

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
 Data File : BP021557.D
 Acq On : 19 Aug 2024 17:27
 Operator : RC/JU
 Sample : P3518-15MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-08-080724MS

Quant Time: Aug 19 17:56:09 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	380912	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	1541185	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	961255	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2031100	20.000	ng	0.02
76) Chrysene-d12	21.733	240	1811609	20.000	ng	0.04
86) Perylene-d12	25.174	264	2263954	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2303211	89.783	ng	0.00
7) Phenol-d6	6.969	99	3265194	87.254	ng	0.00
23) Nitrobenzene-d5	8.951	82	1874617	62.782	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1001254	93.589	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2742679	43.545	ng	0.00
79) Terphenyl-d14	19.980	244	3846197	41.246	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	434918	35.756	ng	99
3) Pyridine	3.711	79	1256838	37.014	ng	97
4) n-Nitrosodimethylamine	3.616	42	467112	45.767	ng	94
6) Aniline	7.128	93	1366021	36.514	ng	98
8) 2-Chlorophenol	7.375	128	1372318	57.888	ng	94
9) Benzaldehyde	6.946	77	76739m	3.203	ng	
10) Phenol	6.999	94	2057077	53.084	ng	96
11) bis(2-Chloroethyl)ether	7.228	93	1534065	46.785	ng	95
12) 1,3-Dichlorobenzene	7.699	146	1378469	48.952	ng	97
13) 1,4-Dichlorobenzene	7.840	146	1399140	49.206	ng	98
14) 1,2-Dichlorobenzene	8.157	146	1351589	49.325	ng	99
15) Benzyl Alcohol	8.040	79	1374834	51.203	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1415725	46.884	ng	96
17) 2-Methylphenol	8.246	107	1295223	52.870	ng	98
18) Hexachloroethane	8.887	117	564558	49.512	ng	97
19) n-Nitroso-di-n-propyla...	8.610	70	1057568	40.912	ng	96
20) 3+4-Methylphenols	8.569	107	1792141	54.253	ng	98
22) Acetophenone	8.622	105	2093542	44.217	ng	# 98
24) Nitrobenzene	8.999	77	1648553	50.834	ng	93
25) Isophorone	9.522	82	3134762	44.439	ng	98
26) 2-Nitrophenol	9.704	139	662566	66.995	ng	95
27) 2,4-Dimethylphenol	9.769	122	1004025	57.674	ng	97
28) bis(2-Chloroethoxy)met...	10.004	93	1981805	46.025	ng	99
29) 2,4-Dichlorophenol	10.246	162	1230677	59.832	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	1293380	49.047	ng	97
31) Naphthalene	10.651	128	3983226	49.474	ng	99
32) Benzoic acid	9.910	122	918272	68.457	ng	93
33) 4-Chloroaniline	10.745	127	907525	30.008	ng	97
34) Hexachlorobutadiene	10.945	225	782589	47.133	ng	99
35) Caprolactam	11.528	113	440859	51.494	ng	89
36) 4-Chloro-3-methylphenol	11.881	107	1570959	55.059	ng	95
37) 2-Methylnaphthalene	12.263	142	2701593	49.165	ng	99
38) 1-Methylnaphthalene	12.487	142	2496065	46.058	ng	99
40) 1,2,4,5-Tetrachloroben...	12.634	216	1344490	47.736	ng	100
41) Hexachlorocyclopentadiene	12.616	237	916803	102.705	ng	99
43) 2,4,6-Trichlorophenol	12.875	196	992659	63.448	ng	99

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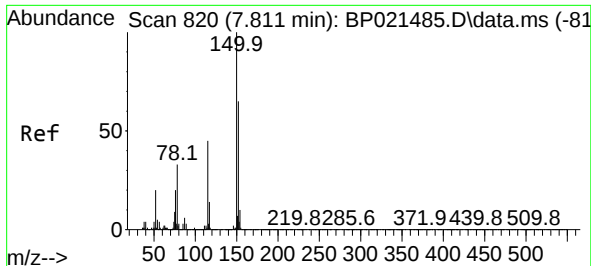
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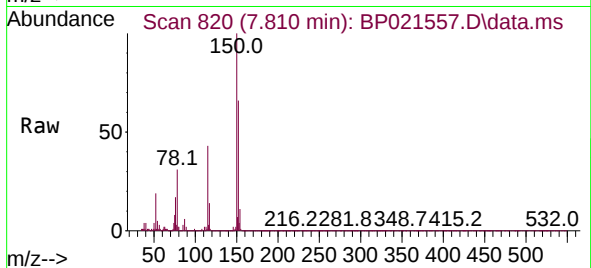
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	1054676	60.675	ng	97
46) 1,1'-Biphenyl	13.281	154	3189103	46.892	ng	98
47) 2-Chloronaphthalene	13.322	162	2705079	51.089	ng	99
48) 2-Nitroaniline	13.522	65	914127	60.141	ng	# 85
49) Acenaphthylene	14.181	152	4396407	56.483	ng	100
50) Dimethylphthalate	13.916	163	3260887	50.655	ng	99
51) 2,6-Dinitrotoluene	14.022	165	722017	54.963	ng	89
52) Acenaphthene	14.528	154	2833052m	55.473	ng	
53) 3-Nitroaniline	14.351	138	619732	48.495	ng	# 92
54) 2,4-Dinitrophenol	14.575	184	551205	104.575	ng	# 87
55) Dibenzofuran	14.863	168	4077221	51.897	ng	99
56) 4-Nitrophenol	14.675	139	1328685	121.628	ng	# 85
57) 2,4-Dinitrotoluene	14.822	165	1007873	59.654	ng	87
58) Fluorene	15.533	166	3190712	49.436	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	937306	63.529	ng	98
60) Diethylphthalate	15.310	149	3277644	49.623	ng	99
61) 4-Chlorophenyl-phenyle...	15.522	204	1596782	47.862	ng	99
62) 4-Nitroaniline	15.533	138	752008	56.733	ng	92
63) Azobenzene	15.822	77	3729636	45.936	ng	96
65) 4,6-Dinitro-2-methylph...	15.604	198	405879	60.592	ng	95
66) n-Nitrosodiphenylamine	15.739	169	2765656	50.811	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	1064529	49.522	ng	99
68) Hexachlorobenzene	16.557	284	1250154	49.212	ng	99
69) Atrazine	16.722	200	934501	50.006	ng	99
70) Pentachlorophenol	16.910	266	1625051	117.203	ng	99
71) Phenanthrene	17.316	178	5247047	53.717	ng	100
72) Anthracene	17.404	178	5198022	54.261	ng	100
73) Carbazole	17.680	167	4850396	52.538	ng	99
74) Di-n-butylphthalate	18.286	149	5839100	51.499	ng	100
75) Fluoranthene	19.398	202	6237397	52.043	ng	99
77) Benzidine	19.580	184	2104115	51.236	ng	100
78) Pyrene	19.769	202	6564849	55.442	ng	100
80) Butylbenzylphthalate	20.721	149	2580677	56.717	ng	90
81) Benzo(a)anthracene	21.710	228	6299057	55.388	ng	99
82) 3,3'-Dichlorobenzidine	21.621	252	1950144	53.482	ng	100
83) Chrysene	21.780	228	5853165	54.512	ng	100
84) Bis(2-ethylhexyl)phtha...	21.657	149	3782673	56.276	ng	98
85) Di-n-octyl phthalate	22.980	149	6677421	55.691	ng	97
87) Indeno(1,2,3-cd)pyrene	29.074	276	8189179m	55.803	ng	
88) Benzo(b)fluoranthene	24.080	252	6715641	51.649	ng	100
89) Benzo(k)fluoranthene	24.157	252	6508573	51.314	ng	100
90) Benzo(a)pyrene	25.009	252	6308879	55.912	ng	99
91) Dibenzo(a,h)anthracene	29.186	278	6529749	53.551	ng	99
92) Benzo(g,h,i)perylene	30.292	276	6370452	52.126	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: BP021557.D
Acq: 19 Aug 2024 17:27

