

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021984.D
 Acq On : 23 Sep 2024 16:09
 Operator : RC/JU
 Sample : PB163571BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163571BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 23 16:34:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	75085	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	307864	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	250312	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	664200	20.000	ng	-0.02
76) Chrysene-d12	21.551	240	916192	20.000	ng	-0.01
86) Perylene-d12	24.851	264	1182765	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	511510	128.024	ng	0.00
7) Phenol-d6	6.899	99	627682	121.016	ng	0.00
23) Nitrobenzene-d5	8.852	82	459911	79.046	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	649253	139.910	ng	-0.02
45) 2-Fluorobiphenyl	12.934	172	1354501	78.992	ng	0.00
79) Terphenyl-d14	19.845	244	3755065	76.991	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	52464	31.623	ng	97
3) Pyridine	3.658	79	138110	31.213	ng	98
4) n-Nitrosodimethylamine	3.564	42	99856	42.781	ng	92
6) Aniline	7.046	93	188750	41.412	ng	99
8) 2-Chlorophenol	7.287	128	185549	43.431	ng	99
9) Benzaldehyde	6.864	77	29448	10.858	ng	98
10) Phenol	6.922	94	215011	41.737	ng	93
11) bis(2-Chloroethyl)ether	7.140	93	153107	39.455	ng	99
12) 1,3-Dichlorobenzene	7.605	146	209644	38.867	ng	99
13) 1,4-Dichlorobenzene	7.746	146	212730	38.890	ng	97
14) 1,2-Dichlorobenzene	8.058	146	202727	38.613	ng	98
15) Benzyl Alcohol	7.952	79	182471	45.872	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.228	45	174424	42.142	ng	98
17) 2-Methylphenol	8.152	107	153774	44.186	ng	98
18) Hexachloroethane	8.781	117	84001	41.763	ng	99
19) n-Nitroso-di-n-propyla...	8.505	70	137239	42.570	ng	93
20) 3+4-Methylphenols	8.475	107	213002	43.356	ng	98
22) Acetophenone	8.522	105	284419	37.872	ng	# 95
24) Nitrobenzene	8.893	77	225798	38.216	ng	99
25) Isophorone	9.416	82	367503	38.312	ng	99
26) 2-Nitrophenol	9.593	139	103489	40.058	ng	97
27) 2,4-Dimethylphenol	9.658	122	156461	52.303	ng	98
28) bis(2-Chloroethoxy)met...	9.887	93	226757	39.426	ng	98
29) 2,4-Dichlorophenol	10.122	162	221709	43.665	ng	99
30) 1,2,4-Trichlorobenzene	10.340	180	236859	37.450	ng	98
31) Naphthalene	10.522	128	601628	39.164	ng	99
32) Benzoic acid	9.799	122	126615	36.204	ng	96
33) 4-Chloroaniline	10.628	127	144627	26.101	ng	96
34) Hexachlorobutadiene	10.810	225	195724	39.558	ng	97
35) Caprolactam	11.410	113	59404m	39.312	ng	
36) 4-Chloro-3-methylphenol	11.752	107	233544	42.872	ng	100
37) 2-Methylnaphthalene	12.134	142	470832	41.892	ng	97
38) 1-Methylnaphthalene	12.352	142	437124	39.392	ng	99
40) 1,2,4,5-Tetrachloroben...	12.504	216	333999	38.139	ng	# 98
41) Hexachlorocyclopentadiene	12.487	237	484297	148.836	ng	98
43) 2,4,6-Trichlorophenol	12.746	196	218676	40.682	ng	98

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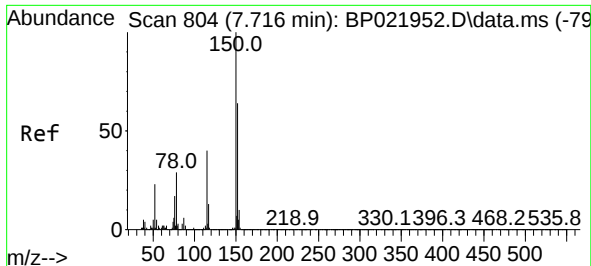
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	236760	39.265	ng	98
46) 1,1'-Biphenyl	13.151	154	654616	38.355	ng	100
47) 2-Chloronaphthalene	13.187	162	520071	37.686	ng	99
48) 2-Nitroaniline	13.393	65	161863	42.954	ng	97
49) Acenaphthylene	14.040	152	846755	43.483	ng	99
50) Dimethylphthalate	13.781	163	719163	39.613	ng	99
51) 2,6-Dinitrotoluene	13.893	165	153535	37.953	ng	95
52) Acenaphthene	14.387	154	523950	41.342	ng	99
53) 3-Nitroaniline	14.228	138	109748	30.440	ng	100
54) 2,4-Dinitrophenol	14.440	184	216085	91.166	ng	97
55) Dibenzofuran	14.728	168	902235	42.354	ng	100
56) 4-Nitrophenol	14.551	139	277437	88.408	ng	95
57) 2,4-Dinitrotoluene	14.687	165	236733	41.395	ng	100
58) Fluorene	15.387	166	756118	42.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.957	232	263919	45.351	ng	99
60) Diethylphthalate	15.163	149	787120	42.667	ng	99
61) 4-Chlorophenyl-phenyle...	15.387	204	432219	41.732	ng	99
62) 4-Nitroaniline	15.404	138	168902	42.604	ng	93
63) Azobenzene	15.681	77	698551	45.757	ng	98
65) 4,6-Dinitro-2-methylph...	15.469	198	156452	40.638	ng	98
66) n-Nitrosodiphenylamine	15.598	169	680611	41.153	ng	97
67) 4-Bromophenyl-phenylether	16.292	248	313005	40.426	ng	97
68) Hexachlorobenzene	16.410	284	381733	39.544	ng	98
69) Atrazine	16.581	200	308388	52.044	ng	99
70) Pentachlorophenol	16.769	266	537243	82.722	ng	98
71) Phenanthrene	17.169	178	1339446	42.010	ng	99
72) Anthracene	17.263	178	1383960	44.840	ng	99
73) Carbazole	17.539	167	1258296	42.210	ng	100
74) Di-n-butylphthalate	18.134	149	1471923	42.041	ng	100
75) Fluoranthene	19.245	202	1873994	42.109	ng	99
77) Benzidine	19.445	184	892938	79.753	ng	98
78) Pyrene	19.622	202	2039206	36.793	ng	100
80) Butylbenzylphthalate	20.575	149	792577	40.094	ng	93
81) Benzo(a)anthracene	21.533	228	2434215	41.348	ng	100
82) 3,3'-Dichlorobenzidine	21.451	252	689701	32.289	ng	99
83) Chrysene	21.598	228	2309659	41.668	ng	100
84) Bis(2-ethylhexyl)phtha...	21.475	149	1225482	42.239	ng	100
85) Di-n-octyl phthalate	22.722	149	2238499	45.427	ng	100
87) Indeno(1,2,3-cd)pyrene	28.586	276	3296089	41.900	ng	93
88) Benzo(b)fluoranthene	23.804	252	2776804	39.697	ng	99
89) Benzo(k)fluoranthene	23.874	252	2704467	40.855	ng	99
90) Benzo(a)pyrene	24.692	252	2645249	43.898	ng	99
91) Dibenzo(a,h)anthracene	28.662	278	2653347	40.868	ng	99
92) Benzo(g,h,i)perylene	29.745	276	2522903	37.935	ng	99

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



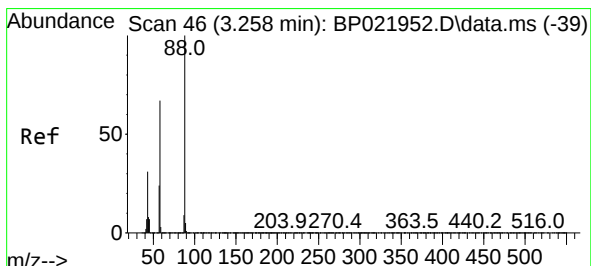
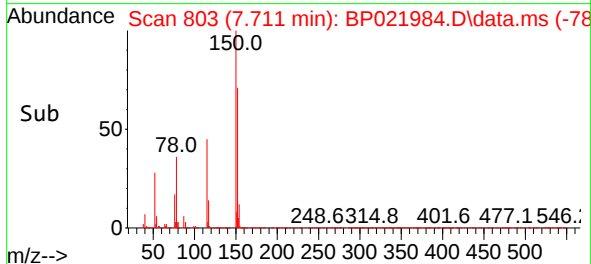
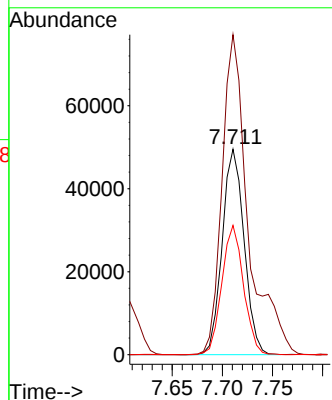
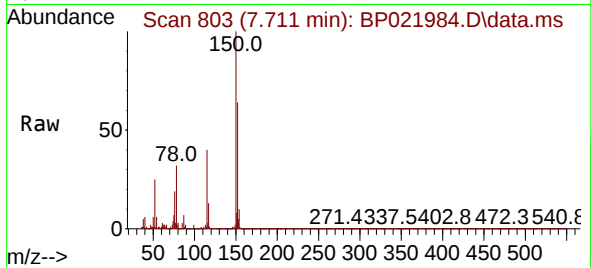
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 804
Delta R.T. -0.005 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Tgt Ion:152 Resp: 7508
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 62.9 49.2 73.8

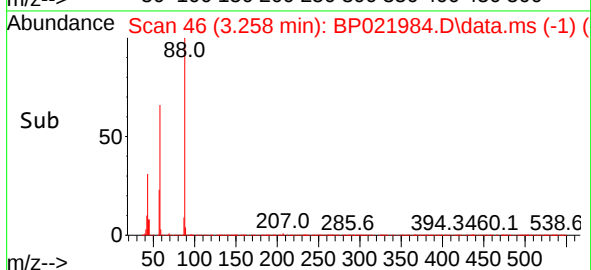
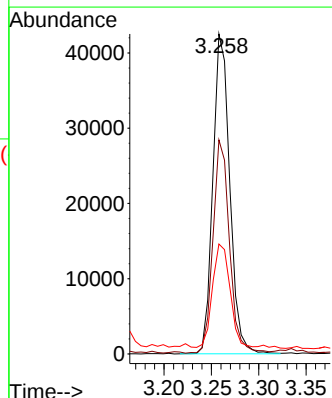
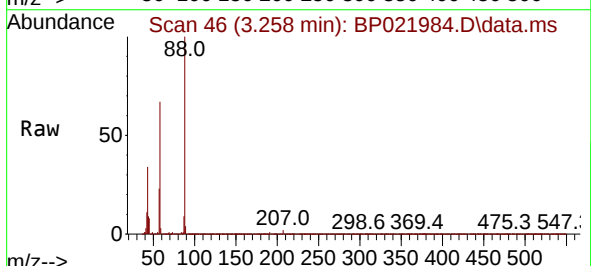
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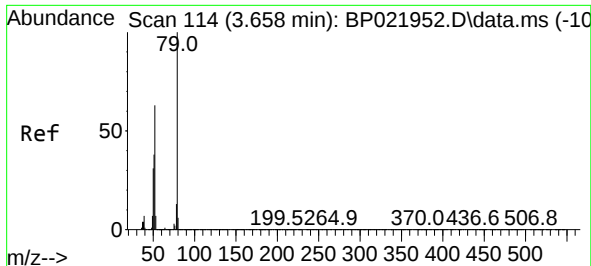
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#2
1,4-Dioxane
Concen: 31.623 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

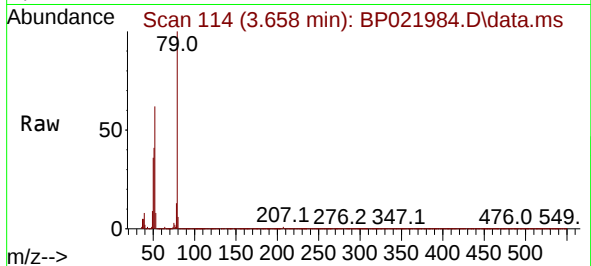
Tgt Ion: 88 Resp: 52464
Ion Ratio Lower Upper
88 100
58 65.3 53.8 80.6
43 33.6 25.2 37.8





#3
Pyridine
Concen: 31.213 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

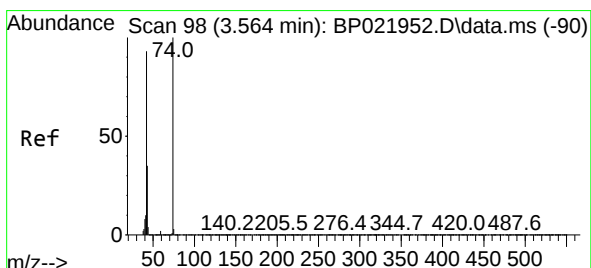
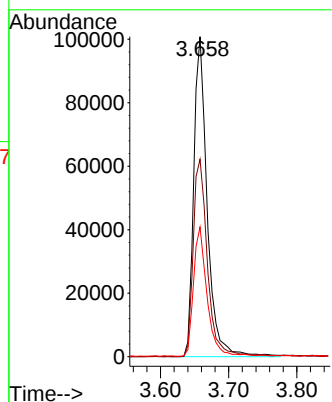
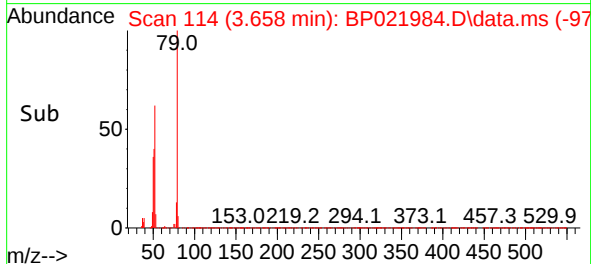
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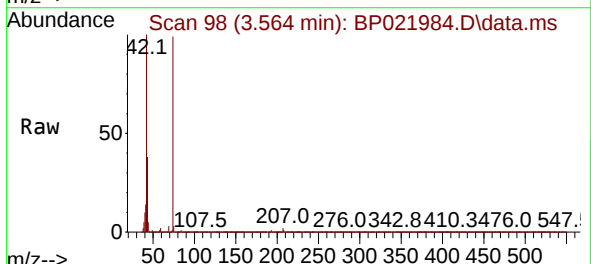
Tgt Ion: 79 Resp: 138110
Ion Ratio Lower Upper
79 100
52 61.7 50.3 75.5
51 40.5 30.9 46.3

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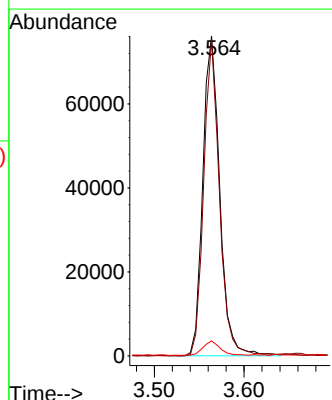
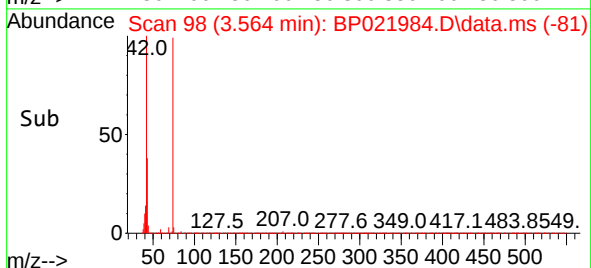
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

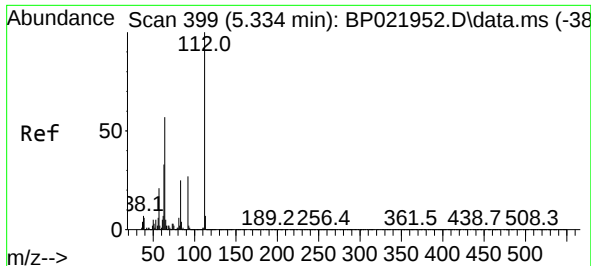


#4
n-Nitrosodimethylamine
Concen: 42.781 ng
RT: 3.564 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09



Tgt Ion: 42 Resp: 99856
Ion Ratio Lower Upper
42 100
74 98.9 86.3 129.5
44 4.7 4.0 6.0





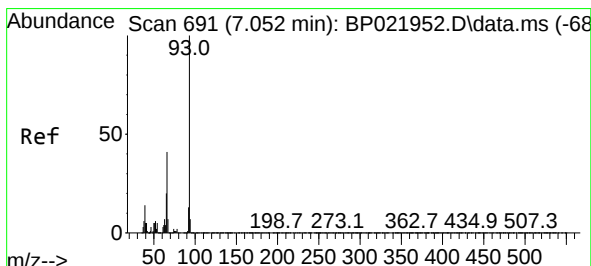
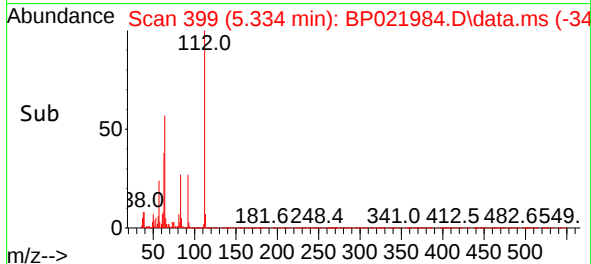
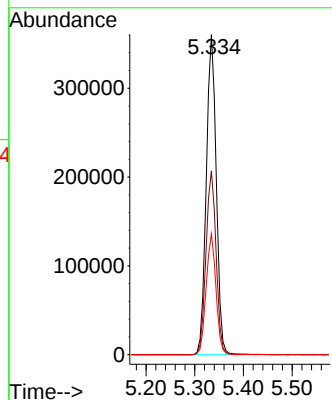
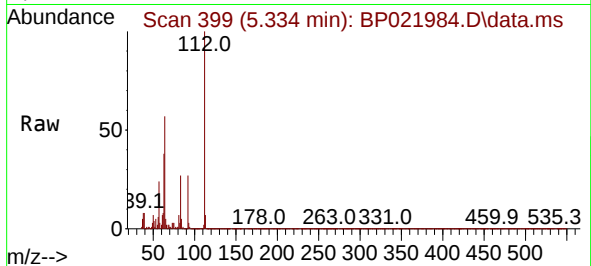
#5
2-Fluorophenol
Concen: 128.024 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Tgt Ion: 112 Resp: 511510
Ion Ratio Lower Upper
112 100
64 57.4 45.4 68.0
63 37.8 26.6 39.8

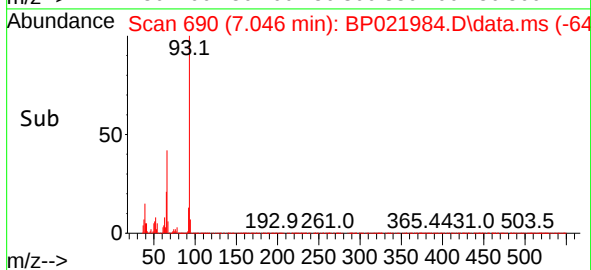
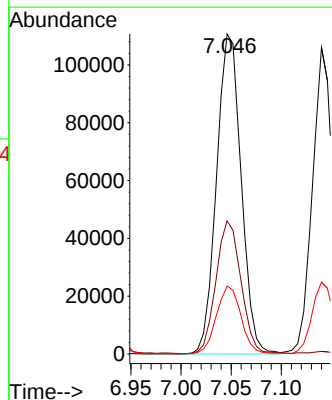
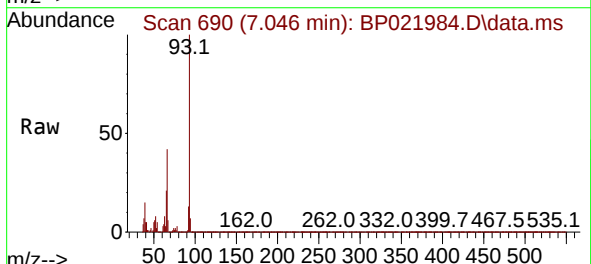
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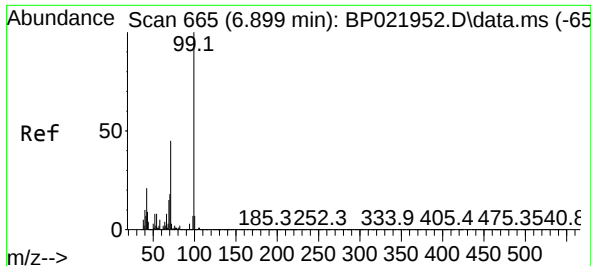
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#6
Aniline
Concen: 41.412 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion: 93 Resp: 188750
Ion Ratio Lower Upper
93 100
66 41.6 33.0 49.4
65 21.2 16.1 24.1





#7
Phenol-d6
Concen: 121.016 ng
RT: 6.899 min Scan# 665
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

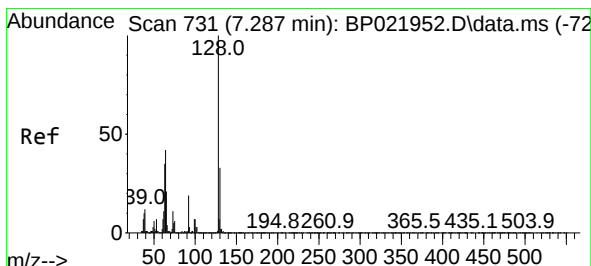
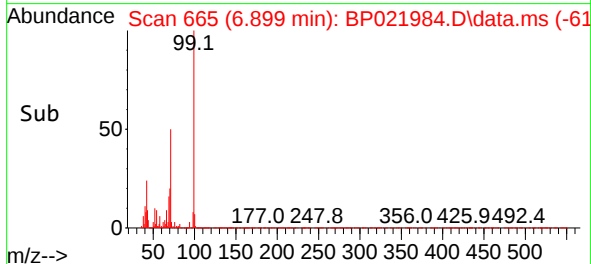
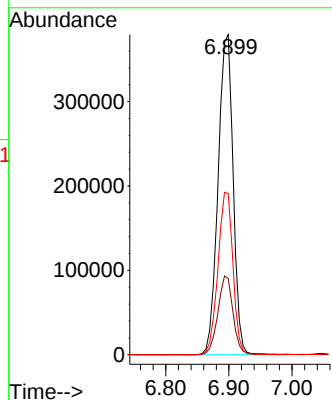
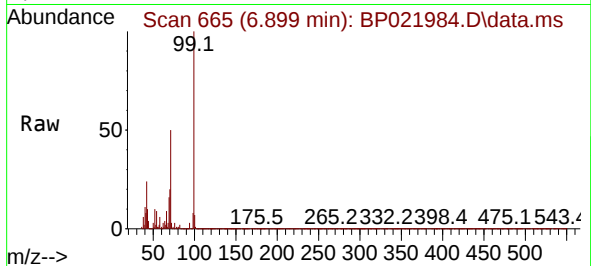
ClientSampleId :

PB163571BS

Tgt Ion: 99 Resp: 62768
Ion Ratio Lower Upper
99 100
42 23.8 16.8 25.2
71 50.3 35.8 53.6

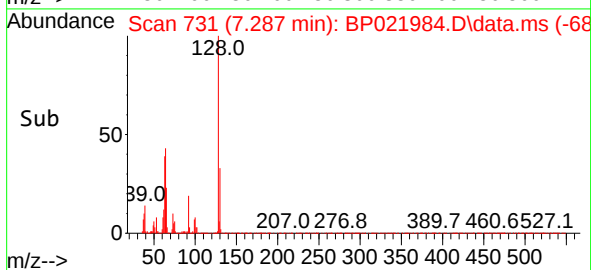
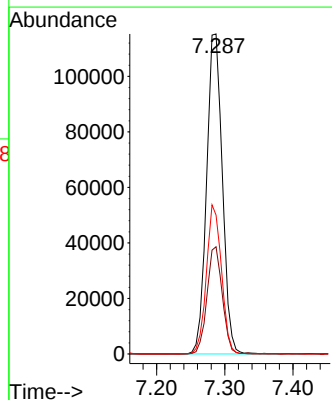
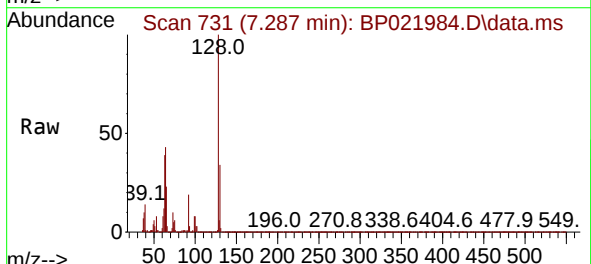
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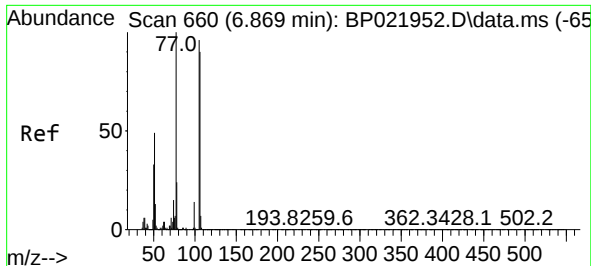
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#8
2-Chlorophenol
Concen: 43.431 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:128 Resp: 185549
Ion Ratio Lower Upper
128 100
130 33.5 13.1 53.1
64 43.4 22.1 62.1





#9
Benzaldehyde
Concen: 10.858 ng
RT: 6.864 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

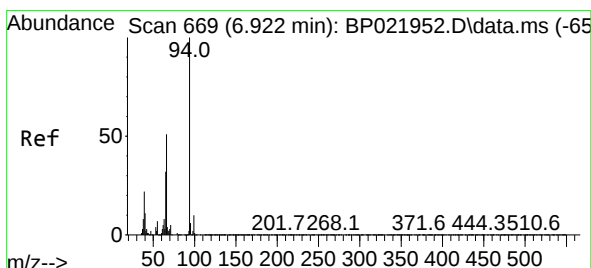
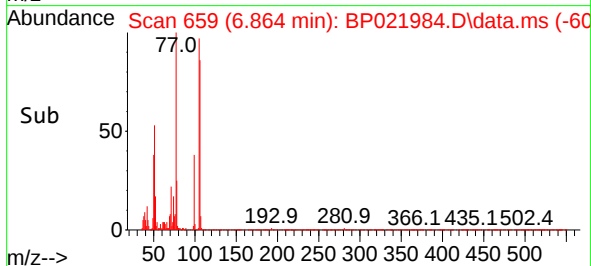
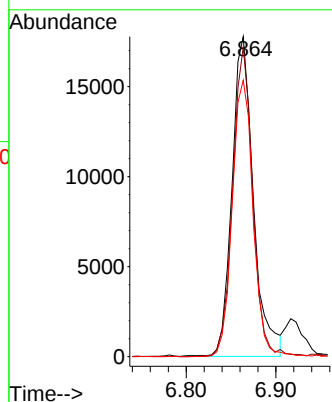
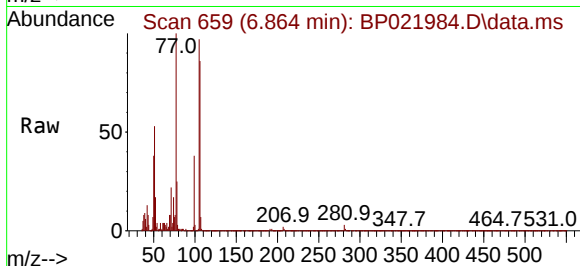
ClientSampleId :

