

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
 Data File : BP021551.D
 Acq On : 19 Aug 2024 12:50
 Operator : RC/JU
 Sample : PB162631BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162631BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 19 13:32:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	450256	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	1831427	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1175681	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2499976	20.000	ng	0.00
76) Chrysene-d12	21.721	240	2338286	20.000	ng	0.02
86) Perylene-d12	25.168	264	2568887	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	4240940	139.858	ng	0.01
7) Phenol-d6	6.975	99	5785351	130.789	ng	0.01
23) Nitrobenzene-d5	8.952	82	3399618	95.811	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	2001237	152.943	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	6306832	81.869	ng	0.00
79) Terphenyl-d14	19.975	244	10299649	85.573	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	411538	28.623	ng	100
3) Pyridine	3.711	79	1166590m	29.065	ng	
4) n-Nitrosodimethylamine	3.622	42	508790	42.173	ng	95
6) Aniline	7.134	93	1253158	28.338	ng	97
8) 2-Chlorophenol	7.375	128	1483495	52.940	ng	95
9) Benzaldehyde	6.946	77	501603m	17.711	ng	
10) Phenol	6.999	94	2234800	48.788	ng	98
11) bis(2-Chloroethyl)ether	7.228	93	1621501	41.835	ng	96
12) 1,3-Dichlorobenzene	7.699	146	1445136	43.416	ng	97
13) 1,4-Dichlorobenzene	7.846	146	1473146	43.829	ng	98
14) 1,2-Dichlorobenzene	8.158	146	1425715	44.017	ng	98
15) Benzyl Alcohol	8.040	79	1516784	47.790	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1510956	42.331	ng	96
17) 2-Methylphenol	8.240	107	1423053	49.142	ng	98
18) Hexachloroethane	8.887	117	598156	44.380	ng	96
19) n-Nitroso-di-n-propyla...	8.610	70	1161691	38.018	ng	96
20) 3+4-Methylphenols	8.569	107	1965242	50.331	ng	98
22) Acetophenone	8.622	105	2264846	40.254	ng	# 97
24) Nitrobenzene	8.993	77	1768241	45.884	ng	94
25) Isophorone	9.528	82	3384295	40.373	ng	96
26) 2-Nitrophenol	9.704	139	722110	63.538	ng	95
27) 2,4-Dimethylphenol	9.769	122	1121595	54.217	ng	98
28) bis(2-Chloroethoxy)met...	9.999	93	2179056	42.586	ng	99
29) 2,4-Dichlorophenol	10.240	162	1361835	55.716	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	1375574	43.897	ng	98
31) Naphthalene	10.646	128	4251680	44.439	ng	99
32) Benzoic acid	9.910	122	1086888	68.276	ng	91
33) 4-Chloroaniline	10.746	127	974459	27.115	ng	98
34) Hexachlorobutadiene	10.940	225	823817	41.753	ng	98
35) Caprolactam	11.528	113	501931m	49.336	ng	
36) 4-Chloro-3-methylphenol	11.875	107	1751030	51.644	ng	97
37) 2-Methylnaphthalene	12.257	142	2903081	44.459	ng	100
38) 1-Methylnaphthalene	12.481	142	2697080	41.880	ng	100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1431354	41.551	ng	99
41) Hexachlorocyclopentadiene	12.616	237	1226184	112.311	ng	99
43) 2,4,6-Trichlorophenol	12.863	196	1093841	57.164	ng	98

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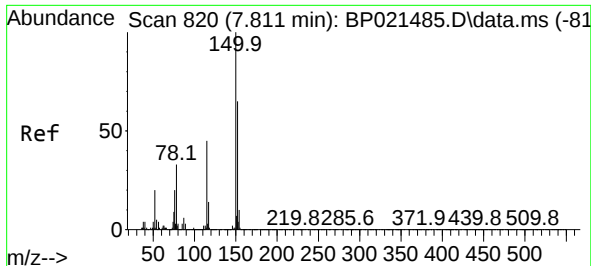
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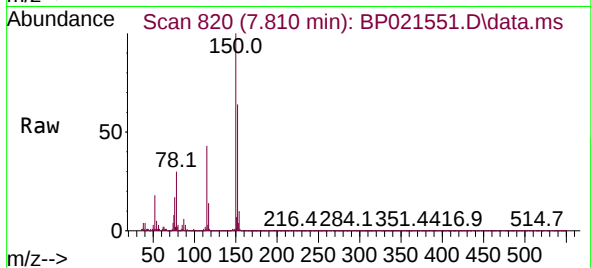
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	1173329	55.190	ng	95
46) 1,1'-Biphenyl	13.275	154	3460882	41.607	ng	98
47) 2-Chloronaphthalene	13.316	162	2882750	44.515	ng	99
48) 2-Nitroaniline	13.510	65	1021474	55.391	ng	# 86
49) Acenaphthylene	14.175	152	4754355	49.941	ng	100
50) Dimethylphthalate	13.904	163	3685324	46.807	ng	100
51) 2,6-Dinitrotoluene	14.016	165	819173	51.274	ng	87
52) Acenaphthene	14.522	154	3264640m	52.265	ng	
53) 3-Nitroaniline	14.345	138	643574	41.775	ng	# 92
54) 2,4-Dinitrophenol	14.557	184	854214	121.100	ng	88
55) Dibenzofuran	14.857	168	4459848	46.414	ng	99
56) 4-Nitrophenol	14.657	139	1508841	113.292	ng	87
57) 2,4-Dinitrotoluene	14.816	165	1143212	55.688	ng	86
58) Fluorene	15.522	166	3452518	43.736	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	1049193	58.143	ng	99
60) Diethylphthalate	15.292	149	3737794	46.269	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	1750095	42.890	ng	100
62) 4-Nitroaniline	15.528	138	833916	51.712	ng	90
63) Azobenzene	15.816	77	4064609	40.931	ng	95
65) 4,6-Dinitro-2-methylph...	15.592	198	609337	69.329	ng	96
66) n-Nitrosodiphenylamine	15.734	169	3142939	46.912	ng	99
67) 4-Bromophenyl-phenylether	16.428	248	1178450	44.539	ng	99
68) Hexachlorobenzene	16.545	284	1397904	44.707	ng	99
69) Atrazine	16.710	200	1005971	43.734	ng	99
70) Pentachlorophenol	16.898	266	1835835	107.572	ng	99
71) Phenanthrene	17.304	178	5668501	47.147	ng	100
72) Anthracene	17.392	178	5663510	48.032	ng	100
73) Carbazole	17.669	167	5463874	48.083	ng	99
74) Di-n-butylphthalate	18.269	149	6521571	46.731	ng	100
75) Fluoranthene	19.380	202	6881983	46.651	ng	100
77) Benzidine	19.569	184	1438487	26.591	ng	99
78) Pyrene	19.757	202	7232600	47.323	ng	100
80) Butylbenzylphthalate	20.716	149	3073691	52.615	ng	92
81) Benzo(a)anthracene	21.704	228	7024948	47.858	ng	99
82) 3,3'-Dichlorobenzidine	21.616	252	2041766	43.383	ng	99
83) Chrysene	21.769	228	6752651	48.724	ng	100
84) Bis(2-ethylhexyl)phtha...	21.651	149	4389884	50.600	ng	100
85) Di-n-octyl phthalate	22.980	149	7707038	50.312	ng	97
87) Indeno(1,2,3-cd)pyrene	29.092	276	9065510m	54.441	ng	
88) Benzo(b)fluoranthene	24.074	252	7506833	50.881	ng	100
89) Benzo(k)fluoranthene	24.151	252	7257114	50.423	ng	99
90) Benzo(a)pyrene	25.004	252	7046879	55.040	ng	99
91) Dibenzo(a,h)anthracene	29.180	278	7456852	53.895	ng	100
92) Benzo(g,h,i)perylene	30.321	276	7164041	51.661	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

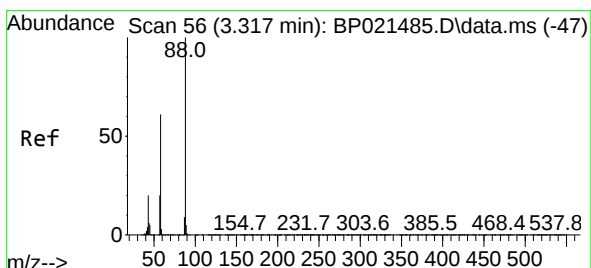
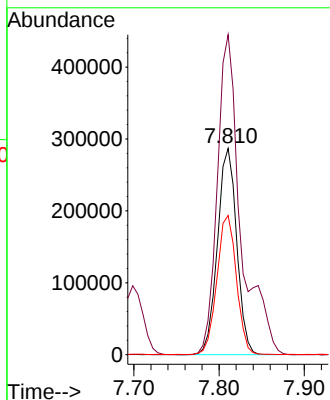
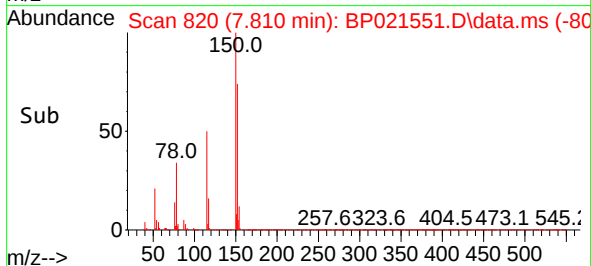
Instrument :
BNA_P
ClientSampleId :
PB162631BS



Tgt Ion:152 Resp: 450250
Ion Ratio Lower Upper
152 100
150 155.1 122.4 183.6
115 67.5 54.7 82.1

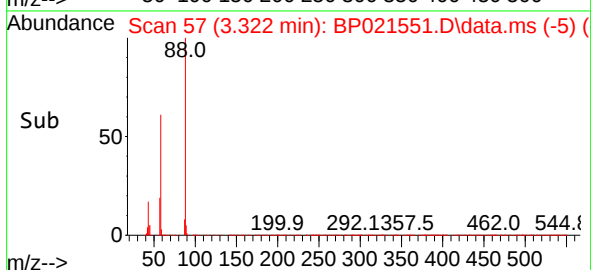
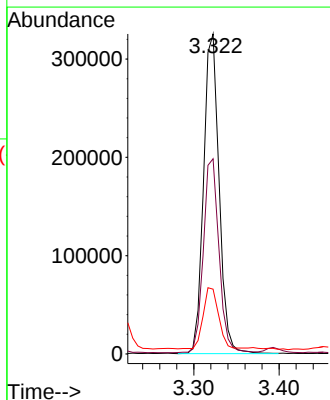
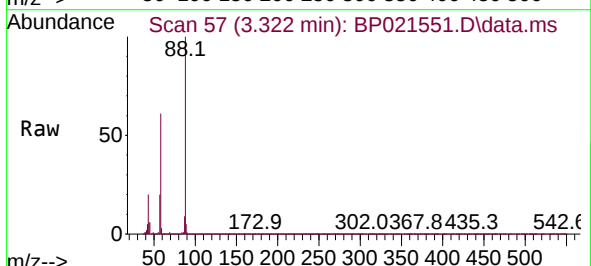
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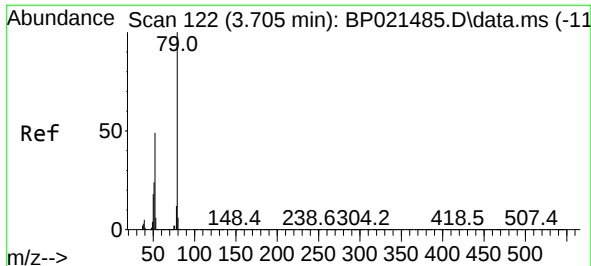
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#2
1,4-Dioxane
Concen: 28.623 ng
RT: 3.322 min Scan# 57
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

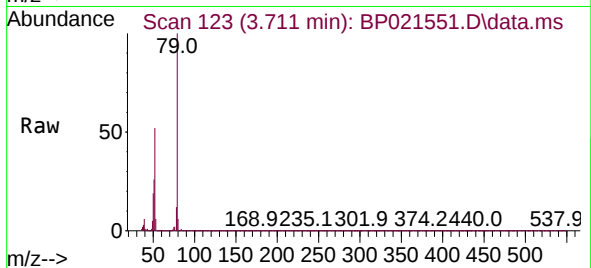
Tgt Ion: 88 Resp: 411538
Ion Ratio Lower Upper
88 100
58 61.0 48.7 73.1
43 18.7 15.4 23.2





#3
Pyridine
Concen: 29.065 ng m
RT: 3.711 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

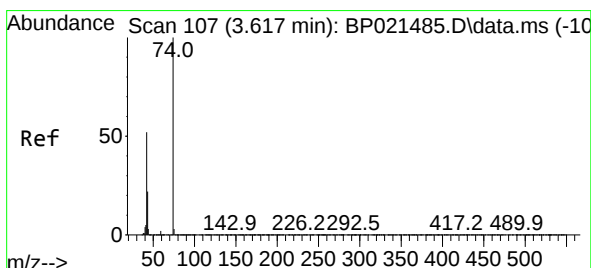
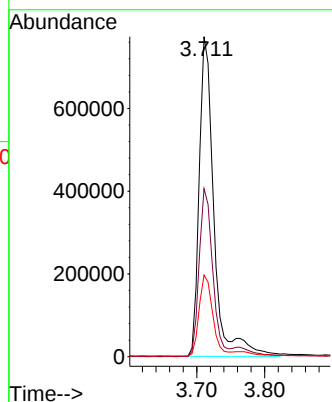
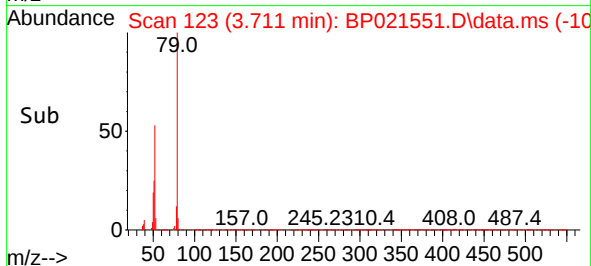
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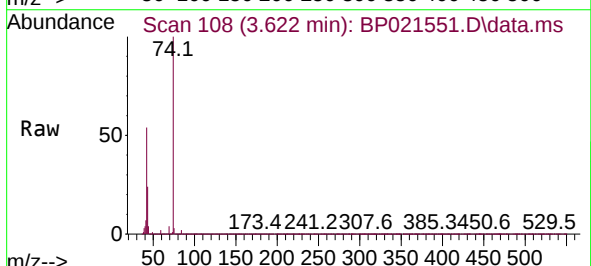
Tgt Ion: 79 Resp: 1166590
Ion Ratio Lower Upper
79 100
52 52.5 39.0 58.6
51 25.5 19.2 28.8

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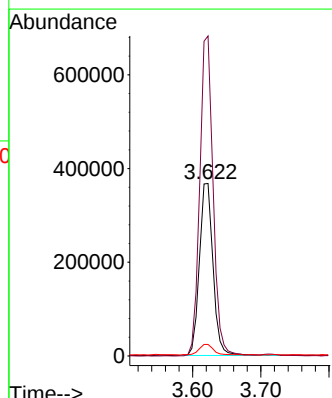
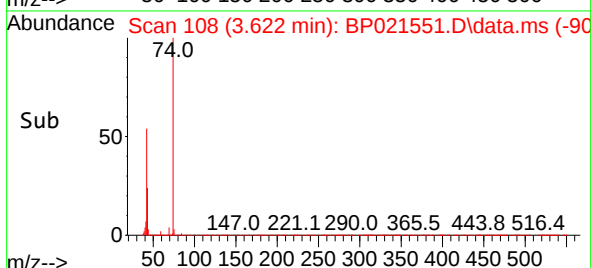
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#4
n-Nitrosodimethylamine
Concen: 42.173 ng
RT: 3.622 min Scan# 108
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50



Tgt Ion: 42 Resp: 508790
Ion Ratio Lower Upper
42 100
74 185.4 154.3 231.5
44 6.7 6.2 9.4





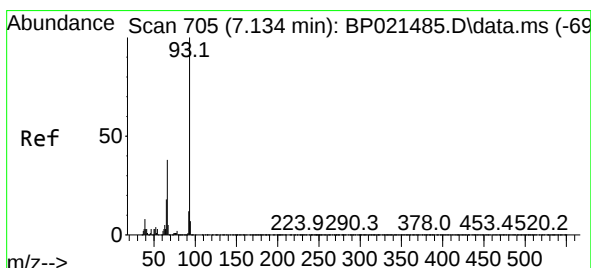
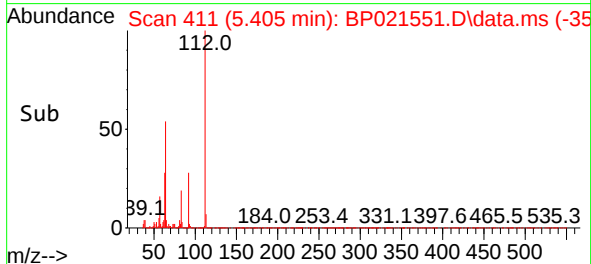
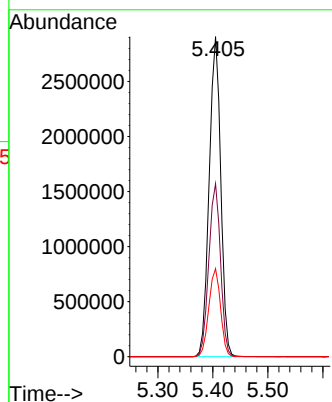
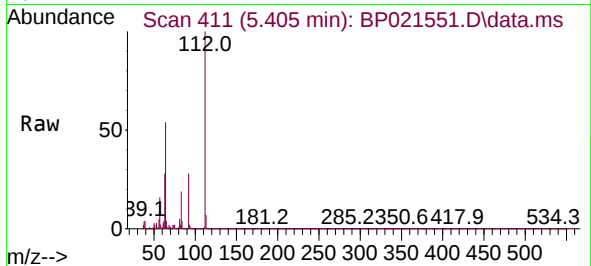
#5
2-Fluorophenol
Concen: 139.858 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion:112 Resp: 4240940
Ion Ratio Lower Upper
112 100
64 54.0 49.0 73.6
63 27.5 24.6 36.8

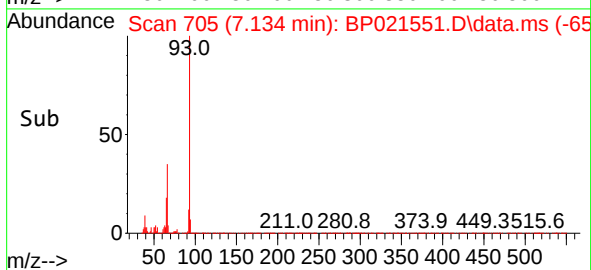
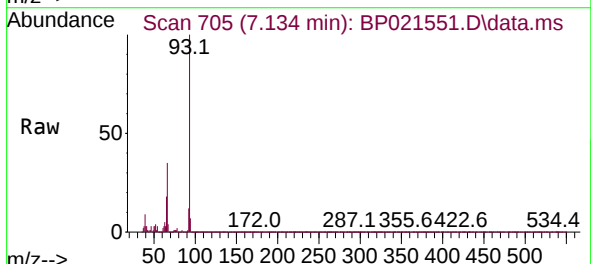
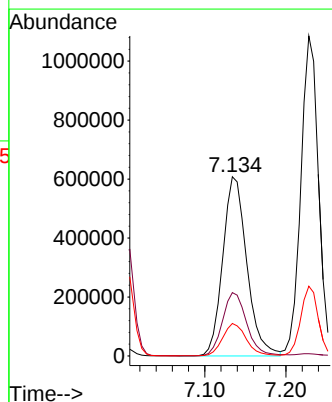
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Supervised By :mohammad ahmed 08/21/2024



#6
Aniline
Concen: 28.338 ng
RT: 7.134 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion: 93 Resp: 1253158
Ion Ratio Lower Upper
93 100
66 35.3 30.2 45.2
65 18.1 14.7 22.1





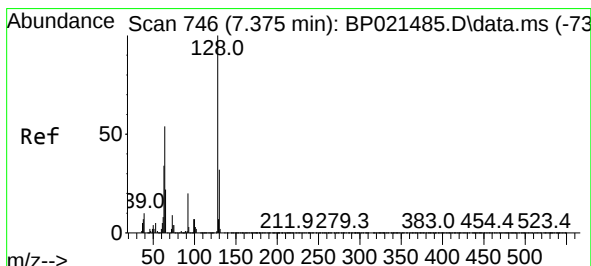
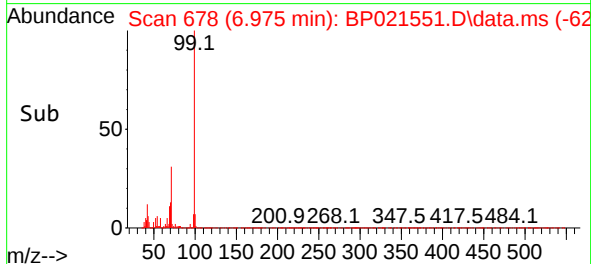
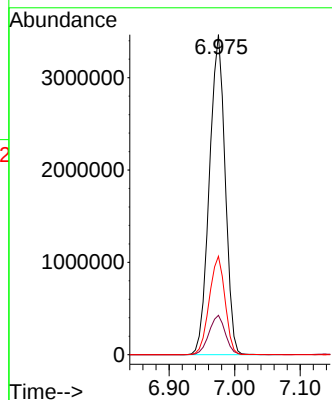
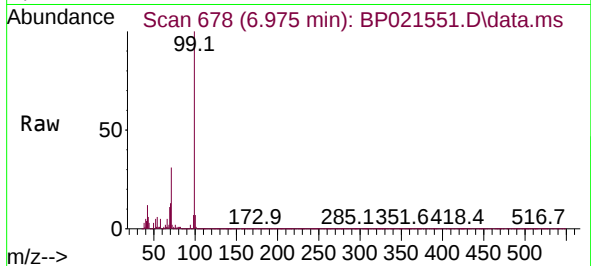
#7
Phenol-d6
Concen: 130.789 ng
RT: 6.975 min Scan# 678
Delta R.T. 0.012 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion: 99 Resp: 578535
Ion Ratio Lower Upper
99 100
42 12.3 10.2 15.4
71 30.7 25.8 38.8

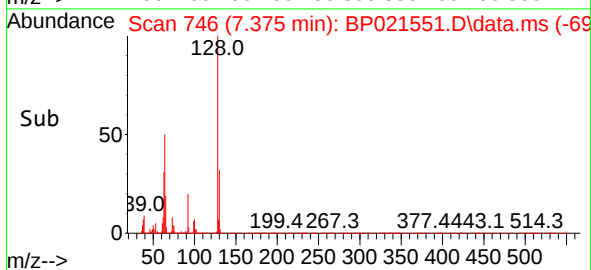
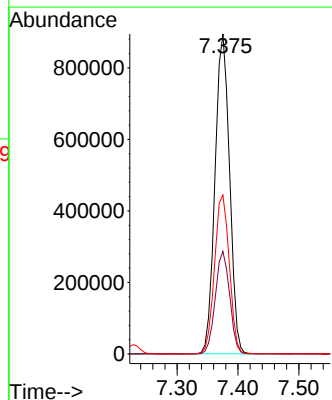
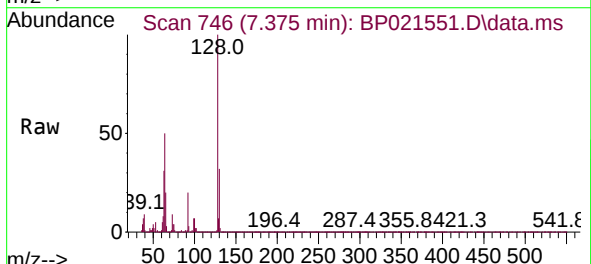
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#8
2-Chlorophenol
Concen: 52.940 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion:128 Resp: 1483495
Ion Ratio Lower Upper
128 100
130 32.1 11.6 51.6
64 49.7 35.3 75.3





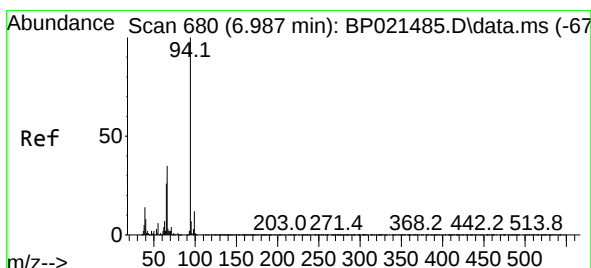
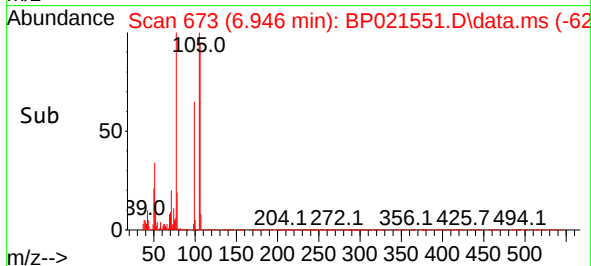
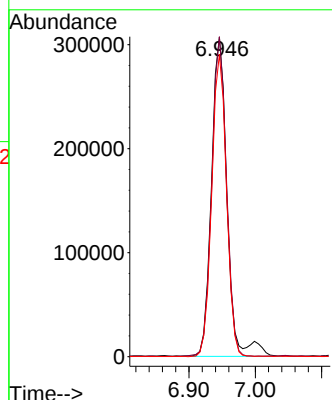
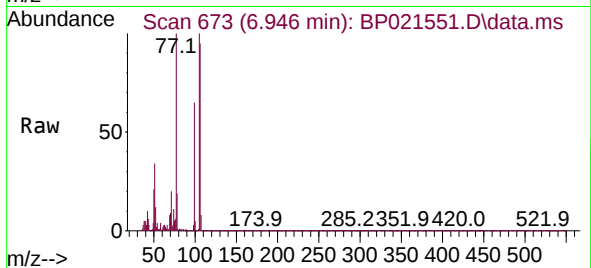
#9
Benzaldehyde
Concen: 17.711 ng m
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion: 77 Resp: 50160
Ion Ratio Lower Upper
77 100
105 100.1 72.1 112.1
106 94.6 67.9 107.9

