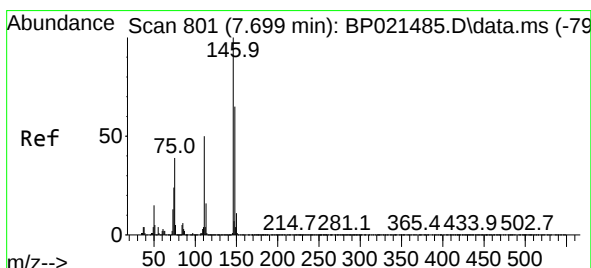
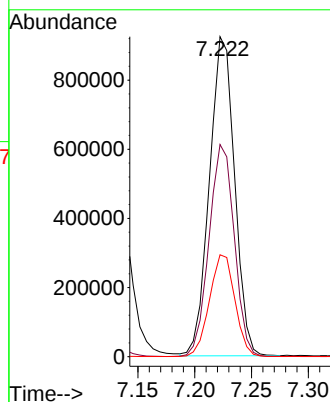
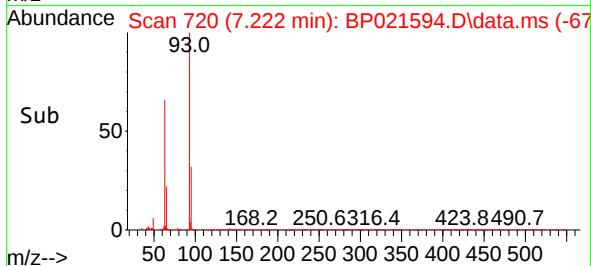
Instrument :
BNA_P
ClientSampleId :
PB162788BS



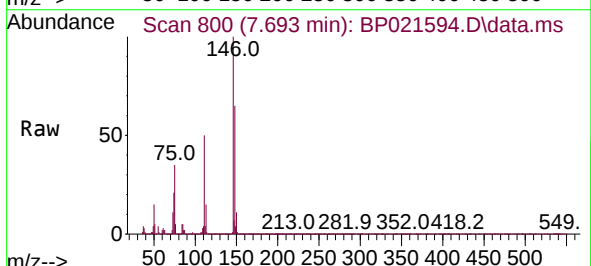
Tgt Ion: 93 Resp: 142445
Ion Ratio Lower Upper
93 100
63 66.3 51.0 91.0
95 31.9 12.9 52.9

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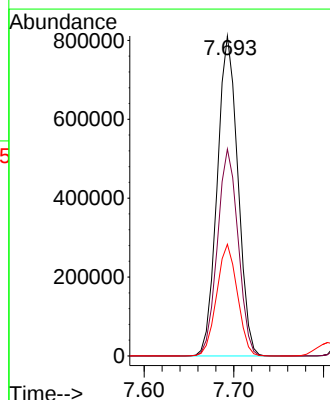
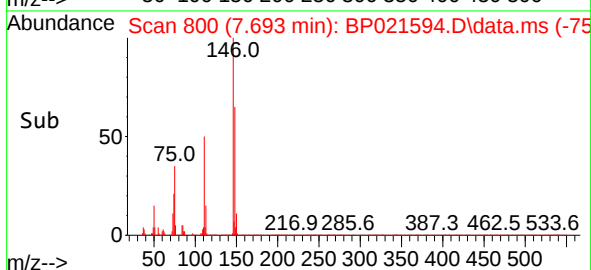
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#12
1,3-Dichlorobenzene
Concen: 41.435 ng
RT: 7.693 min Scan# 800
Delta R.T. -0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19



Tgt Ion:146 Resp: 1294567
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
75 34.9 31.3 46.9





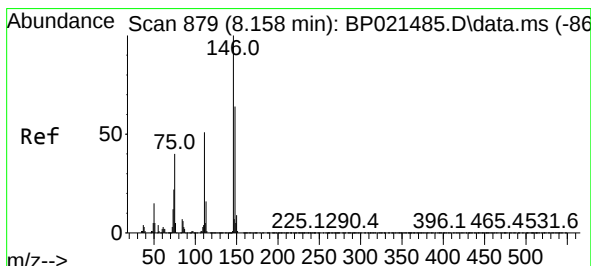
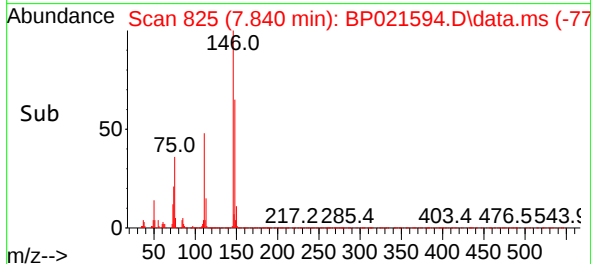
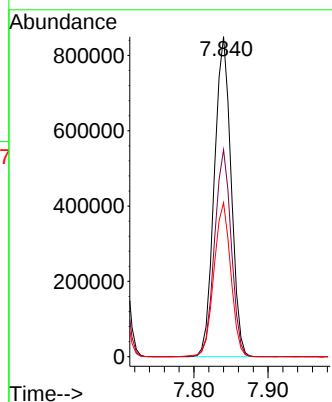
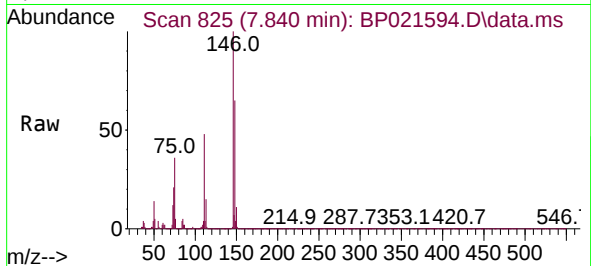
#13
1,4-Dichlorobenzene
Concen: 42.195 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :
BNA_P
ClientSampleId :
PB162788BS

Tgt Ion:146 Resp: 1331190
Ion Ratio Lower Upper
146 100
148 64.6 51.5 77.3
111 48.1 40.3 60.5

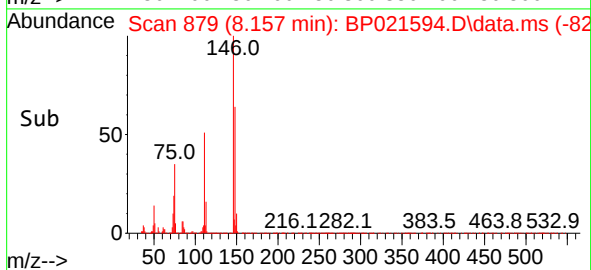
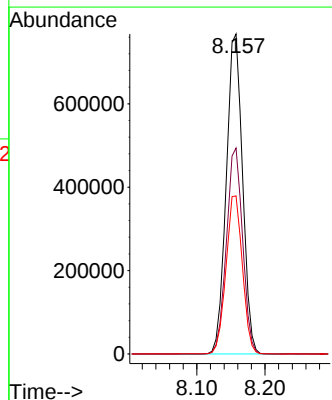
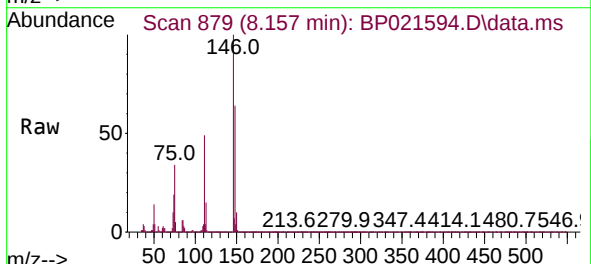
Manual Integrations
APPROVED

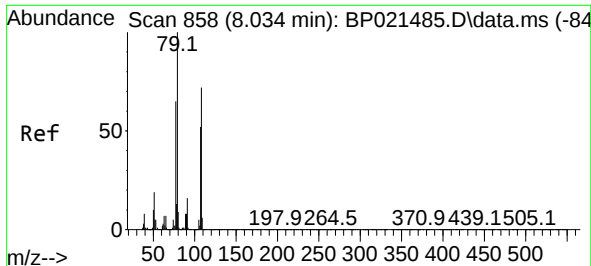
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#14
1,2-Dichlorobenzene
Concen: 41.926 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion:146 Resp: 1274671
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 49.4 41.1 61.7





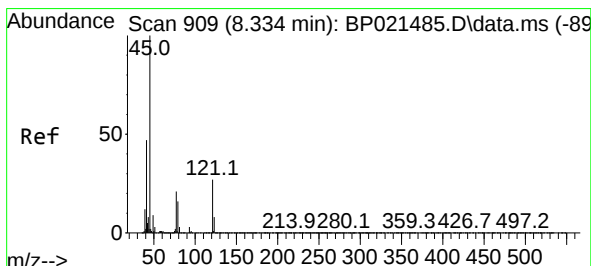
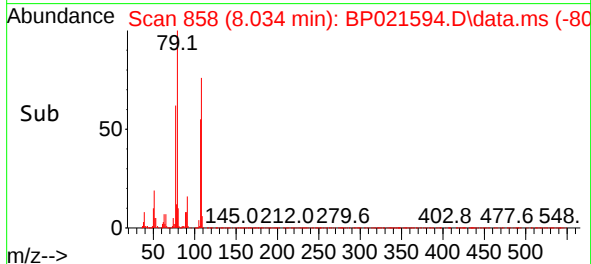
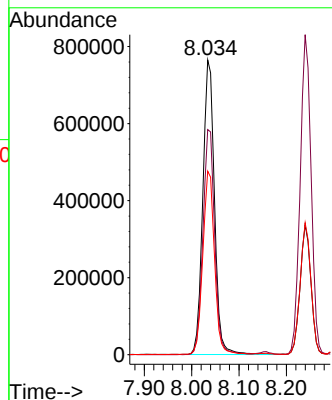
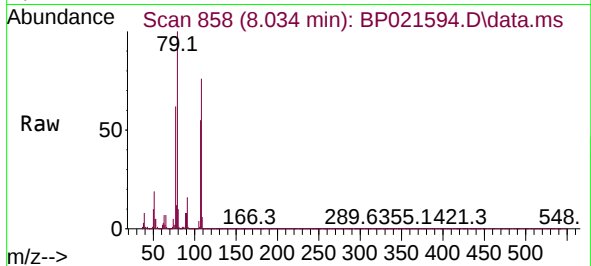
#15
Benzyl Alcohol
Concen: 43.639 ng
RT: 8.034 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :
BNA_P
ClientSampleId :
PB162788BS

Tgt Ion: 79 Resp: 130006
Ion Ratio Lower Upper
79 100
108 76.4 57.9 86.9
77 62.3 51.8 77.8

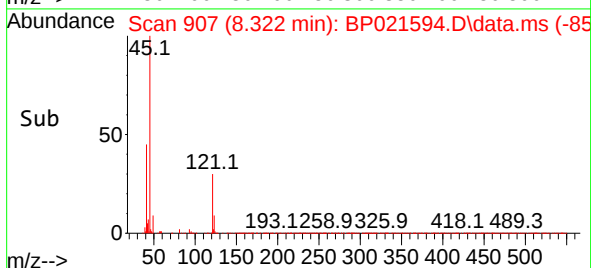
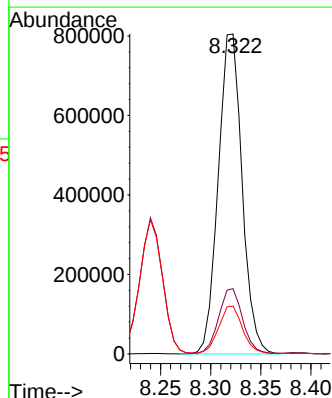
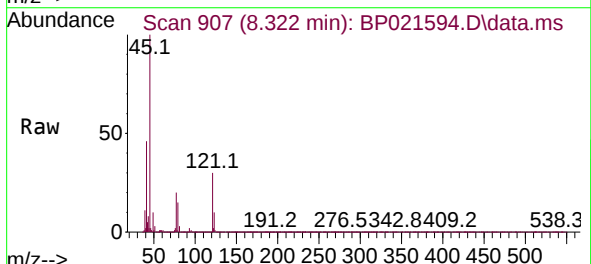
Manual Integrations
APPROVED

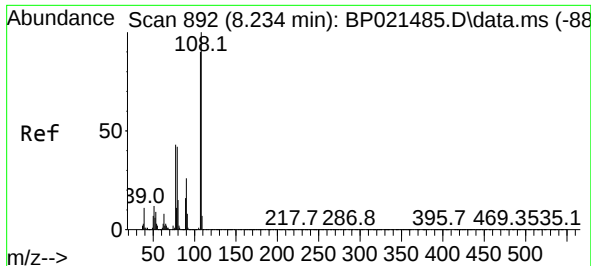
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.742 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

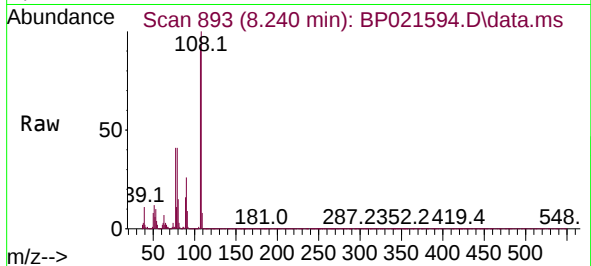
Tgt Ion: 45 Resp: 1331506
Ion Ratio Lower Upper
45 100
77 20.4 1.9 41.9
79 14.9 0.0 36.6





#17
2-Methylphenol
Concen: 44.347 ng
RT: 8.240 min Scan# 892
Delta R.T. 0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

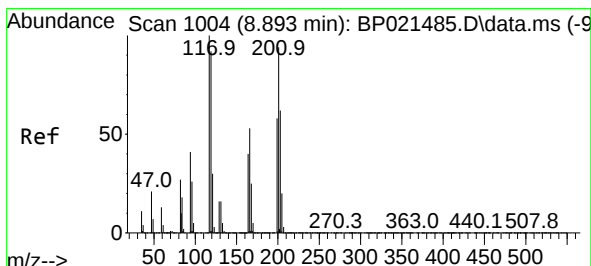
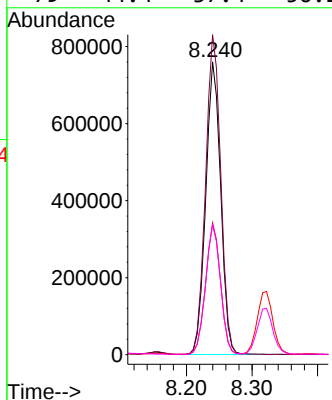
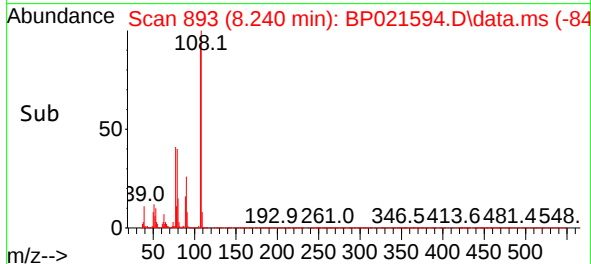
Instrument :
BNA_P
ClientSampleId :
PB162788BS



Tgt Ion:107 Resp: 1205418
Ion Ratio Lower Upper
107 100
108 109.3 88.8 133.2
77 45.0 38.7 58.1
79 44.4 37.4 56.2

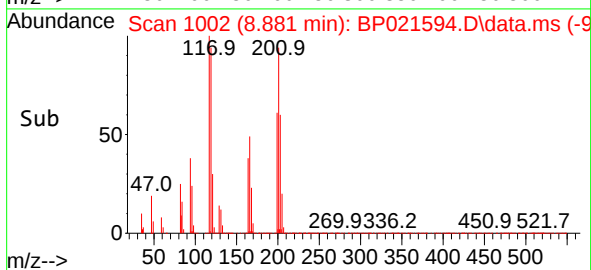
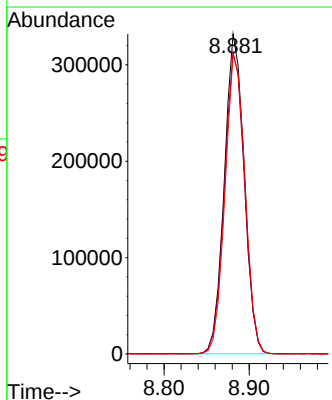
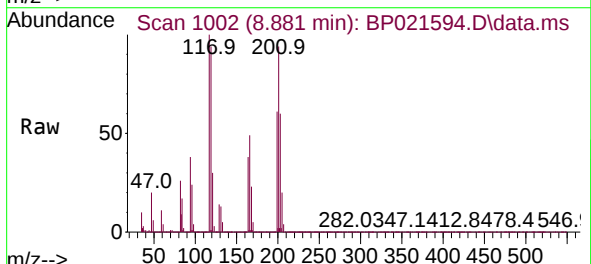
Manual Integrations
APPROVED

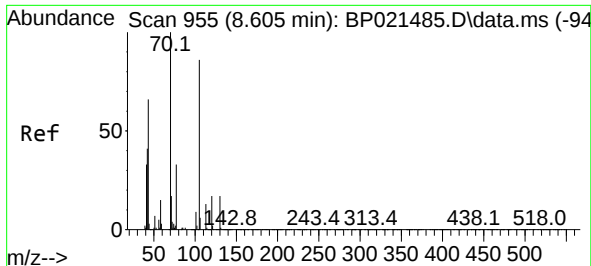
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#18
Hexachloroethane
Concen: 42.619 ng
RT: 8.881 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion:117 Resp: 539177
Ion Ratio Lower Upper
117 100
119 94.3 73.9 110.9
201 93.6 74.9 112.3





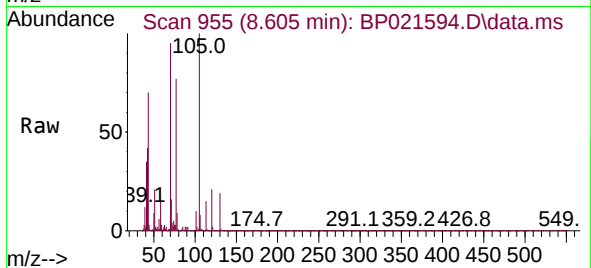
#19
n-Nitroso-di-n-propylamine
Concen: 34.647 ng
RT: 8.605 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

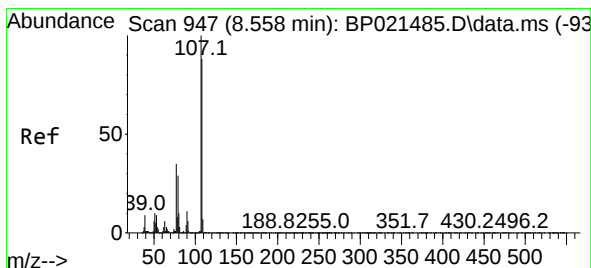
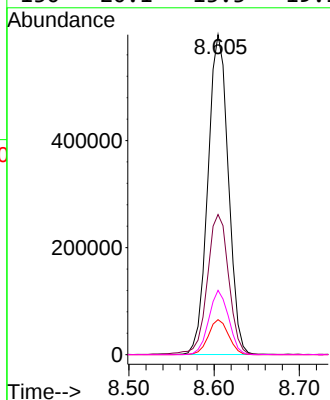
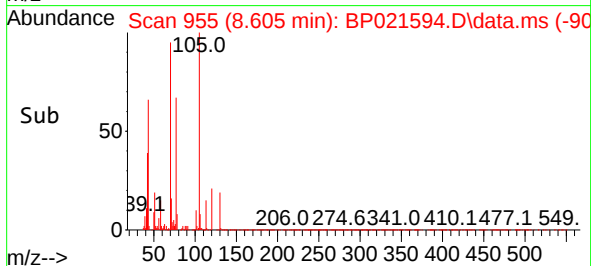


Tgt Ion: 70 Resp: 993730
Ion Ratio Lower Upper
70 100
42 43.8 33.1 49.7
101 10.9 7.4 11.2
130 20.1 13.3 19.9#

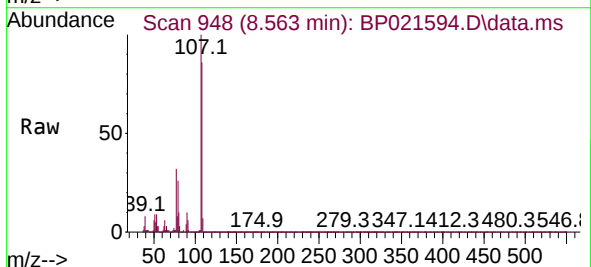
Manual Integrations

APPROVED

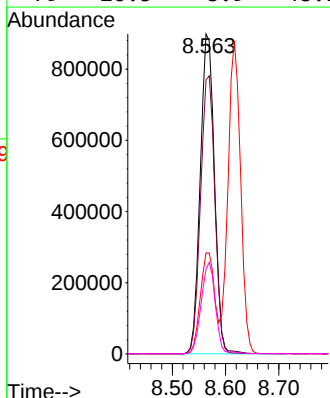
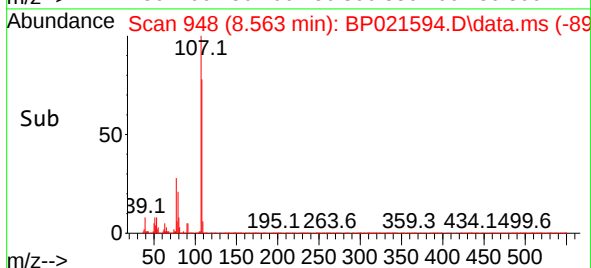
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

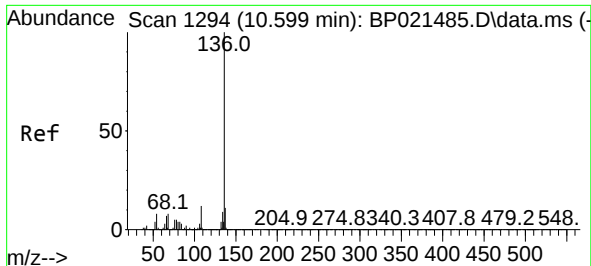


#20
3+4-Methylphenols
Concen: 45.318 ng
RT: 8.563 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19



Tgt Ion:107 Resp: 1660934
Ion Ratio Lower Upper
107 100
108 85.6 67.6 107.6
77 31.6 15.0 55.0
79 26.5 8.9 48.9





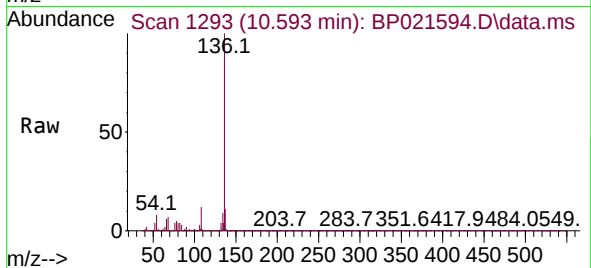
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