PB163571BS

Tgt Ion: 77 Resp: 2944
Ion Ratio Lower Upper
77 100
105 96.8 76.1 116.1
106 86.3 69.9 109.9

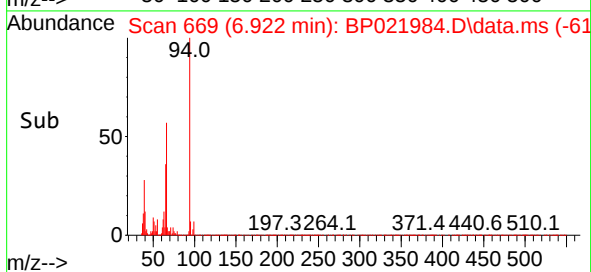
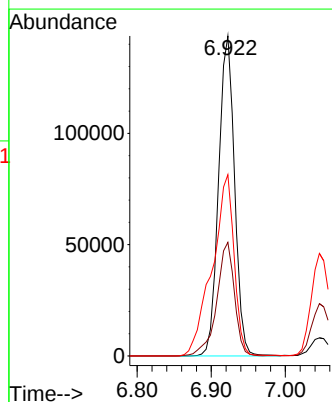
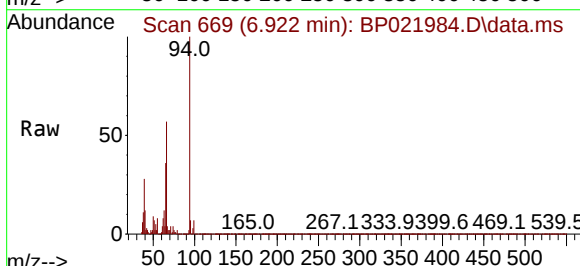
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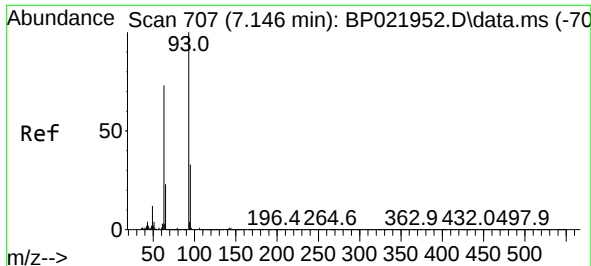
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#10
Phenol
Concen: 41.737 ng
RT: 6.922 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

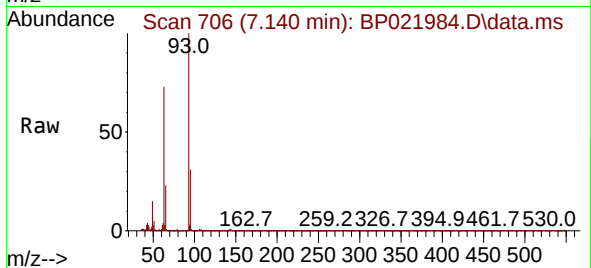
Tgt Ion: 94 Resp: 215011
Ion Ratio Lower Upper
94 100
65 35.5 12.5 52.5
66 56.7 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 39.455 ng
RT: 7.140 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

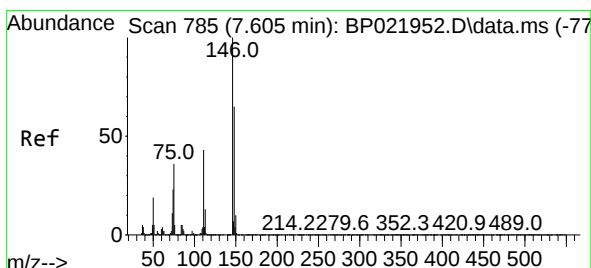
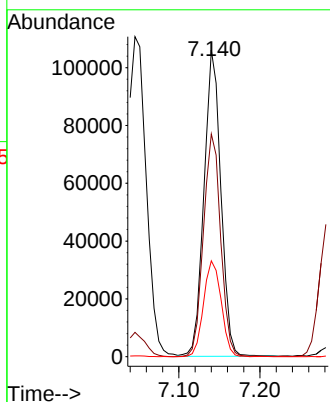
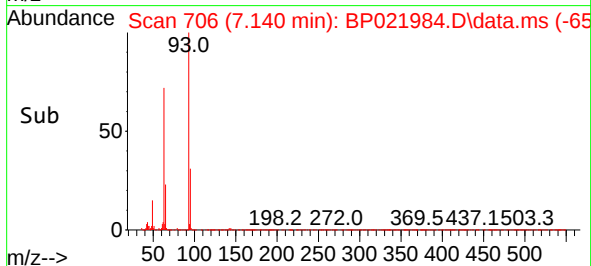
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion: 93 Resp: 15310
Ion Ratio Lower Upper
93 100
63 72.6 53.0 93.0
95 31.3 12.4 52.4

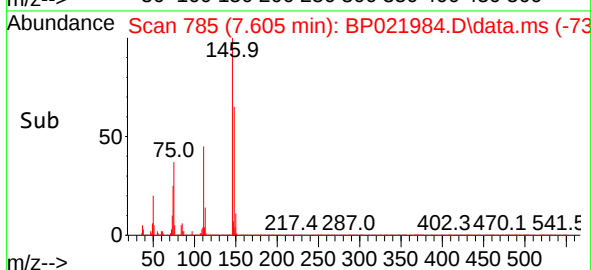
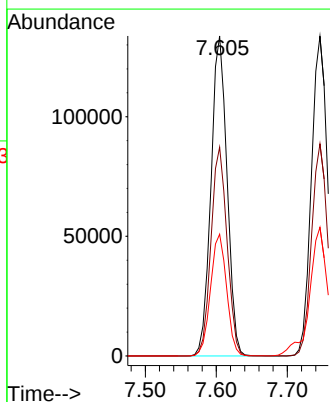
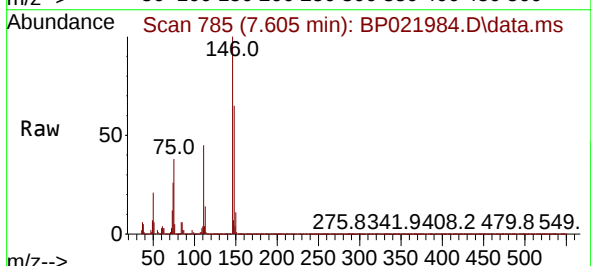
Manual Integrations
APPROVED

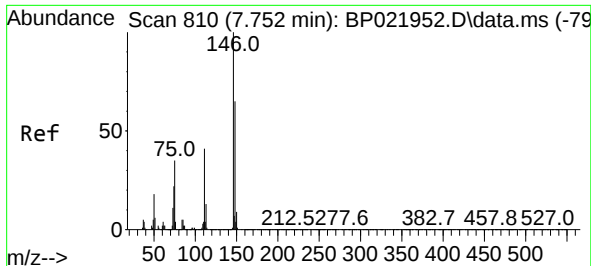
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#12
1,3-Dichlorobenzene
Concen: 38.867 ng
RT: 7.605 min Scan# 785
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:146 Resp: 209644
Ion Ratio Lower Upper
146 100
148 65.2 52.3 78.5
75 38.1 29.0 43.6





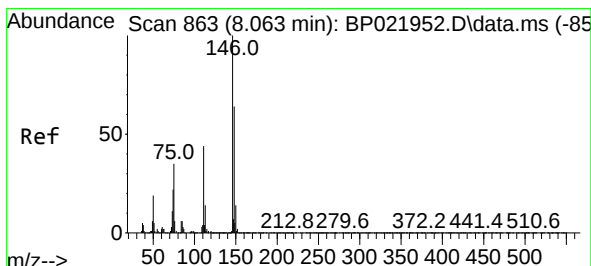
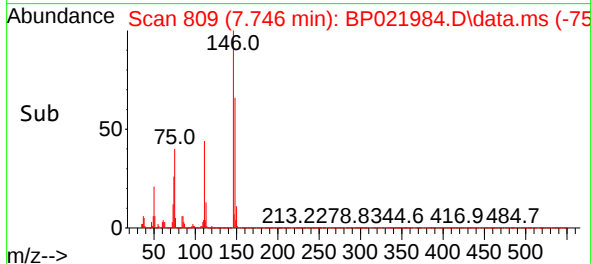
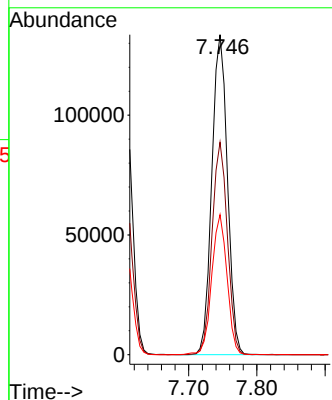
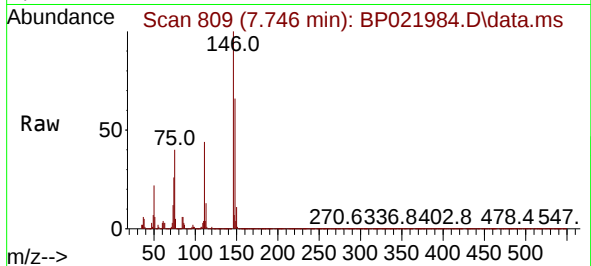
#13
1,4-Dichlorobenzene
Concen: 38.890 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Tgt Ion:146 Resp: 212730
Ion Ratio Lower Upper
146 100
148 66.4 52.2 78.4
111 43.8 32.6 48.8

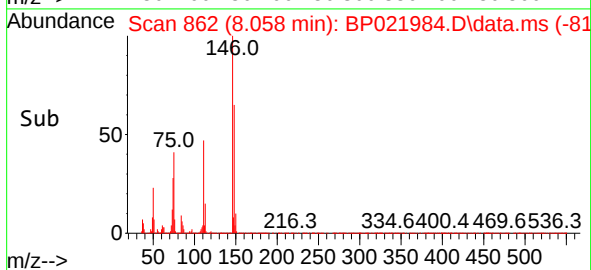
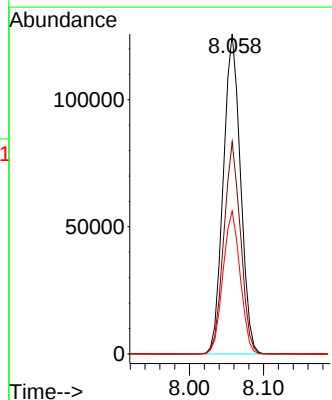
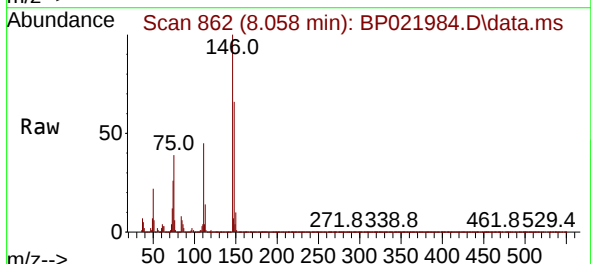
Manual Integrations
APPROVED

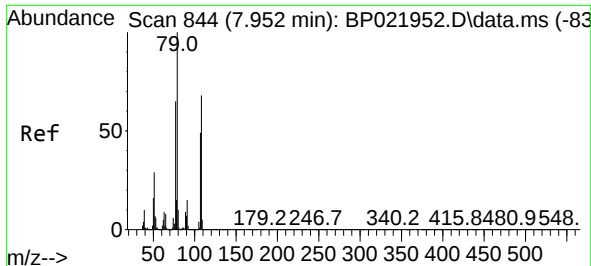
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#14
1,2-Dichlorobenzene
Concen: 38.613 ng
RT: 8.058 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:146 Resp: 202727
Ion Ratio Lower Upper
146 100
148 66.3 51.3 76.9
111 44.6 35.6 53.4





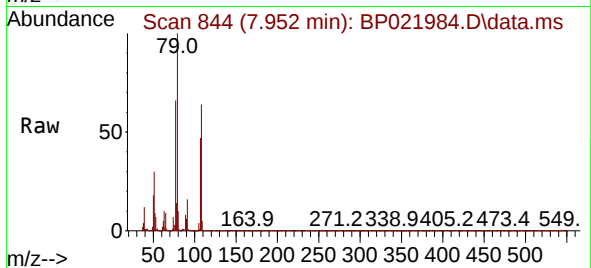
#15
Benzyl Alcohol
Concen: 45.872 ng
RT: 7.952 min Scan# 844
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS



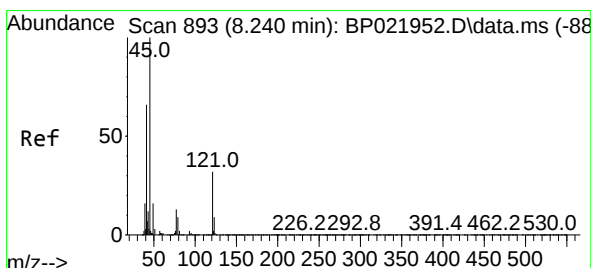
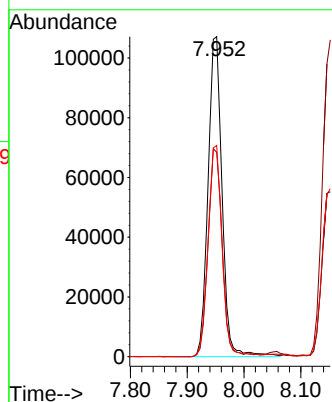
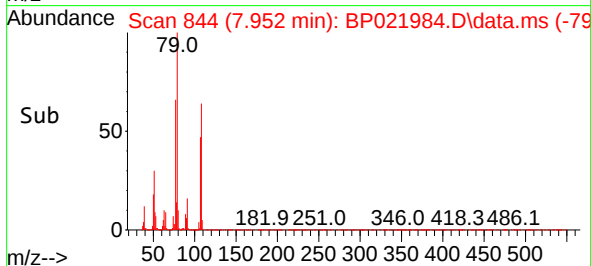
Tgt Ion: 79 Resp: 18247
Ion Ratio Lower Upper
79 100
108 63.9 54.7 82.1
77 66.0 51.8 77.8

Manual Integrations

APPROVED

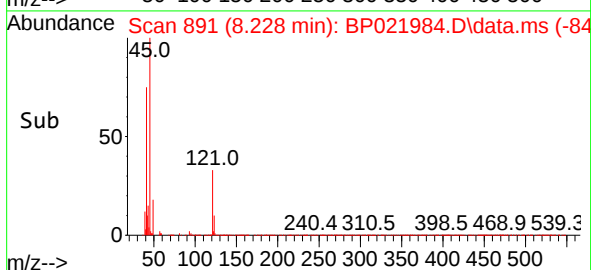
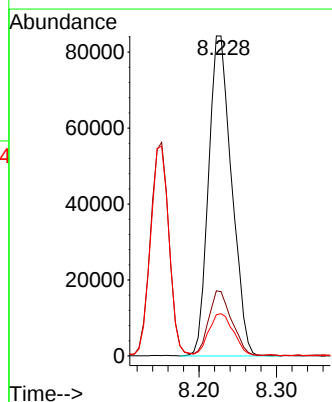
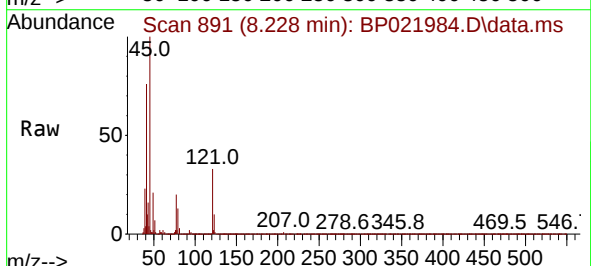
Reviewed By :Yogesh Patel 09/25/2024

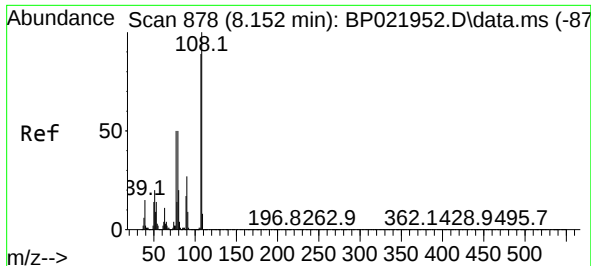
Supervised By :mohammad ahmed 09/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.142 ng
RT: 8.228 min Scan# 891
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion: 45 Resp: 174424
Ion Ratio Lower Upper
45 100
77 20.1 0.0 39.5
79 13.2 0.0 34.9





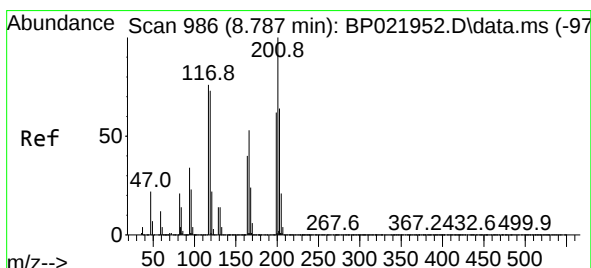
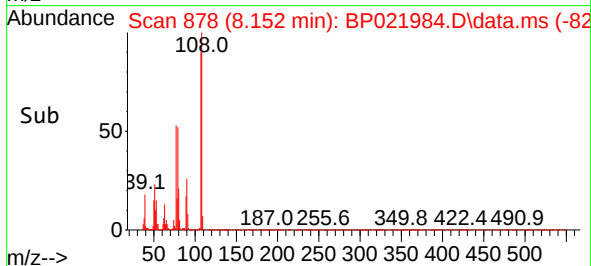
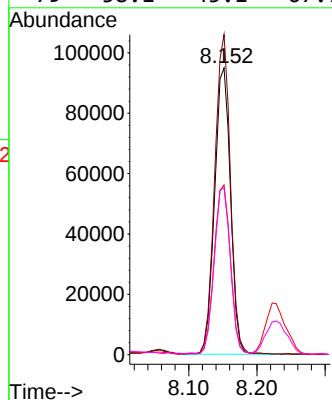
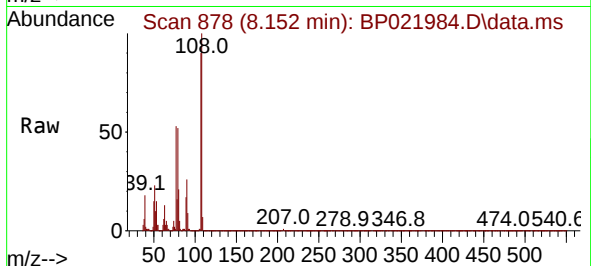
#17
2-Methylphenol
Concen: 44.186 ng
RT: 8.152 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Tgt Ion:107 Resp: 153774
Ion Ratio Lower Upper
107 100
108 111.6 90.3 135.5
77 59.2 45.1 67.7
79 58.1 45.1 67.7

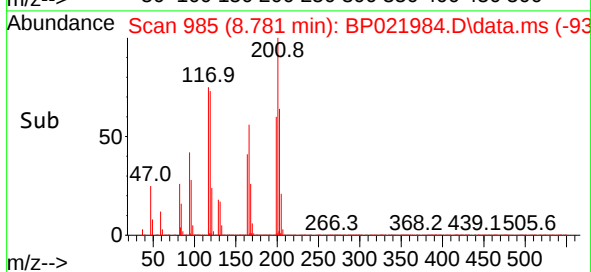
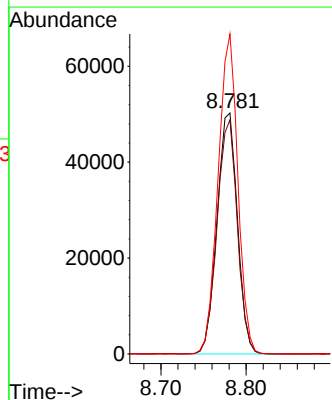
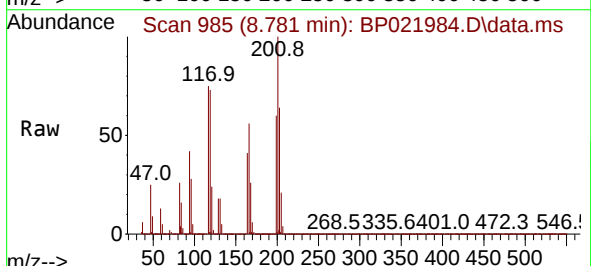
Manual Integrations
APPROVED

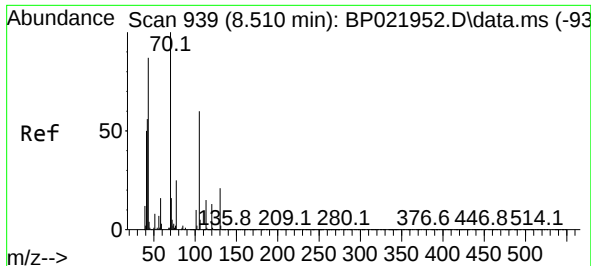
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#18
Hexachloroethane
Concen: 41.763 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:117 Resp: 84001
Ion Ratio Lower Upper
117 100
119 97.2 77.0 115.4
201 132.8 105.6 158.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.570 ng
RT: 8.505 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

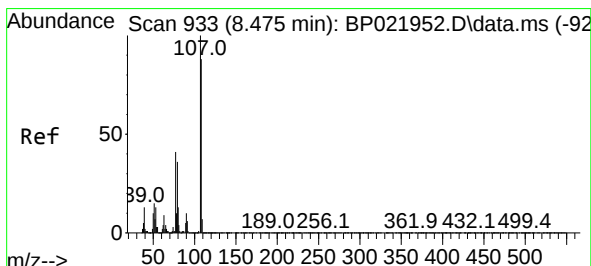
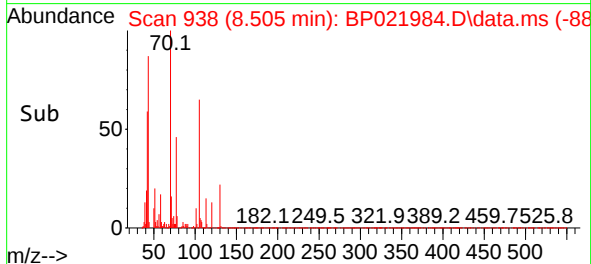
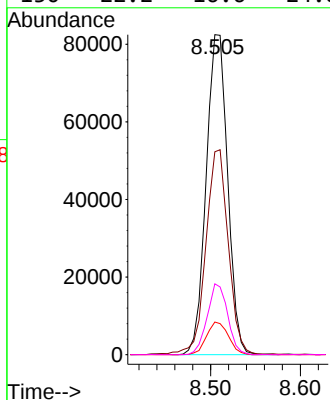
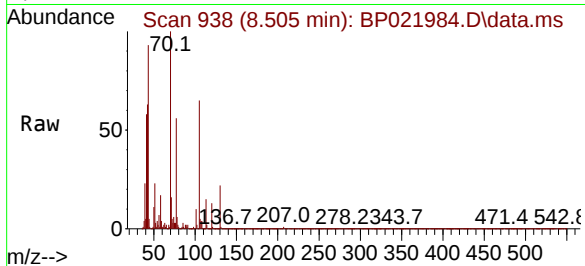
ClientSampleId :

PB163571BS

Tgt Ion: 70 Resp: 137239
Ion Ratio Lower Upper
70 100
42 63.4 45.2 67.8
101 10.2 7.8 11.6
130 22.2 16.6 24.8

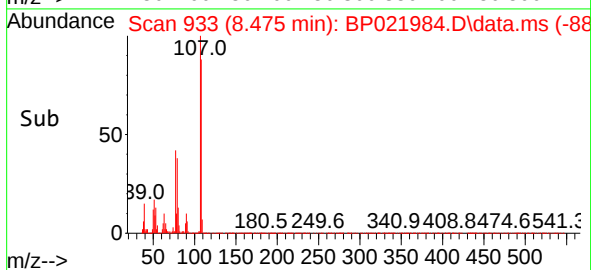
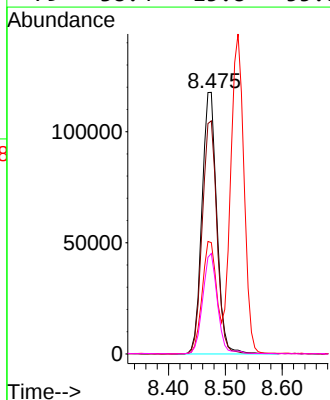
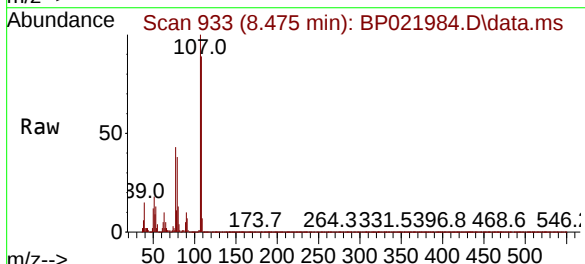
Manual Integrations
APPROVED

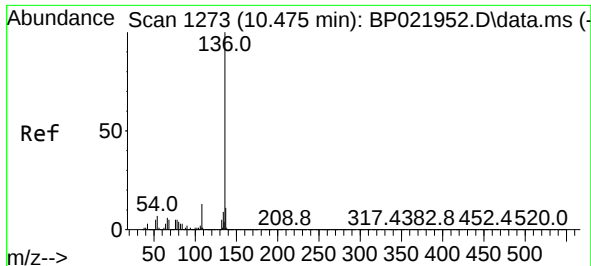
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#20
3+4-Methylphenols
Concen: 43.356 ng
RT: 8.475 min Scan# 933
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:107 Resp: 213002
Ion Ratio Lower Upper
107 100
108 89.1 68.3 108.3
77 42.6 20.6 60.6
79 38.4 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNP_P

ClientSampleId :

