

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021987.D
 Acq On : 23 Sep 2024 18:11
 Operator : RC/JU
 Sample : PB163555BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

PB163555BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 23 18:43:41 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	7.710	152	63250	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	243857	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	186411	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	463872	20.000	ng	-0.02
76) Chrysene-d12	21.557	240	558652	20.000	ng	0.00
86) Perylene-d12	24.845	264	716164	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	467778	138.985	ng	0.00
7) Phenol-d6	6.899	99	557963	127.703	ng	0.00
23) Nitrobenzene-d5	8.852	82	419009	90.919	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	510994	147.864	ng	-0.02
45) 2-Fluorobiphenyl	12.940	172	1149609	90.025	ng	0.00
79) Terphenyl-d14	19.857	244	2771855	93.204	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	50764	36.324	ng	98
3) Pyridine	3.658	79	130163	34.921	ng	95
4) n-Nitrosodimethylamine	3.564	42	95783	48.714	ng	86
6) Aniline	7.046	93	158284	41.226	ng	95
8) 2-Chlorophenol	7.281	128	171717	47.714	ng	94
9) Benzaldehyde	6.863	77	29418m	12.877	ng	
10) Phenol	6.922	94	196431	45.265	ng	95
11) bis(2-Chloroethyl)ether	7.140	93	142317	43.537	ng	97
12) 1,3-Dichlorobenzene	7.605	146	204195	44.941	ng	98
13) 1,4-Dichlorobenzene	7.746	146	206339	44.779	ng	97
14) 1,2-Dichlorobenzene	8.057	146	197089	44.563	ng	98
15) Benzyl Alcohol	7.946	79	162066	48.366	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.228	45	163130	46.789	ng	98
17) 2-Methylphenol	8.152	107	137851	47.022	ng	96
18) Hexachloroethane	8.781	117	80973	47.790	ng	99
19) n-Nitroso-di-n-propyla...	8.510	70	121211	44.633	ng	92
20) 3+4-Methylphenols	8.475	107	187531	45.314	ng	97
22) Acetophenone	8.522	105	260615	43.811	ng	# 96
24) Nitrobenzene	8.893	77	208036	44.451	ng	97
25) Isophorone	9.422	82	332906	43.815	ng	99
26) 2-Nitrophenol	9.593	139	93659	45.769	ng	91
27) 2,4-Dimethylphenol	9.657	122	139337	58.805	ng	99
28) bis(2-Chloroethoxy)met...	9.887	93	198761	43.629	ng	99
29) 2,4-Dichlorophenol	10.128	162	193619	48.141	ng	97
30) 1,2,4-Trichlorobenzene	10.340	180	225061	44.925	ng	99
31) Naphthalene	10.522	128	562001	46.187	ng	99
32) Benzoic acid	9.799	122	107812	38.919	ng	98
33) 4-Chloroaniline	10.634	127	94555	21.544	ng	99
34) Hexachlorobutadiene	10.810	225	185440	47.317	ng	98
35) Caprolactam	11.404	113	49130m	41.047	ng	
36) 4-Chloro-3-methylphenol	11.751	107	195252	45.251	ng	96
37) 2-Methylnaphthalene	12.134	142	417457	46.892	ng	98
38) 1-Methylnaphthalene	12.351	142	392084	44.608	ng	99
40) 1,2,4,5-Tetrachloroben...	12.504	216	299400	45.907	ng	# 98
41) Hexachlorocyclopentadiene	12.481	237	443273	182.927	ng	98
43) 2,4,6-Trichlorophenol	12.740	196	183923	45.946	ng	97

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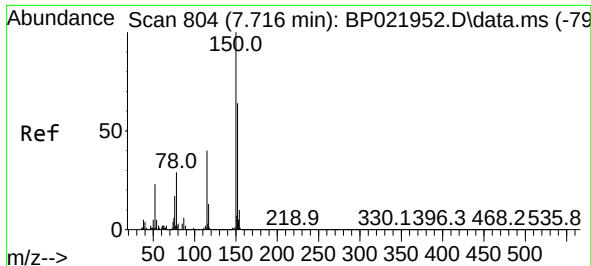
Manual Integrations
 APPROVED

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

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 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	199503	44.428	ng	97
46) 1,1'-Biphenyl	13.145	154	579956	45.629	ng	99
47) 2-Chloronaphthalene	13.193	162	456621	44.430	ng	99
48) 2-Nitroaniline	13.387	65	135112	48.146	ng	94
49) Acenaphthylene	14.040	152	713484	49.199	ng	99
50) Dimethylphthalate	13.775	163	604450	44.708	ng	100
51) 2,6-Dinitrotoluene	13.892	165	129548	43.001	ng	93
52) Acenaphthene	14.392	154	441655	46.794	ng	99
53) 3-Nitroaniline	14.228	138	80452	29.964	ng	96
54) 2,4-Dinitrophenol	14.439	184	170267	96.460	ng	98
55) Dibenzofuran	14.734	168	761603	48.007	ng	100
56) 4-Nitrophenol	14.545	139	221937	94.965	ng	96
57) 2,4-Dinitrotoluene	14.692	165	192475	45.193	ng	90
58) Fluorene	15.392	166	630126	47.563	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	208130	48.024	ng	98
60) Diethylphthalate	15.157	149	636839	46.354	ng	100
61) 4-Chlorophenyl-phenyle...	15.387	204	362149	46.953	ng	98
62) 4-Nitroaniline	15.410	138	129970	44.022	ng	88
63) Azobenzene	15.686	77	580766	51.083	ng	96
65) 4,6-Dinitro-2-methylph...	15.463	198	123501	45.933	ng	97
66) n-Nitrosodiphenylamine	15.604	169	555289	48.076	ng	98
67) 4-Bromophenyl-phenylether	16.298	248	253289	46.841	ng	99
68) Hexachlorobenzene	16.422	284	312538	46.358	ng	98
69) Atrazine	16.581	200	240871	58.205	ng	99
70) Pentachlorophenol	16.769	266	425766	93.869	ng	99
71) Phenanthrene	17.163	178	1077652	48.396	ng	99
72) Anthracene	17.257	178	1100307	51.046	ng	99
73) Carbazole	17.539	167	1006746	48.357	ng	100
74) Di-n-butylphthalate	18.139	149	1138921	46.578	ng	99
75) Fluoranthene	19.257	202	1462668	47.060	ng	99
77) Benzidine	19.457	184	542683	79.491	ng	99
78) Pyrene	19.633	202	1573561	46.562	ng	99
80) Butylbenzylphthalate	20.586	149	553199	45.895	ng	99
81) Benzo(a)anthracene	21.533	228	1746810	48.662	ng	100
82) 3,3'-Dichlorobenzidine	21.463	252	462072	35.477	ng	98
83) Chrysene	21.604	228	1648318	48.769	ng	99
84) Bis(2-ethylhexyl)phtha...	21.480	149	801075	45.282	ng	100
85) Di-n-octyl phthalate	22.739	149	1374457	45.744	ng	99
87) Indeno(1,2,3-cd)pyrene	28.580	276	2592497	54.428	ng	# 97
88) Benzo(b)fluoranthene	23.810	252	1936237	45.715	ng	99
89) Benzo(k)fluoranthene	23.880	252	1954213	48.755	ng	98
90) Benzo(a)pyrene	24.692	252	1897463	52.004	ng	99
91) Dibenzo(a,h)anthracene	28.662	278	2096492	53.330	ng	99
92) Benzo(g,h,i)perylene	29.739	276	2013562	50.003	ng	99

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



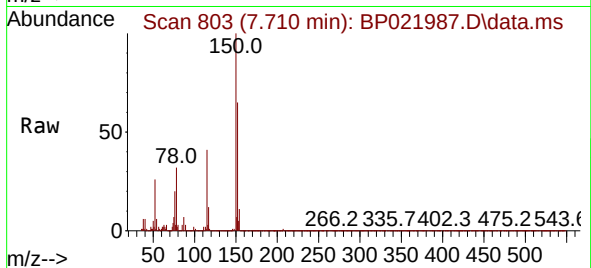
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

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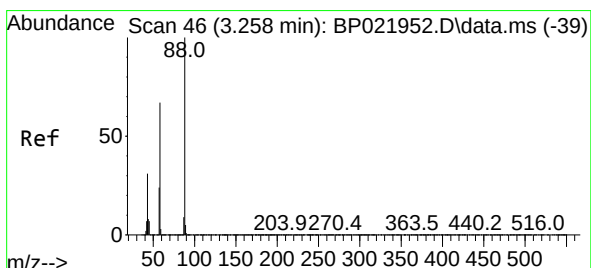
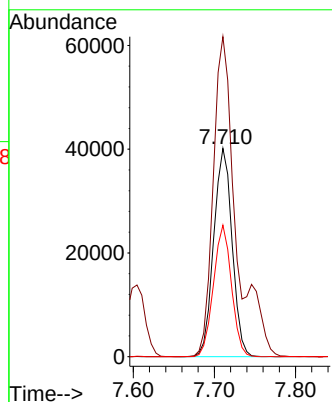
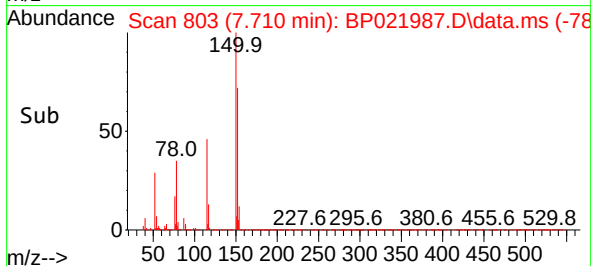
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Ion Ratio Lower Upper
152 100
150 153.6 124.2 186.2
115 63.2 49.2 73.8

Manual Integrations

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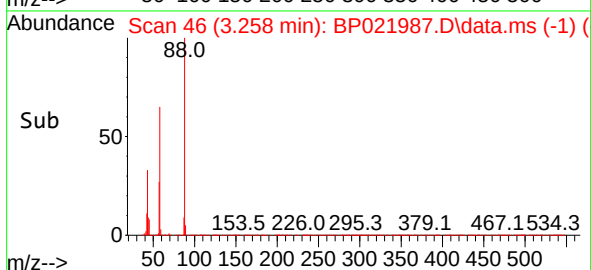
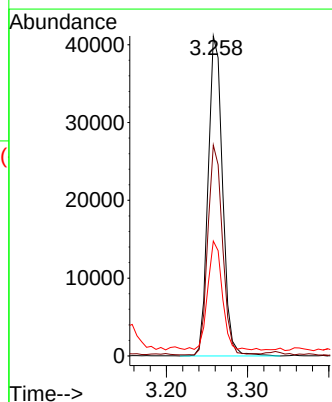
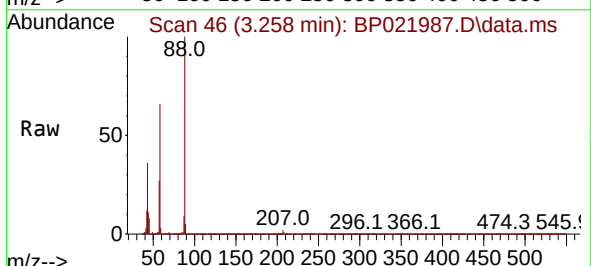
Reviewed By :Yogesh Patel 09/25/2024

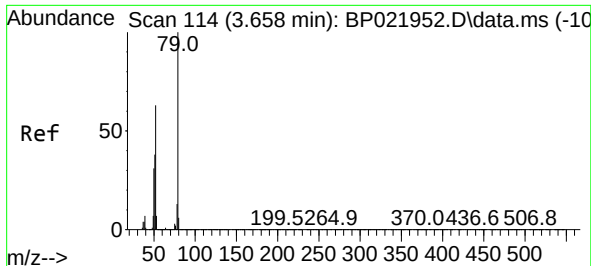
Supervised By :mohammad ahmed 09/25/2024



#2
1,4-Dioxane
Concen: 36.324 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

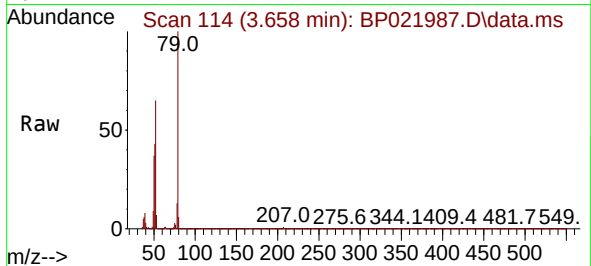
Tgt Ion: 88 Resp: 50764
Ion Ratio Lower Upper
88 100
58 66.1 53.8 80.6
43 33.8 25.2 37.8





#3
Pyridine
Concen: 34.921 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

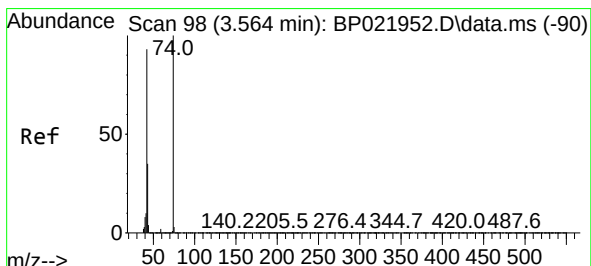
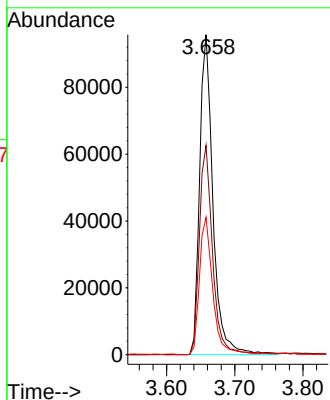
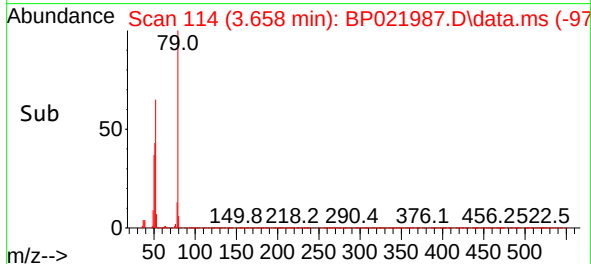
Instrument :
BNA_P
ClientSampleId :
PB163555BS



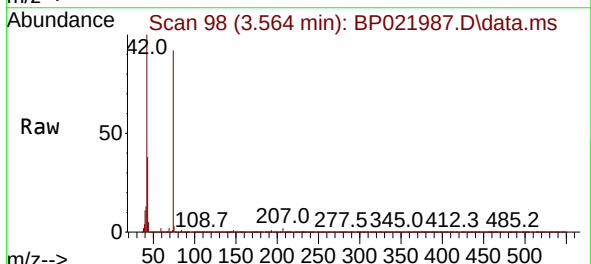
Tgt Ion: 79 Resp: 13016
Ion Ratio Lower Upper
79 100
52 65.4 50.3 75.5
51 42.9 30.9 46.3

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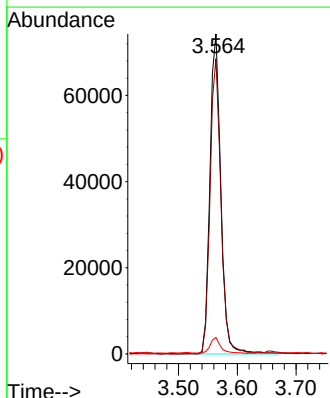
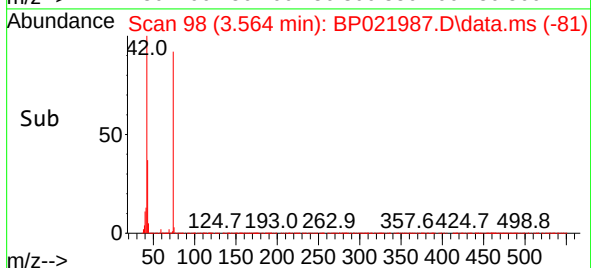
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

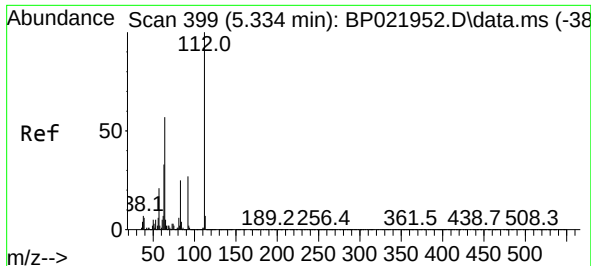


#4
n-Nitrosodimethylamine
Concen: 48.714 ng
RT: 3.564 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11



Tgt Ion: 42 Resp: 95783
Ion Ratio Lower Upper
42 100
74 92.3 86.3 129.5
44 5.1 4.0 6.0





#5
2-Fluorophenol
Concen: 138.985 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS

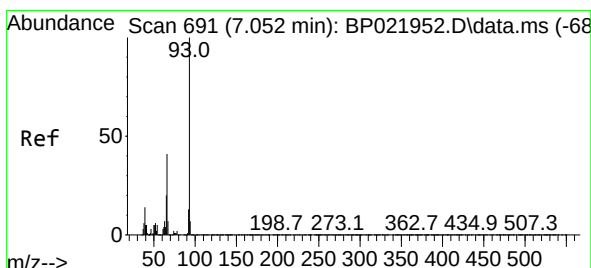
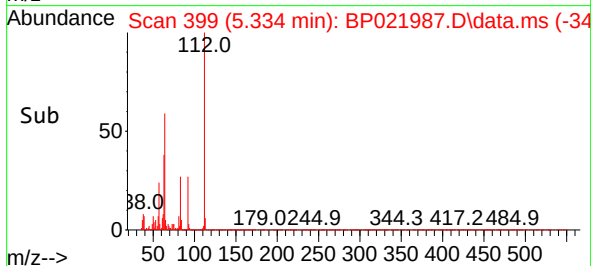
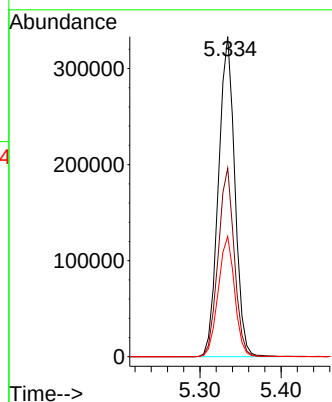
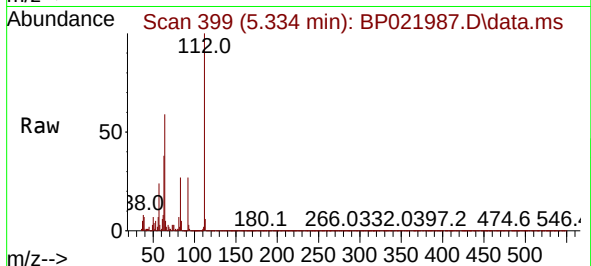
Tgt Ion:112 Resp: 467778
Ion Ratio Lower Upper
112 100
64 59.0 45.4 68.0
63 37.6 26.6 39.8

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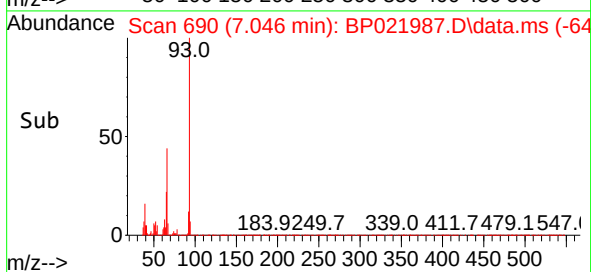
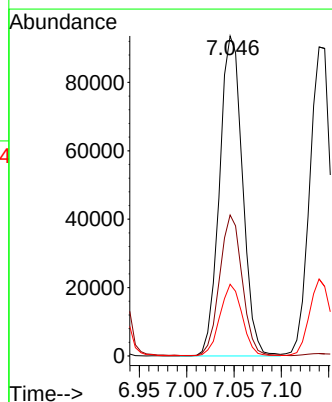
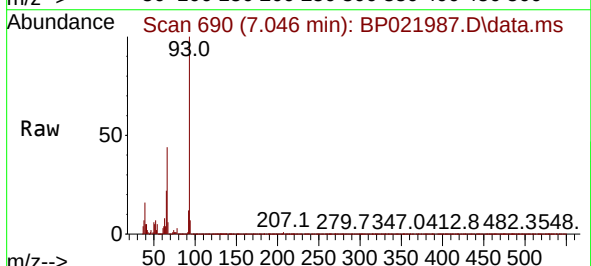
Reviewed By :Yogesh Patel 09/25/2024

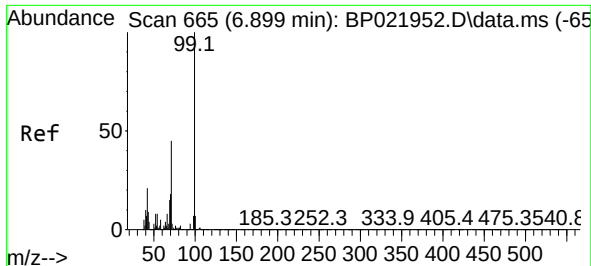
Supervised By :mohammad ahmed 09/25/2024



#6
Aniline
Concen: 41.226 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion: 93 Resp: 158284
Ion Ratio Lower Upper
93 100
66 44.0 33.0 49.4
65 22.4 16.1 24.1





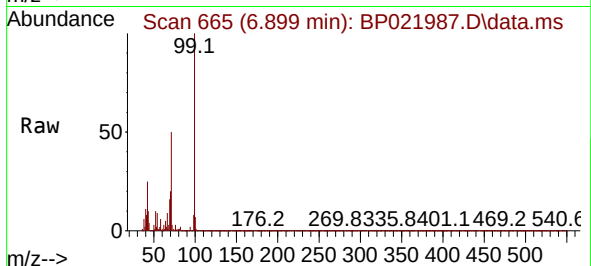
#7
Phenol-d6
Concen: 127.703 ng
RT: 6.899 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

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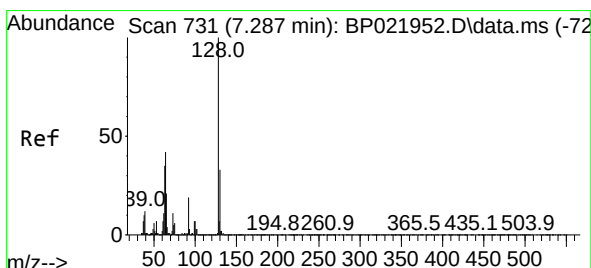
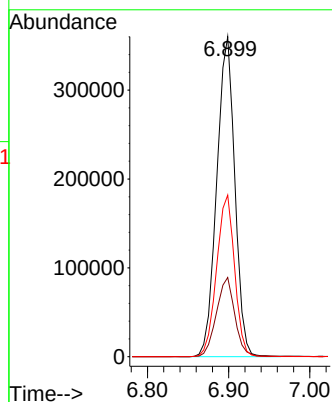
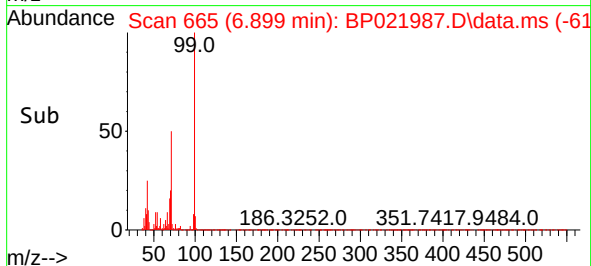
Tgt Ion: 99 Resp: 55796
Ion Ratio Lower Upper
99 100
42 24.8 16.8 25.2
71 50.5 35.8 53.6

Manual Integrations

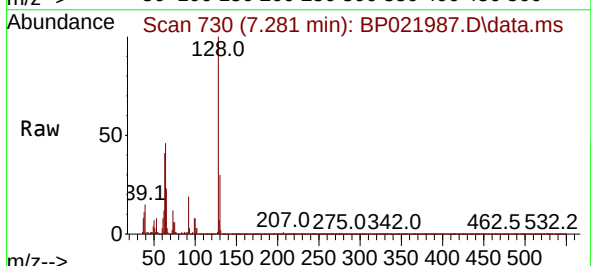
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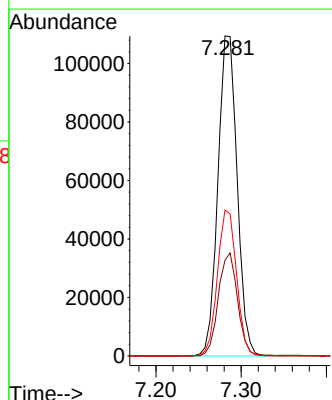
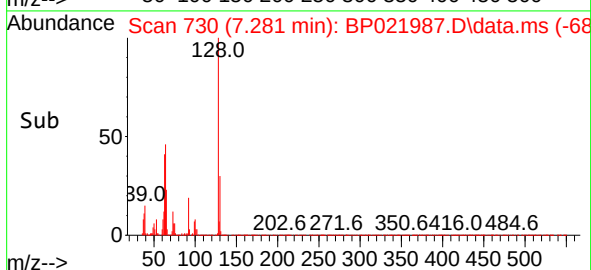
Supervised By :mohammad ahmed 09/25/2024

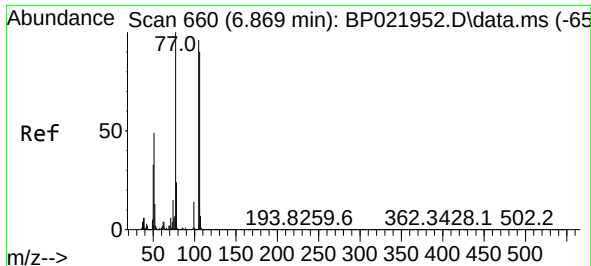


#8
2-Chlorophenol
Concen: 47.714 ng
RT: 7.281 min Scan# 730
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11



Tgt Ion:128 Resp: 171717
Ion Ratio Lower Upper
128 100
130 29.9 13.1 53.1
64 45.6 22.1 62.1





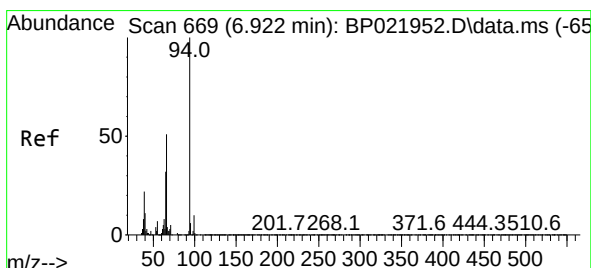
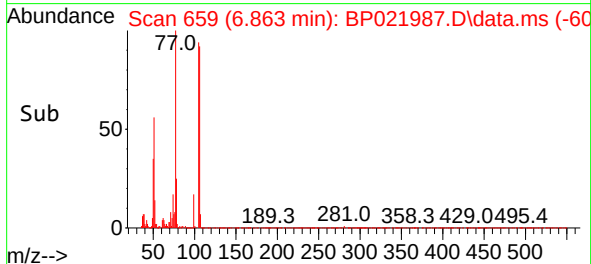
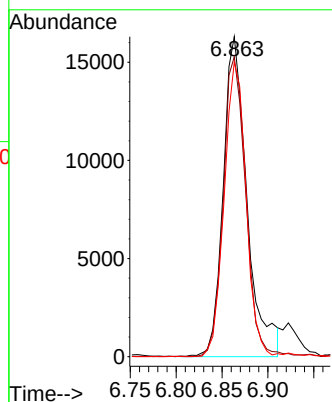
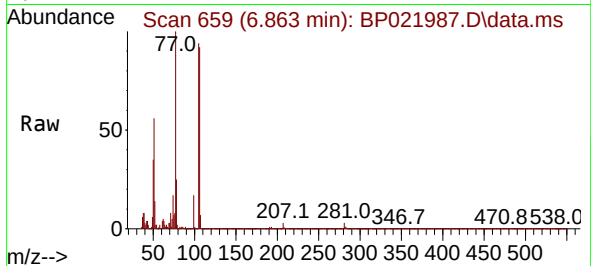
#9
Benzaldehyde
Concen: 12.877 ng m
RT: 6.863 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :
BNA_P
ClientSampleId :
PB163555BS