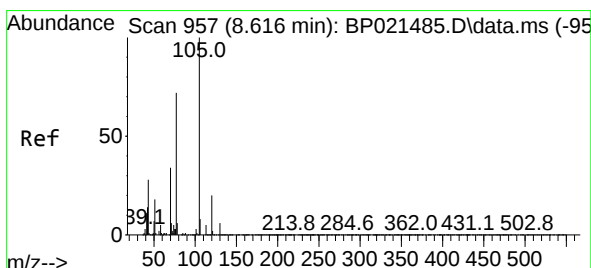
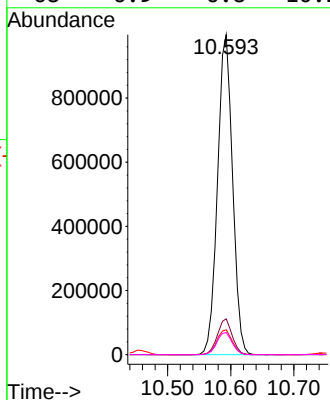
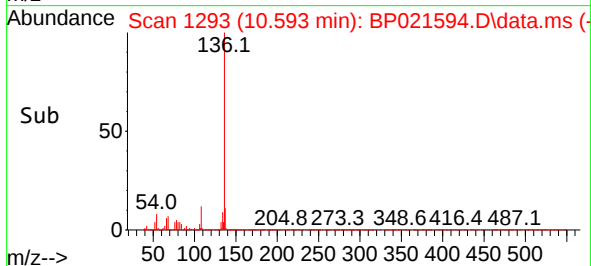


Tgt Ion:136 Resp: 164951
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.8 6.3 9.5
68 6.9 6.8 10.2

Manual Integrations

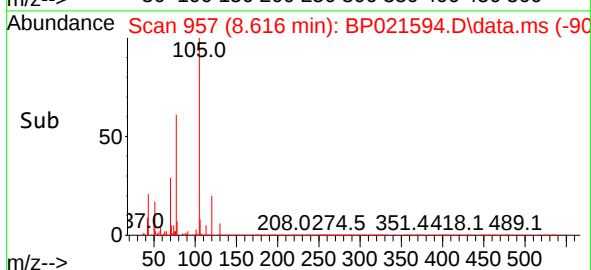
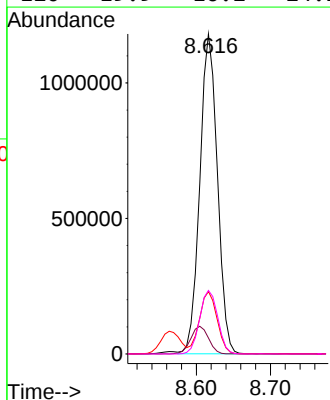
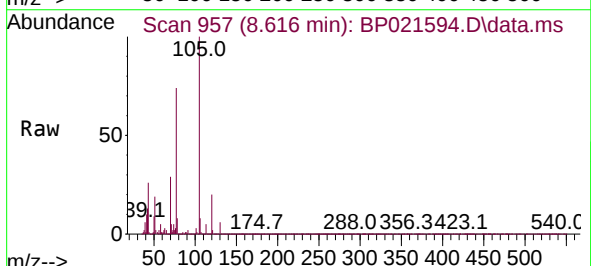
APPROVED

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



#22
Acetophenone
Concen: 38.403 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion:105 Resp: 1946063
Ion Ratio Lower Upper
105 100
71 5.0 4.6 7.0
51 19.5 16.3 24.5
120 19.9 16.2 24.2





#23

Nitrobenzene-d5

Concen: 91.599 ng

RT: 8.952 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

Tgt Ion: 82 Resp: 292731

Ion Ratio Lower Upper

82 100

128 38.2 26.5 39.7

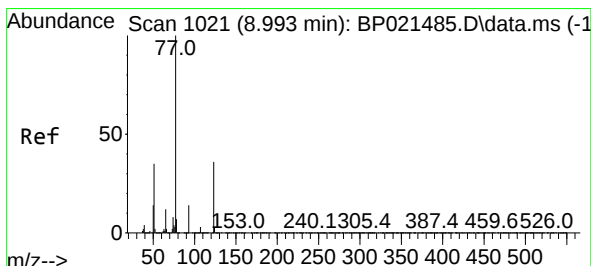
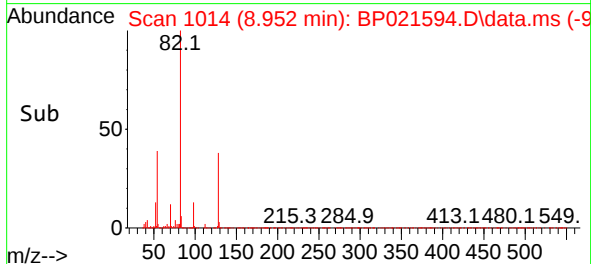
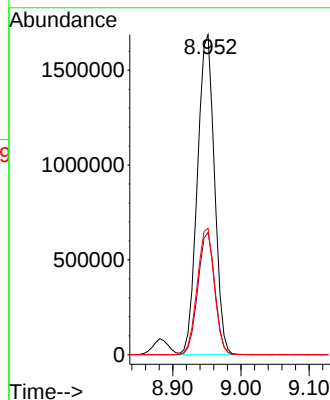
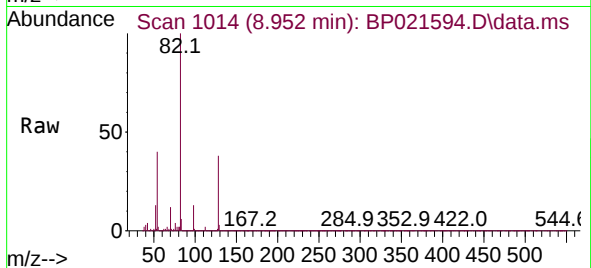
54 39.5 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#24

Nitrobenzene

Concen: 43.927 ng

RT: 8.993 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

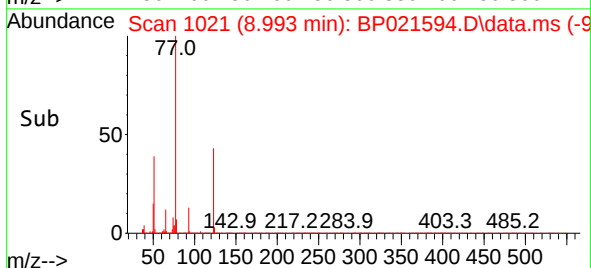
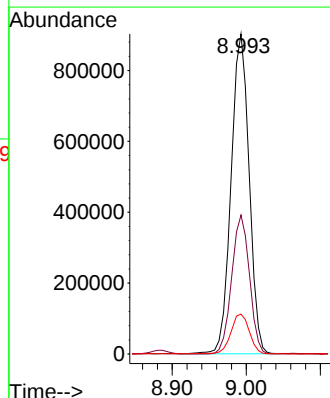
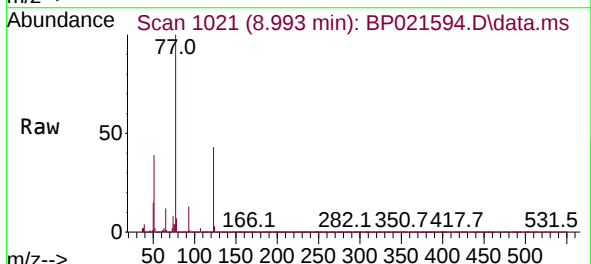
Tgt Ion: 77 Resp: 1524677

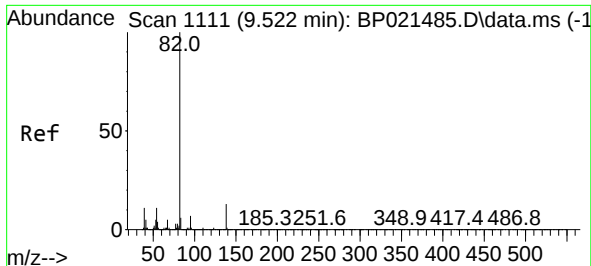
Ion Ratio Lower Upper

77 100

123 43.4 29.5 44.3

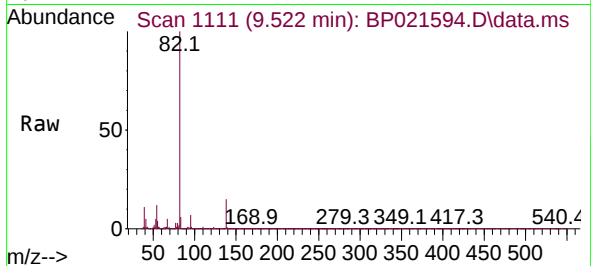
65 12.5 9.9 14.9





#25
Isophorone
Concen: 38.214 ng
RT: 9.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

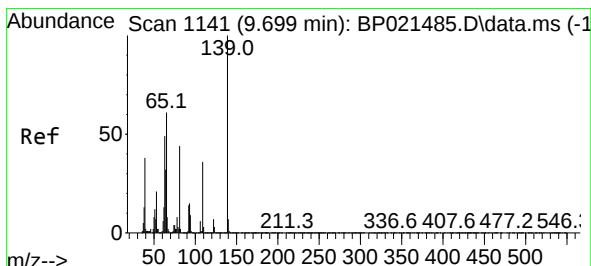
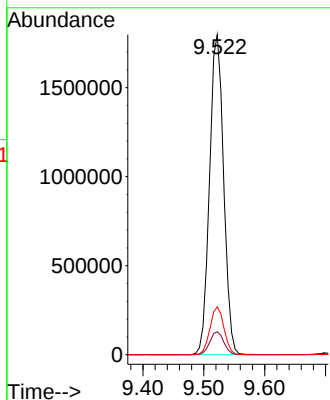
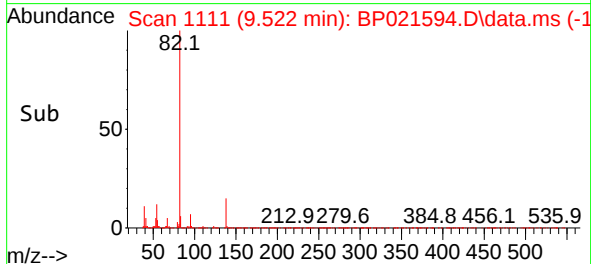
Instrument :
BNA_P
ClientSampleId :
PB162788BS



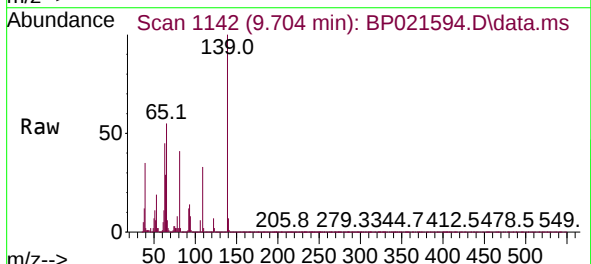
Tgt Ion: 82 Resp: 288514
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 14.9 10.6 16.0

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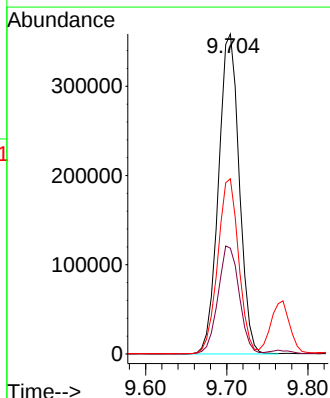
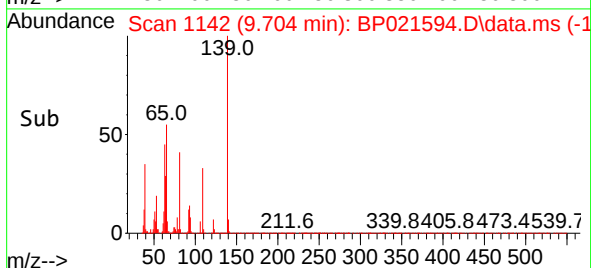
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

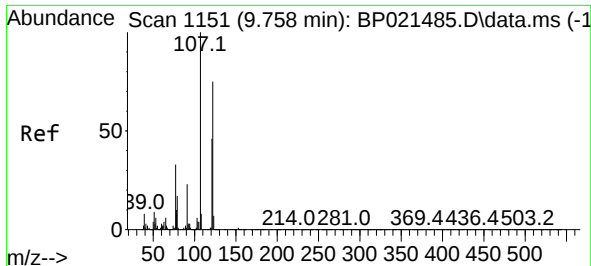


#26
2-Nitrophenol
Concen: 62.745 ng
RT: 9.704 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19



Tgt Ion:139 Resp: 637241
Ion Ratio Lower Upper
139 100
109 33.0 28.9 43.3
65 54.8 49.0 73.6





#27

2,4-Dimethylphenol

Concen: 50.318 ng

RT: 9.769 min Scan# 1151

Delta R.T. 0.012 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

Tgt Ion:122 Resp: 937530

Ion Ratio Lower Upper

122 100

107 127.3 106.2 159.4

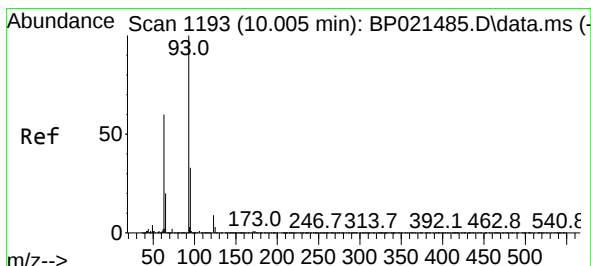
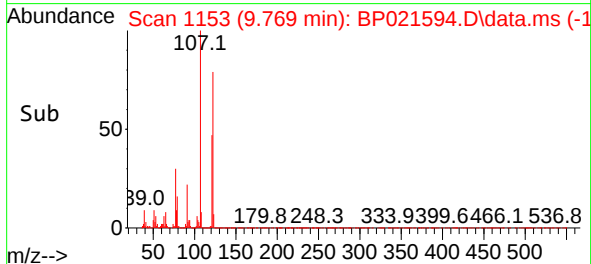
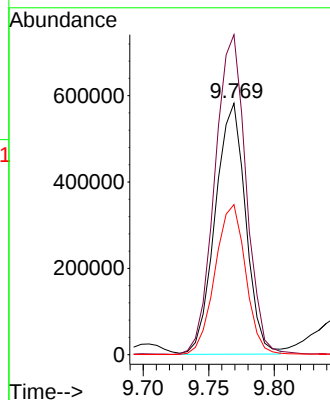
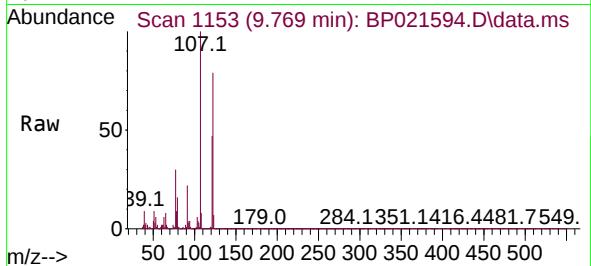
121 59.7 48.8 73.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.013 ng

RT: 10.004 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

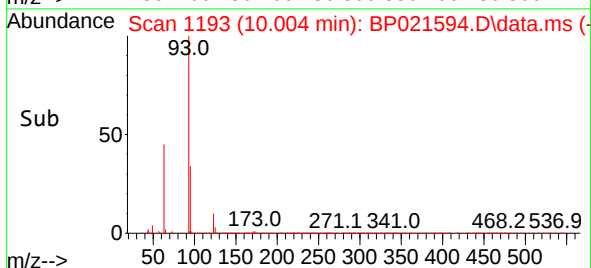
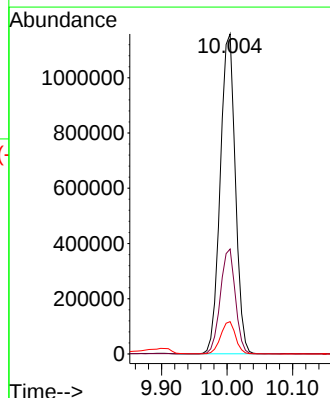
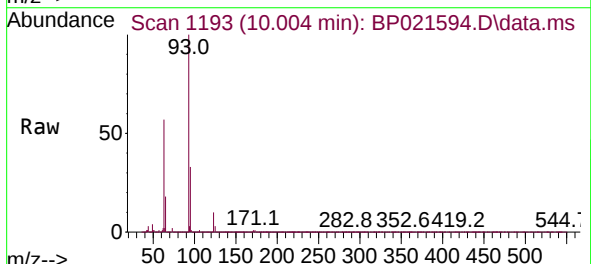
Tgt Ion: 93 Resp: 1844016

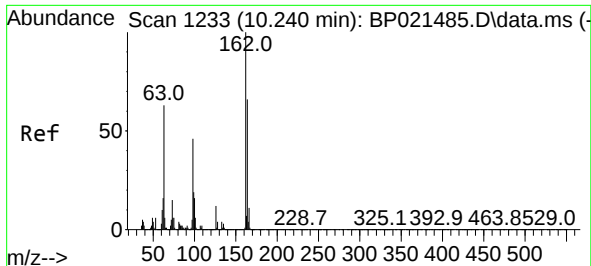
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

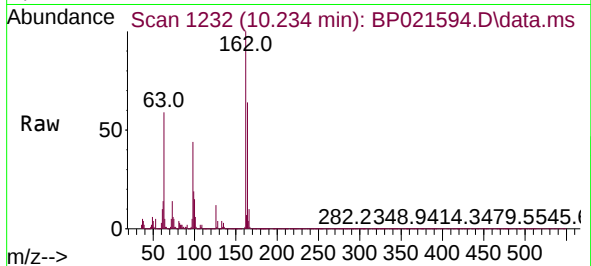
123 10.1 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 52.126 ng
RT: 10.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

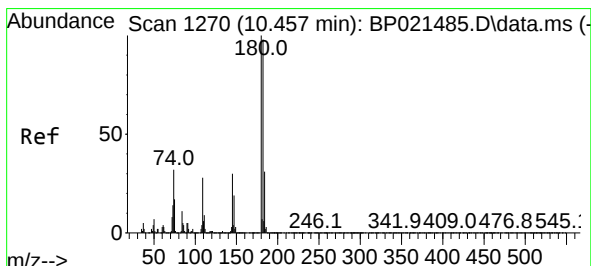
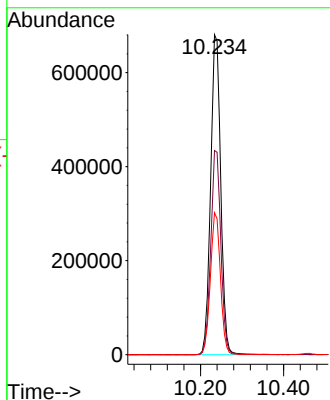
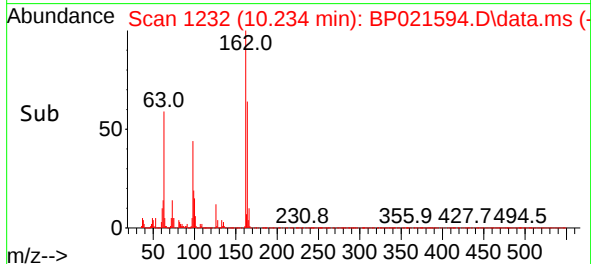
Instrument :
BNA_P
ClientSampleId :
PB162788BS



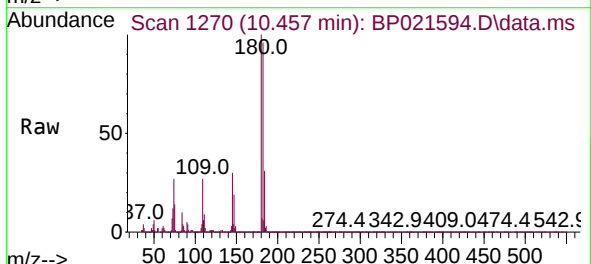
Tgt Ion:162 Resp: 1147538
Ion Ratio Lower Upper
162 100
164 63.8 45.9 85.9
98 44.3 26.3 66.3

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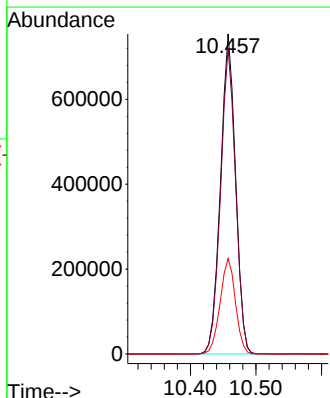
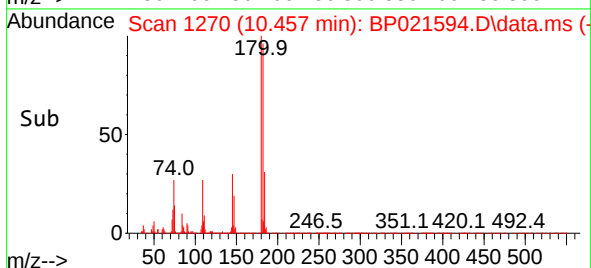
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

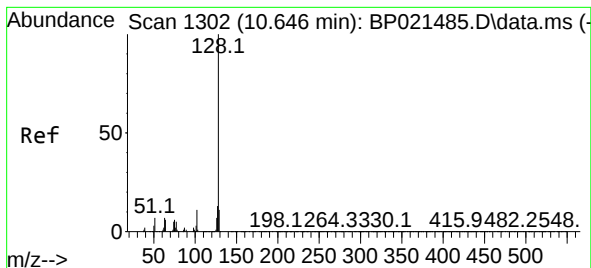


#30
1,2,4-Trichlorobenzene
Concen: 42.353 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19



Tgt Ion:180 Resp: 1195360
Ion Ratio Lower Upper
180 100
182 95.6 78.3 117.5
145 29.8 24.0 36.0





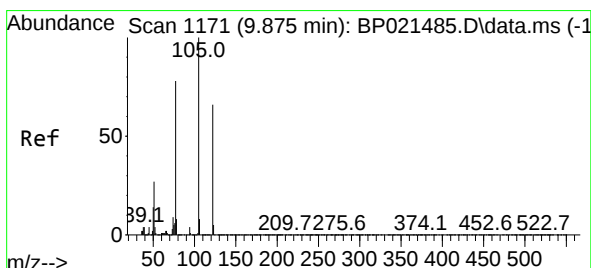
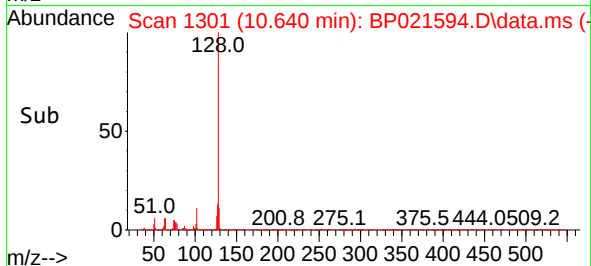
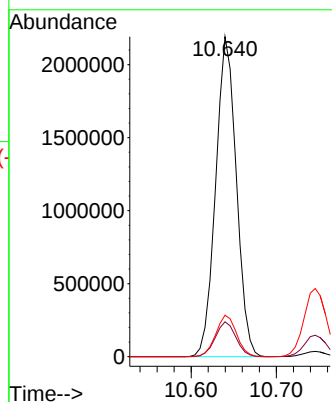
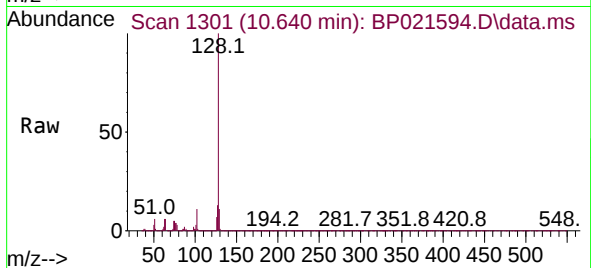
#31
Naphthalene
Concen: 42.868 ng
RT: 10.640 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :
BNA_P
ClientSampleId :
PB162788BS