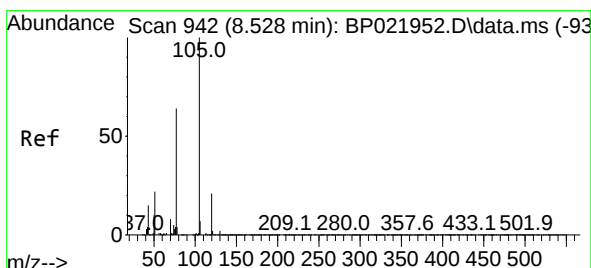
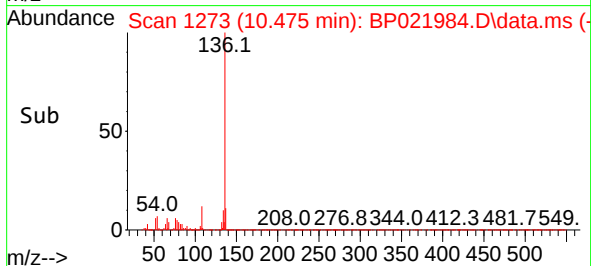
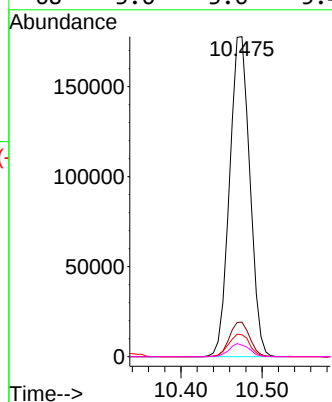
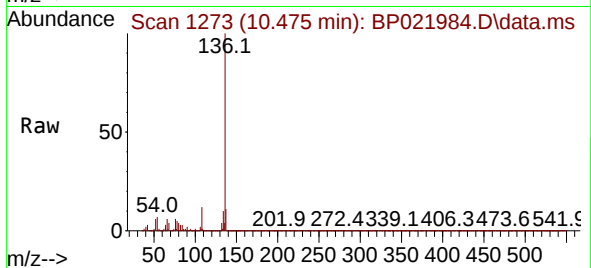
PB163571BS

Tgt Ion:136 Resp: 307864
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.9 5.5 8.3
68 3.6 3.6 5.4

Manual Integrations

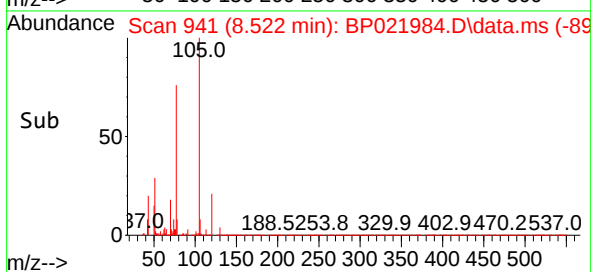
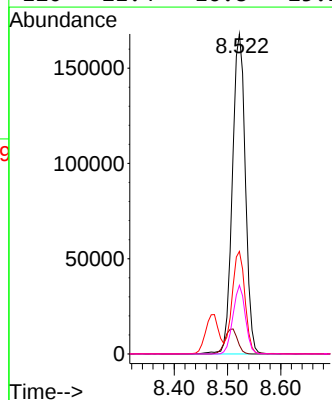
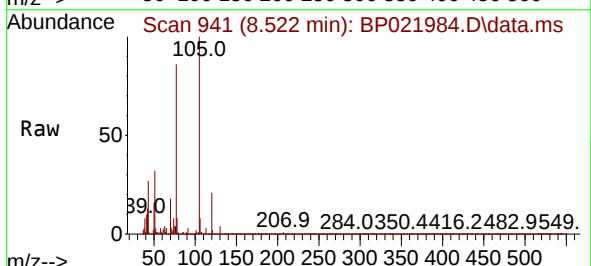
APPROVED

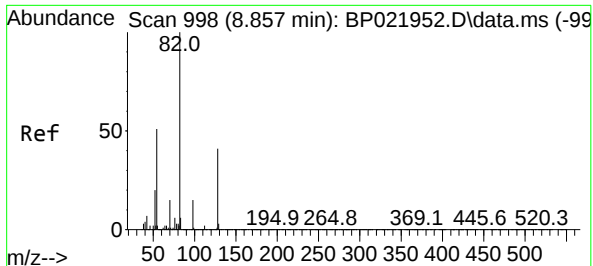
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#22
Acetophenone
Concen: 37.872 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:105 Resp: 284419
Ion Ratio Lower Upper
105 100
71 2.8 1.4 2.0#
51 32.1 22.1 33.1
120 21.4 16.8 25.2





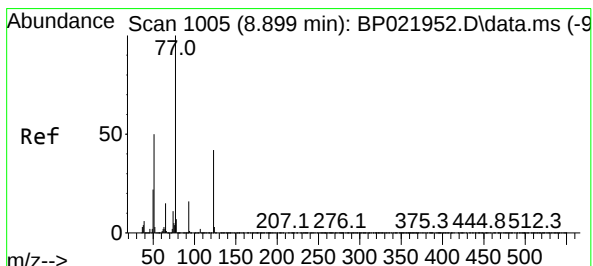
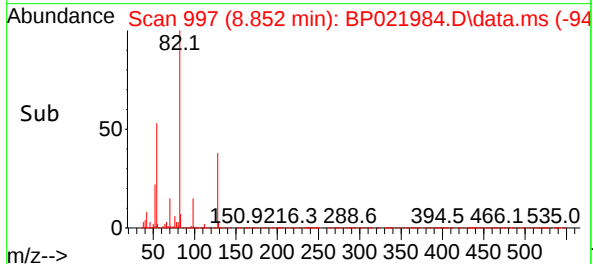
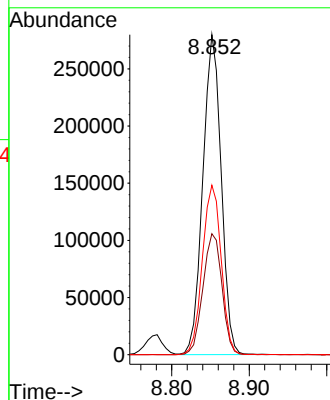
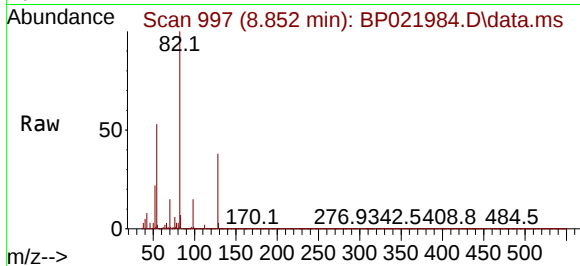
#23
Nitrobenzene-d5
Concen: 79.046 ng
RT: 8.852 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Tgt Ion: 82 Resp: 45991
Ion Ratio Lower Upper
82 100
128 37.8 33.1 49.7
54 53.0 40.3 60.5

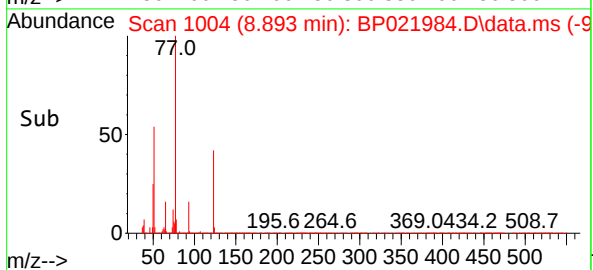
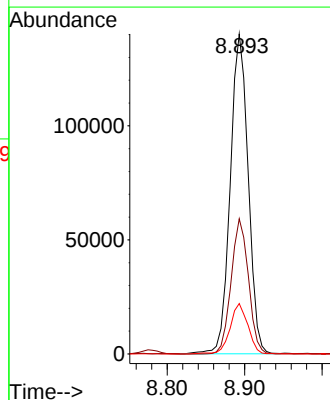
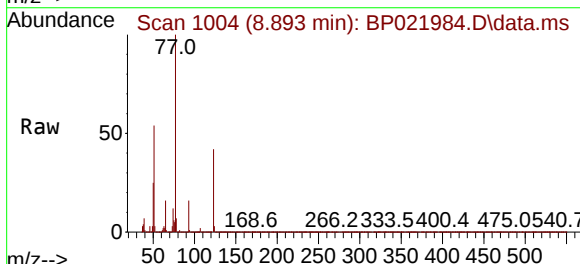
Manual Integrations
APPROVED

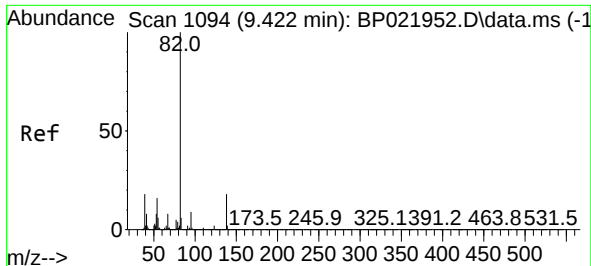
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#24
Nitrobenzene
Concen: 38.216 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

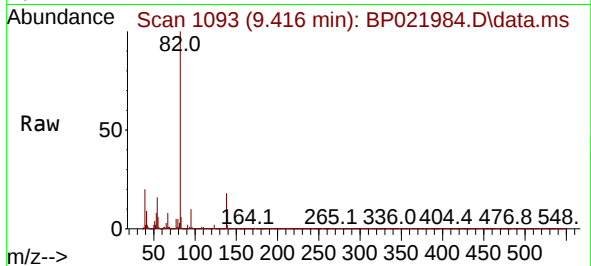
Tgt Ion: 77 Resp: 225798
Ion Ratio Lower Upper
77 100
123 42.2 33.9 50.9
65 15.8 12.0 18.0





#25
Isophorone
Concen: 38.312 ng
RT: 9.416 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

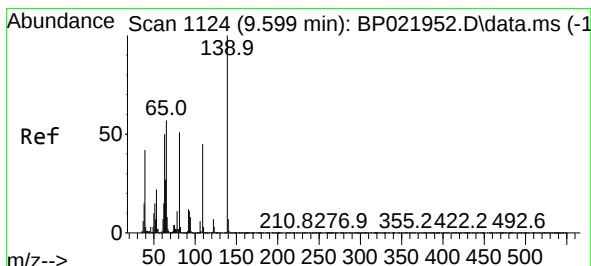
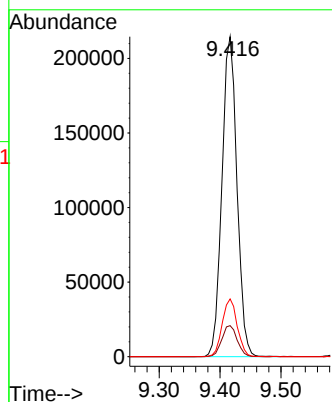
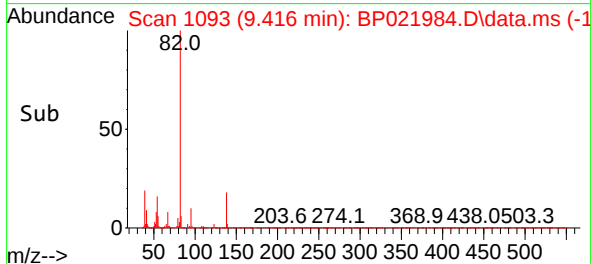
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion: 82 Resp: 367500
Ion Ratio Lower Upper
82 100
95 9.7 7.0 10.6
138 18.0 14.6 21.8

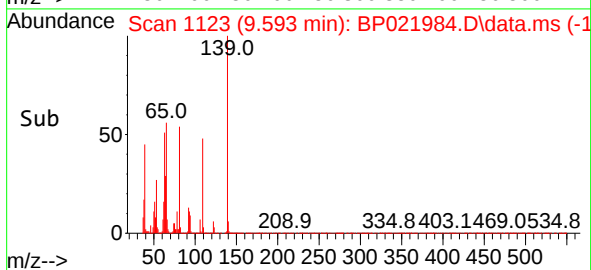
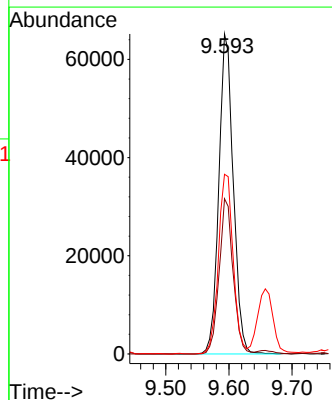
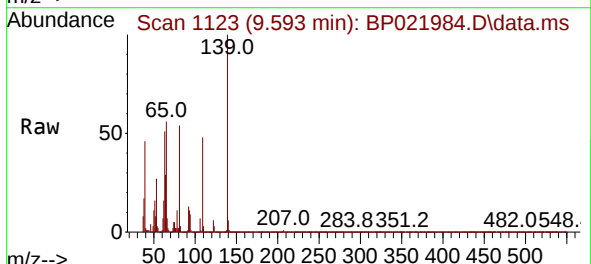
Manual Integrations
APPROVED

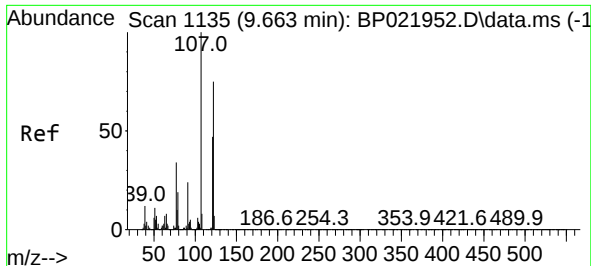
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#26
2-Nitrophenol
Concen: 40.058 ng
RT: 9.593 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:139 Resp: 103489
Ion Ratio Lower Upper
139 100
109 48.5 36.0 54.0
65 56.2 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 52.303 ng

RT: 9.658 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

Tgt Ion:122 Resp: 15646

Ion Ratio Lower Upper

122 100

107 131.2 106.1 159.1

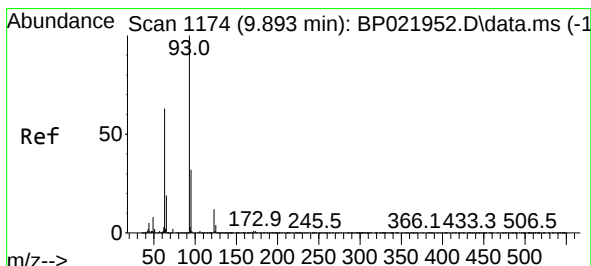
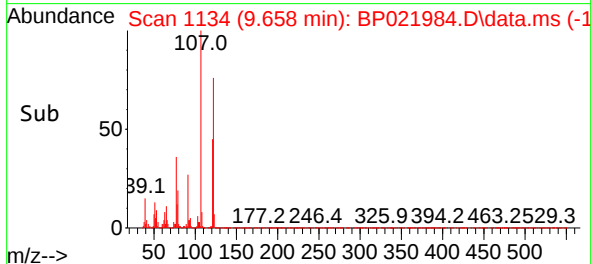
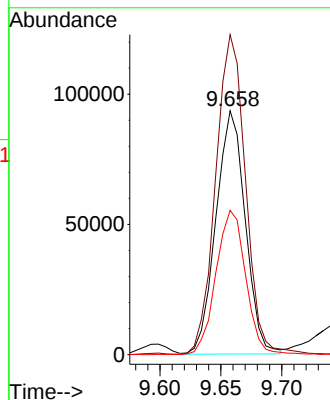
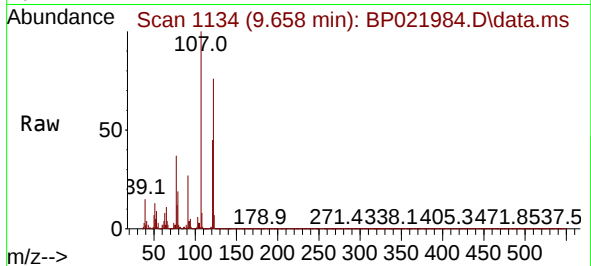
121 59.2 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.426 ng

RT: 9.887 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

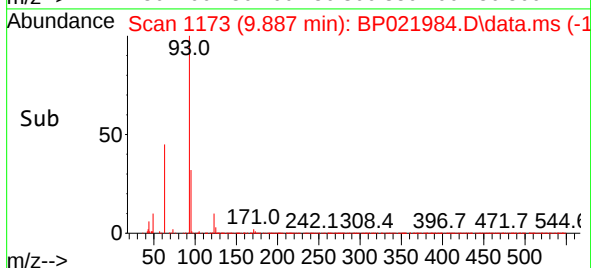
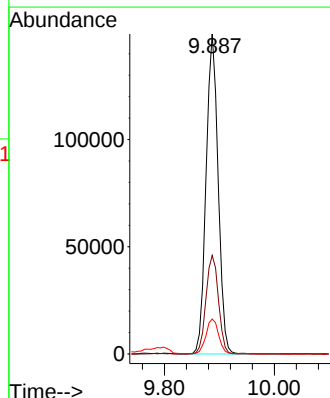
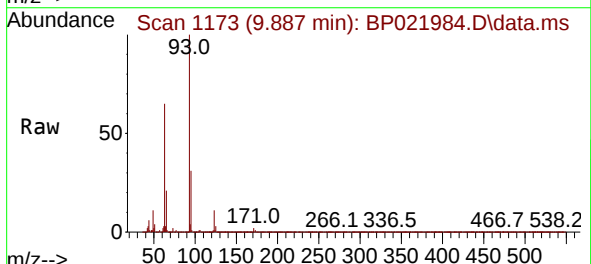
Tgt Ion: 93 Resp: 226757

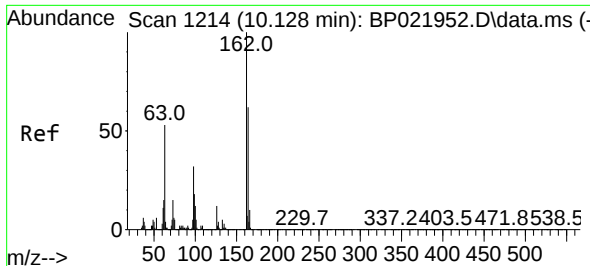
Ion Ratio Lower Upper

93 100

95 30.8 25.7 38.5

123 10.9 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 43.665 ng
RT: 10.122 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

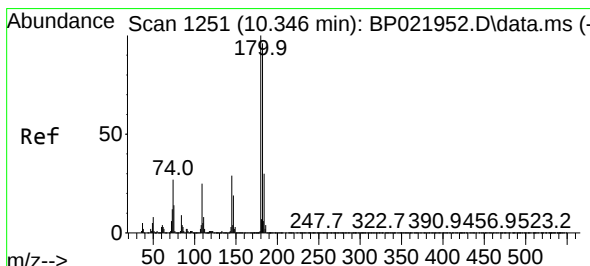
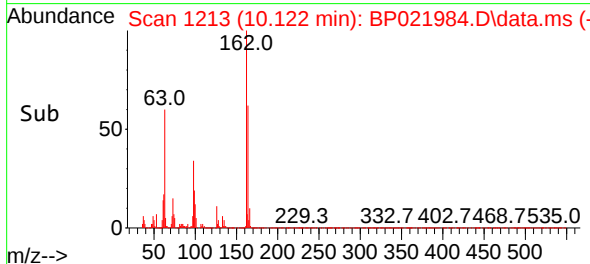
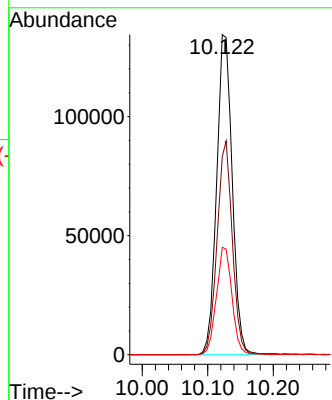
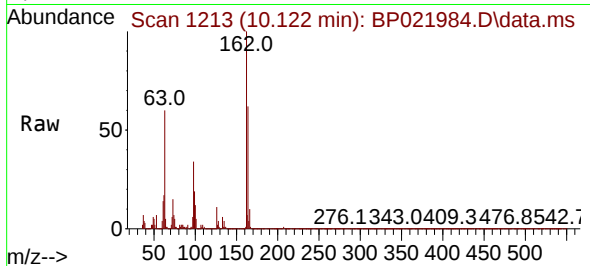
ClientSampleId :

PB163571BS

Tgt Ion:162 Resp: 221709
Ion Ratio Lower Upper
162 100
164 61.8 41.7 81.7
98 33.5 12.4 52.4

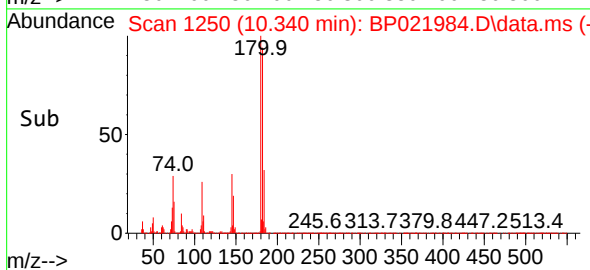
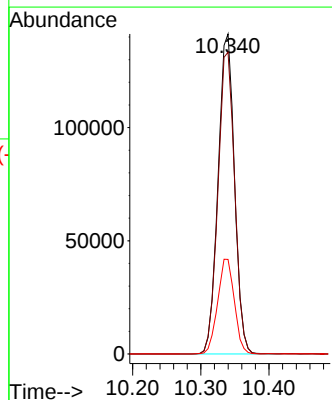
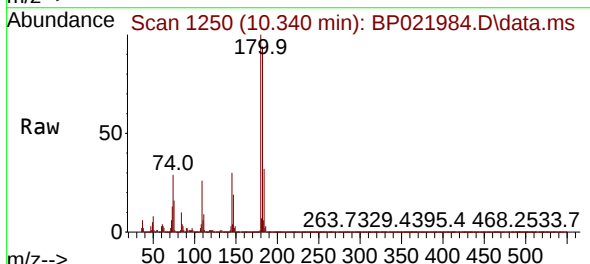
Manual Integrations
APPROVED

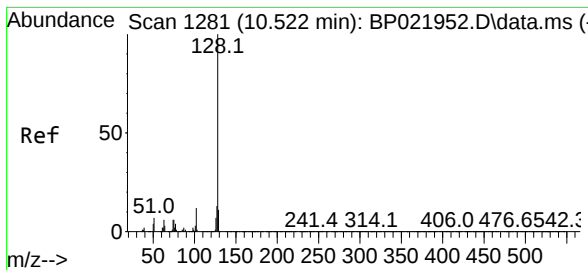
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#30
1,2,4-Trichlorobenzene
Concen: 37.450 ng
RT: 10.340 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

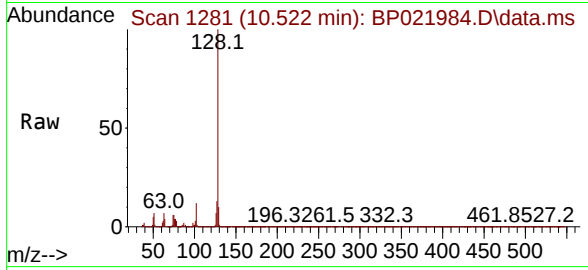
Tgt Ion:180 Resp: 236859
Ion Ratio Lower Upper
180 100
182 94.3 77.0 115.4
145 29.5 23.0 34.6





#31
Naphthalene
Concen: 39.164 ng
RT: 10.522 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

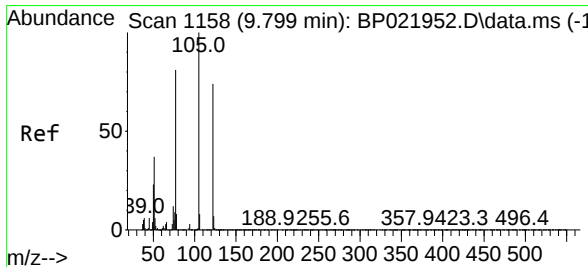
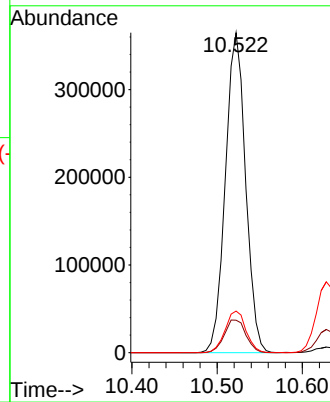
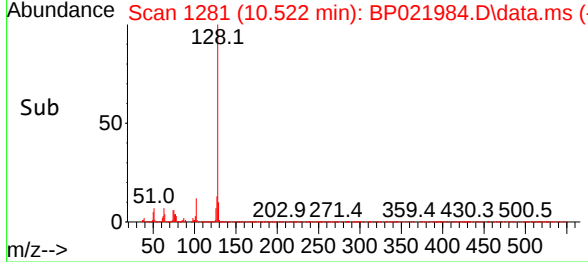
Instrument :
BNA_P
ClientSampleId :
PB163571BS



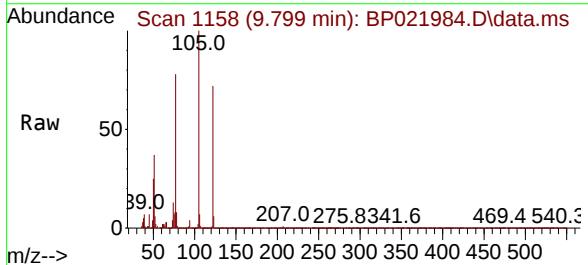
Tgt Ion:128 Resp: 601628
Ion Ratio Lower Upper
128 100
129 10.1 8.6 13.0
127 13.0 10.6 15.8

Manual Integrations
APPROVED

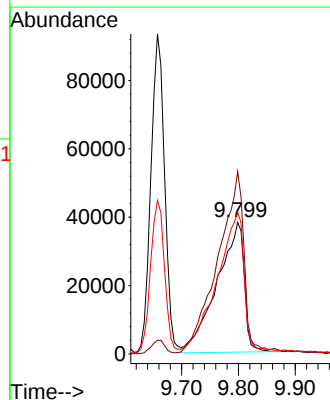
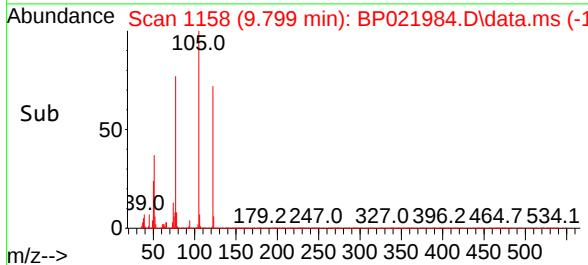
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

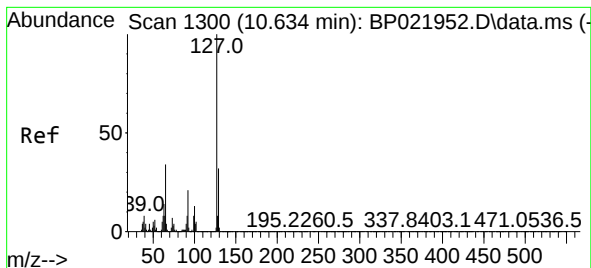


#32
Benzoic acid
Concen: 36.204 ng
RT: 9.799 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09



Tgt Ion:122 Resp: 126615
Ion Ratio Lower Upper
122 100
105 138.7 111.3 151.3
77 107.6 86.7 126.7