Tgt Ion: 77 Resp: 29418
Ion Ratio Lower Upper
77 100
105 93.7 76.1 116.1
106 92.0 69.9 109.9

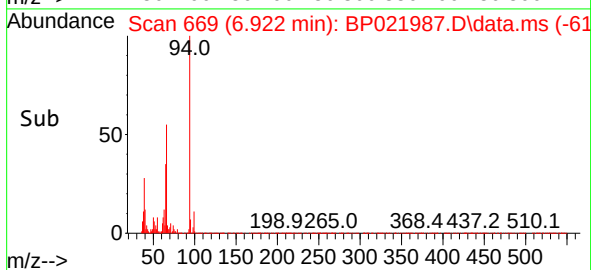
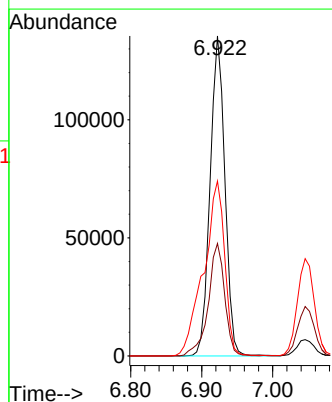
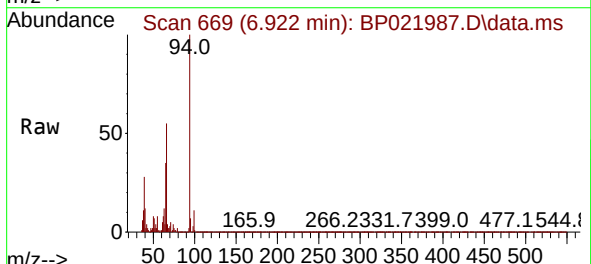
Manual Integrations
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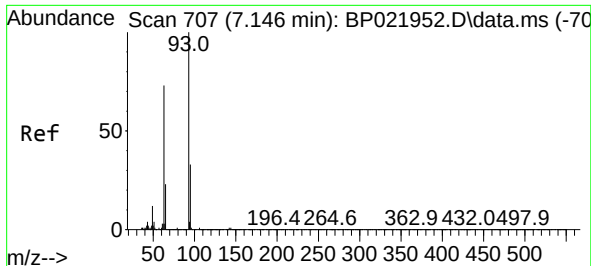
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#10
Phenol
Concen: 45.265 ng
RT: 6.922 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion: 94 Resp: 196431
Ion Ratio Lower Upper
94 100
65 35.1 12.5 52.5
66 54.7 31.2 71.2





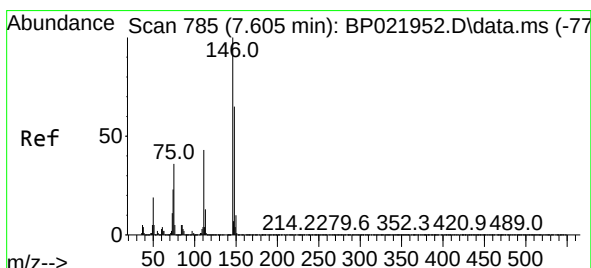
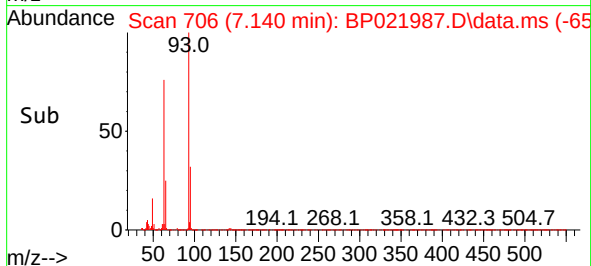
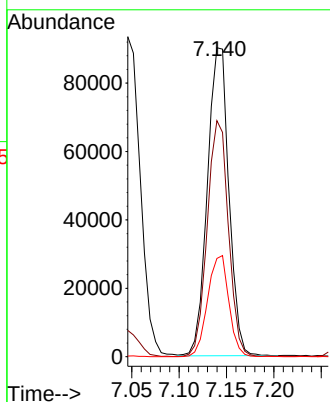
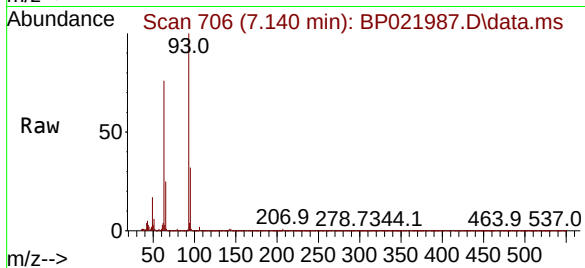
#11
bis(2-Chloroethyl)ether
Concen: 43.537 ng
RT: 7.140 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :
BNA_P
ClientSampleId :
PB163555BS

Tgt Ion: 93 Resp: 14231
Ion Ratio Lower Upper
93 100
63 76.4 53.0 93.0
95 31.8 12.4 52.4

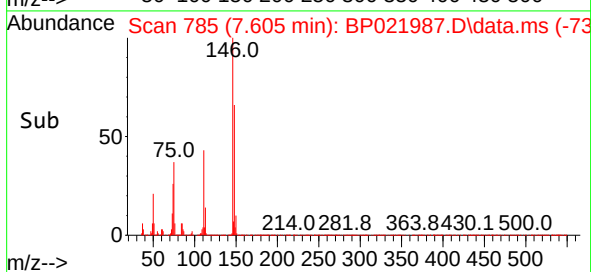
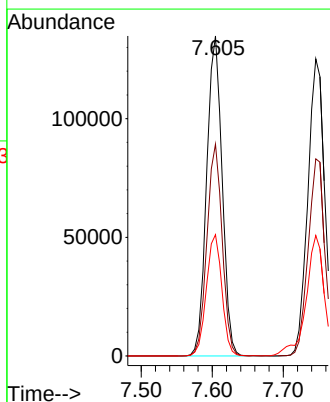
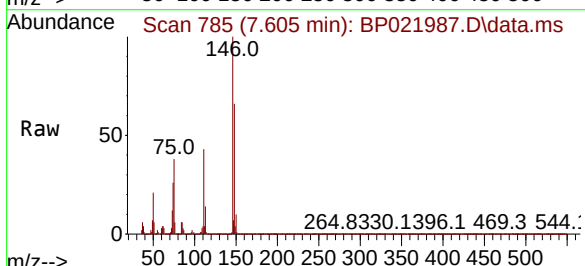
Manual Integrations
APPROVED

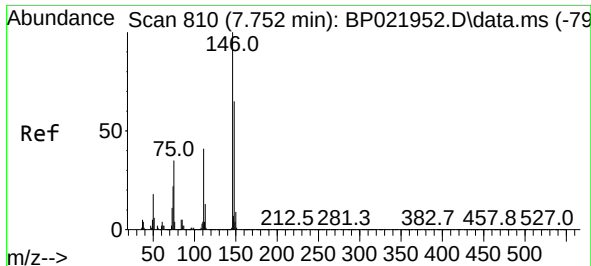
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#12
1,3-Dichlorobenzene
Concen: 44.941 ng
RT: 7.605 min Scan# 785
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:146 Resp: 204195
Ion Ratio Lower Upper
146 100
148 66.2 52.3 78.5
75 37.9 29.0 43.6





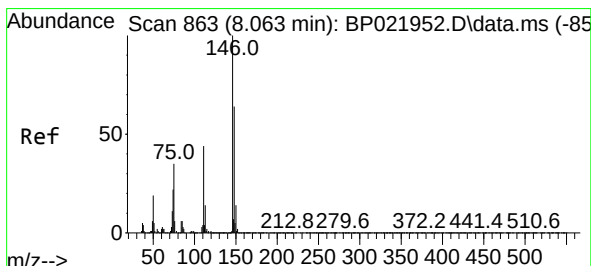
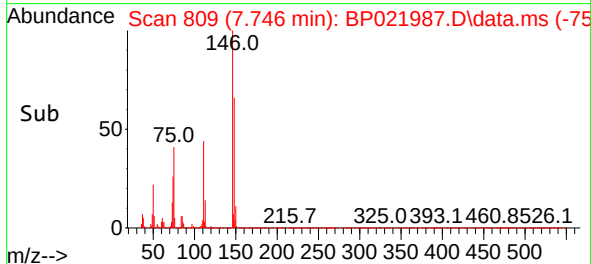
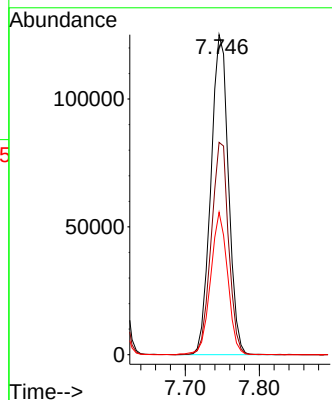
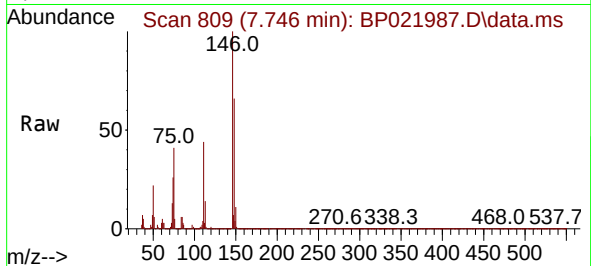
#13
1,4-Dichlorobenzene
Concen: 44.779 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :
BNA_P
ClientSampleId :
PB163555BS

Tgt Ion:146 Resp: 206339
Ion Ratio Lower Upper
146 100
148 66.3 52.2 78.4
111 44.5 32.6 48.8

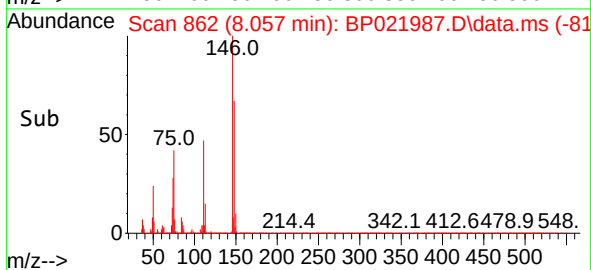
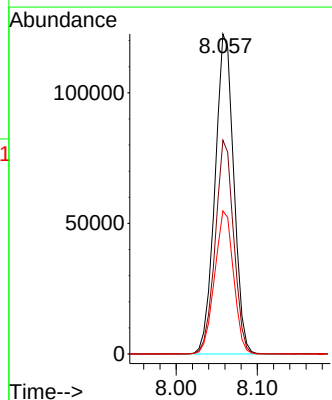
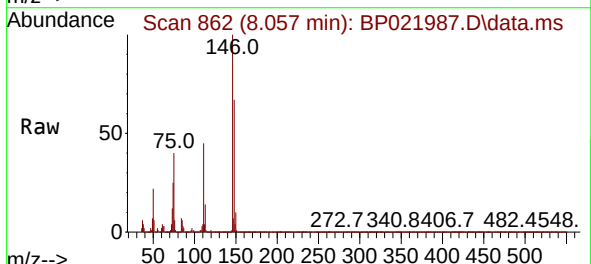
Manual Integrations
APPROVED

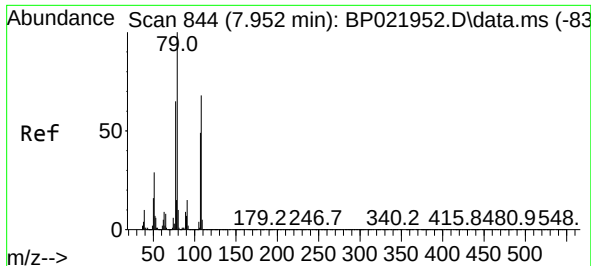
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#14
1,2-Dichlorobenzene
Concen: 44.563 ng
RT: 8.057 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:146 Resp: 197089
Ion Ratio Lower Upper
146 100
148 66.8 51.3 76.9
111 44.7 35.6 53.4





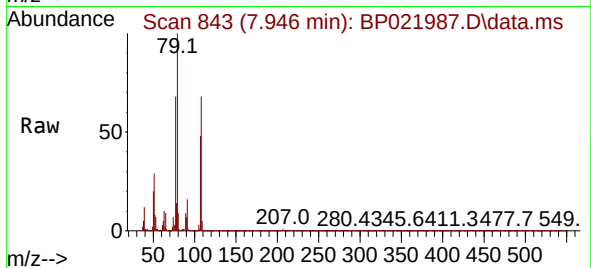
#15
Benzyl Alcohol
Concen: 48.366 ng
RT: 7.946 min Scan# 844
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS



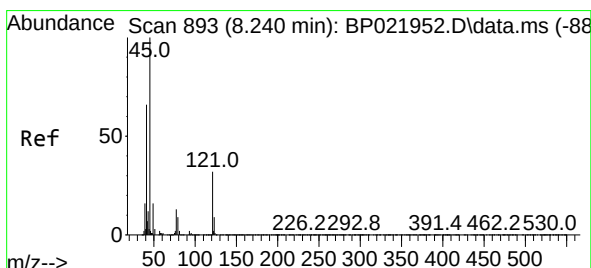
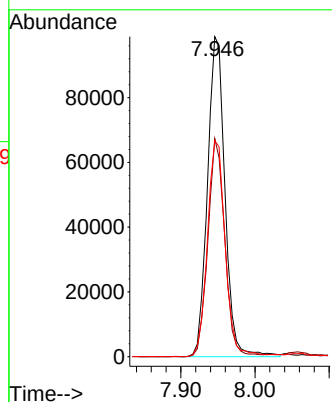
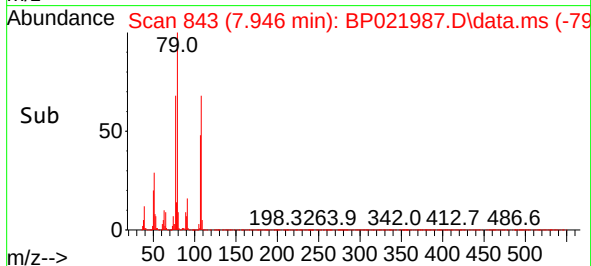
Tgt Ion: 79 Resp: 162060
Ion Ratio Lower Upper
79 100
108 68.1 54.7 82.1
77 67.5 51.8 77.8

Manual Integrations

APPROVED

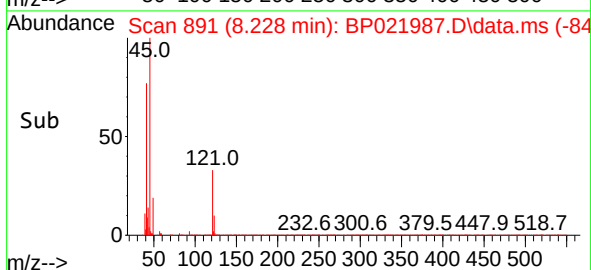
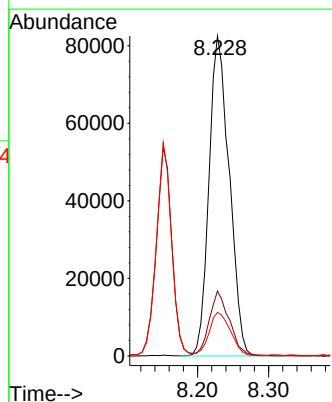
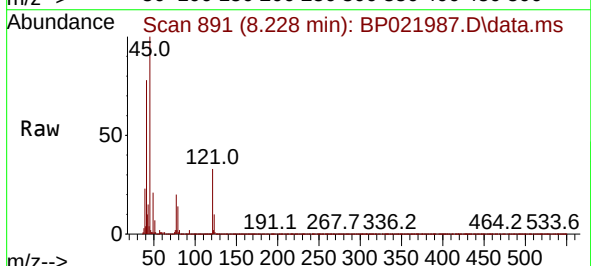
Reviewed By :Yogesh Patel 09/25/2024

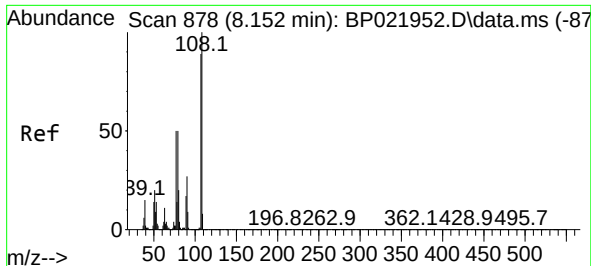
Supervised By :mohammad ahmed 09/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.789 ng
RT: 8.228 min Scan# 891
Delta R.T. -0.012 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion: 45 Resp: 163130
Ion Ratio Lower Upper
45 100
77 20.3 0.0 39.5
79 13.6 0.0 34.9





#17
2-Methylphenol
Concen: 47.022 ng
RT: 8.152 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

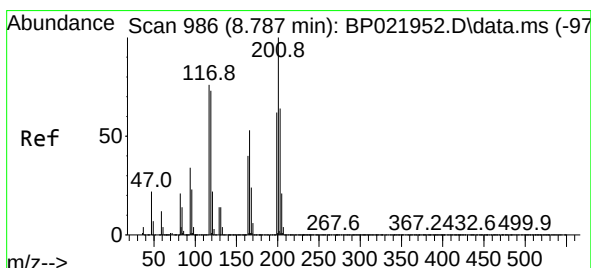
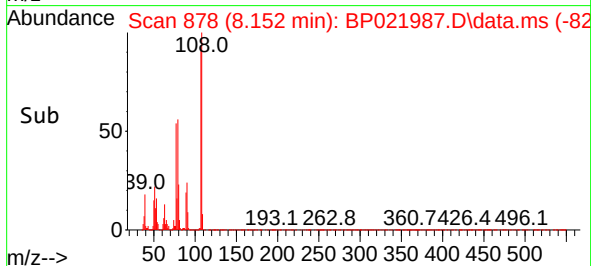
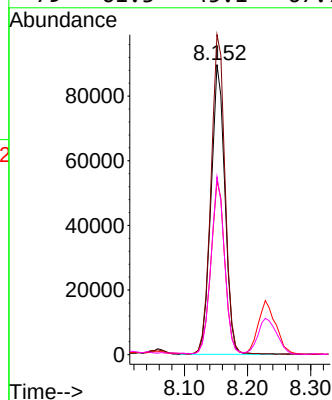
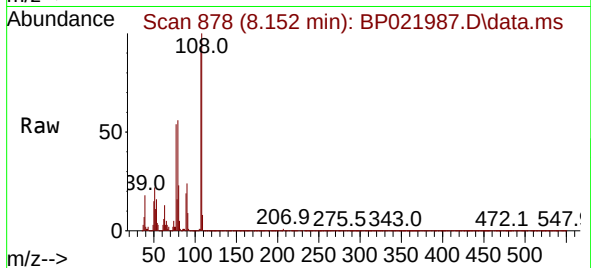
PB163555BS

Tgt Ion:107 Resp: 13785
Ion Ratio Lower Upper
107 100
108 110.3 90.3 135.5
77 60.0 45.1 67.7
79 61.3 45.1 67.7

Manual Integrations

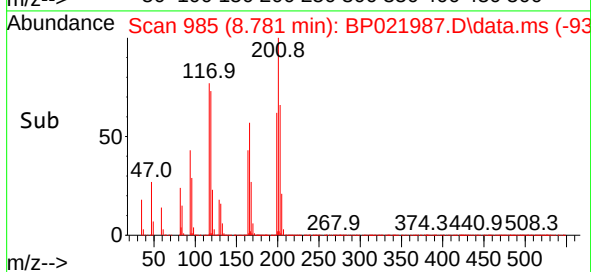
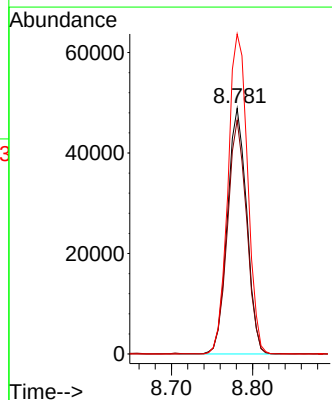
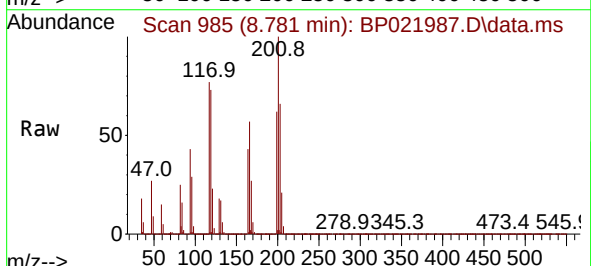
APPROVED

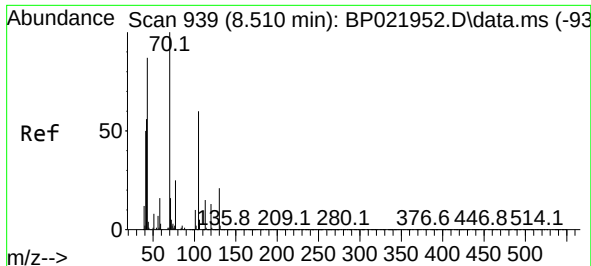
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#18
Hexachloroethane
Concen: 47.790 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:117 Resp: 80973
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.4
201 130.3 105.6 158.4





#19
n-Nitroso-di-n-propylamine
Concen: 44.633 ng
RT: 8.510 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

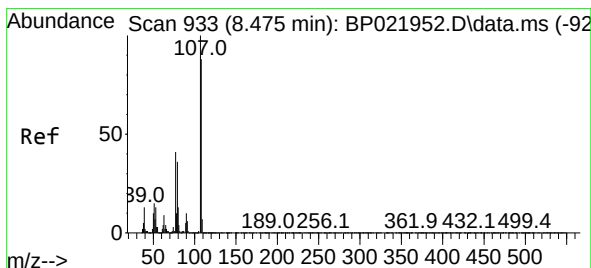
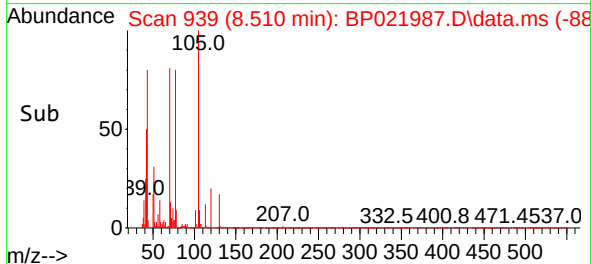
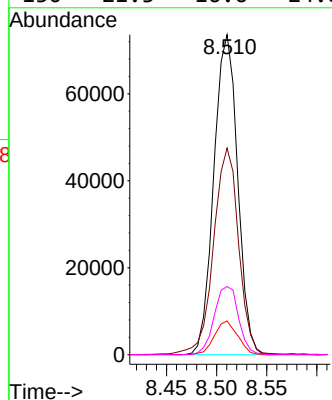
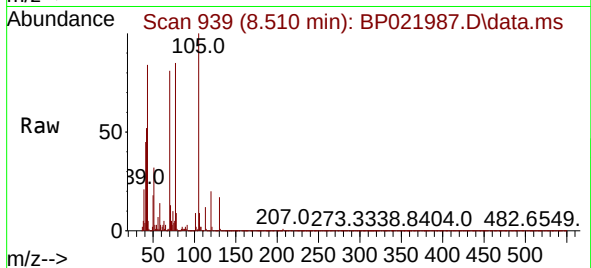
PB163555BS

Tgt Ion: 70 Resp: 12121
Ion Ratio Lower Upper
70 100
42 64.6 45.2 67.8
101 10.6 7.8 11.6
130 21.3 16.6 24.8

Manual Integrations

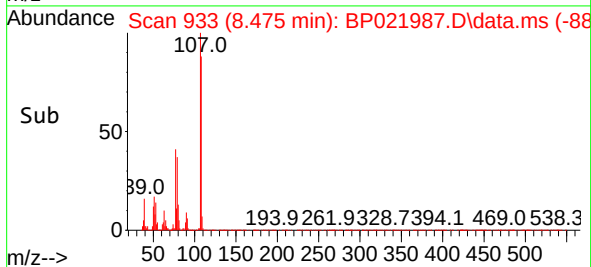
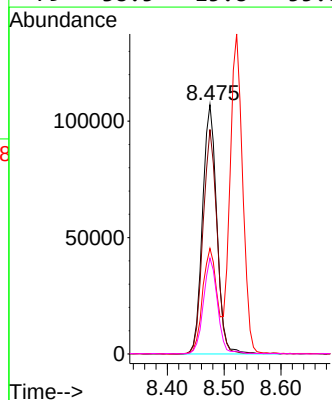
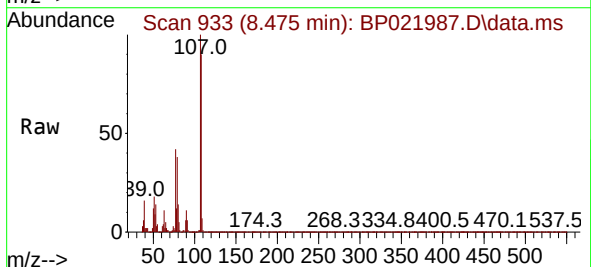
APPROVED

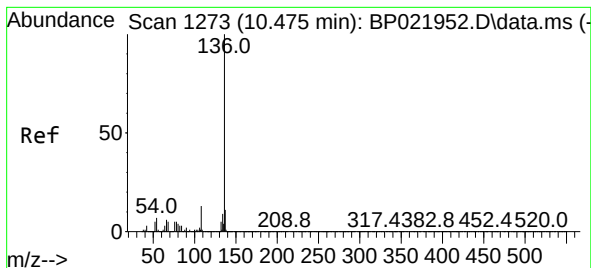
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#20
3+4-Methylphenols
Concen: 45.314 ng
RT: 8.475 min Scan# 933
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:107 Resp: 187531
Ion Ratio Lower Upper
107 100
108 90.1 68.3 108.3
77 42.4 20.6 60.6
79 38.5 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNP_P

ClientSampleId :