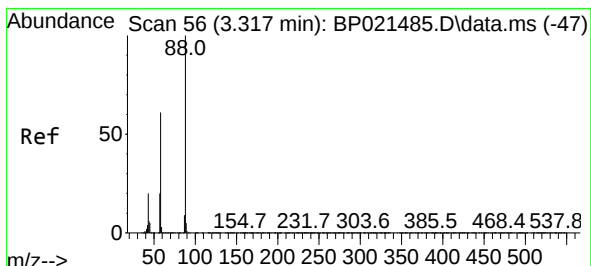
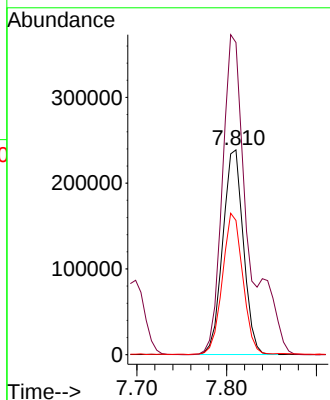
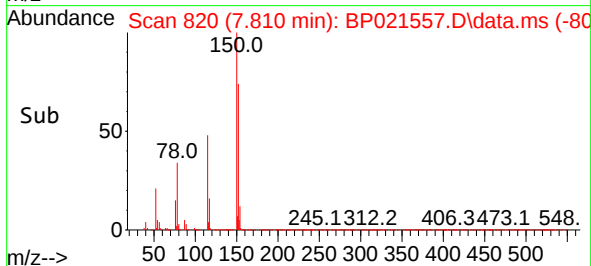
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



Tgt Ion:152 Resp: 380912
Ion Ratio Lower Upper
152 100
150 152.4 122.4 183.6
115 65.5 54.7 82.1

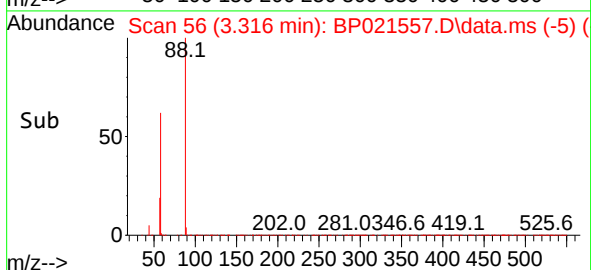
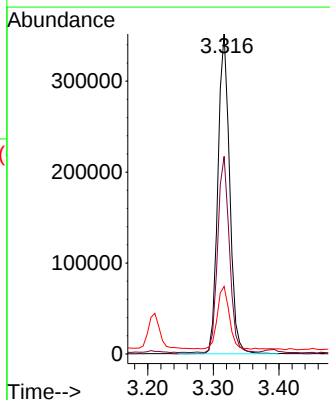
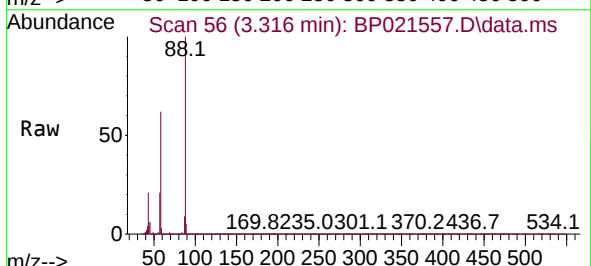
Manual Integrations
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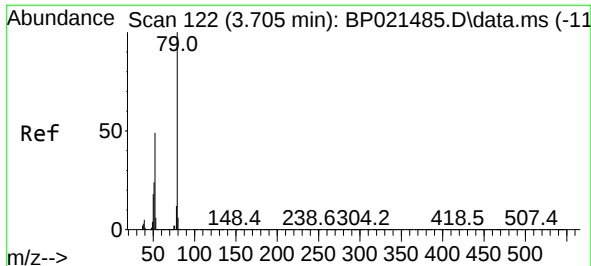
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#2
1,4-Dioxane
Concen: 35.756 ng
RT: 3.316 min Scan# 56
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Tgt Ion: 88 Resp: 434918
Ion Ratio Lower Upper
88 100
58 61.2 48.7 73.1
43 20.0 15.4 23.2