#33
4-Chloroaniline
Concen: 26.101 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

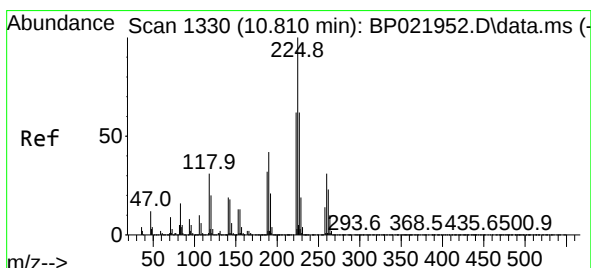
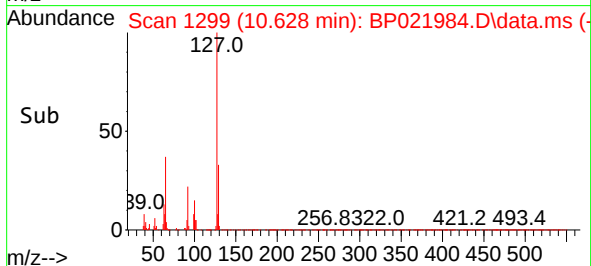
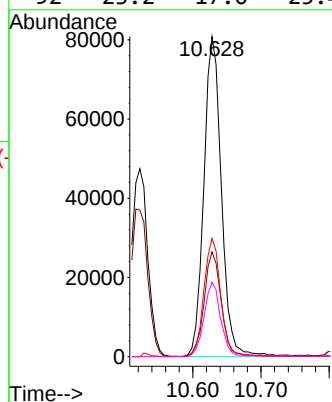
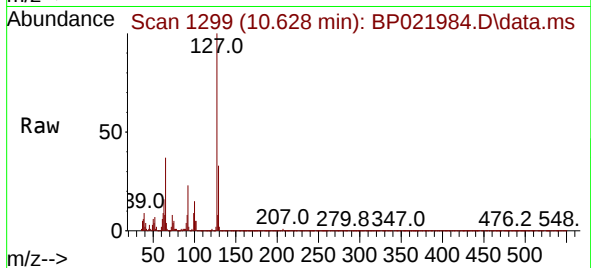
PB163571BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.0
65	36.9	27.4	41.2
92	23.2	17.0	25.4

Manual Integrations

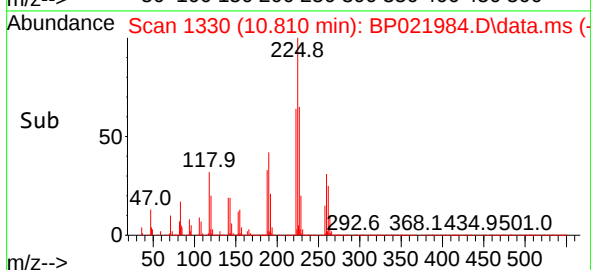
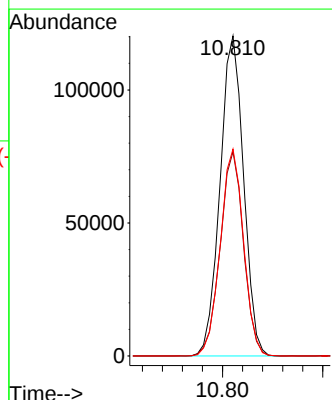
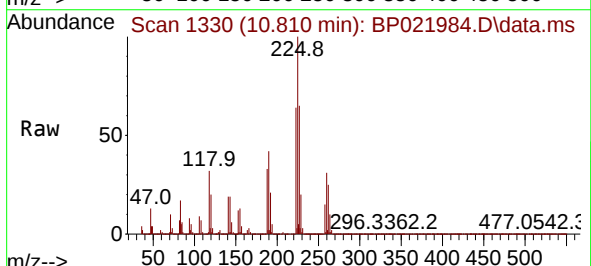
APPROVED

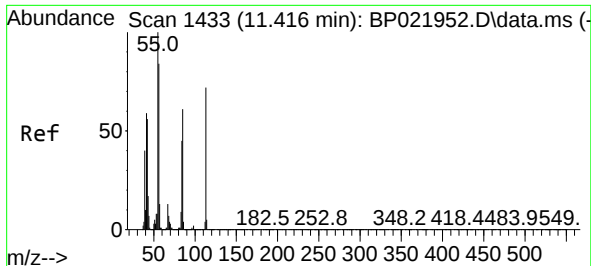
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#34
Hexachlorobutadiene
Concen: 39.558 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

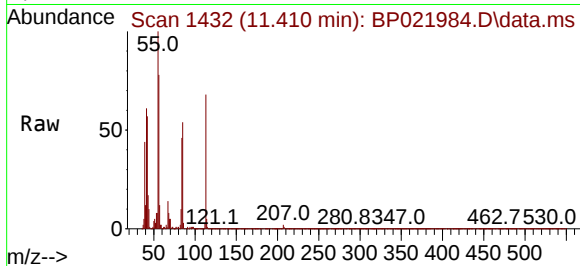
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.0	75.0
227	64.7	49.7	74.5





#35
Caprolactam
Concen: 39.312 ng m
RT: 11.410 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

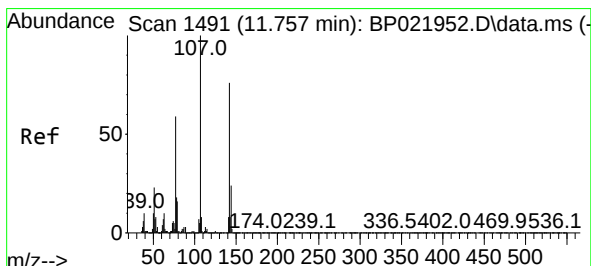
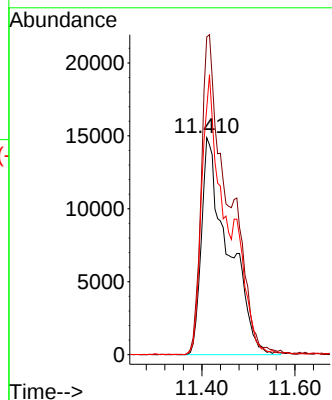
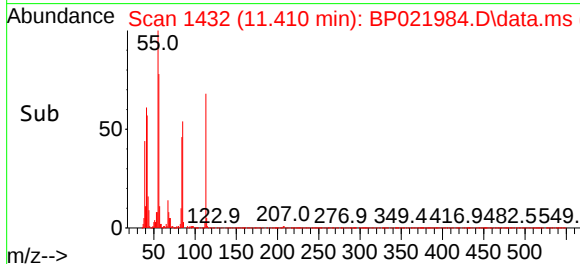
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:113 Resp: 59404
Ion Ratio Lower Upper
113 100
55 146.4 119.4 159.4
56 113.6 97.1 137.1

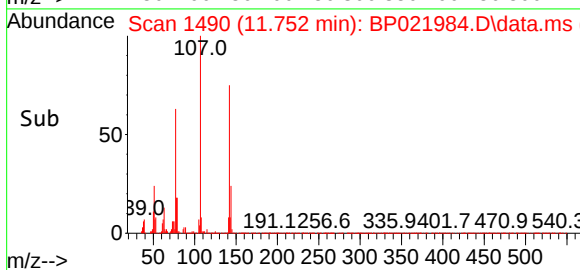
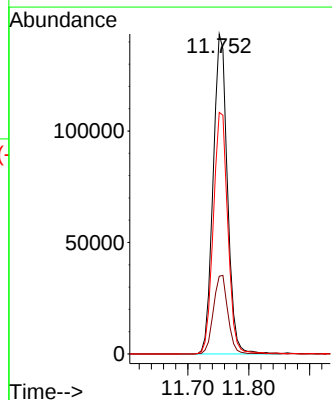
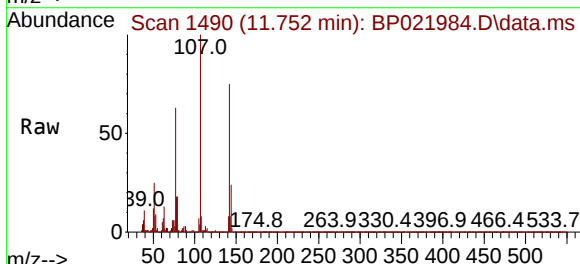
Manual Integrations
APPROVED

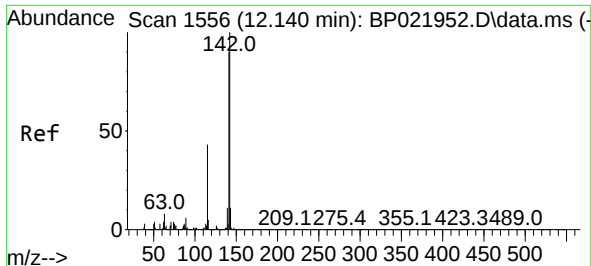
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#36
4-Chloro-3-methylphenol
Concen: 42.872 ng
RT: 11.752 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:107 Resp: 233544
Ion Ratio Lower Upper
107 100
144 24.3 19.0 28.4
142 75.5 60.4 90.6





#37
2-Methylnaphthalene
Concen: 41.892 ng
RT: 12.134 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

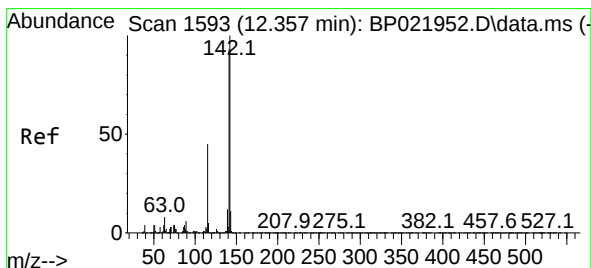
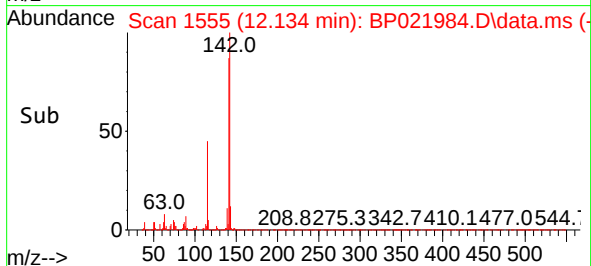
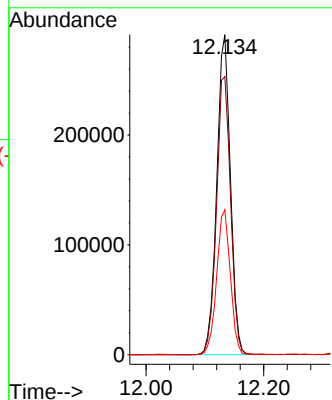
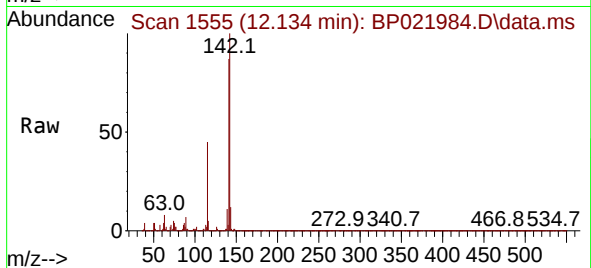
Tgt Ion:142 Resp: 470832
Ion Ratio Lower Upper
142 100
141 86.9 71.7 107.5
115 45.3 34.6 51.8

Manual Integrations

APPROVED

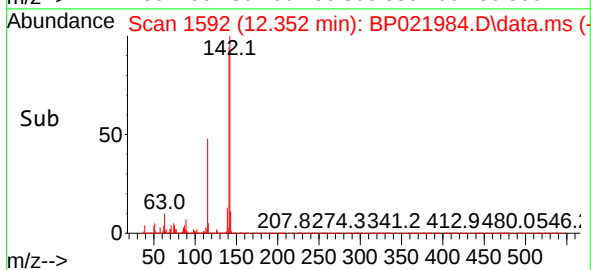
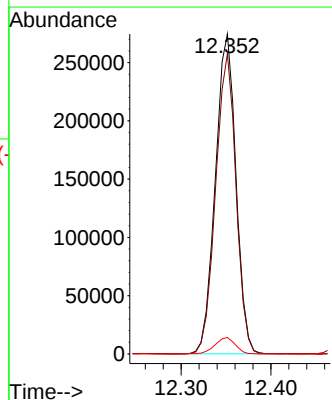
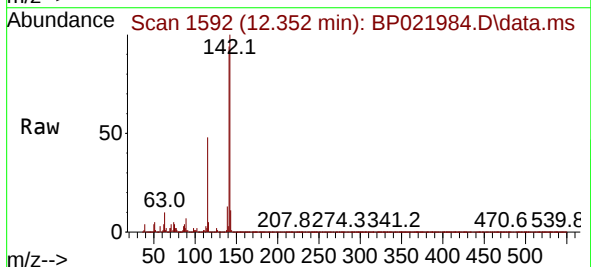
Reviewed By :Yogesh Patel 09/25/2024

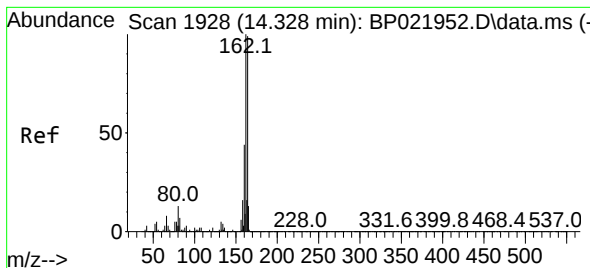
Supervised By :mohammad ahmed 09/25/2024



#38
1-Methylnaphthalene
Concen: 39.392 ng
RT: 12.352 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:142 Resp: 437124
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1
116 5.1 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.322 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

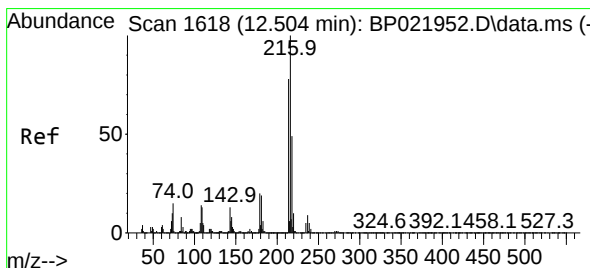
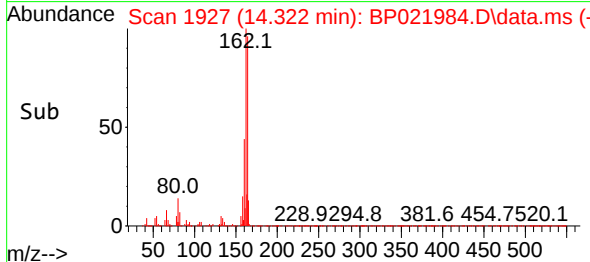
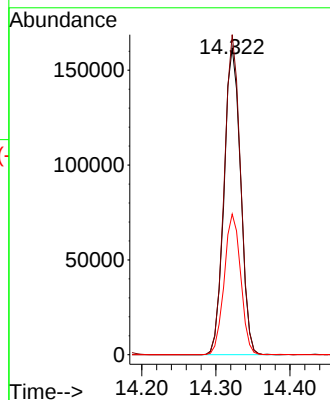
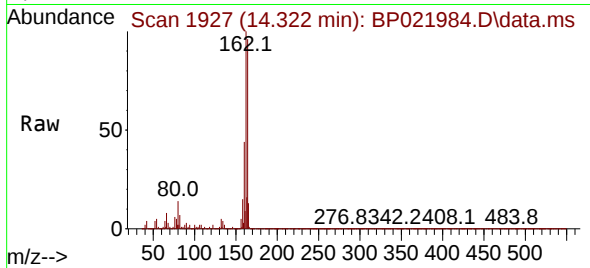
Tgt Ion:164	Resp: 25031
Ion Ratio	Lower Upper
164 100	
162 104.4	81.2 121.8
160 45.9	35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.139 ng

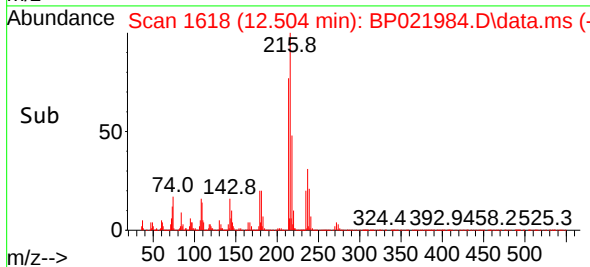
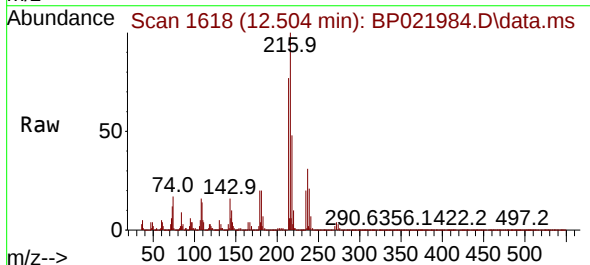
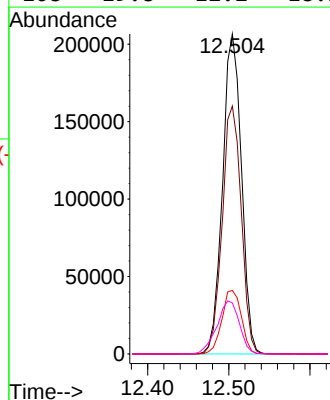
RT: 12.504 min Scan# 1618

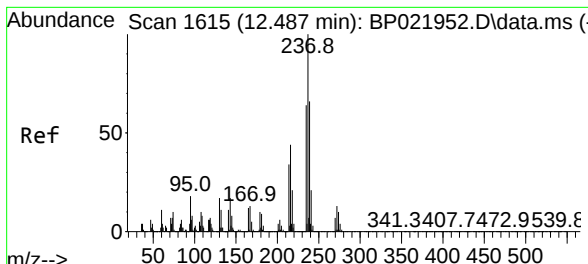
Delta R.T. 0.000 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

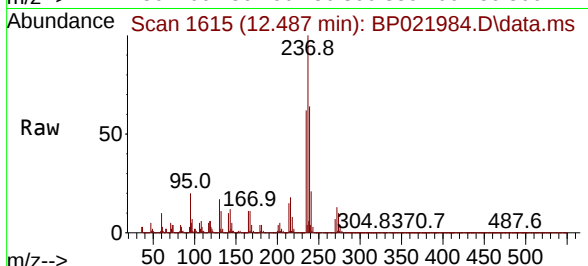
Tgt Ion:216	Resp: 333999
Ion Ratio	Lower Upper
216 100	
214 78.2	62.8 94.2
179 20.6	16.4 24.6
108 19.8	12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 148.836 ng
RT: 12.487 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

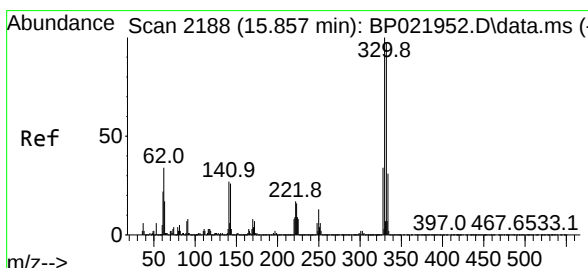
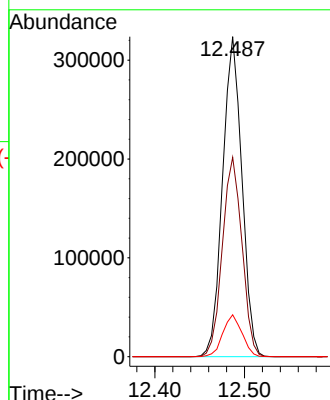
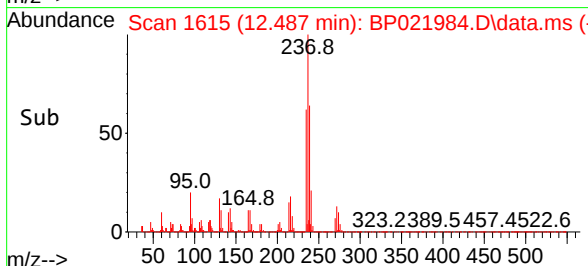
Instrument :
BNA_P
ClientSampleId :
PB163571BS



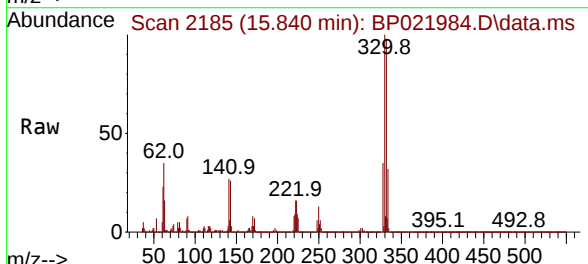
Tgt Ion:237 Resp: 48429
Ion Ratio Lower Upper
237 100
235 62.3 44.1 84.1
272 13.1 0.0 33.1

Manual Integrations
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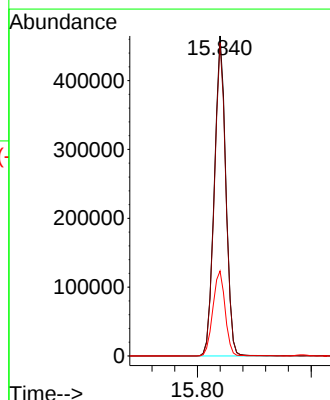
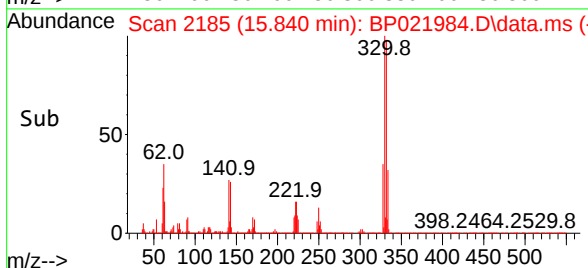
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

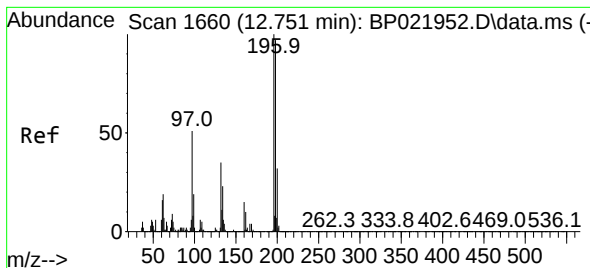


#42
2,4,6-Tribromophenol
Concen: 139.910 ng
RT: 15.840 min Scan# 2185
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09



Tgt Ion:330 Resp: 649253
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 28.4 23.4 35.0





#43

2,4,6-Trichlorophenol

Concen: 40.682 ng

RT: 12.746 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

Tgt Ion:196 Resp: 218670

Ion Ratio Lower Upper

196 100

198 95.0 77.6 116.4

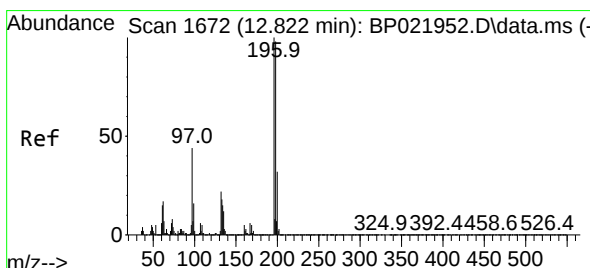
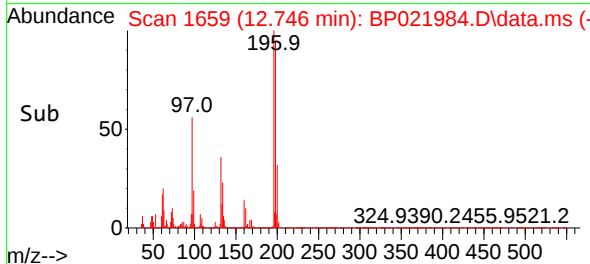
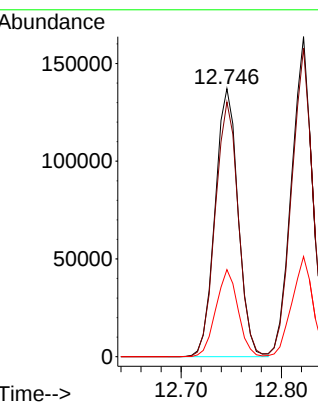
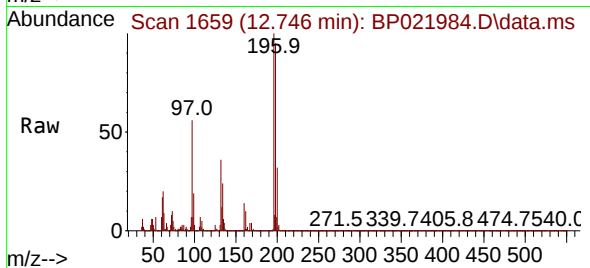
200 32.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#44

2,4,5-Trichlorophenol

Concen: 39.265 ng

RT: 12.822 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Tgt Ion:196 Resp: 236760

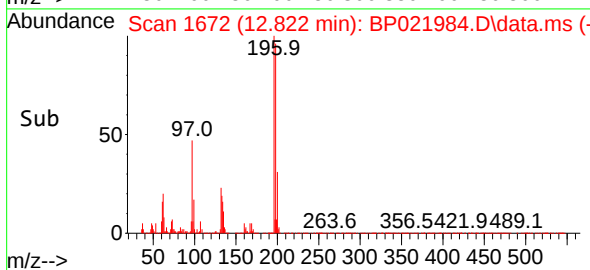
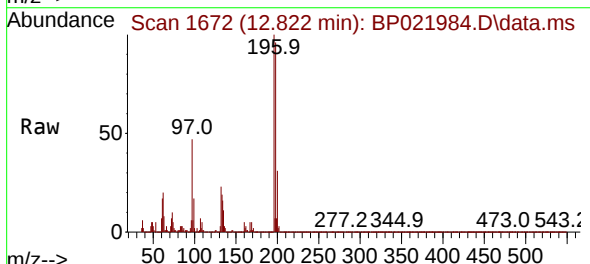
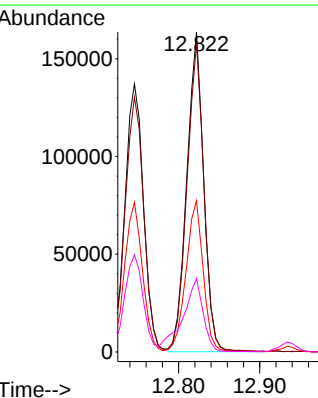
Ion Ratio Lower Upper