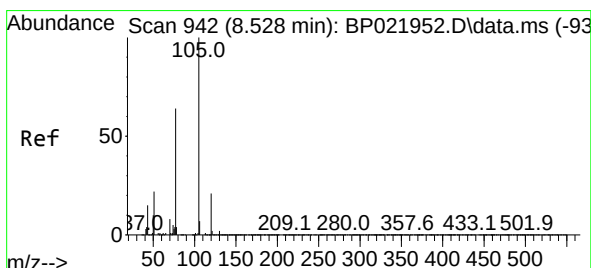
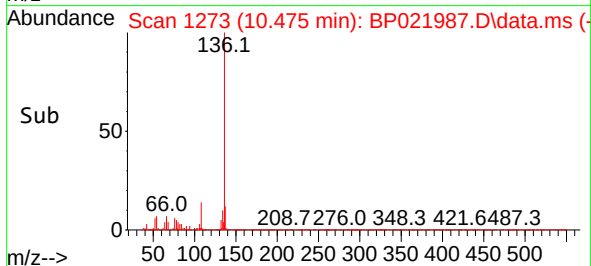
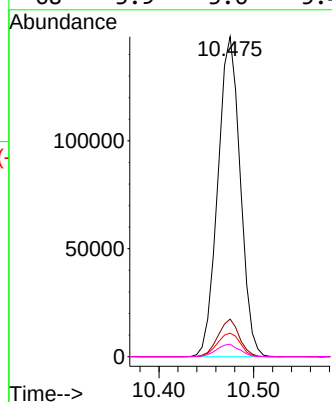
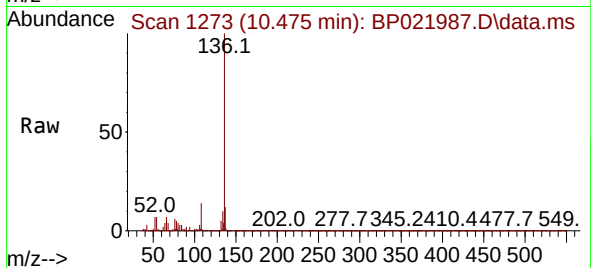
PB163555BS

Tgt Ion:136 Resp: 24385
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 7.3 5.5 8.3
68 3.9 3.6 5.4

Manual Integrations

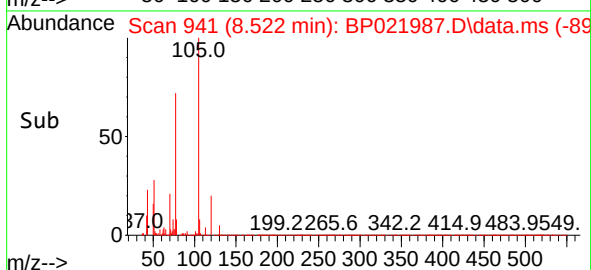
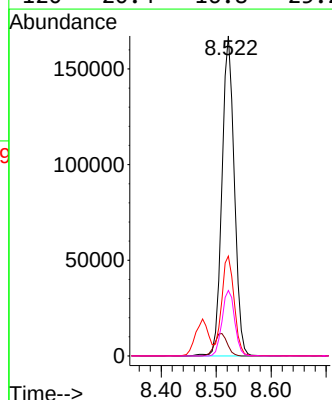
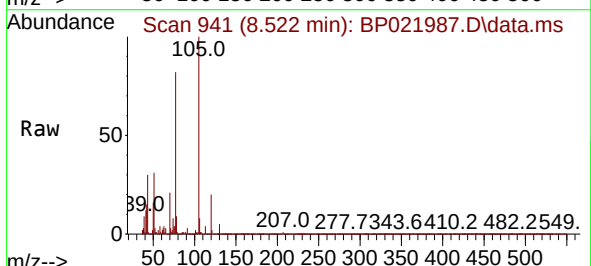
APPROVED

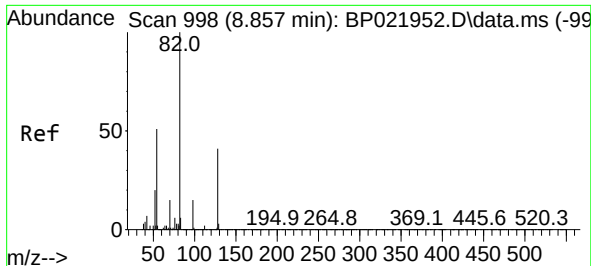
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#22
Acetophenone
Concen: 43.811 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:105 Resp: 260615
Ion Ratio Lower Upper
105 100
71 3.2 1.4 2.0#
51 31.2 22.1 33.1
120 20.4 16.8 25.2





#23

Nitrobenzene-d5

Concen: 90.919 ng

RT: 8.852 min Scan# 94

Delta R.T. -0.006 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS

Tgt Ion: 82 Resp: 419009

Ion Ratio Lower Upper

82 100

128 38.3 33.1 49.7

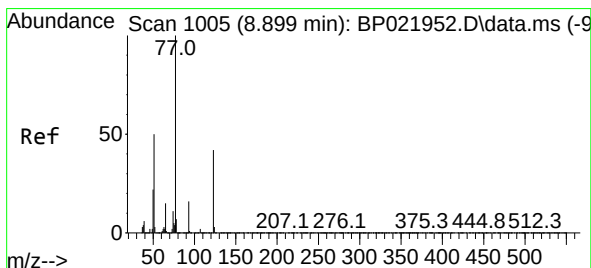
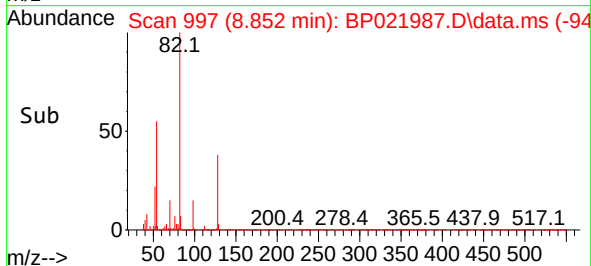
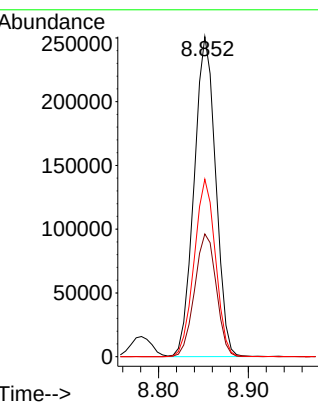
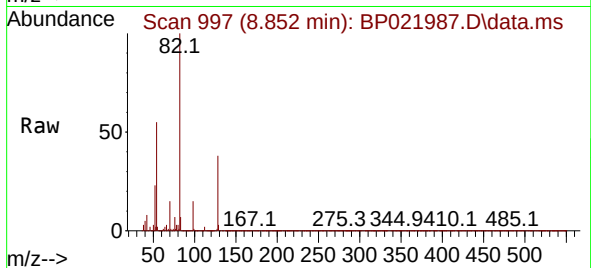
54 55.5 40.3 60.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#24

Nitrobenzene

Concen: 44.451 ng

RT: 8.893 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

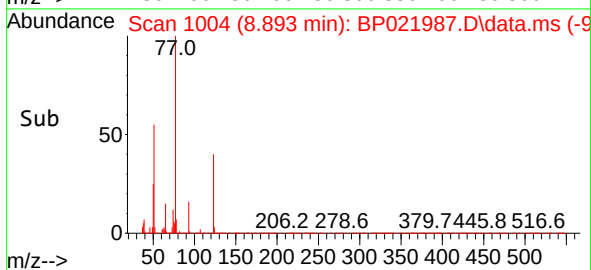
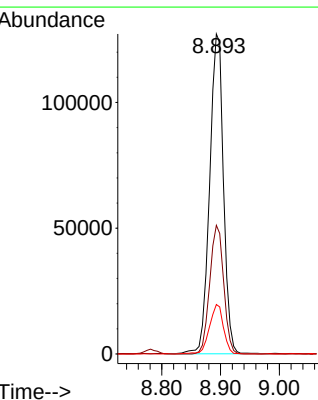
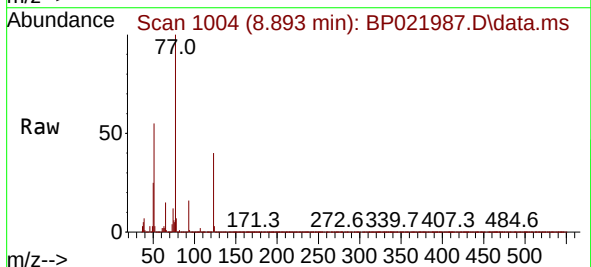
Tgt Ion: 77 Resp: 208036

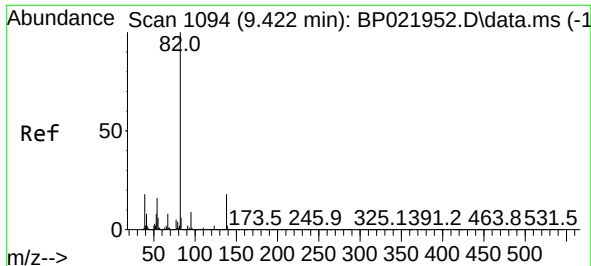
Ion Ratio Lower Upper

77 100

123 40.2 33.9 50.9

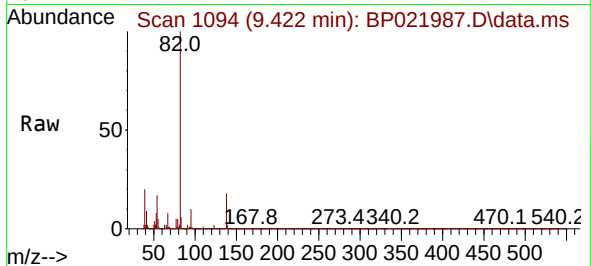
65 15.5 12.0 18.0





#25
Isophorone
Concen: 43.815 ng
RT: 9.422 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

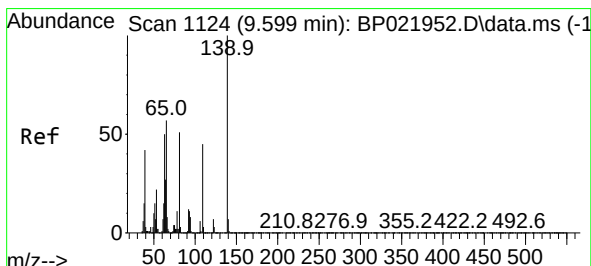
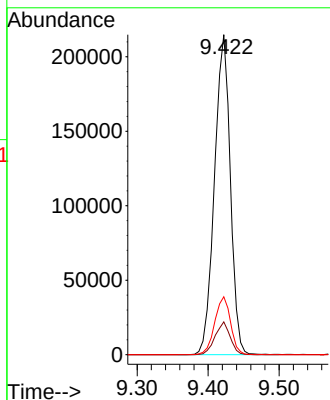
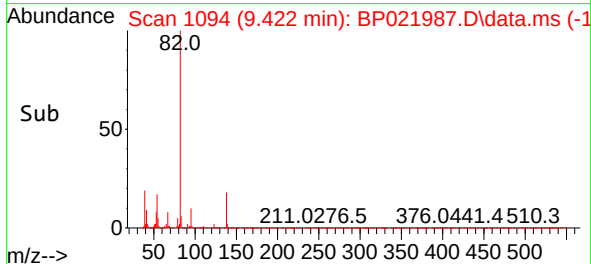
Instrument :
BNA_P
ClientSampleId :
PB163555BS



Tgt Ion: 82 Resp: 332900
Ion Ratio Lower Upper
82 100
95 10.3 7.0 10.6
138 18.1 14.6 21.8

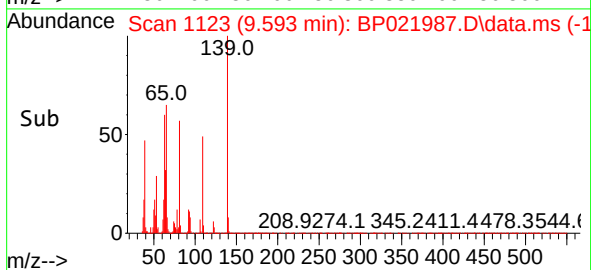
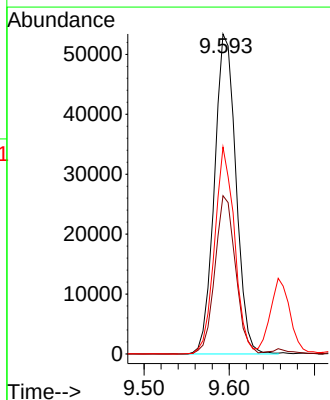
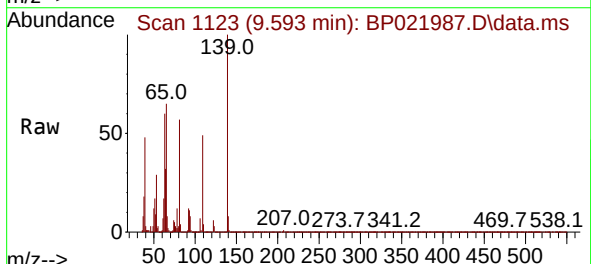
Manual Integrations
APPROVED

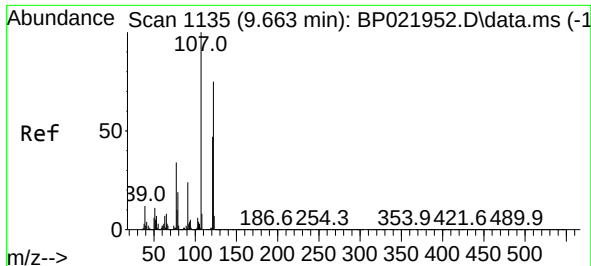
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#26
2-Nitrophenol
Concen: 45.769 ng
RT: 9.593 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:139 Resp: 93659
Ion Ratio Lower Upper
139 100
109 49.5 36.0 54.0
65 64.7 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 58.805 ng

RT: 9.657 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS

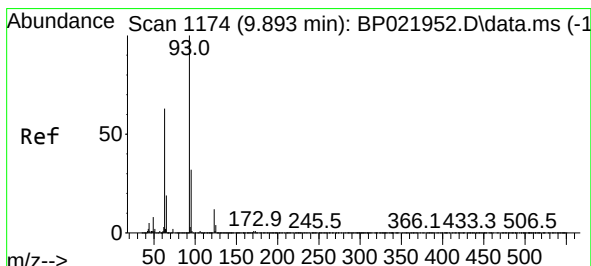
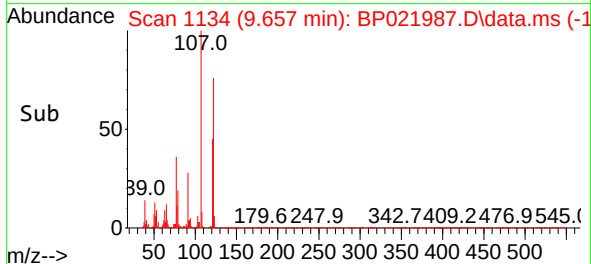
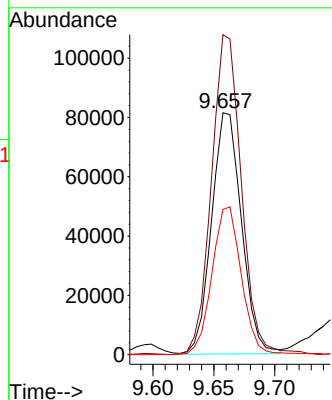
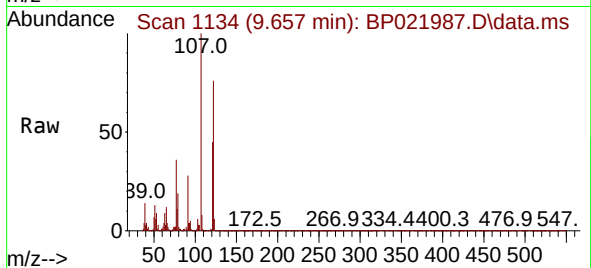
Tgt Ion:	122	Resp:	13933
Ion	Ratio	Lower	Upper
122	100		
107	132.3	106.1	159.1
121	60.0	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#28

bis(2-Chloroethoxy)methane

Concen: 43.629 ng

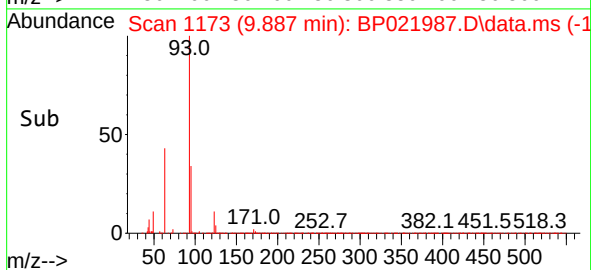
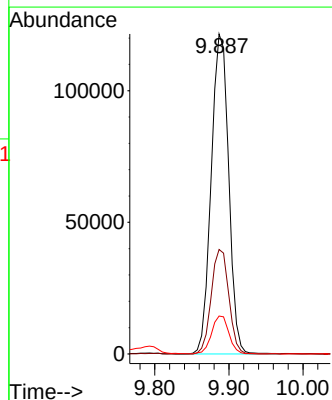
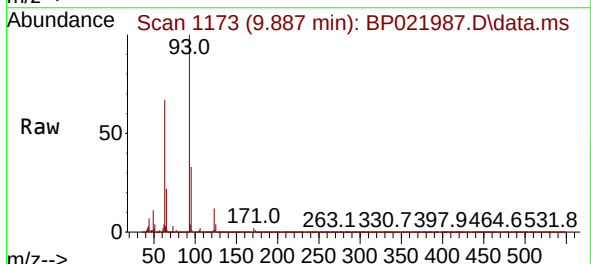
RT: 9.887 min Scan# 1173

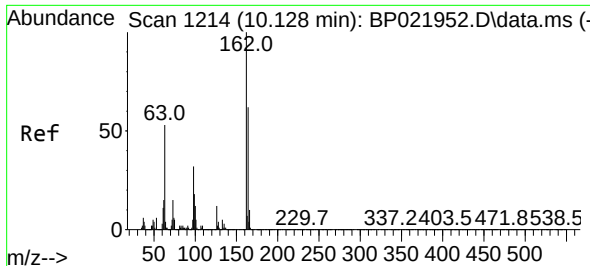
Delta R.T. -0.006 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

Tgt Ion:	93	Resp:	198761
Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.7	38.5
123	11.8	9.4	14.0





#29
2,4-Dichlorophenol
Concen: 48.141 ng
RT: 10.128 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

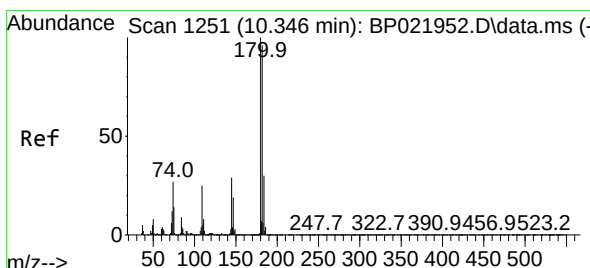
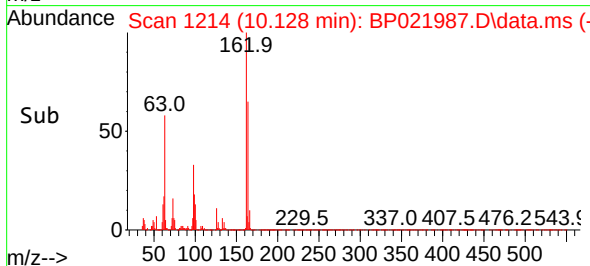
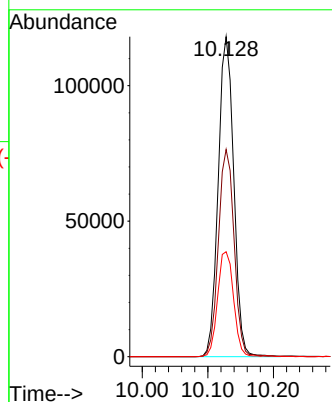
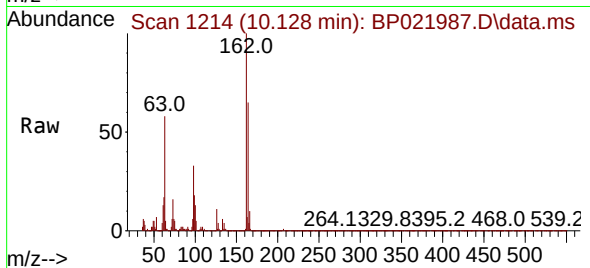
PB163555BS

Tgt Ion:162 Resp: 193619
Ion Ratio Lower Upper
162 100
164 64.8 41.7 81.7
98 32.8 12.4 52.4

Manual Integrations

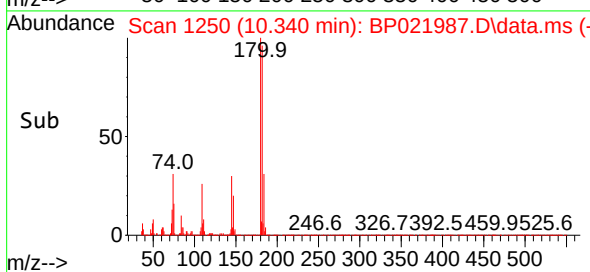
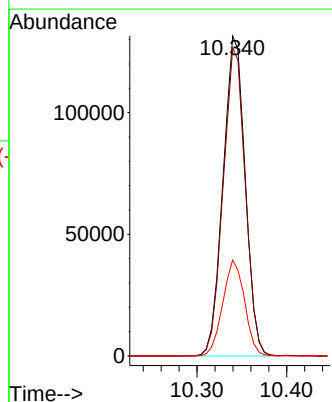
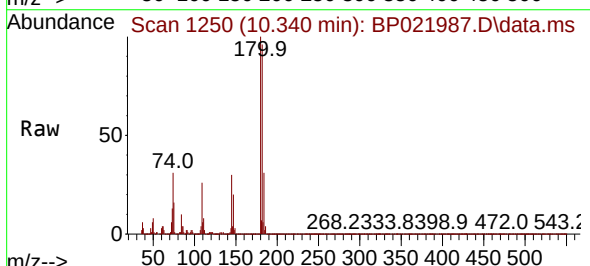
APPROVED

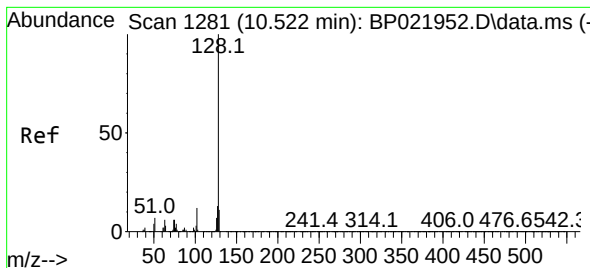
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.925 ng
RT: 10.340 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:180 Resp: 225061
Ion Ratio Lower Upper
180 100
182 96.3 77.0 115.4
145 30.0 23.0 34.6





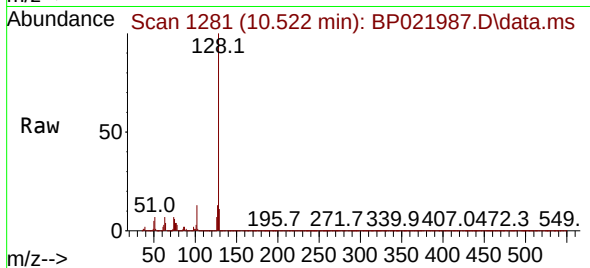
#31
Naphthalene
Concen: 46.187 ng
RT: 10.522 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS



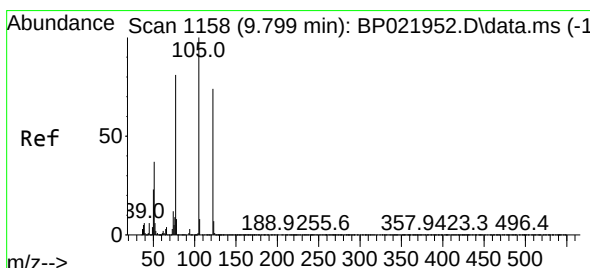
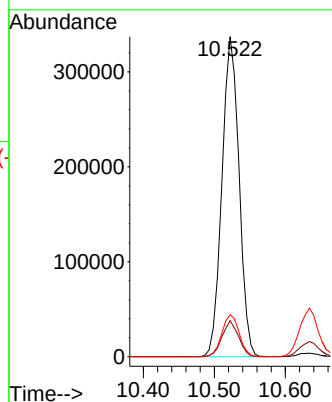
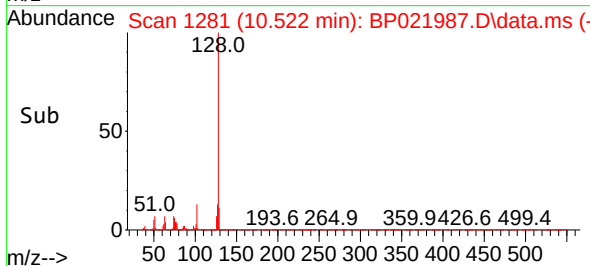
Tgt Ion:128 Resp: 56200
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.6 15.8

Manual Integrations

APPROVED

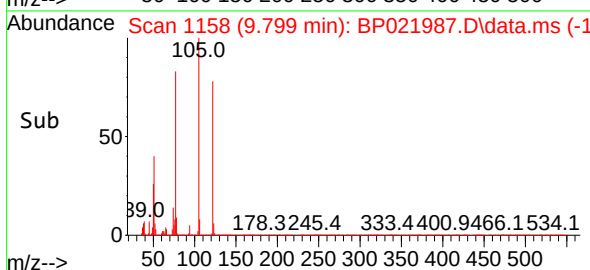
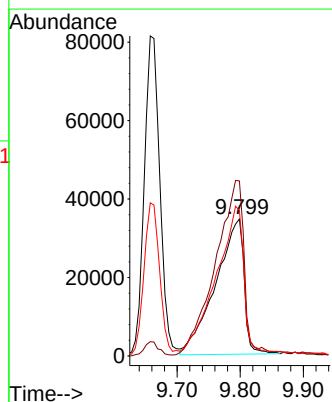
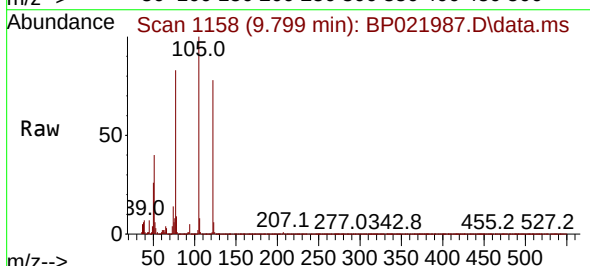
Reviewed By :Yogesh Patel 09/25/2024

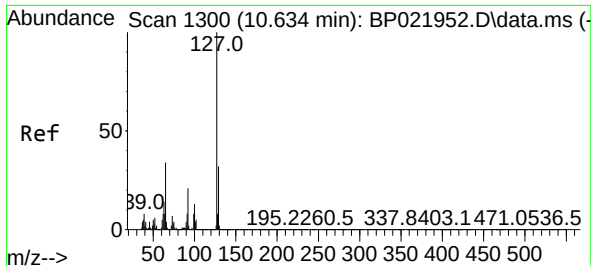
Supervised By :mohammad ahmed 09/25/2024



#32
Benzoic acid
Concen: 38.919 ng
RT: 9.799 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:122 Resp: 107812
Ion Ratio Lower Upper
122 100
105 127.9 111.3 151.3
77 106.3 86.7 126.7