Tgt Ion:128 Resp: 369397
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.0 10.6 15.8

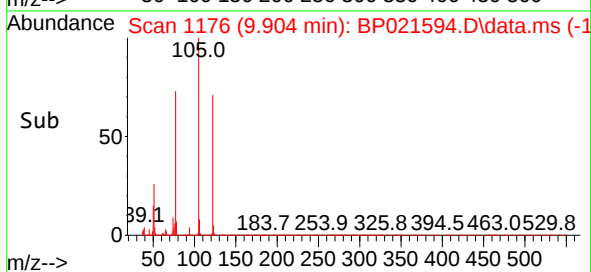
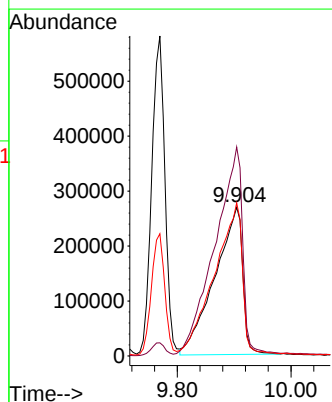
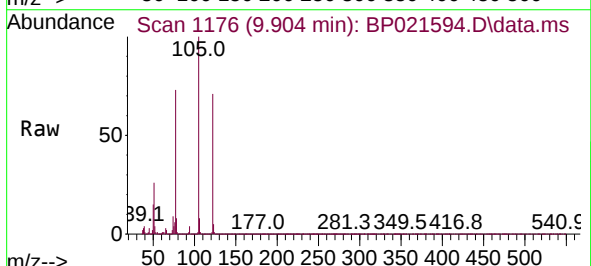
Manual Integrations
APPROVED

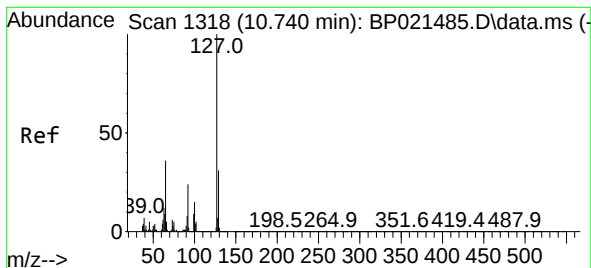
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#32
Benzoic acid
Concen: 65.023 ng
RT: 9.904 min Scan# 1176
Delta R.T. 0.029 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion:122 Resp: 910002
Ion Ratio Lower Upper
122 100
105 140.5 124.6 164.6
77 103.0 96.2 136.2





#33
4-Chloroaniline
Concen: 26.851 ng
RT: 10.746 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

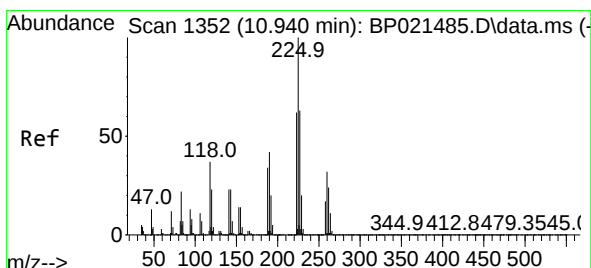
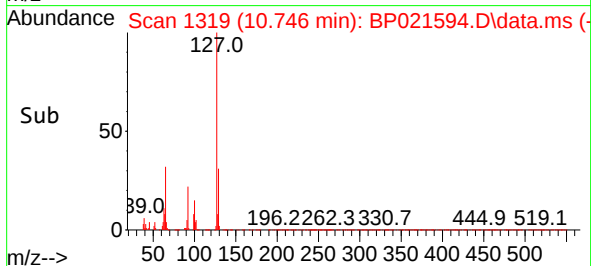
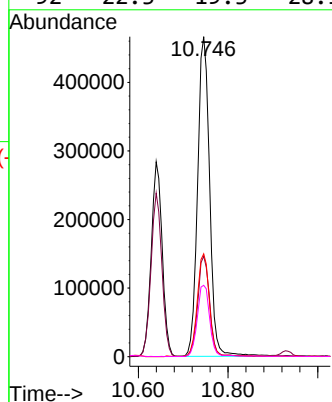
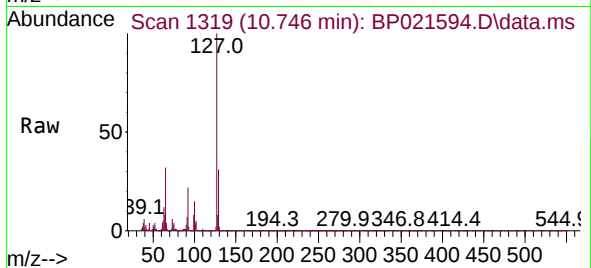
PB162788BS

Tgt Ion:127 Resp: 869140
Ion Ratio Lower Upper
127 100
129 31.4 24.5 36.7
65 32.1 28.9 43.3
92 22.3 19.3 28.9

Manual Integrations

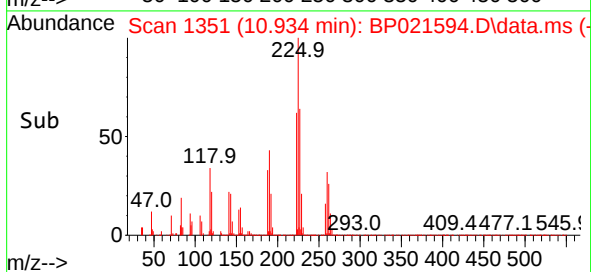
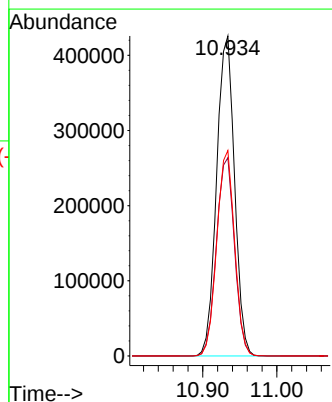
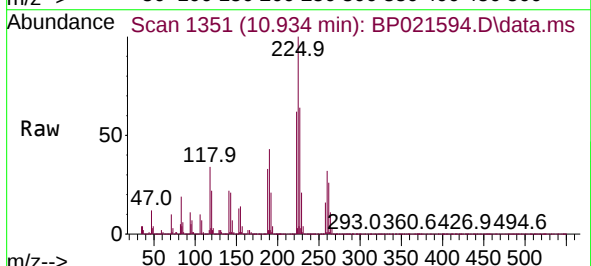
APPROVED

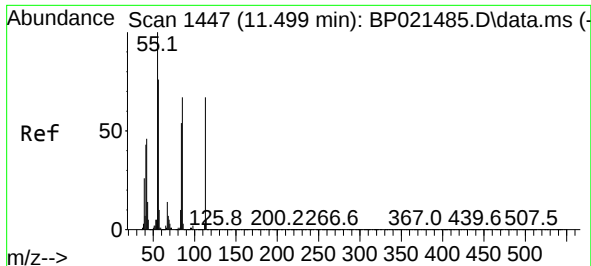
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#34
Hexachlorobutadiene
Concen: 40.221 ng
RT: 10.934 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

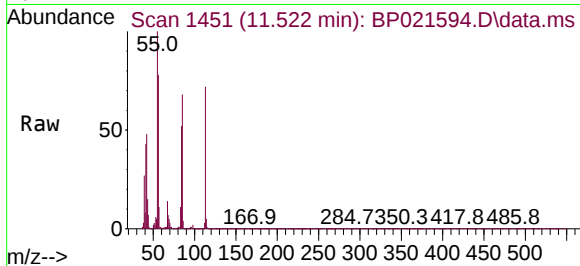
Tgt Ion:225 Resp: 714754
Ion Ratio Lower Upper
225 100
223 61.9 49.6 74.4
227 64.2 50.1 75.1





#35
Caprolactam
Concen: 46.130 ng
RT: 11.522 min Scan# 1447
Delta R.T. 0.023 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

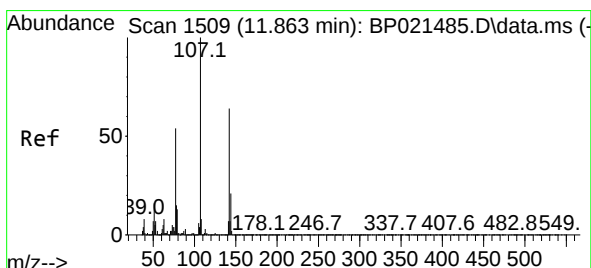
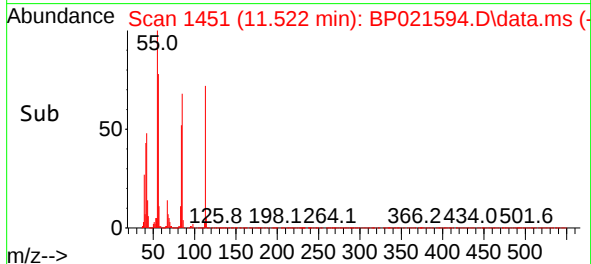
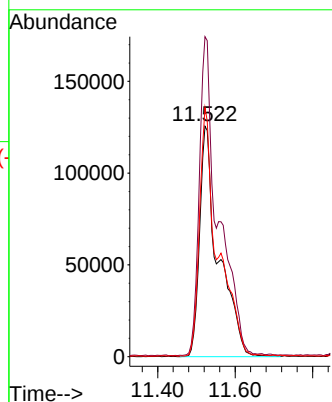
Instrument :
BNA_P
ClientSampleId :
PB162788BS



Tgt Ion:113 Resp: 422702
Ion Ratio Lower Upper
113 100
55 138.8 130.6 170.6
56 108.1 94.6 134.6

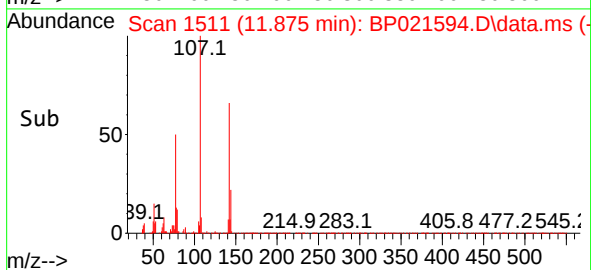
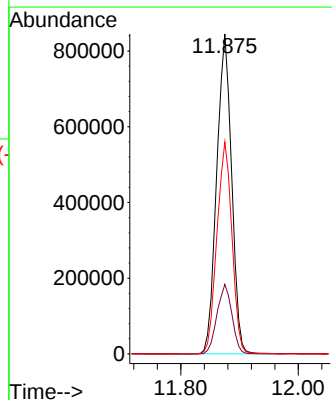
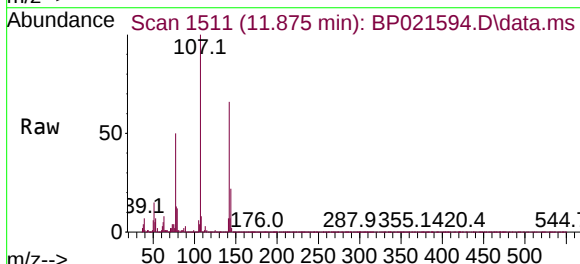
Manual Integrations
APPROVED

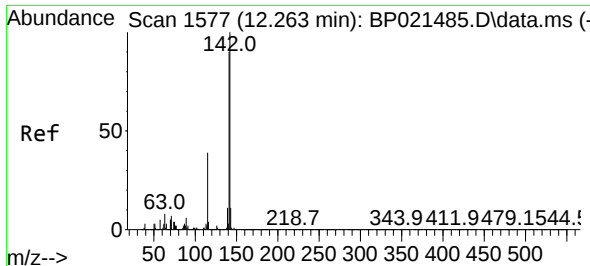
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#36
4-Chloro-3-methylphenol
Concen: 48.834 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.012 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion:107 Resp: 1491263
Ion Ratio Lower Upper
107 100
144 21.7 16.6 24.8
142 66.3 51.0 76.4





#37
2-Methylnaphthalene
Concen: 42.090 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

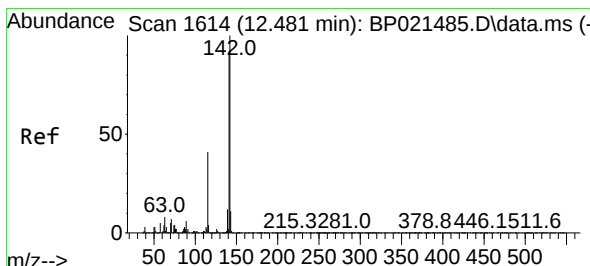
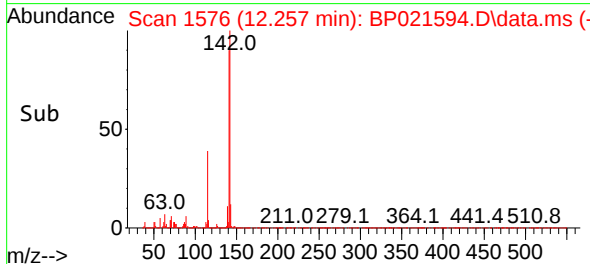
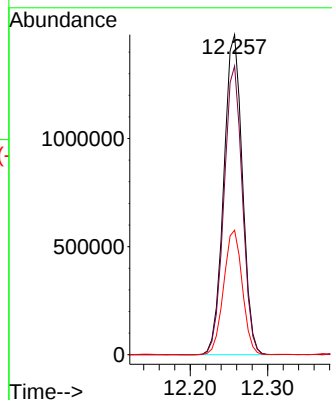
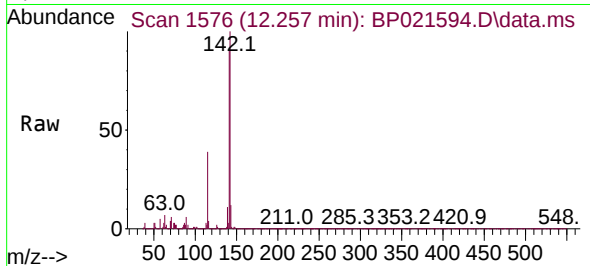
PB162788BS

Tgt Ion:142 Resp: 2475344
Ion Ratio Lower Upper
142 100
141 90.2 71.7 107.5
115 38.9 31.4 47.2

Manual Integrations

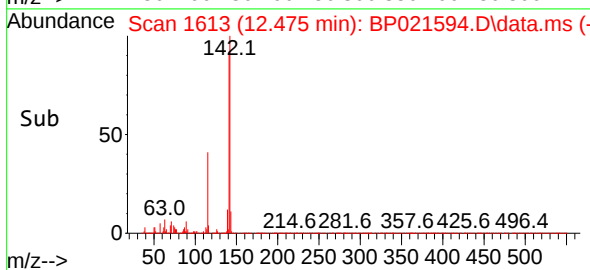
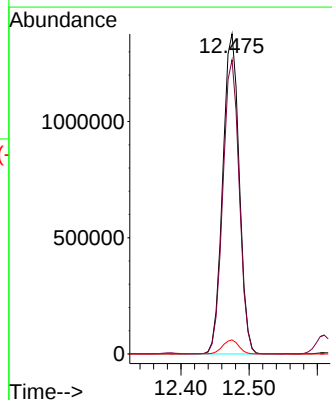
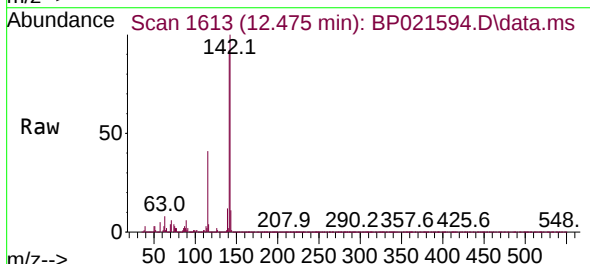
APPROVED

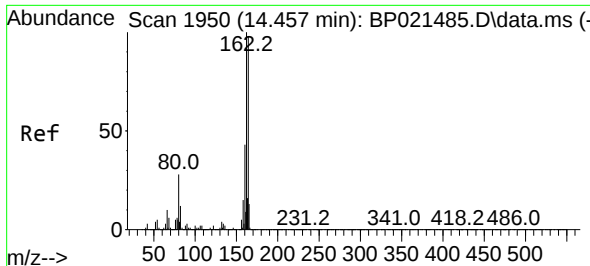
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#38
1-Methylnaphthalene
Concen: 39.781 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion:142 Resp: 2307433
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3
116 4.4 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

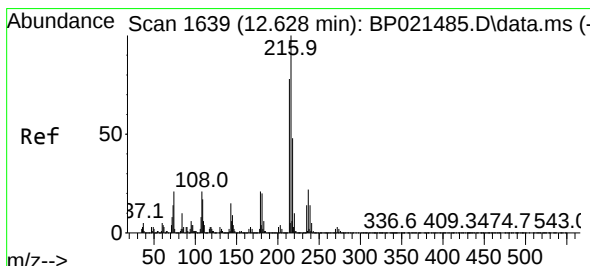
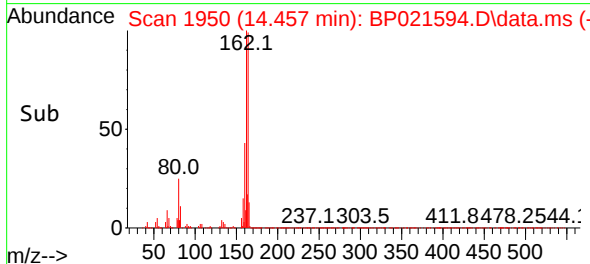
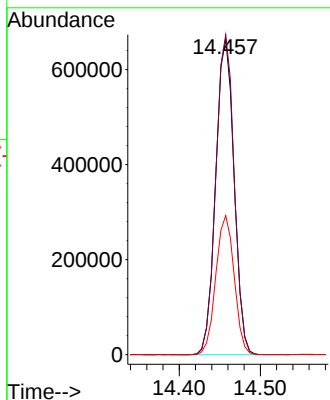
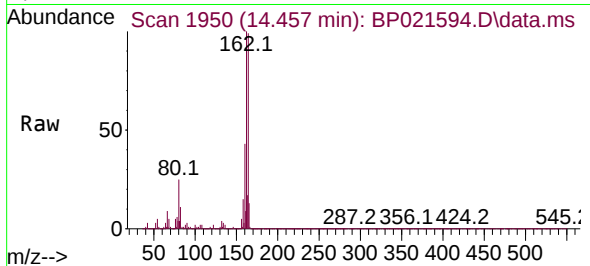
ClientSampleId :

PB162788BS

Tgt Ion:164 Resp: 1043030
Ion Ratio Lower Upper
164 100
162 101.3 81.5 122.3
160 44.0 35.2 52.8

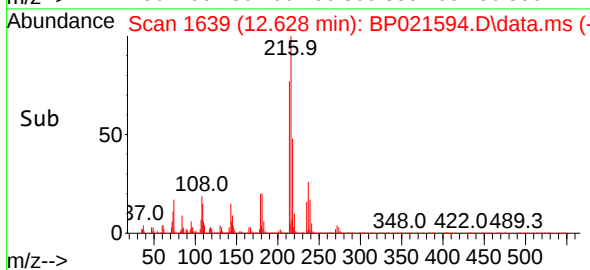
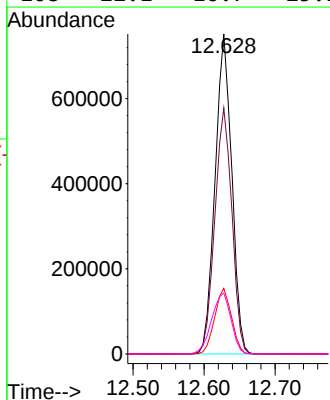
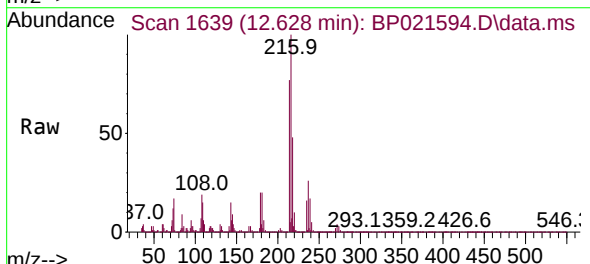
Manual Integrations
APPROVED

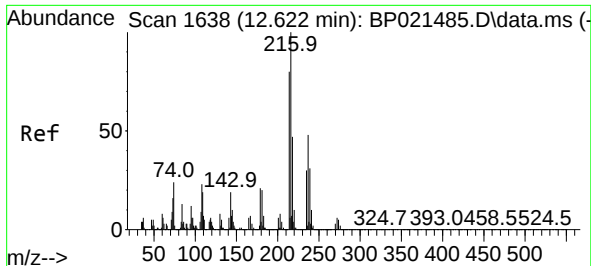
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.010 ng
RT: 12.628 min Scan# 1639
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

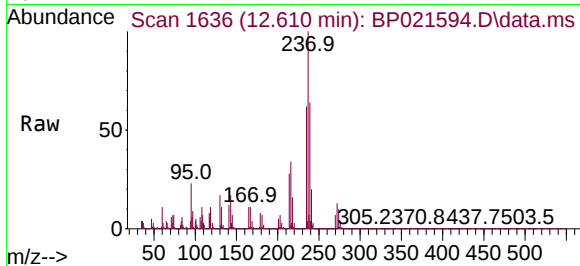
Tgt Ion:216 Resp: 1222750
Ion Ratio Lower Upper
216 100
214 78.6 62.5 93.7
179 20.8 16.4 24.6
108 22.1 16.7 25.1





#41
Hexachlorocyclopentadiene
Concen: 113.481 ng
RT: 12.610 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

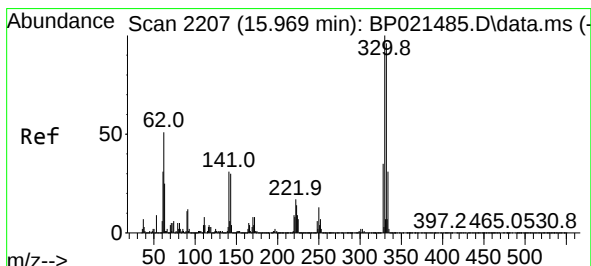
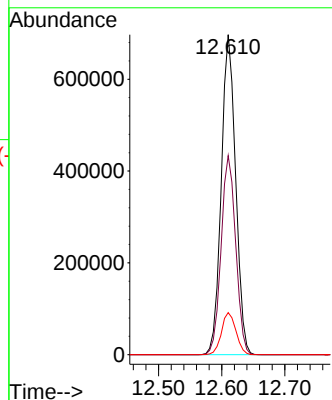
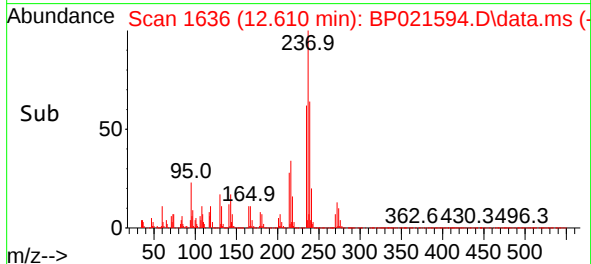
Instrument :
BNA_P
ClientSampleId :
PB162788BS