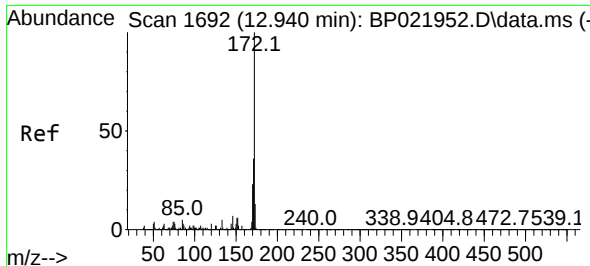
196 100

198 96.4 78.2 117.4

97 47.3 35.0 52.4

132 22.9 17.8 26.8





#45
2-Fluorobiphenyl
Concen: 78.992 ng
RT: 12.934 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

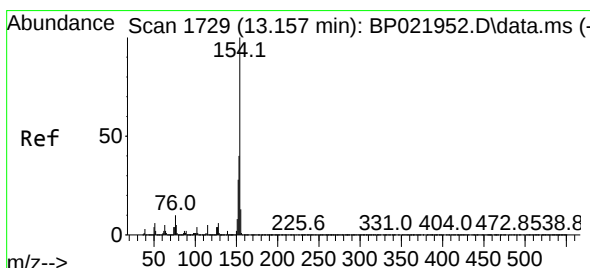
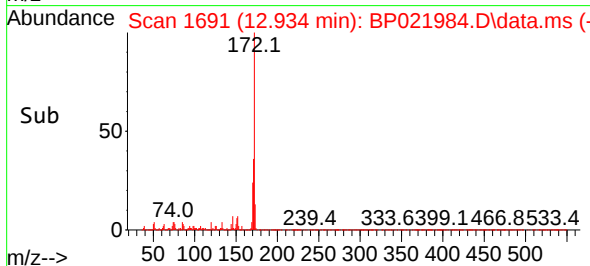
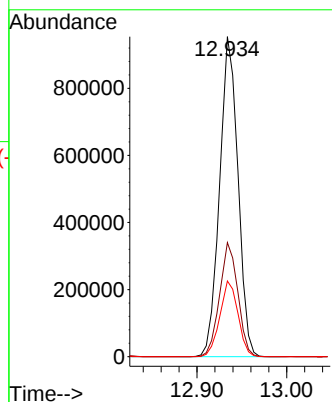
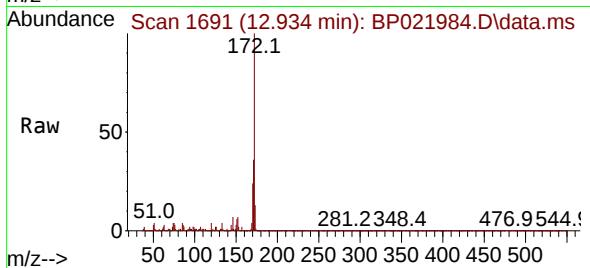
Tgt Ion:172 Resp: 135450
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 18.8 28.2

Manual Integrations

APPROVED

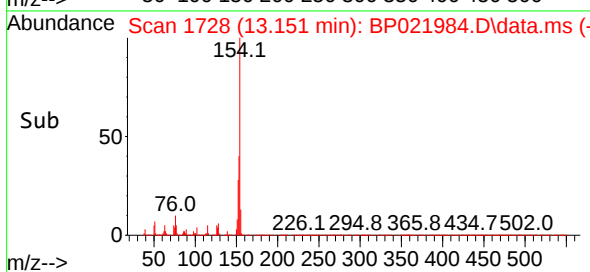
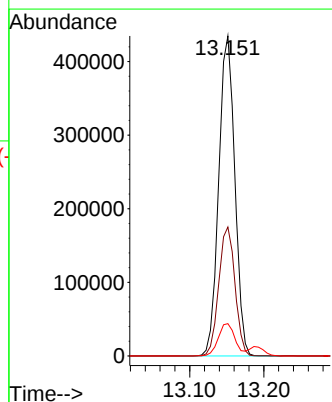
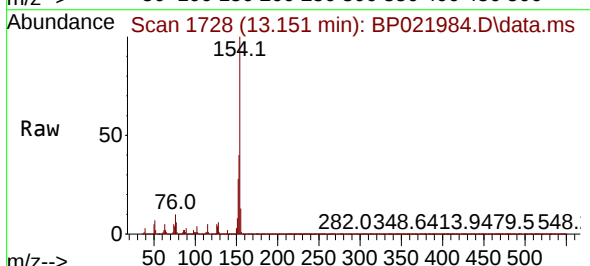
Reviewed By :Yogesh Patel 09/25/2024

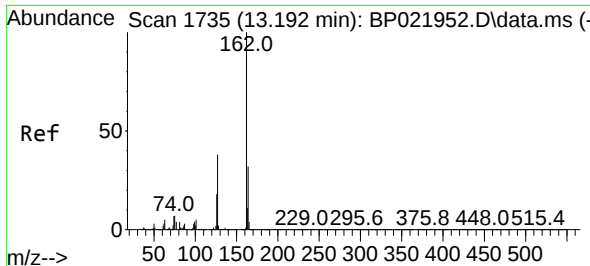
Supervised By :mohammad ahmed 09/25/2024



#46
1,1'-Biphenyl
Concen: 38.355 ng
RT: 13.151 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:154 Resp: 654616
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 10.1 0.0 29.9





#47
2-Chloronaphthalene
Concen: 37.686 ng
RT: 13.187 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

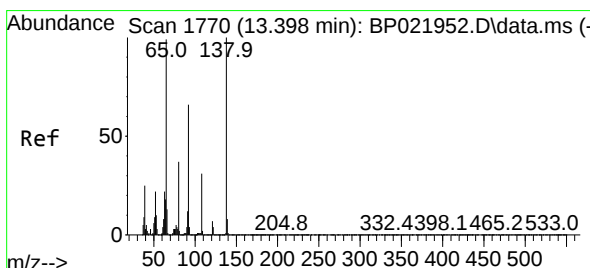
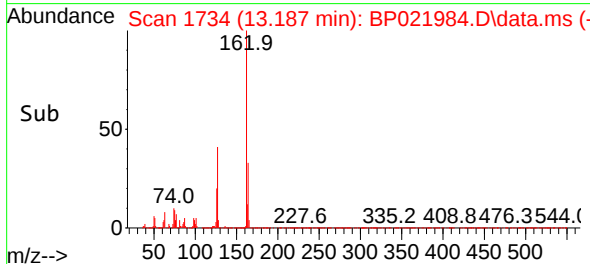
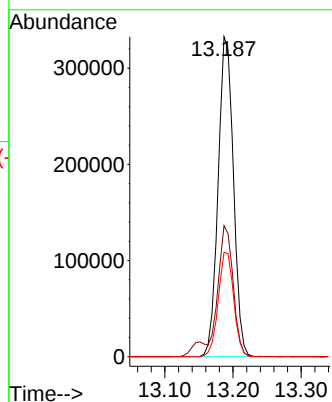
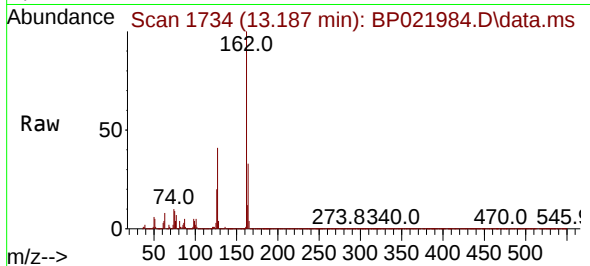
ClientSampleId :

PB163571BS

Tgt Ion:162 Resp: 52007
Ion Ratio Lower Upper
162 100
127 40.9 31.7 47.5
164 32.7 25.9 38.9

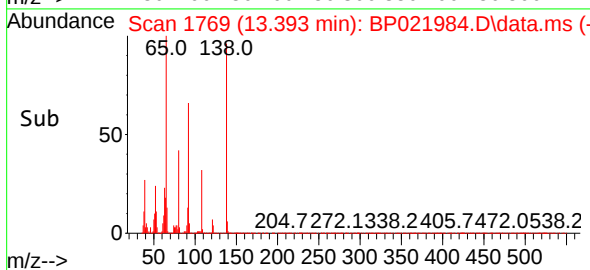
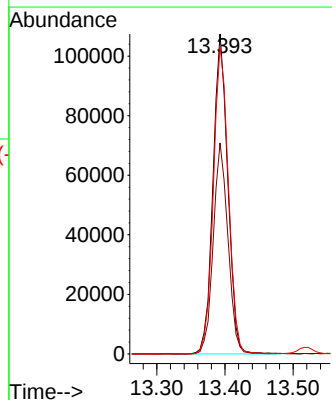
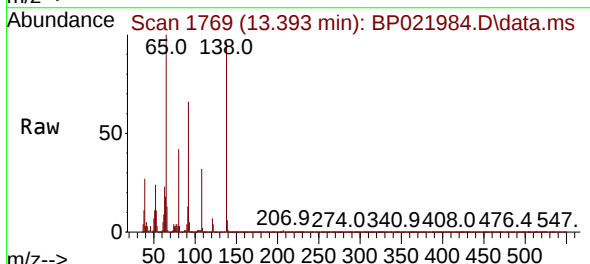
Manual Integrations
APPROVED

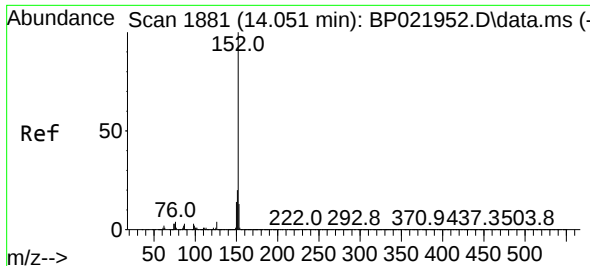
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#48
2-Nitroaniline
Concen: 42.954 ng
RT: 13.393 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion: 65 Resp: 161863
Ion Ratio Lower Upper
65 100
92 66.0 53.2 79.8
138 96.2 81.1 121.7





#49
Acenaphthylene
Concen: 43.483 ng
RT: 14.040 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

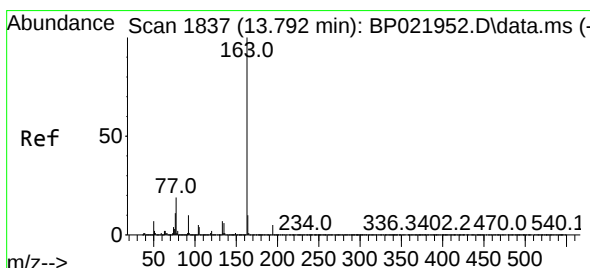
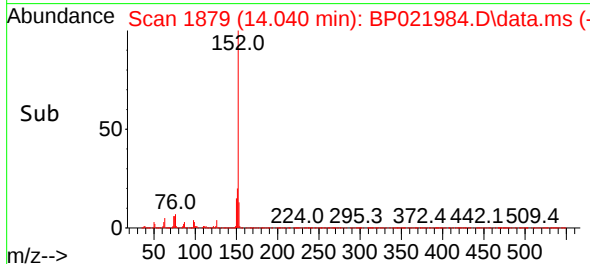
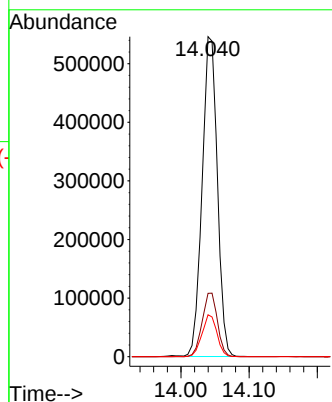
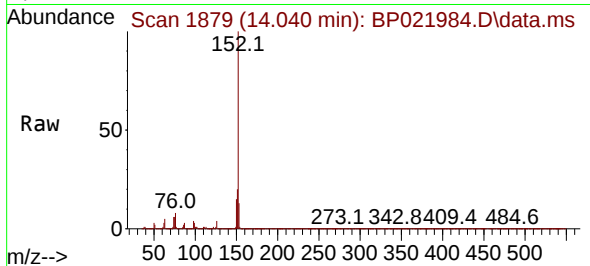
ClientSampleId :

PB163571BS

Tgt Ion:152 Resp: 84675
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.1 10.8 16.2

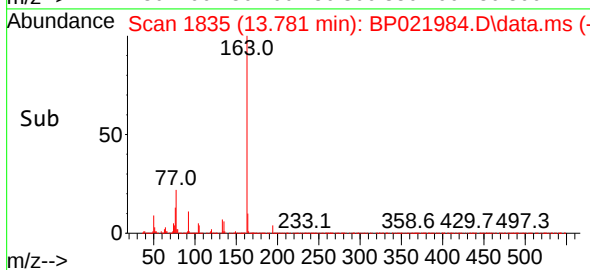
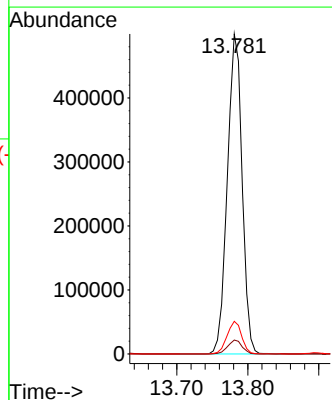
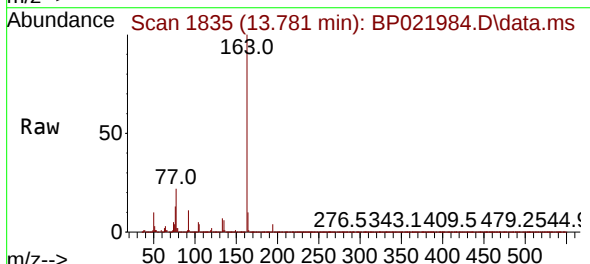
Manual Integrations
APPROVED

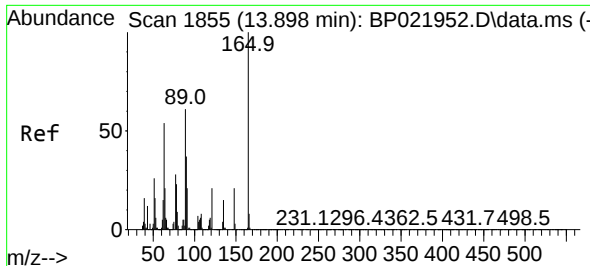
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#50
Dimethylphthalate
Concen: 39.613 ng
RT: 13.781 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:163 Resp: 719163
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 37.953 ng
RT: 13.893 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

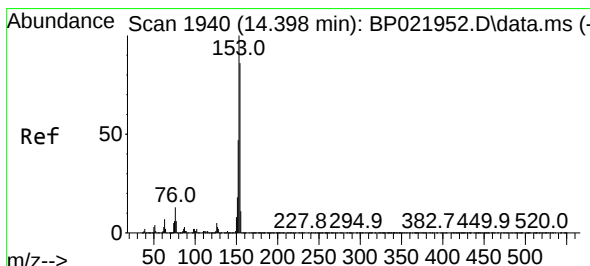
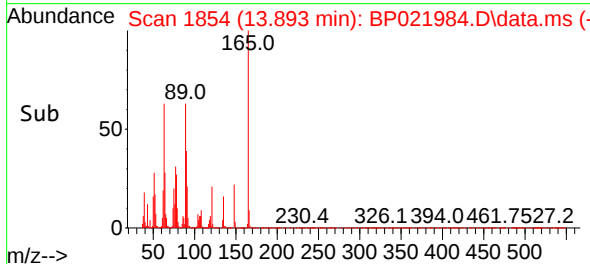
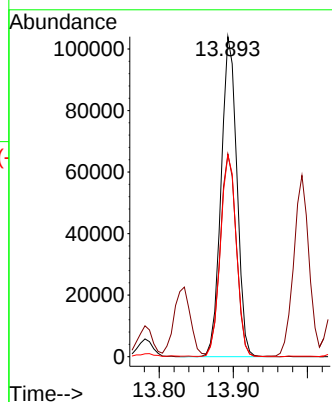
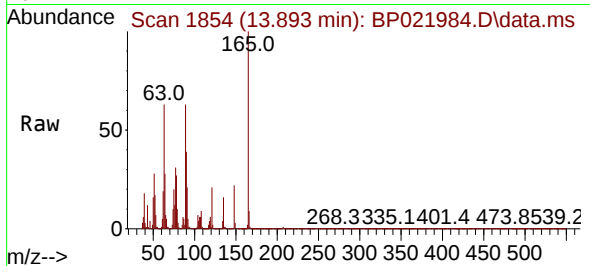
ClientSampleId :

PB163571BS

Tgt Ion:165 Resp: 153538
Ion Ratio Lower Upper
165 100
63 63.3 46.4 69.6
89 63.0 48.5 72.7

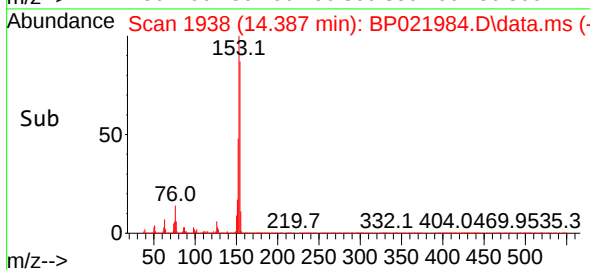
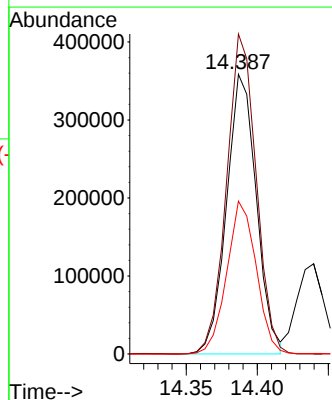
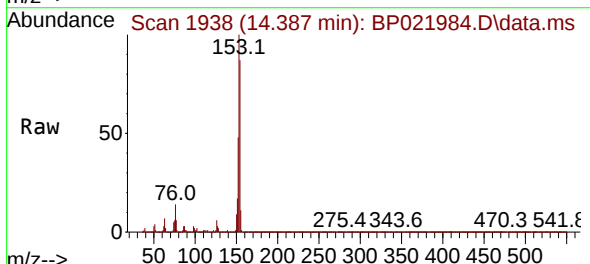
Manual Integrations
APPROVED

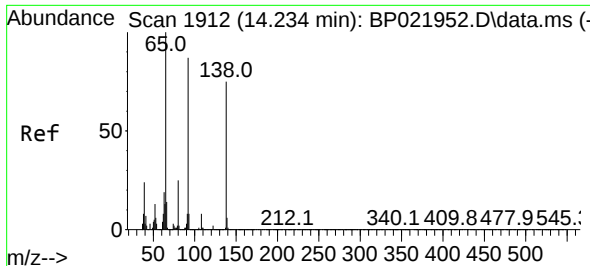
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#52
Acenaphthene
Concen: 41.342 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:154 Resp: 523950
Ion Ratio Lower Upper
154 100
153 114.4 92.7 139.1
152 54.6 43.6 65.4





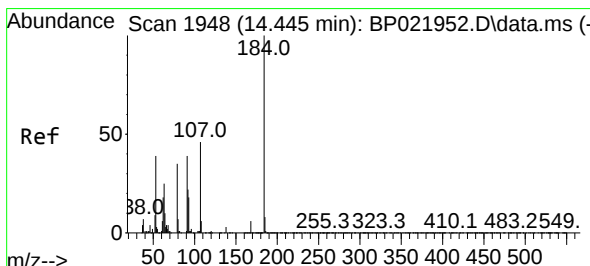
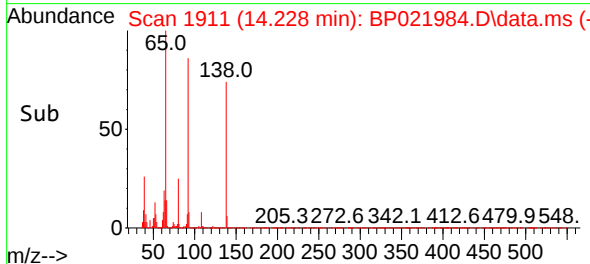
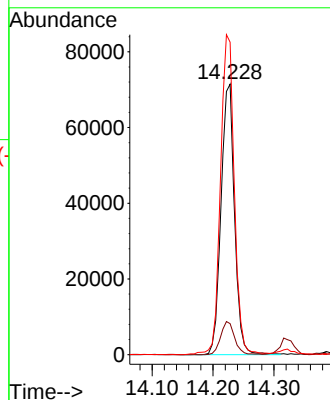
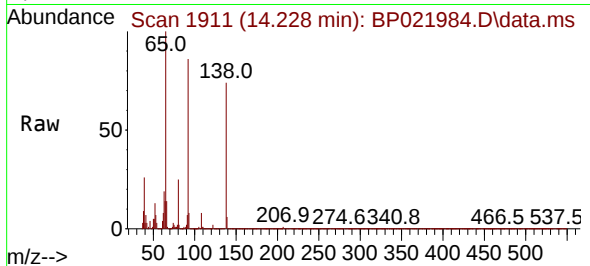
#53
3-Nitroaniline
Concen: 30.440 ng
RT: 14.228 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Tgt Ion:138 Resp: 109748
Ion Ratio Lower Upper
138 100
108 11.5 9.0 13.4
92 115.5 92.8 139.2

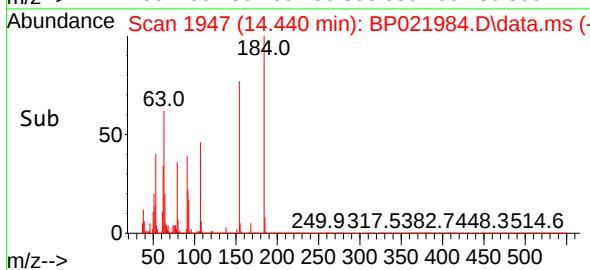
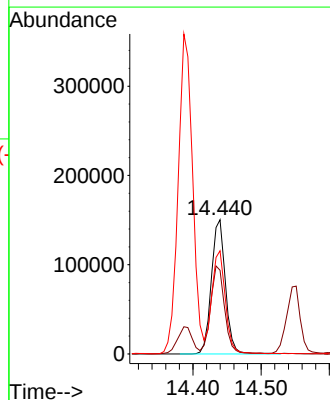
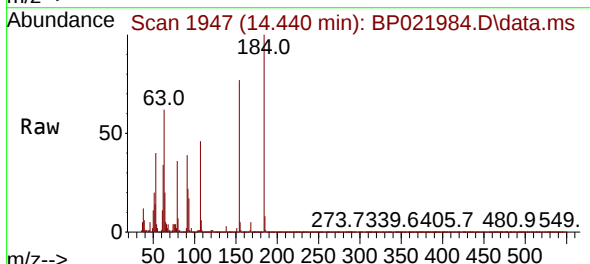
Manual Integrations
APPROVED

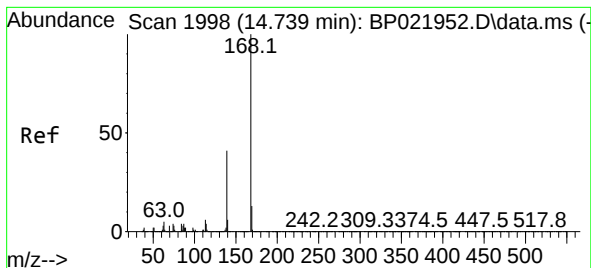
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#54
2,4-Dinitrophenol
Concen: 91.166 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:184 Resp: 216085
Ion Ratio Lower Upper
184 100
63 62.3 49.0 73.6
154 76.9 58.1 87.1





#55
Dibenzenofuran
Concen: 42.354 ng
RT: 14.728 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

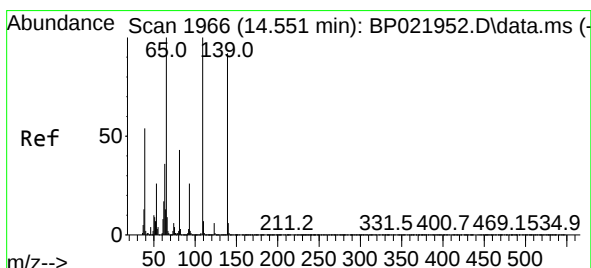
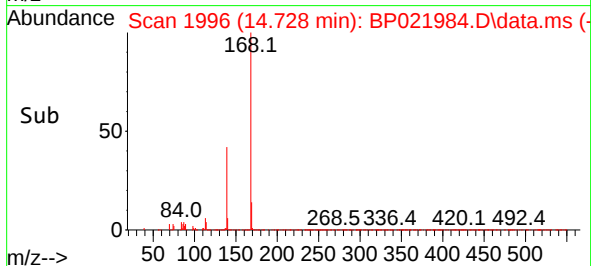
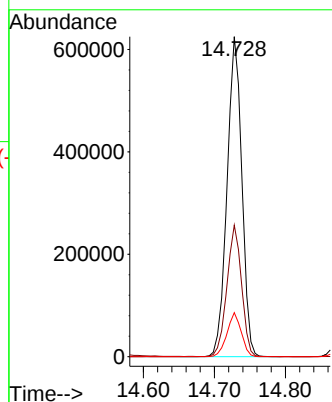
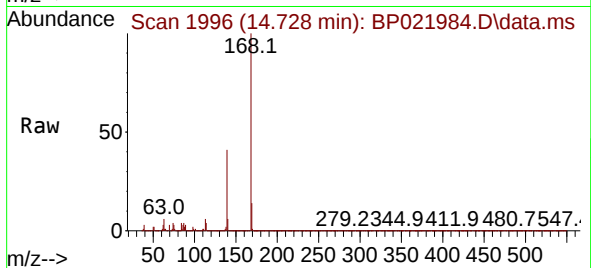
PB163571BS

Tgt Ion:168 Resp: 902235
Ion Ratio Lower Upper
168 100
139 41.1 33.0 49.4
169 13.8 10.7 16.1

Manual Integrations

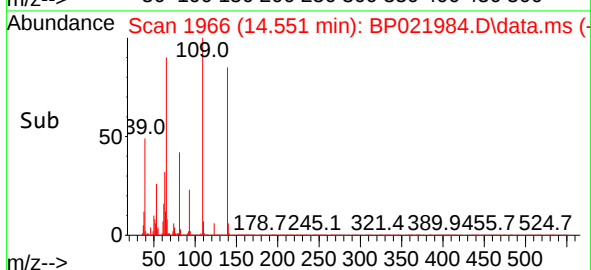
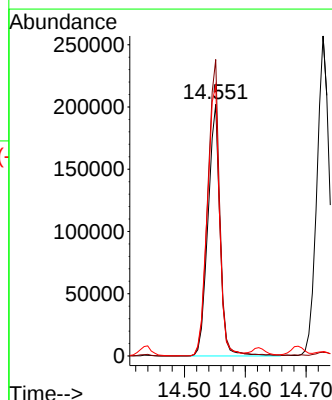
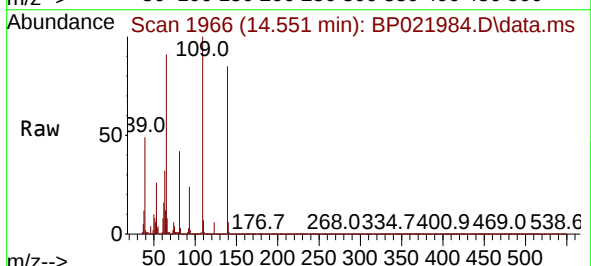
APPROVED