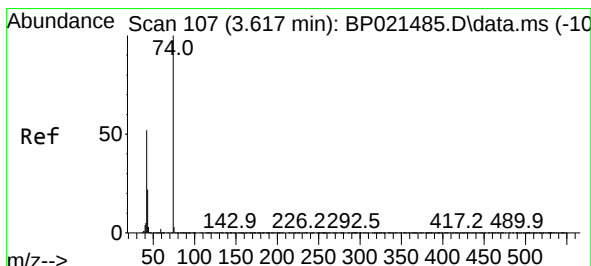
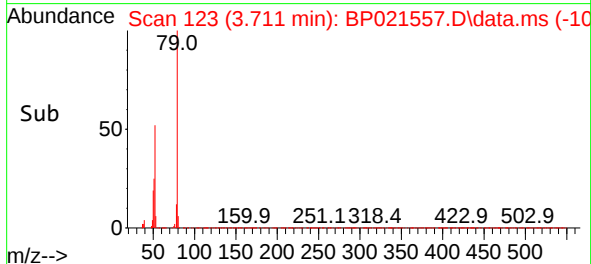
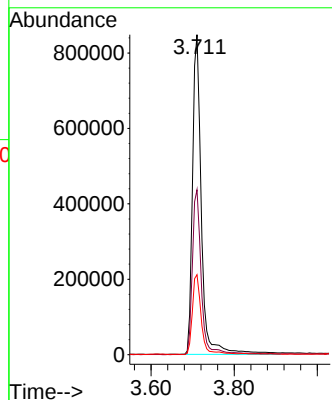
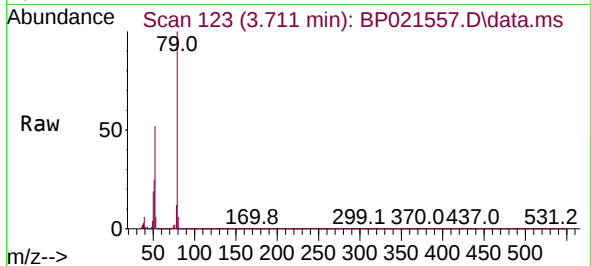
#3
Pyridine
Concen: 37.014 ng
RT: 3.711 min Scan# 122
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

Tgt Ion: 79 Resp: 1256838
Ion Ratio Lower Upper
79 100
52 51.5 39.0 58.6
51 25.0 19.2 28.8

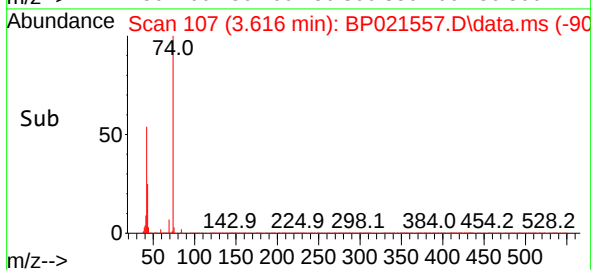
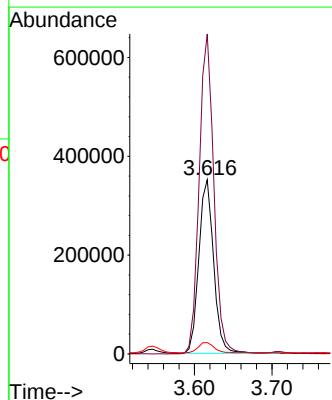
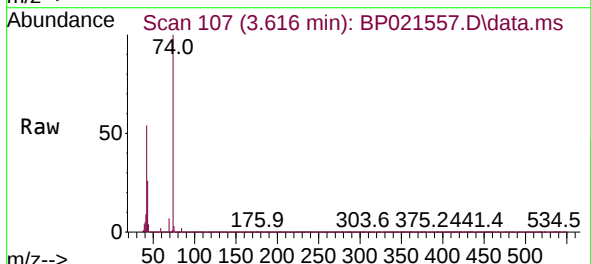
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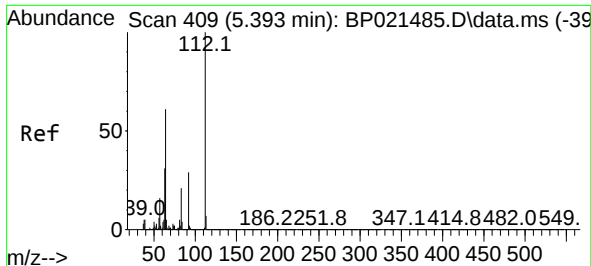
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#4
n-Nitrosodimethylamine
Concen: 45.767 ng
RT: 3.616 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Tgt Ion: 42 Resp: 467112
Ion Ratio Lower Upper
42 100
74 183.6 154.3 231.5
44 6.6 6.2 9.4





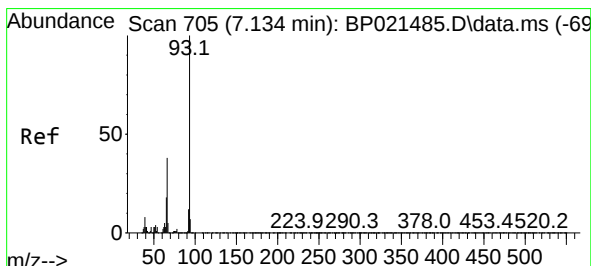
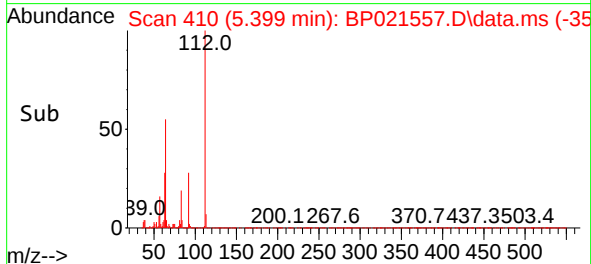
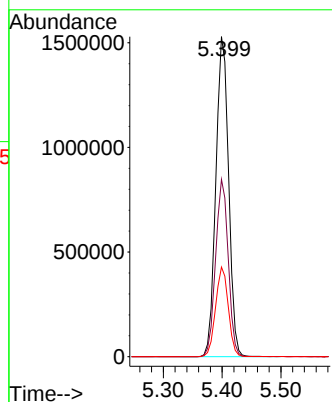
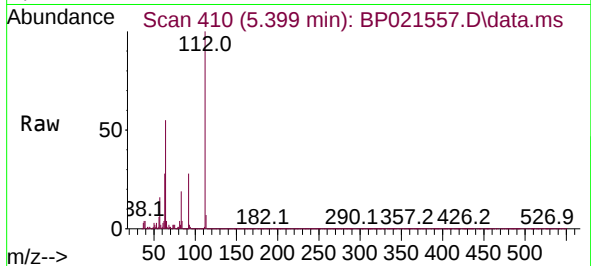
#5
2-Fluorophenol
Concen: 89.783 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

Tgt Ion:112 Resp: 230321
Ion Ratio Lower Upper
112 100
64 55.4 49.0 73.6
63 28.0 24.6 36.8