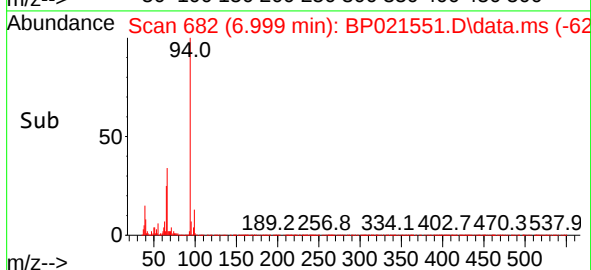
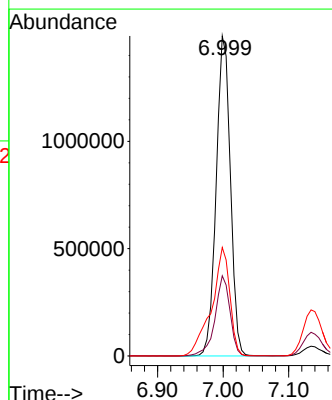
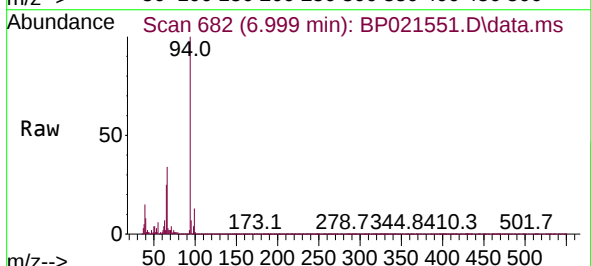
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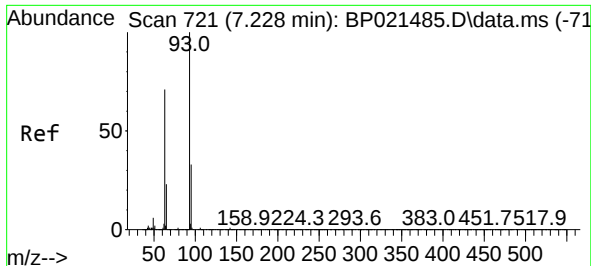
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#10
Phenol
Concen: 48.788 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

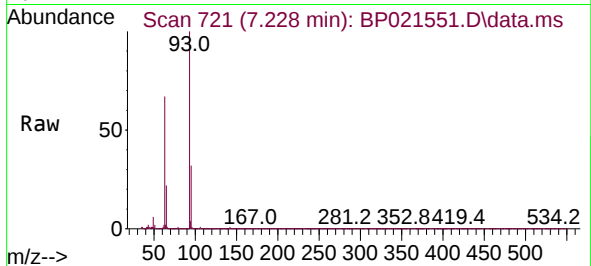
Tgt Ion: 94 Resp: 2234800
Ion Ratio Lower Upper
94 100
65 25.0 6.5 46.5
66 33.9 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 41.835 ng
RT: 7.228 min Scan# 721
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

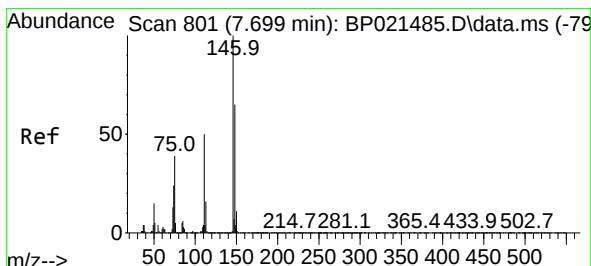
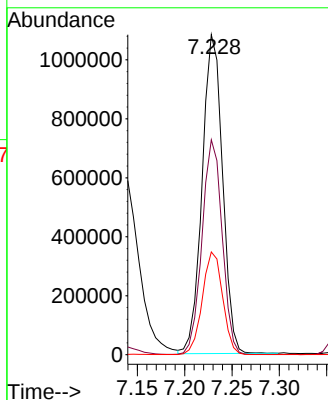
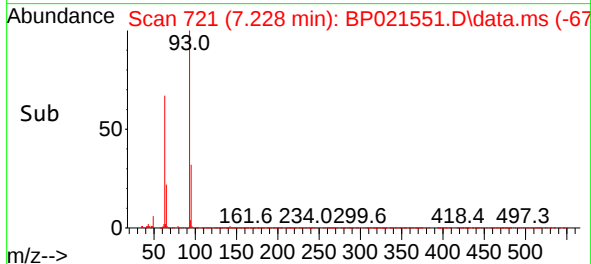
Instrument :
BNA_P
ClientSampleId :
PB162631BS



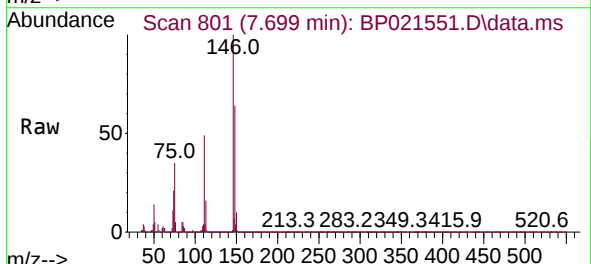
Tgt Ion: 93 Resp: 162150
Ion Ratio Lower Upper
93 100
63 67.1 51.0 91.0
95 32.1 12.9 52.9

Manual Integrations
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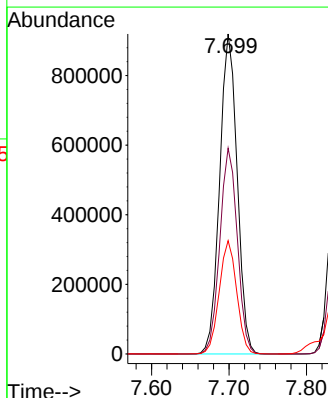
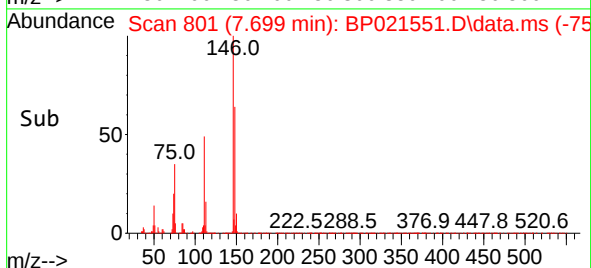
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#12
1,3-Dichlorobenzene
Concen: 43.416 ng
RT: 7.699 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50



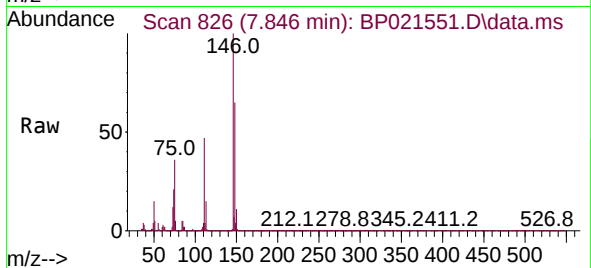
Tgt Ion:146 Resp: 1445136
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
75 35.4 31.3 46.9





#13
1,4-Dichlorobenzene
Concen: 43.829 ng
RT: 7.846 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

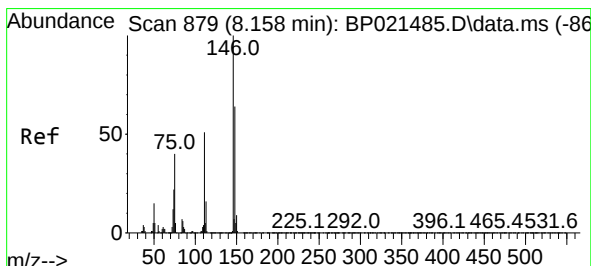
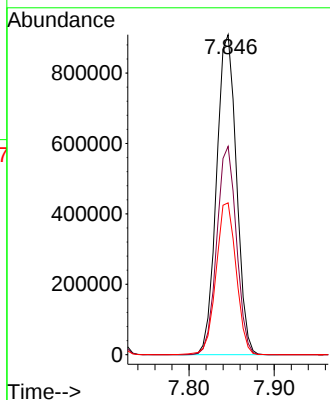
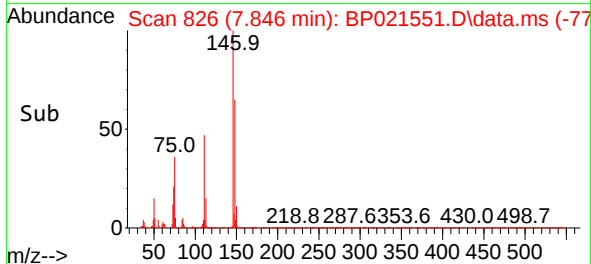
Instrument :
BNA_P
ClientSampleId :
PB162631BS



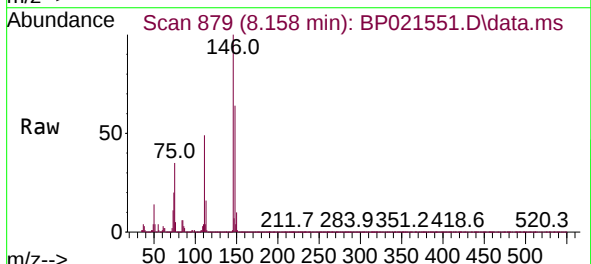
Tgt Ion:146 Resp: 147314
Ion Ratio Lower Upper
146 100
148 65.1 51.5 77.3
111 47.5 40.3 60.5

Manual Integrations
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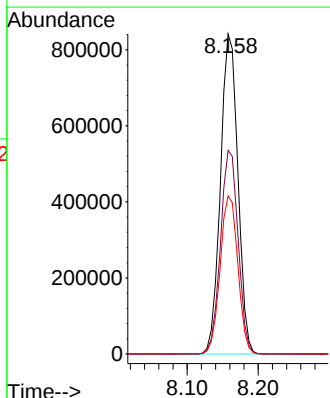
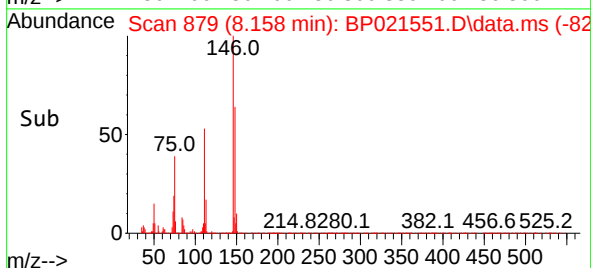
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

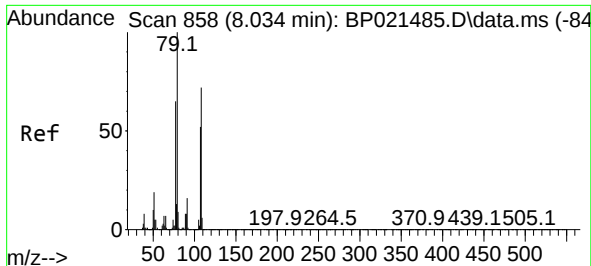


#14
1,2-Dichlorobenzene
Concen: 44.017 ng
RT: 8.158 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50



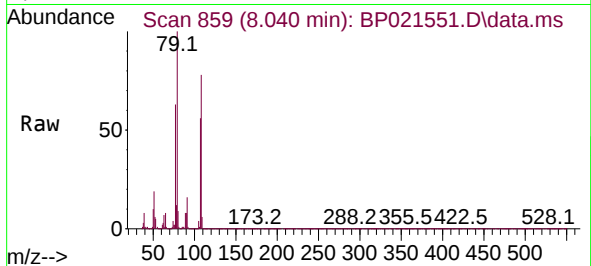
Tgt Ion:146 Resp: 1425715
Ion Ratio Lower Upper
146 100
148 63.6 51.5 77.3
111 49.4 41.1 61.7





#15
Benzyl Alcohol
Concen: 47.790 ng
RT: 8.040 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

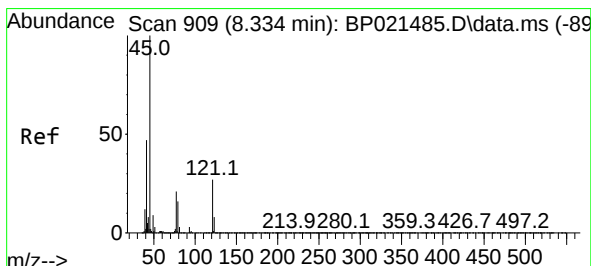
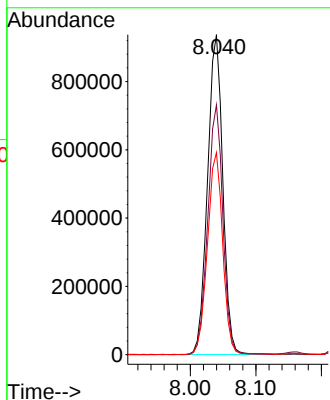
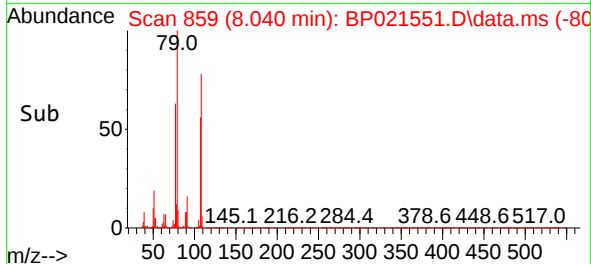
Instrument :
BNA_P
ClientSampleId :
PB162631BS



Tgt Ion: 79 Resp: 1516784
Ion Ratio Lower Upper
79 100
108 78.1 57.9 86.9
77 63.2 51.8 77.8

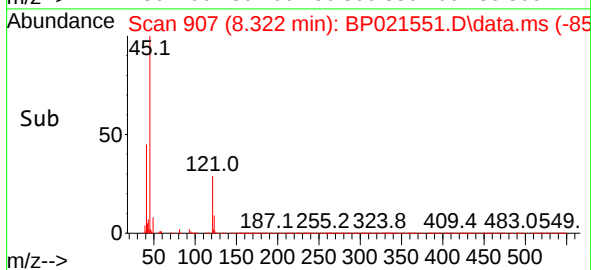
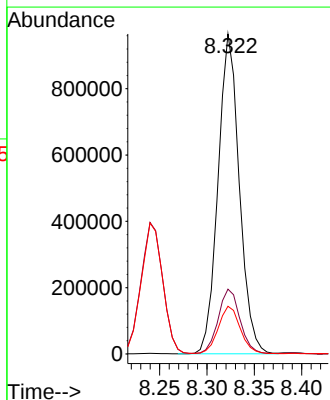
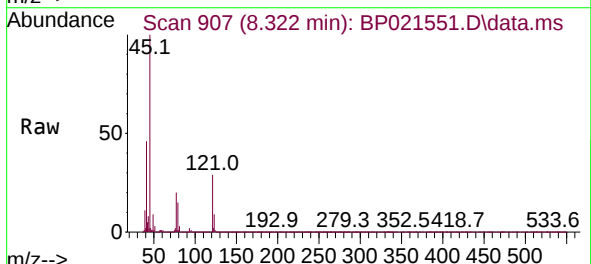
Manual Integrations
APPROVED

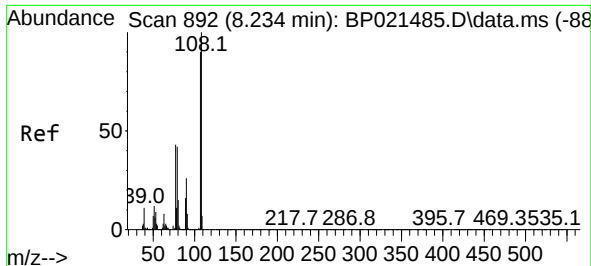
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.331 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

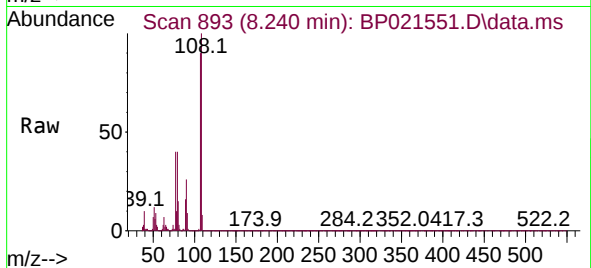
Tgt Ion: 45 Resp: 1510956
Ion Ratio Lower Upper
45 100
77 20.3 1.9 41.9
79 14.9 0.0 36.6





#17
2-Methylphenol
Concen: 49.142 ng
RT: 8.240 min Scan# 892
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

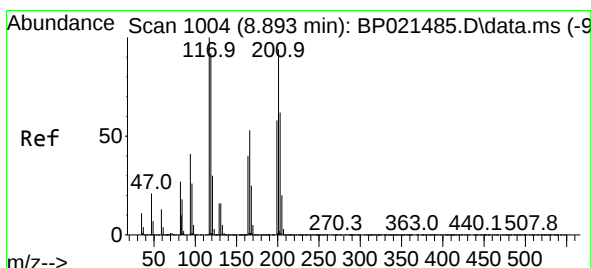
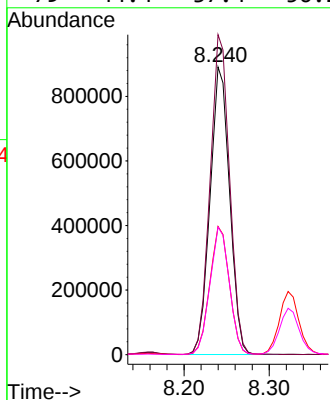
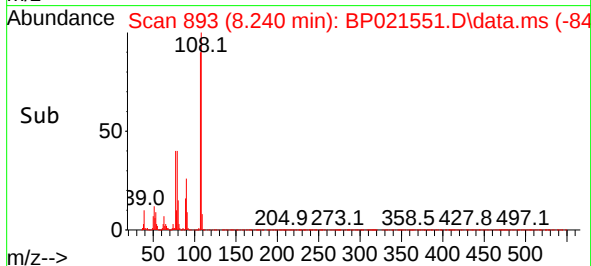
Instrument :
BNA_P
ClientSampleId :
PB162631BS



Tgt Ion:107 Resp: 142305
Ion Ratio Lower Upper
107 100
108 111.2 88.8 133.2
77 44.5 38.7 58.1
79 44.4 37.4 56.2

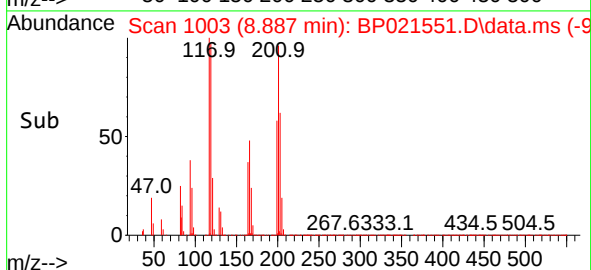
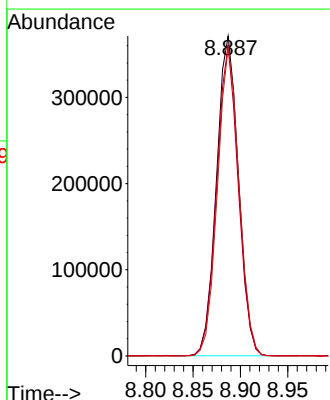
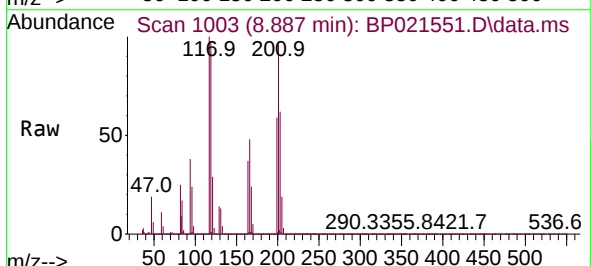
Manual Integrations
APPROVED

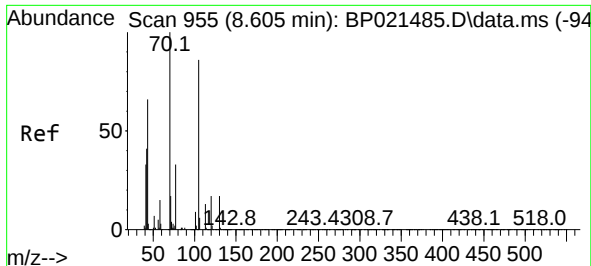
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#18
Hexachloroethane
Concen: 44.380 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

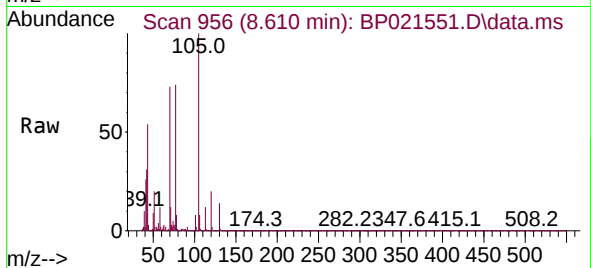
Tgt Ion:117 Resp: 598156
Ion Ratio Lower Upper
117 100
119 97.2 73.9 110.9
201 96.3 74.9 112.3





#19
n-Nitroso-di-n-propylamine
Concen: 38.018 ng
RT: 8.610 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

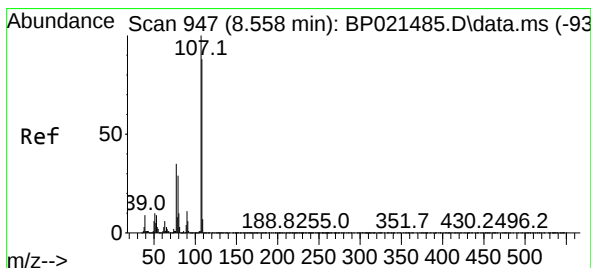
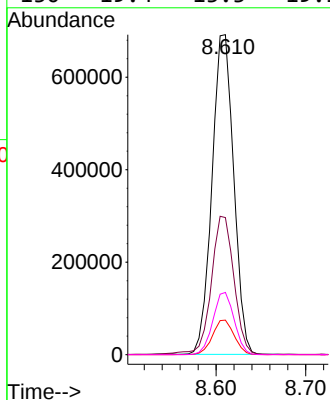
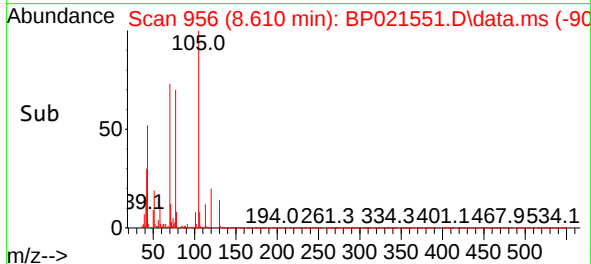
Instrument :
BNA_P
ClientSampleId :
PB162631BS



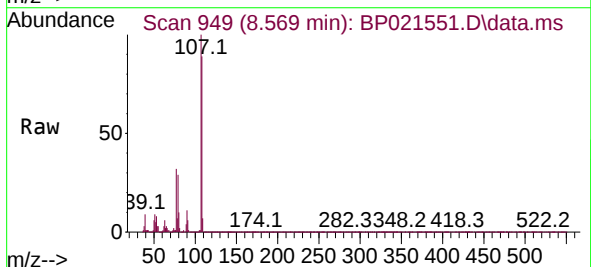
Tgt Ion: 70 Resp: 116169
Ion Ratio Lower Upper
70 100
42 42.9 33.1 49.7
101 10.8 7.4 11.2
130 19.4 13.3 19.9

Manual Integrations
APPROVED

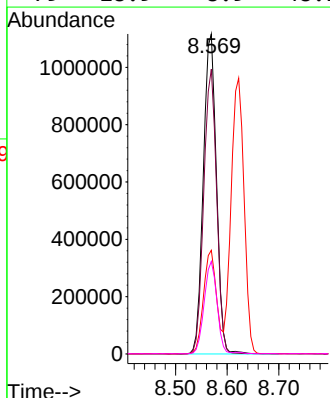
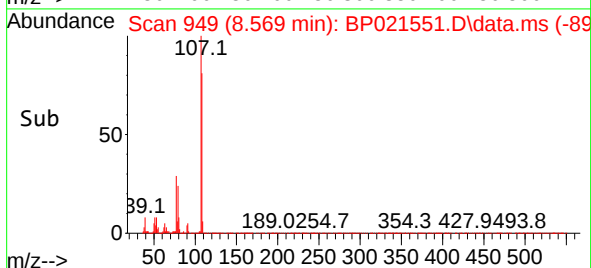
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

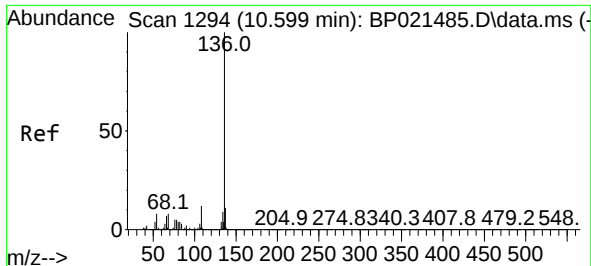


#20
3+4-Methylphenols
Concen: 50.331 ng
RT: 8.569 min Scan# 949
Delta R.T. 0.012 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50



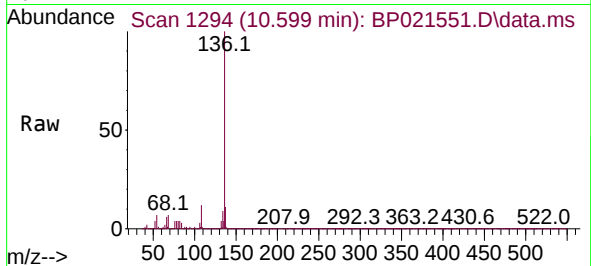
Tgt Ion:107 Resp: 1965242
Ion Ratio Lower Upper
107 100
108 89.0 67.6 107.6
77 32.4 15.0 55.0
79 28.9 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

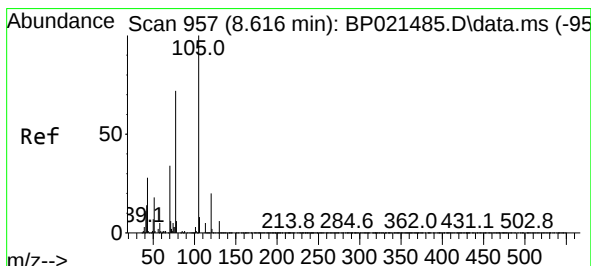
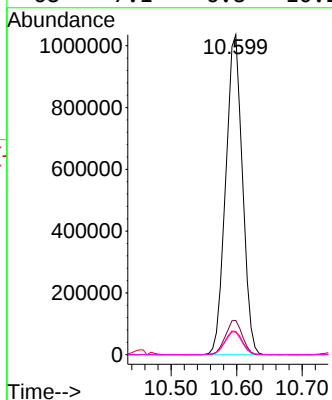
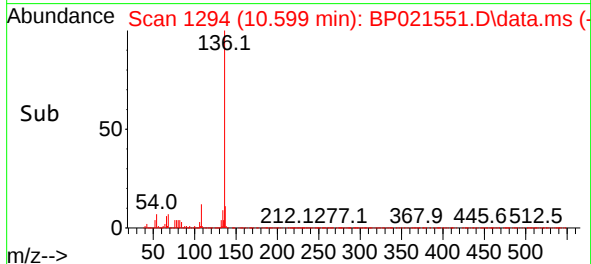
Instrument :
BNA_P
ClientSampleId :
PB162631BS