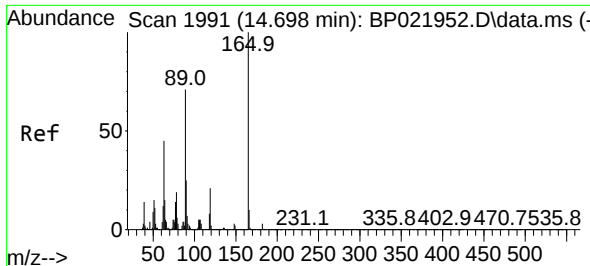
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#56
4-Nitrophenol
Concen: 88.408 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:139 Resp: 277437
Ion Ratio Lower Upper
139 100
109 117.9 88.6 128.6
65 107.6 88.7 128.7





#57
2,4-Dinitrotoluene
Concen: 41.395 ng
RT: 14.687 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

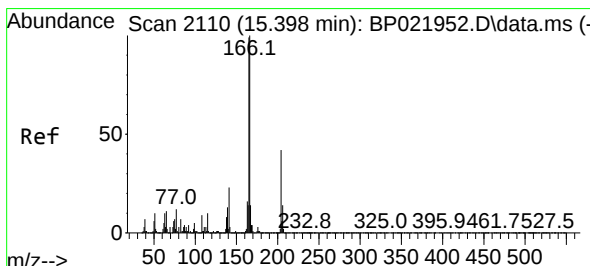
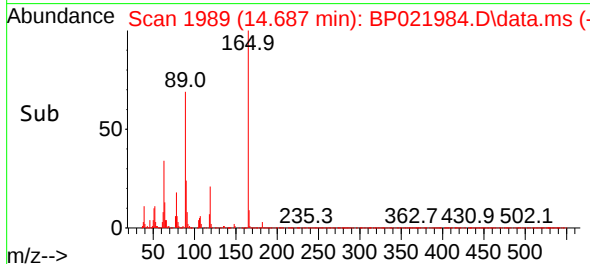
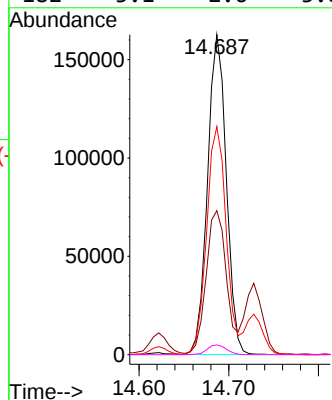
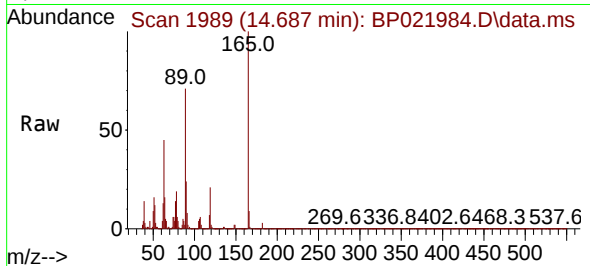
ClientSampleId :

PB163571BS

Tgt Ion:165 Resp: 236733
Ion Ratio Lower Upper
165 100
63 45.0 36.3 54.5
89 71.3 57.2 85.8
182 3.1 2.6 3.8

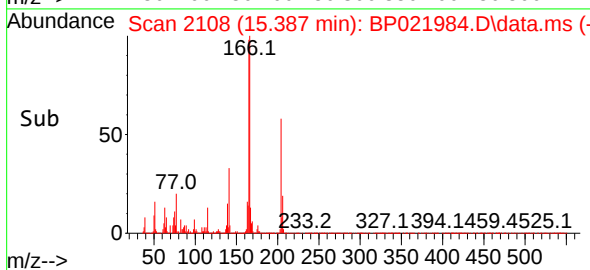
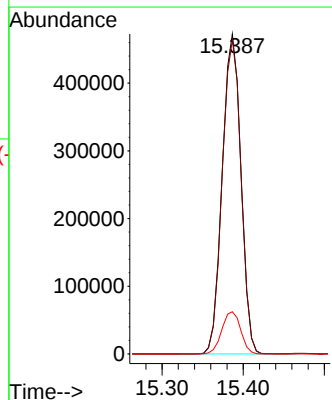
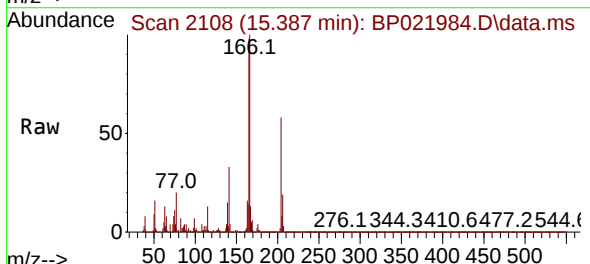
Manual Integrations
APPROVED

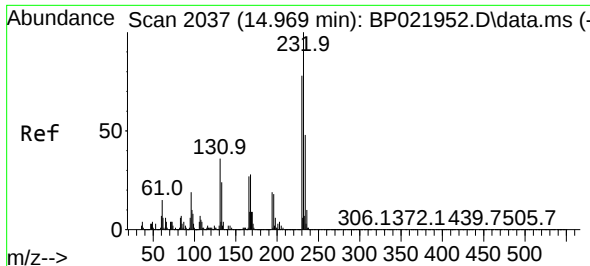
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#58
Fluorene
Concen: 42.503 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:166 Resp: 756118
Ion Ratio Lower Upper
166 100
165 98.1 79.4 119.2
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.351 ng
RT: 14.957 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

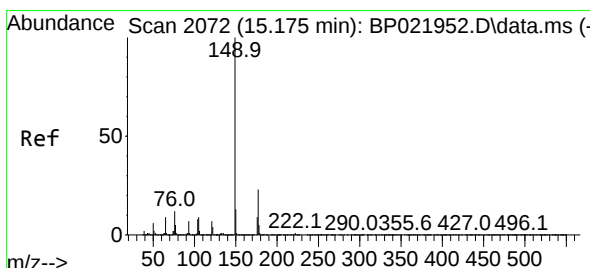
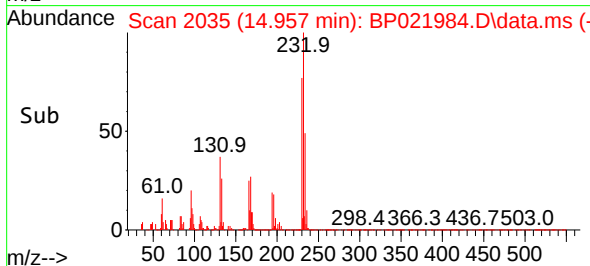
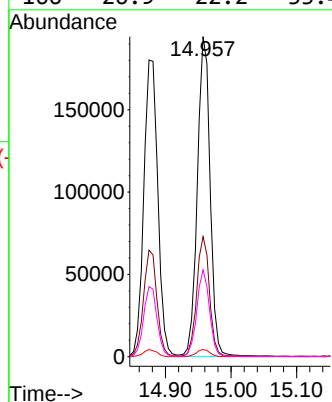
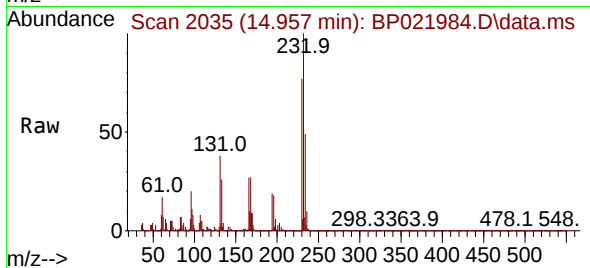
PB163571BS

Tgt Ion:232 Resp: 263919
Ion Ratio Lower Upper
232 100
131 37.2 30.2 45.4
130 2.4 1.9 2.9
166 26.9 22.2 33.4

Manual Integrations

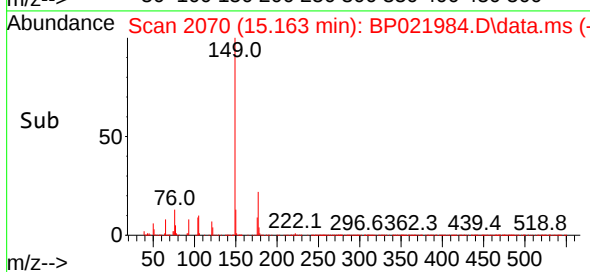
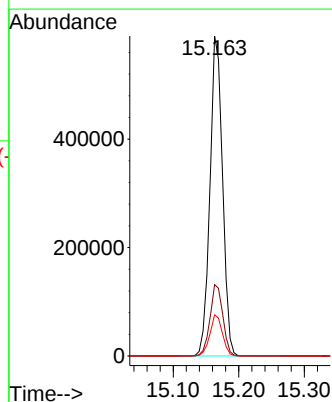
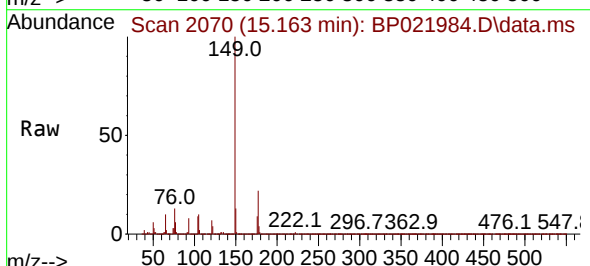
APPROVED

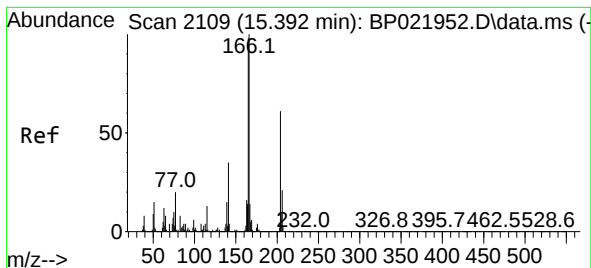
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#60
Diethylphthalate
Concen: 42.667 ng
RT: 15.163 min Scan# 2070
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

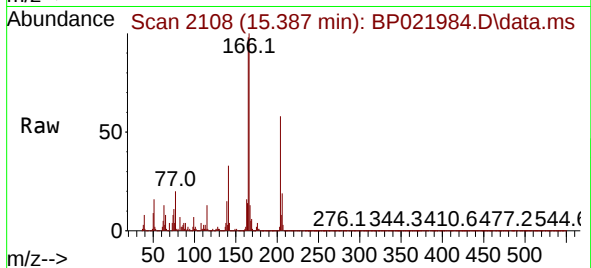
Tgt Ion:149 Resp: 787120
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.4
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.732 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

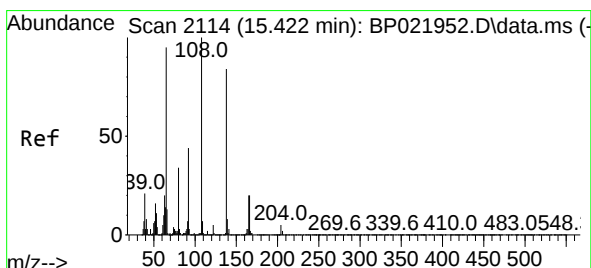
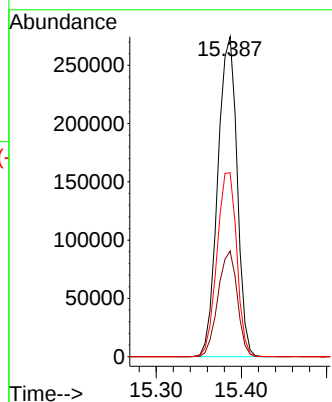
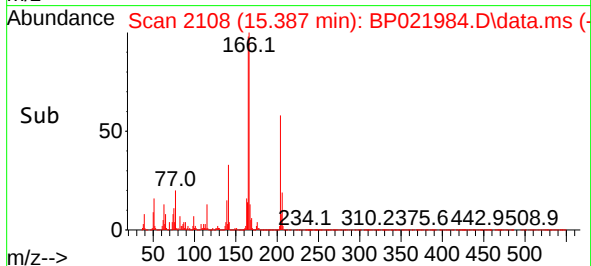
Instrument :
BNA_P
ClientSampleId :
PB163571BS



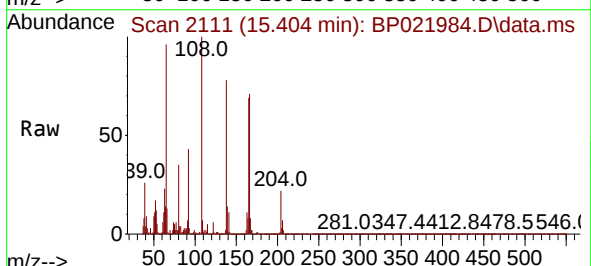
Tgt Ion:204 Resp: 432219
Ion Ratio Lower Upper
204 100
206 33.0 27.3 40.9
141 57.5 45.7 68.5

Manual Integrations
APPROVED

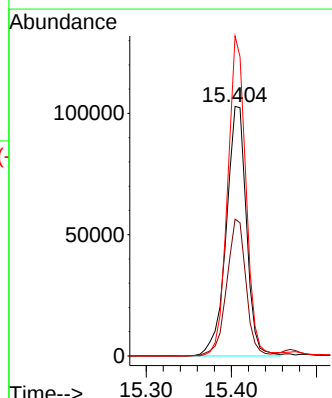
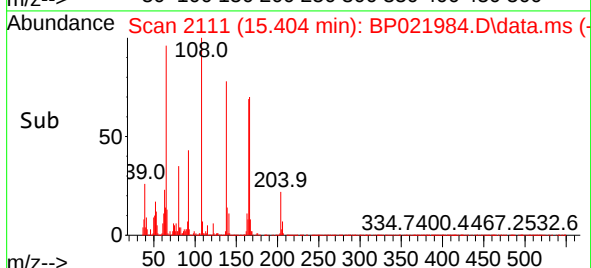
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

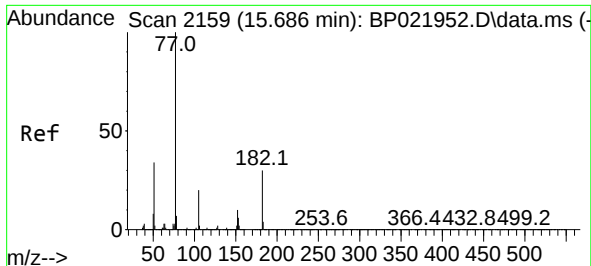


#62
4-Nitroaniline
Concen: 42.604 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09



Tgt Ion:138 Resp: 168902
Ion Ratio Lower Upper
138 100
92 54.8 32.6 72.6
108 128.2 98.6 138.6





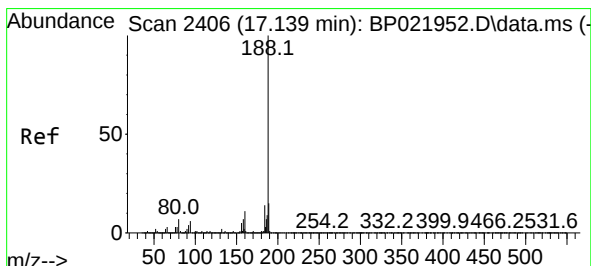
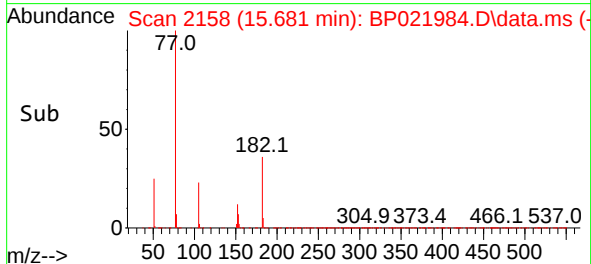
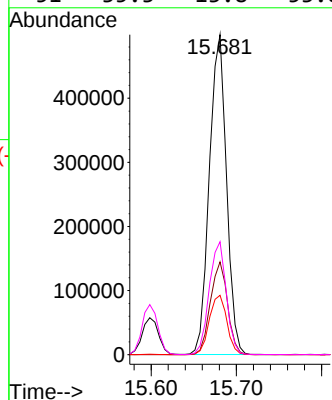
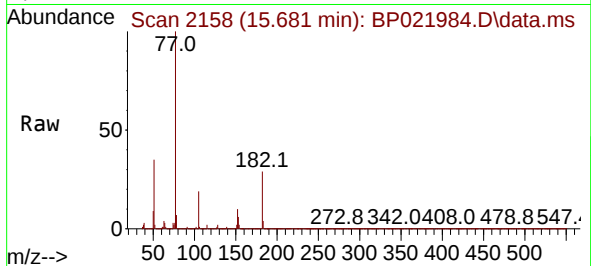
#63
Azobenzene
Concen: 45.757 ng
RT: 15.681 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Tgt Ion: 77	Resp: 69855
Ion Ratio	Lower Upper
77 100	
182 29.0	9.6 49.6
105 18.5	0.0 39.8
51 35.3	13.8 53.8

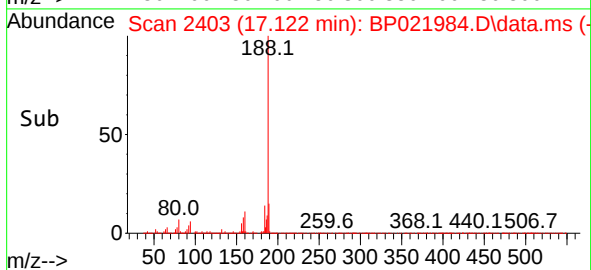
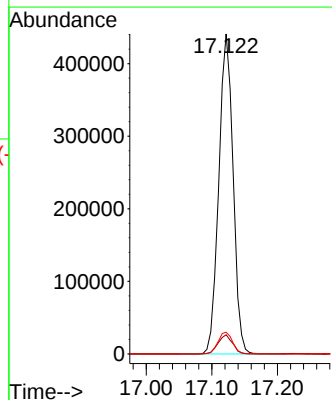
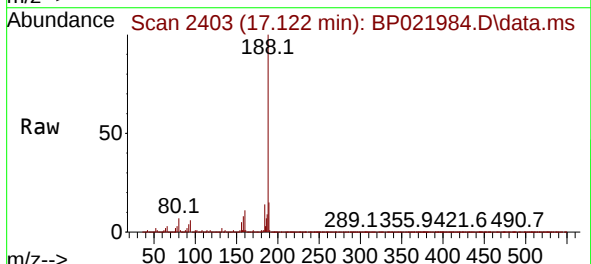
Manual Integrations
APPROVED

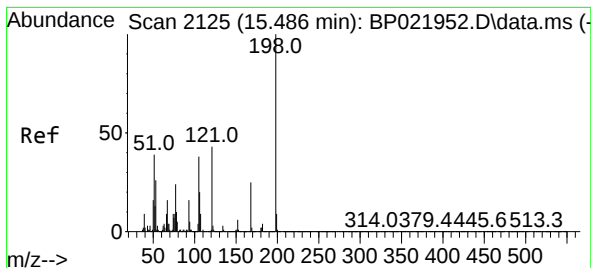
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.122 min Scan# 2403
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:188	Resp: 664200
Ion Ratio	Lower Upper
188 100	
94 6.0	4.6 6.8
80 6.8	5.4 8.2





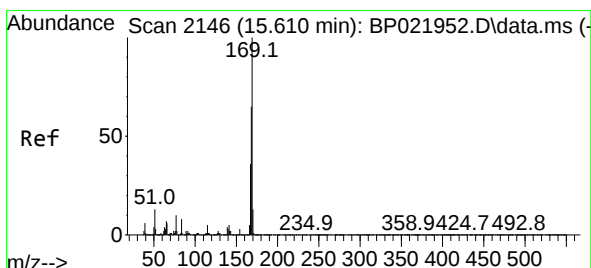
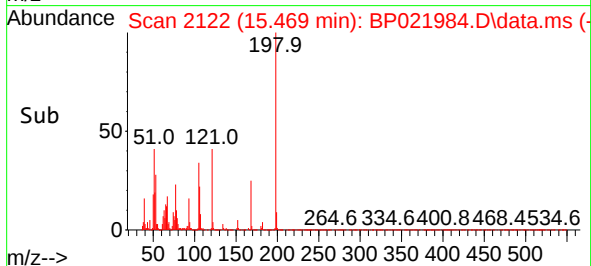
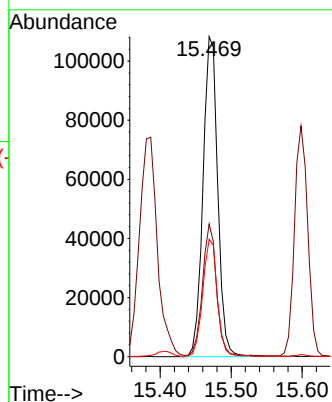
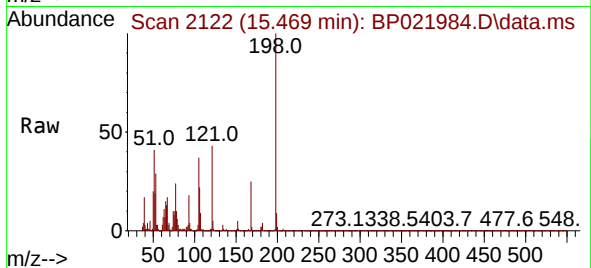
#65
4,6-Dinitro-2-methylphenol
Concen: 40.638 ng
RT: 15.469 min Scan# 2112
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Tgt Ion:198 Resp: 156452
Ion Ratio Lower Upper
198 100
51 41.5 20.7 60.7
105 36.6 18.4 58.4

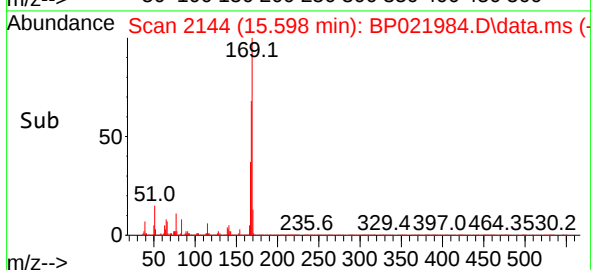
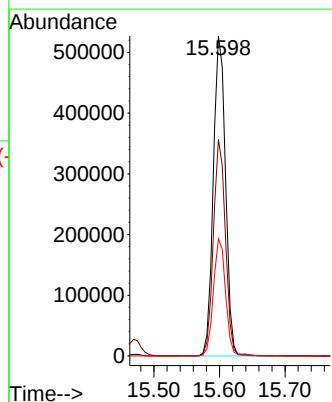
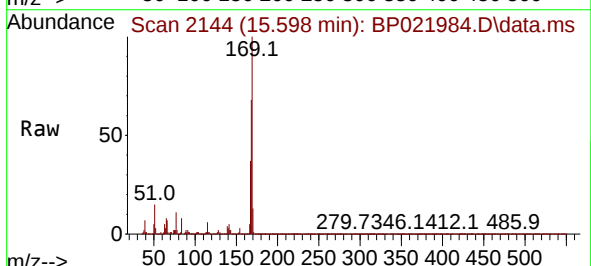
Manual Integrations
APPROVED

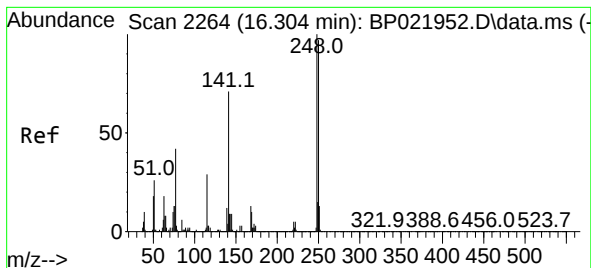
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#66
n-Nitrosodiphenylamine
Concen: 41.153 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:169 Resp: 680611
Ion Ratio Lower Upper
169 100
168 67.7 52.2 78.4
167 36.7 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 40.426 ng
RT: 16.292 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

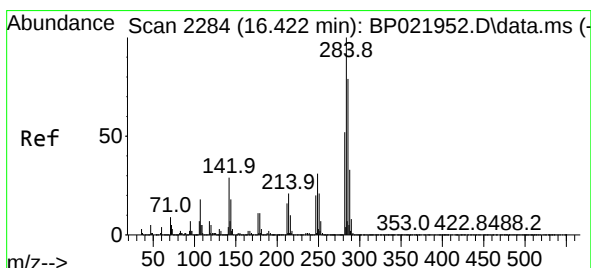
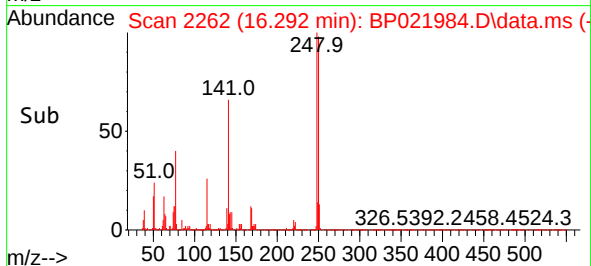
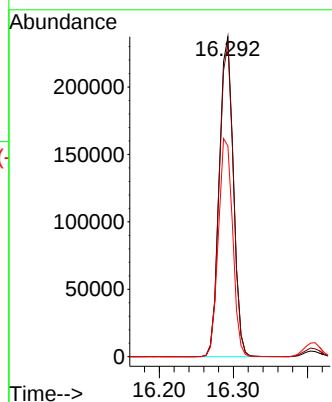
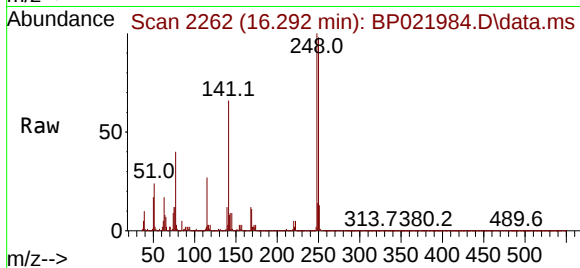
PB163571BS

Tgt Ion:248 Resp: 31300
Ion Ratio Lower Upper
248 100
250 97.9 77.5 116.3
141 65.8 56.5 84.7