#33
4-Chloroaniline
Concen: 21.544 ng
RT: 10.634 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

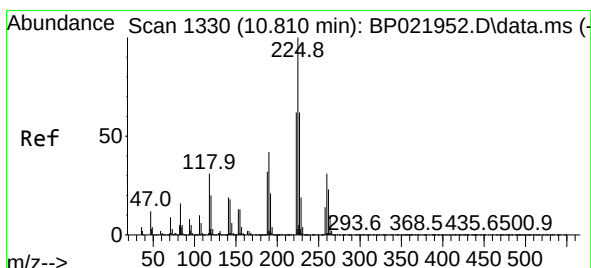
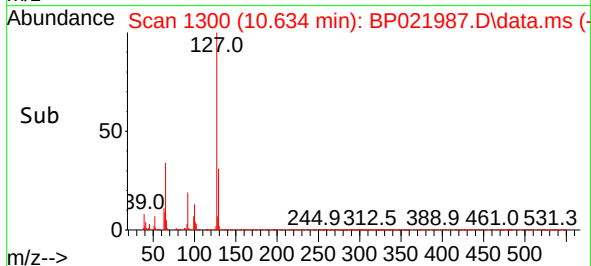
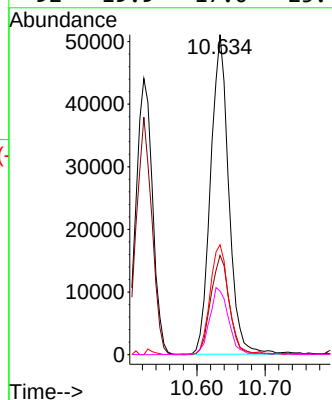
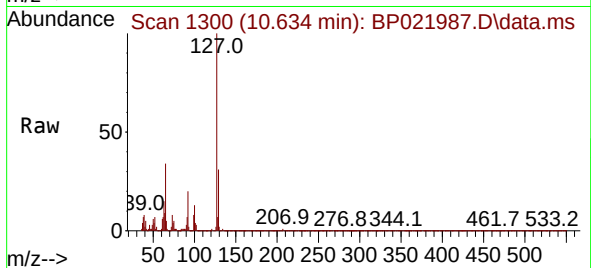
PB163555BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.4	38.0
65	34.4	27.4	41.2
92	19.9	17.0	25.4

Manual Integrations

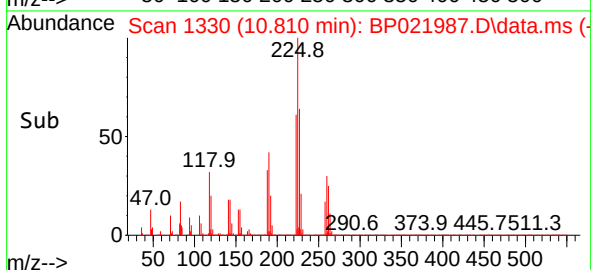
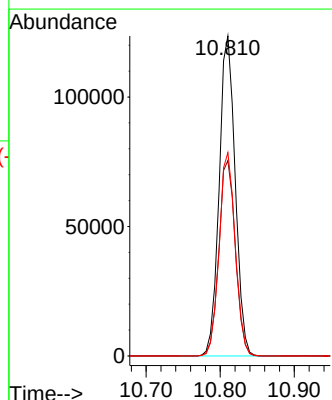
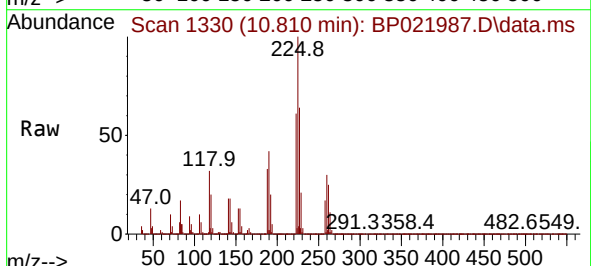
APPROVED

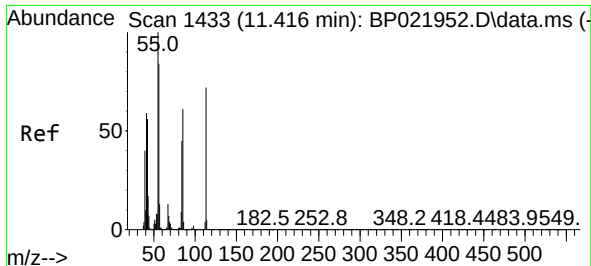
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#34
Hexachlorobutadiene
Concen: 47.317 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

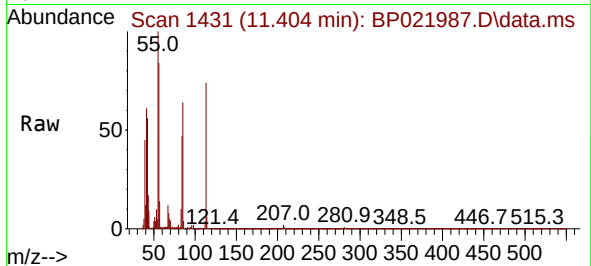
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.0	75.0
227	63.5	49.7	74.5





#35
Caprolactam
Concen: 41.047 ng m
RT: 11.404 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

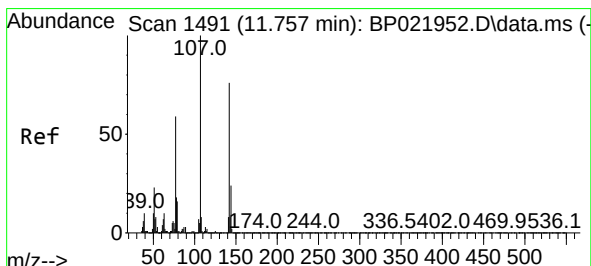
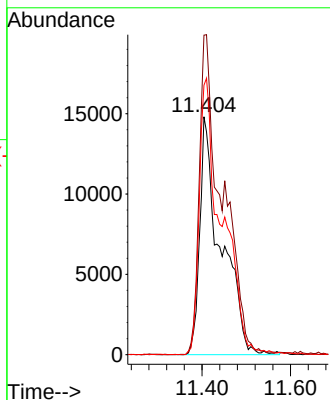
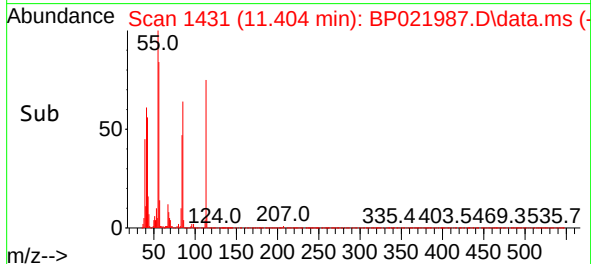
Instrument :
BNA_P
ClientSampleId :
PB163555BS



Tgt Ion:113 Resp: 49130
Ion Ratio Lower Upper
113 100
55 134.3 119.4 159.4
56 113.2 97.1 137.1

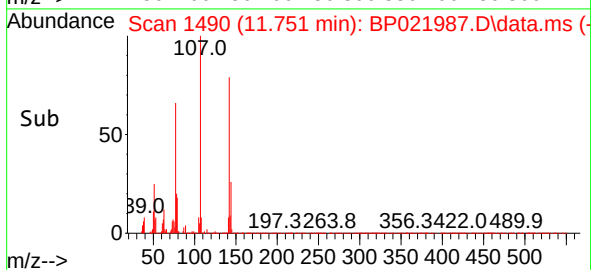
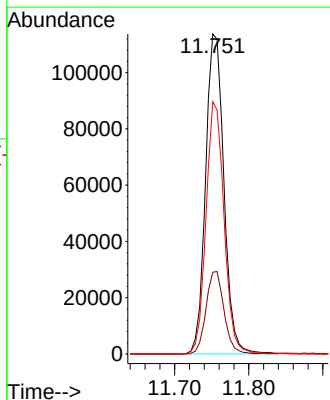
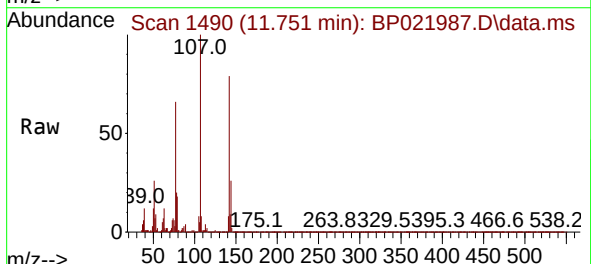
Manual Integrations
APPROVED

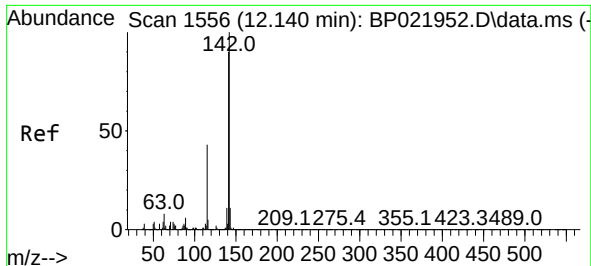
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#36
4-Chloro-3-methylphenol
Concen: 45.251 ng
RT: 11.751 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:107 Resp: 195252
Ion Ratio Lower Upper
107 100
144 25.6 19.0 28.4
142 78.8 60.4 90.6





#37
2-Methylnaphthalene
Concen: 46.892 ng
RT: 12.134 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS

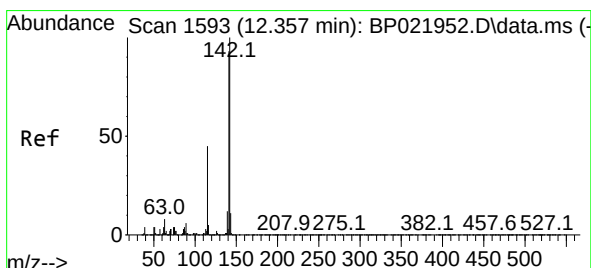
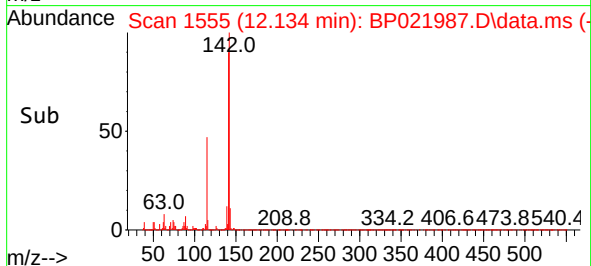
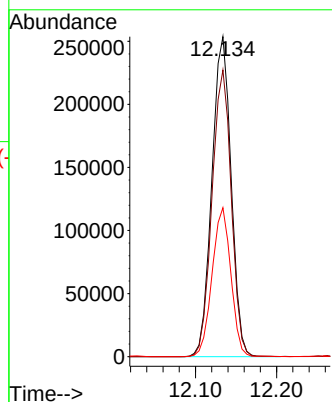
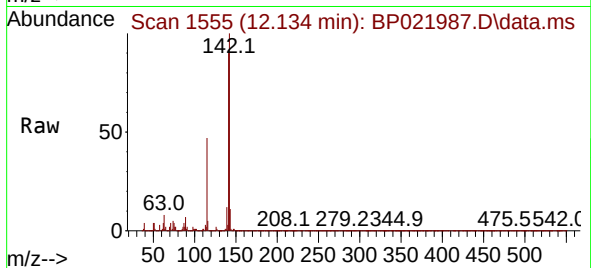
Tgt Ion:142 Resp: 41745
Ion Ratio Lower Upper
142 100
141 89.6 71.7 107.5
115 46.5 34.6 51.8

Manual Integrations

APPROVED

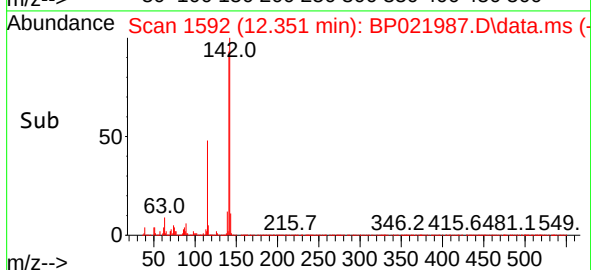
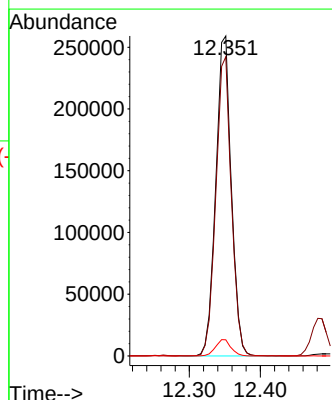
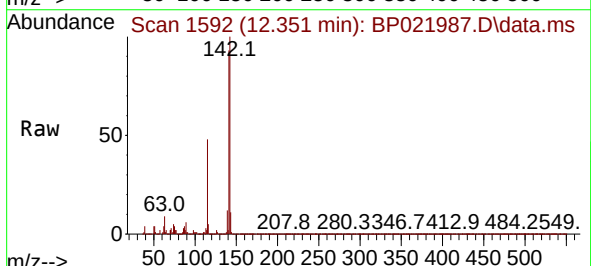
Reviewed By :Yogesh Patel 09/25/2024

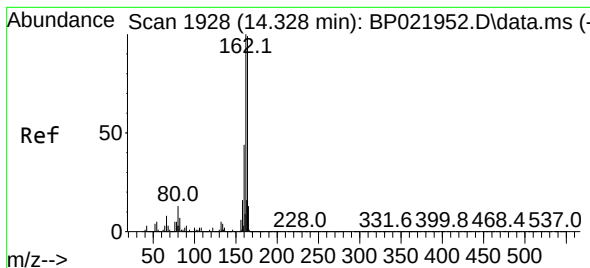
Supervised By :mohammad ahmed 09/25/2024



#38
1-Methylnaphthalene
Concen: 44.608 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:142 Resp: 392084
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1
116 5.0 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: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

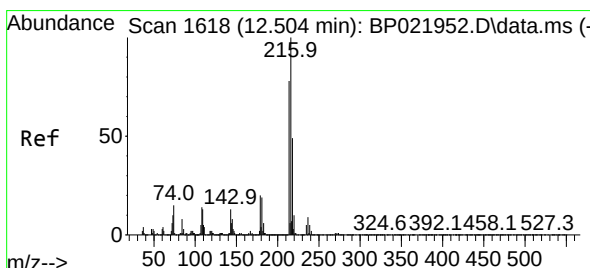
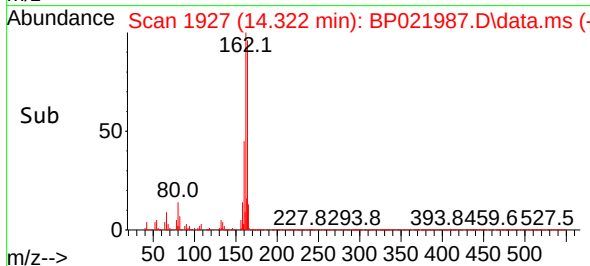
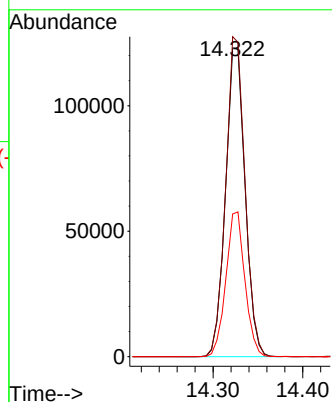
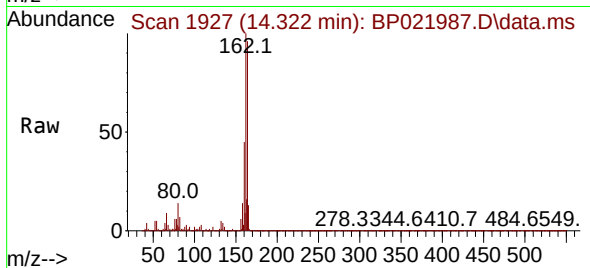
ClientSampleId :

PB163555BS

Tgt Ion:164 Resp: 18641
Ion Ratio Lower Upper
164 100
162 103.6 81.2 121.8
160 46.2 35.9 53.9

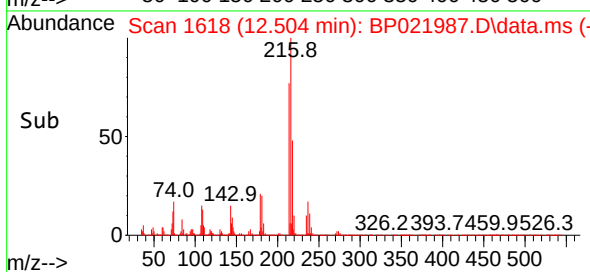
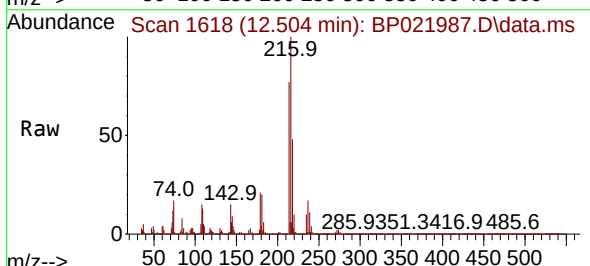
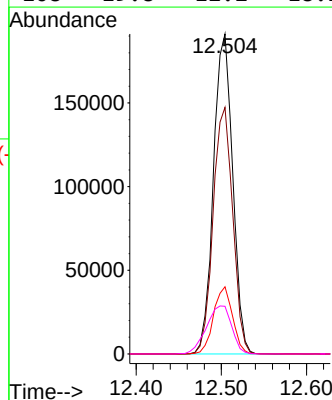
Manual Integrations
APPROVED

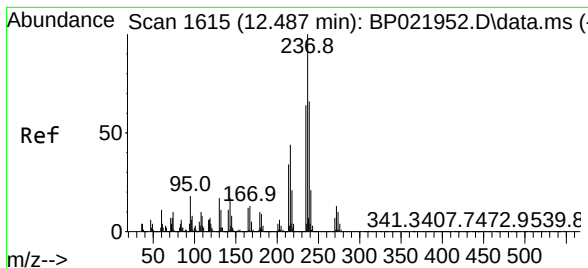
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.907 ng
RT: 12.504 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

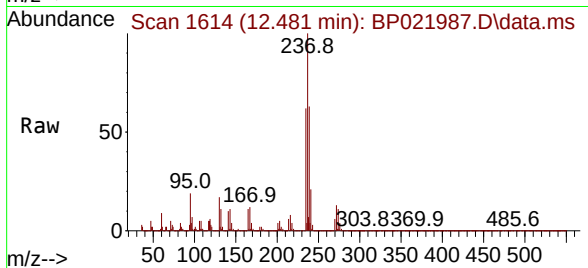
Tgt Ion:216 Resp: 299400
Ion Ratio Lower Upper
216 100
214 78.8 62.8 94.2
179 20.8 16.4 24.6
108 19.8 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 182.927 ng
RT: 12.481 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

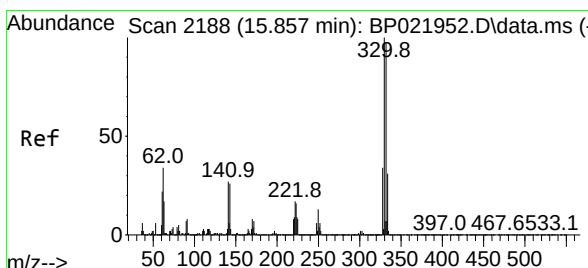
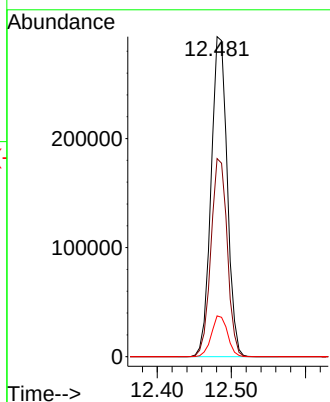
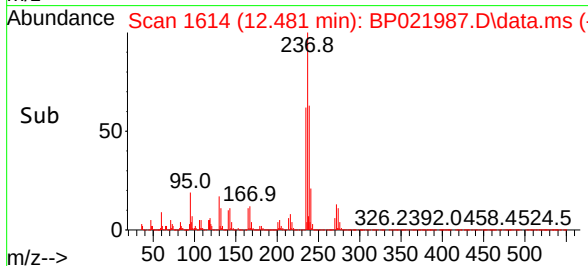
Instrument :
BNA_P
ClientSampleId :
PB163555BS



Tgt Ion: 237 Resp: 44327
Ion Ratio Lower Upper
237 100
235 61.9 44.1 84.1
272 12.7 0.0 33.1

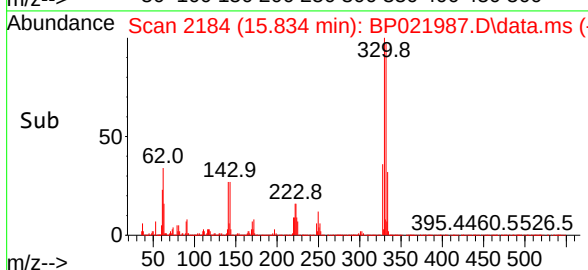
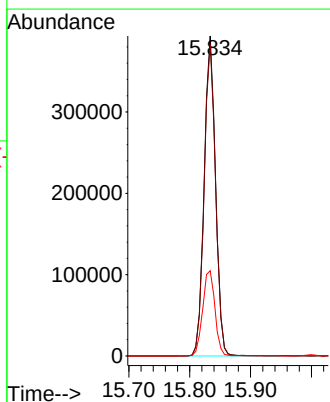
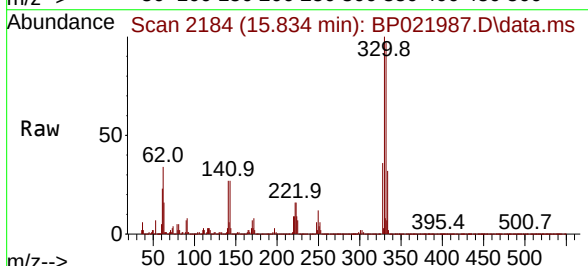
Manual Integrations
APPROVED

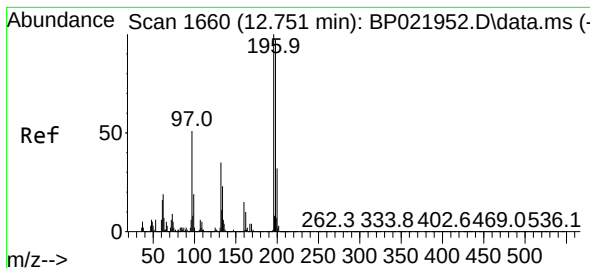
Reviewed By : Yogesh Patel 09/25/2024
Supervised By : mohammad ahmed 09/25/2024



#42
2,4,6-Tribromophenol
Concen: 147.864 ng
RT: 15.834 min Scan# 2184
Delta R.T. -0.024 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion: 330 Resp: 510994
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 28.7 23.4 35.0





#43

2,4,6-Trichlorophenol

Concen: 45.946 ng

RT: 12.740 min Scan# 1658

Delta R.T. -0.012 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS

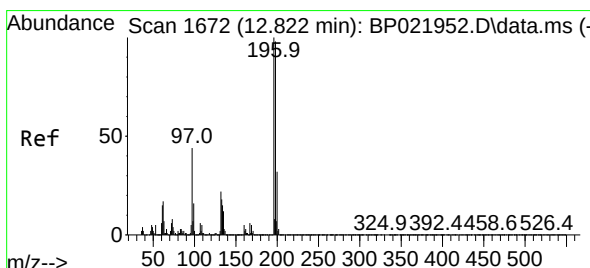
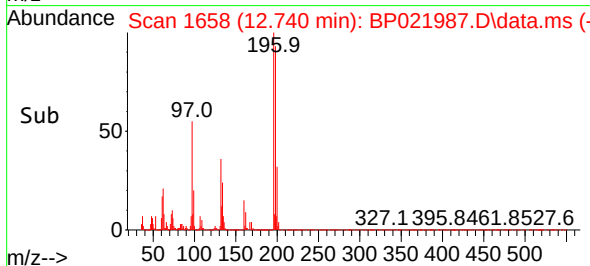
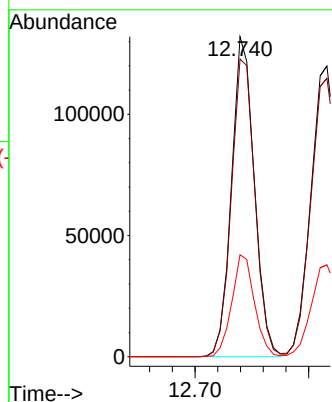
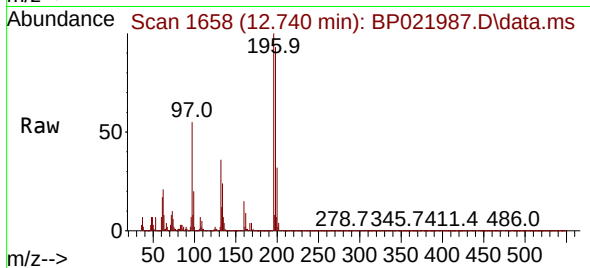
Tgt Ion:196	Resp: 18392
Ion Ratio	Lower Upper
196	100
198	93.0 77.6 116.4
200	31.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#44

2,4,5-Trichlorophenol

Concen: 44.428 ng

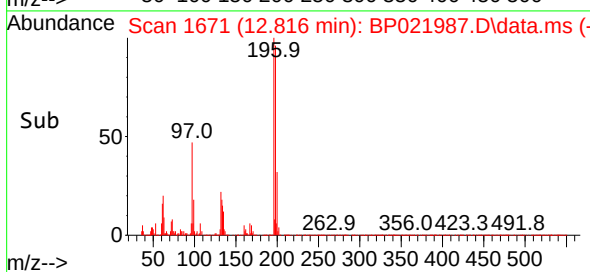
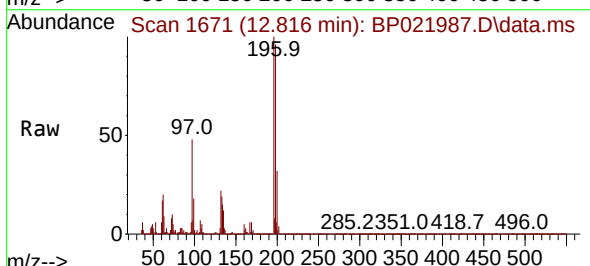
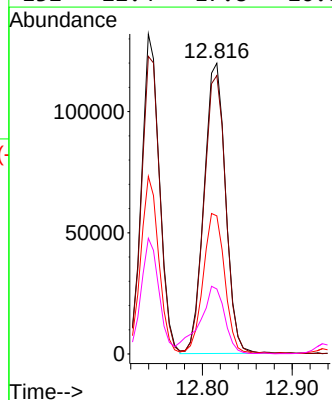
RT: 12.816 min Scan# 1671