Tgt Ion:237 Resp: 1099174
Ion Ratio Lower Upper
237 100
235 62.2 43.9 83.9
272 13.1 0.0 33.3

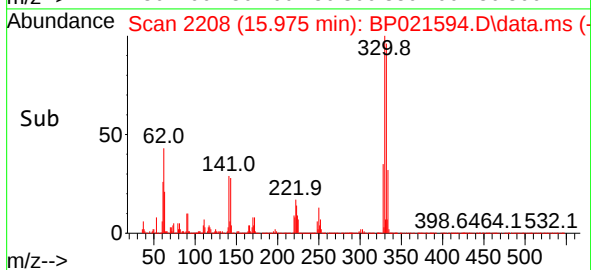
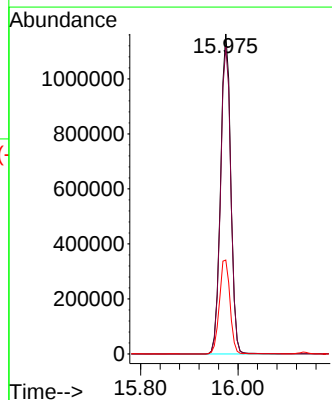
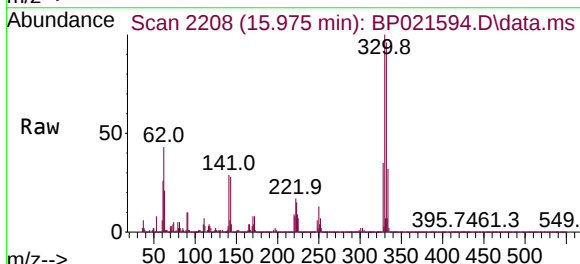
Manual Integrations
APPROVED

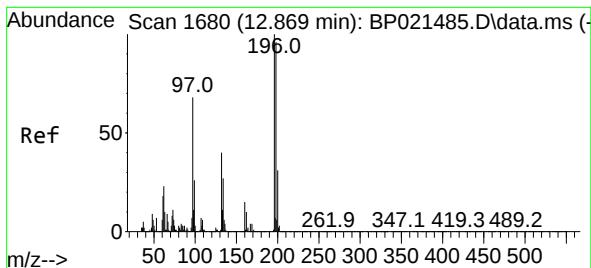
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#42
2,4,6-Tribromophenol
Concen: 145.552 ng
RT: 15.975 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion:330 Resp: 1689654
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 30.6 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 54.540 ng

RT: 12.863 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

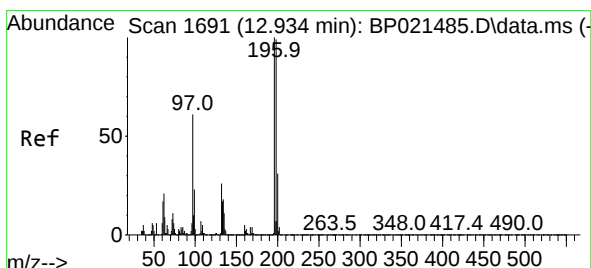
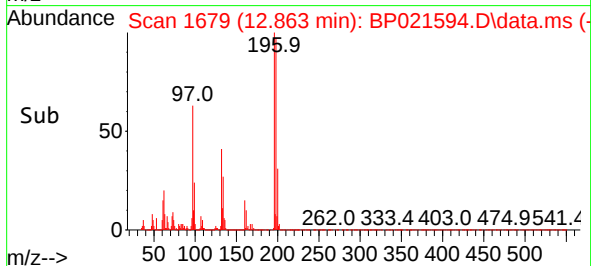
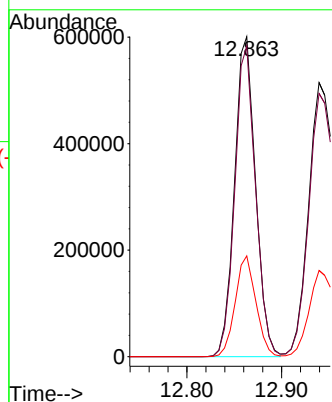
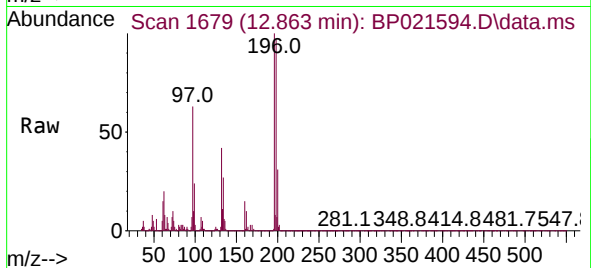
Tgt Ion:196	Resp:	92588
Ion Ratio	Lower	Upper
196	100	
198	97.1	76.6 114.8
200	31.5	24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#44

2,4,5-Trichlorophenol

Concen: 52.741 ng

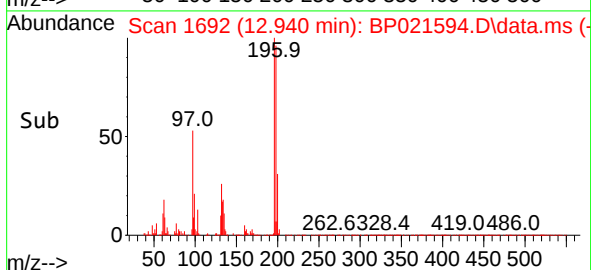
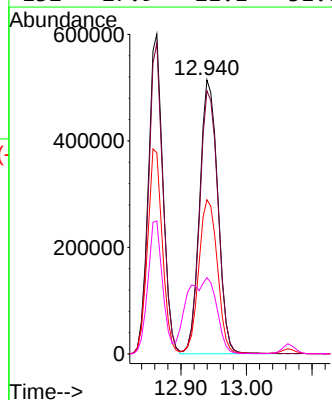
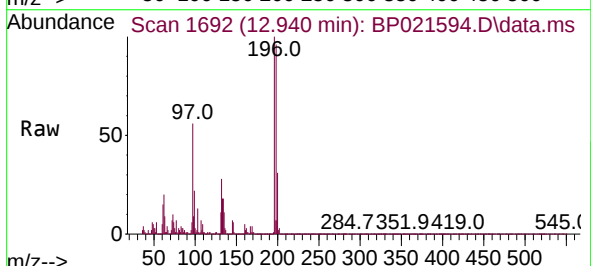
RT: 12.940 min Scan# 1692

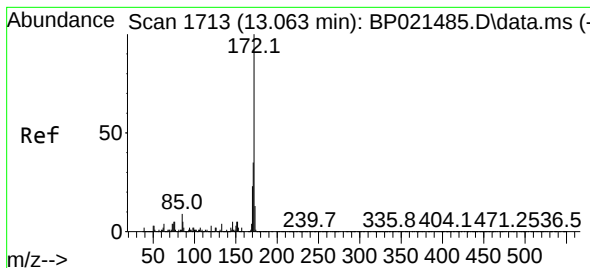
Delta R.T. 0.006 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Tgt Ion:196	Resp:	994761
Ion Ratio	Lower	Upper
196	100	
198	96.0	78.9 118.3
97	56.2	49.4 74.0
132	27.9	21.1 31.7





#45
2-Fluorobiphenyl
Concen: 78.750 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

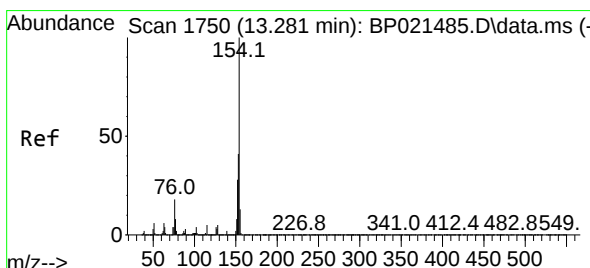
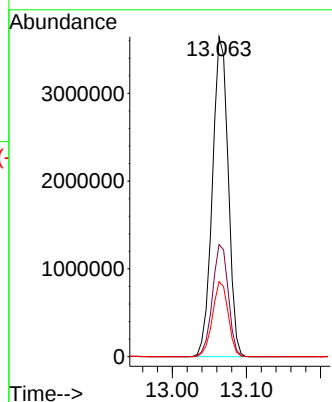
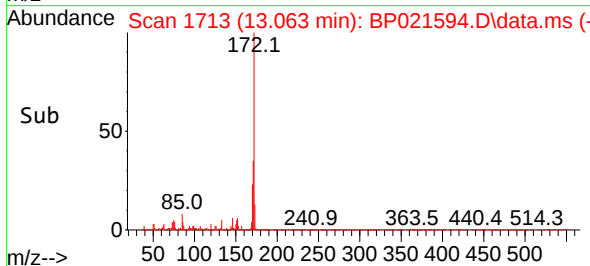
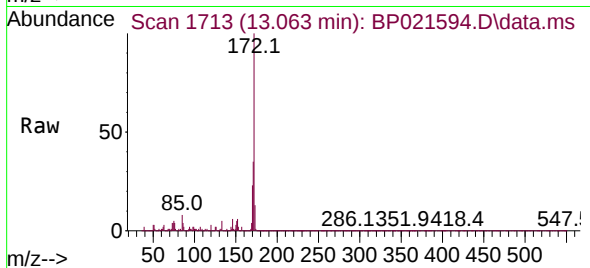
PB162788BS

Tgt Ion:172 Resp: 538209
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.5 18.4 27.6

Manual Integrations

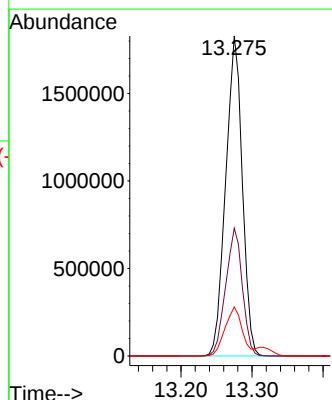
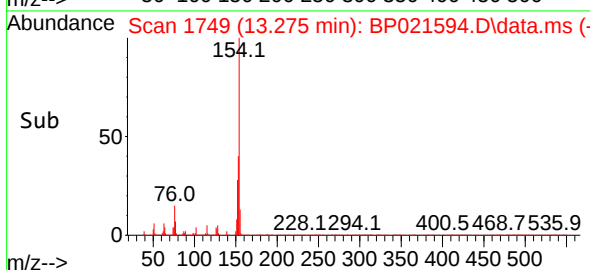
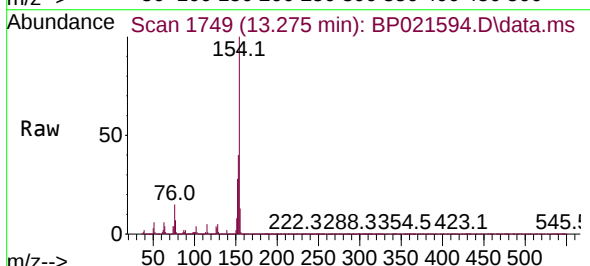
APPROVED

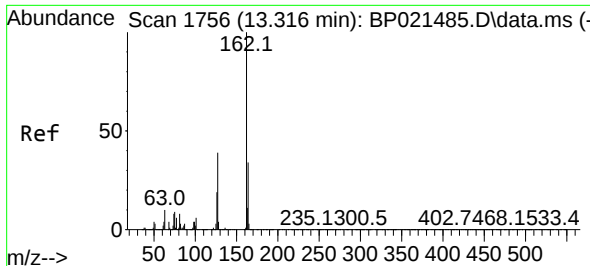
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#46
1,1'-Biphenyl
Concen: 40.110 ng
RT: 13.275 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion:154 Resp: 2959960
Ion Ratio Lower Upper
154 100
153 40.0 20.7 60.7
76 15.3 0.0 37.7





#47

2-Chloronaphthalene

Concen: 43.346 ng

RT: 13.316 min Scan# 1756

Delta R.T. -0.000 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

Tgt Ion:162 Resp: 249036

Ion Ratio Lower Upper

162 100

127 40.0 31.9 47.9

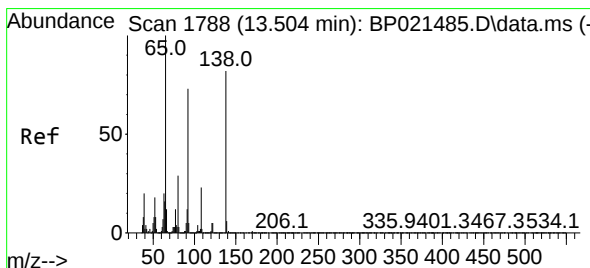
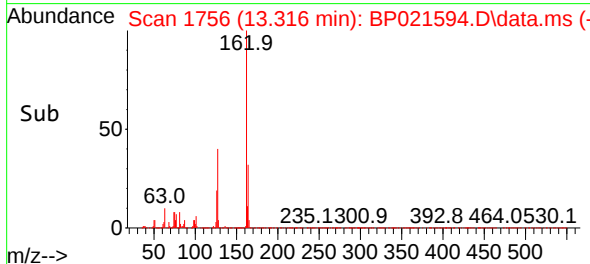
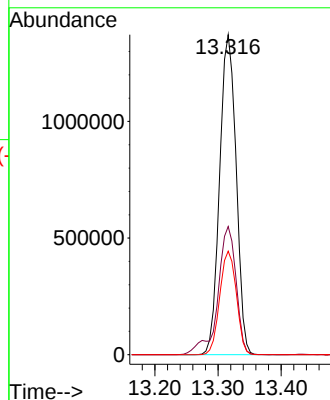
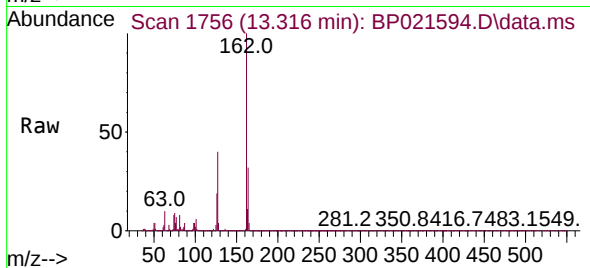
164 32.4 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#48

2-Nitroaniline

Concen: 52.599 ng

RT: 13.510 min Scan# 1789

Delta R.T. 0.006 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

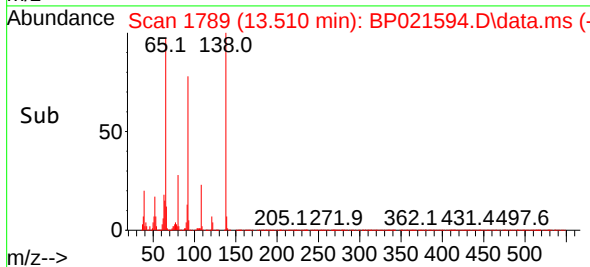
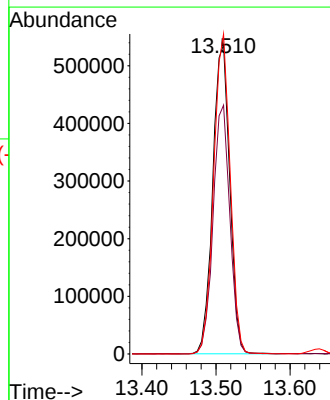
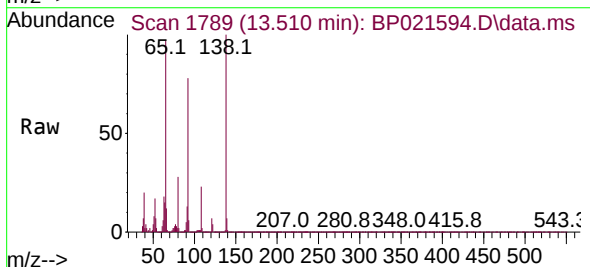
Tgt Ion: 65 Resp: 855860

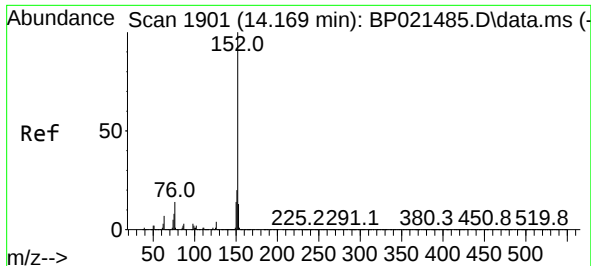
Ion Ratio Lower Upper

65 100

92 80.5 58.1 87.1

138 103.5 65.5 98.3





#49
Acenaphthylene
Concen: 47.745 ng
RT: 14.169 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

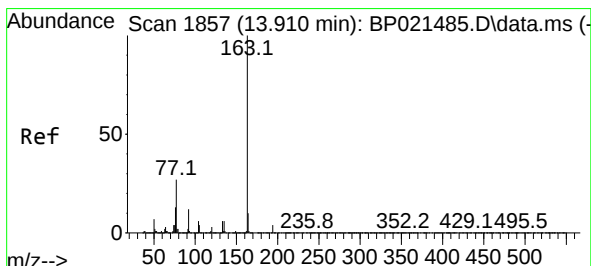
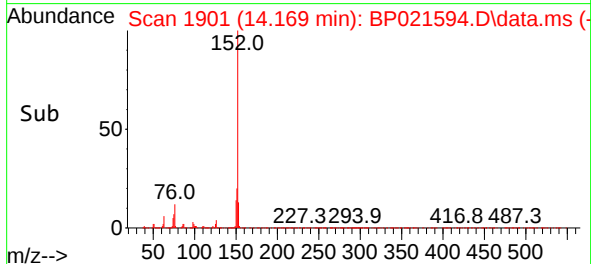
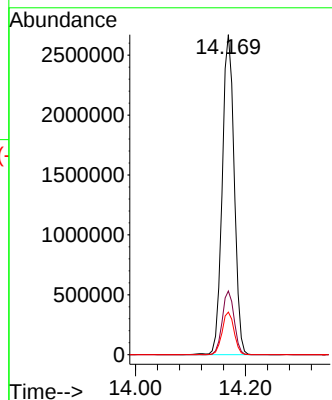
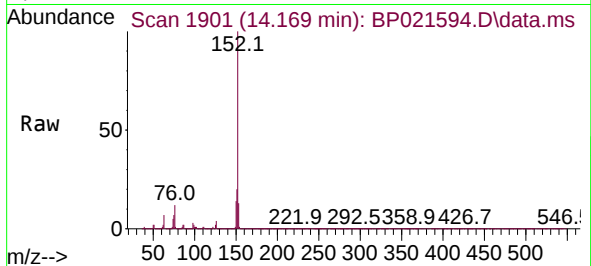
ClientSampleId :

PB162788BS

Tgt Ion:152 Resp: 403245
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 10.6 16.0

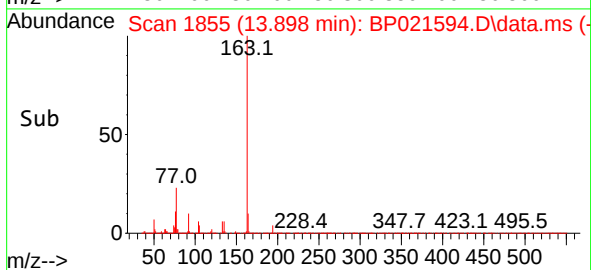
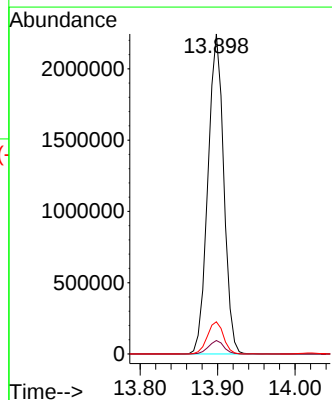
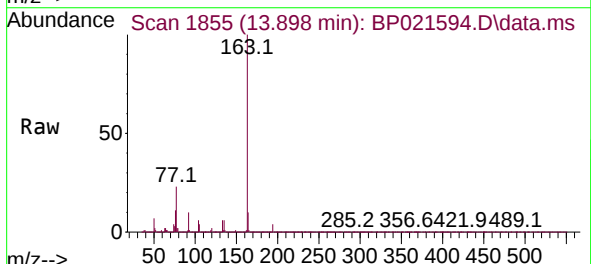
Manual Integrations
APPROVED

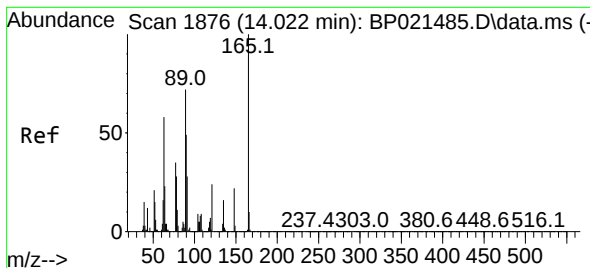
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#50
Dimethylphthalate
Concen: 45.510 ng
RT: 13.898 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

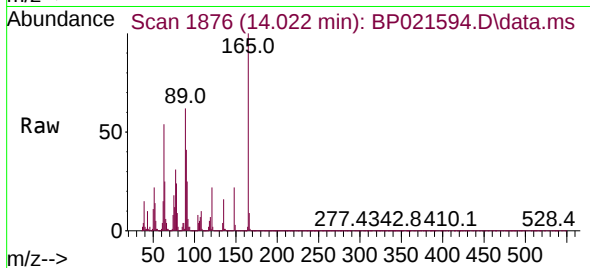
Tgt Ion:163 Resp: 3178935
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 50.126 ng
RT: 14.022 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

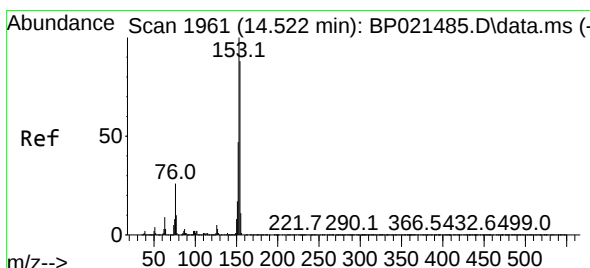
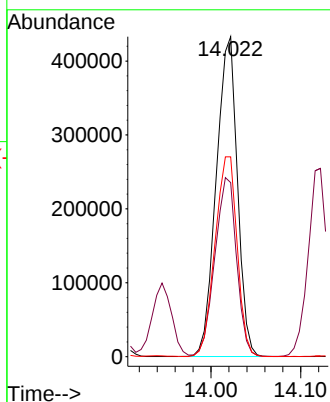
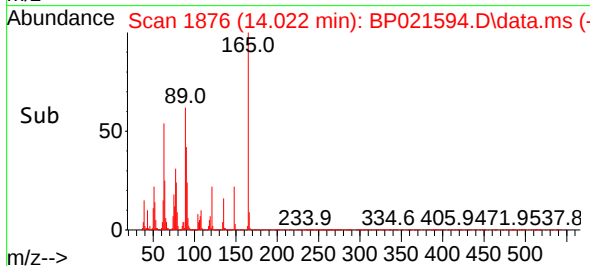
Instrument :
BNA_P
ClientSampleId :
PB162788BS