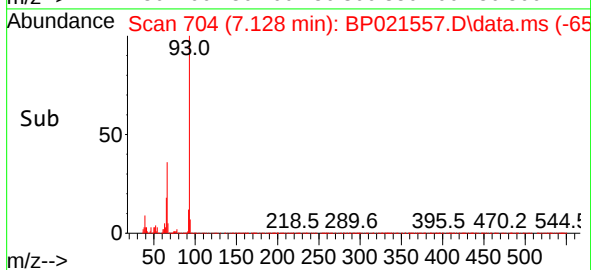
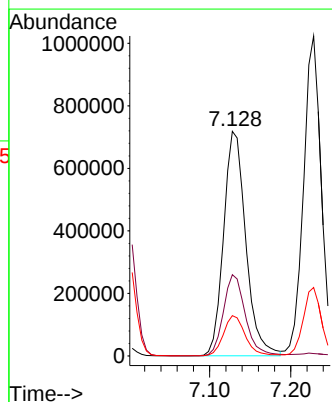
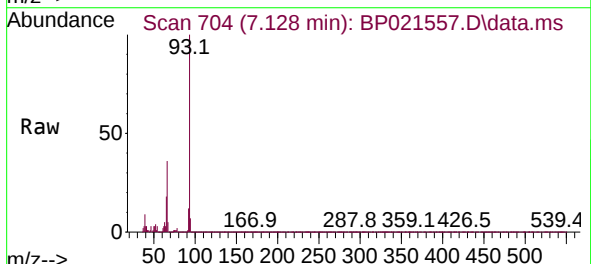
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Supervised By :mohammad ahmed 08/21/2024



#6
Aniline
Concen: 36.514 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Tgt Ion: 93 Resp: 1366021
Ion Ratio Lower Upper
93 100
66 36.2 30.2 45.2
65 18.0 14.7 22.1





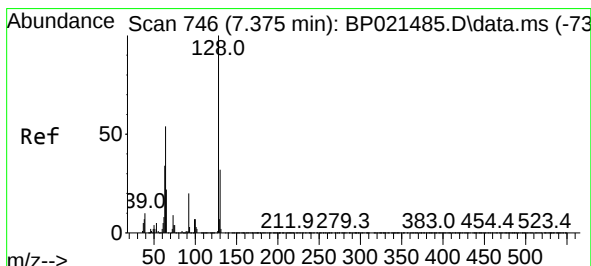
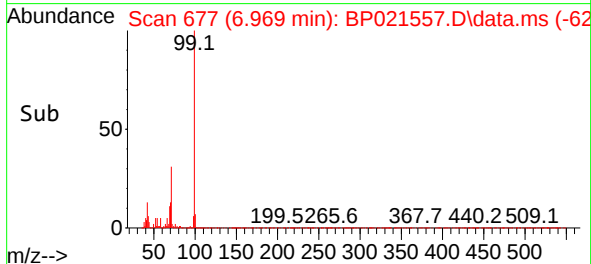
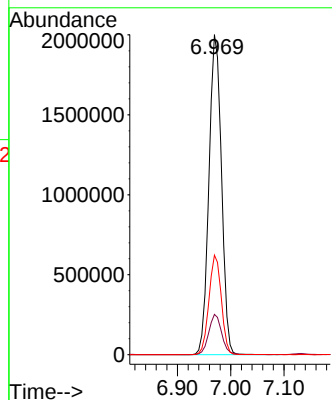
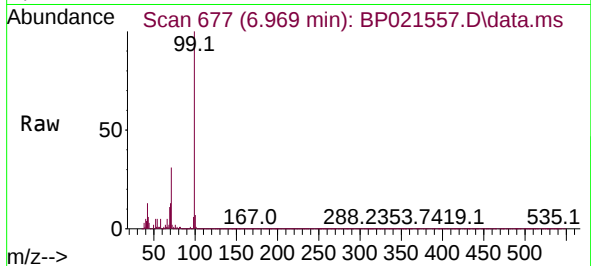
#7
Phenol-d6
Concen: 87.254 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

Tgt Ion: 99 Resp: 3265194
Ion Ratio Lower Upper
99 100
42 12.6 10.2 15.4
71 31.1 25.8 38.8

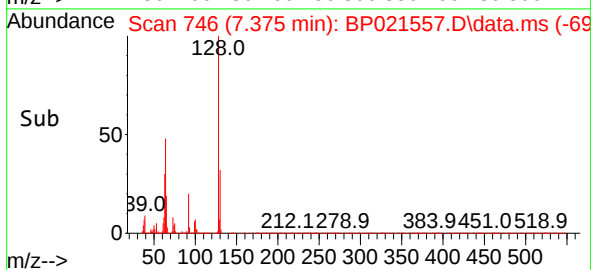
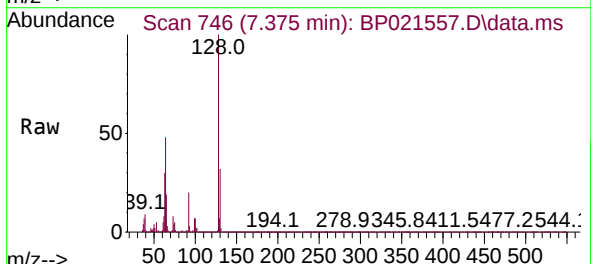
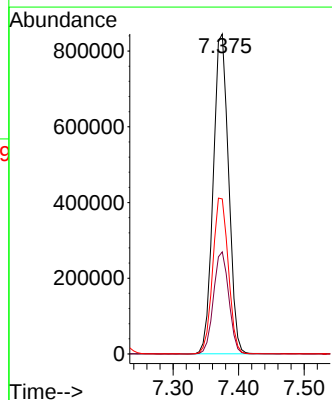
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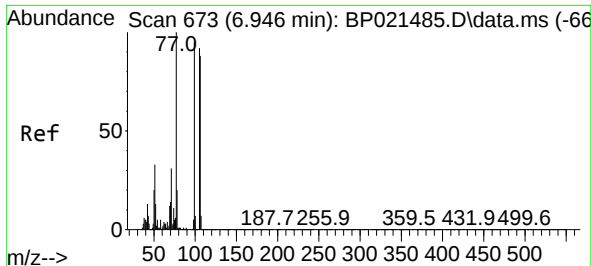
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#8
2-Chlorophenol
Concen: 57.888 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Tgt Ion:128 Resp: 1372318
Ion Ratio Lower Upper
128 100
130 31.9 11.6 51.6
64 48.5 35.3 75.3