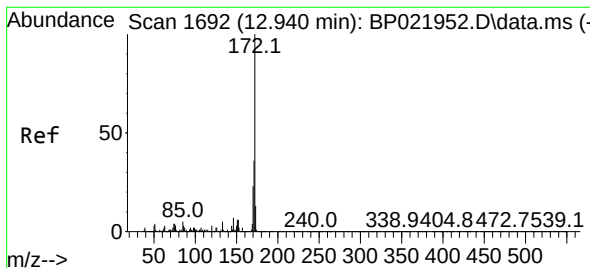
Delta R.T. -0.006 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

Tgt Ion:196	Resp: 199503
Ion Ratio	Lower Upper
196	100
198	95.8 78.2 117.4
97	47.5 35.0 52.4
132	22.4 17.8 26.8





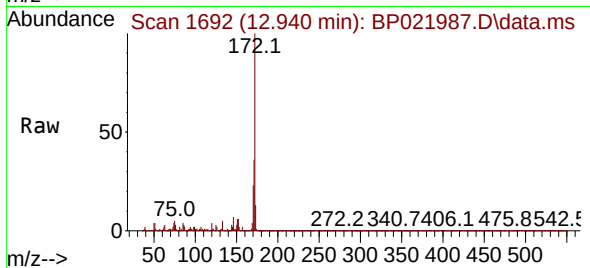
#45
2-Fluorobiphenyl
Concen: 90.025 ng
RT: 12.940 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS



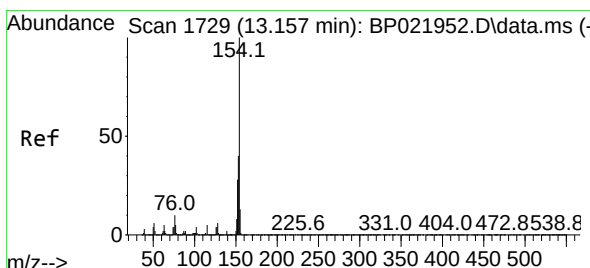
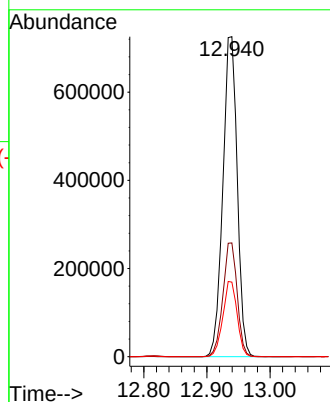
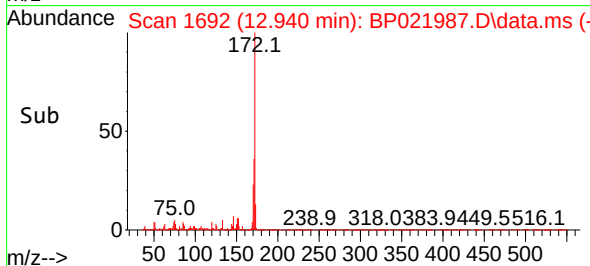
Tgt Ion:172 Resp: 1149609
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.3 18.8 28.2

Manual Integrations

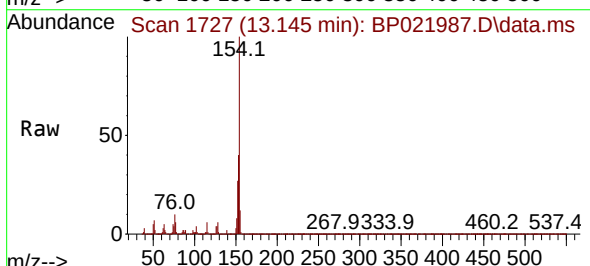
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

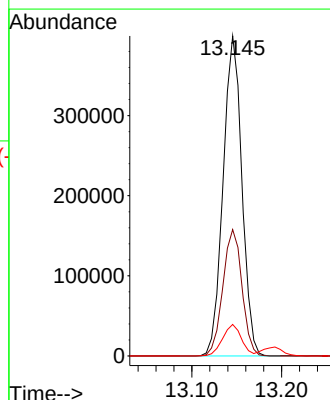
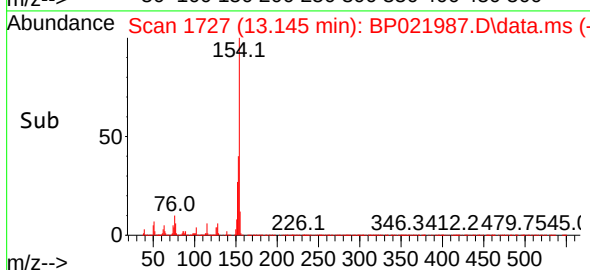
Supervised By :mohammad ahmed 09/25/2024

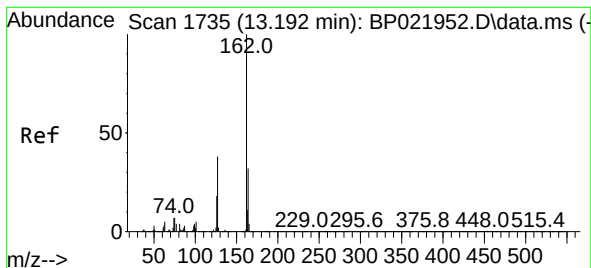


#46
1,1'-Biphenyl
Concen: 45.629 ng
RT: 13.145 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11



Tgt Ion:154 Resp: 579956
Ion Ratio Lower Upper
154 100
153 39.5 20.2 60.2
76 9.9 0.0 29.9





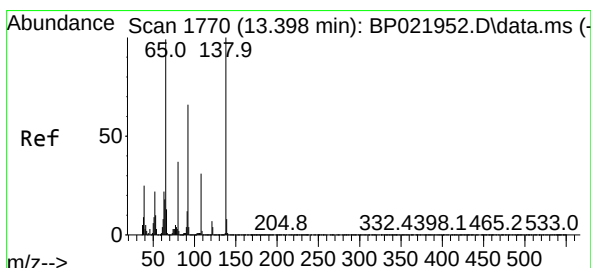
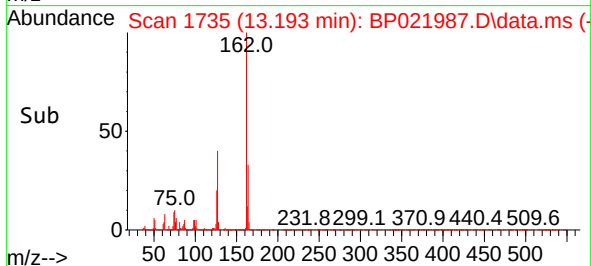
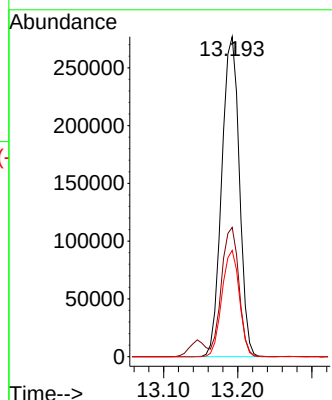
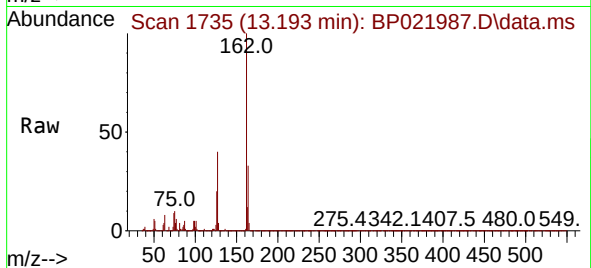
#47
2-Chloronaphthalene
Concen: 44.430 ng
RT: 13.193 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :
BNA_P
ClientSampleId :
PB163555BS

Tgt Ion: 162 Resp: 45662
Ion Ratio Lower Upper
162 100
127 40.4 31.7 47.5
164 33.2 25.9 38.9

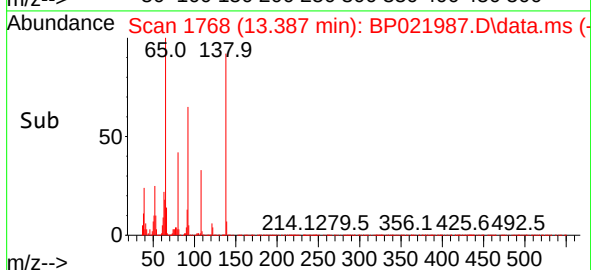
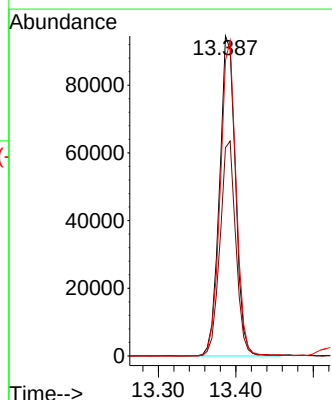
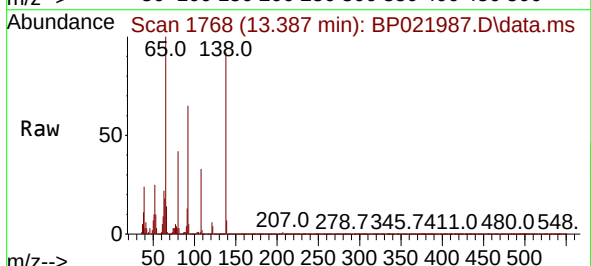
Manual Integrations
APPROVED

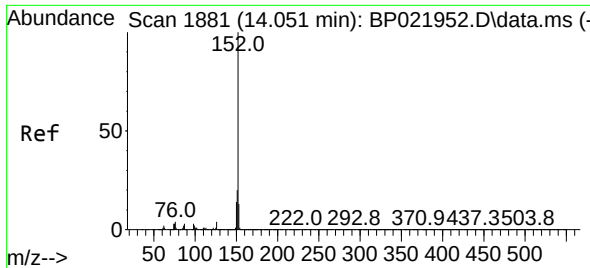
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#48
2-Nitroaniline
Concen: 48.146 ng
RT: 13.387 min Scan# 1768
Delta R.T. -0.012 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion: 65 Resp: 135112
Ion Ratio Lower Upper
65 100
92 65.1 53.2 79.8
138 92.3 81.1 121.7





#49
Acenaphthylene
Concen: 49.199 ng
RT: 14.040 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

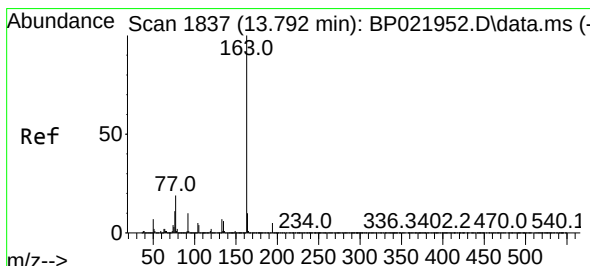
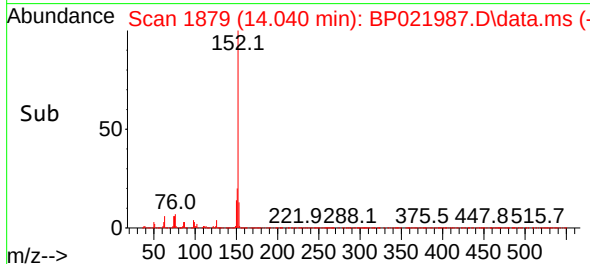
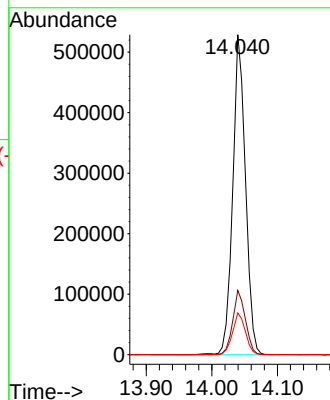
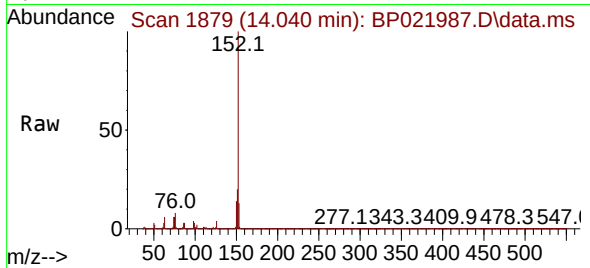
PB163555BS

Tgt Ion:152 Resp: 713484
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.1 10.8 16.2

Manual Integrations

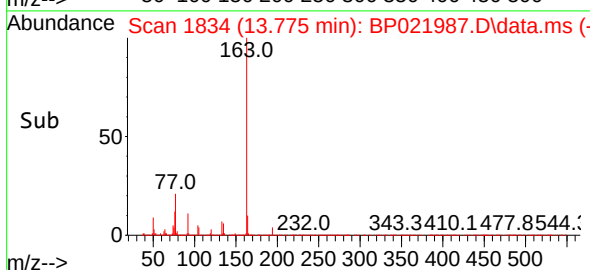
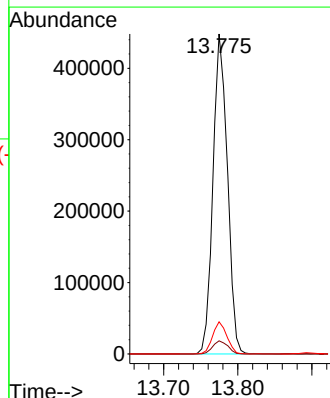
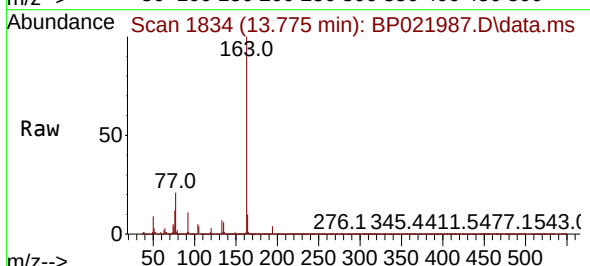
APPROVED

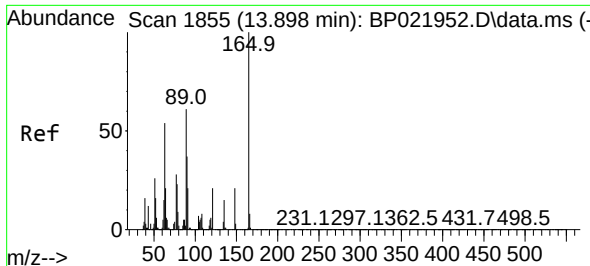
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#50
Dimethylphthalate
Concen: 44.708 ng
RT: 13.775 min Scan# 1834
Delta R.T. -0.018 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:163 Resp: 604450
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 43.001 ng
RT: 13.892 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

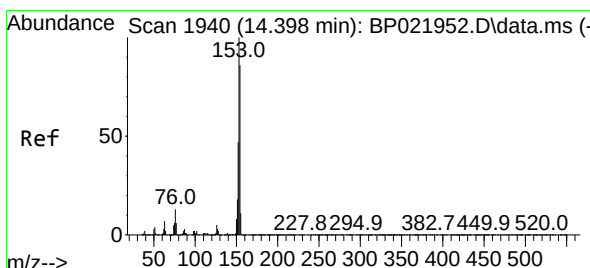
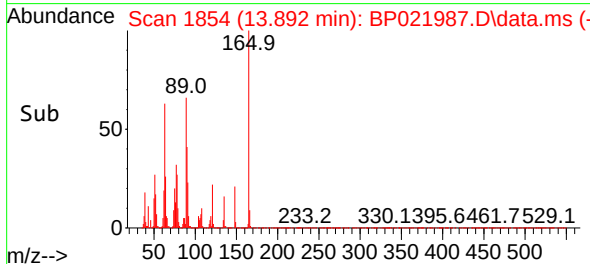
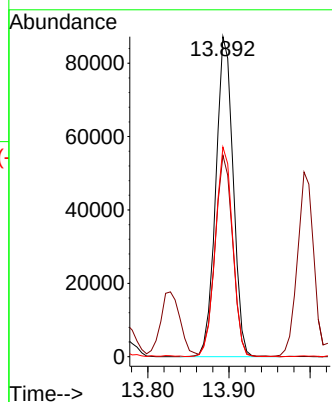
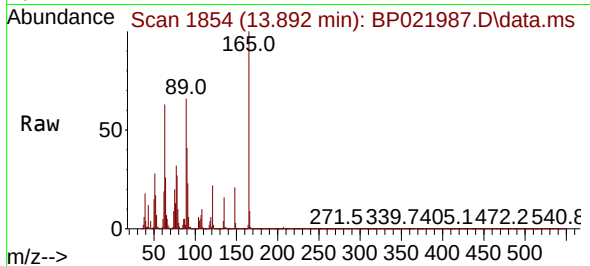
ClientSampleId :

PB163555BS

Tgt Ion:165 Resp: 129548
Ion Ratio Lower Upper
165 100
63 62.9 46.4 69.6
89 65.5 48.5 72.7

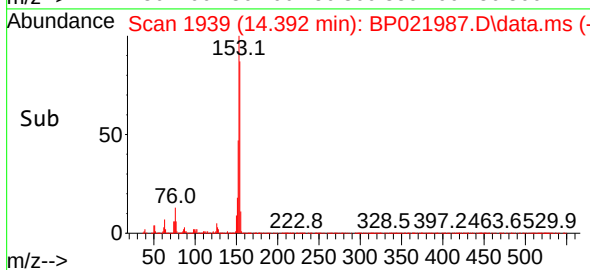
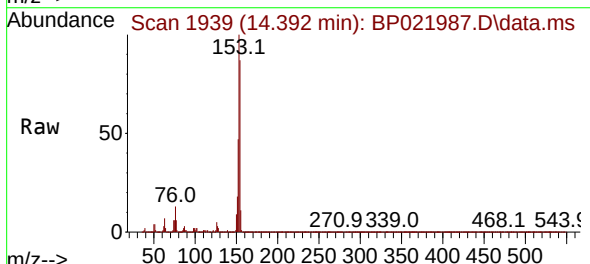
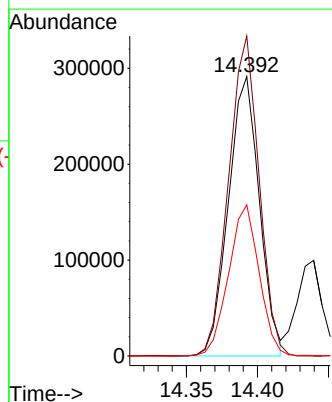
Manual Integrations
APPROVED

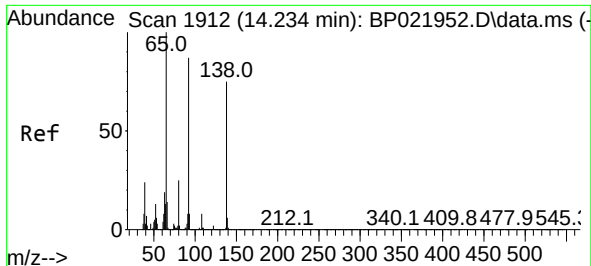
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#52
Acenaphthene
Concen: 46.794 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

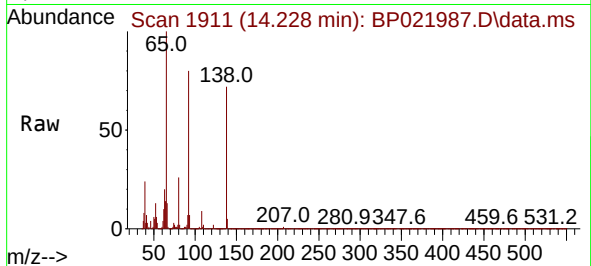
Tgt Ion:154 Resp: 441655
Ion Ratio Lower Upper
154 100
153 114.6 92.7 139.1
152 54.2 43.6 65.4





#53
3-Nitroaniline
Concen: 29.964 ng
RT: 14.228 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

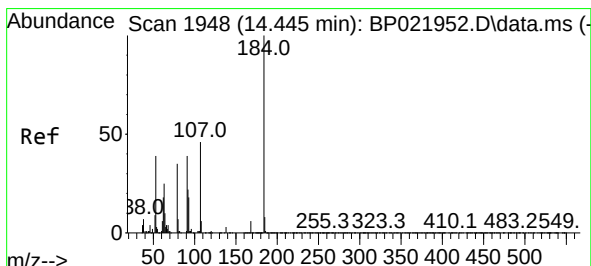
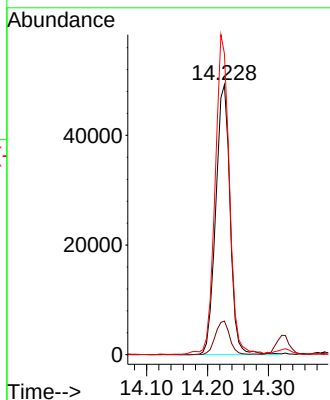
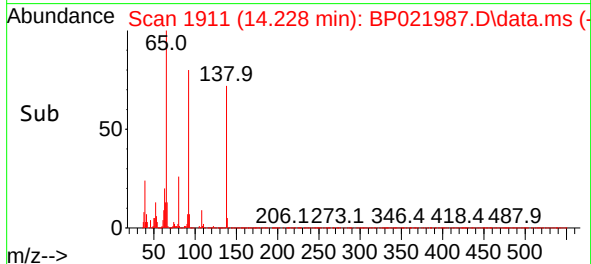
Instrument :
BNA_P
ClientSampleId :
PB163555BS



Tgt Ion:138 Resp: 80452
Ion Ratio Lower Upper
138 100
108 12.4 9.0 13.4
92 111.5 92.8 139.2

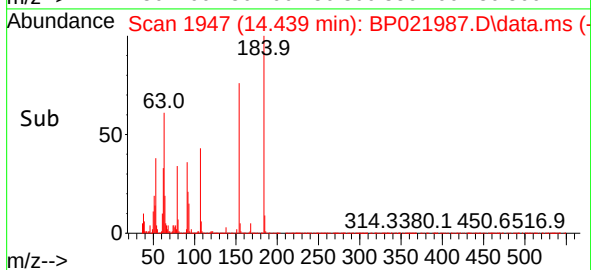
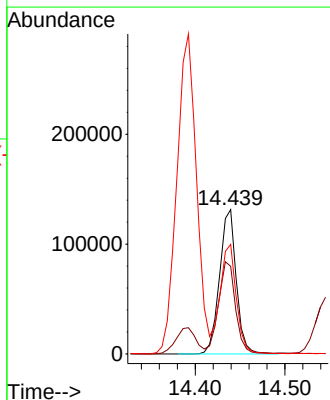
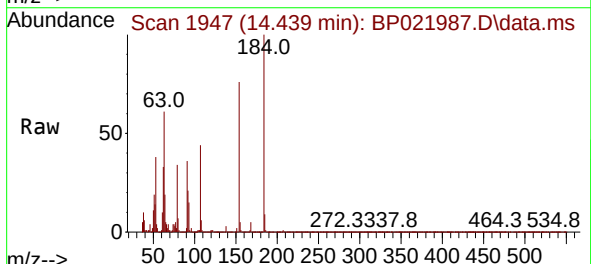
Manual Integrations
APPROVED

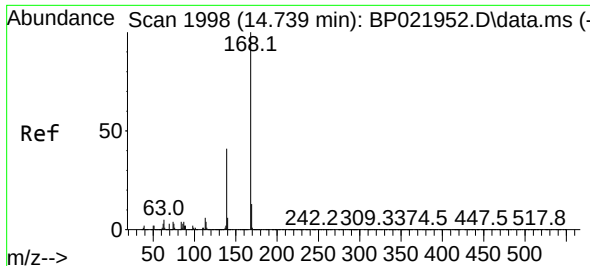
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#54
2,4-Dinitrophenol
Concen: 96.460 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:184 Resp: 170267
Ion Ratio Lower Upper
184 100
63 60.8 49.0 73.6
154 76.0 58.1 87.1





#55
Dibenzenofuran
Concen: 48.007 ng
RT: 14.734 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

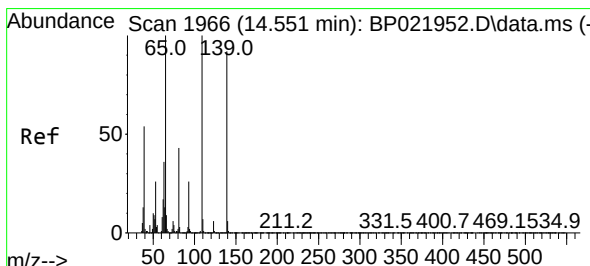
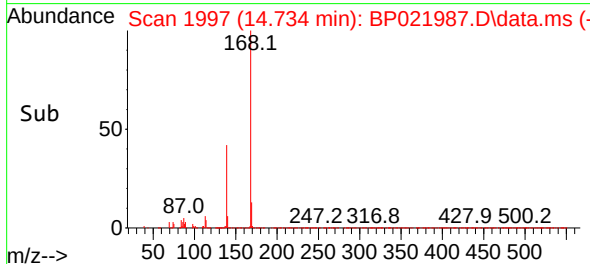
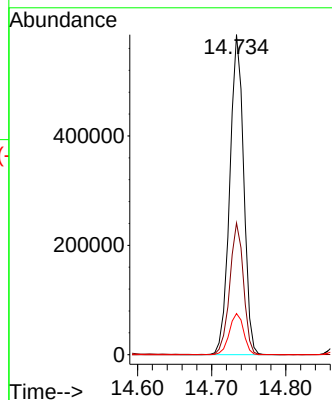
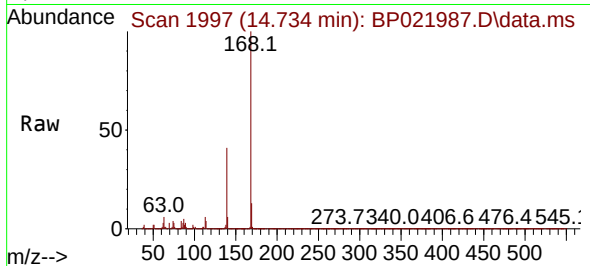
ClientSampleId :

PB163555BS

Tgt Ion:168 Resp: 761600
Ion Ratio Lower Upper
168 100
139 41.2 33.0 49.4
169 12.9 10.7 16.1

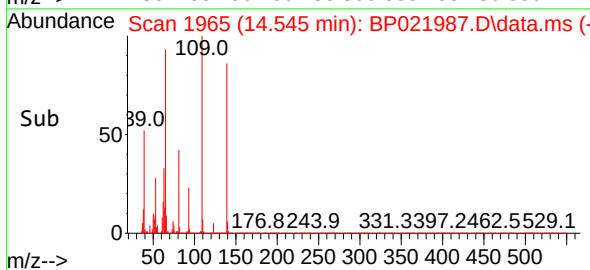
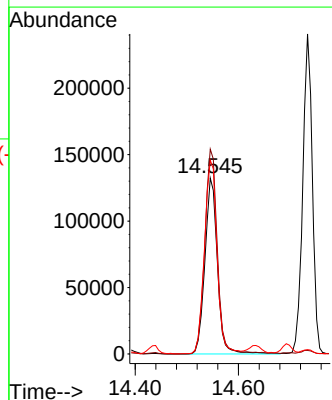
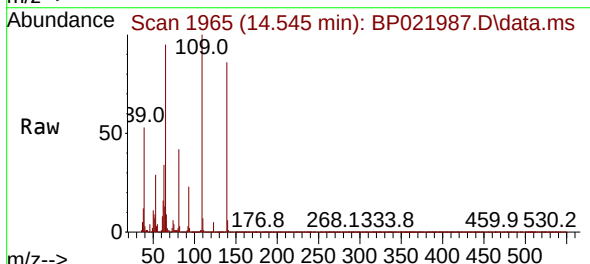
Manual Integrations
APPROVED