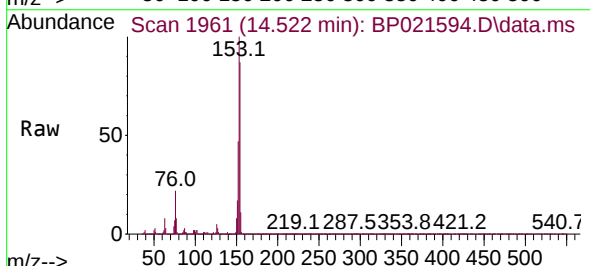
Tgt Ion:165 Resp: 70910
Ion Ratio Lower Upper
165 100
63 54.4 51.5 77.3
89 62.5 57.8 86.8

Manual Integrations
APPROVED

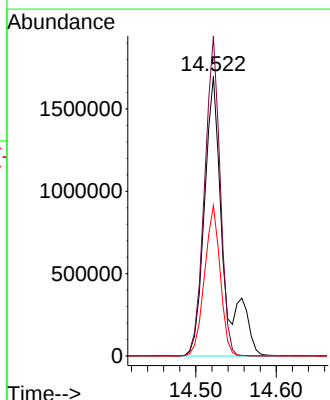
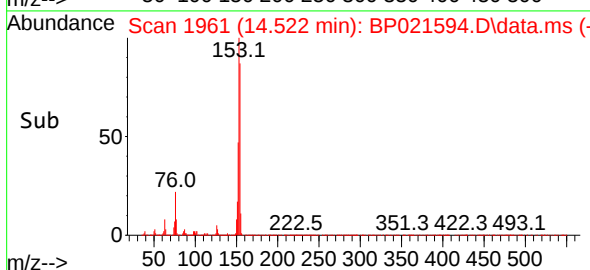
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

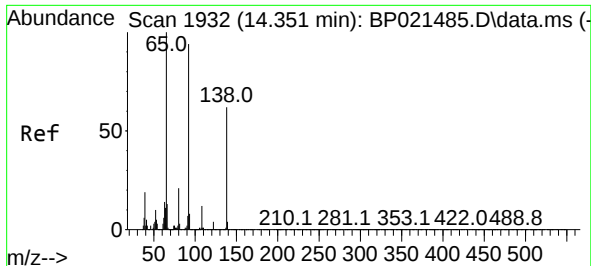


#52
Acenaphthene
Concen: 49.836 ng m
RT: 14.522 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19



Tgt Ion:154 Resp: 2761713
Ion Ratio Lower Upper
154 100
153 114.4 91.1 136.7
152 53.8 43.0 64.4





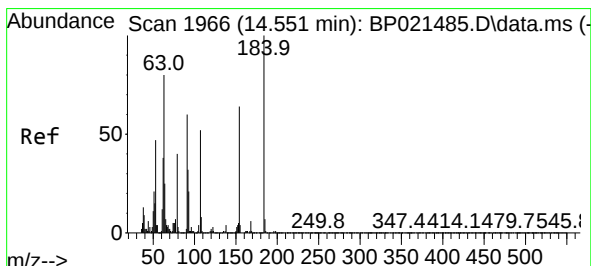
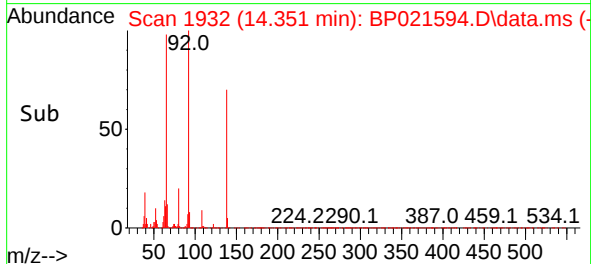
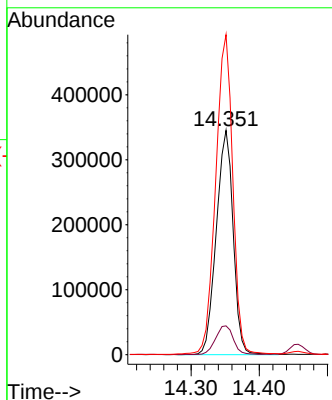
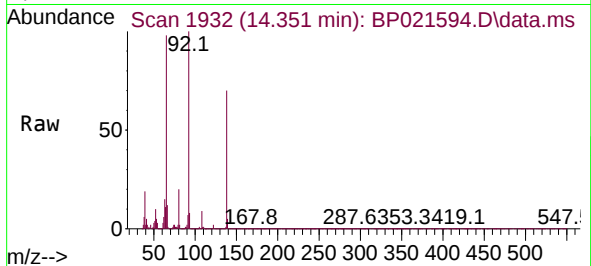
#53
3-Nitroaniline
Concen: 43.317 ng
RT: 14.351 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :
BNA_P
ClientSampleId :
PB162788BS

Tgt Ion:138 Resp: 594258
Ion Ratio Lower Upper
138 100
108 12.9 16.2 24.4
92 142.7 122.2 183.4

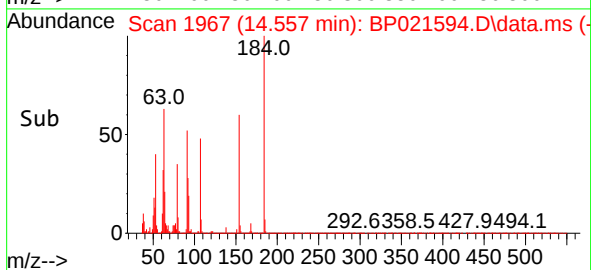
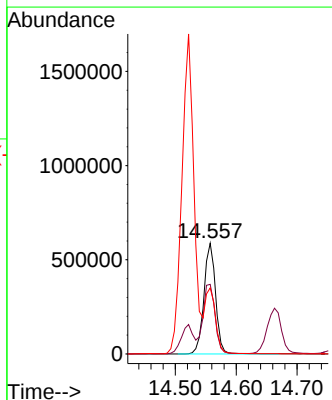
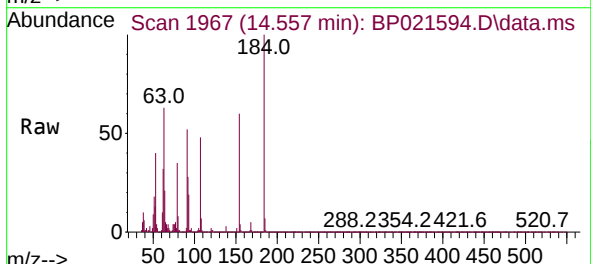
Manual Integrations
APPROVED

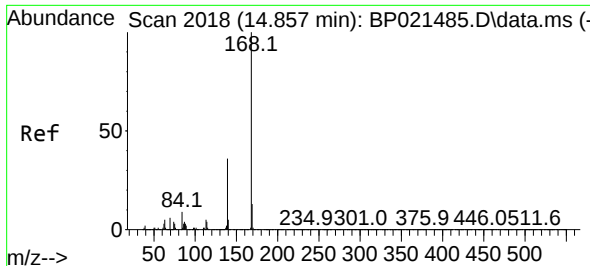
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#54
2,4-Dinitrophenol
Concen: 123.232 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

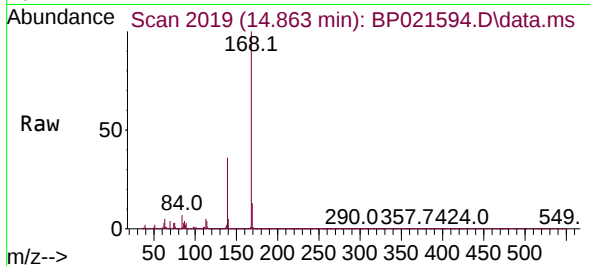
Tgt Ion:184 Resp: 779718
Ion Ratio Lower Upper
184 100
63 62.8 64.9 97.3
154 59.7 52.1 78.1





#55
Dibenzenofuran
Concen: 43.881 ng
RT: 14.863 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

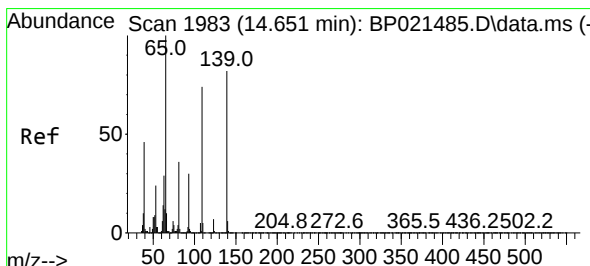
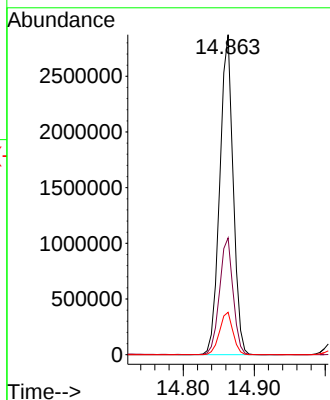
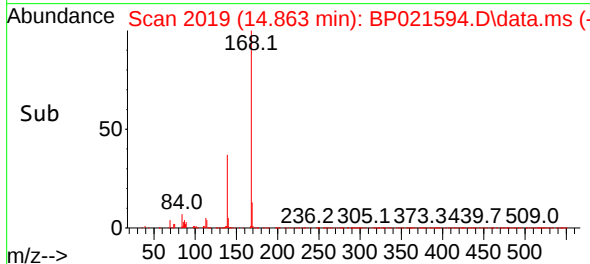
Instrument :
BNA_P
ClientSampleId :
PB162788BS



Tgt Ion:168 Resp: 3740780
Ion Ratio Lower Upper
168 100
139 36.5 28.6 43.0
169 13.2 10.6 16.0

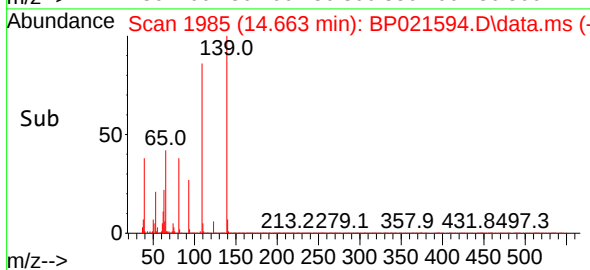
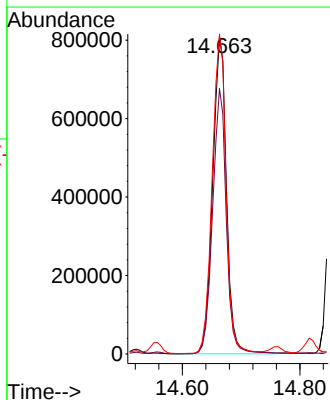
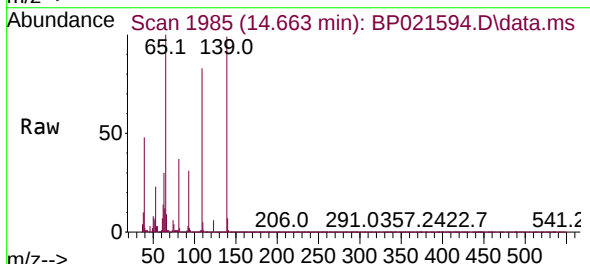
Manual Integrations
APPROVED

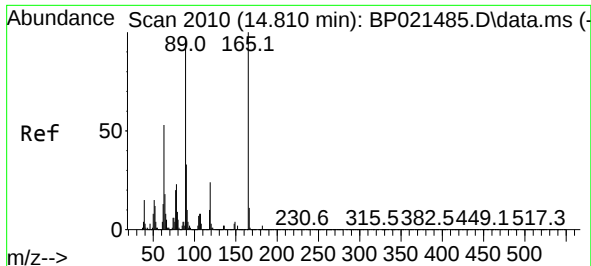
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#56
4-Nitrophenol
Concen: 111.298 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion:139 Resp: 1313936
Ion Ratio Lower Upper
139 100
109 83.8 70.2 110.2
65 101.0 101.8 141.8#





#57
2,4-Dinitrotoluene
Concen: 54.550 ng
RT: 14.816 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

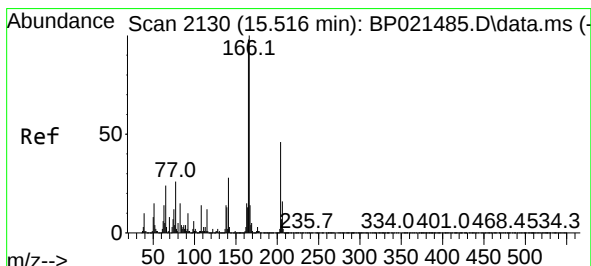
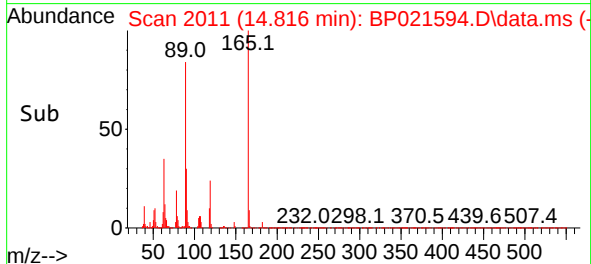
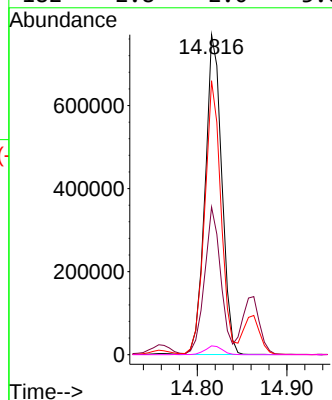
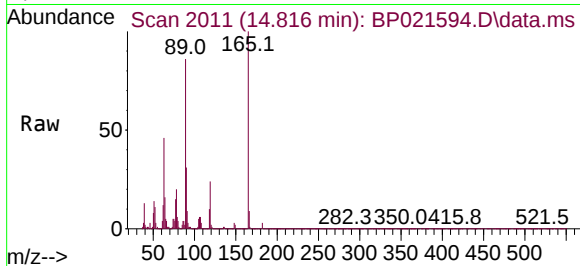
PB162788BS

Tgt Ion:165 Resp: 99143
Ion Ratio Lower Upper
165 100
63 46.2 42.5 63.7
89 85.6 77.1 115.7
182 2.8 2.0 3.0

Manual Integrations

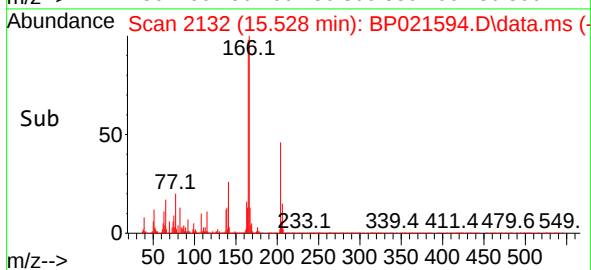
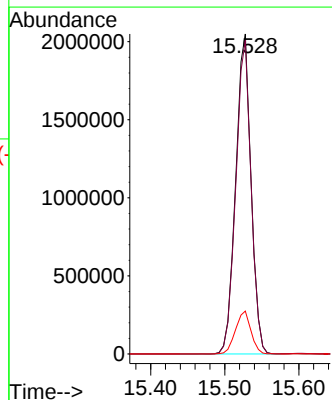
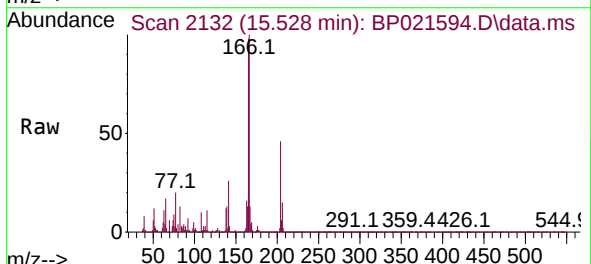
APPROVED

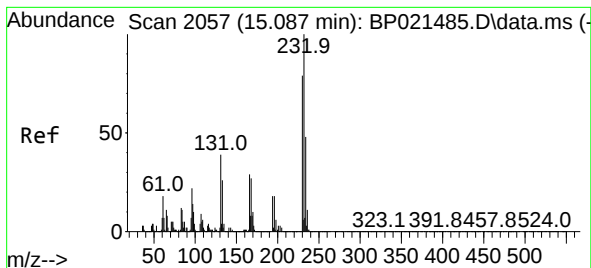
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#58
Fluorene
Concen: 42.005 ng
RT: 15.528 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion:166 Resp: 2941757
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.4 11.0 16.4





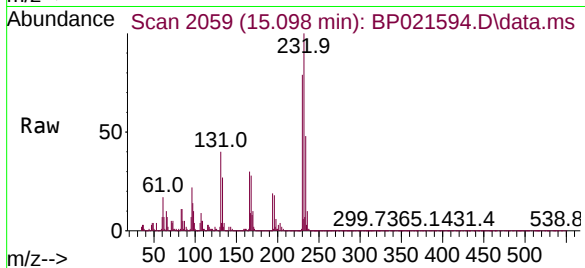
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.114 ng
RT: 15.098 min Scan# 2059
Delta R.T. 0.012 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

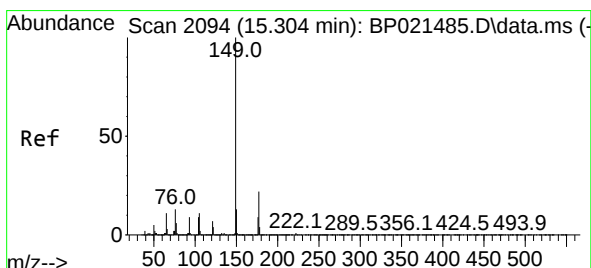
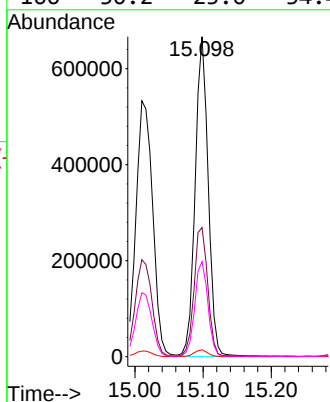
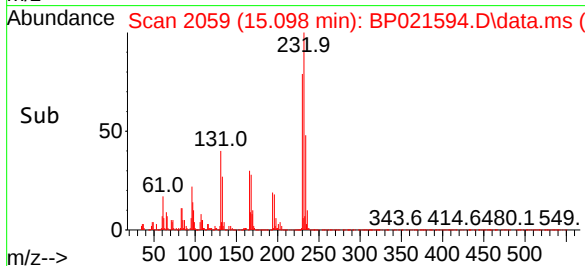


Tgt Ion:232 Resp: 882335
Ion Ratio Lower Upper
232 100
131 41.8 33.1 49.7
130 2.2 1.7 2.5
166 30.2 23.0 34.4

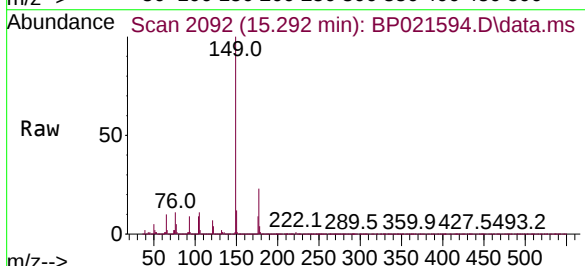
Manual Integrations

APPROVED

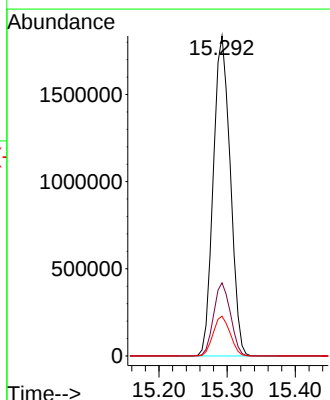
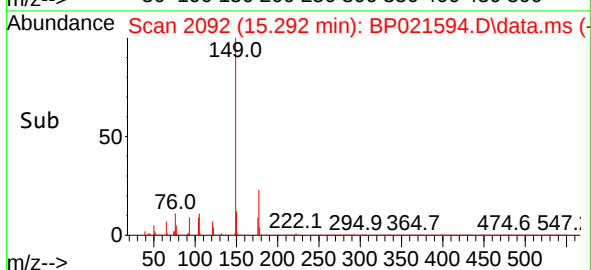
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

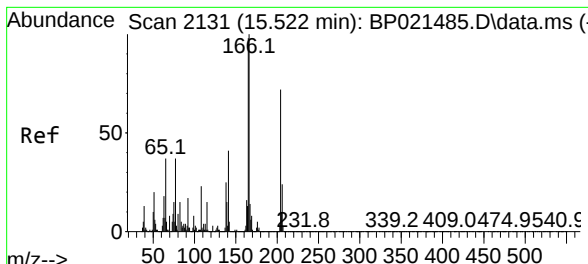


#60
Diethylphthalate
Concen: 44.382 ng
RT: 15.292 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19



Tgt Ion:149 Resp: 3180838
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.8
150 12.4 10.1 15.1





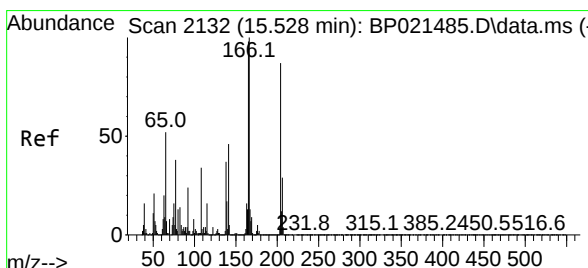
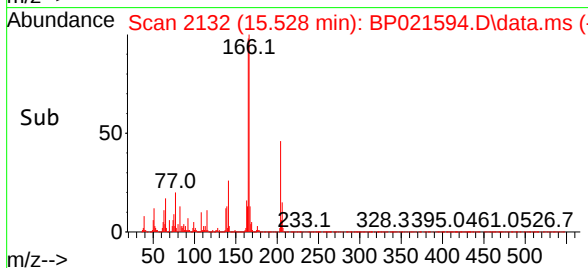
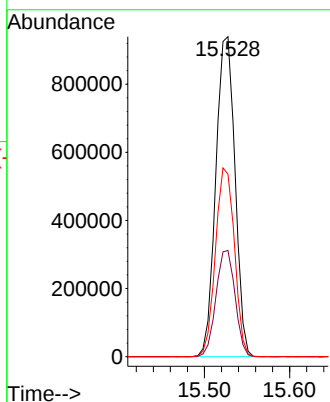
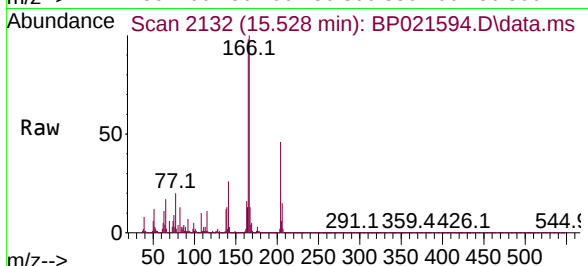
#61
4-Chlorophenyl-phenylether
Concen: 40.677 ng
RT: 15.528 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :
BNA_P
ClientSampleId :
PB162788BS