Tgt Ion:136 Resp: 183142
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.3 6.3 9.5
68 7.1 6.8 10.2

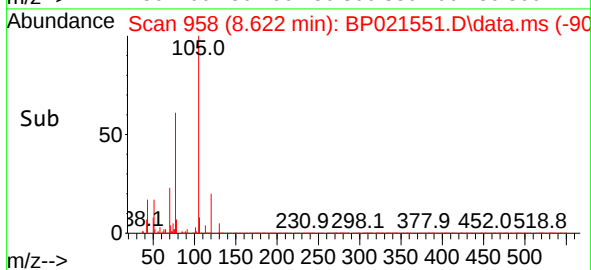
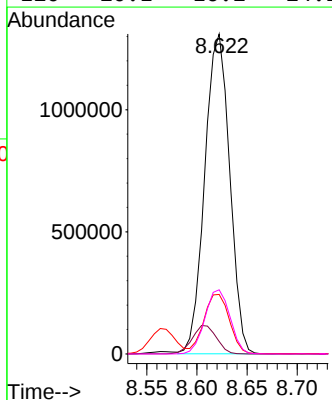
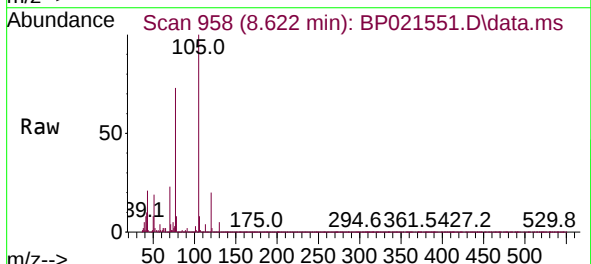
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#22
Acetophenone
Concen: 40.254 ng
RT: 8.622 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion:105 Resp: 2264846
Ion Ratio Lower Upper
105 100
71 3.9 4.6 7.0#
51 18.6 16.3 24.5
120 20.1 16.2 24.2





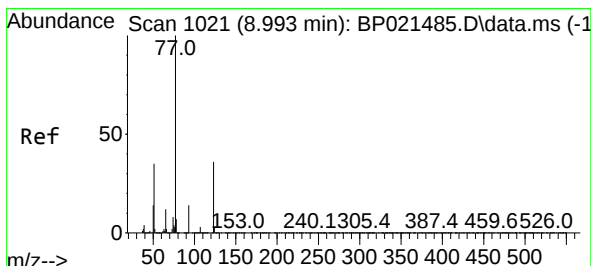
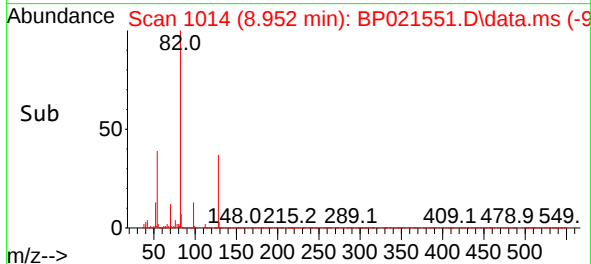
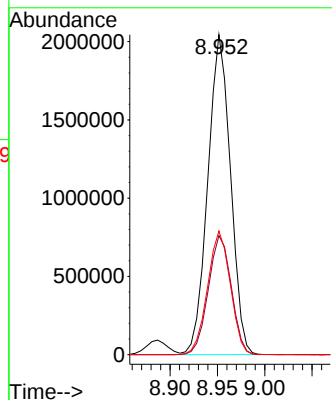
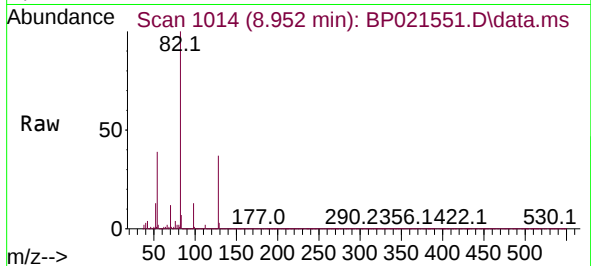
#23
Nitrobenzene-d5
Concen: 95.811 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion: 82 Resp: 3399618
Ion Ratio Lower Upper
82 100
128 37.2 26.5 39.7
54 38.6 30.3 45.5

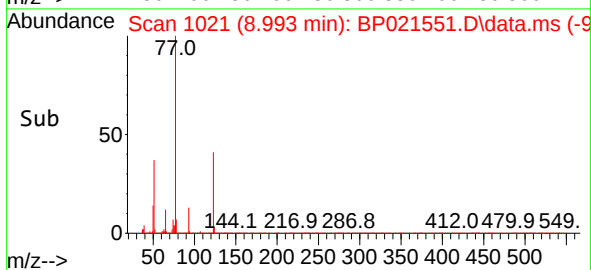
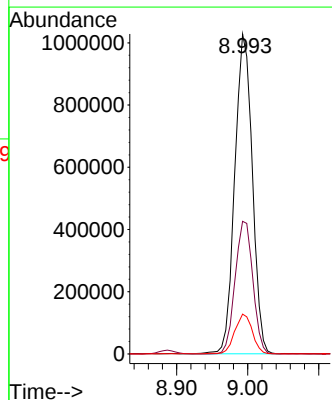
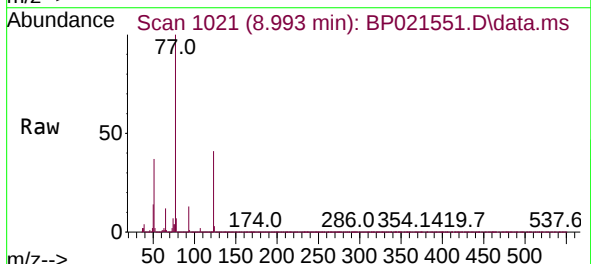
Manual Integrations
APPROVED

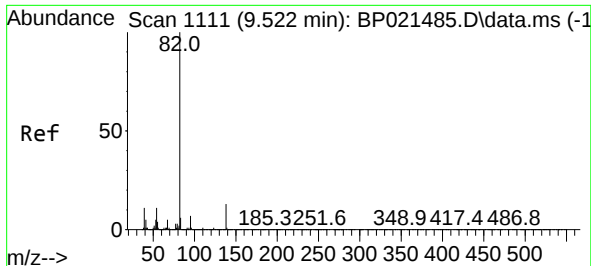
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#24
Nitrobenzene
Concen: 45.884 ng
RT: 8.993 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion: 77 Resp: 1768241
Ion Ratio Lower Upper
77 100
123 41.5 29.5 44.3
65 12.5 9.9 14.9





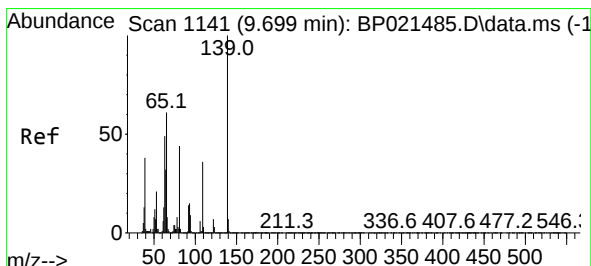
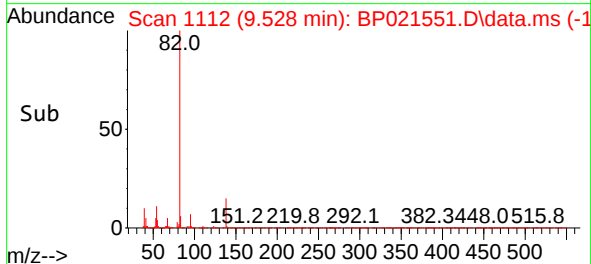
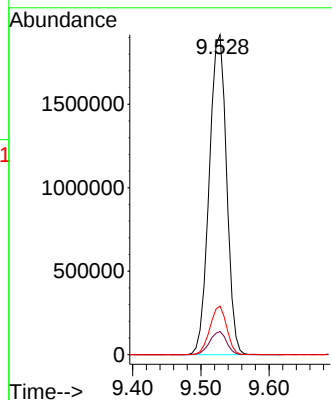
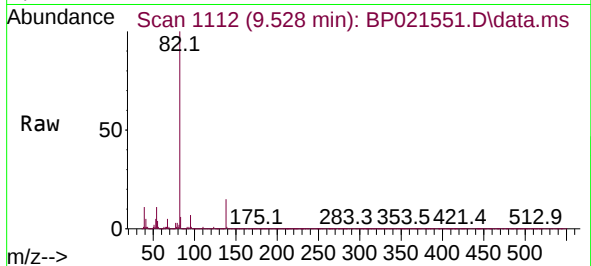
#25
Isophorone
Concen: 40.373 ng
RT: 9.528 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion: 82 Resp: 338429
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 15.2 10.6 16.0

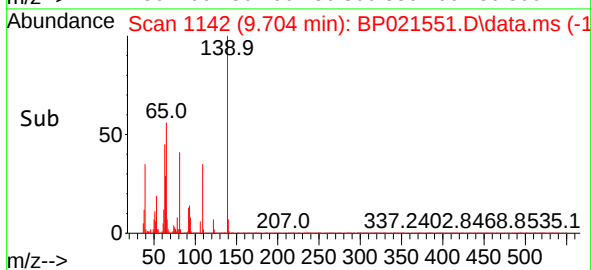
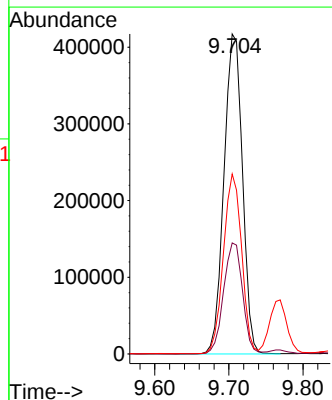
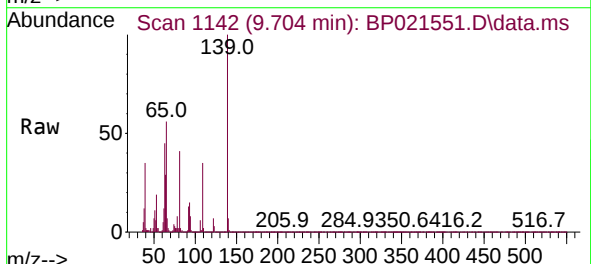
Manual Integrations
APPROVED

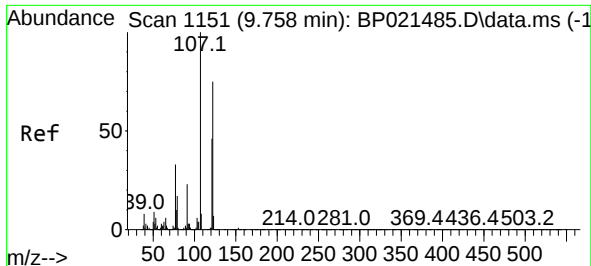
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#26
2-Nitrophenol
Concen: 63.538 ng
RT: 9.704 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion:139 Resp: 722110
Ion Ratio Lower Upper
139 100
109 34.7 28.9 43.3
65 56.3 49.0 73.6





#27

2,4-Dimethylphenol

Concen: 54.217 ng

RT: 9.769 min Scan# 1151

Delta R.T. 0.012 min

Lab File: BP021551.D

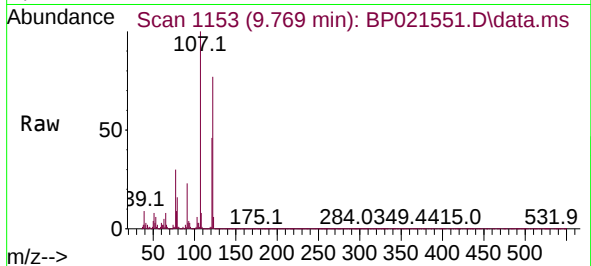
Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB162631BS



Tgt Ion:122 Resp: 112159

Ion Ratio Lower Upper

122 100

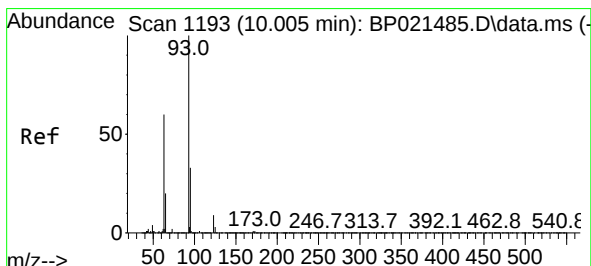
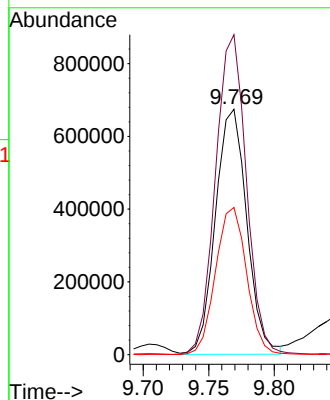
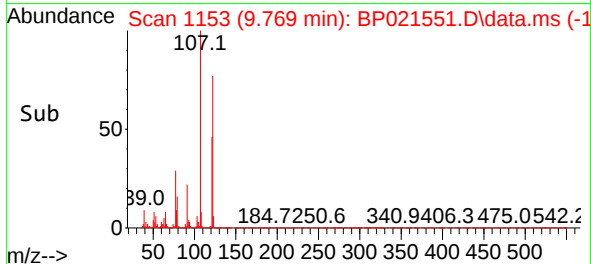
107 130.4 106.2 159.4

121 60.0 48.8 73.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#28

bis(2-Chloroethoxy)methane

Concen: 42.586 ng

RT: 9.999 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

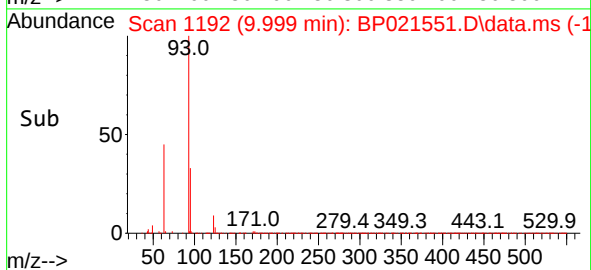
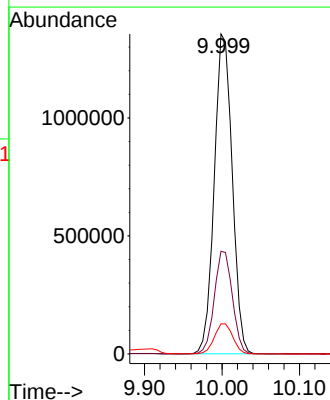
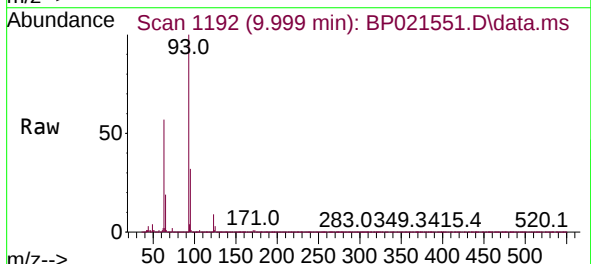
Tgt Ion: 93 Resp: 2179056

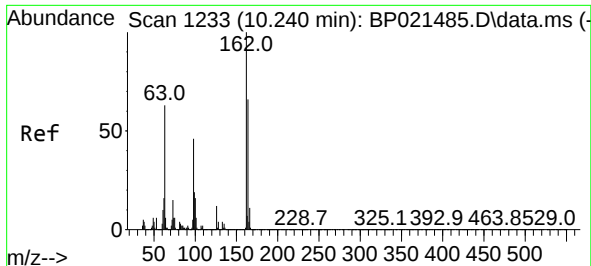
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.4

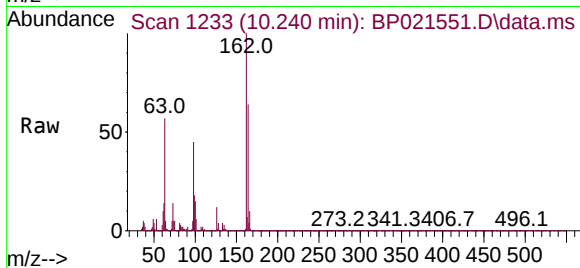
123 9.4 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 55.716 ng
RT: 10.240 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

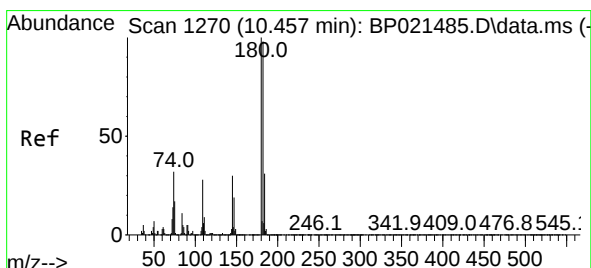
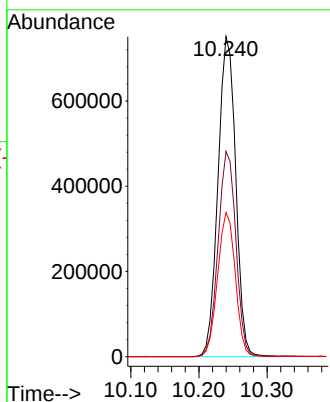
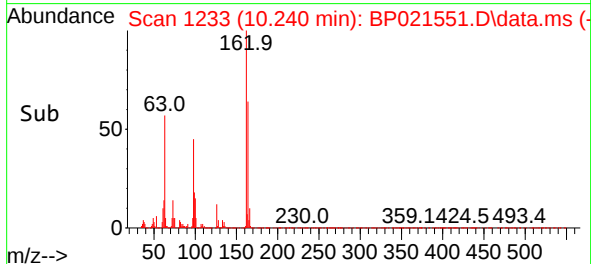
Instrument :
BNA_P
ClientSampleId :
PB162631BS



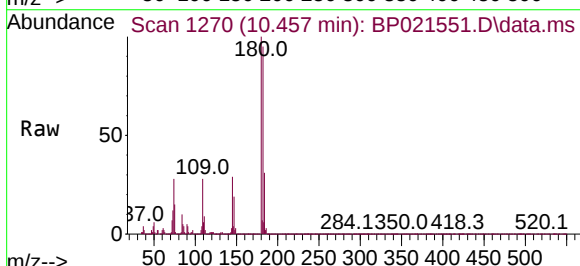
Tgt Ion:162 Resp: 136183
Ion Ratio Lower Upper
162 100
164 64.2 45.9 85.9
98 45.1 26.3 66.3

Manual Integrations
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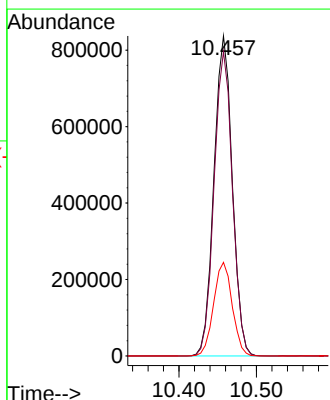
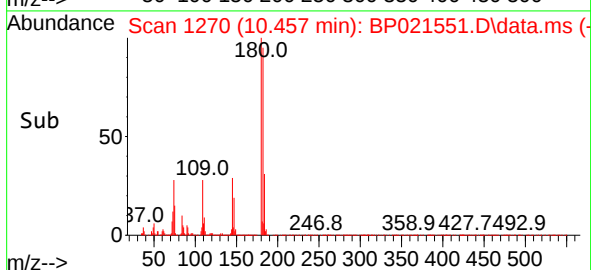
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

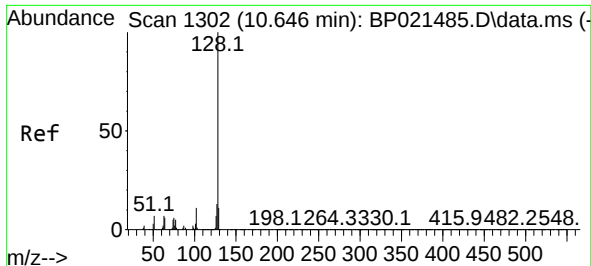


#30
1,2,4-Trichlorobenzene
Concen: 43.897 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50



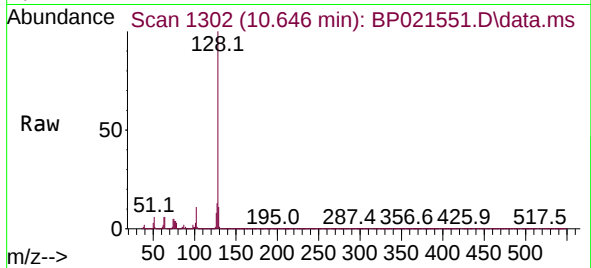
Tgt Ion:180 Resp: 1375574
Ion Ratio Lower Upper
180 100
182 95.1 78.3 117.5
145 29.3 24.0 36.0





#31
Naphthalene
Concen: 44.439 ng
RT: 10.646 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

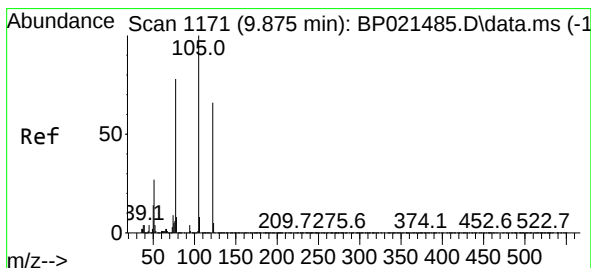
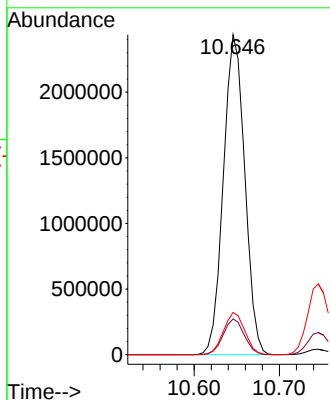
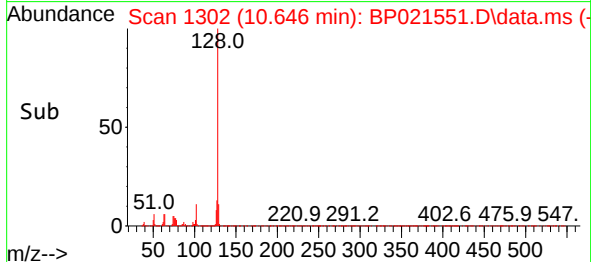
Instrument :
BNA_P
ClientSampleId :
PB162631BS



Tgt Ion:128 Resp: 4251680
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.2 10.6 15.8

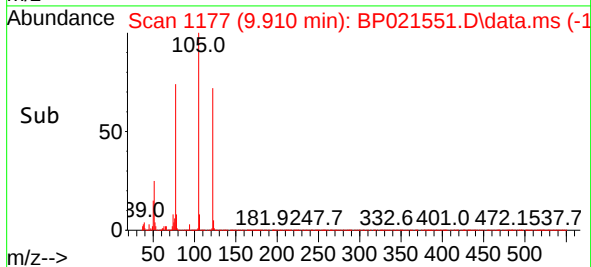
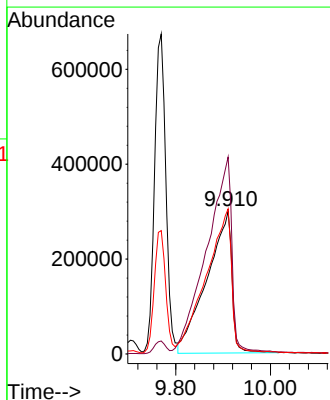
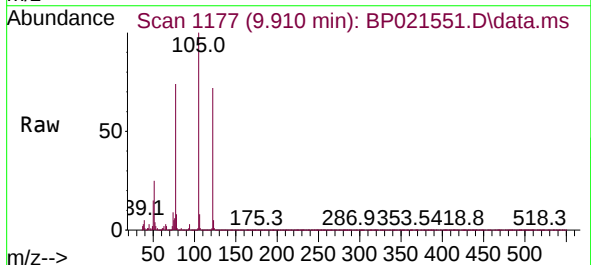
Manual Integrations
APPROVED

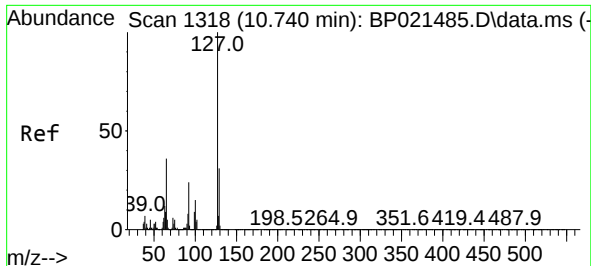
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#32
Benzoic acid
Concen: 68.276 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.035 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion:122 Resp: 1086888
Ion Ratio Lower Upper
122 100
105 138.1 124.6 164.6
77 101.8 96.2 136.2





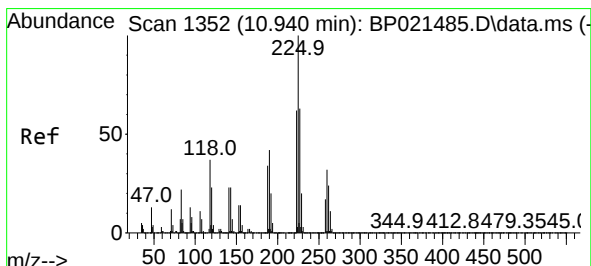
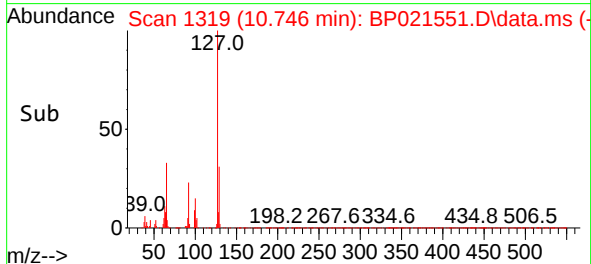
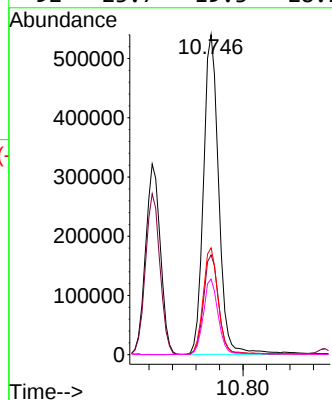
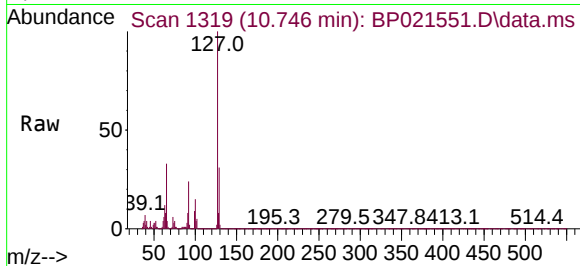
#33
4-Chloroaniline
Concen: 27.115 ng
RT: 10.746 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.5	36.7
65	33.4	28.9	43.3
92	23.7	19.3	28.9