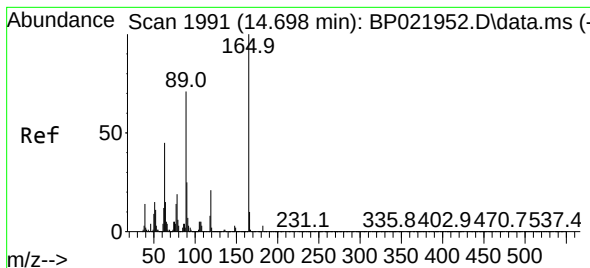
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#56
4-Nitrophenol
Concen: 94.965 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:139 Resp: 221937
Ion Ratio Lower Upper
139 100
109 116.5 88.6 128.6
65 110.2 88.7 128.7





#57
2,4-Dinitrotoluene
Concen: 45.193 ng
RT: 14.692 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

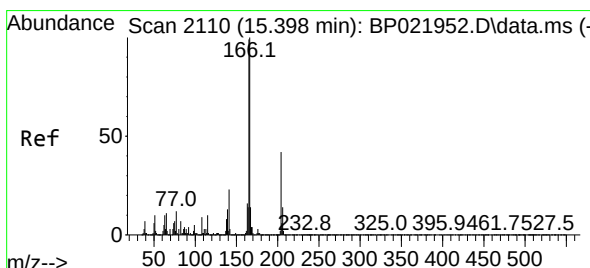
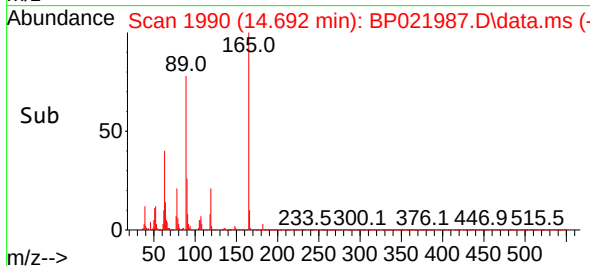
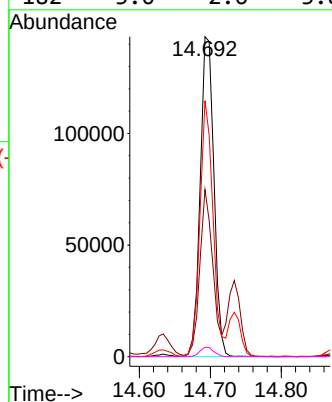
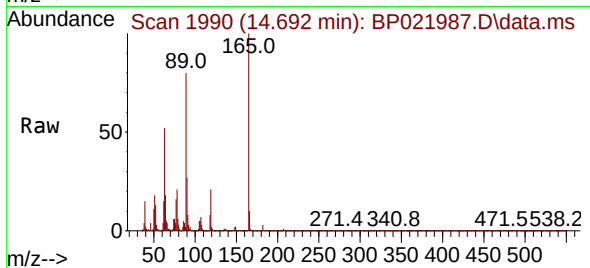
PB163555BS

Tgt Ion:165 Resp: 192479
Ion Ratio Lower Upper
165 100
63 52.2 36.3 54.5
89 80.0 57.2 85.8
182 3.0 2.6 3.8

Manual Integrations

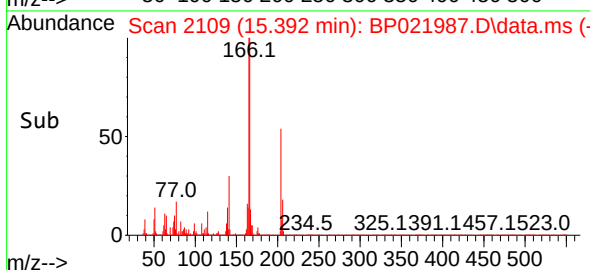
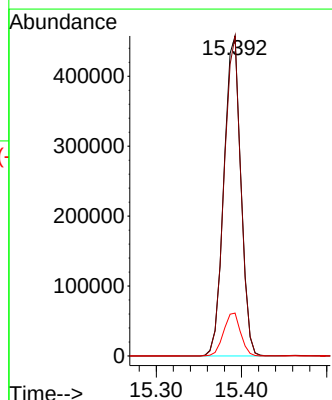
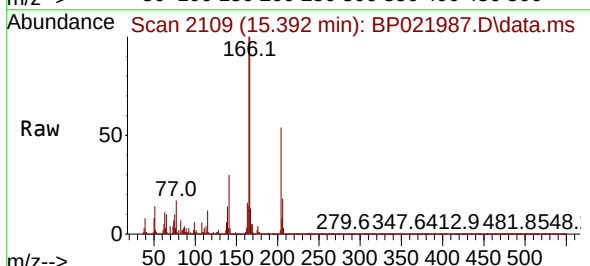
APPROVED

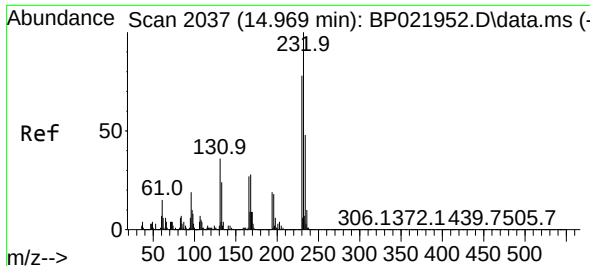
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#58
Fluorene
Concen: 47.563 ng
RT: 15.392 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:166 Resp: 630126
Ion Ratio Lower Upper
166 100
165 99.9 79.4 119.2
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.024 ng
RT: 14.963 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

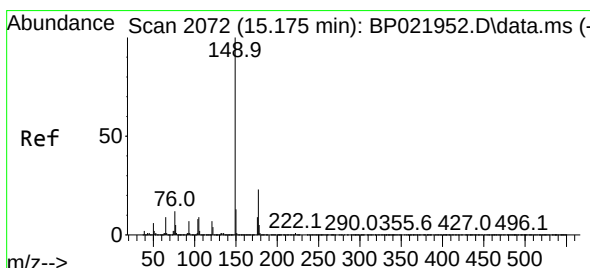
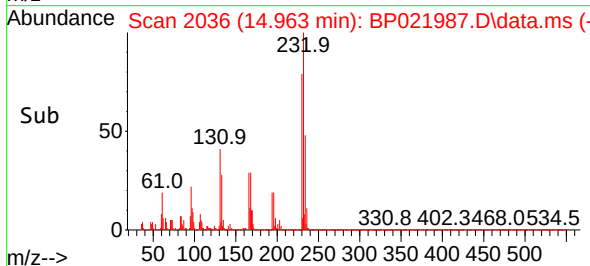
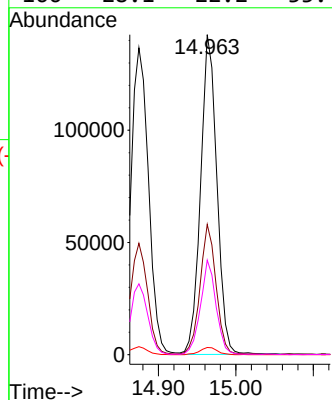
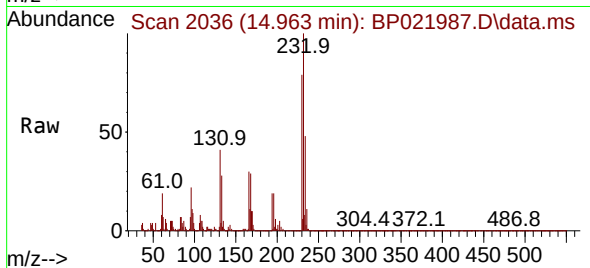
PB163555BS

Tgt Ion:232 Resp: 208130
Ion Ratio Lower Upper
232 100
131 40.0 30.2 45.4
130 2.4 1.9 2.9
166 28.1 22.2 33.4

Manual Integrations

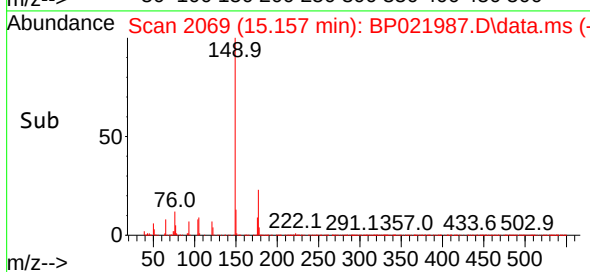
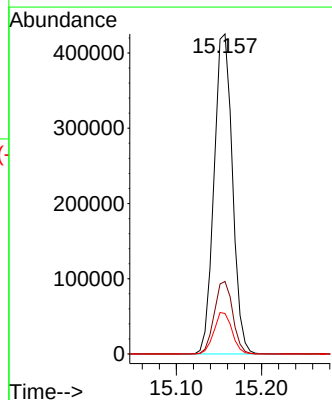
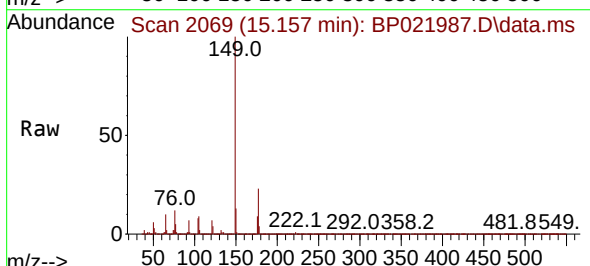
APPROVED

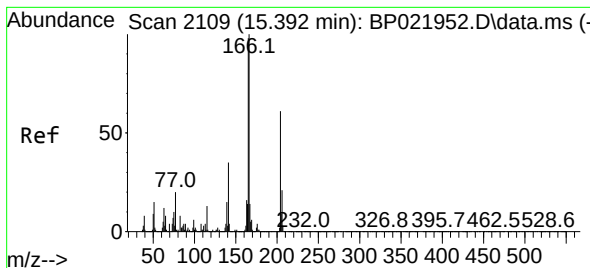
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#60
Diethylphthalate
Concen: 46.354 ng
RT: 15.157 min Scan# 2069
Delta R.T. -0.018 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:149 Resp: 636839
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.4
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.953 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

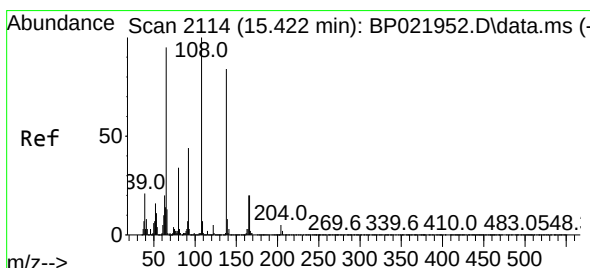
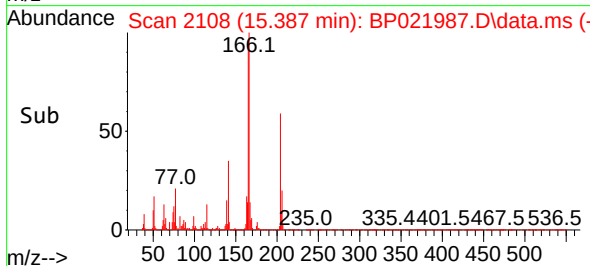
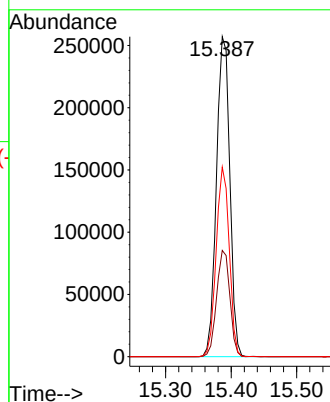
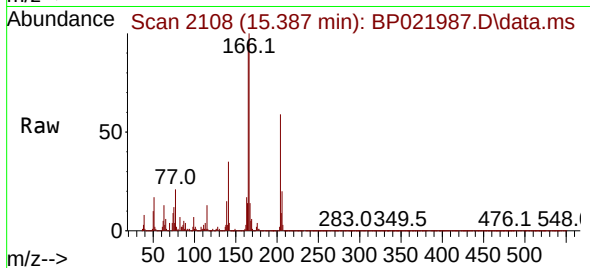
PB163555BS

Tgt Ion:204 Resp: 362149
Ion Ratio Lower Upper
204 100
206 33.2 27.3 40.9
141 59.3 45.7 68.5

Manual Integrations

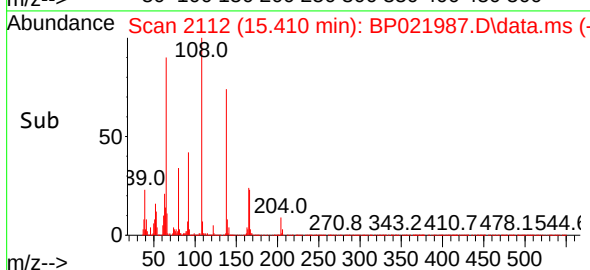
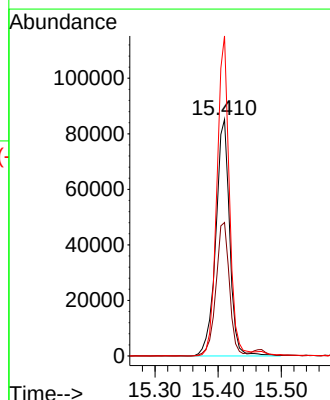
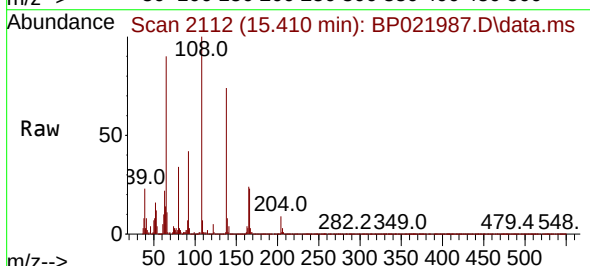
APPROVED

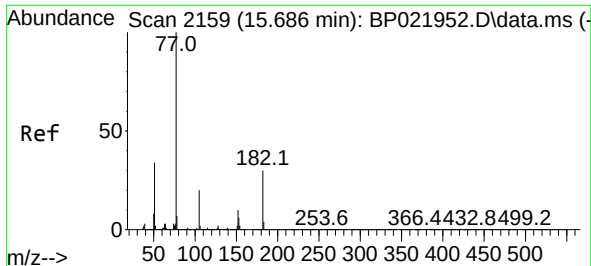
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#62
4-Nitroaniline
Concen: 44.022 ng
RT: 15.410 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

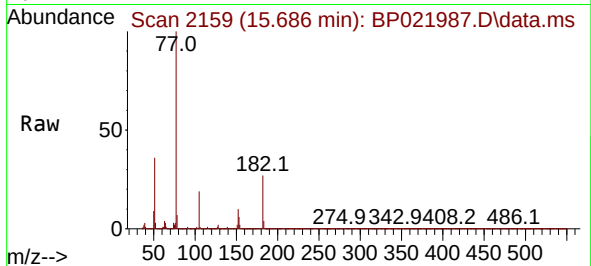
Tgt Ion:138 Resp: 129970
Ion Ratio Lower Upper
138 100
92 56.4 32.6 72.6
108 135.3 98.6 138.6





#63
Azobenzene
Concen: 51.083 ng
RT: 15.686 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

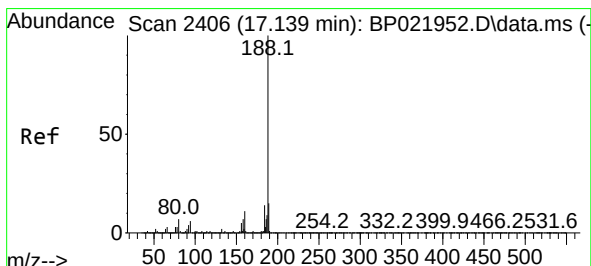
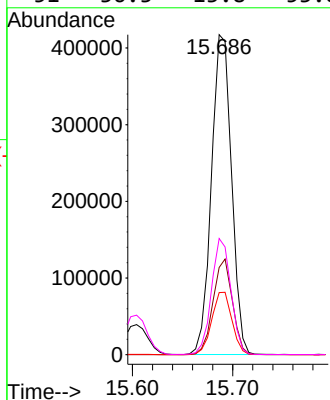
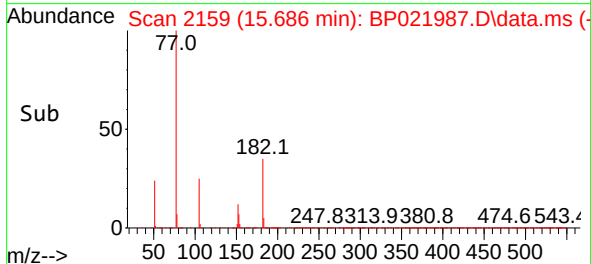
Instrument :
BNA_P
ClientSampleId :
PB163555BS



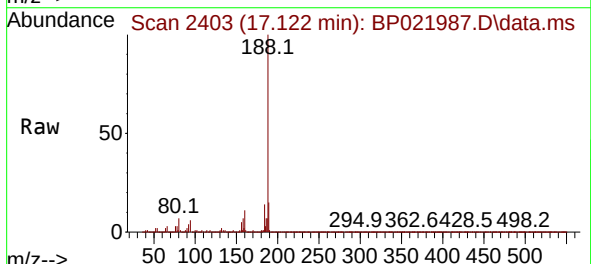
Tgt Ion: 77 Resp: 580760
Ion Ratio Lower Upper
77 100
182 27.2 9.6 49.6
105 19.4 0.0 39.8
51 36.3 13.8 53.8

Manual Integrations
APPROVED

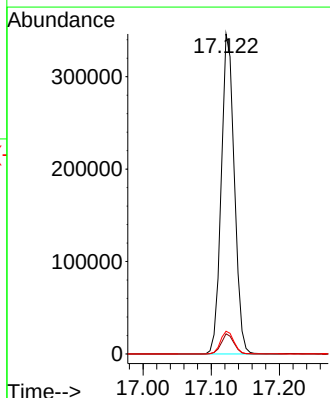
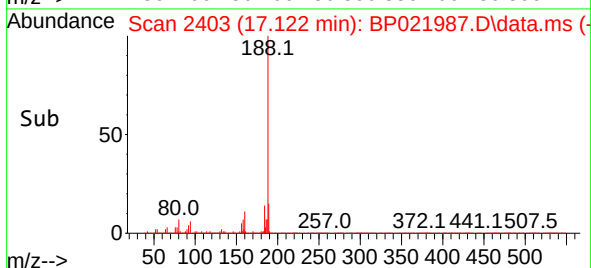
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

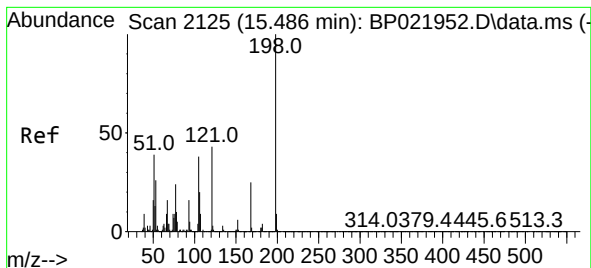


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.122 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11



Tgt Ion:188 Resp: 463872
Ion Ratio Lower Upper
188 100
94 6.3 4.6 6.8
80 7.1 5.4 8.2





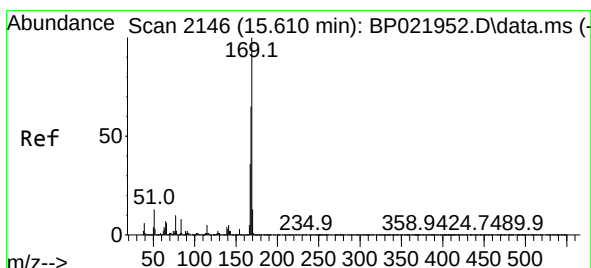
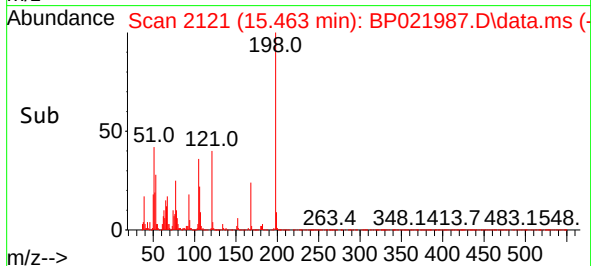
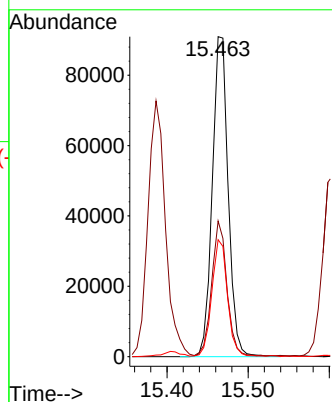
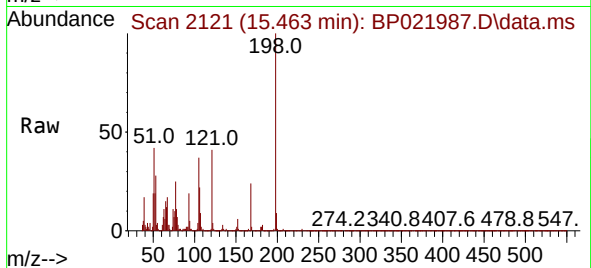
#65
4,6-Dinitro-2-methylphenol
Concen: 45.933 ng
RT: 15.463 min Scan# 2125
Delta R.T. -0.024 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :
BNA_P
ClientSampleId :
PB163555BS

Tgt Ion:198 Resp: 12350
Ion Ratio Lower Upper
198 100
51 42.4 20.7 60.7
105 36.6 18.4 58.4

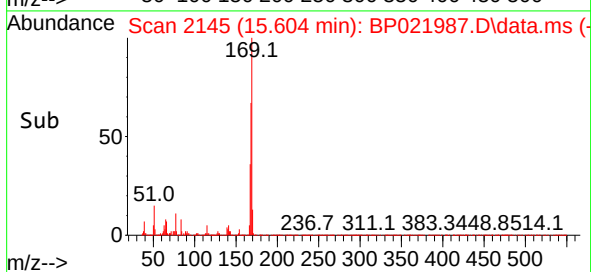
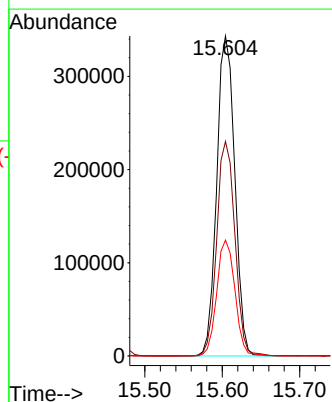
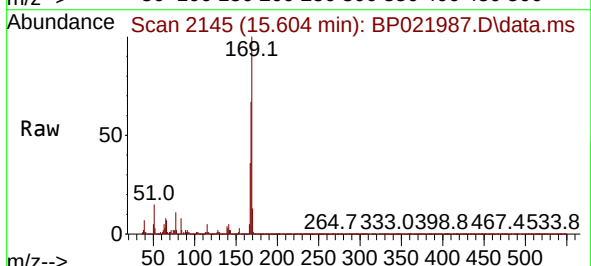
Manual Integrations
APPROVED

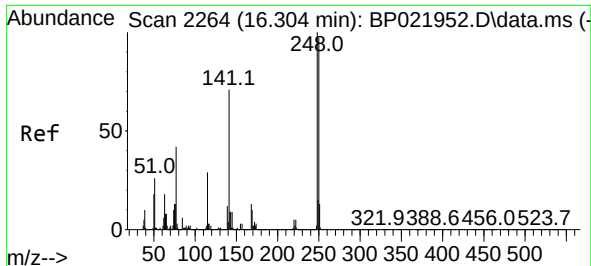
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#66
n-Nitrosodiphenylamine
Concen: 48.076 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:169 Resp: 555289
Ion Ratio Lower Upper
169 100
168 67.1 52.2 78.4
167 36.2 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 46.841 ng
RT: 16.298 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

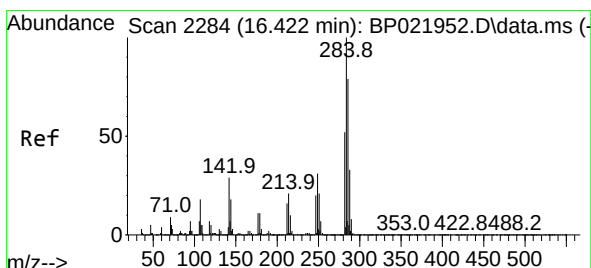
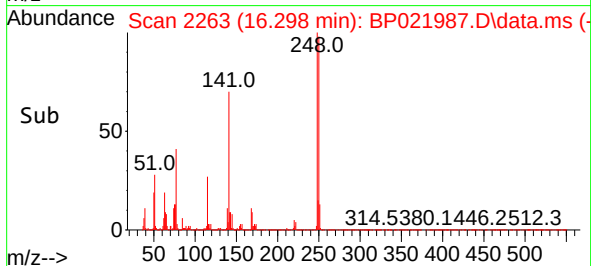
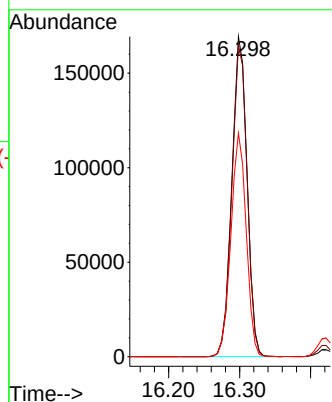
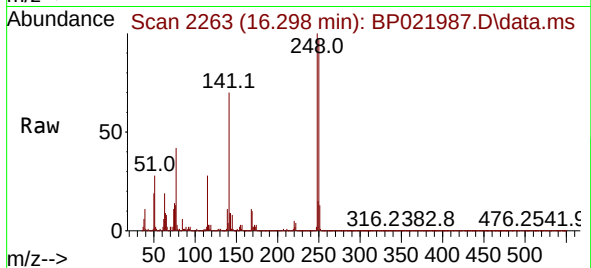
PB163555BS

Tgt Ion:248 Resp: 253289
Ion Ratio Lower Upper
248 100
250 97.4 77.5 116.3
141 69.8 56.5 84.7