Tgt Ion:204 Resp: 147251
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 57.0 46.1 69.1

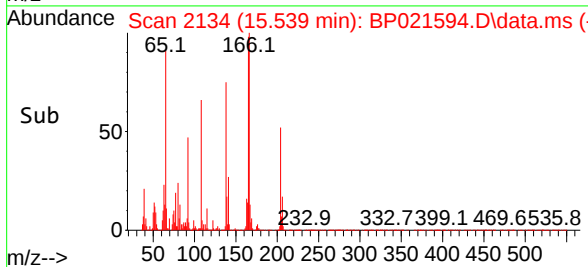
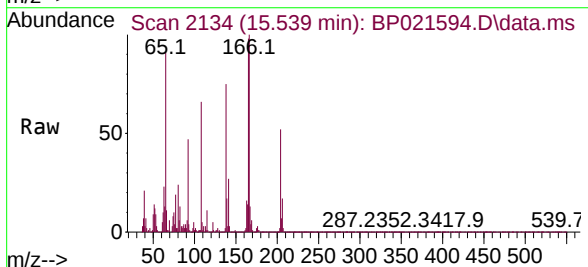
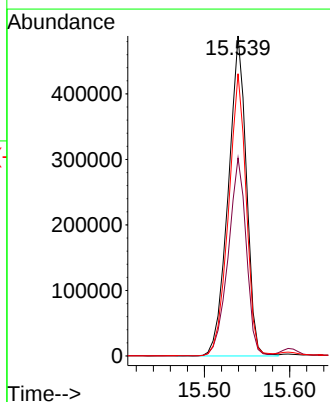
Manual Integrations
APPROVED

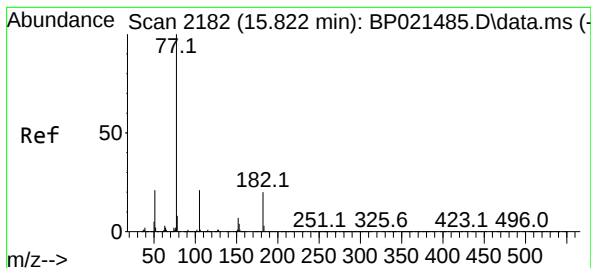
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#62
4-Nitroaniline
Concen: 50.517 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.011 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

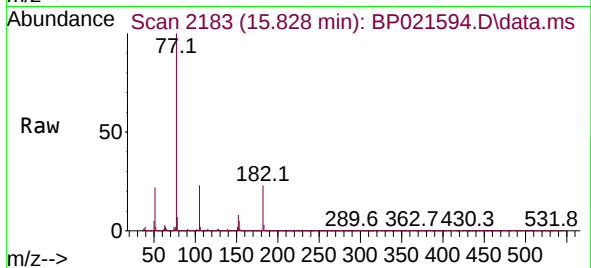
Tgt Ion:138 Resp: 721717
Ion Ratio Lower Upper
138 100
92 61.9 46.4 86.4
108 88.2 73.2 113.2





#63
Azobenzene
Concen: 39.124 ng
RT: 15.828 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

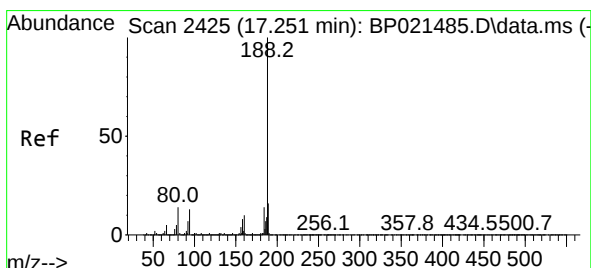
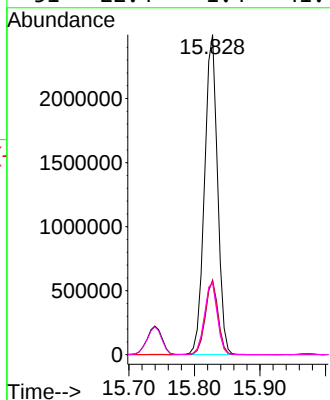
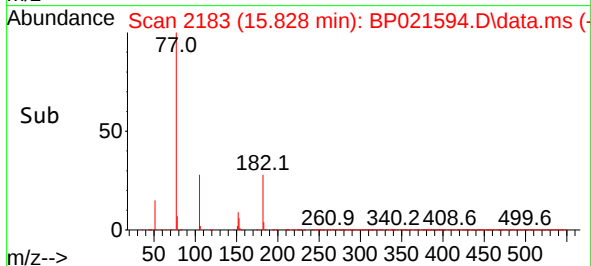
Instrument :
BNA_P
ClientSampleId :
PB162788BS



Tgt Ion: 77 Resp: 344677
Ion Ratio Lower Upper
77 100
182 23.3 0.0 39.9
105 22.9 0.9 40.9
51 22.4 1.4 41.4

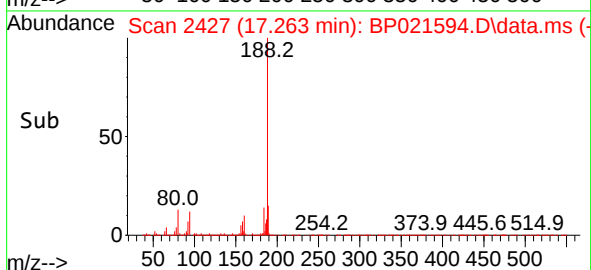
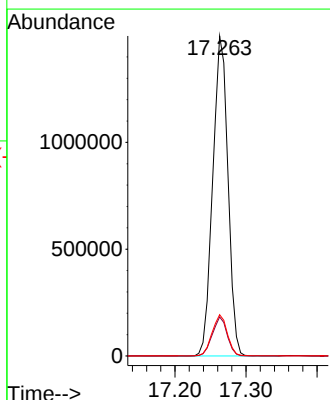
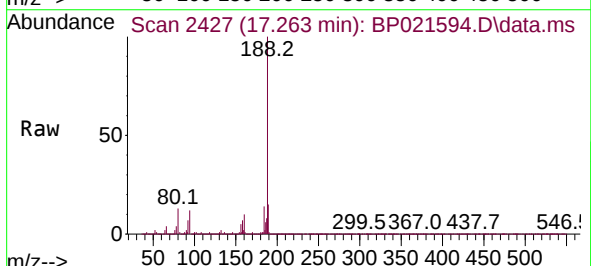
Manual Integrations
APPROVED

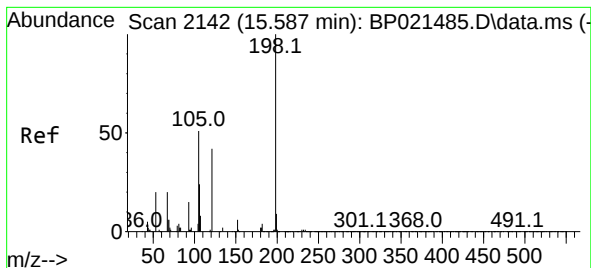
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion:188 Resp: 2218669
Ion Ratio Lower Upper
188 100
94 12.2 10.2 15.4
80 12.9 11.6 17.4





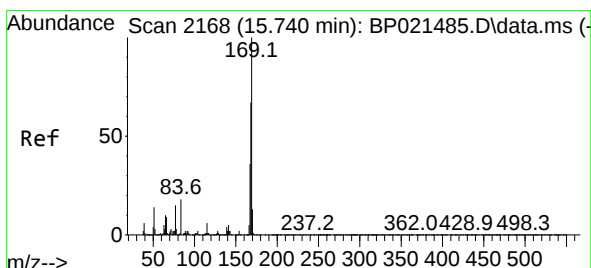
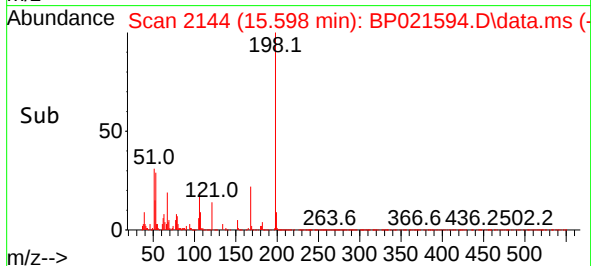
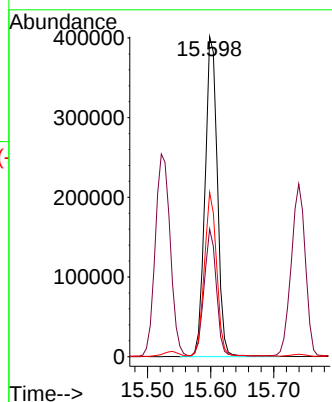
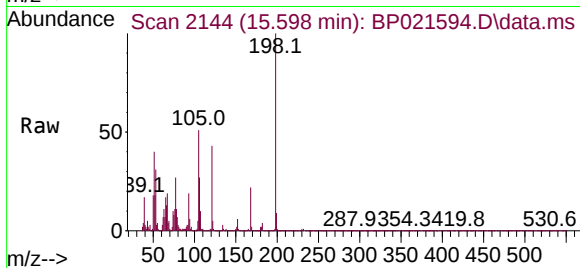
#65
4,6-Dinitro-2-methylphenol
Concen: 69.816 ng
RT: 15.598 min Scan# 2144
Delta R.T. 0.011 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :
BNA_P
ClientSampleId :
PB162788BS

Tgt Ion:198 Resp: 546435
Ion Ratio Lower Upper
198 100
51 39.9 21.5 61.5
105 51.3 32.9 72.9

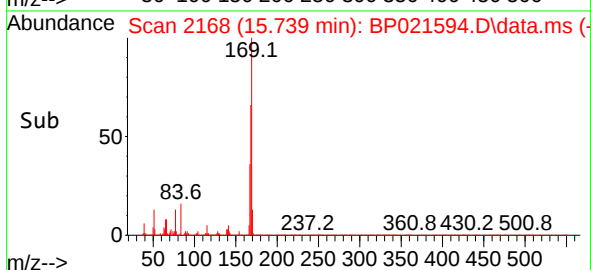
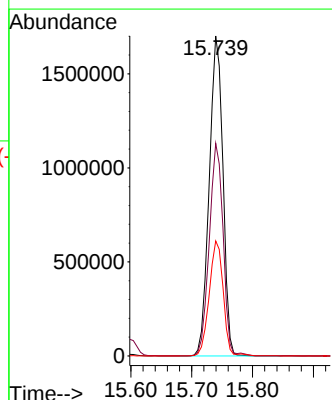
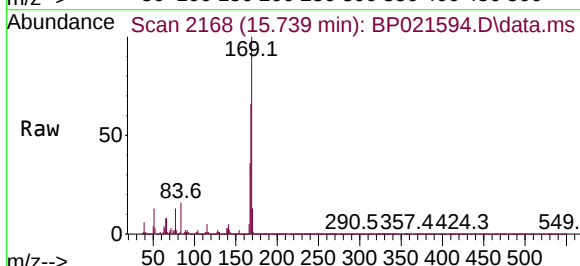
Manual Integrations
APPROVED

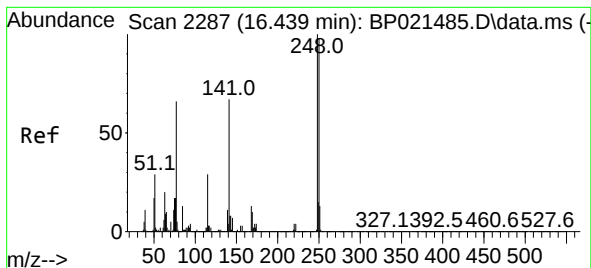
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#66
n-Nitrosodiphenylamine
Concen: 44.683 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

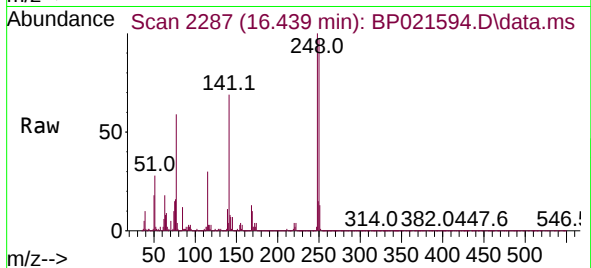
Tgt Ion:169 Resp: 2656717
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 36.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 42.359 ng
RT: 16.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

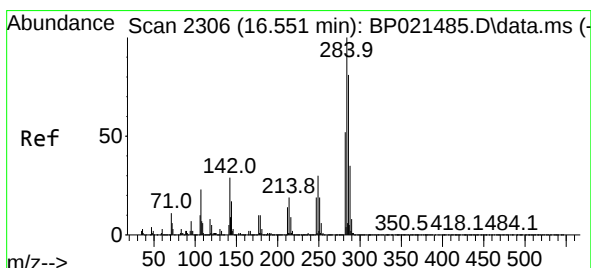
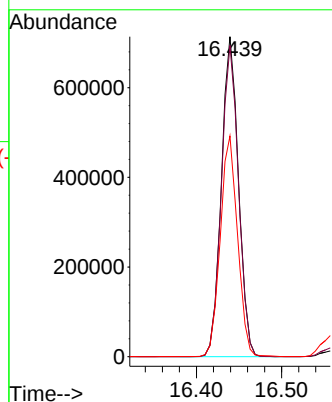
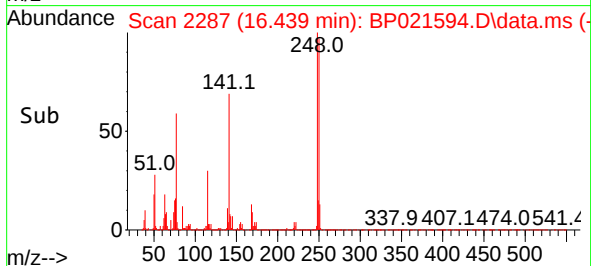
Instrument :
BNA_P
ClientSampleId :
PB162788BS



Tgt Ion:248 Resp: 99465
Ion Ratio Lower Upper
248 100
250 97.2 78.6 117.8
141 69.0 53.9 80.9

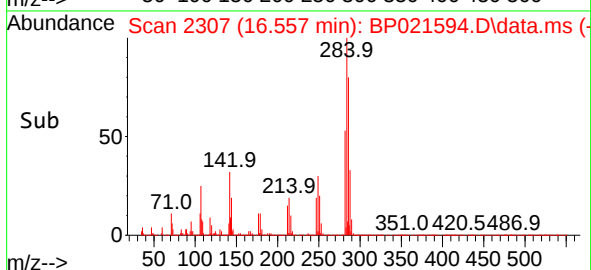
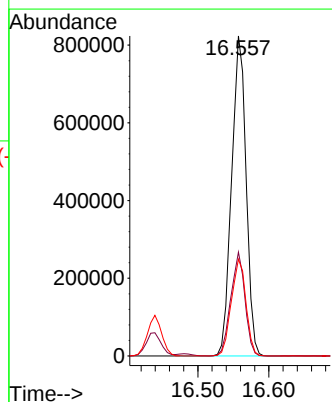
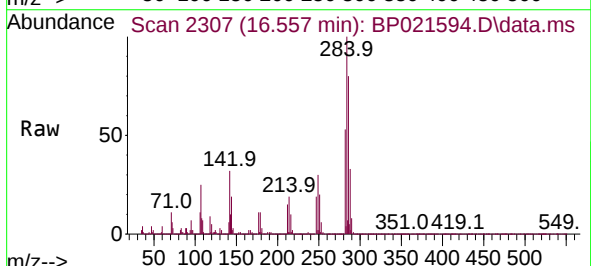
Manual Integrations
APPROVED

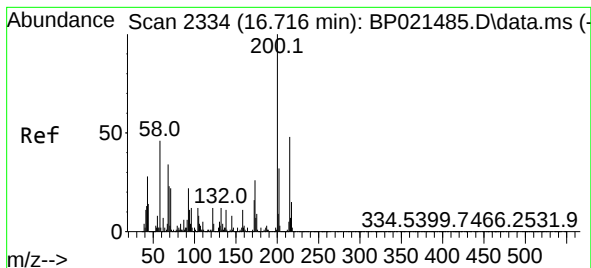
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#68
Hexachlorobenzene
Concen: 42.007 ng
RT: 16.557 min Scan# 2307
Delta R.T. 0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion:284 Resp: 1165677
Ion Ratio Lower Upper
284 100
142 32.5 23.4 35.2
249 30.3 24.1 36.1





#69

Atrazine

Concen: 40.209 ng

RT: 16.728 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

Tgt Ion:200 Resp: 820800

Ion Ratio Lower Upper

200 100

173 26.9 6.2 46.2

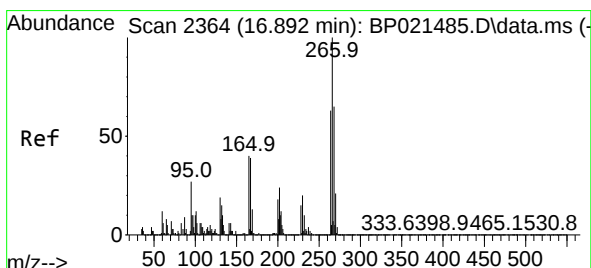
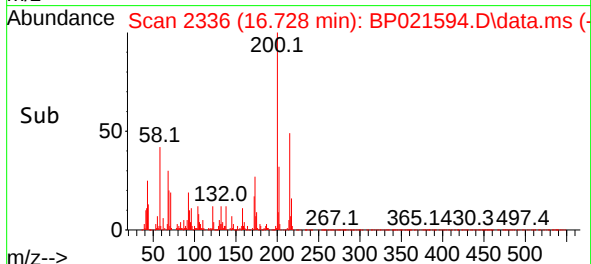
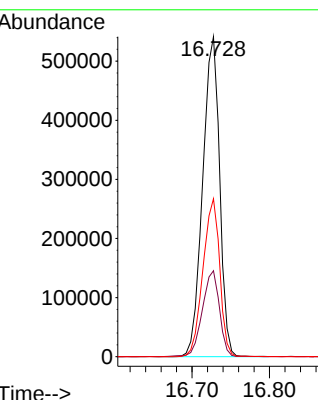
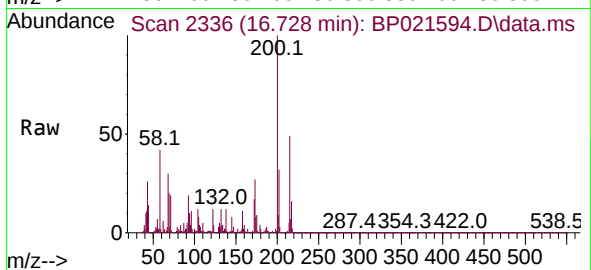
215 49.4 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#70

Pentachlorophenol

Concen: 102.740 ng

RT: 16.910 min Scan# 2367

Delta R.T. 0.018 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

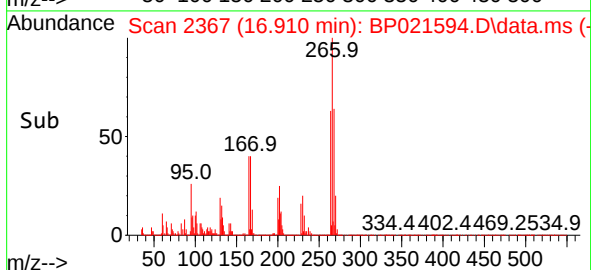
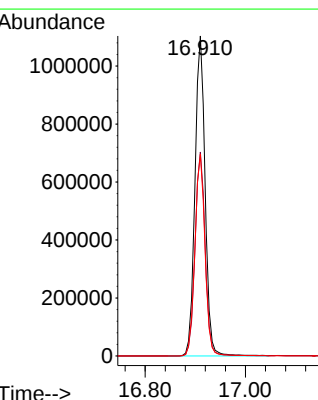
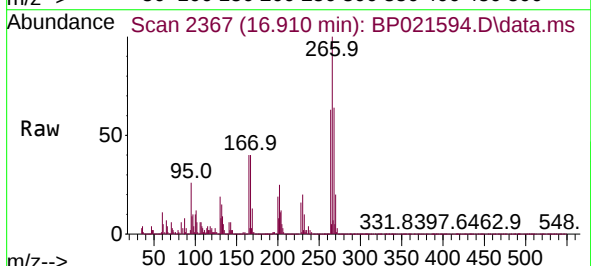
Tgt Ion:266 Resp: 1556069

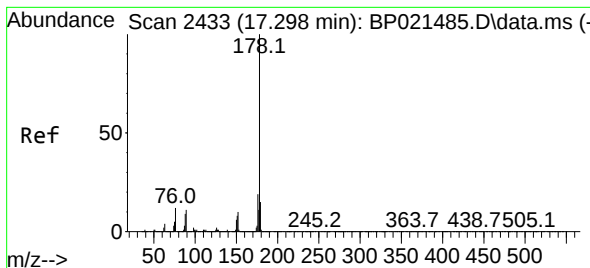
Ion Ratio Lower Upper

266 100

268 63.8 51.8 77.6

264 63.0 50.5 75.7





#71

Phenanthrene

Concen: 45.047 ng

RT: 17.304 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

Tgt Ion:178 Resp: 480656

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

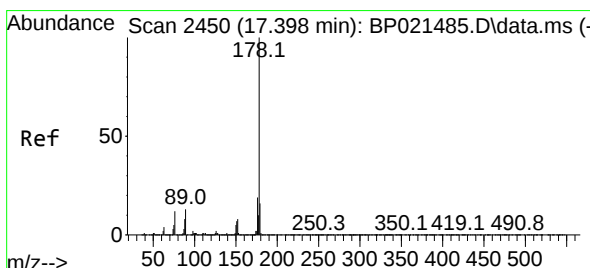
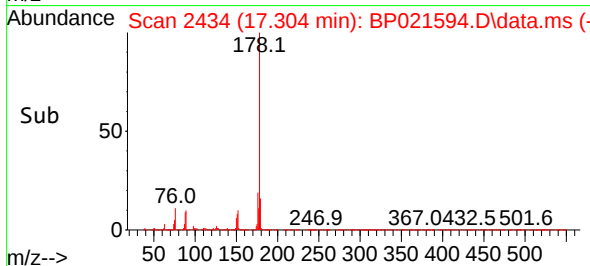
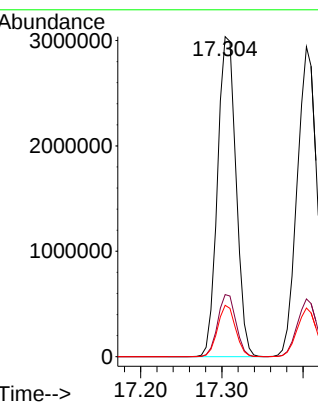
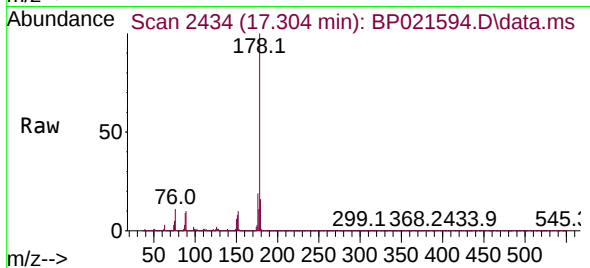
179 16.0 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#72