Manual Integrations

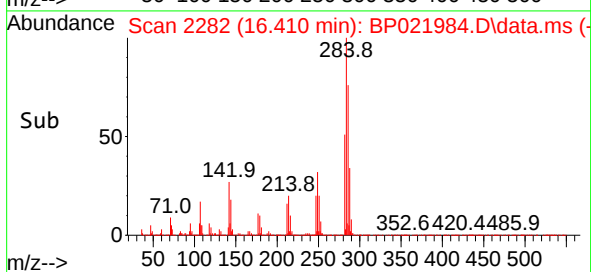
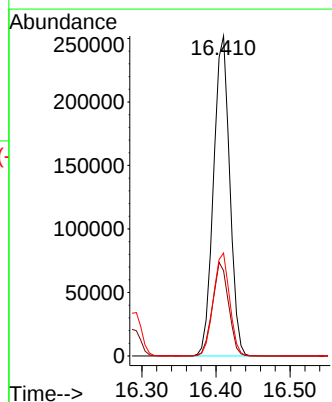
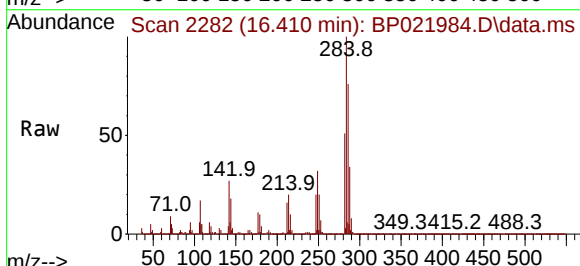
APPROVED

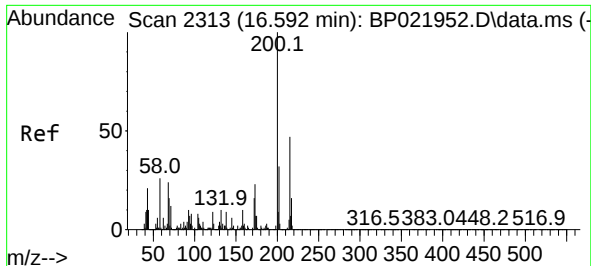
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#68
Hexachlorobenzene
Concen: 39.544 ng
RT: 16.410 min Scan# 2282
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

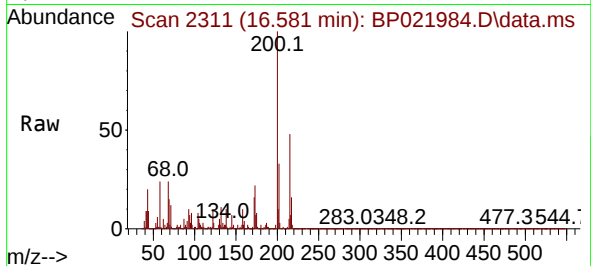
Tgt Ion:284 Resp: 381733
Ion Ratio Lower Upper
284 100
142 26.6 22.9 34.3
249 32.2 25.2 37.8





#69
Atrazine
Concen: 52.044 ng
RT: 16.581 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

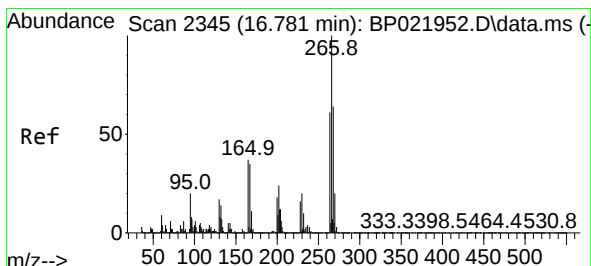
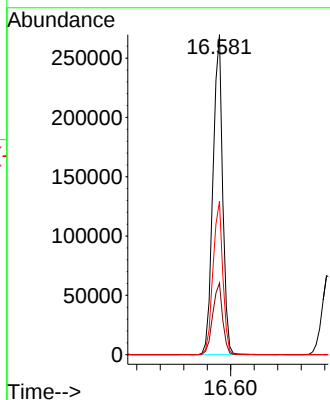
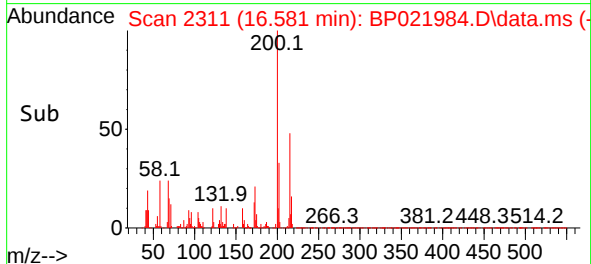
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:200 Resp: 30838
Ion Ratio Lower Upper
200 100
173 22.4 3.0 43.0
215 47.9 27.4 67.4

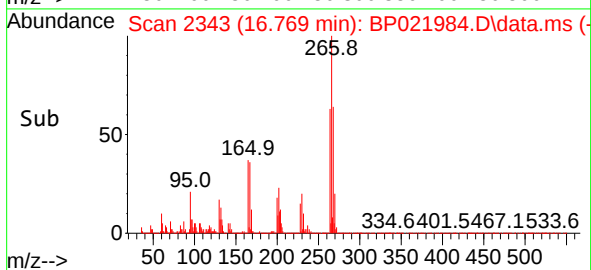
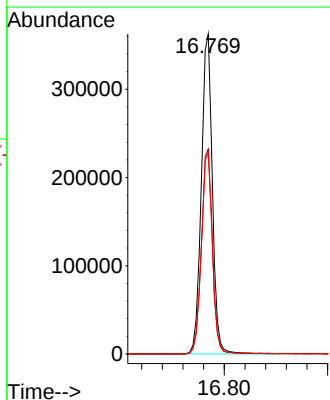
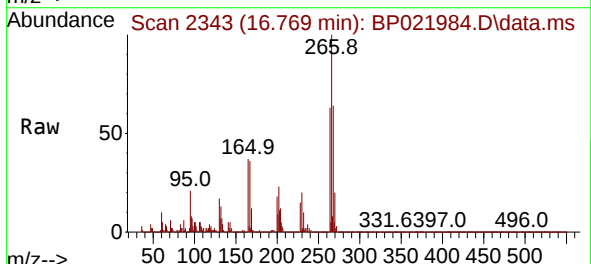
Manual Integrations
APPROVED

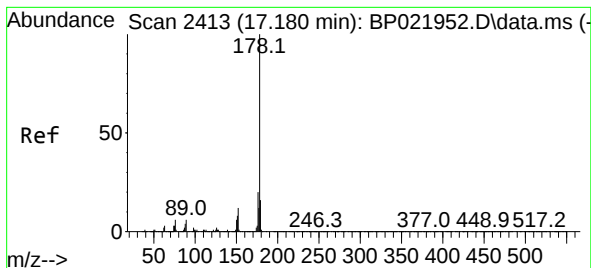
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#70
Pentachlorophenol
Concen: 82.722 ng
RT: 16.769 min Scan# 2343
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:266 Resp: 537243
Ion Ratio Lower Upper
266 100
268 64.0 51.1 76.7
264 63.0 48.6 72.8





#71

Phenanthrene

Concen: 42.010 ng

RT: 17.169 min Scan# 2411

Delta R.T. -0.012 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

Tgt Ion:178 Resp: 1339440

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

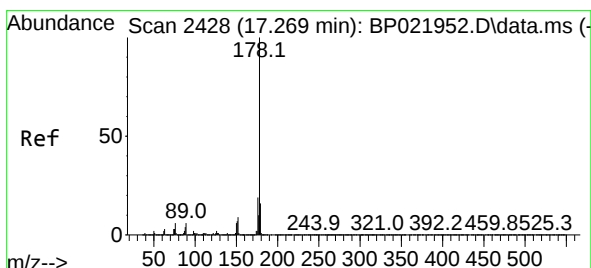
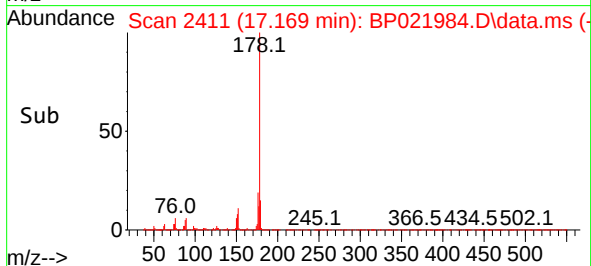
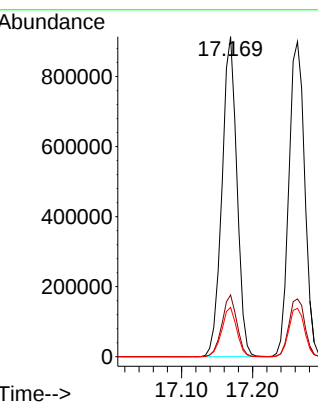
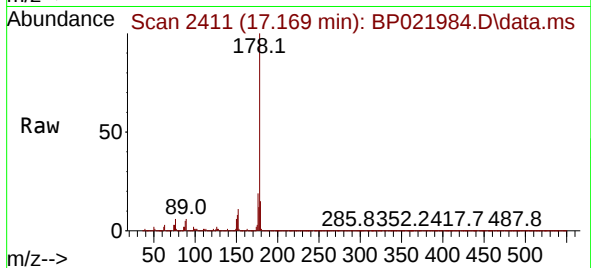
179 15.4 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#72

Anthracene

Concen: 44.840 ng

RT: 17.263 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

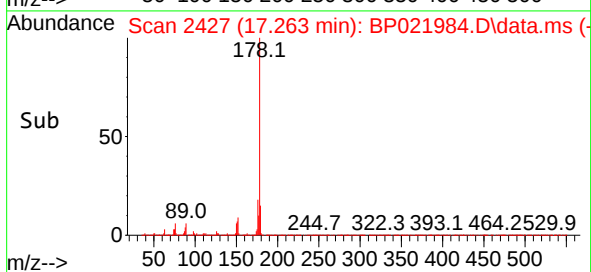
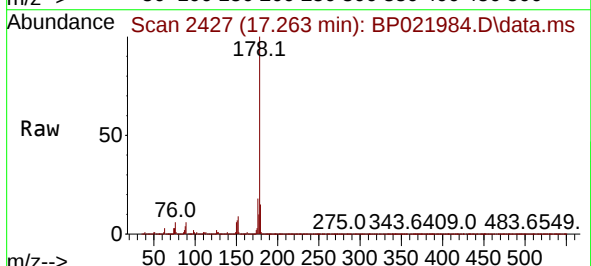
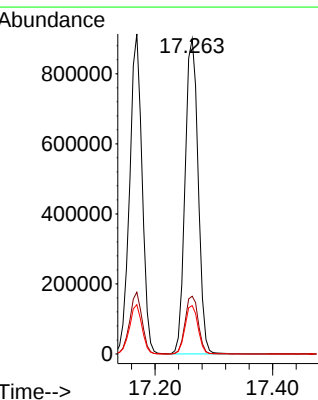
Tgt Ion:178 Resp: 1383960

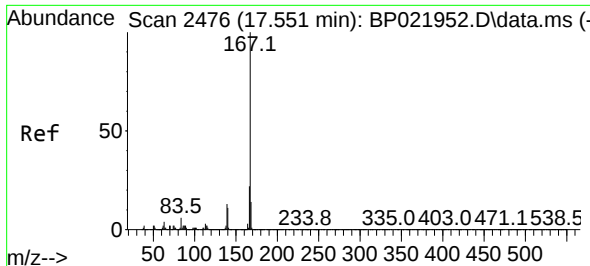
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

179 15.3 12.6 18.8





#73
 Carbazole
 Concen: 42.210 ng
 RT: 17.539 min Scan# 2476
 Delta R.T. -0.012 min
 Lab File: BP021984.D
 Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

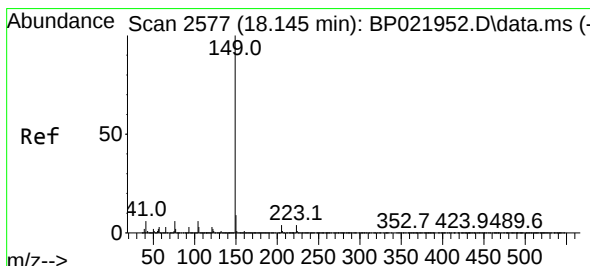
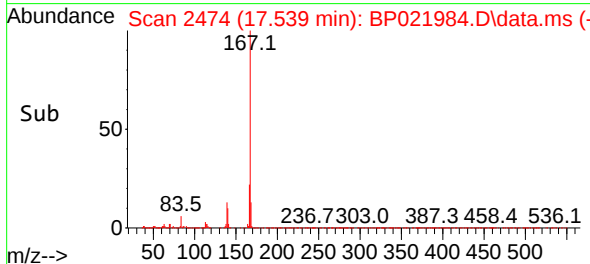
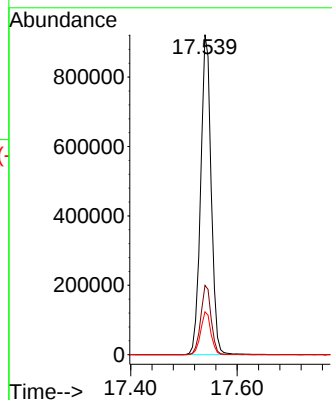
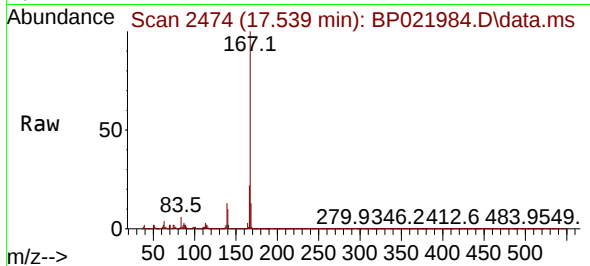
ClientSampleId :

PB163571BS

Tgt Ion:167 Resp: 1258290
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.4 10.5 15.7

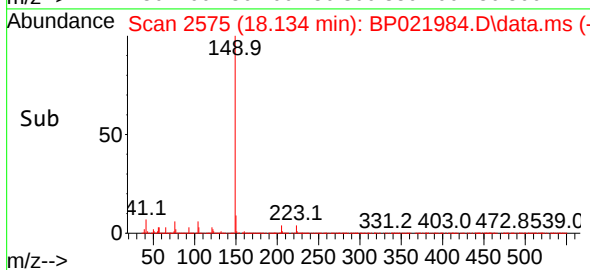
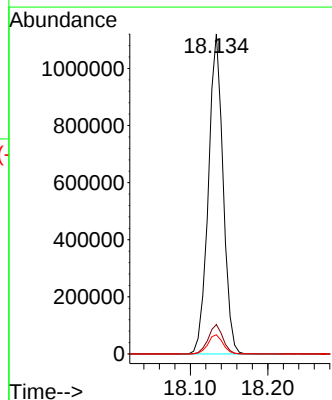
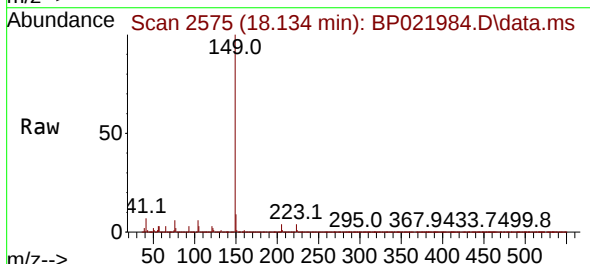
Manual Integrations
 APPROVED

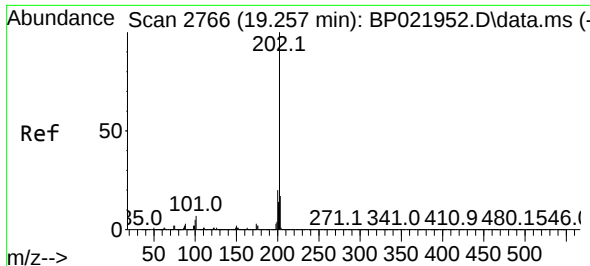
Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024



#74
 Di-n-butylphthalate
 Concen: 42.041 ng
 RT: 18.134 min Scan# 2575
 Delta R.T. -0.012 min
 Lab File: BP021984.D
 Acq: 23 Sep 2024 16:09

Tgt Ion:149 Resp: 1471923
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.0 4.6 6.8





#75
Fluoranthene
Concen: 42.109 ng
RT: 19.245 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

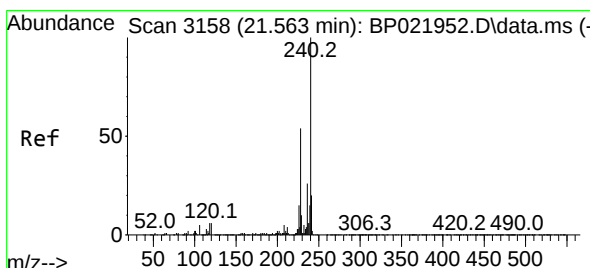
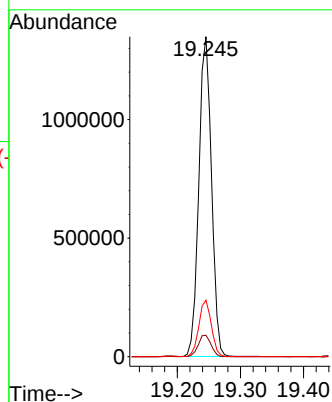
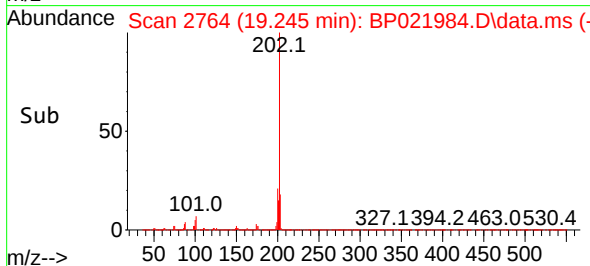
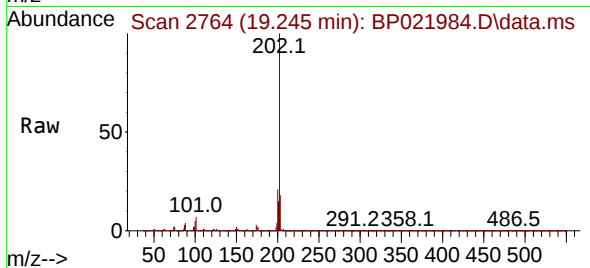
Tgt Ion:202 Resp: 1873994
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.5
203 17.6 0.0 37.3

Manual Integrations

APPROVED

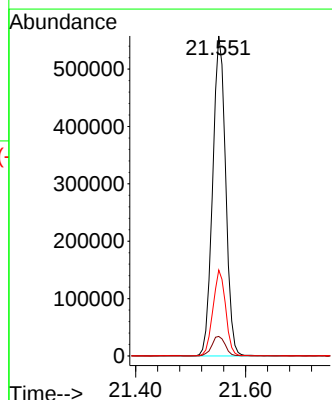
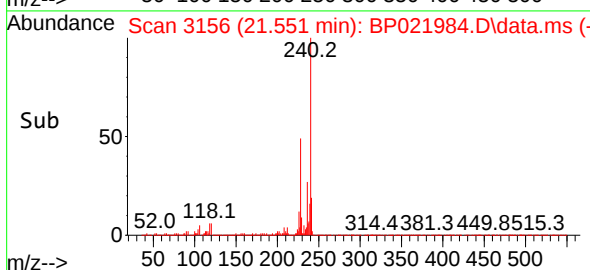
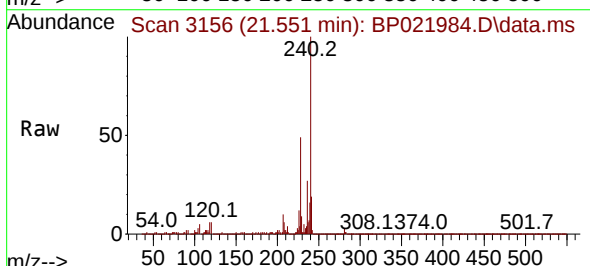
Reviewed By :Yogesh Patel 09/25/2024

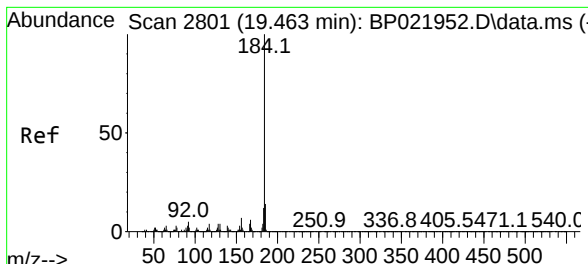
Supervised By :mohammad ahmed 09/25/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3156
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

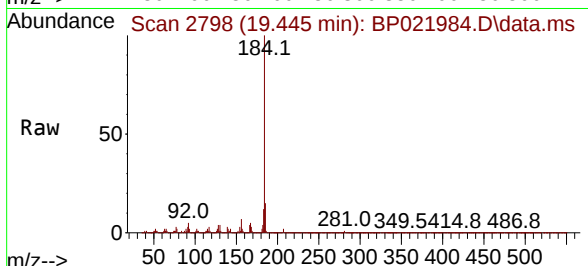
Tgt Ion:240 Resp: 916192
Ion Ratio Lower Upper
240 100
120 6.1 5.1 7.7
236 26.9 20.7 31.1





#77
Benzidine
Concen: 79.753 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

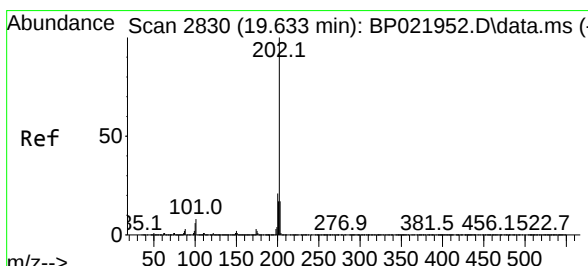
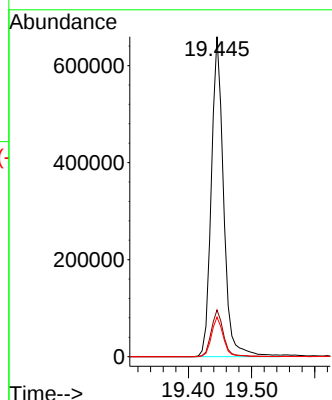
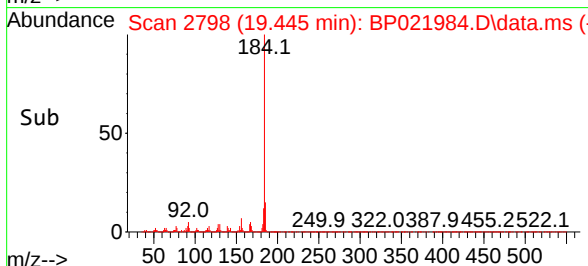
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:184 Resp: 892938
Ion Ratio Lower Upper
184 100
185 14.6 10.9 16.3
183 12.3 9.2 13.8

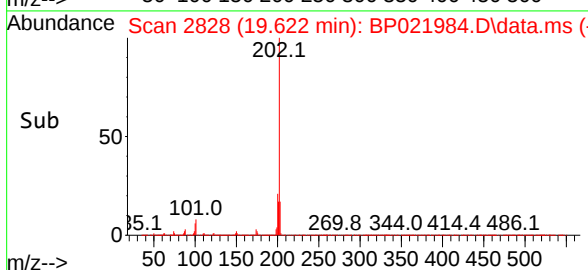
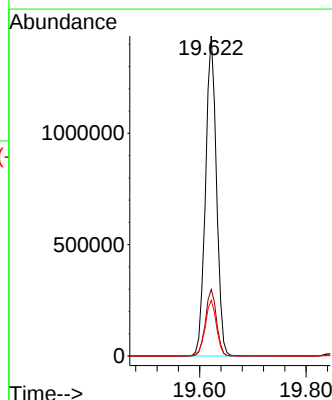
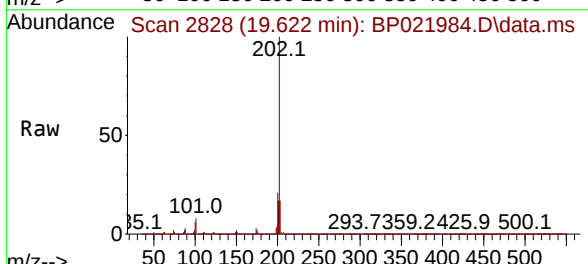
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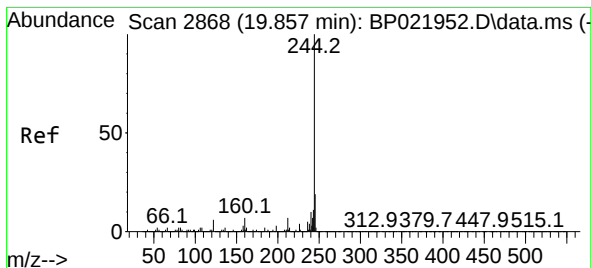
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#78
Pyrene
Concen: 36.793 ng
RT: 19.622 min Scan# 2828
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:202 Resp: 2039206
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 76.991 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

Tgt Ion:244 Resp: 375506

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

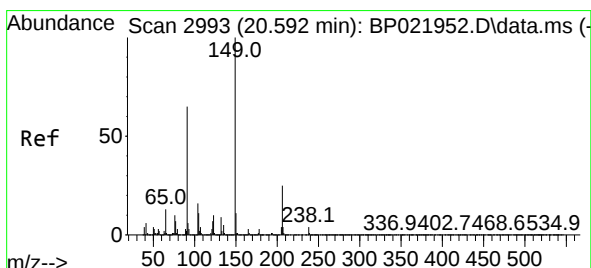
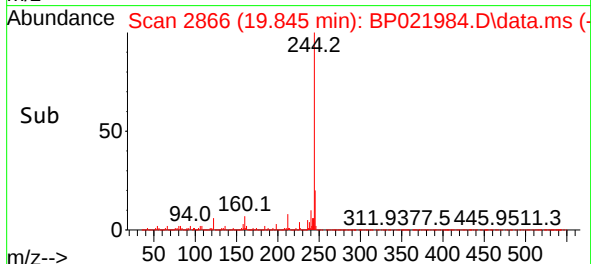
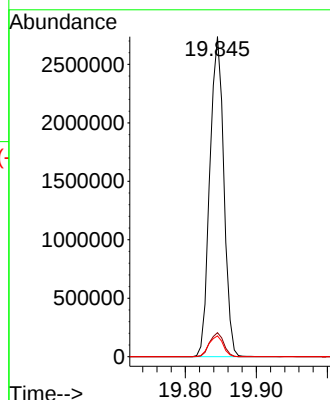
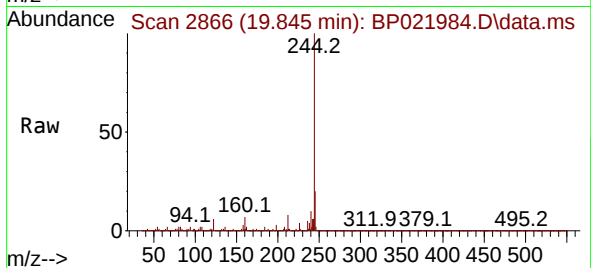
122 6.5 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#80