Manual Integrations

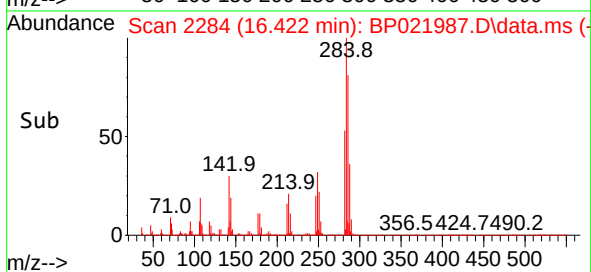
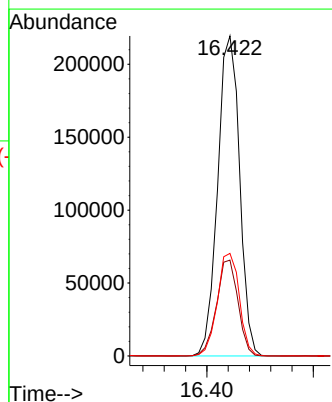
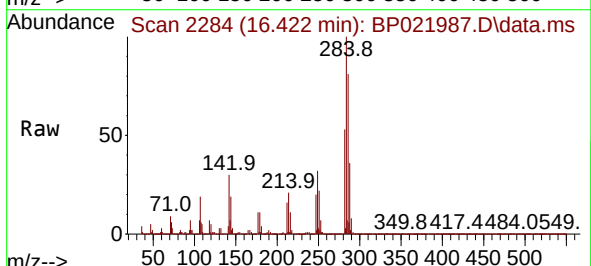
APPROVED

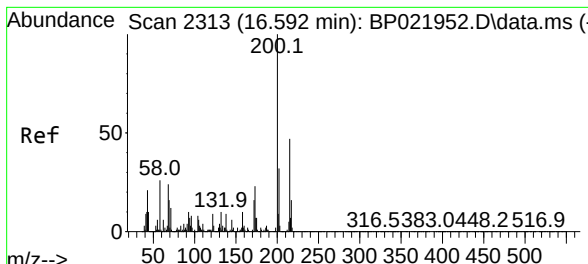
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#68
Hexachlorobenzene
Concen: 46.358 ng
RT: 16.422 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

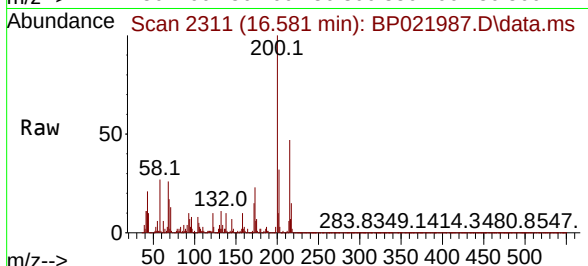
Tgt Ion:284 Resp: 312538
Ion Ratio Lower Upper
284 100
142 29.9 22.9 34.3
249 32.0 25.2 37.8





#69
Atrazine
Concen: 58.205 ng
RT: 16.581 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

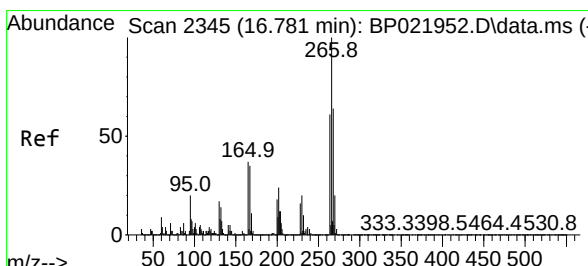
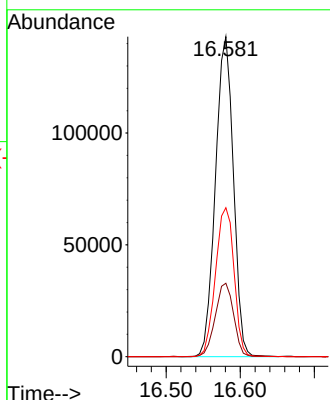
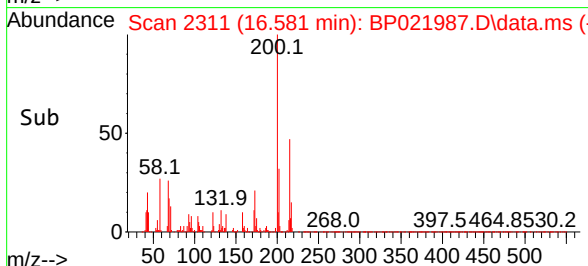
Instrument :
BNA_P
ClientSampleId :
PB163555BS



Tgt Ion:200 Resp: 24087
Ion Ratio Lower Upper
200 100
173 22.9 3.0 43.0
215 46.6 27.4 67.4

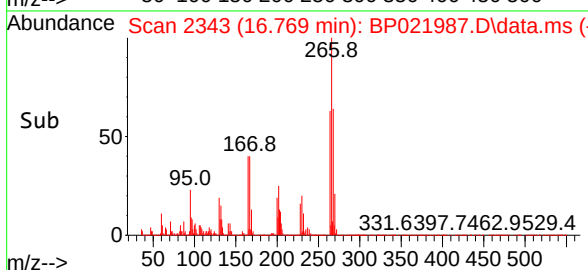
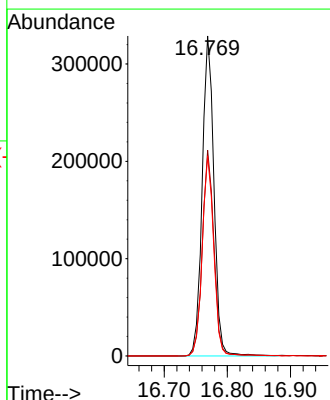
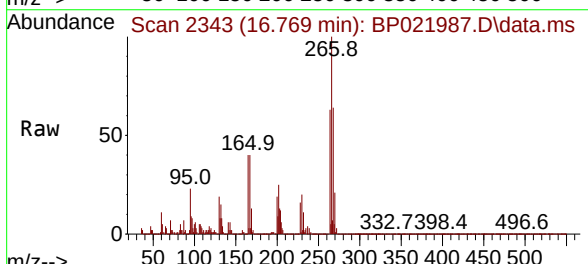
Manual Integrations
APPROVED

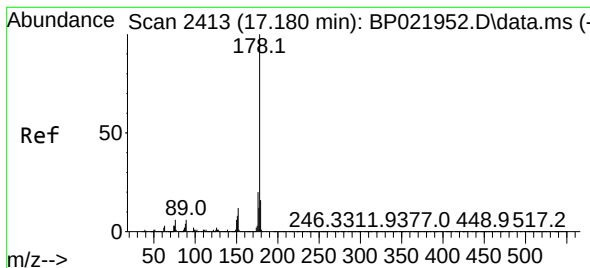
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#70
Pentachlorophenol
Concen: 93.869 ng
RT: 16.769 min Scan# 2343
Delta R.T. -0.012 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:266 Resp: 425766
Ion Ratio Lower Upper
266 100
268 64.3 51.1 76.7
264 62.6 48.6 72.8





#71

Phenanthrene

Concen: 48.396 ng

RT: 17.163 min Scan# 2410

Delta R.T. -0.018 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS

Tgt Ion:178 Resp: 107765

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

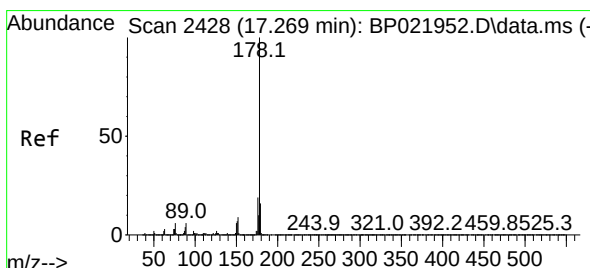
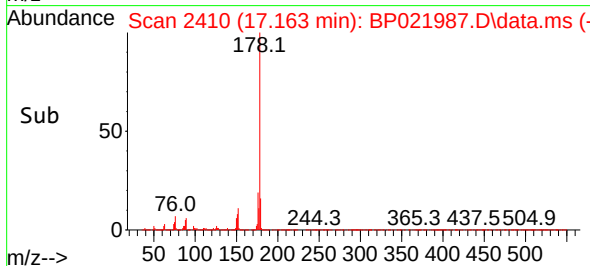
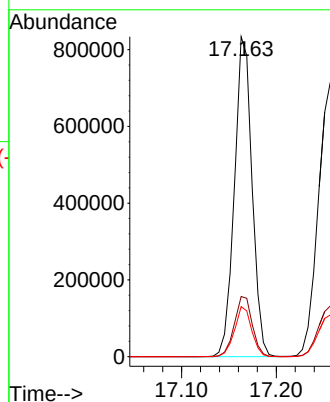
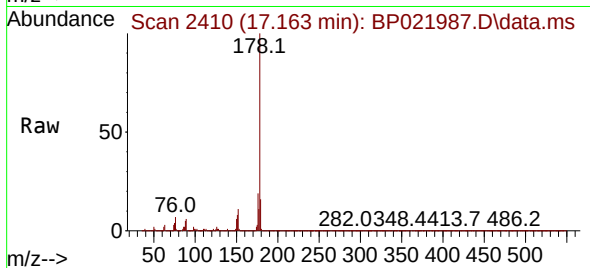
179 15.6 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#72

Anthracene

Concen: 51.046 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.012 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

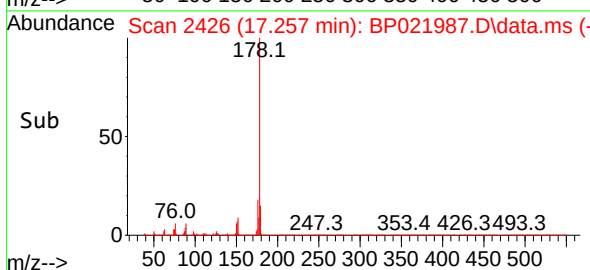
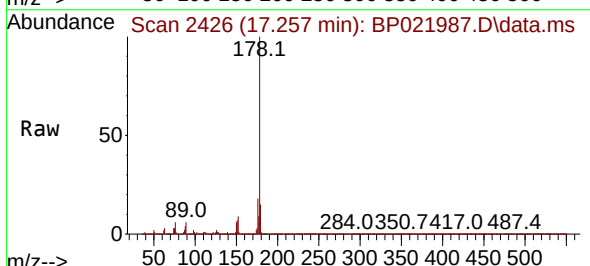
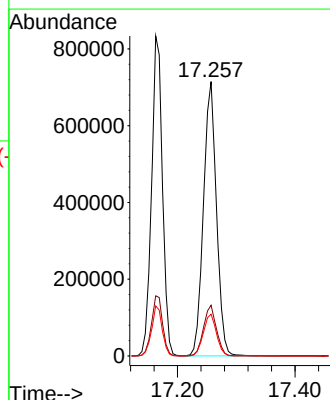
Tgt Ion:178 Resp: 1100307

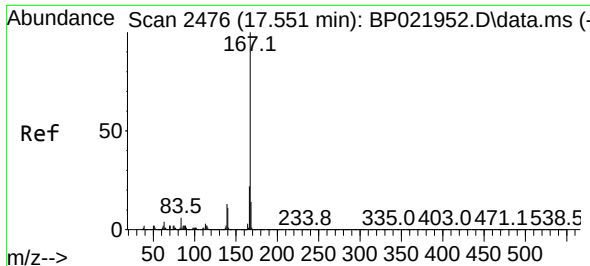
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

179 15.2 12.6 18.8





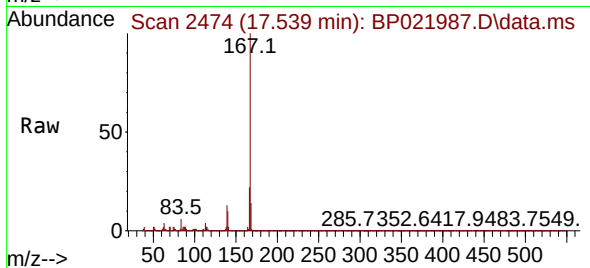
#73
 Carbazole
 Concen: 48.357 ng
 RT: 17.539 min Scan# 2476
 Delta R.T. -0.012 min
 Lab File: BP021987.D
 Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS



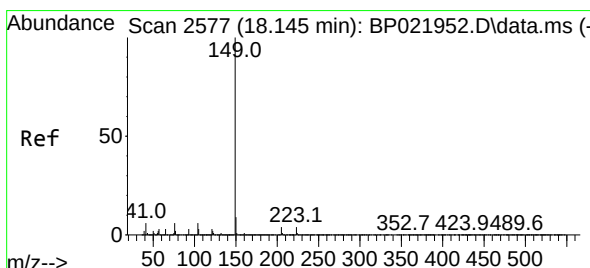
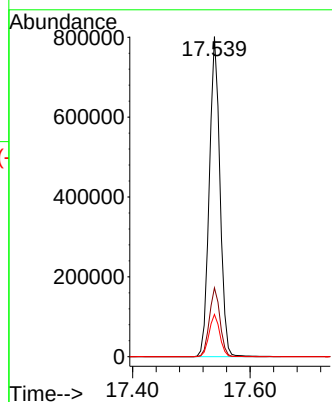
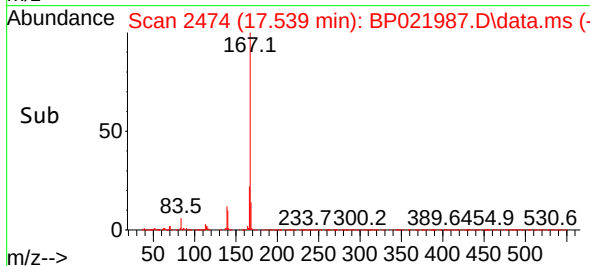
Tgt Ion:167 Resp: 1006740
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.2 10.5 15.7

Manual Integrations

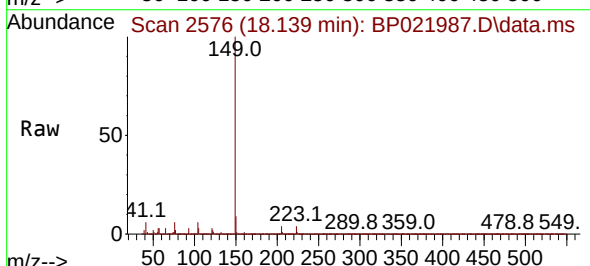
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

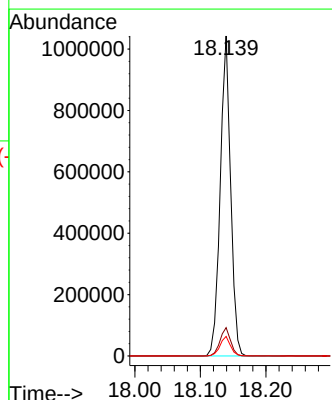
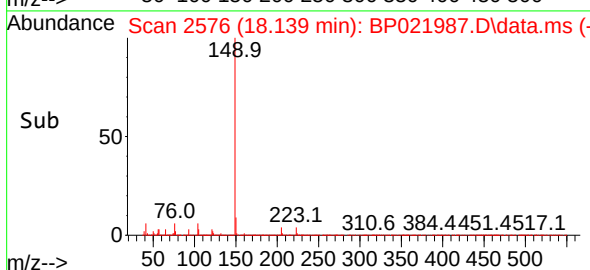
Supervised By :mohammad ahmed 09/25/2024

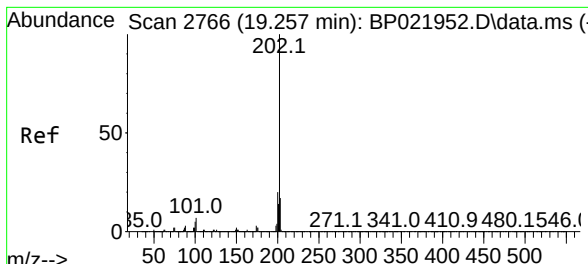


#74
 Di-n-butylphthalate
 Concen: 46.578 ng
 RT: 18.139 min Scan# 2576
 Delta R.T. -0.006 min
 Lab File: BP021987.D
 Acq: 23 Sep 2024 18:11



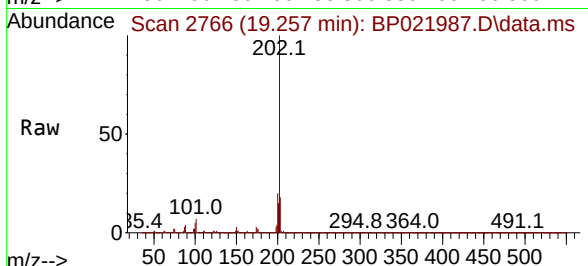
Tgt Ion:149 Resp: 1138921
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 6.1 4.6 6.8





#75
Fluoranthene
Concen: 47.060 ng
RT: 19.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

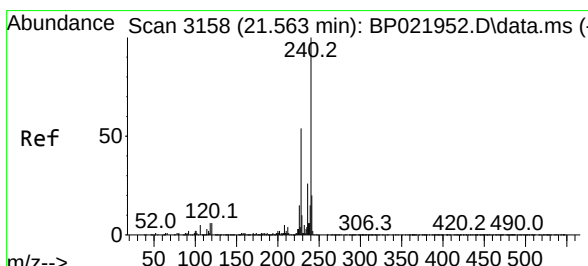
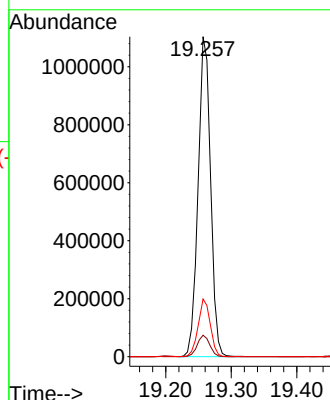
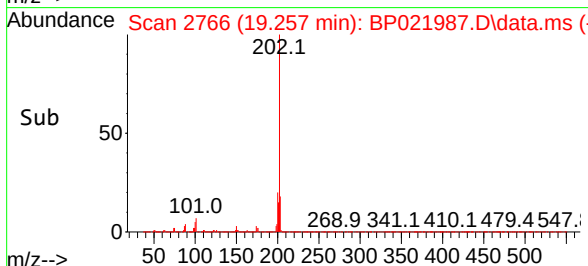
Instrument :
BNA_P
ClientSampleId :
PB163555BS



Tgt Ion:202 Resp: 146266
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.5
203 18.1 0.0 37.3

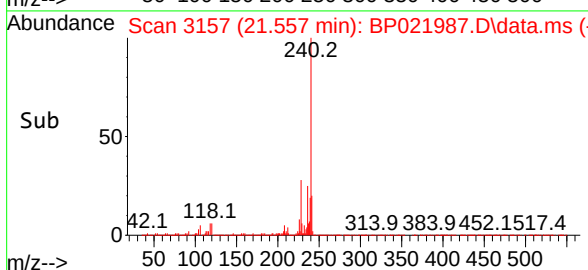
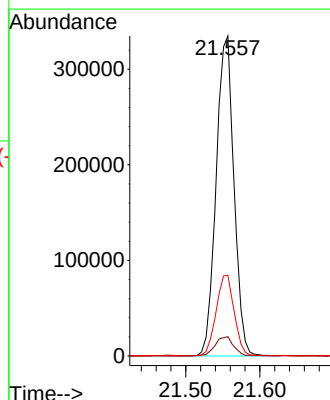
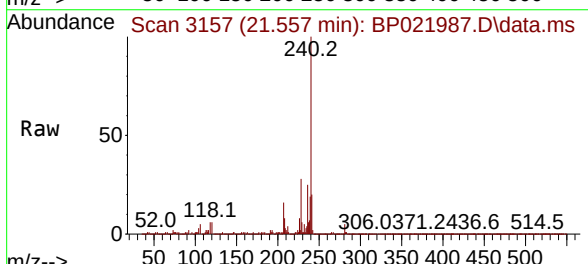
Manual Integrations
APPROVED

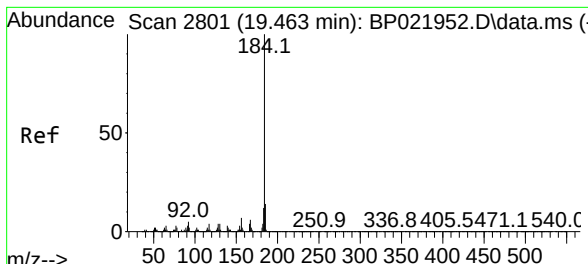
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.557 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:240 Resp: 558652
Ion Ratio Lower Upper
240 100
120 6.1 5.1 7.7
236 25.2 20.7 31.1





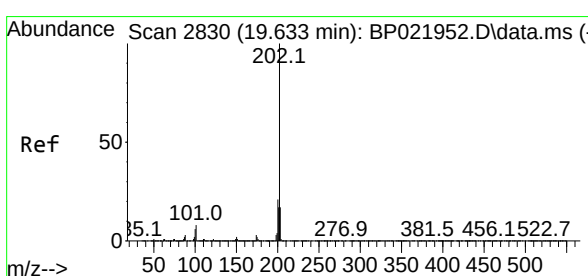
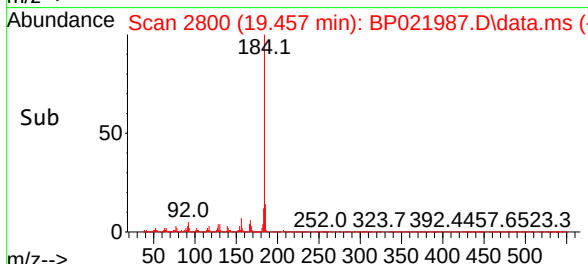
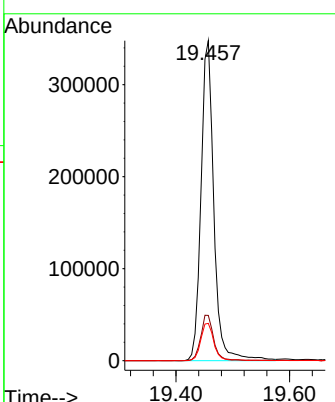
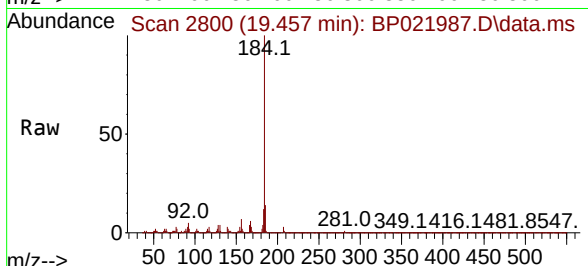
#77
Benzidine
Concen: 79.491 ng
RT: 19.457 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Instrument : BNA_P
ClientSampleId : PB163555BS

Tgt Ion:	184	Resp:	54268
Ion Ratio	Lower	Upper	
184	100		
185	14.2	10.9	16.3
183	11.6	9.2	13.8

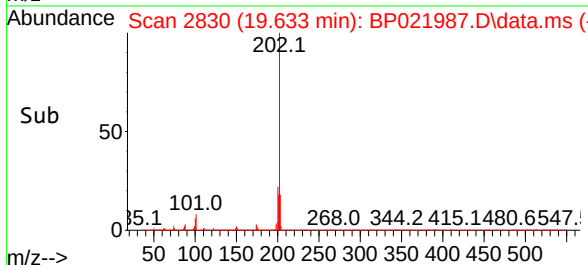
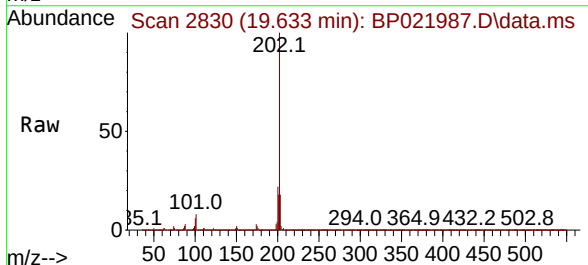
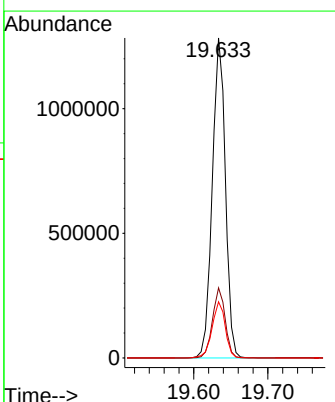
Manual Integrations
APPROVED

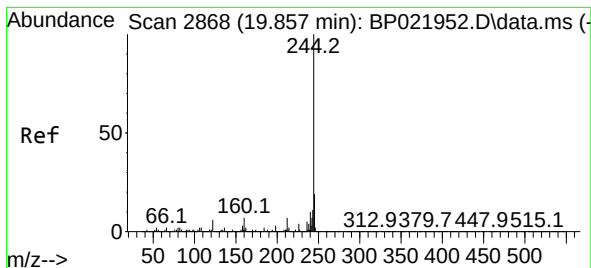
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#78
Pyrene
Concen: 46.562 ng
RT: 19.633 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BP021987.D
Acq: 23 Sep 2024 18:11

Tgt Ion:	202	Resp:	1573561
Ion Ratio	Lower	Upper	
202	100		
200	21.9	16.8	25.2
203	17.6	13.8	20.8





#79

Terphenyl-d14

Concen: 93.204 ng

RT: 19.857 min Scan# 2868

Delta R.T. 0.000 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS

Tgt Ion:244 Resp: 277185

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

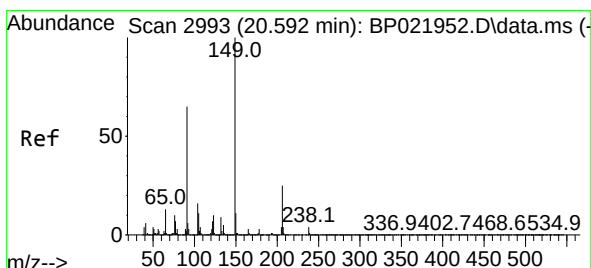
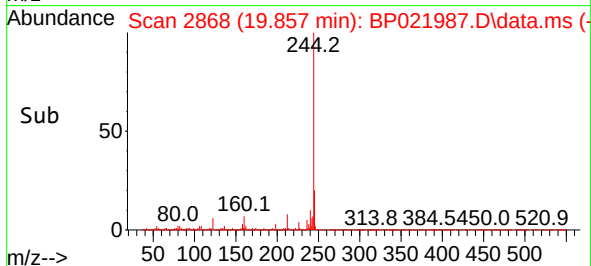
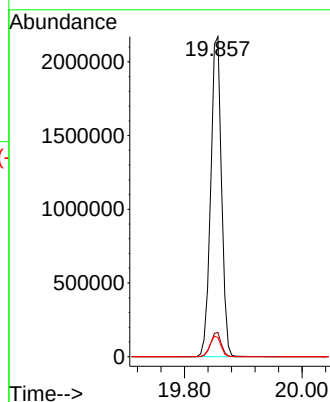
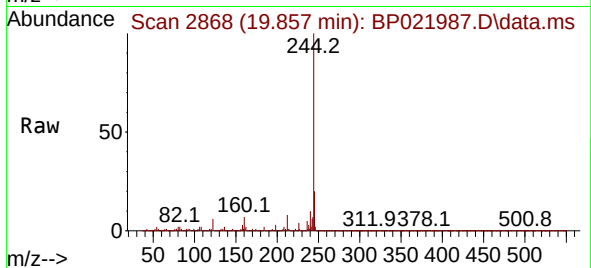
122 6.0 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#80