Anthracene

Concen: 46.571 ng

RT: 17.404 min Scan# 2451

Delta R.T. 0.006 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

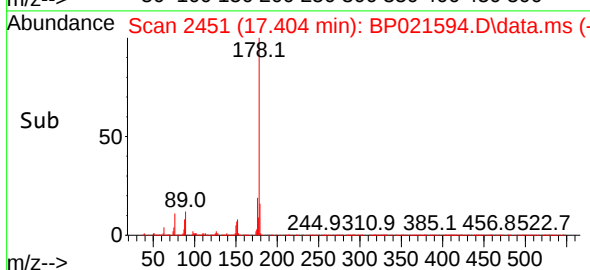
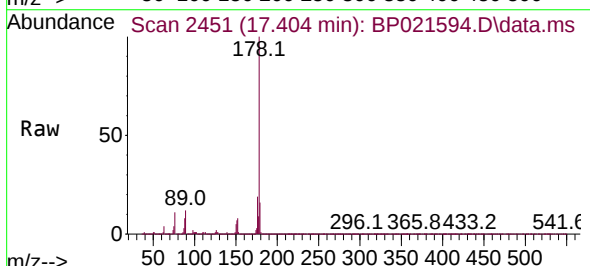
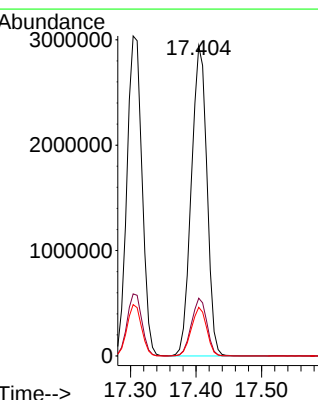
Tgt Ion:178 Resp: 4873321

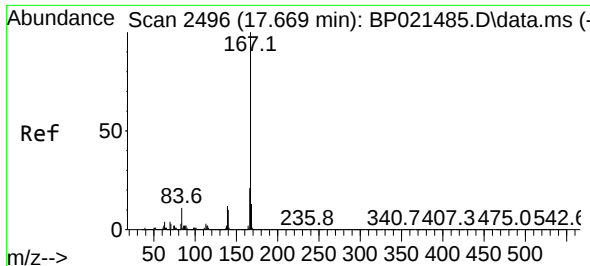
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

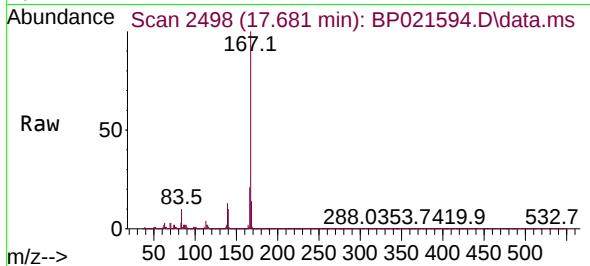
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 46.024 ng
 RT: 17.681 min Scan# 2498
 Delta R.T. 0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

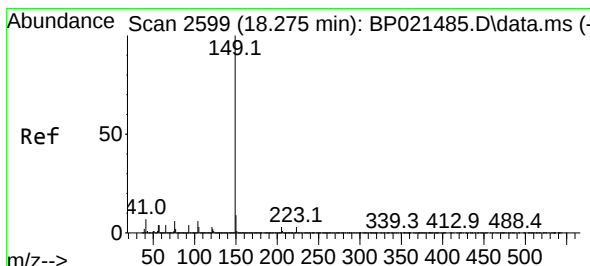
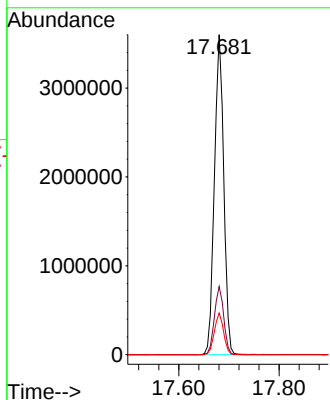
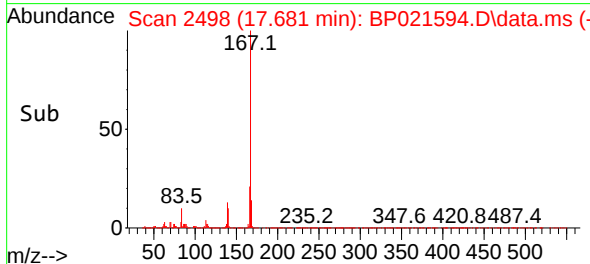
Instrument :
 BNA_P
 ClientSampleId :
 PB162788BS



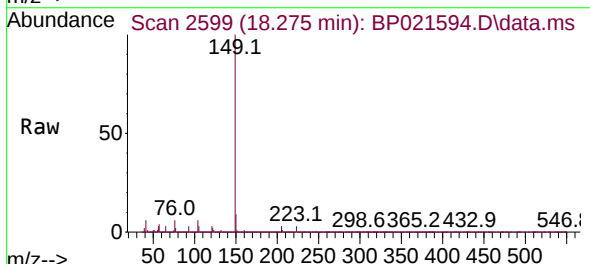
Tgt Ion:167 Resp: 464144
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 13.0 9.9 14.9

Manual Integrations
 APPROVED

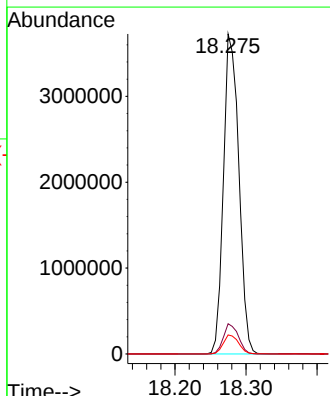
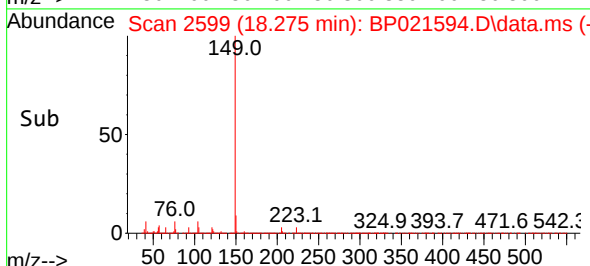
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

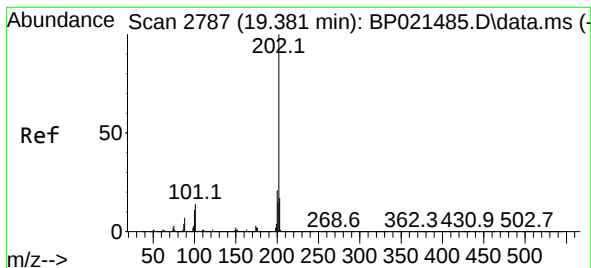


#74
 Di-n-butylphthalate
 Concen: 45.069 ng
 RT: 18.275 min Scan# 2599
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:149 Resp: 5581934
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.9 4.9 7.3





#75
Fluoranthene
Concen: 44.700 ng
RT: 19.404 min Scan# 21
Delta R.T. 0.023 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

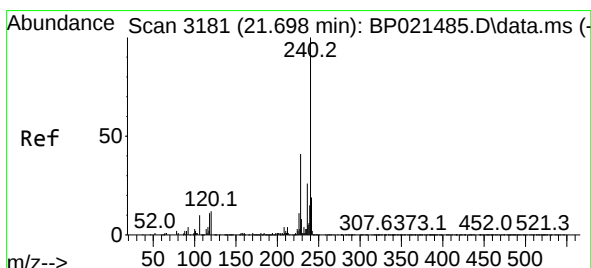
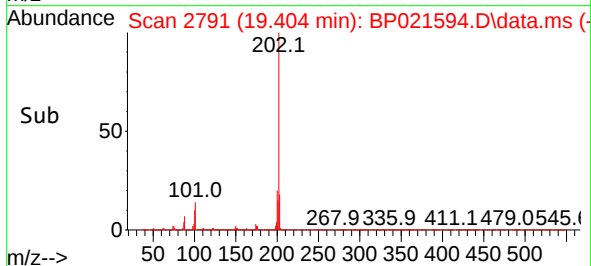
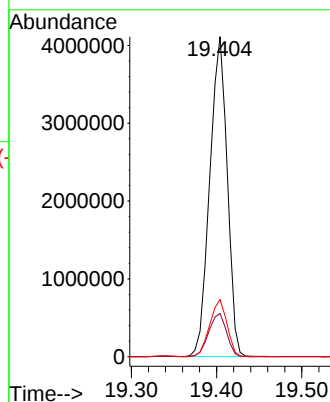
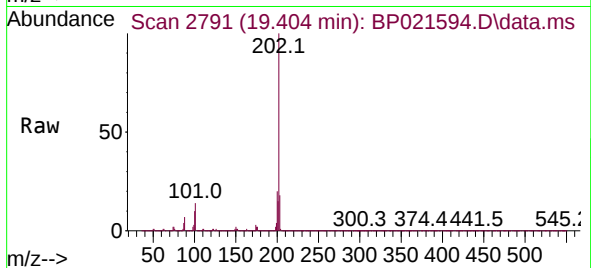
Tgt Ion:202 Resp: 585207
Ion Ratio Lower Upper
202 100
101 13.5 0.0 34.0
203 17.8 0.0 37.5

Manual Integrations

APPROVED

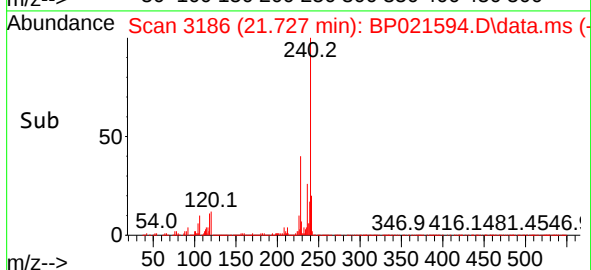
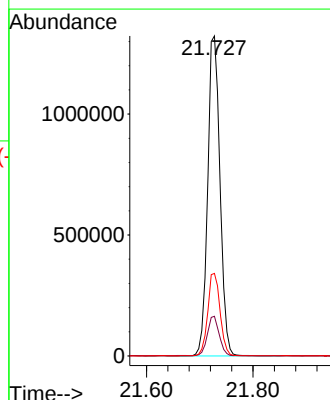
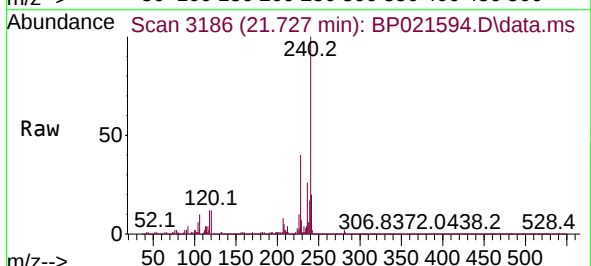
Reviewed By :Yogesh Patel 08/22/2024

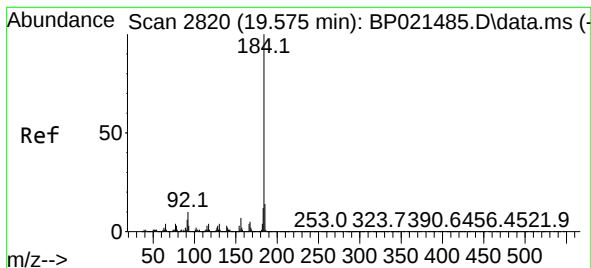
Supervised By :mohammad ahmed 08/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 3186
Delta R.T. 0.029 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

Tgt Ion:240 Resp: 2116508
Ion Ratio Lower Upper
240 100
120 12.4 9.9 14.9
236 25.8 20.6 30.8





#77

Benzidine

Concen: 22.247 ng

RT: 19.586 min Scan# 2822

Delta R.T. 0.011 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

Tgt Ion:184 Resp: 106527

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.0

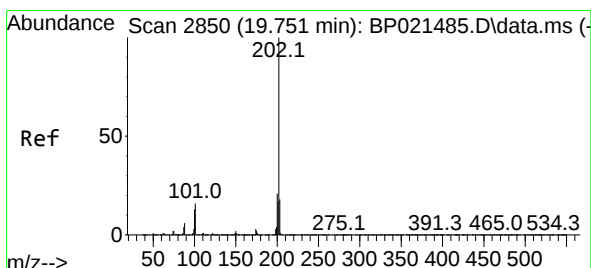
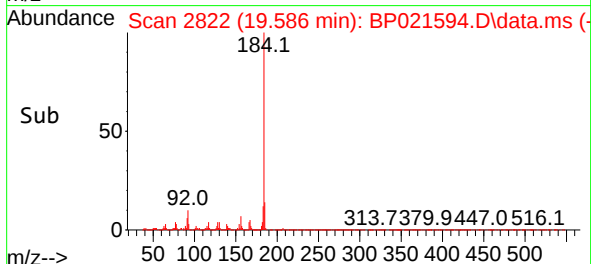
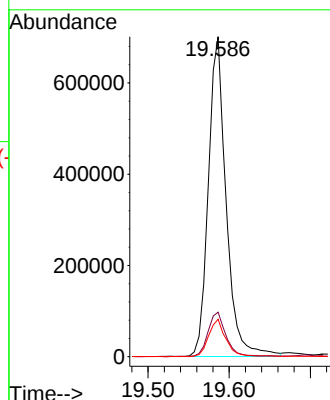
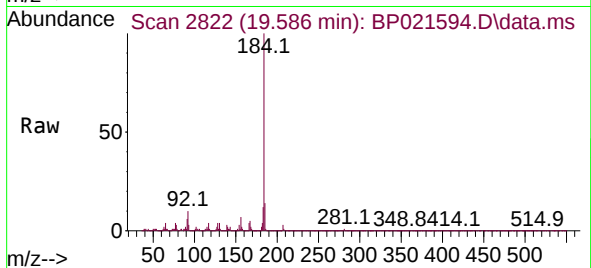
183 11.7 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#78

Pyrene

Concen: 44.853 ng

RT: 19.775 min Scan# 2854

Delta R.T. 0.023 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

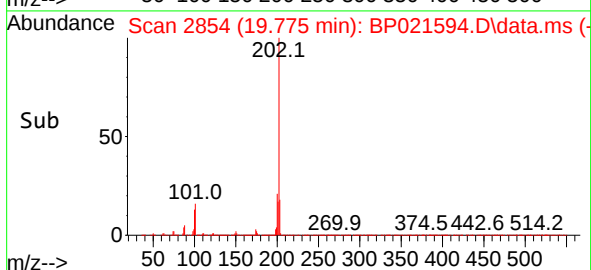
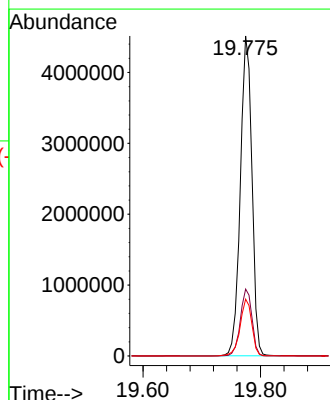
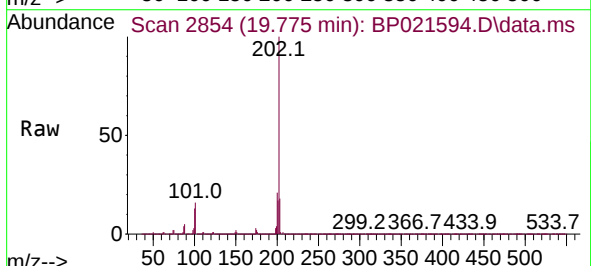
Tgt Ion:202 Resp: 6204857

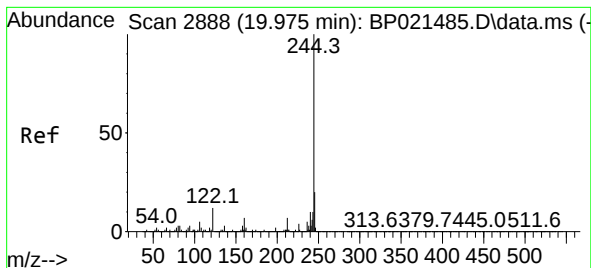
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 80.692 ng

RT: 19.992 min Scan# 2891

Delta R.T. 0.017 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

Tgt Ion:244 Resp: 879099

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

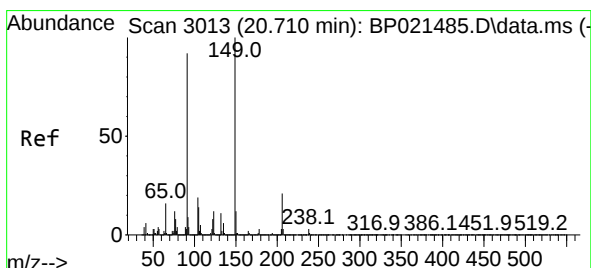
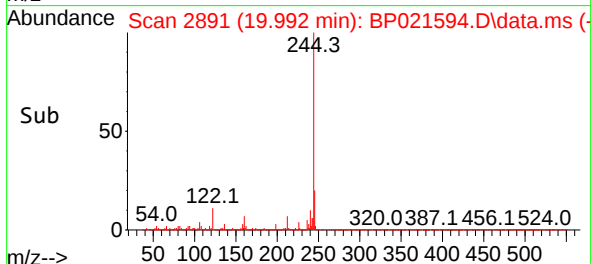
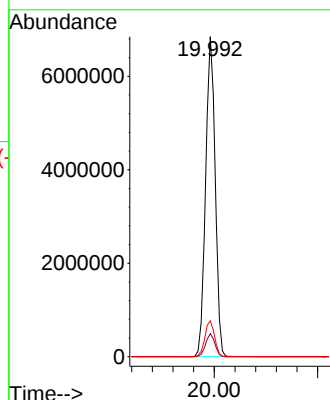
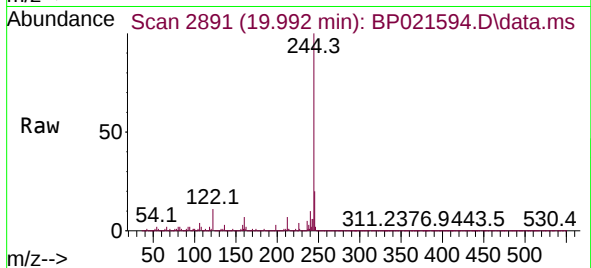
122 11.2 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#80

Butylbenzylphthalate

Concen: 49.083 ng

RT: 20.722 min Scan# 3015

Delta R.T. 0.012 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

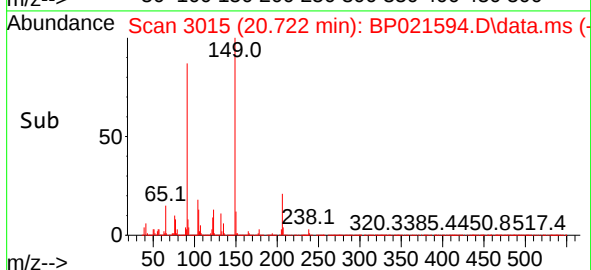
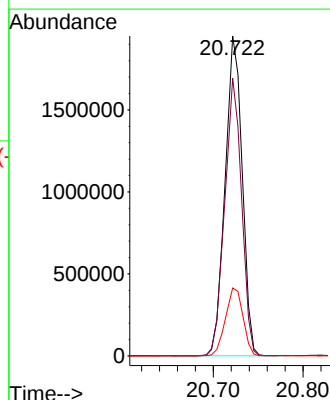
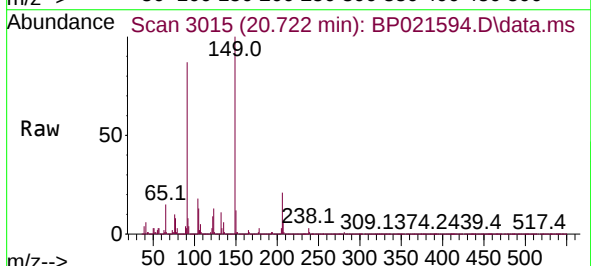
Tgt Ion:149 Resp: 2581686

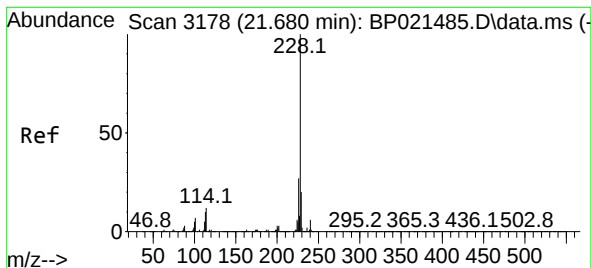
Ion Ratio Lower Upper

149 100

91 86.9 73.3 109.9

206 21.3 17.1 25.7





#81

Benzo(a)anthracene

Concen: 46.197 ng

RT: 21.710 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

Tgt Ion:228 Resp: 613797

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.2

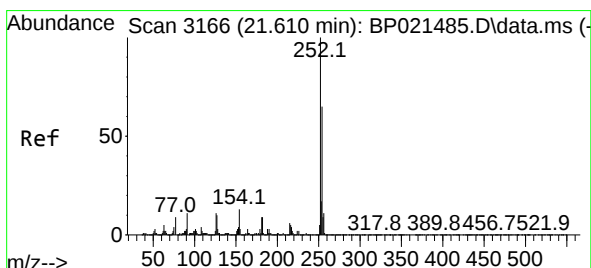
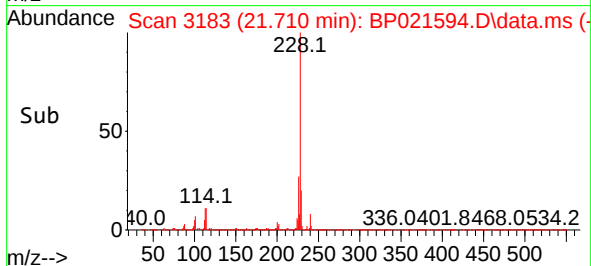
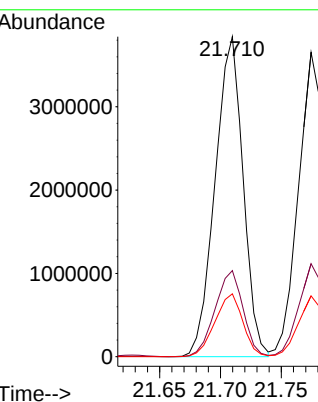
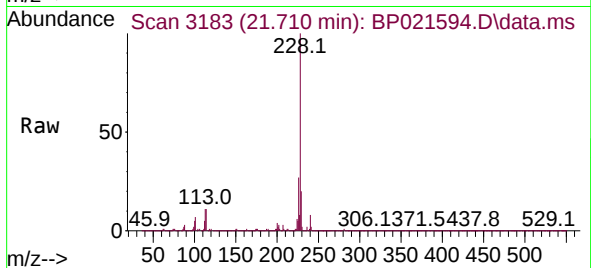
229 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#82