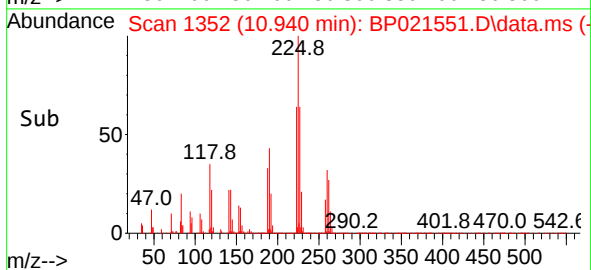
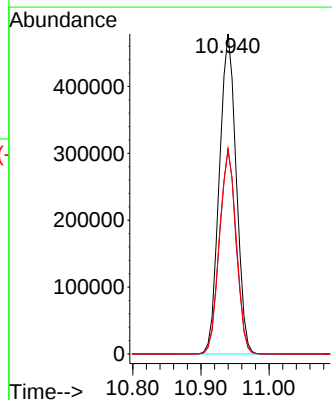
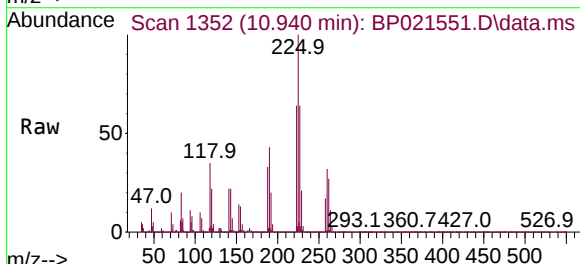
Manual Integrations
APPROVED

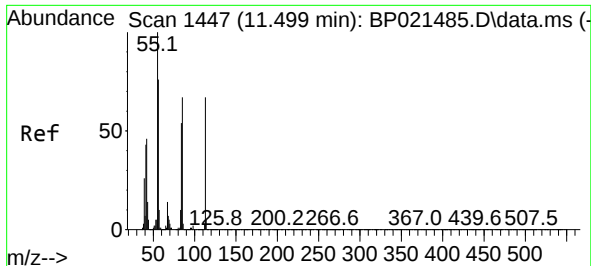
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#34
Hexachlorobutadiene
Concen: 41.753 ng
RT: 10.940 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

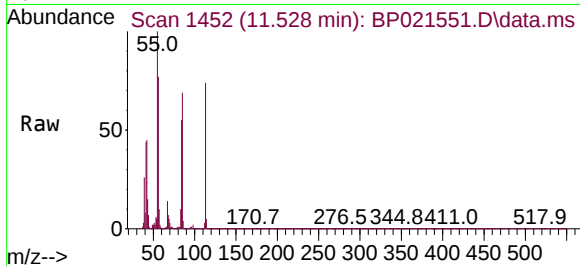
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.6	74.4
227	64.2	50.1	75.1





#35
Caprolactam
Concen: 49.336 ng m
RT: 11.528 min Scan# 1447
Delta R.T. 0.029 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

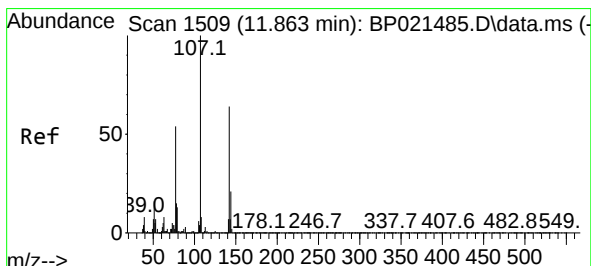
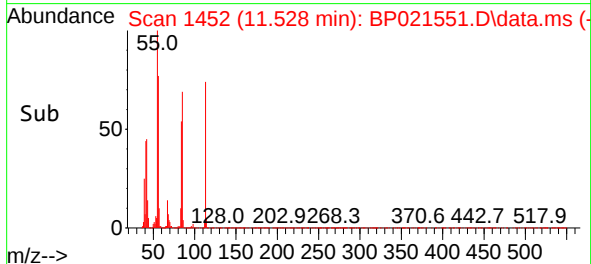
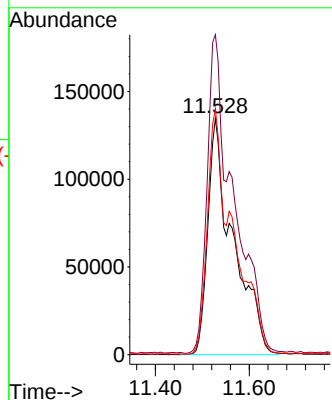
Instrument :
BNA_P
ClientSampleId :
PB162631BS



Tgt Ion:113 Resp: 50193
Ion Ratio Lower Upper
113 100
55 135.4 130.6 170.6
56 104.0 94.6 134.6

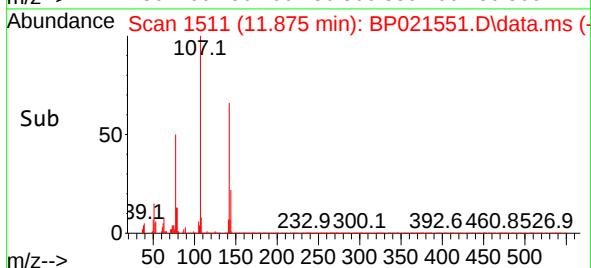
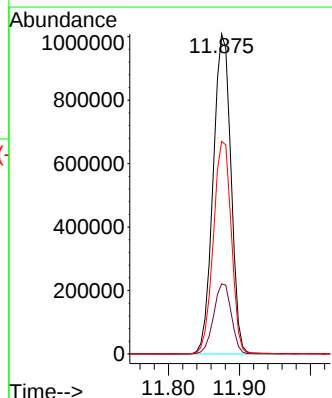
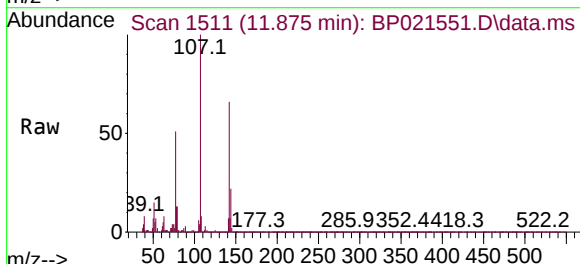
Manual Integrations
APPROVED

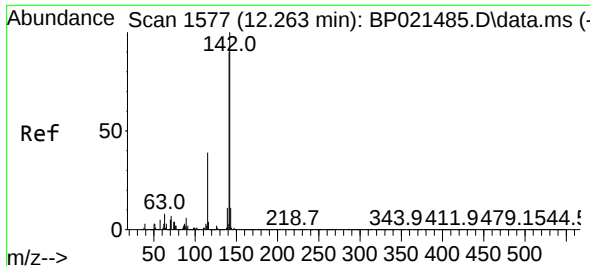
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#36
4-Chloro-3-methylphenol
Concen: 51.644 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.012 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion:107 Resp: 1751030
Ion Ratio Lower Upper
107 100
144 21.9 16.6 24.8
142 66.4 51.0 76.4





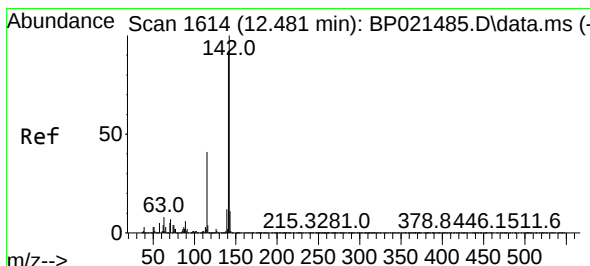
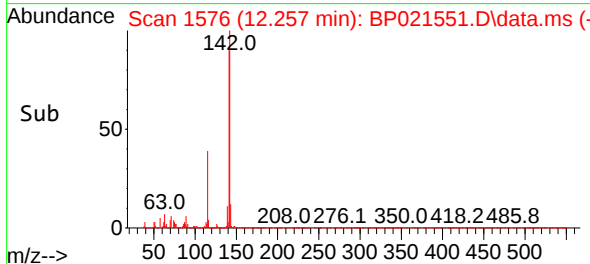
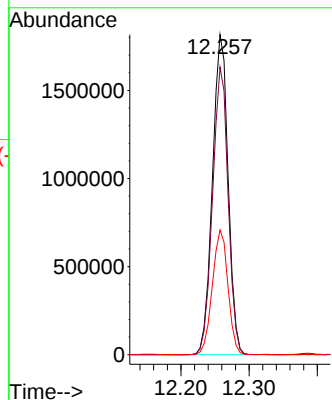
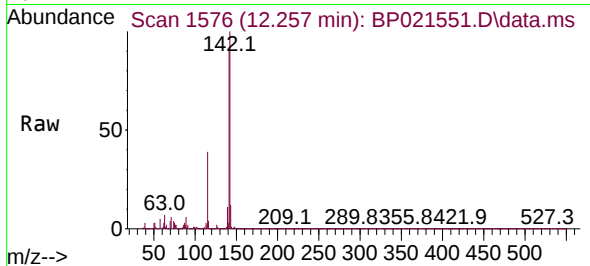
#37
2-Methylnaphthalene
Concen: 44.459 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion:142 Resp: 290308
Ion Ratio Lower Upper
142 100
141 89.9 71.7 107.5
115 38.9 31.4 47.2

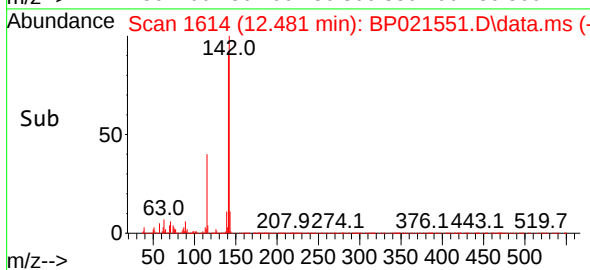
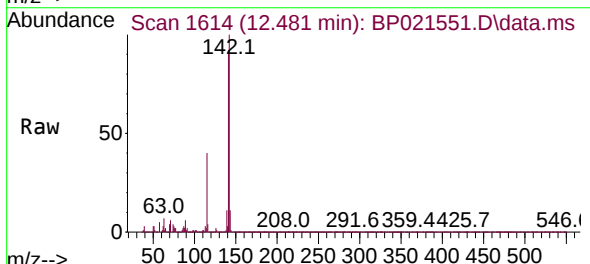
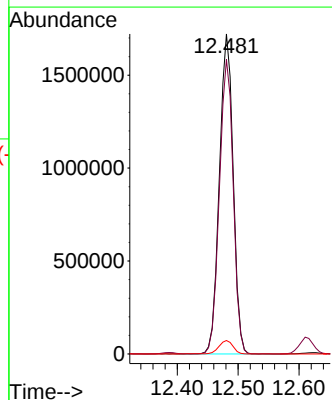
Manual Integrations
APPROVED

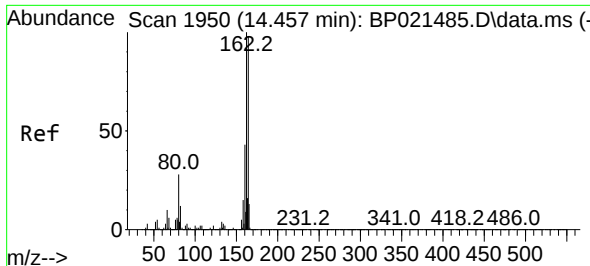
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#38
1-Methylnaphthalene
Concen: 41.880 ng
RT: 12.481 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion:142 Resp: 2697080
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3
116 4.2 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

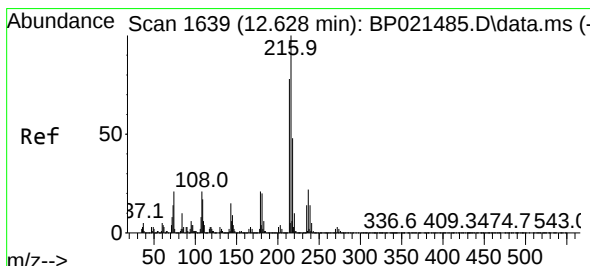
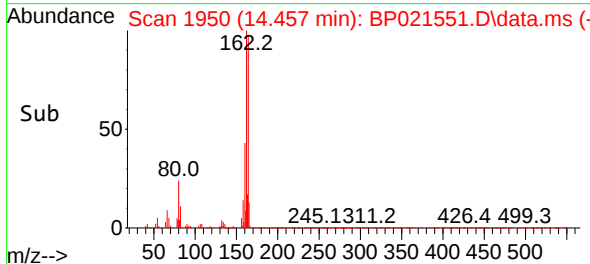
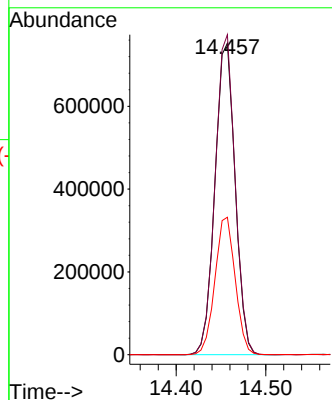
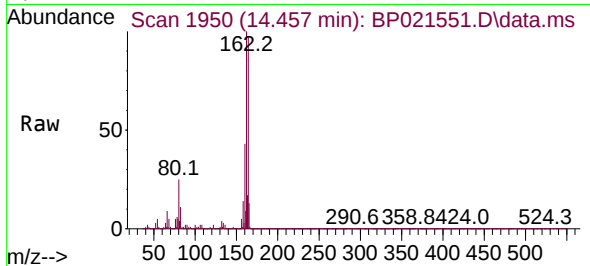
ClientSampleId :

PB162631BS

Tgt Ion:164 Resp: 117568
Ion Ratio Lower Upper
164 100
162 102.7 81.5 122.3
160 44.1 35.2 52.8

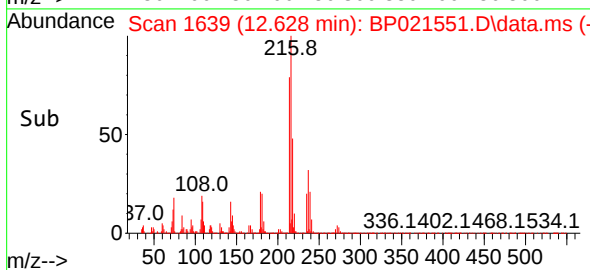
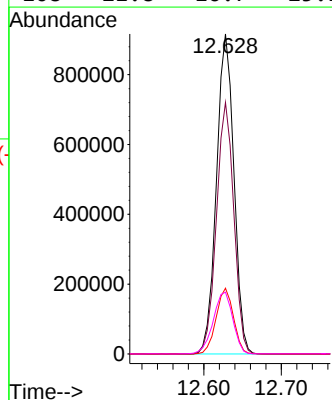
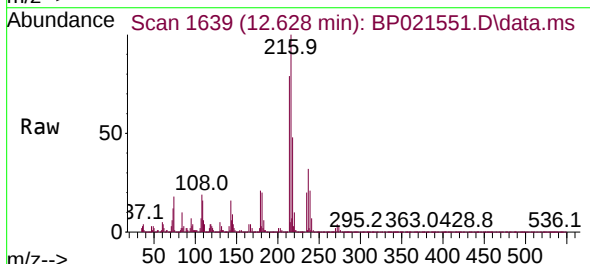
Manual Integrations
APPROVED

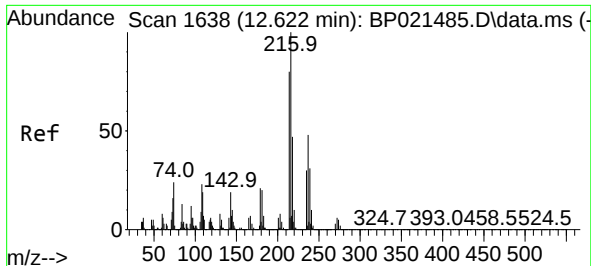
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.551 ng
RT: 12.628 min Scan# 1639
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

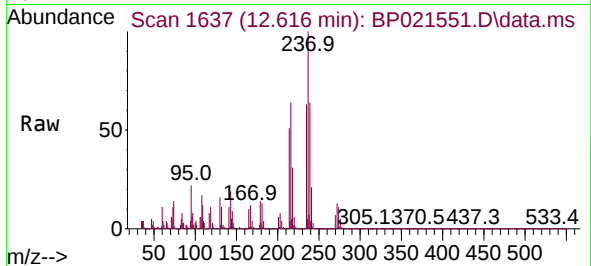
Tgt Ion:216 Resp: 1431354
Ion Ratio Lower Upper
216 100
214 78.4 62.5 93.7
179 20.5 16.4 24.6
108 21.8 16.7 25.1





#41
Hexachlorocyclopentadiene
Concen: 112.311 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

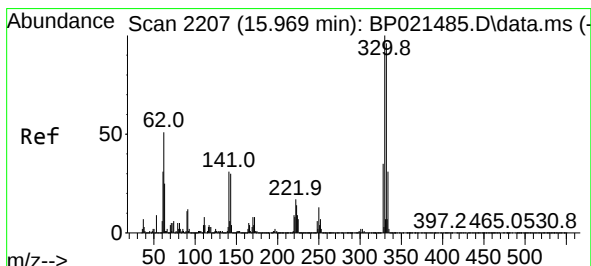
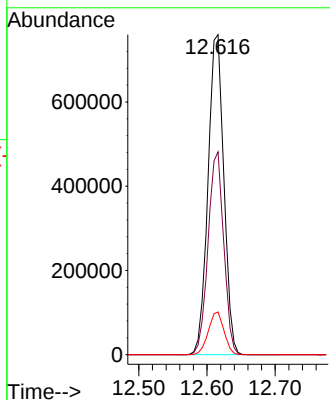
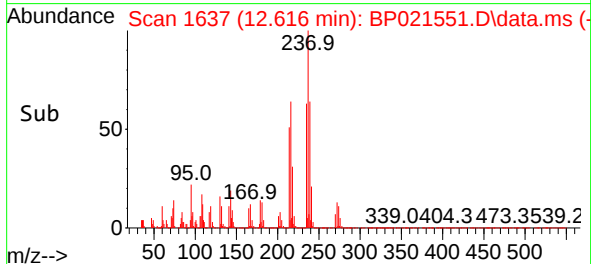
Instrument :
BNA_P
ClientSampleId :
PB162631BS



Tgt Ion:237 Resp: 1226184
Ion Ratio Lower Upper
237 100
235 63.4 43.9 83.9
272 13.3 0.0 33.3

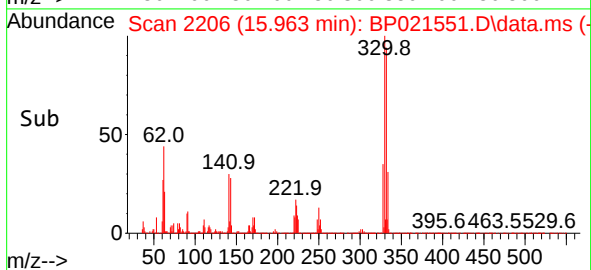
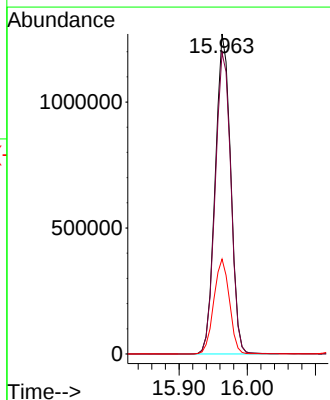
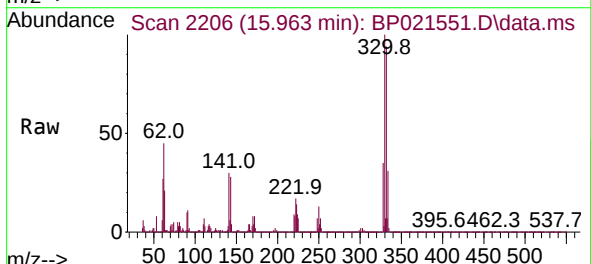
Manual Integrations
APPROVED

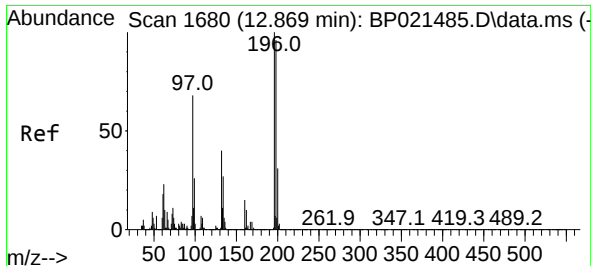
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#42
2,4,6-Tribromophenol
Concen: 152.943 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion:330 Resp: 2001237
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 29.9 24.5 36.7





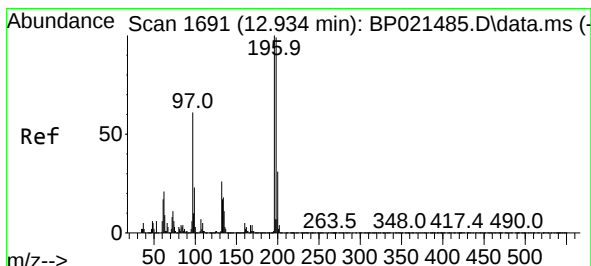
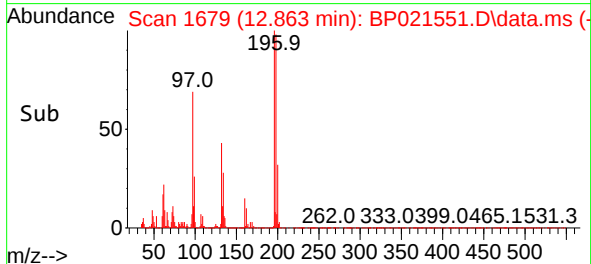
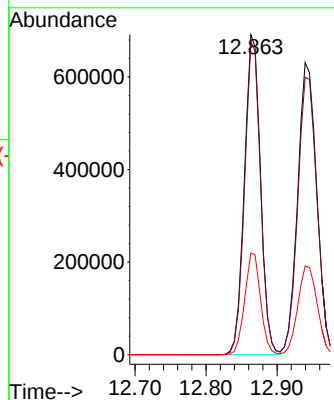
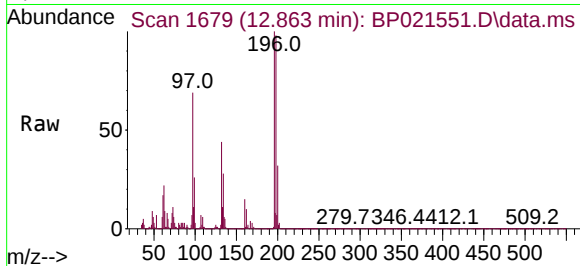
#43
2,4,6-Trichlorophenol
Concen: 57.164 ng
RT: 12.863 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion:196 Resp: 109384
Ion Ratio Lower Upper
196 100
198 97.8 76.6 114.8
200 31.8 24.5 36.7

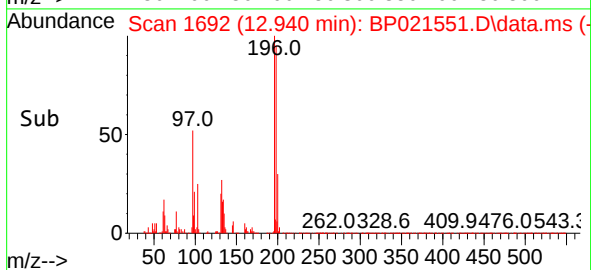
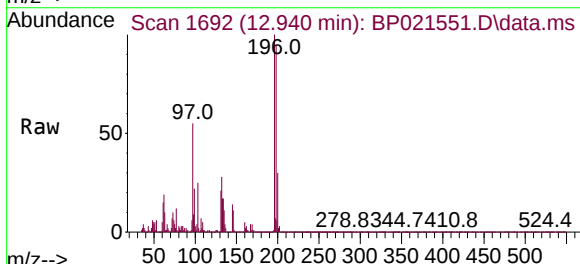
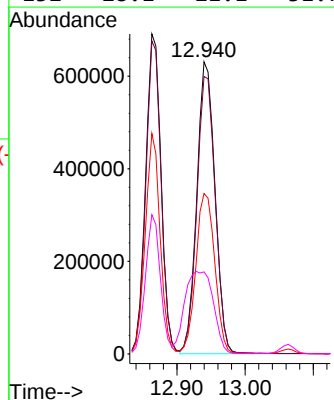
Manual Integrations
APPROVED

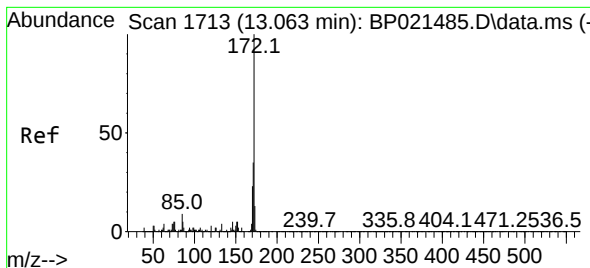
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#44
2,4,5-Trichlorophenol
Concen: 55.190 ng
RT: 12.940 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion:196 Resp: 1173329
Ion Ratio Lower Upper
196 100
198 94.9 78.9 118.3
97 54.9 49.4 74.0
132 28.1 21.1 31.7





#45
2-Fluorobiphenyl
Concen: 81.869 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

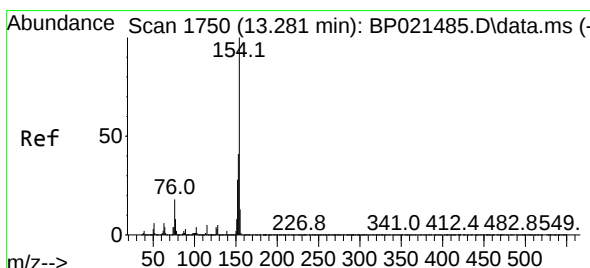
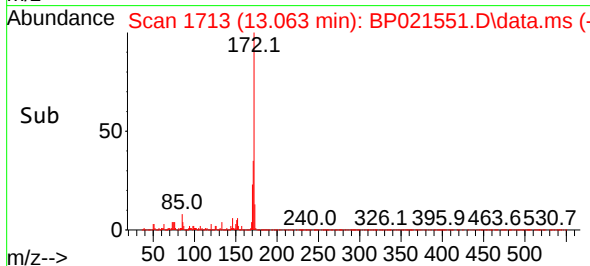
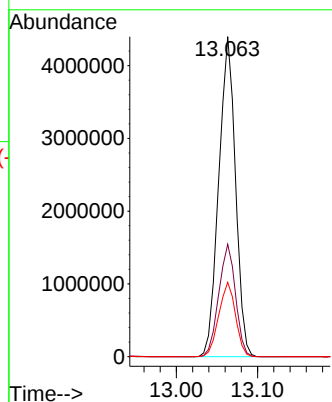
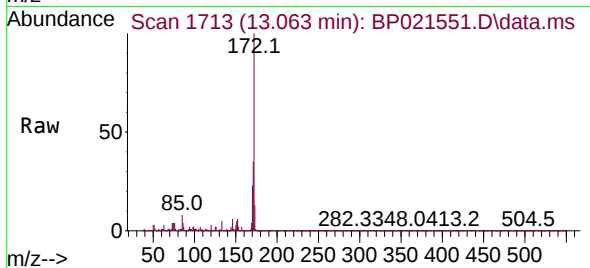
PB162631BS