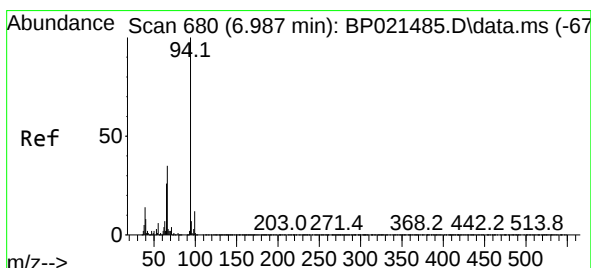
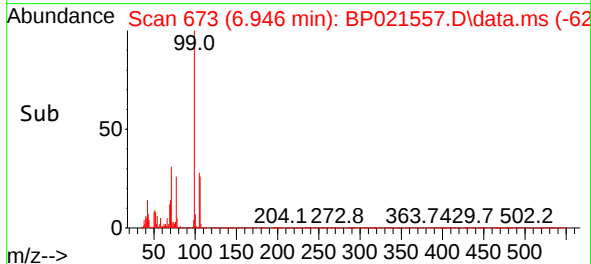
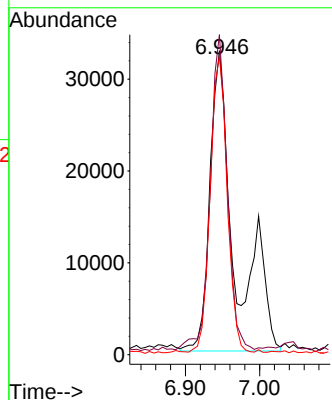
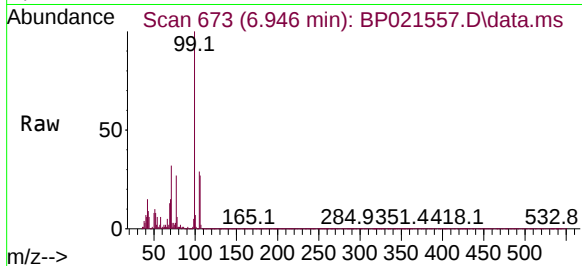
#9
Benzaldehyde
Concen: 3.203 ng m
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

Tgt Ion: 77 Resp: 76739
Ion Ratio Lower Upper
77 100
105 105.2 72.1 112.1
106 98.3 67.9 107.9

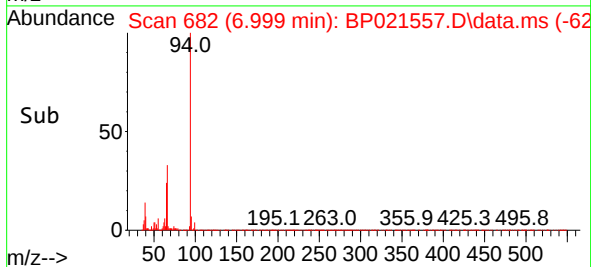
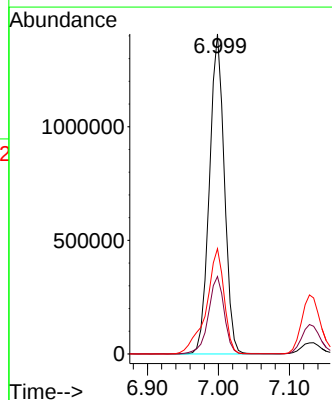
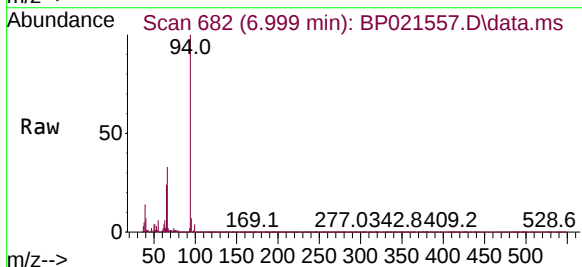
Manual Integrations
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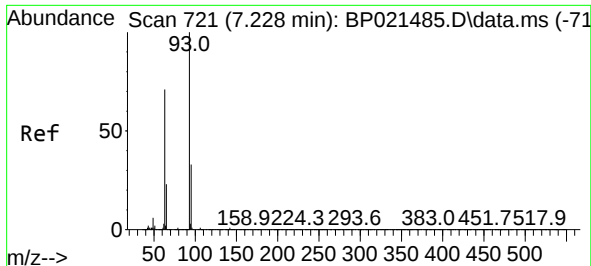
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#10
Phenol
Concen: 53.084 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

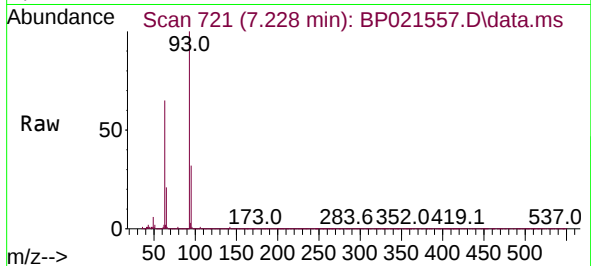
Tgt Ion: 94 Resp: 2057077
Ion Ratio Lower Upper
94 100
65 24.2 6.5 46.5
66 32.9 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 46.785 ng
RT: 7.228 min Scan# 721
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

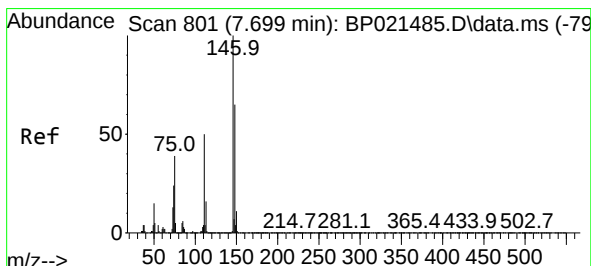
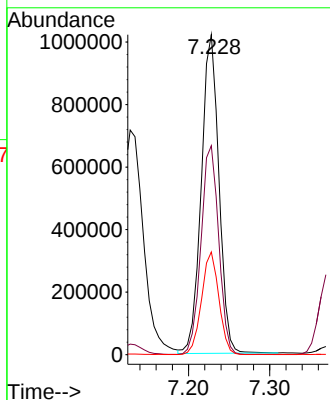
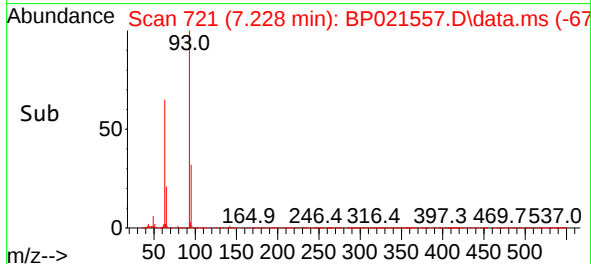
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