3,3'-Dichlorobenzidine

Concen: 41.956 ng

RT: 21.627 min Scan# 3169

Delta R.T. 0.018 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

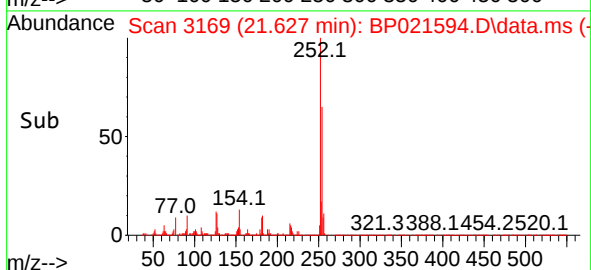
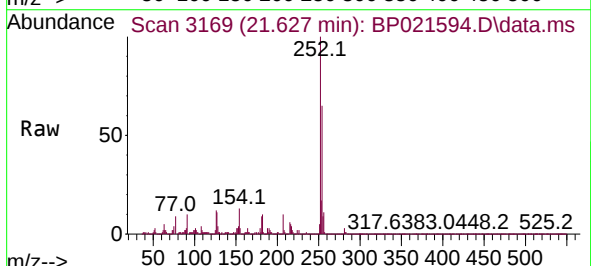
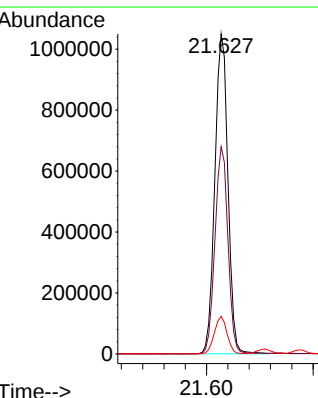
Tgt Ion:252 Resp: 1787315

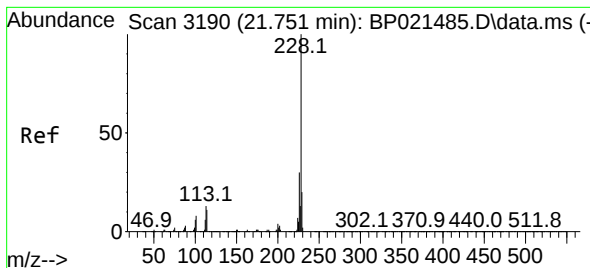
Ion Ratio Lower Upper

252 100

254 64.8 51.7 77.5

126 11.8 8.7 13.1





#83

Chrysene

Concen: 46.448 ng

RT: 21.774 min Scan# 3190

Delta R.T. 0.023 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

Tgt Ion:228 Resp: 582662

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

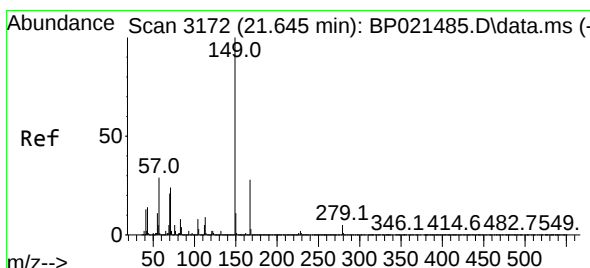
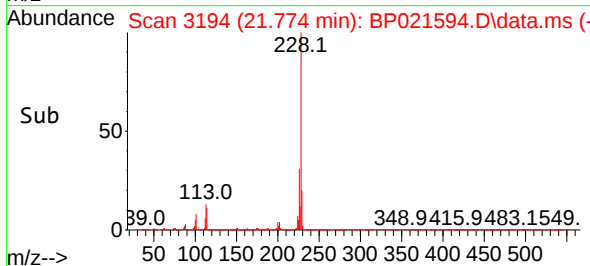
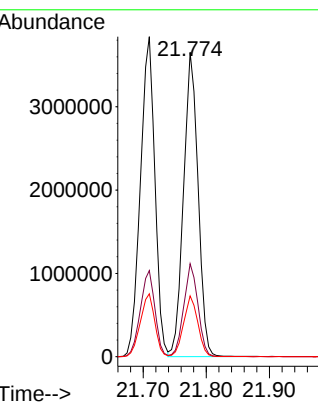
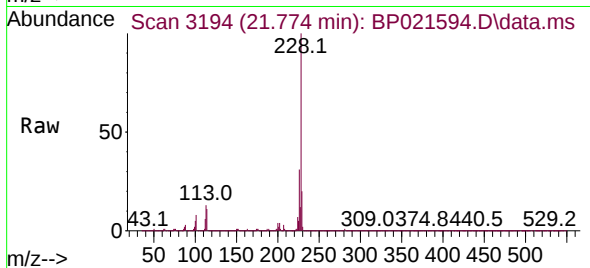
229 20.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.517 ng

RT: 21.669 min Scan# 3176

Delta R.T. 0.023 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

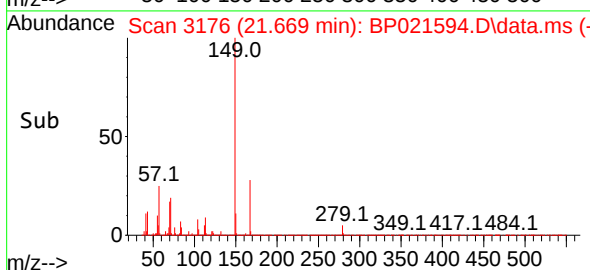
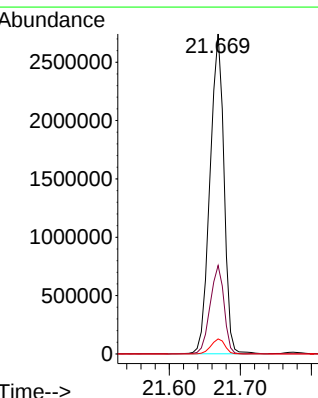
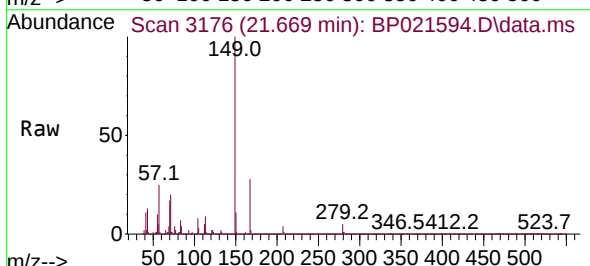
Tgt Ion:149 Resp: 3731470

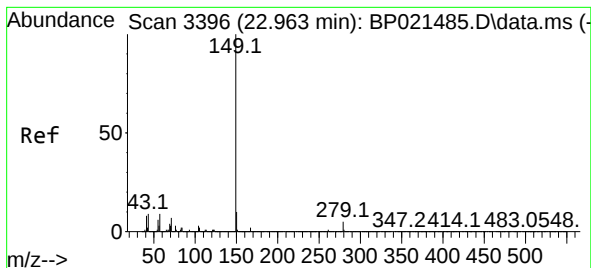
Ion Ratio Lower Upper

149 100

167 27.6 22.3 33.5

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 48.537 ng

RT: 22.986 min Scan# 34

Delta R.T. 0.023 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

Tgt Ion:149 Resp: 670378

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

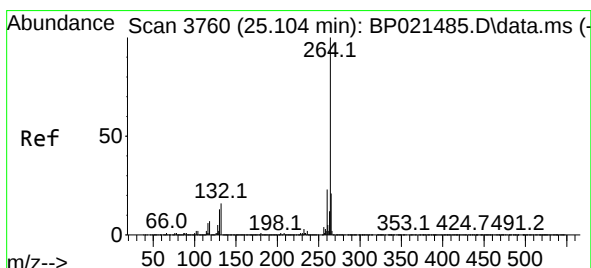
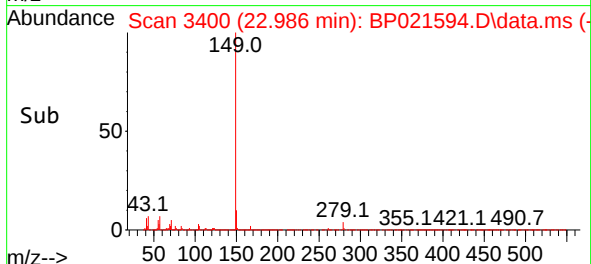
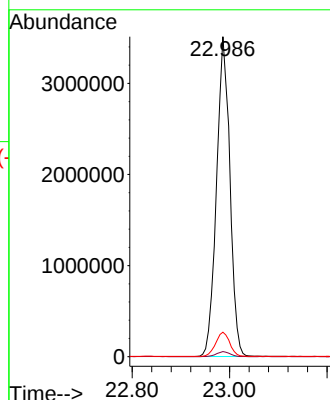
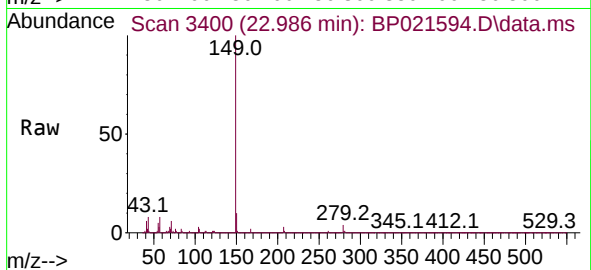
43 7.9 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.168 min Scan# 3771

Delta R.T. 0.065 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

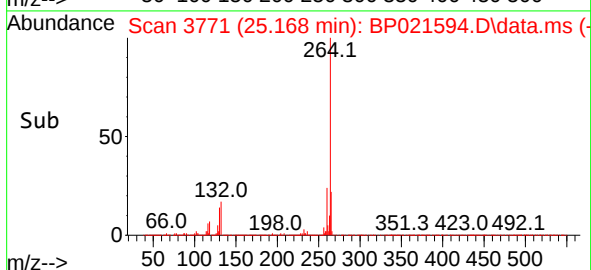
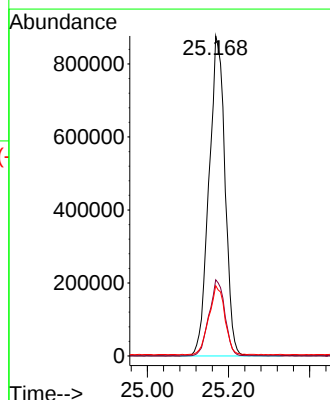
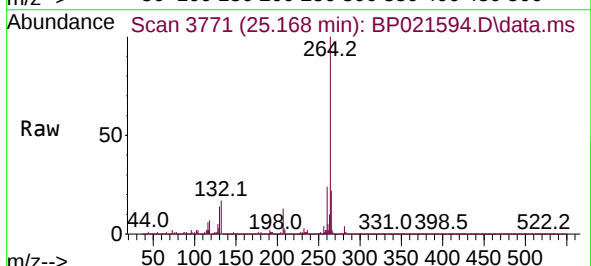
Tgt Ion:264 Resp: 2397430

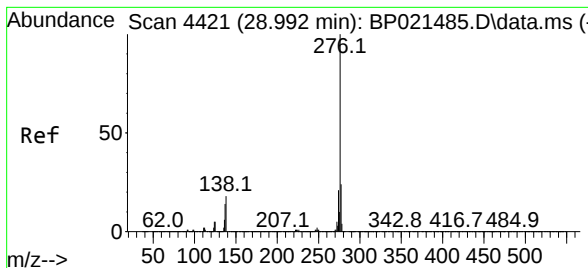
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.0 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.067 ng m

RT: 29.092 min Scan# 4421

Delta R.T. 0.100 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

Tgt Ion:276 Resp: 809148

Ion Ratio Lower Upper

276 100

138 15.9 12.8 19.2

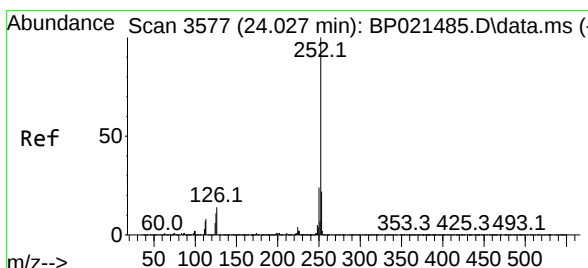
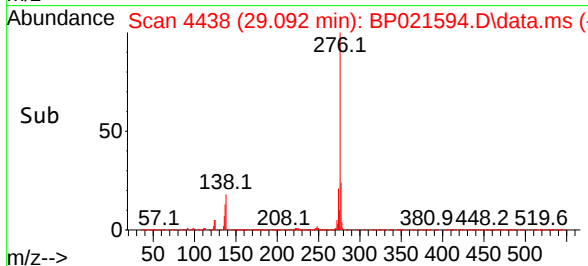
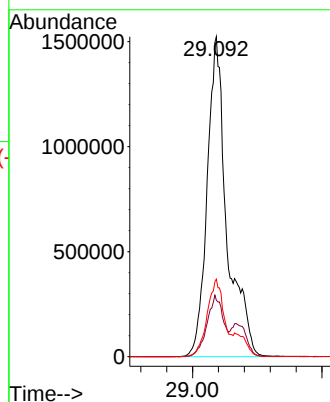
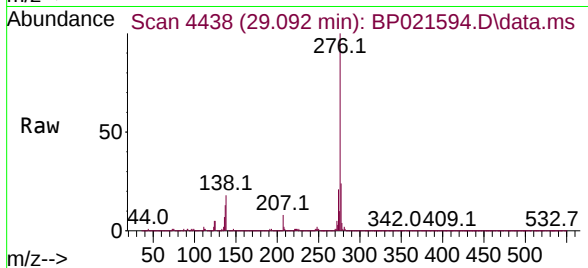
277 20.9 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#88

Benzo(b)fluoranthene

Concen: 48.551 ng

RT: 24.092 min Scan# 3588

Delta R.T. 0.065 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

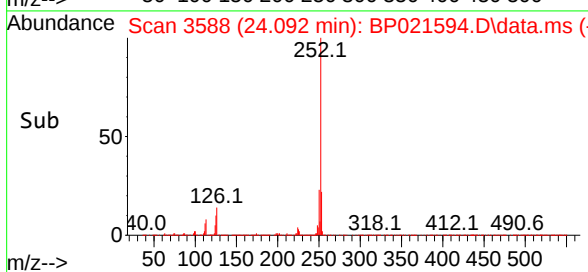
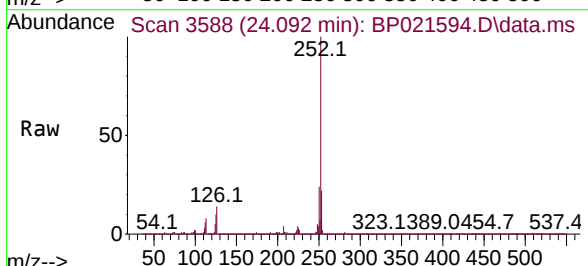
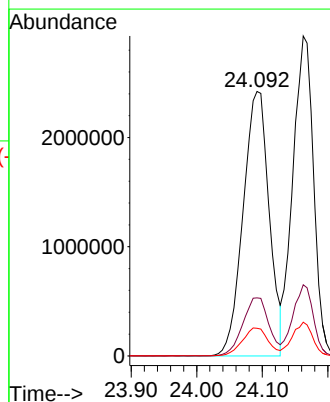
Tgt Ion:252 Resp: 6684972

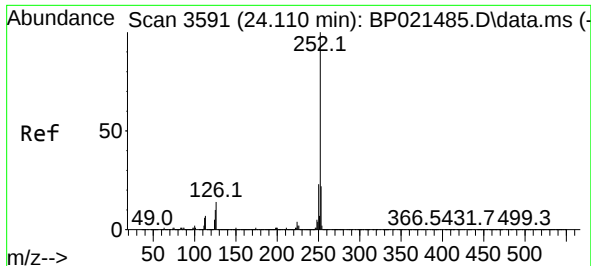
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

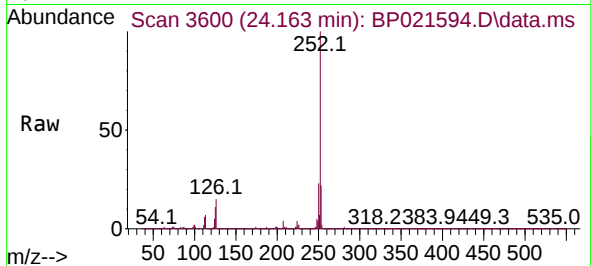
125 10.5 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 47.813 ng
RT: 24.163 min Scan# 30
Delta R.T. 0.053 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

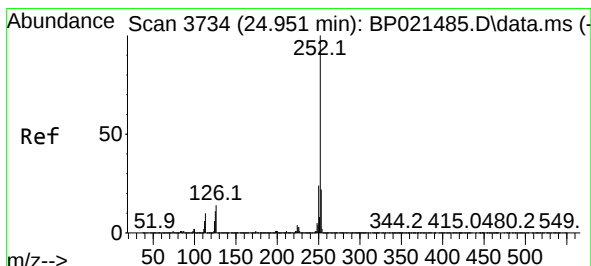
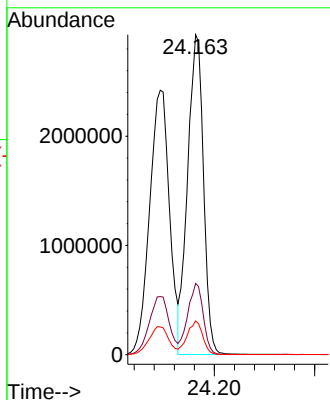
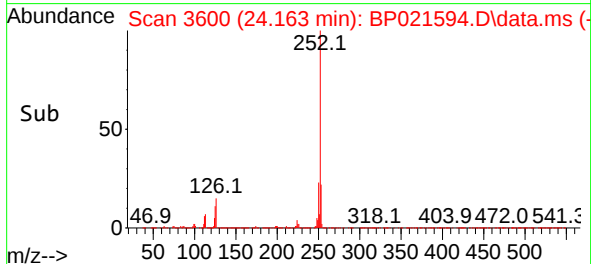
Instrument :
BNA_P
ClientSampleId :
PB162788BS



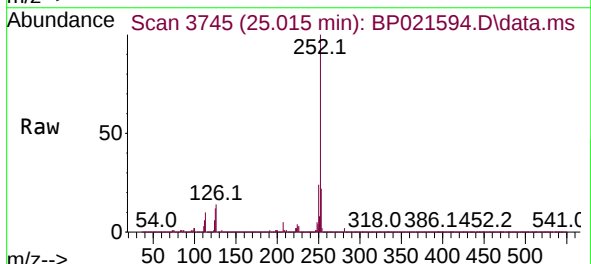
Tgt Ion:252 Resp: 6422110
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.6 7.8 11.8

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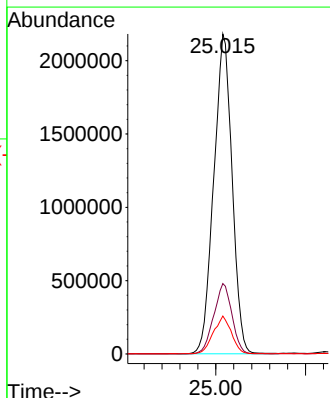
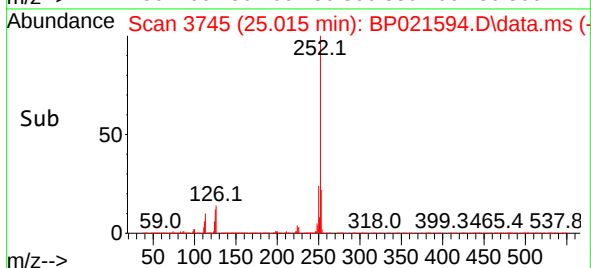
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

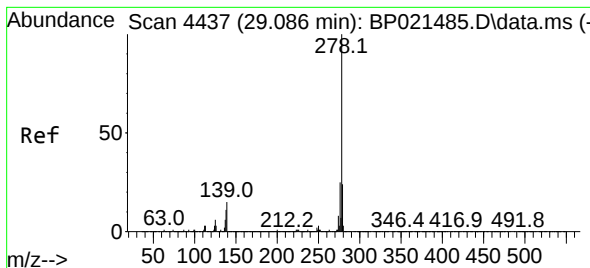


#90
Benzo(a)pyrene
Concen: 51.829 ng
RT: 25.015 min Scan# 3745
Delta R.T. 0.065 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19



Tgt Ion:252 Resp: 6192957
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 51.107 ng

RT: 29.174 min Scan# 4437

Delta R.T. 0.088 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

Tgt Ion:278 Resp: 6599130

Ion Ratio Lower Upper

278 100

139 15.4 12.2 18.4

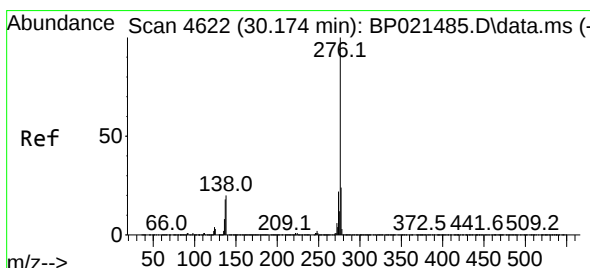
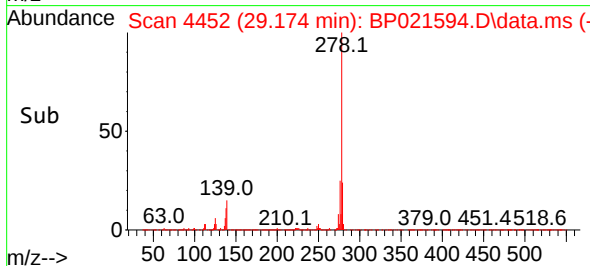
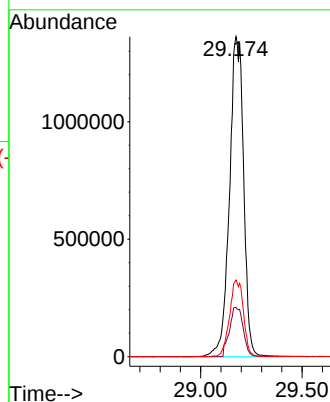
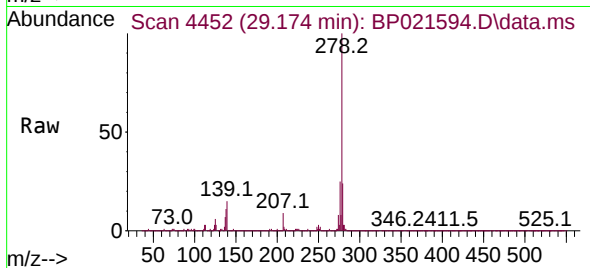
279 24.0 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024



#92

Benzo(g,h,i)perylene

Concen: 49.498 ng

RT: 30.303 min Scan# 4644

Delta R.T. 0.129 min

Lab File: BP021594.D

Acq: 21 Aug 2024 12:19

Tgt Ion:276 Resp: 6405985

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 21.3 16.0 24.0