Tgt Ion:172 Resp: 630683
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.2 18.4 27.6

Manual Integrations

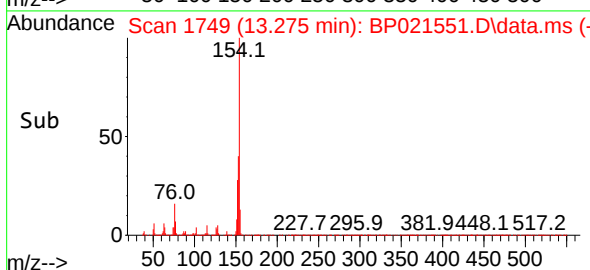
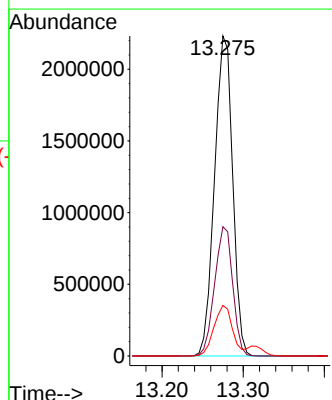
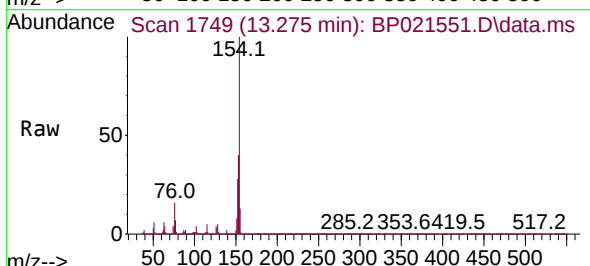
APPROVED

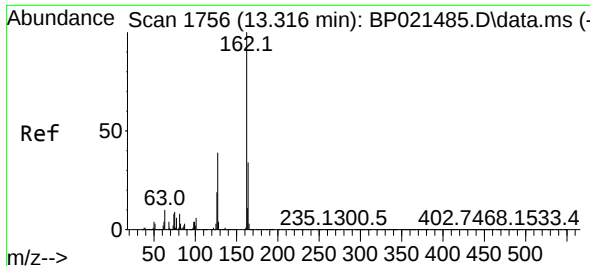
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#46
1,1'-Biphenyl
Concen: 41.607 ng
RT: 13.275 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion:154 Resp: 3460882
Ion Ratio Lower Upper
154 100
153 40.4 20.7 60.7
76 15.8 0.0 37.7





#47
2-Chloronaphthalene
Concen: 44.515 ng
RT: 13.316 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

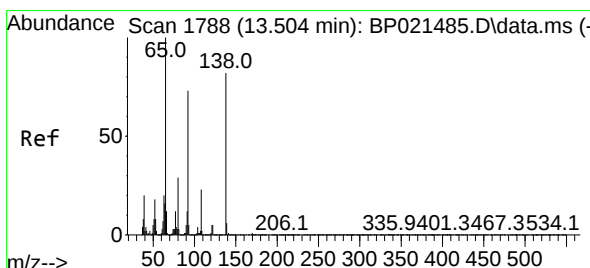
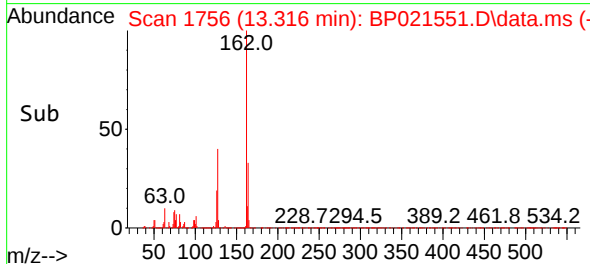
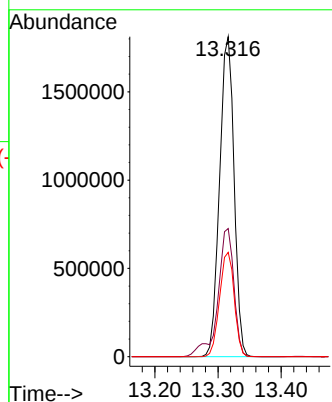
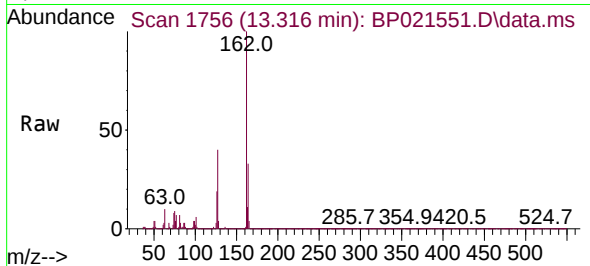
PB162631BS

Tgt Ion:162 Resp: 2882750
Ion Ratio Lower Upper
162 100
127 40.1 31.9 47.9
164 32.6 26.8 40.2

Manual Integrations

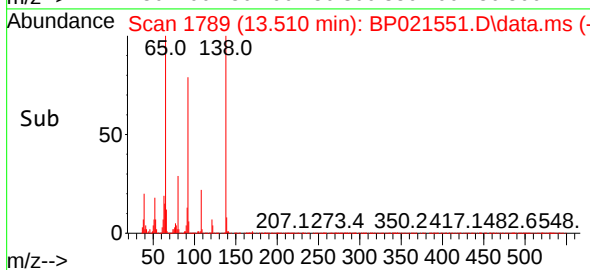
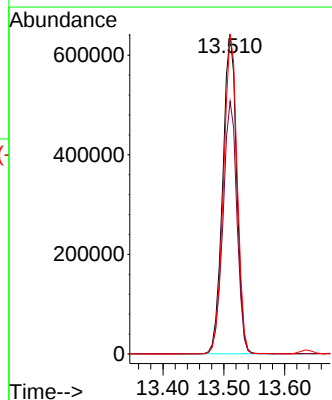
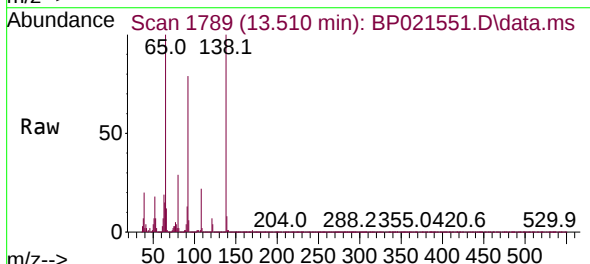
APPROVED

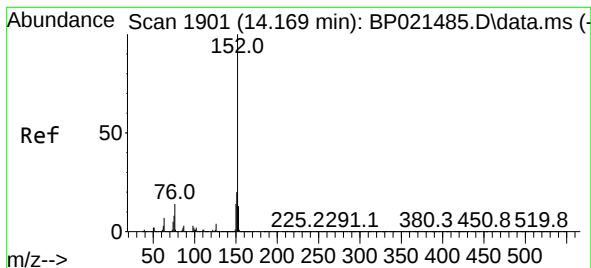
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#48
2-Nitroaniline
Concen: 55.391 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion: 65 Resp: 1021474
Ion Ratio Lower Upper
65 100
92 79.1 58.1 87.1
138 100.1 65.5 98.3





#49

Acenaphthylene

Concen: 49.941 ng

RT: 14.175 min Scan# 1901

Delta R.T. 0.006 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:152 Resp: 475435

Ion Ratio Lower Upper

152 100

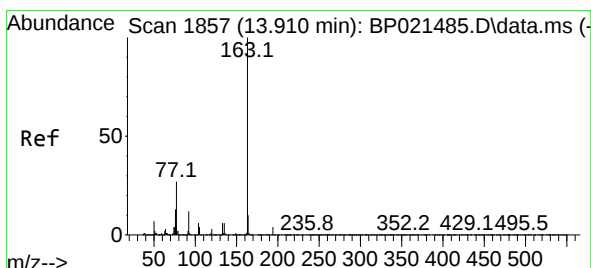
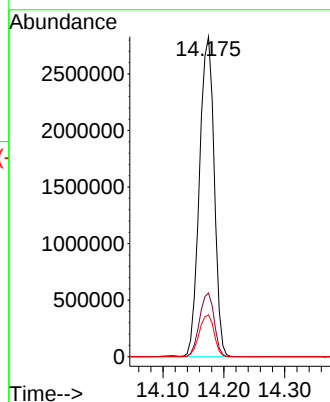
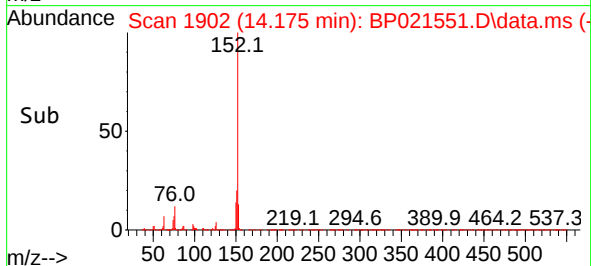
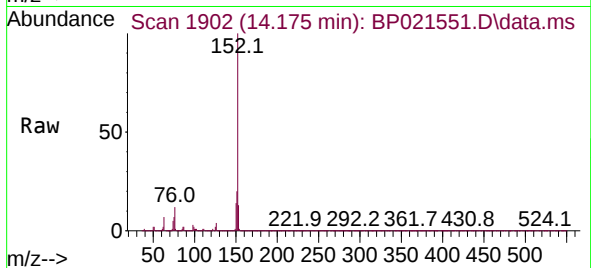
151 19.9 15.9 23.9

153 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#50

Dimethylphthalate

Concen: 46.807 ng

RT: 13.904 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

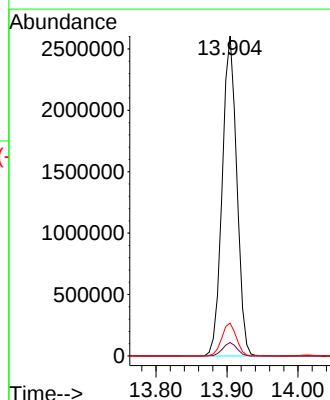
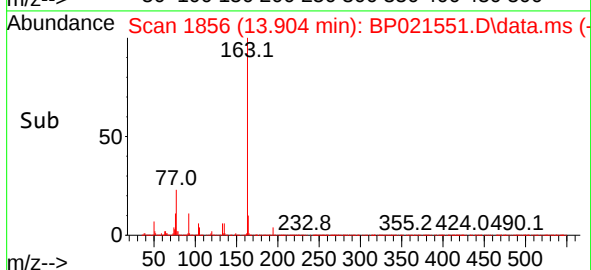
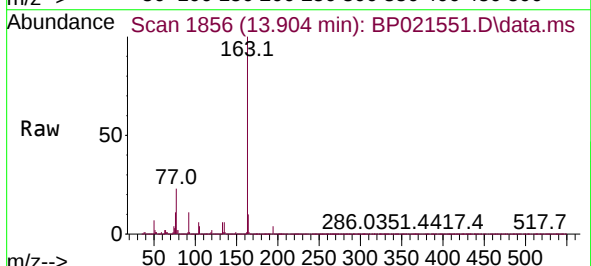
Tgt Ion:163 Resp: 3685324

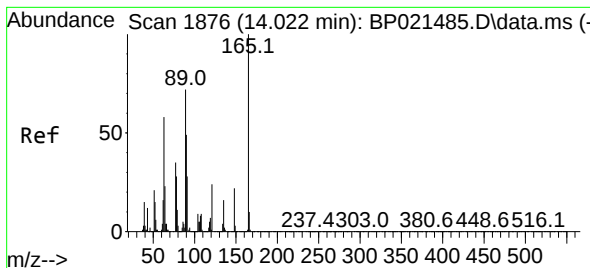
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 51.274 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

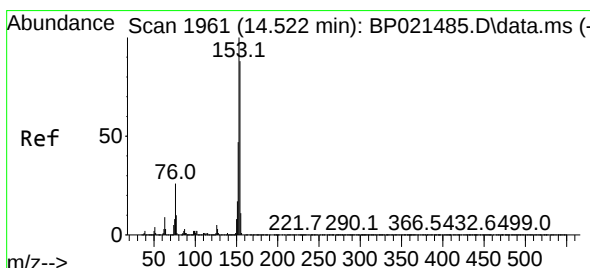
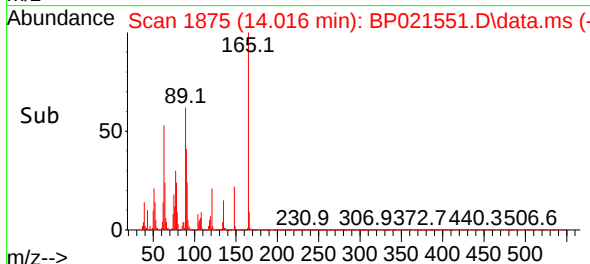
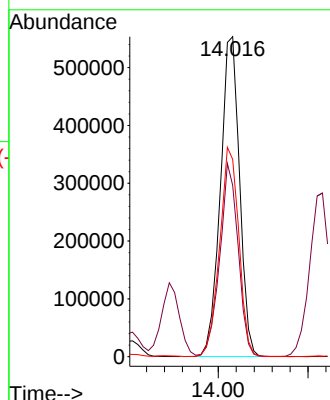
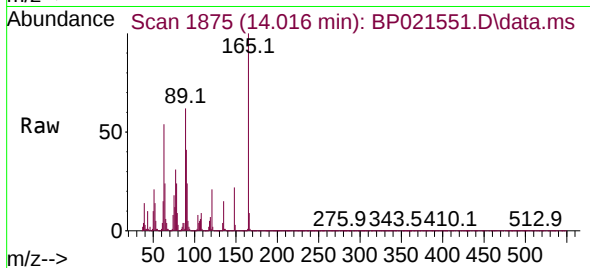
PB162631BS

Tgt Ion:165 Resp: 81917
Ion Ratio Lower Upper
165 100
63 53.5 51.5 77.3
89 61.7 57.8 86.8

Manual Integrations

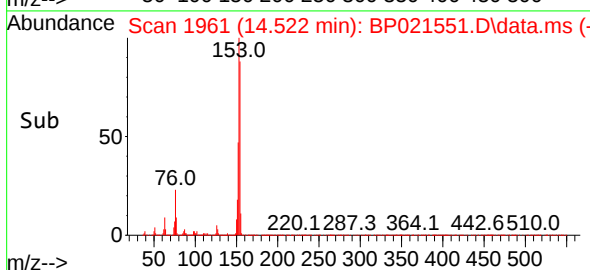
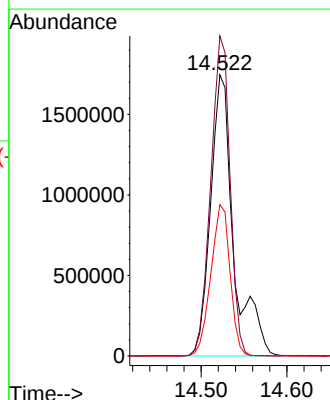
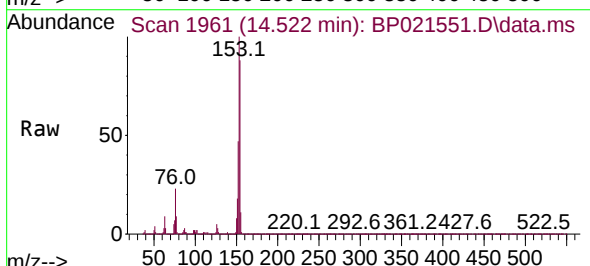
APPROVED

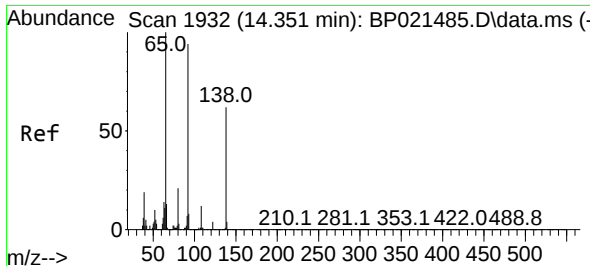
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#52
Acenaphthene
Concen: 52.265 ng m
RT: 14.522 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion:154 Resp: 3264640
Ion Ratio Lower Upper
154 100
153 113.8 91.1 136.7
152 53.8 43.0 64.4





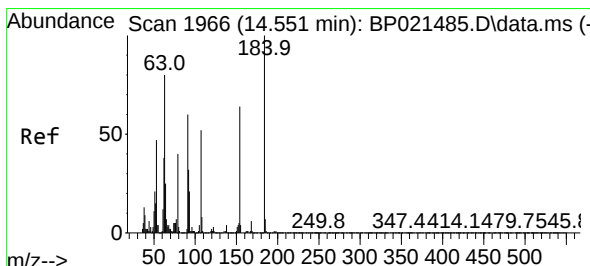
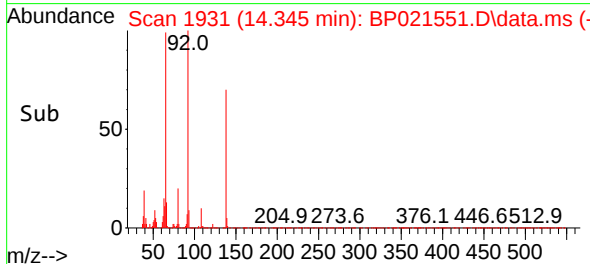
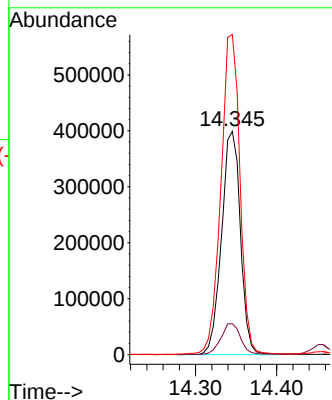
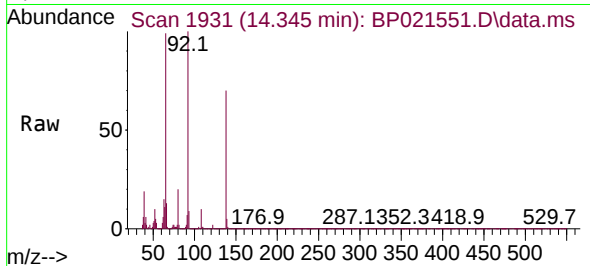
#53
3-Nitroaniline
Concen: 41.775 ng
RT: 14.345 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion:138 Resp: 643574
Ion Ratio Lower Upper
138 100
108 13.8 16.2 24.4
92 143.2 122.2 183.4

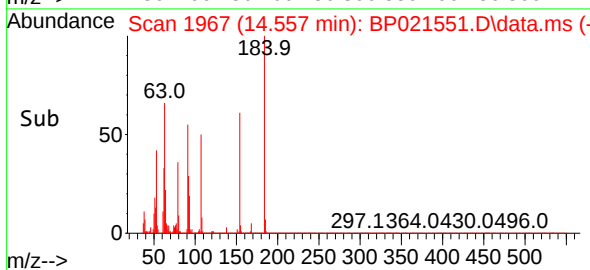
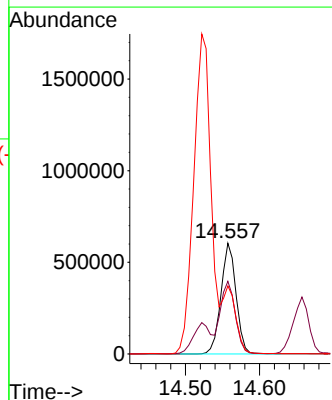
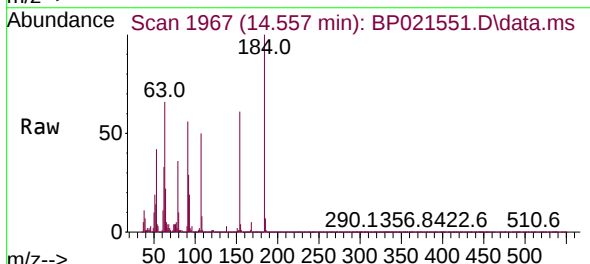
Manual Integrations
APPROVED

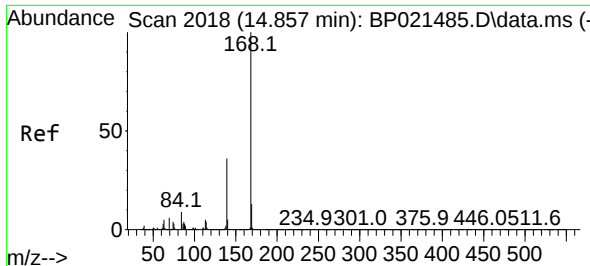
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#54
2,4-Dinitrophenol
Concen: 121.100 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

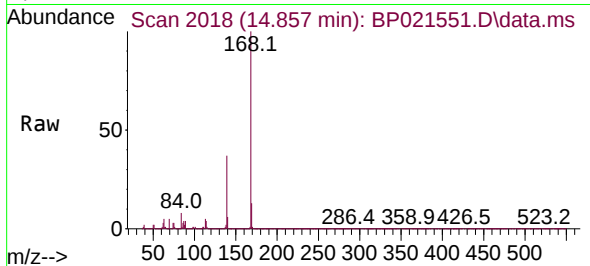
Tgt Ion:184 Resp: 854214
Ion Ratio Lower Upper
184 100
63 65.7 64.9 97.3
154 61.4 52.1 78.1





#55
Dibenzenofuran
Concen: 46.414 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

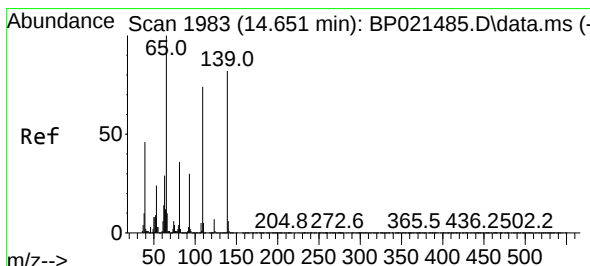
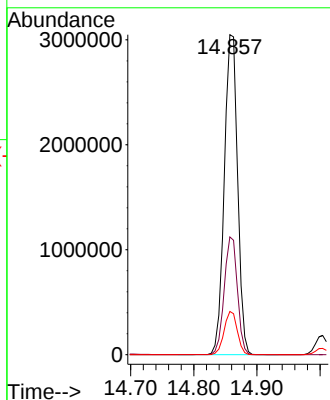
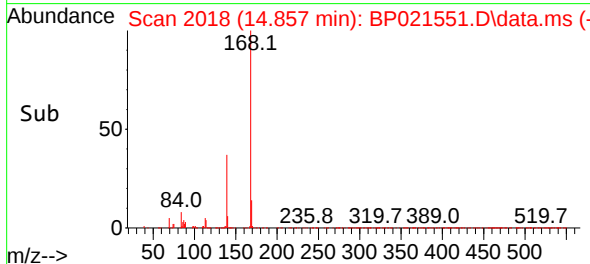
Instrument :
BNA_P
ClientSampleId :
PB162631BS



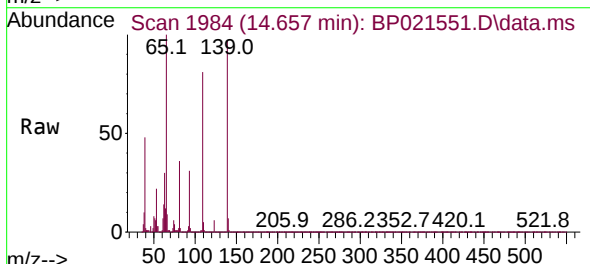
Tgt Ion:168 Resp: 445984
Ion Ratio Lower Upper
168 100
139 36.8 28.6 43.0
169 13.5 10.6 16.0

Manual Integrations
APPROVED

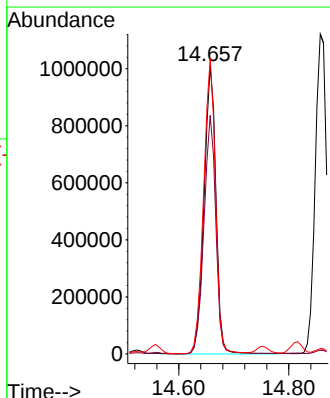
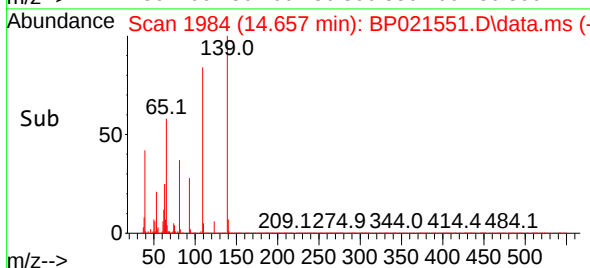
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

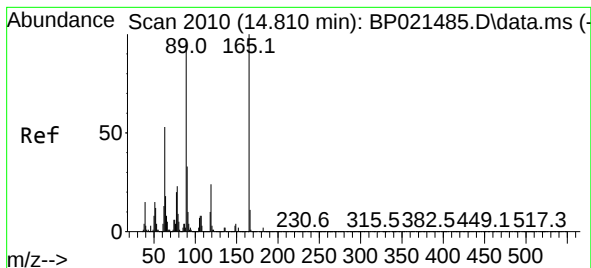


#56
4-Nitrophenol
Concen: 113.292 ng
RT: 14.657 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50



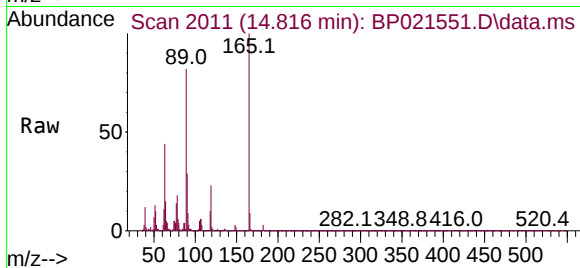
Tgt Ion:139 Resp: 1508841
Ion Ratio Lower Upper
139 100
109 82.9 70.2 110.2
65 102.9 101.8 141.8