Butylbenzylphthalate

Concen: 45.895 ng

RT: 20.586 min Scan# 2992

Delta R.T. -0.006 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

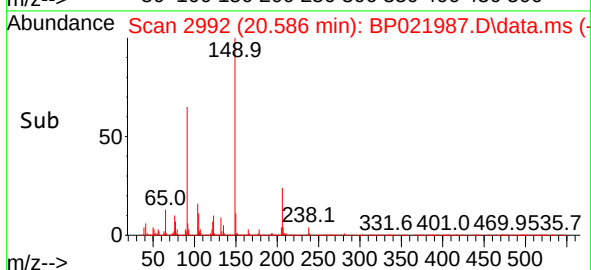
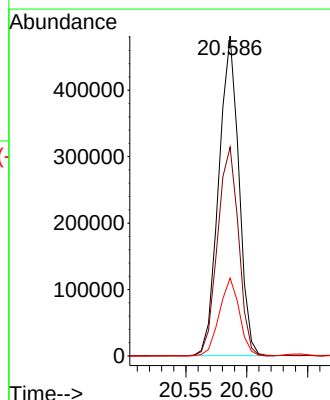
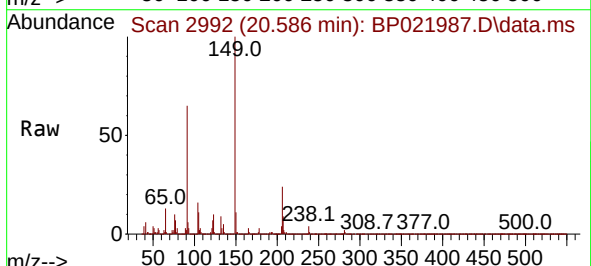
Tgt Ion:149 Resp: 553199

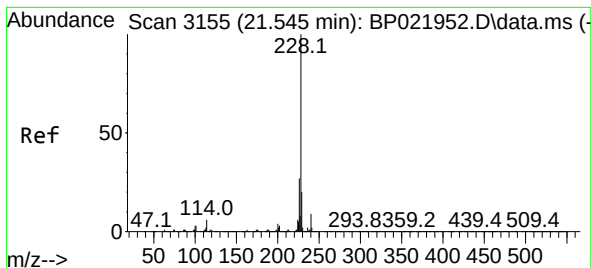
Ion Ratio Lower Upper

149 100

91 65.3 51.9 77.9

206 24.3 20.1 30.1





#81

Benzo(a)anthracene

Concen: 48.662 ng

RT: 21.533 min Scan# 3153

Delta R.T. -0.012 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS

Tgt Ion:228 Resp: 1746810

Ion Ratio Lower Upper

228 100

226 26.6 21.5 32.3

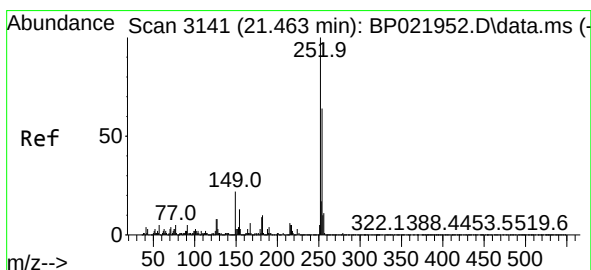
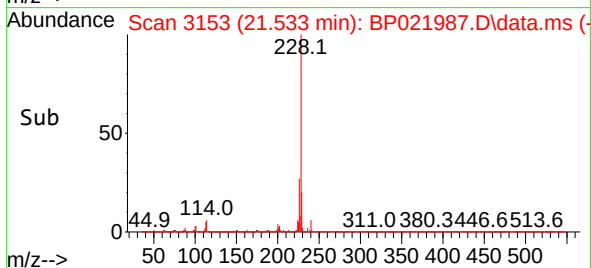
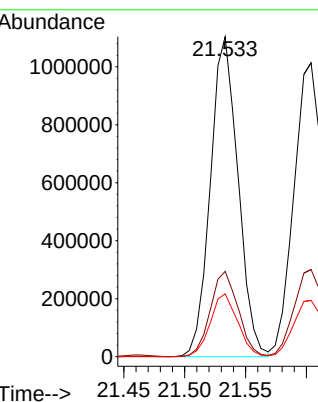
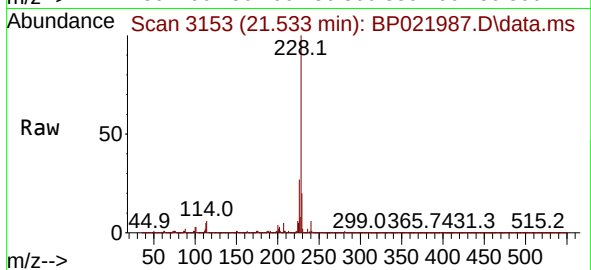
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#82

3,3'-Dichlorobenzidine

Concen: 35.477 ng

RT: 21.463 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

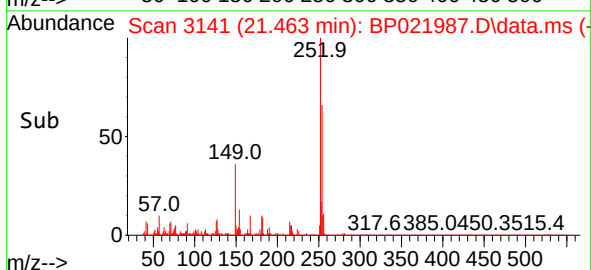
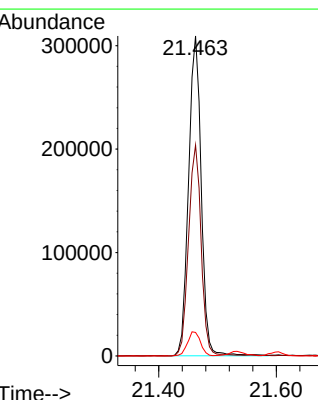
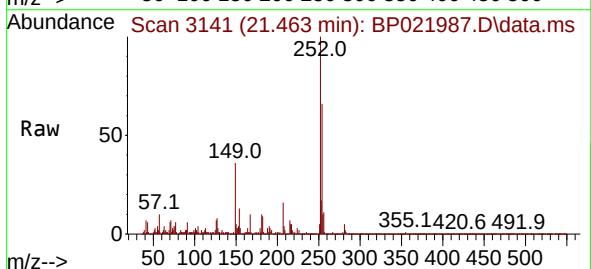
Tgt Ion:252 Resp: 462072

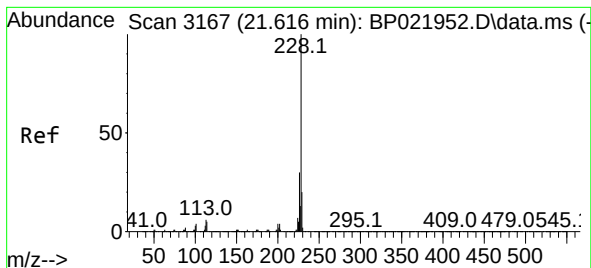
Ion Ratio Lower Upper

252 100

254 65.9 51.4 77.2

126 7.3 6.2 9.4





#83

Chrysene

Concen: 48.769 ng

RT: 21.604 min Scan# 3165

Delta R.T. -0.012 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS

Tgt Ion:228 Resp: 1648318

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.4

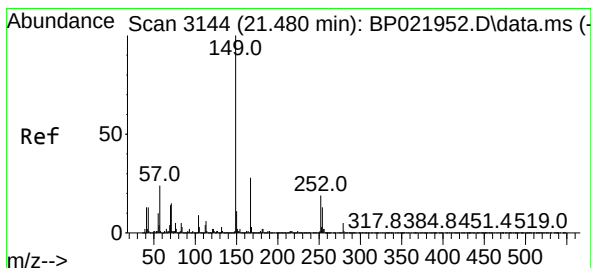
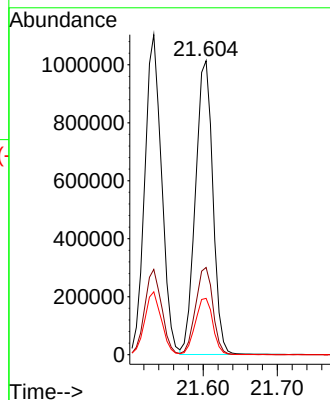
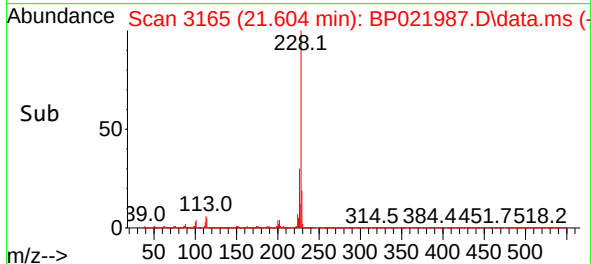
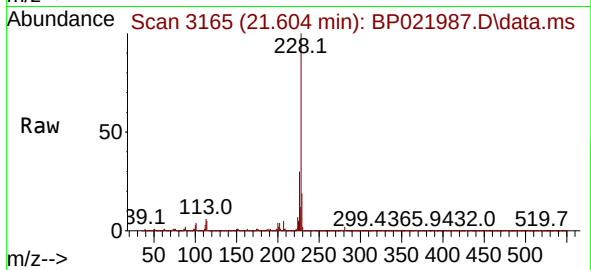
229 19.1 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.282 ng

RT: 21.480 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

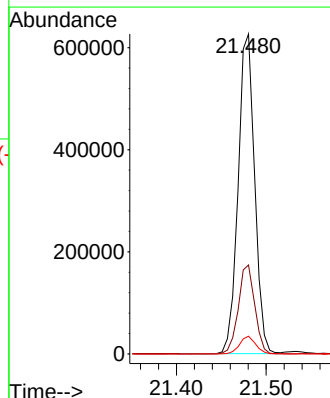
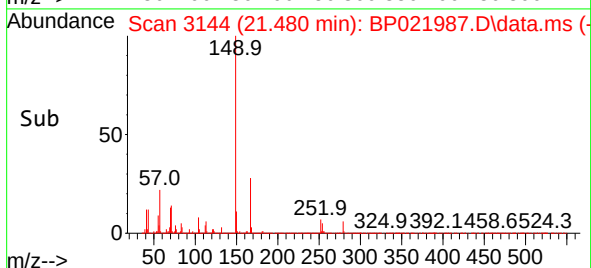
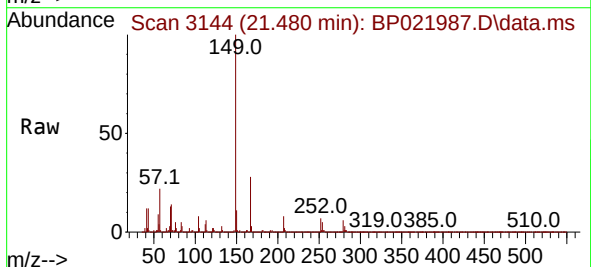
Tgt Ion:149 Resp: 801075

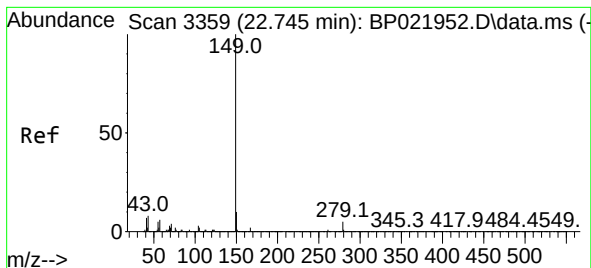
Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

279 5.6 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 45.744 ng

RT: 22.739 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS

Tgt Ion:149 Resp: 137445

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

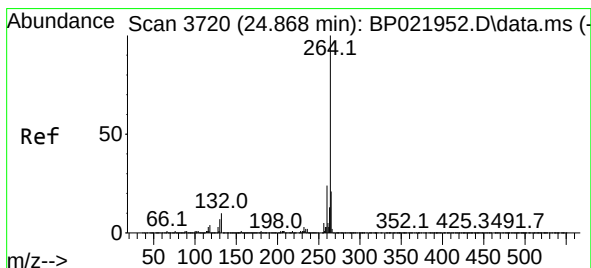
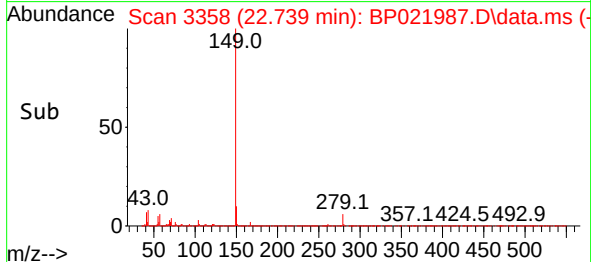
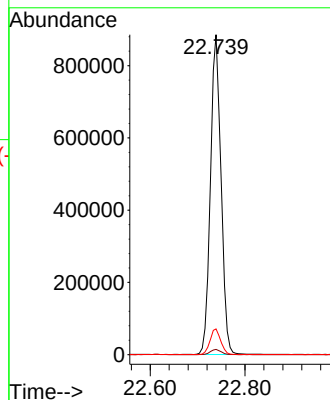
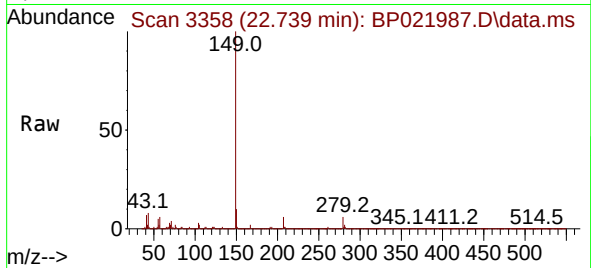
43 8.1 6.2 9.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.845 min Scan# 3716

Delta R.T. -0.024 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

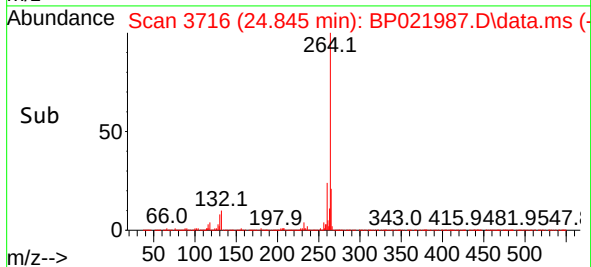
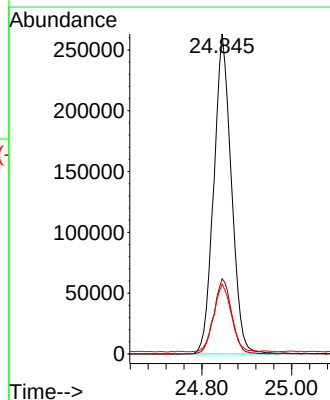
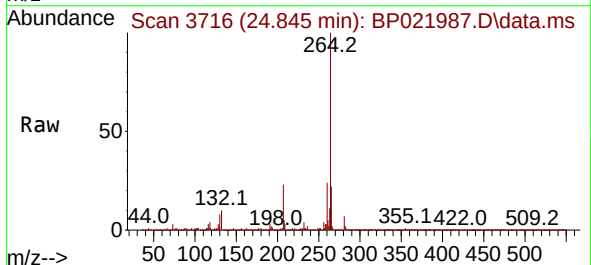
Tgt Ion:264 Resp: 716164

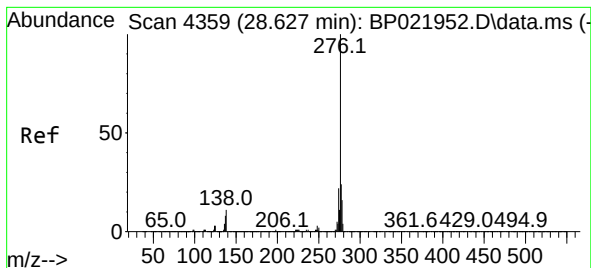
Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.428 ng

RT: 28.580 min Scan# 4359

Delta R.T. -0.047 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS

Tgt Ion:276 Resp: 259249

Ion Ratio Lower Upper

276 100

138 5.9 7.8 11.8

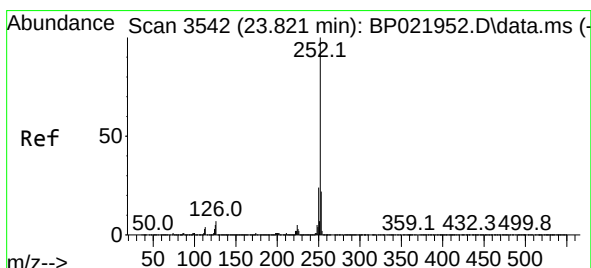
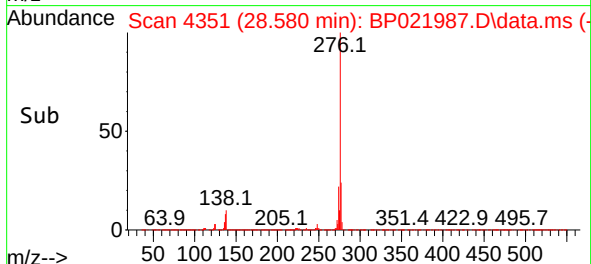
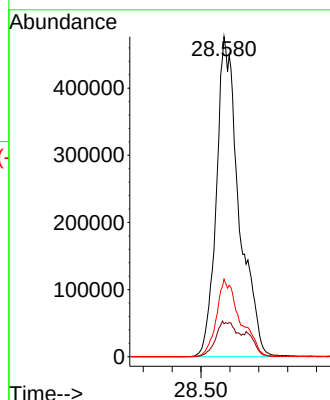
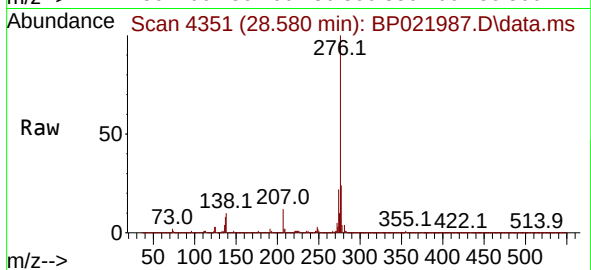
277 25.4 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#88

Benzo(b)fluoranthene

Concen: 45.715 ng

RT: 23.810 min Scan# 3540

Delta R.T. -0.012 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

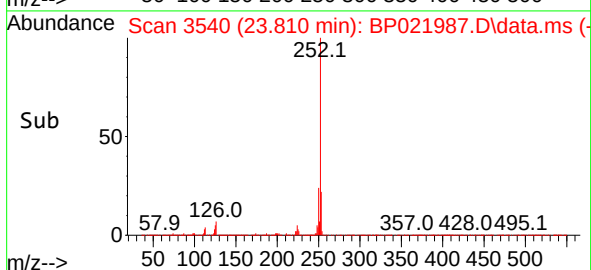
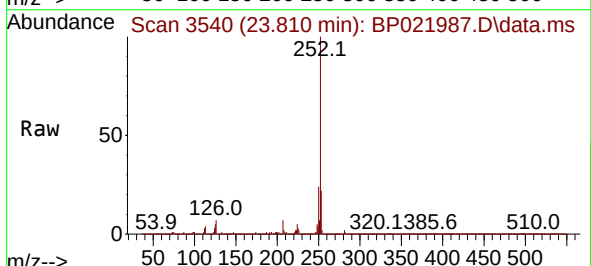
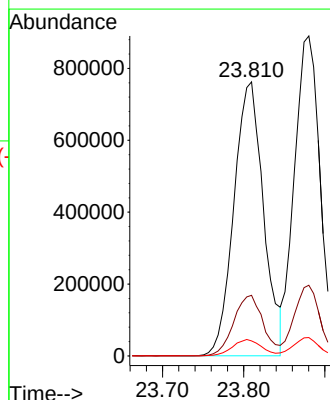
Tgt Ion:252 Resp: 1936237

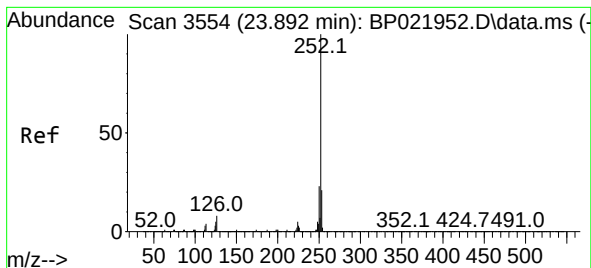
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 5.5 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 48.755 ng

RT: 23.880 min Scan# 3552

Delta R.T. -0.012 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS

Tgt Ion:252 Resp: 195421

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

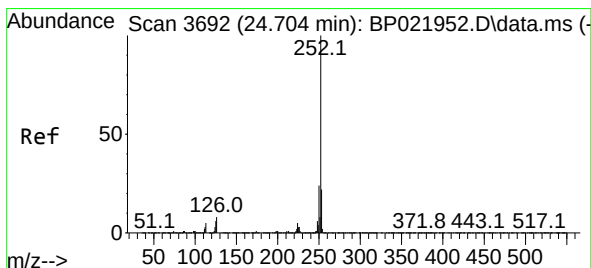
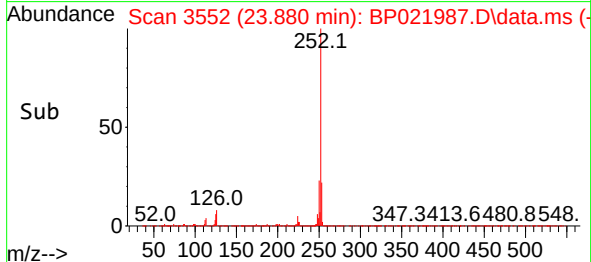
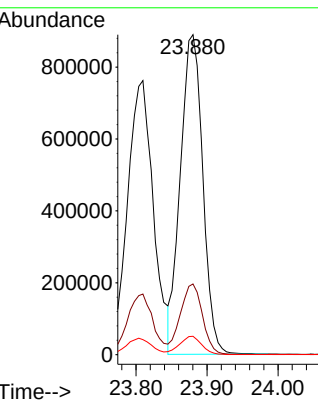
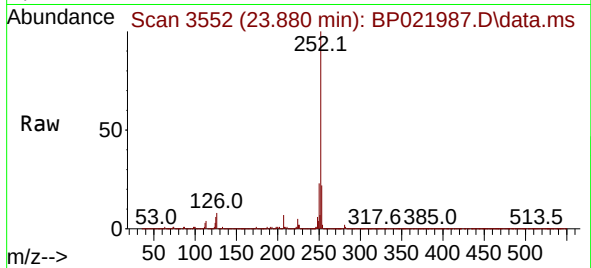
125 5.7 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#90

Benzo(a)pyrene

Concen: 52.004 ng

RT: 24.692 min Scan# 3690

Delta R.T. -0.012 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

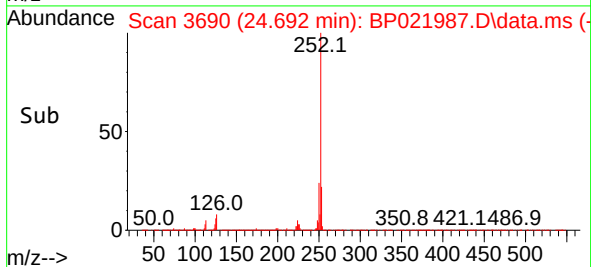
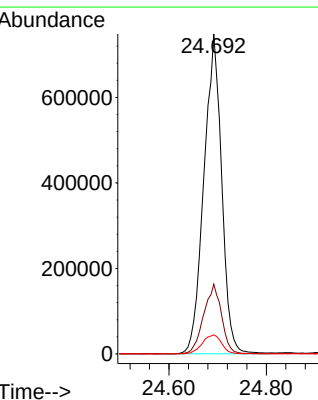
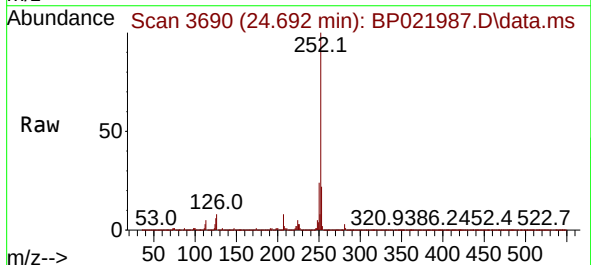
Tgt Ion:252 Resp: 1897463

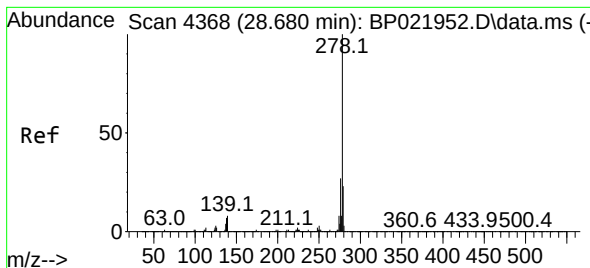
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 6.0 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 53.330 ng

RT: 28.662 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

Instrument :

BNA_P

ClientSampleId :

PB163555BS

Tgt Ion: 278 Resp: 209649

Ion Ratio Lower Upper

278 100

139 8.6 6.6 10.0

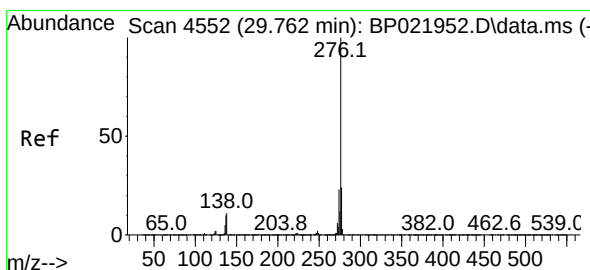
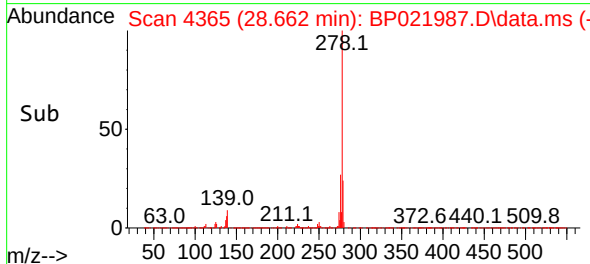
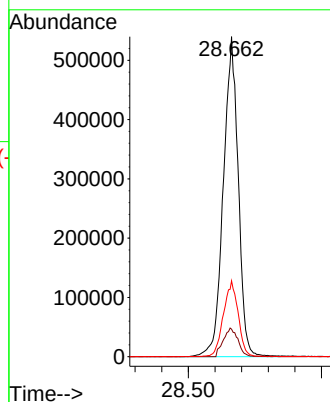
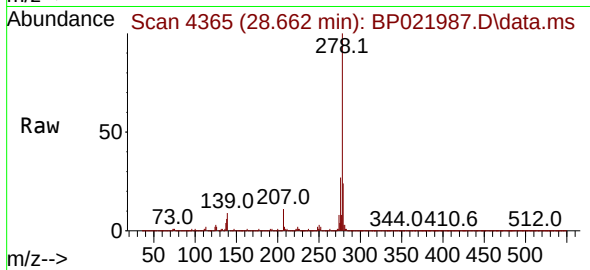
279 23.7 18.8 28.2

Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 09/25/2024

Supervised By : mohammad ahmed 09/25/2024



#92

Benzo(g,h,i)perylene

Concen: 50.003 ng

RT: 29.739 min Scan# 4548

Delta R.T. -0.023 min

Lab File: BP021987.D

Acq: 23 Sep 2024 18:11

Tgt Ion: 276 Resp: 2013562

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 12.0 9.2 13.8