Butylbenzylphthalate

Concen: 40.094 ng

RT: 20.575 min Scan# 2990

Delta R.T. -0.017 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

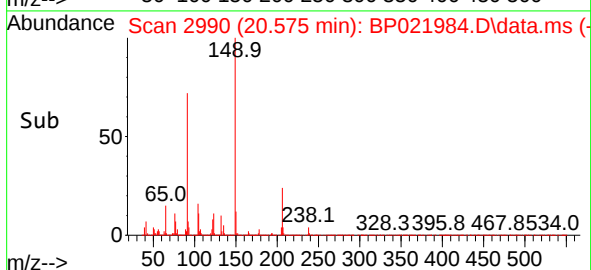
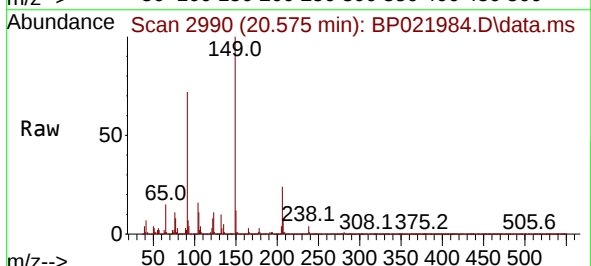
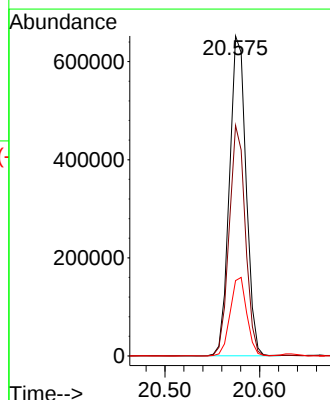
Tgt Ion:149 Resp: 792577

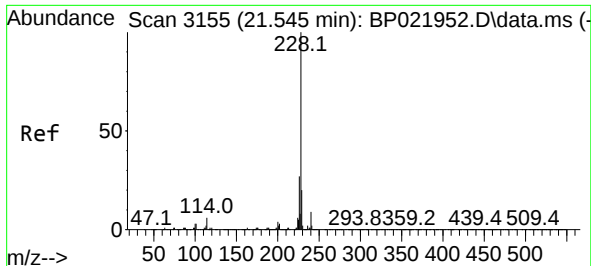
Ion Ratio Lower Upper

149 100

91 72.0 51.9 77.9

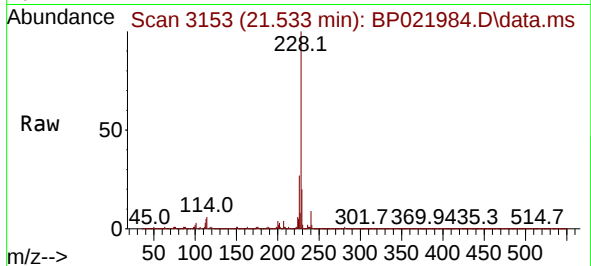
206 23.5 20.1 30.1





#81
Benzo(a)anthracene
Concen: 41.348 ng
RT: 21.533 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

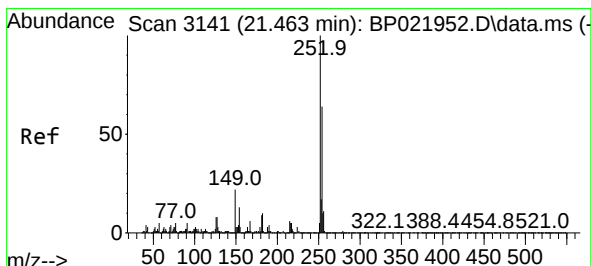
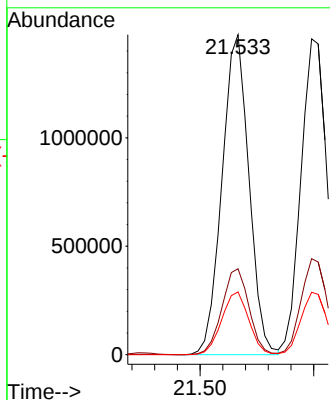
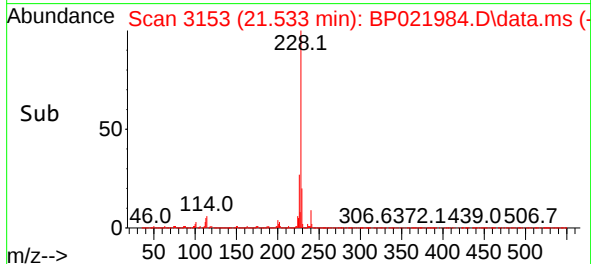
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:228 Resp: 2434215
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 19.6 15.7 23.5

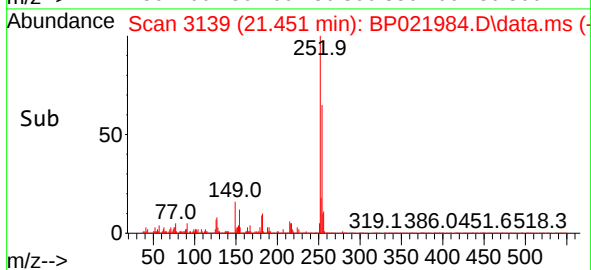
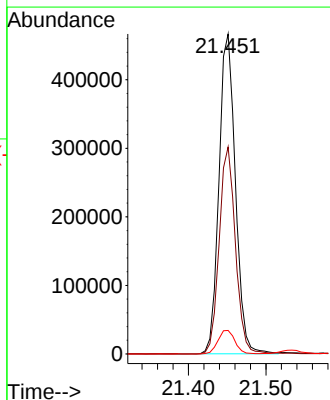
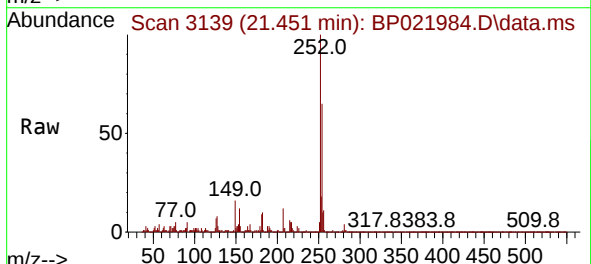
Manual Integrations
APPROVED

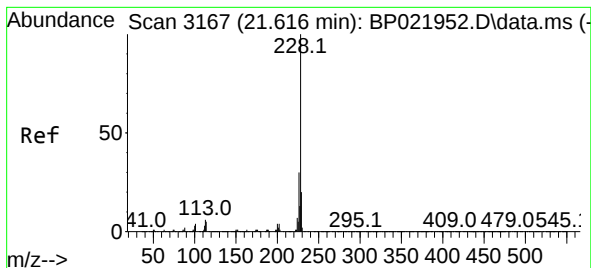
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#82
3,3'-Dichlorobenzidine
Concen: 32.289 ng
RT: 21.451 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:252 Resp: 689701
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.2
126 7.4 6.2 9.4





#83

Chrysene

Concen: 41.668 ng

RT: 21.598 min Scan# 3164

Delta R.T. -0.017 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

Tgt Ion:228 Resp: 2309659

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

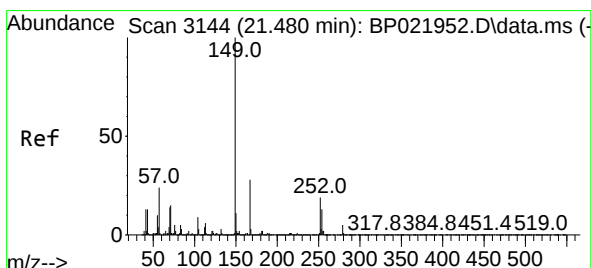
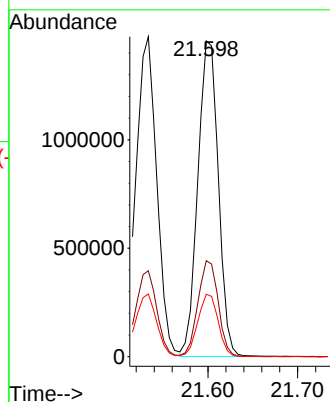
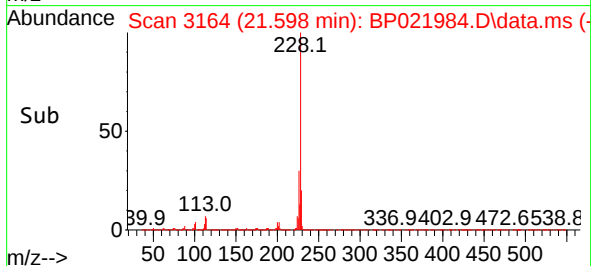
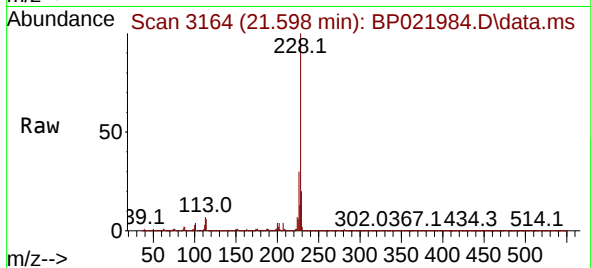
229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.239 ng

RT: 21.475 min Scan# 3143

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

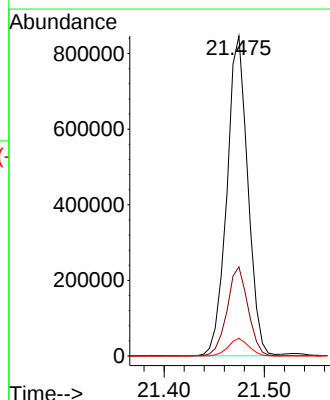
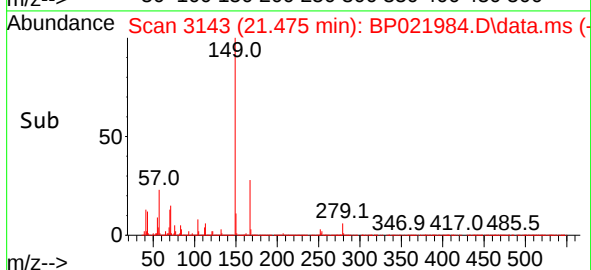
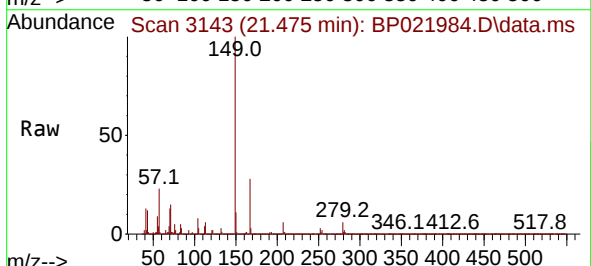
Tgt Ion:149 Resp: 1225482

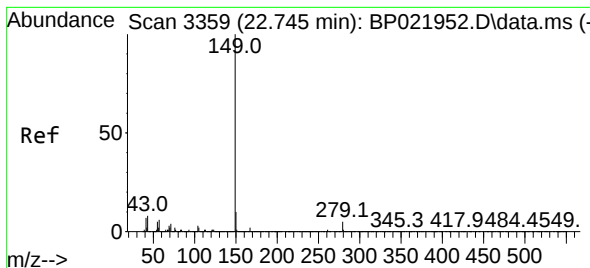
Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

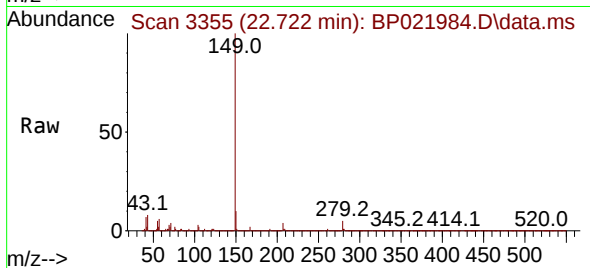
279 5.5 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 45.427 ng
RT: 22.722 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

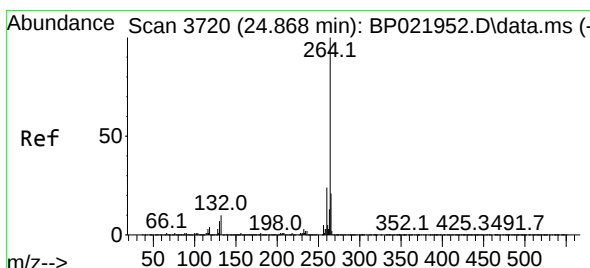
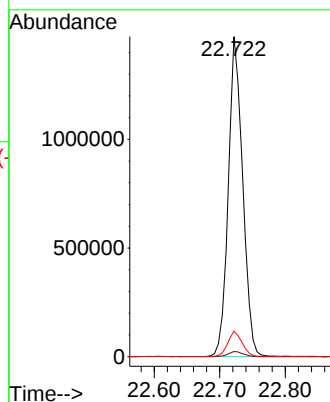
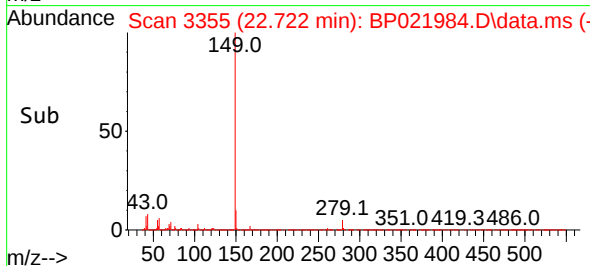
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:149 Resp: 2238499
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 7.9 6.2 9.4

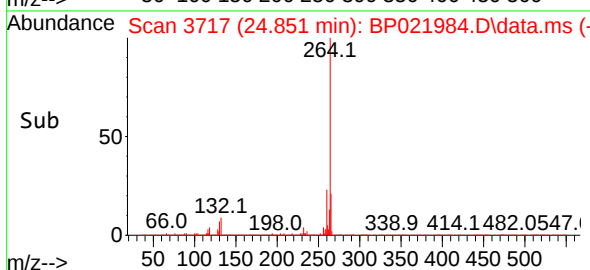
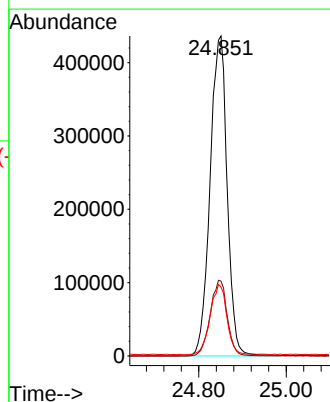
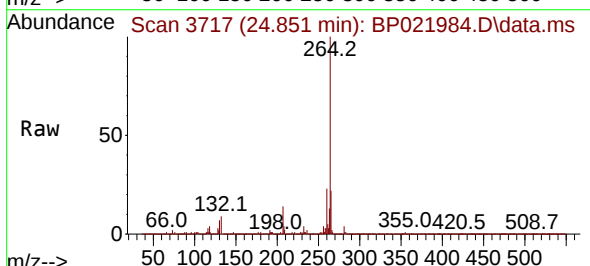
Manual Integrations
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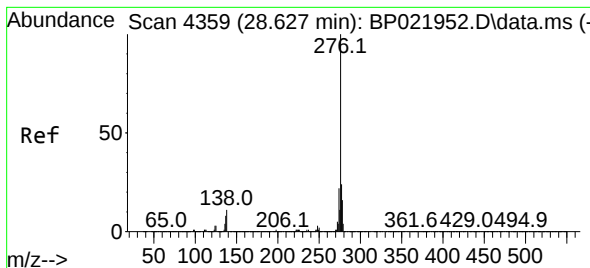
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.851 min Scan# 3717
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:264 Resp: 1182765
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.900 ng

RT: 28.586 min Scan# 41

Delta R.T. -0.041 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

Tgt Ion:276 Resp: 3296089

Ion Ratio Lower Upper

276 100

138 9.5 7.8 11.8

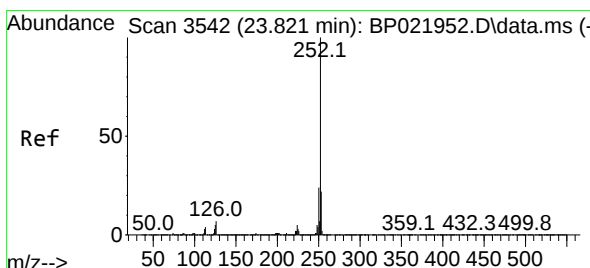
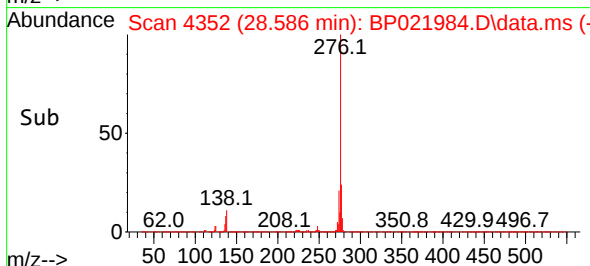
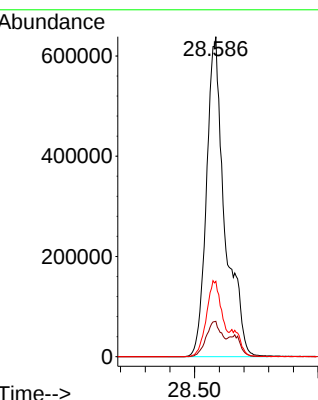
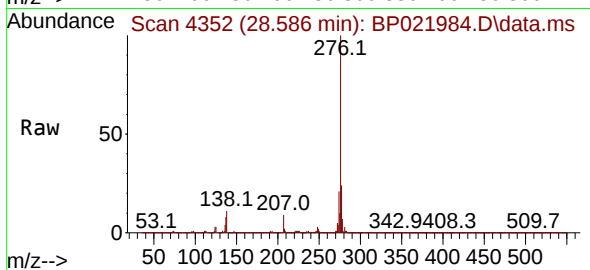
277 20.6 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#88

Benzo(b)fluoranthene

Concen: 39.697 ng

RT: 23.804 min Scan# 3539

Delta R.T. -0.017 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

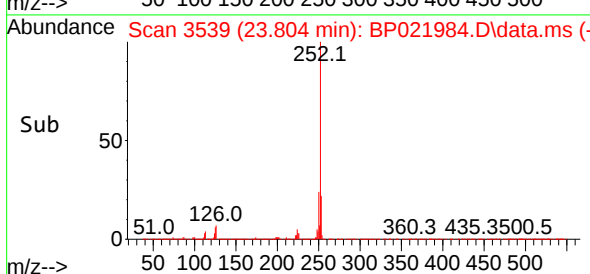
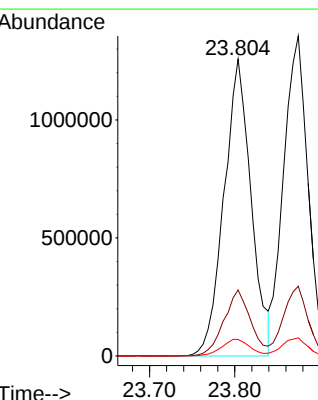
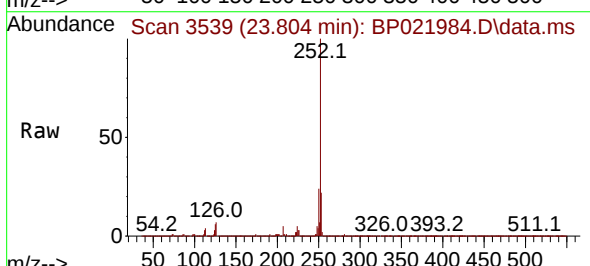
Tgt Ion:252 Resp: 2776804

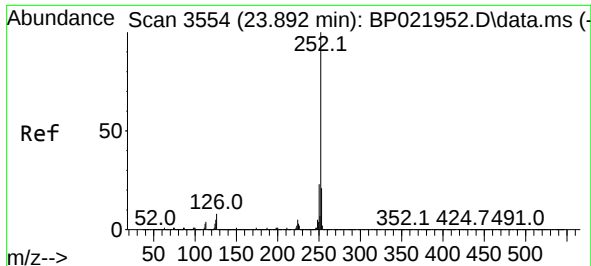
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

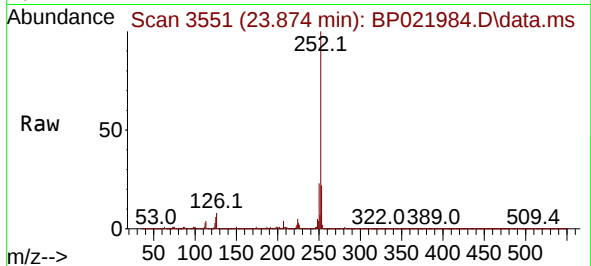
125 5.6 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 40.855 ng
RT: 23.874 min Scan# 3554
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

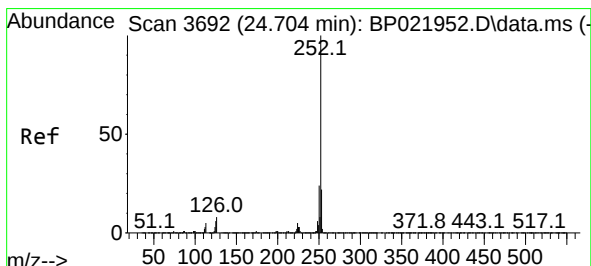
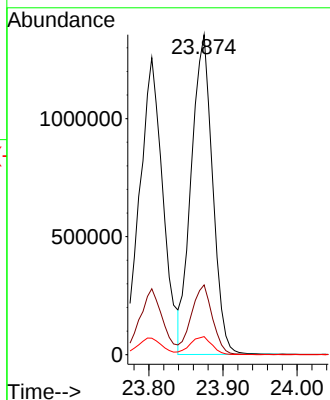
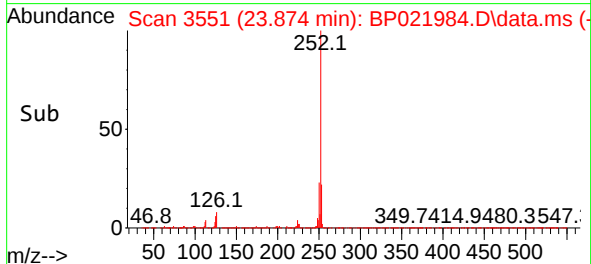
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:252 Resp: 270446
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 5.6 4.3 6.5

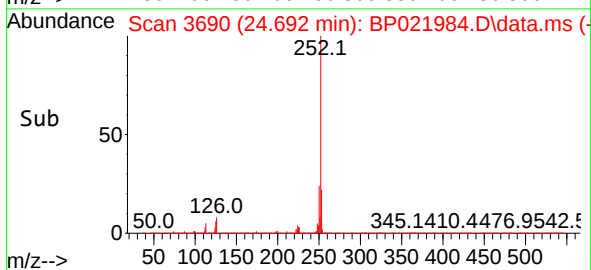
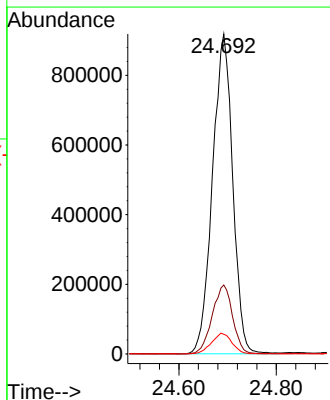
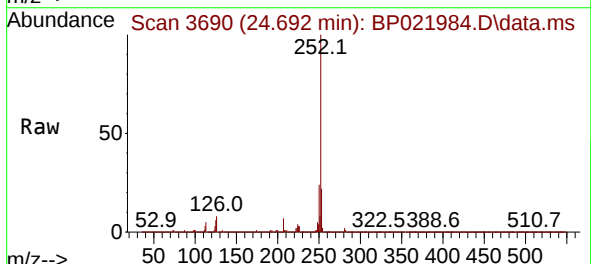
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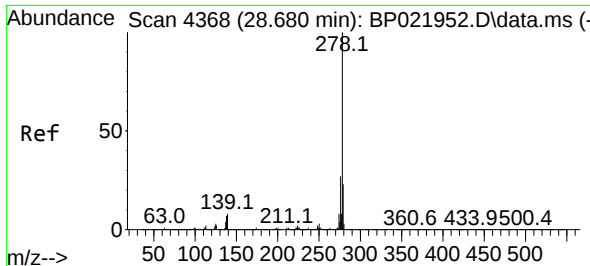
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#90
Benzo(a)pyrene
Concen: 43.898 ng
RT: 24.692 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:252 Resp: 2645249
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 6.1 5.0 7.6





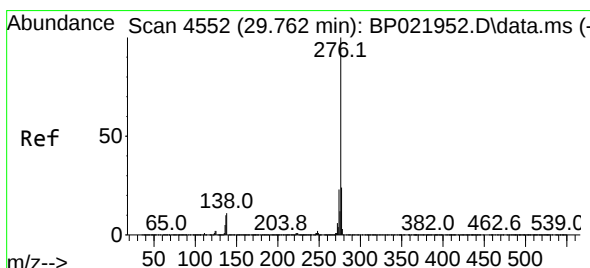
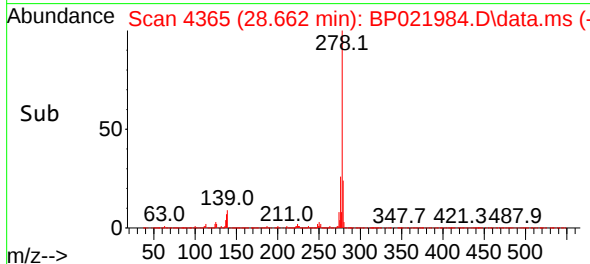
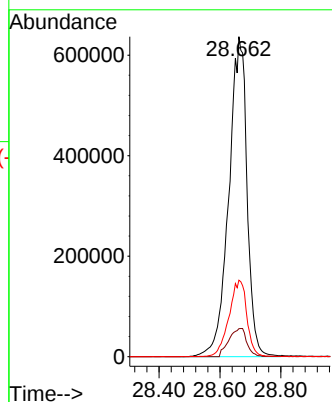
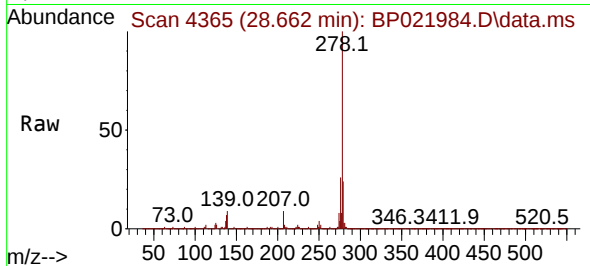
#91
Dibenzo(a,h)anthracene
Concen: 40.868 ng
RT: 28.662 min Scan# 41
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Tgt Ion:278 Resp: 265334
Ion Ratio Lower Upper
278 100
139 8.8 6.6 10.0
279 23.9 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#92
Benzo(g,h,i)perylene
Concen: 37.935 ng
RT: 29.745 min Scan# 4549
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:276 Resp: 2522903
Ion Ratio Lower Upper
276 100
277 23.5 19.3 28.9
138 11.9 9.2 13.8