#57
2,4-Dinitrotoluene
Concen: 55.688 ng
RT: 14.816 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

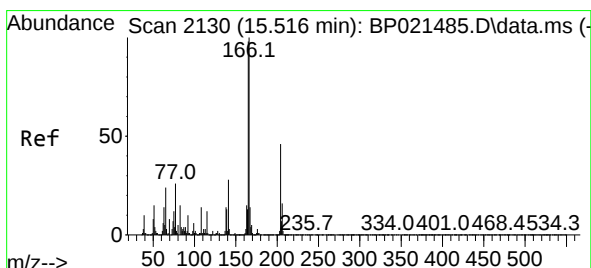
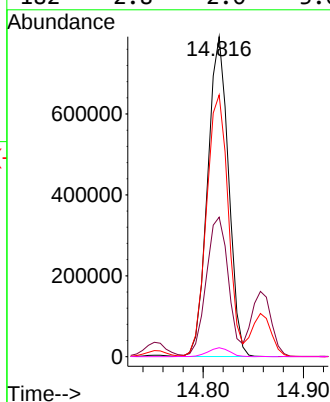
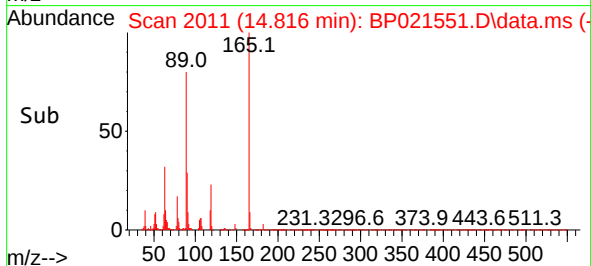
Instrument :
BNA_P
ClientSampleId :
PB162631BS



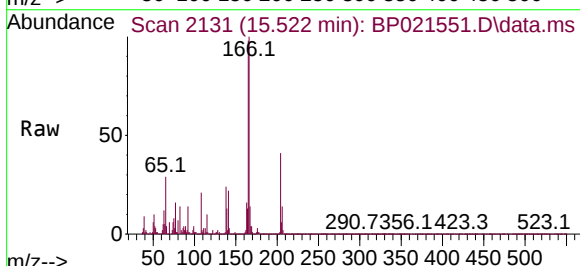
Tgt Ion:165 Resp: 114321
Ion Ratio Lower Upper
165 100
63 43.6 42.5 63.7
89 81.8 77.1 115.7
182 2.8 2.0 3.0

Manual Integrations
APPROVED

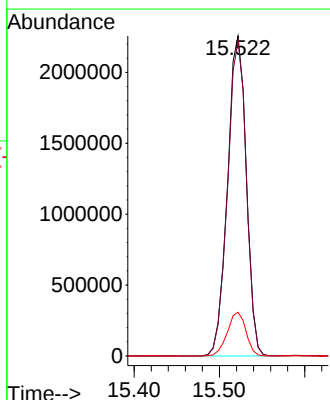
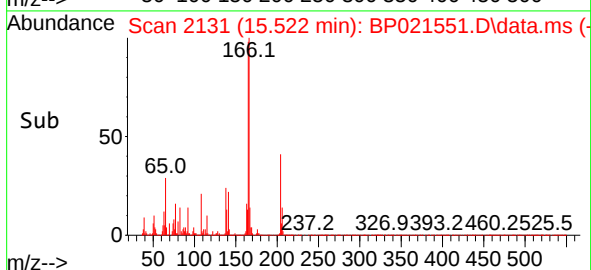
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

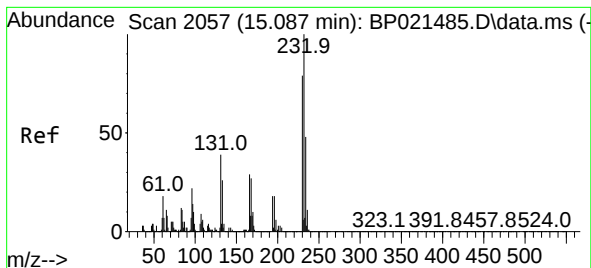


#58
Fluorene
Concen: 43.736 ng
RT: 15.522 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50



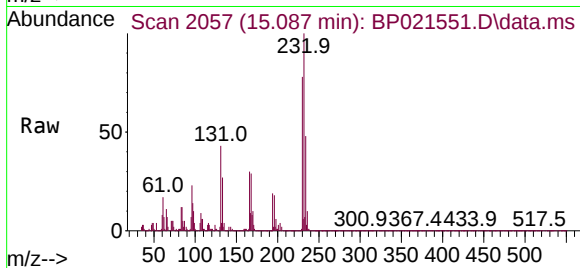
Tgt Ion:166 Resp: 3452518
Ion Ratio Lower Upper
166 100
165 98.4 78.1 117.1
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.143 ng
RT: 15.087 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

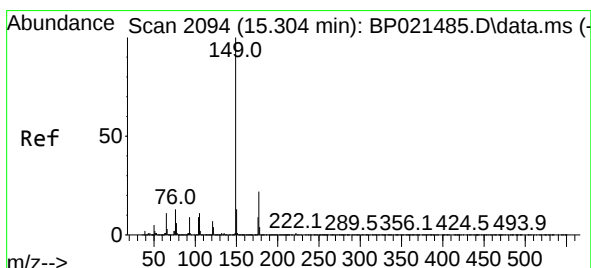
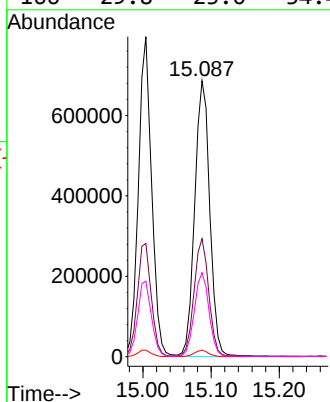
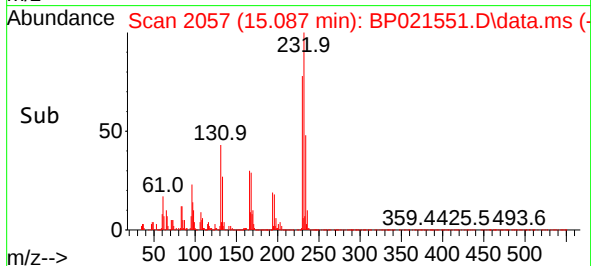
Instrument :
BNA_P
ClientSampleId :
PB162631BS



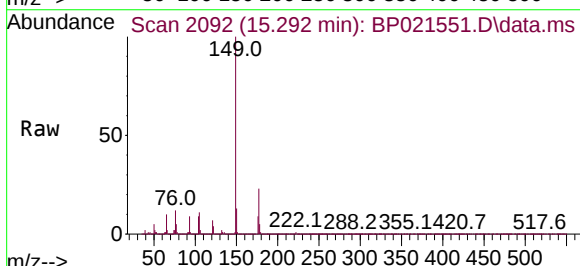
Tgt Ion:232 Resp: 104919
Ion Ratio Lower Upper
232 100
131 41.9 33.1 49.7
130 2.2 1.7 2.5
166 29.8 23.0 34.4

Manual Integrations
APPROVED

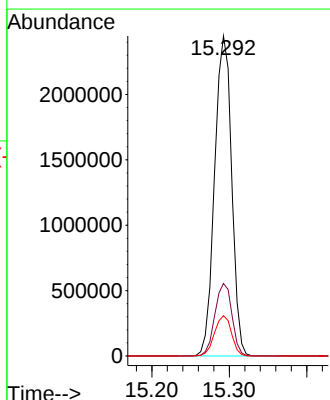
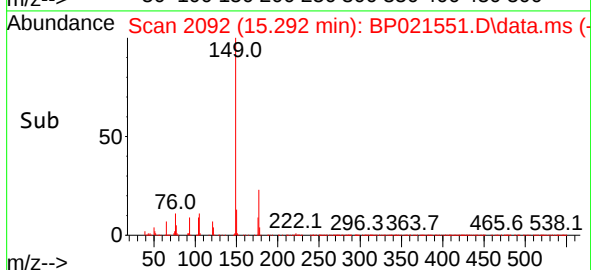
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

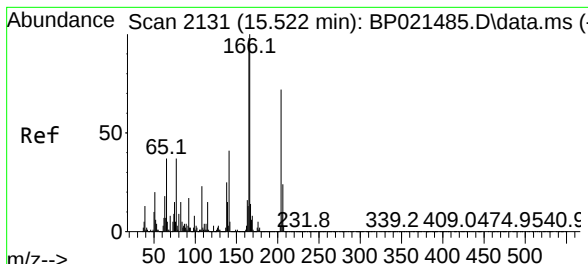


#60
Diethylphthalate
Concen: 46.269 ng
RT: 15.292 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50



Tgt Ion:149 Resp: 3737794
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.6 10.1 15.1





#61
 4-Chlorophenyl-phenylether
 Concen: 42.890 ng
 RT: 15.516 min Scan# 2130
 Delta R.T. -0.006 min
 Lab File: BP021551.D
 Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

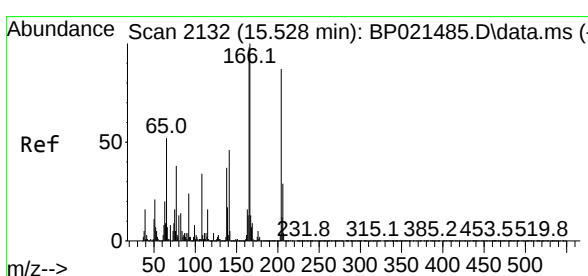
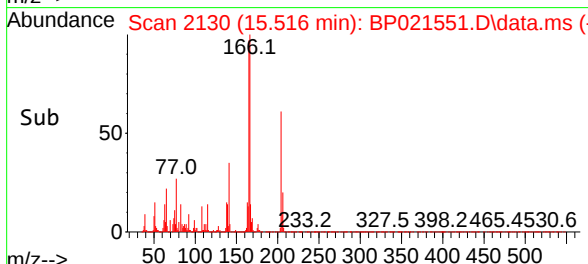
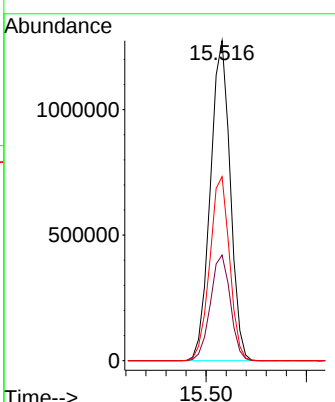
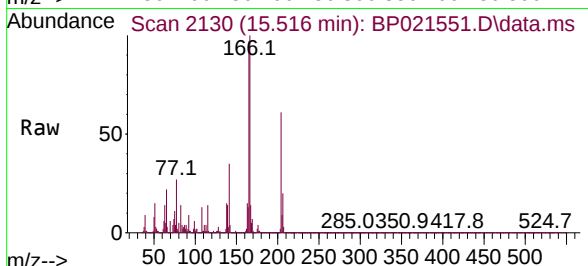
PB162631BS

Tgt Ion: 204 Resp: 175009

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.4	39.6
141	57.5	46.1	69.1

Manual Integrations
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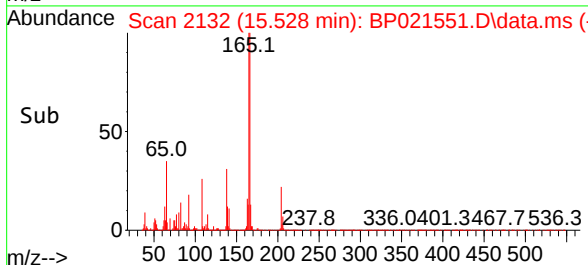
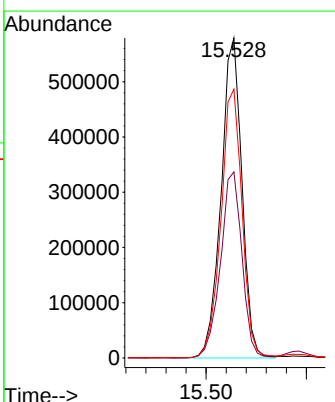
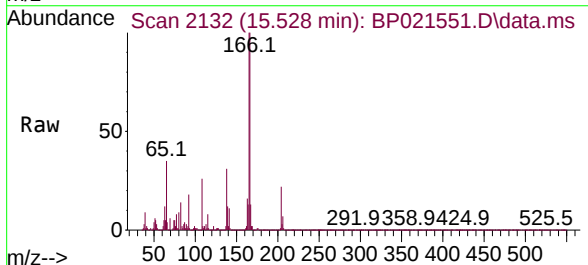
Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024

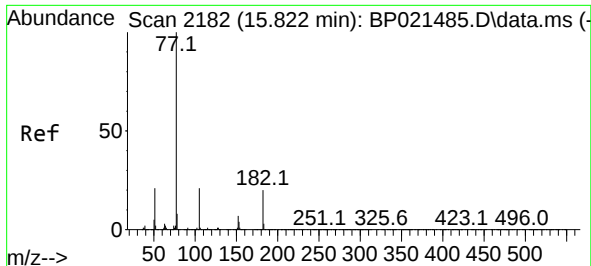


#62
 4-Nitroaniline
 Concen: 51.712 ng
 RT: 15.528 min Scan# 2132
 Delta R.T. -0.000 min
 Lab File: BP021551.D
 Acq: 19 Aug 2024 12:50

Tgt Ion: 138 Resp: 833916

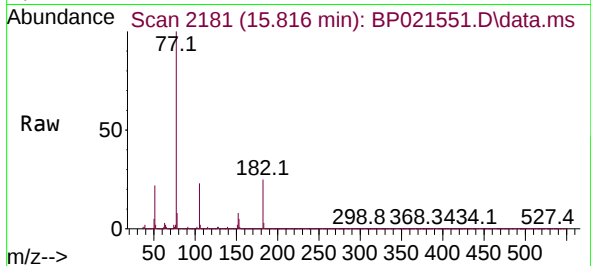
Ion	Ratio	Lower	Upper
138	100		
92	58.2	46.4	86.4
108	84.0	73.2	113.2





#63
Azobenzene
Concen: 40.931 ng
RT: 15.816 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

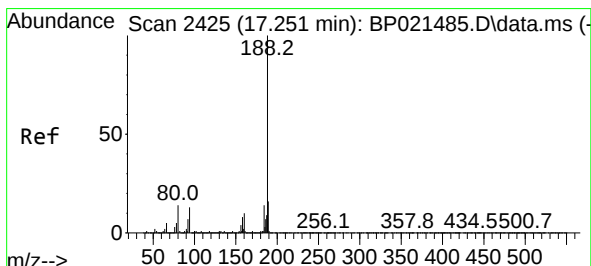
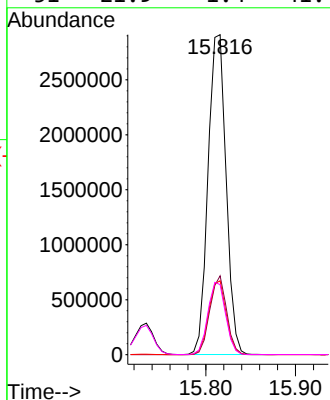
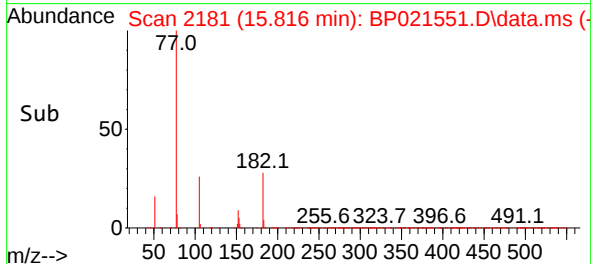
Instrument :
BNA_P
ClientSampleId :
PB162631BS



Tgt Ion: 77 Resp: 4064609
Ion Ratio Lower Upper
77 100
182 24.7 0.0 39.9
105 23.1 0.9 40.9
51 21.9 1.4 41.4

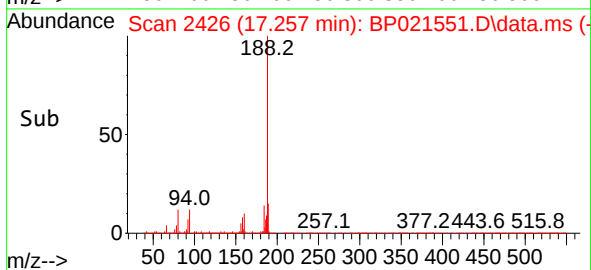
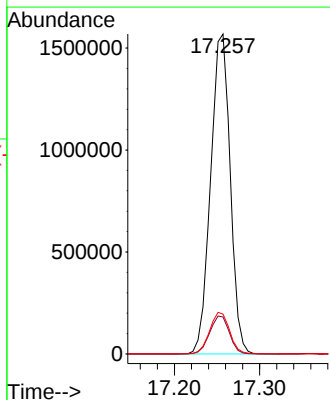
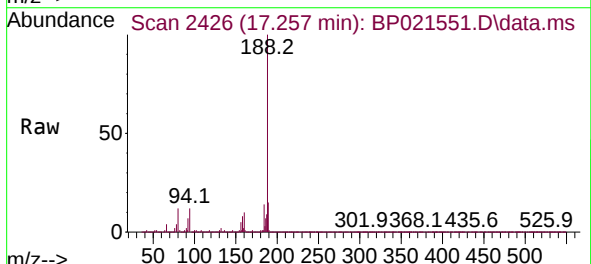
Manual Integrations
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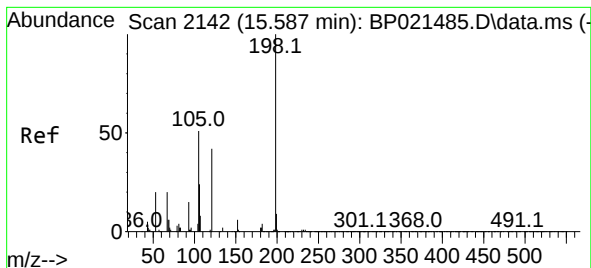
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion:188 Resp: 2499976
Ion Ratio Lower Upper
188 100
94 11.5 10.2 15.4
80 12.5 11.6 17.4





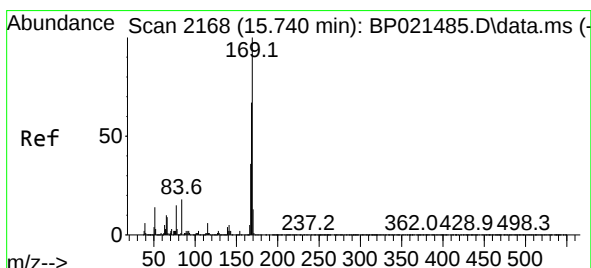
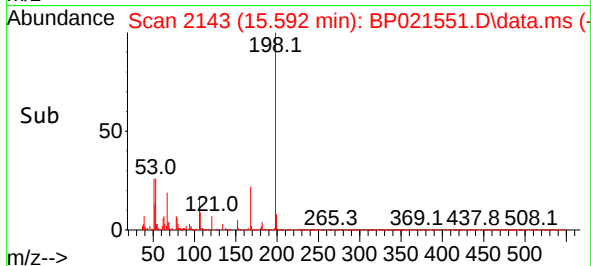
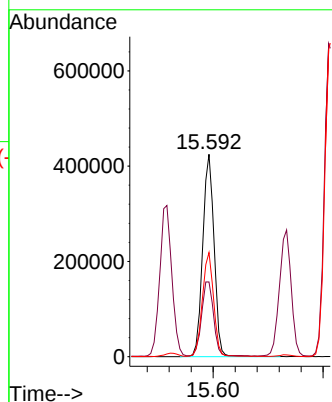
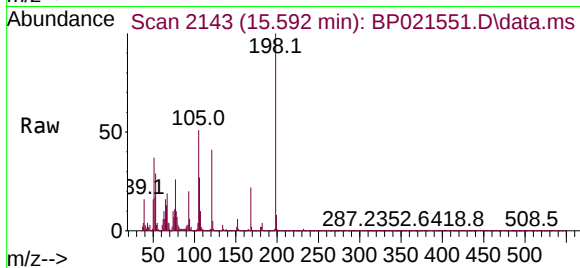
#65
4,6-Dinitro-2-methylphenol
Concen: 69.329 ng
RT: 15.592 min Scan# 2143
Delta R.T. 0.005 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB162631BS

Tgt Ion:198 Resp: 60933
Ion Ratio Lower Upper
198 100
51 36.9 21.5 61.5
105 51.5 32.9 72.9

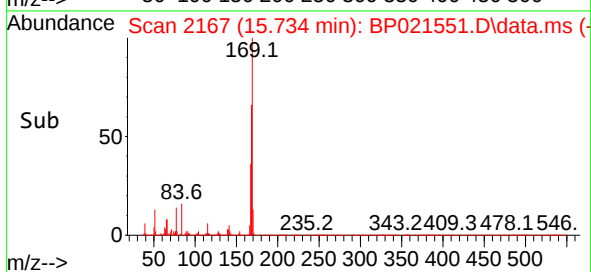
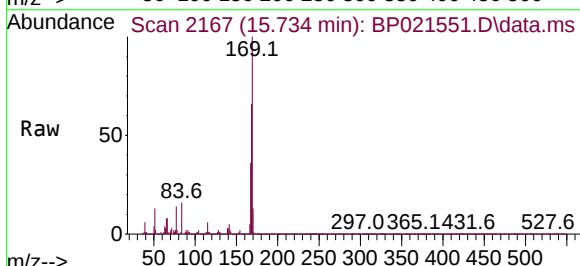
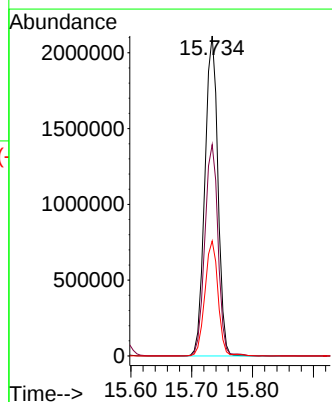
Manual Integrations
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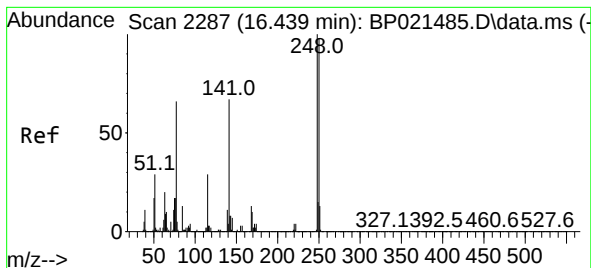
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#66
n-Nitrosodiphenylamine
Concen: 46.912 ng
RT: 15.734 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion:169 Resp: 3142939
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.2
167 35.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 44.539 ng
RT: 16.428 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

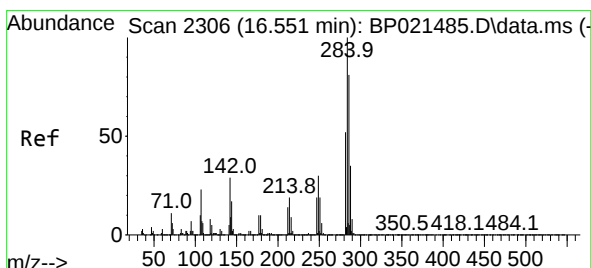
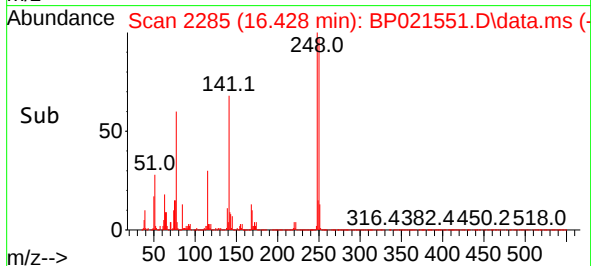
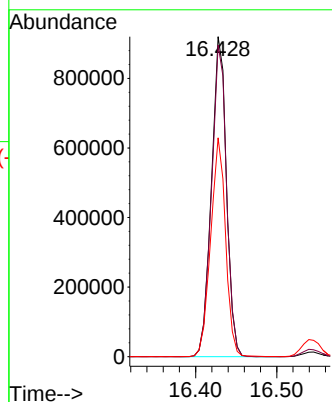
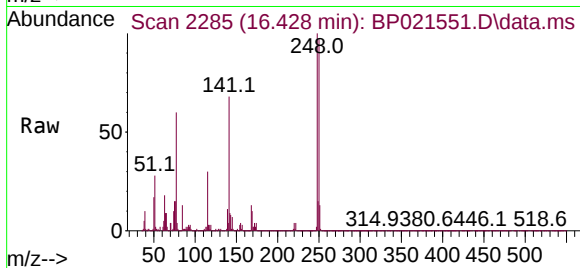
PB162631BS

Tgt Ion:248 Resp: 1178450
Ion Ratio Lower Upper
248 100
250 97.4 78.6 117.8
141 68.4 53.9 80.9

Manual Integrations

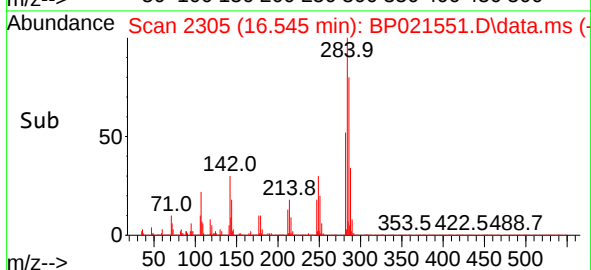
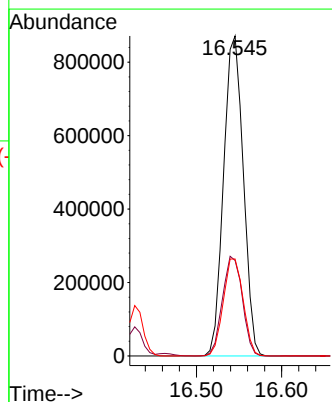
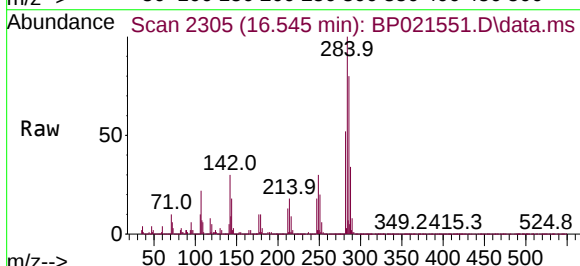
APPROVED

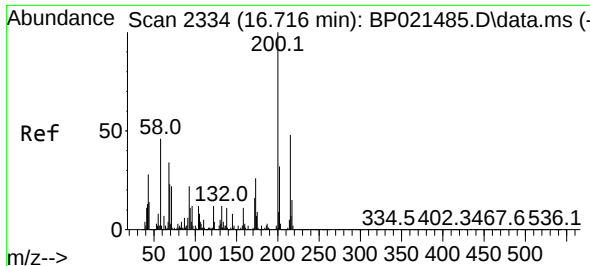
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#68
Hexachlorobenzene
Concen: 44.707 ng
RT: 16.545 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