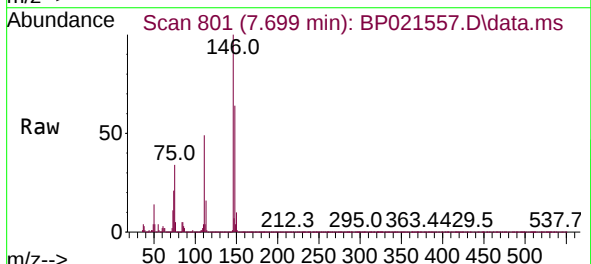
Tgt Ion: 93 Resp: 153406
Ion Ratio Lower Upper
93 100
63 65.3 51.0 91.0
95 32.1 12.9 52.9

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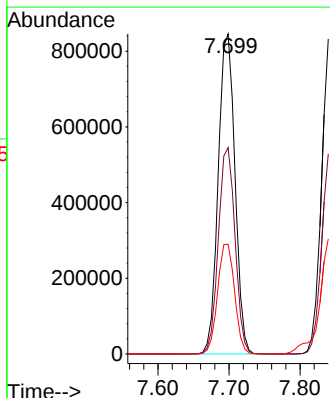
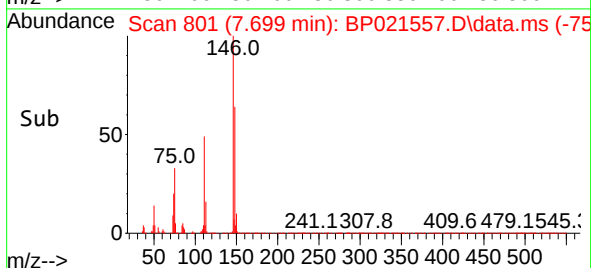
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#12
1,3-Dichlorobenzene
Concen: 48.952 ng
RT: 7.699 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27



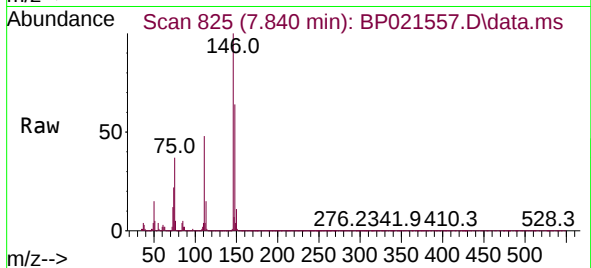
Tgt Ion:146 Resp: 1378469
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
75 34.3 31.3 46.9





#13
1,4-Dichlorobenzene
Concen: 49.206 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

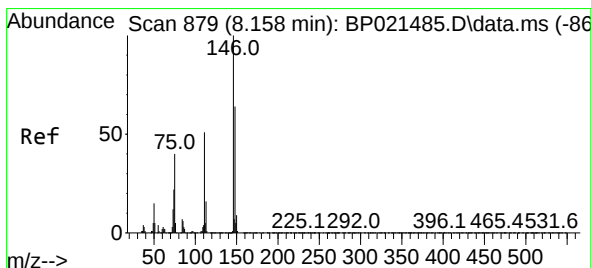
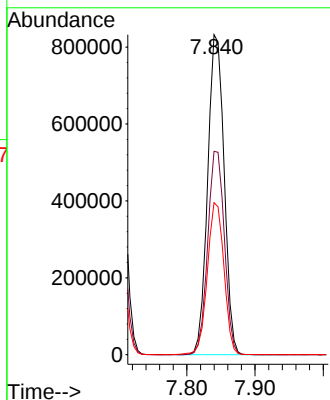
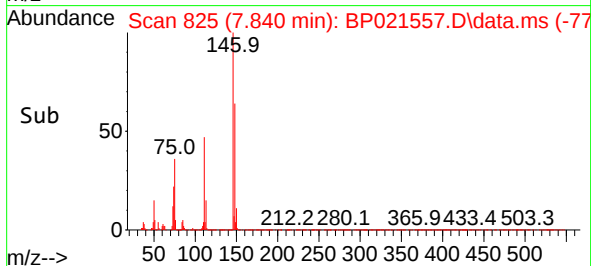
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



Tgt Ion:146 Resp: 1399140
Ion Ratio Lower Upper
146 100
148 63.5 51.5 77.3
111 47.5 40.3 60.5

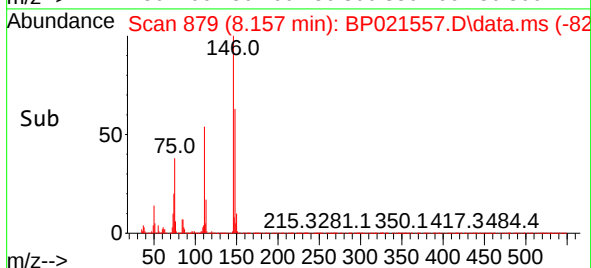
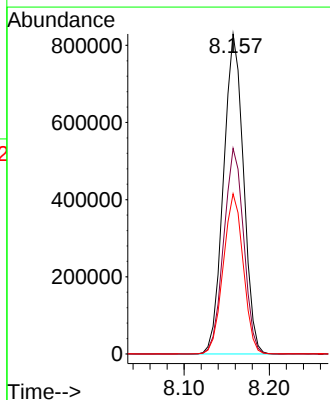
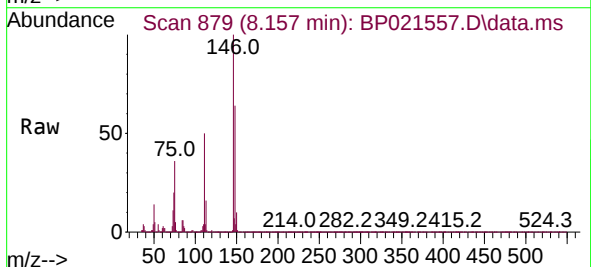
Manual Integrations
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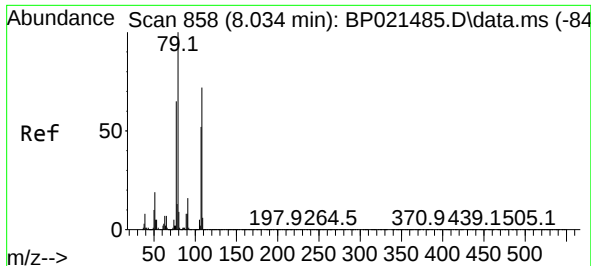
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#14
1,2-Dichlorobenzene
Concen: 49.325 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

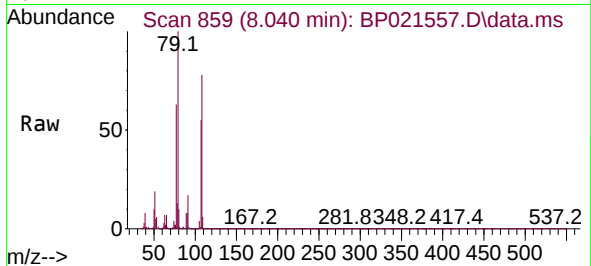
Tgt Ion:146 Resp: 1351589
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 50.1 41.1 61.7





#15
Benzyl Alcohol
Concen: 51.203 ng
RT: 8.040 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

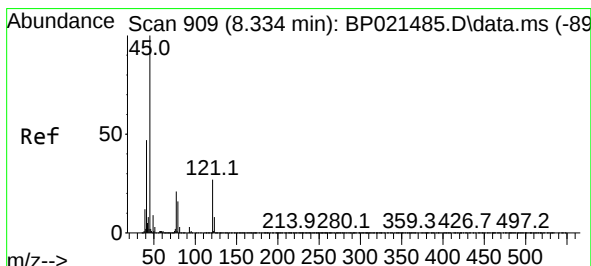
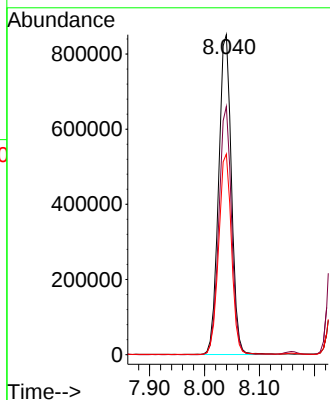
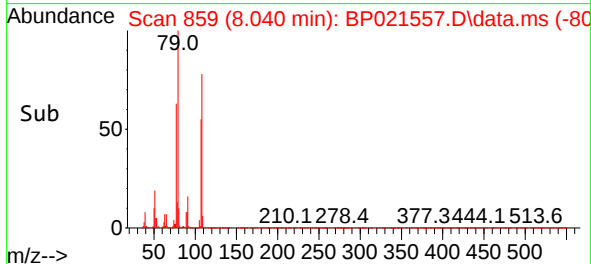
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



Tgt Ion: 79 Resp: 1374834
Ion Ratio Lower Upper
79 100
108 77.5 57.9 86.9
77 62.7 51.8 77.8

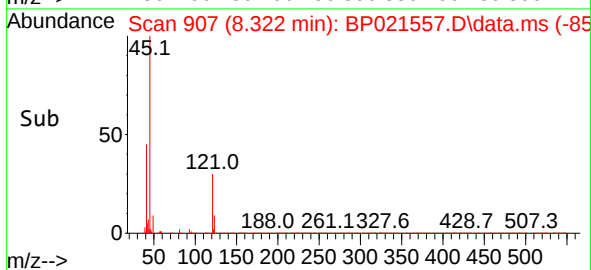
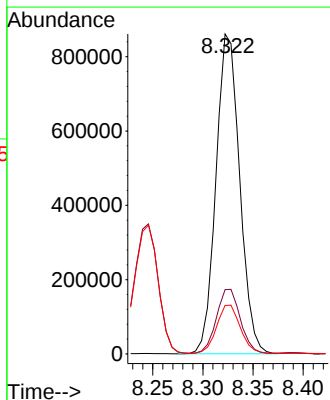
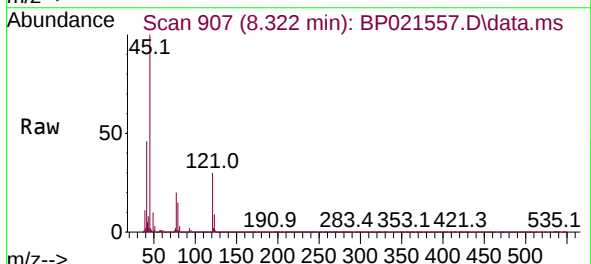
Manual Integrations
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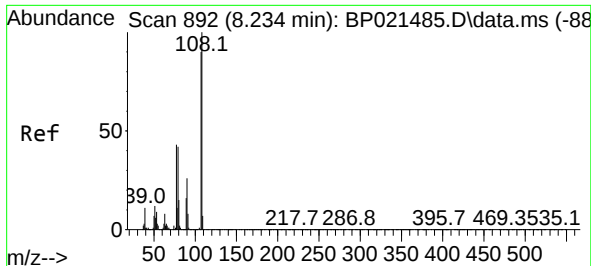
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.884 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

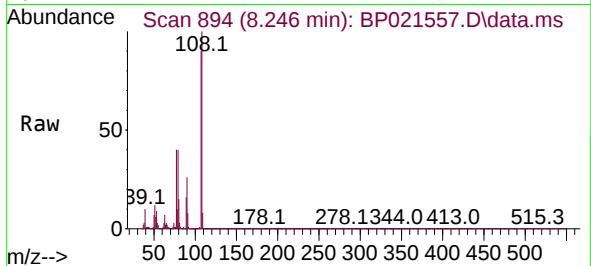
Tgt Ion: 45 Resp: 1415725
Ion Ratio Lower Upper
45 100
77 20.1 1.9 41.9
79 15.2 0.0 36.6





#17
2-Methylphenol
Concen: 52.870 ng
RT: 8.246 min Scan# 894
Delta R.T. 0.012 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

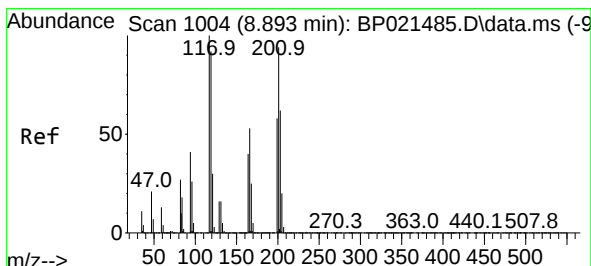
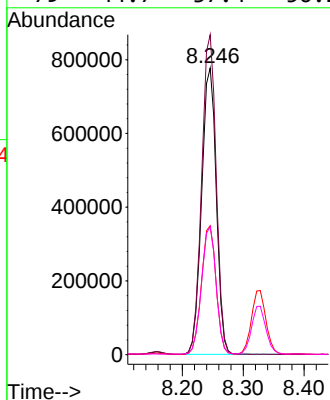
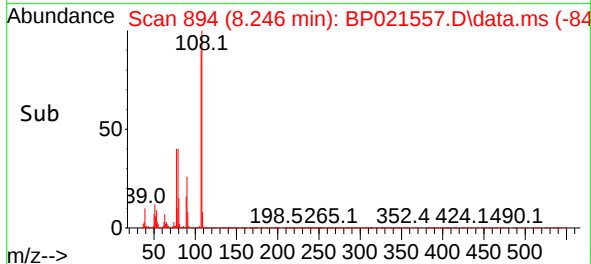
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