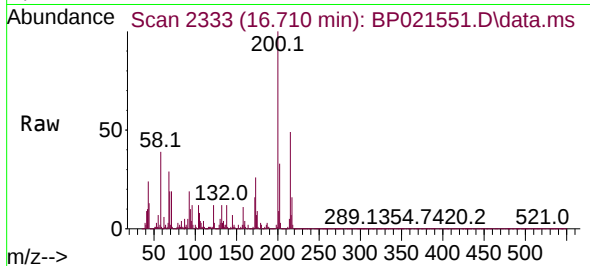
Tgt Ion:284 Resp: 1397904
Ion Ratio Lower Upper
284 100
142 29.8 23.4 35.2
249 30.3 24.1 36.1





#69
Atrazine
Concen: 43.734 ng
RT: 16.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

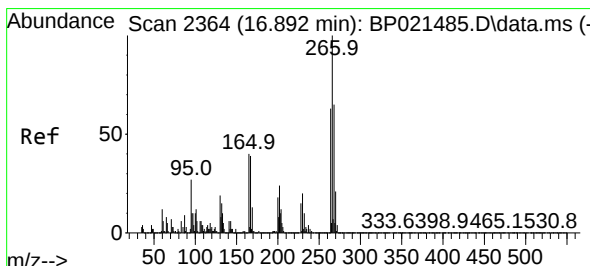
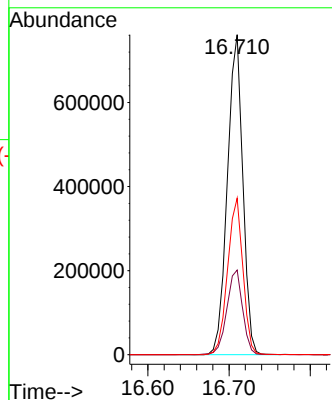
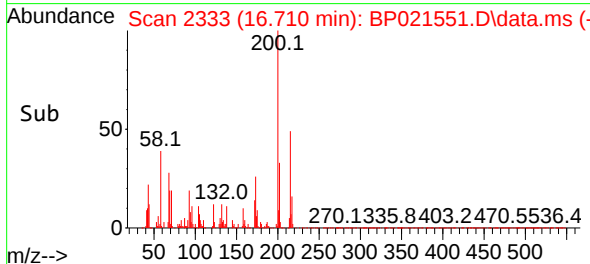
Instrument :
BNA_P
ClientSampleId :
PB162631BS



Tgt Ion:200 Resp: 100597
Ion Ratio Lower Upper
200 100
173 26.4 6.2 46.2
215 48.9 28.4 68.4

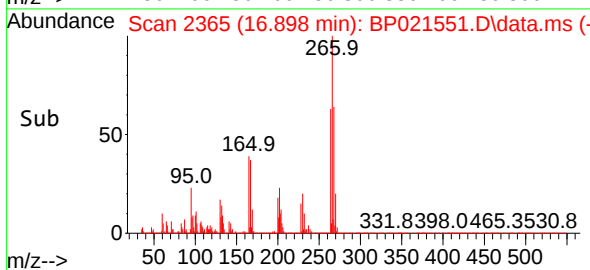
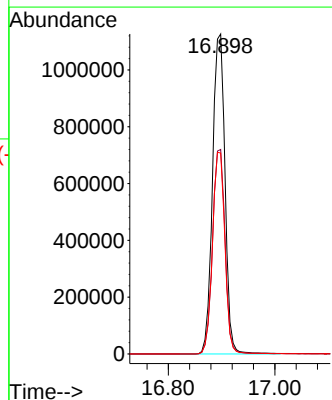
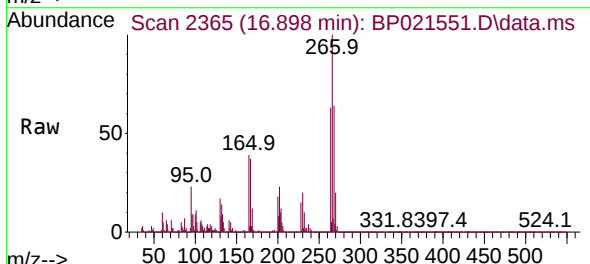
Manual Integrations
APPROVED

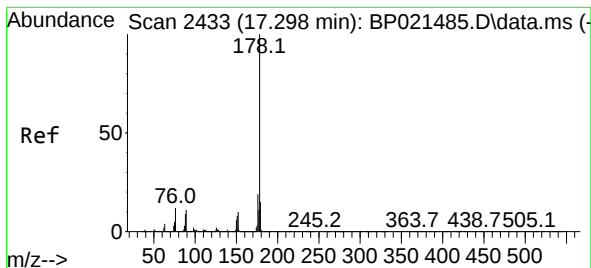
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#70
Pentachlorophenol
Concen: 107.572 ng
RT: 16.898 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

Tgt Ion:266 Resp: 1835835
Ion Ratio Lower Upper
266 100
268 63.9 51.8 77.6
264 62.8 50.5 75.7





#71

Phenanthrene

Concen: 47.147 ng

RT: 17.304 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:178 Resp: 566850

Ion Ratio Lower Upper

178 100

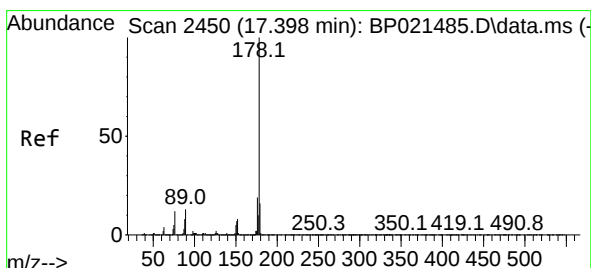
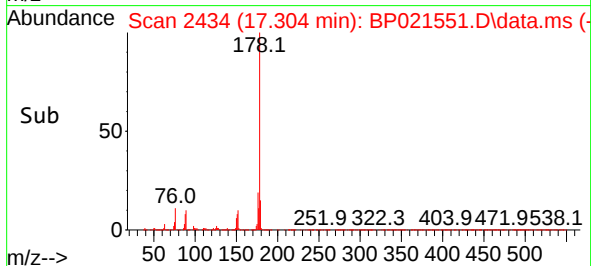
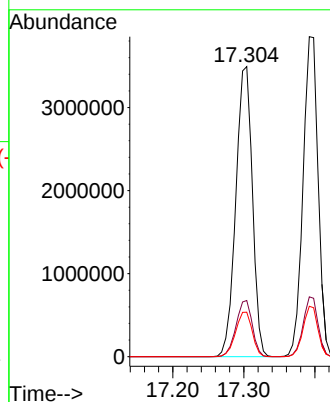
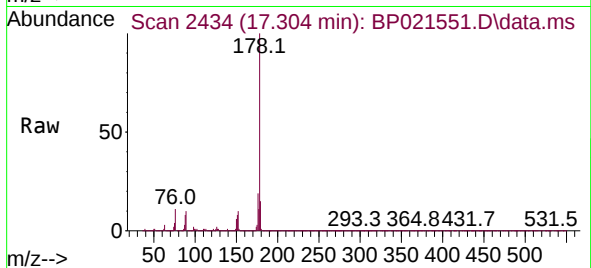
176 19.4 15.4 23.2

179 15.3 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#72

Anthracene

Concen: 48.032 ng

RT: 17.392 min Scan# 2449

Delta R.T. -0.006 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

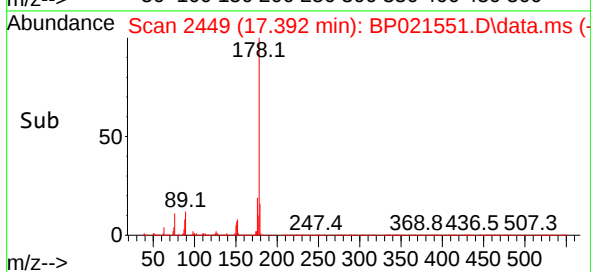
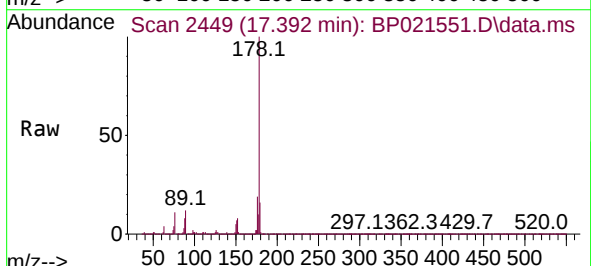
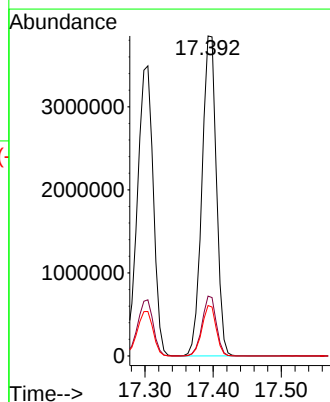
Tgt Ion:178 Resp: 5663510

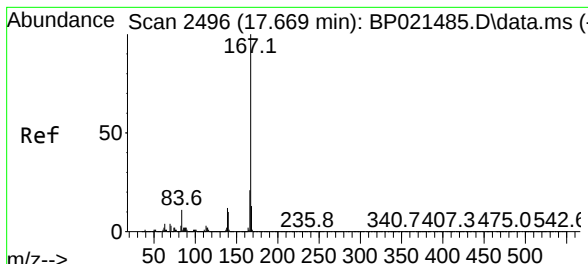
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 48.083 ng
 RT: 17.669 min Scan# 2496
 Delta R.T. -0.000 min
 Lab File: BP021551.D
 Acq: 19 Aug 2024 12:50

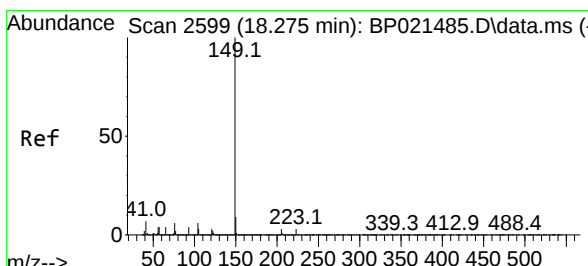
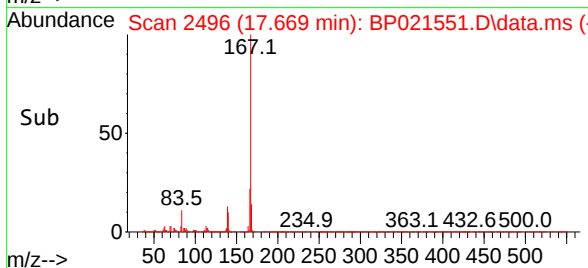
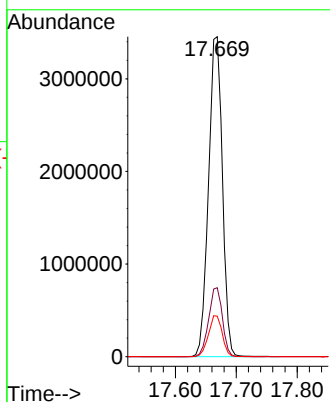
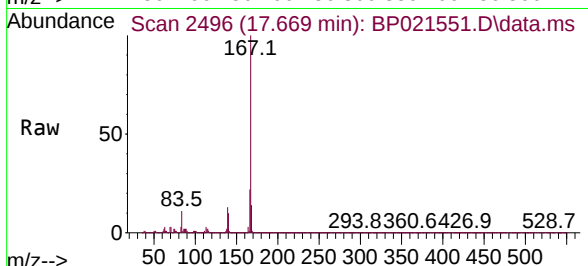
Instrument :
 BNA_P
 ClientSampleId :
 PB162631BS

Tgt Ion:167 Resp: 5463874

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.4
139	12.6	9.9	14.9

Manual Integrations
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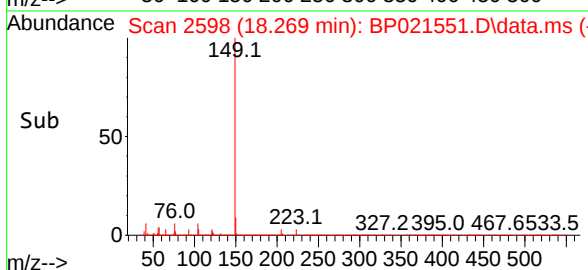
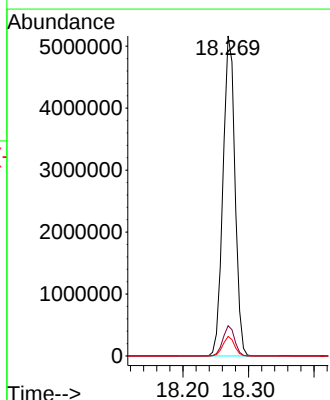
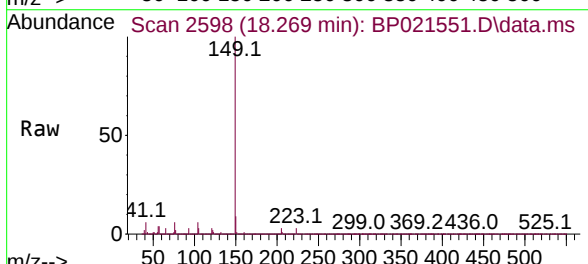
Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024

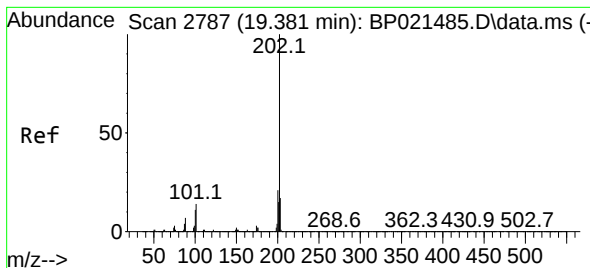


#74
 Di-n-butylphthalate
 Concen: 46.731 ng
 RT: 18.269 min Scan# 2598
 Delta R.T. -0.006 min
 Lab File: BP021551.D
 Acq: 19 Aug 2024 12:50

Tgt Ion:149 Resp: 6521571

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	6.1	4.9	7.3





#75

Fluoranthene

Concen: 46.651 ng

RT: 19.380 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:202 Resp: 688198

Ion Ratio Lower Upper

202 100

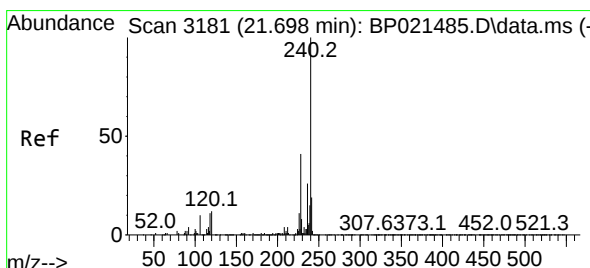
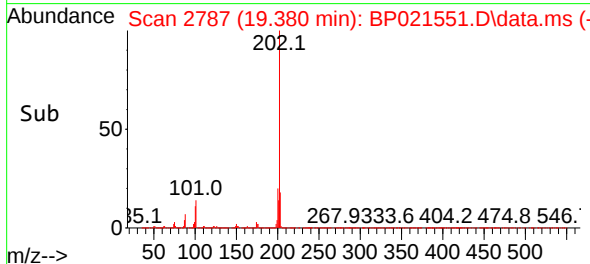
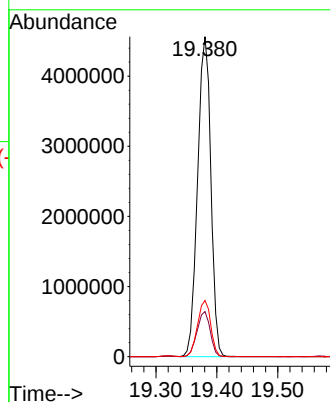
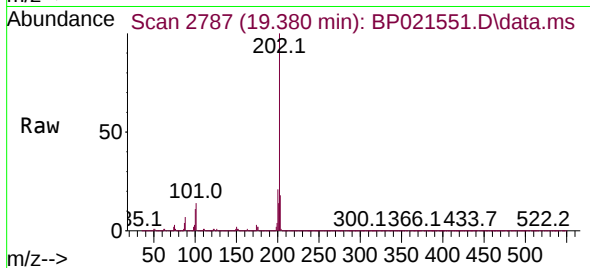
101 14.1 0.0 34.0

203 17.6 0.0 37.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.721 min Scan# 3185

Delta R.T. 0.023 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

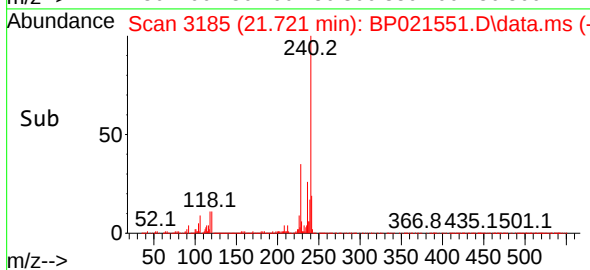
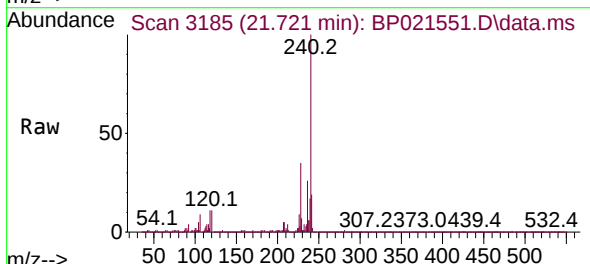
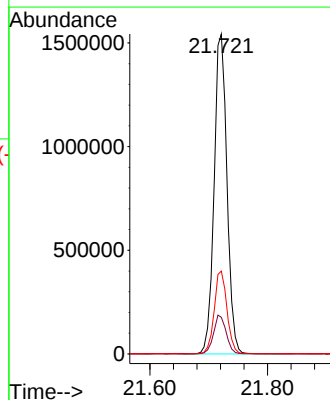
Tgt Ion:240 Resp: 2338286

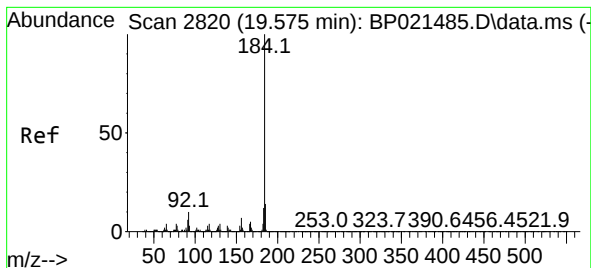
Ion Ratio Lower Upper

240 100

120 11.4 9.9 14.9

236 25.9 20.6 30.8





#77

Benzidine

Concen: 26.591 ng

RT: 19.569 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:184 Resp: 143848

Ion Ratio Lower Upper

184 100

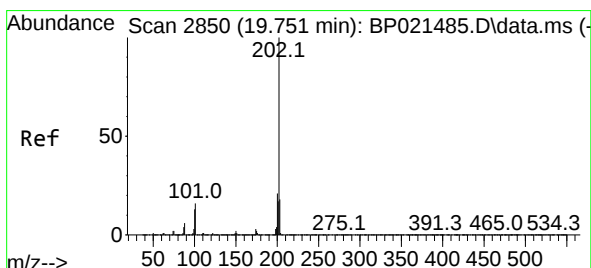
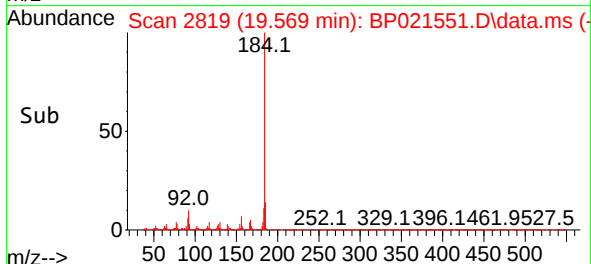
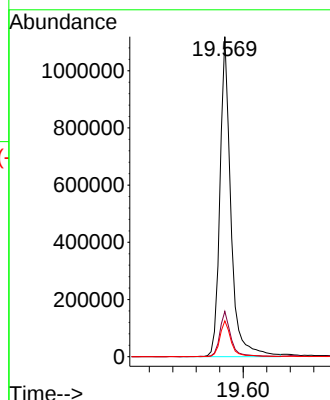
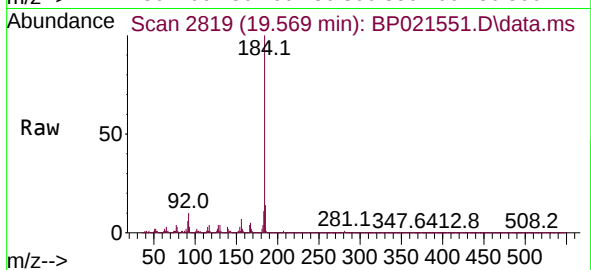
185 14.2 11.4 17.0

183 11.2 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#78

Pyrene

Concen: 47.323 ng

RT: 19.757 min Scan# 2851

Delta R.T. 0.006 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

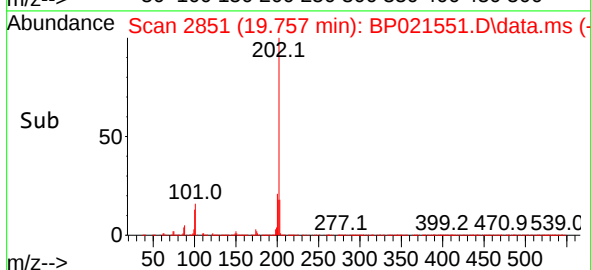
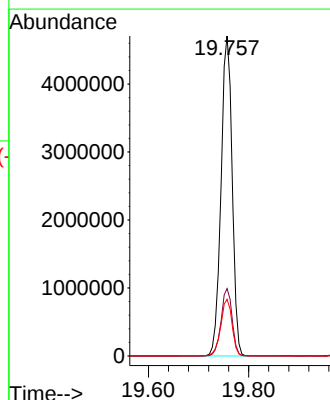
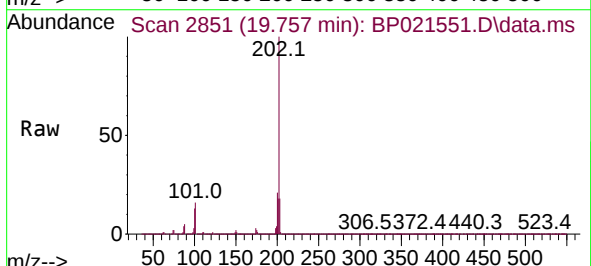
Tgt Ion:202 Resp: 7232600

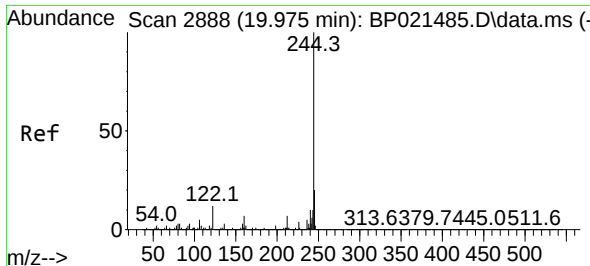
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 17.7 14.1 21.1





#79
 Terphenyl-d14
 Concen: 85.573 ng
 RT: 19.975 min Scan# 2888
 Delta R.T. -0.000 min
 Lab File: BP021551.D
 Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

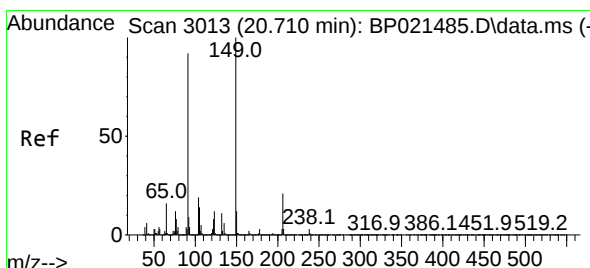
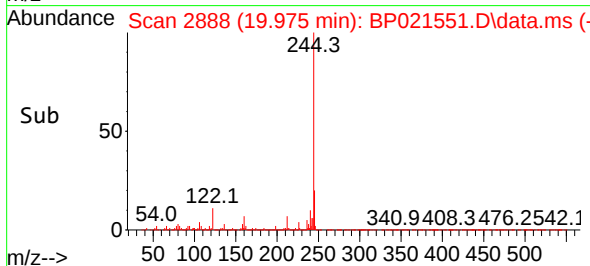
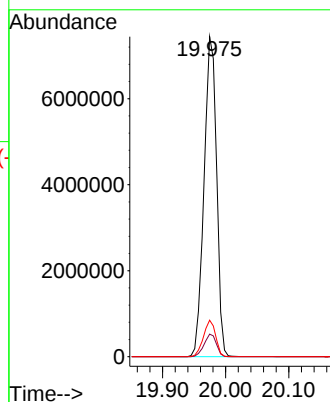
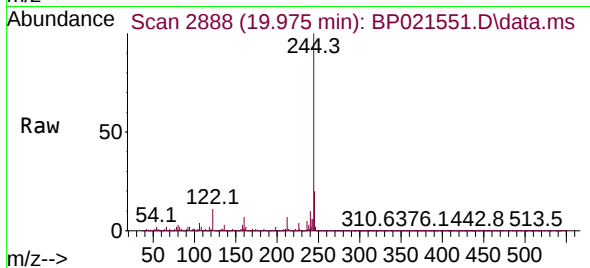
PB162631BS

Tgt Ion:244 Resp:10299649
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.4 9.4 14.2

Manual Integrations

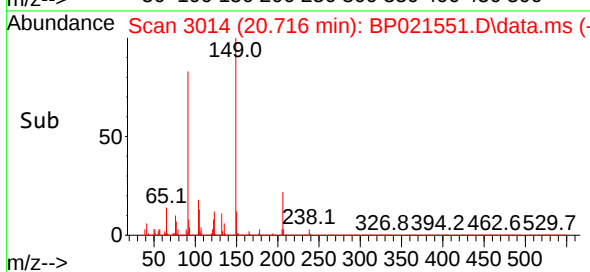
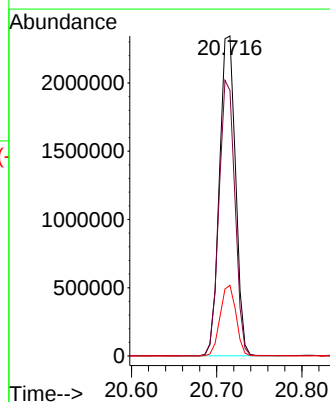
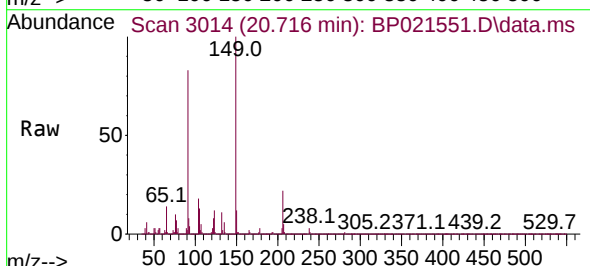
APPROVED

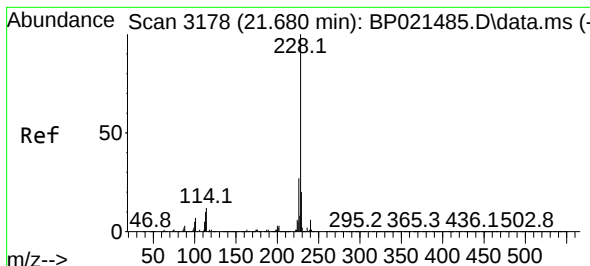
Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024



#80
 Butylbenzylphthalate
 Concen: 52.615 ng
 RT: 20.716 min Scan# 3014
 Delta R.T. 0.006 min
 Lab File: BP021551.D
 Acq: 19 Aug 2024 12:50

Tgt Ion:149 Resp: 3073691
 Ion Ratio Lower Upper
 149 100
 91 83.0 73.3 109.9
 206 22.1 17.1 25.7





#81

Benzo(a)anthracene

Concen: 47.858 ng

RT: 21.704 min Scan# 3182

Delta R.T. 0.023 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:228 Resp: 702494

Ion Ratio Lower Upper

228 100

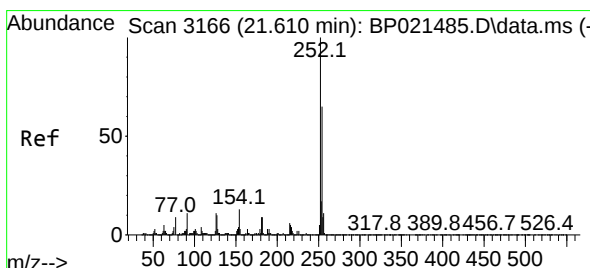
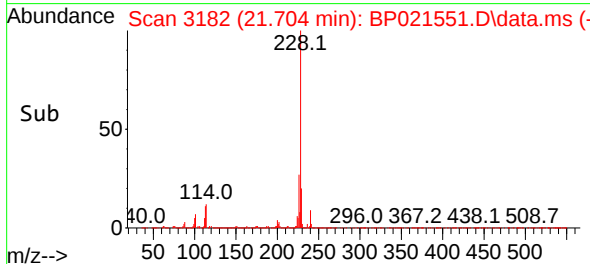
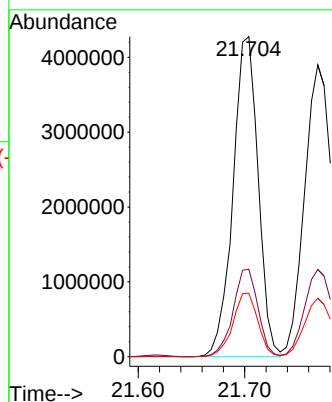
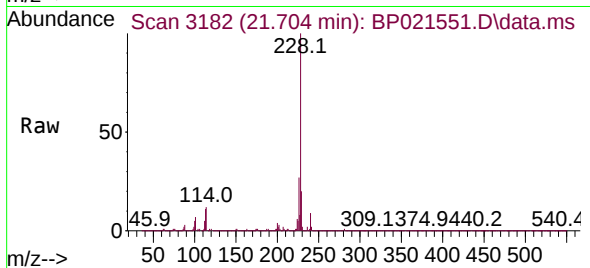
226 27.4 21.4 32.2

229 19.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#82

3,3'-Dichlorobenzidine

Concen: 43.383 ng

RT: 21.616 min Scan# 3167

Delta R.T. 0.006 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

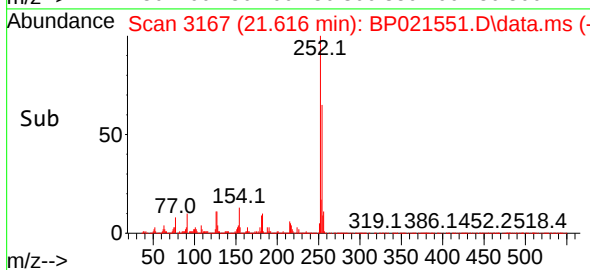
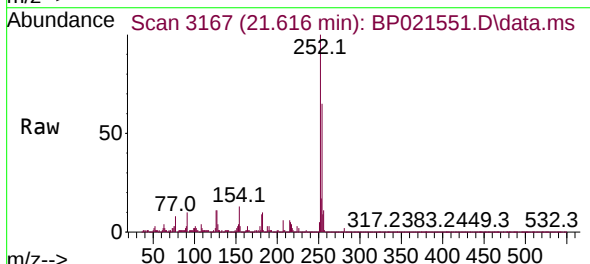
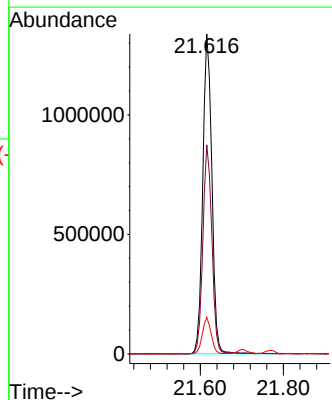
Tgt Ion:252 Resp: 2041766

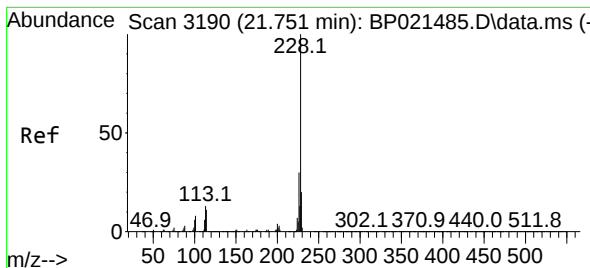
Ion Ratio Lower Upper

252 100

254 65.4 51.7 77.5

126 11.5 8.7 13.1





#83

Chrysene

Concen: 48.724 ng

RT: 21.769 min Scan# 3190

Delta R.T. 0.018 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:228 Resp: 675265

Ion Ratio Lower Upper

228 100

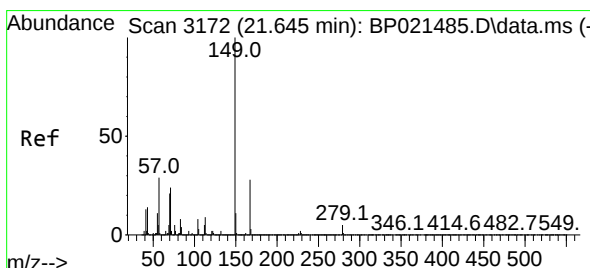
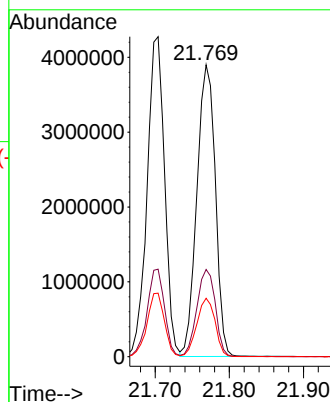
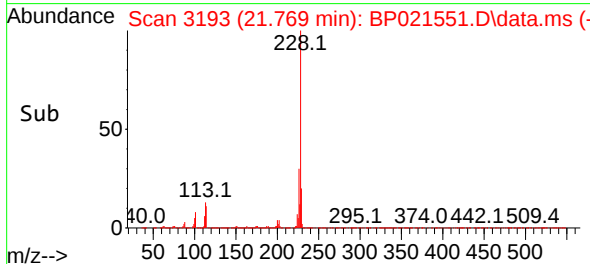
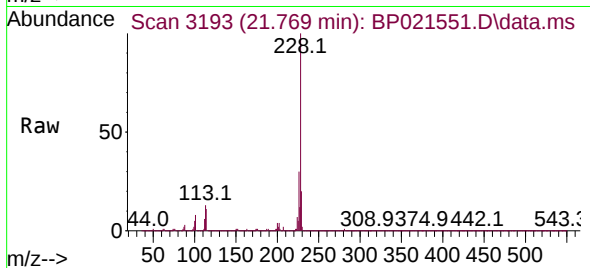
226 29.9 23.9 35.9

229 20.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.600 ng

RT: 21.651 min Scan# 3173

Delta R.T. 0.006 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

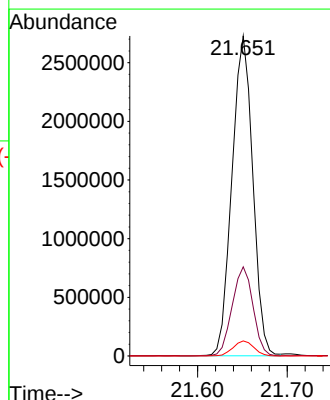
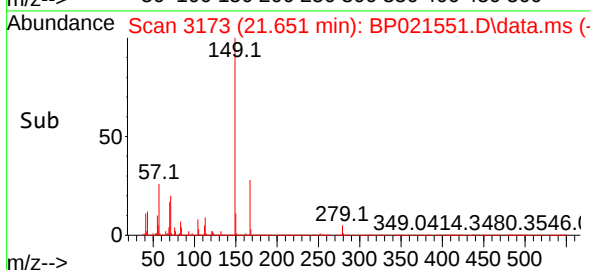
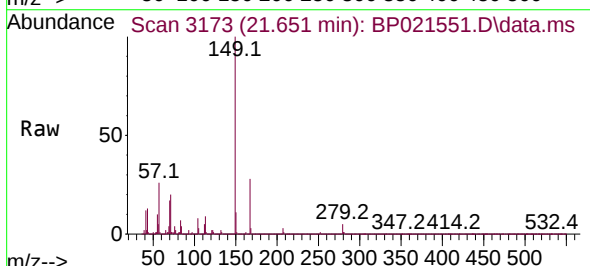
Tgt Ion:149 Resp: 4389884

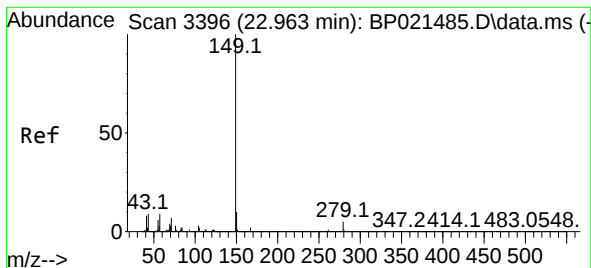
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 50.312 ng

RT: 22.980 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:149 Resp: 7707038

Ion Ratio Lower Upper

149 100

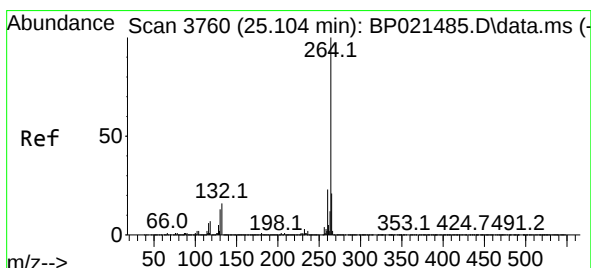
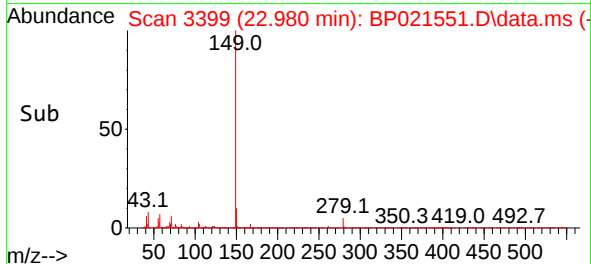
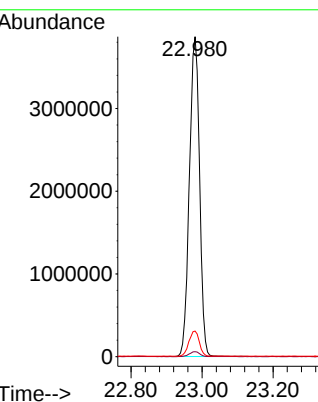
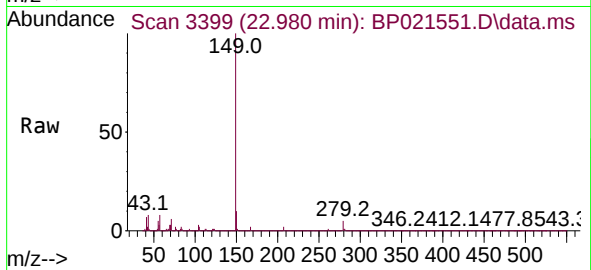
167 1.6 1.3 1.9

43 8.0 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.168 min Scan# 3771

Delta R.T. 0.065 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

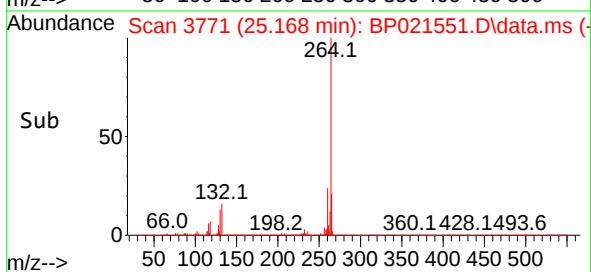
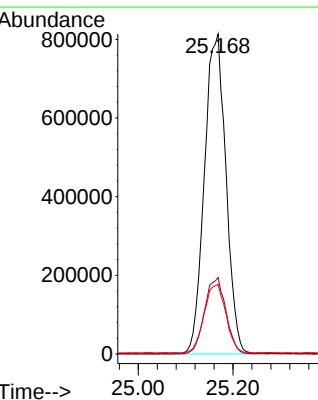
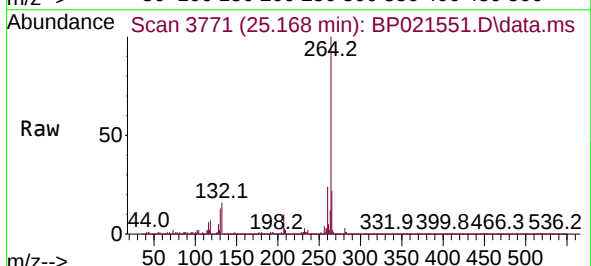
Tgt Ion:264 Resp: 2568887

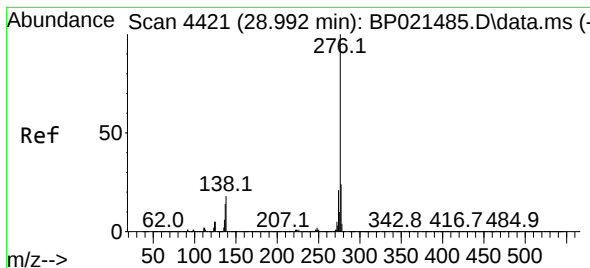
Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.441 ng m

RT: 29.092 min Scan# 4421

Delta R.T. 0.100 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:276 Resp: 9065510

Ion Ratio Lower Upper

276 100

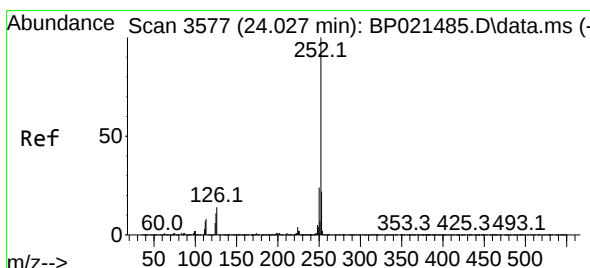
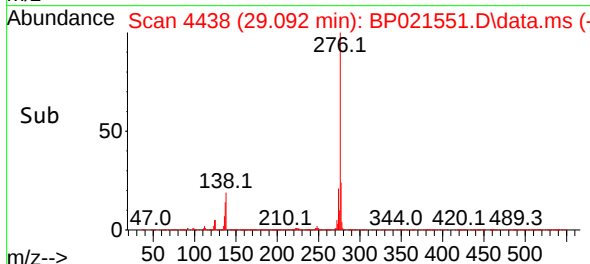
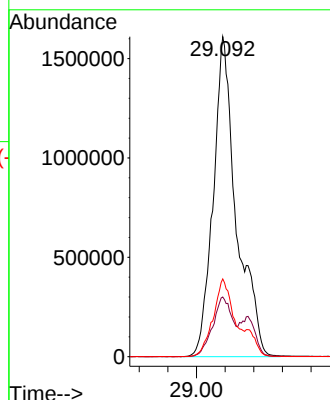
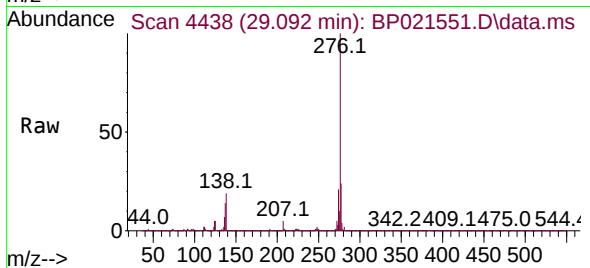
138 15.5 12.8 19.2

277 21.7 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#88

Benzo(b)fluoranthene

Concen: 50.881 ng

RT: 24.074 min Scan# 3585

Delta R.T. 0.047 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

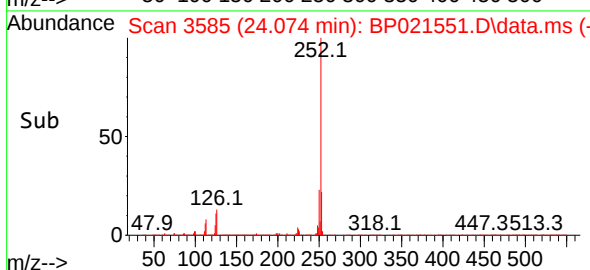
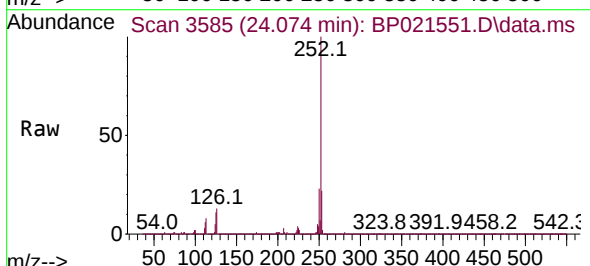
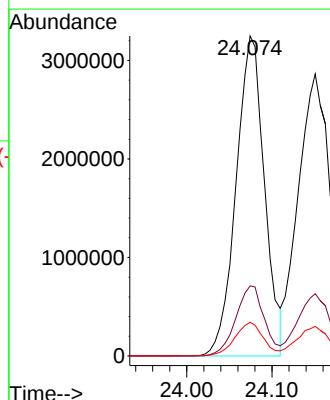
Tgt Ion:252 Resp: 7506833

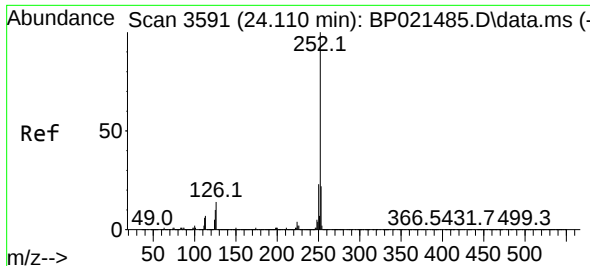
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

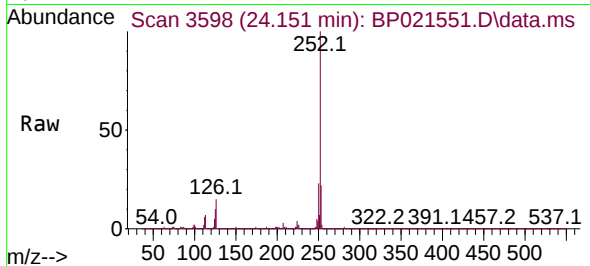
125 10.5 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 50.423 ng
RT: 24.151 min Scan# 31
Delta R.T. 0.041 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50

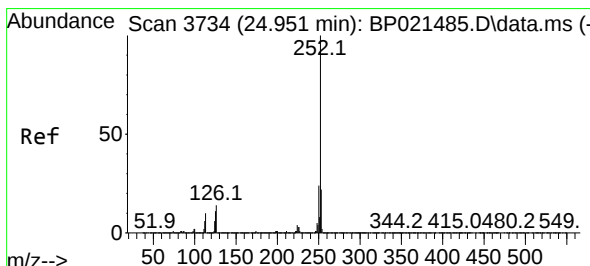
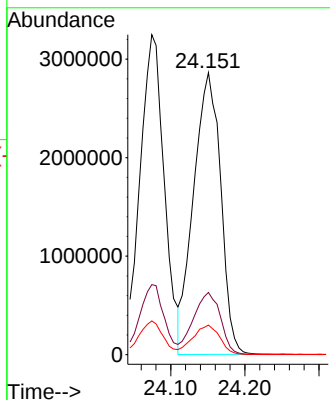
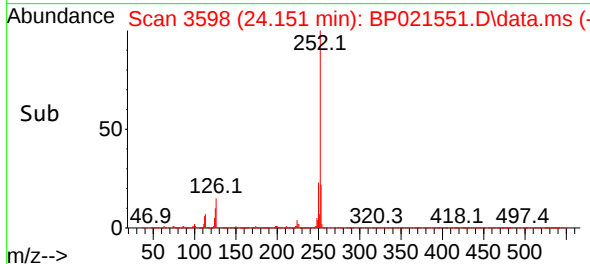
Instrument :
BNA_P
ClientSampleId :
PB162631BS



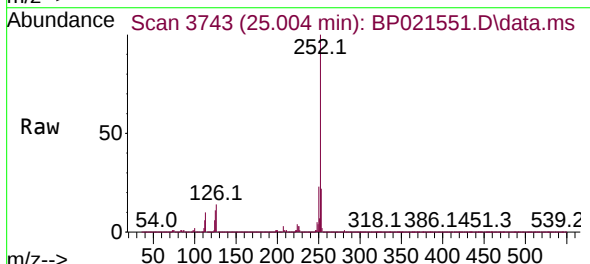
Tgt Ion:252 Resp: 7257114
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.5 7.8 11.8

Manual Integrations
APPROVED

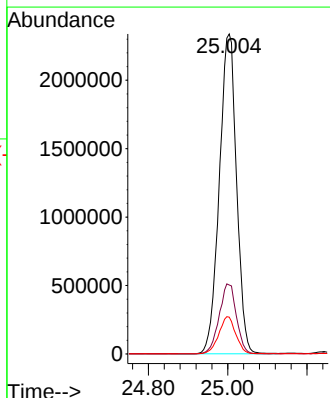
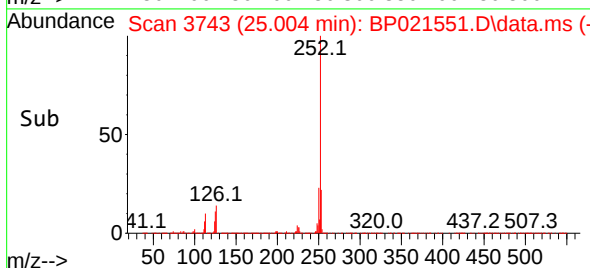
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

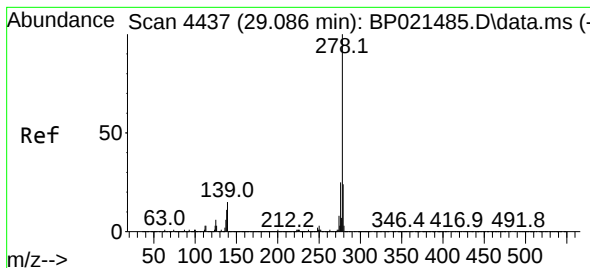


#90
Benzo(a)pyrene
Concen: 55.040 ng
RT: 25.004 min Scan# 3743
Delta R.T. 0.053 min
Lab File: BP021551.D
Acq: 19 Aug 2024 12:50



Tgt Ion:252 Resp: 7046879
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 11.5 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 53.895 ng

RT: 29.180 min Scan# 4437

Delta R.T. 0.094 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB162631BS

Tgt Ion:278 Resp: 745685

Ion Ratio Lower Upper

278 100

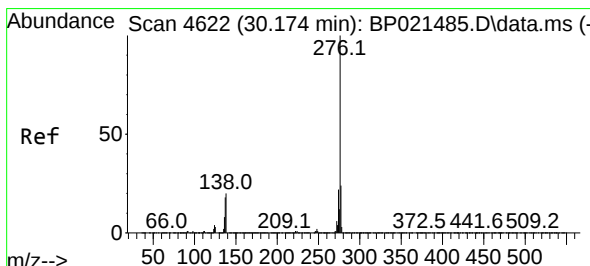
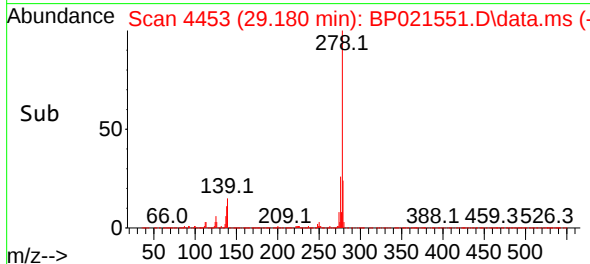
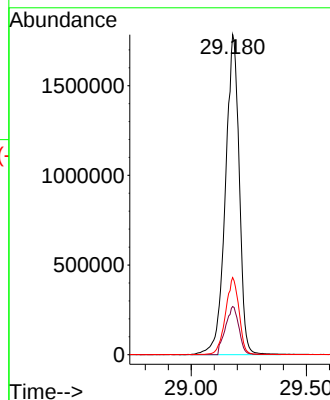
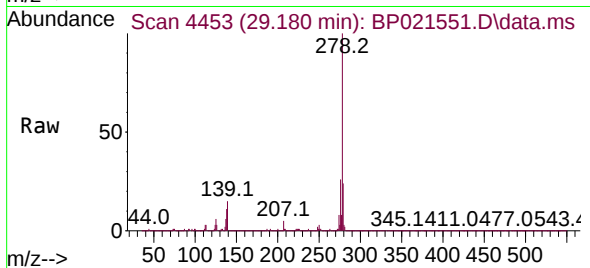
139 15.1 12.2 18.4

279 24.1 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#92

Benzo(g,h,i)perylene

Concen: 51.661 ng

RT: 30.321 min Scan# 4647

Delta R.T. 0.147 min

Lab File: BP021551.D

Acq: 19 Aug 2024 12:50

Tgt Ion:276 Resp: 7164041

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 20.5 16.0 24.0