Tgt Ion:107 Resp: 129522
Ion Ratio Lower Upper
107 100
108 111.6 88.8 133.2
77 45.0 38.7 58.1
79 44.7 37.4 56.2

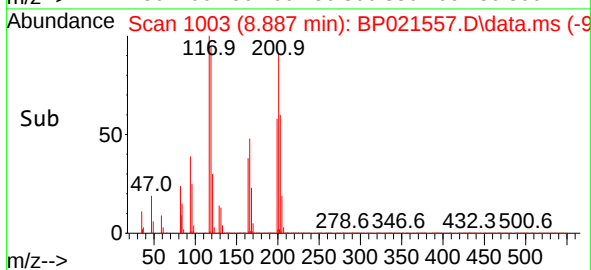
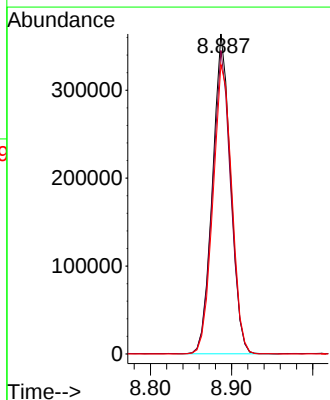
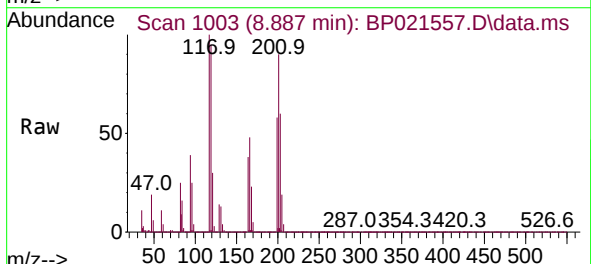
Manual Integrations
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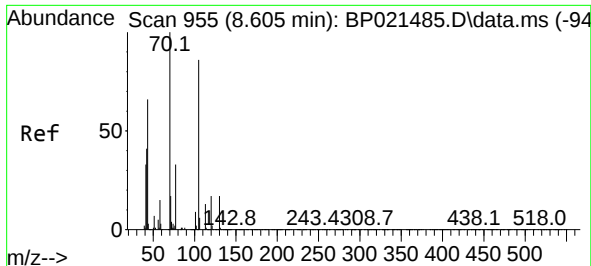
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#18
Hexachloroethane
Concen: 49.512 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

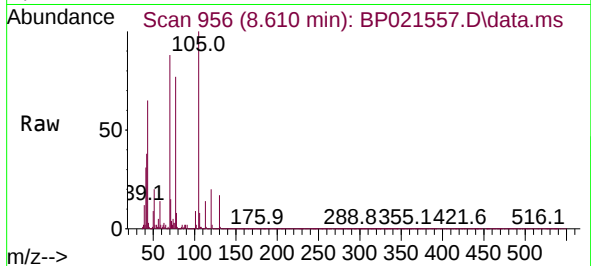
Tgt Ion:117 Resp: 564558
Ion Ratio Lower Upper
117 100
119 94.8 73.9 110.9
201 90.5 74.9 112.3





#19
n-Nitroso-di-n-propylamine
Concen: 40.912 ng
RT: 8.610 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

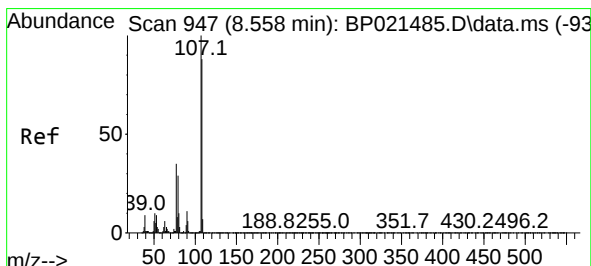
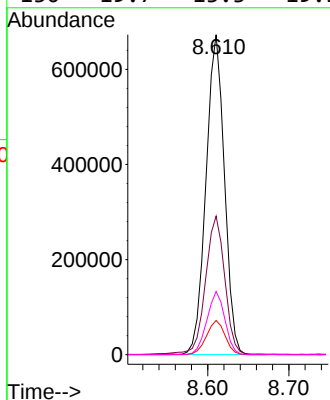
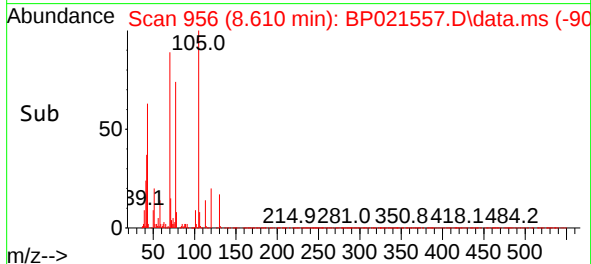
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



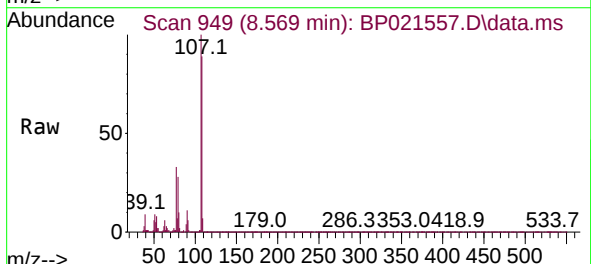
Tgt Ion: 70 Resp: 105756
Ion Ratio Lower Upper
70 100
42 43.3 33.1 49.7
101 10.7 7.4 11.2
130 19.7 13.3 19.9

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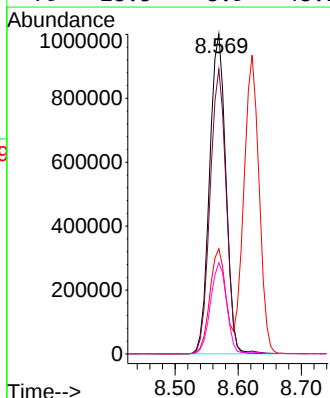
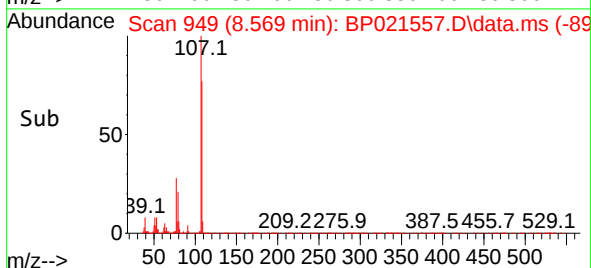
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

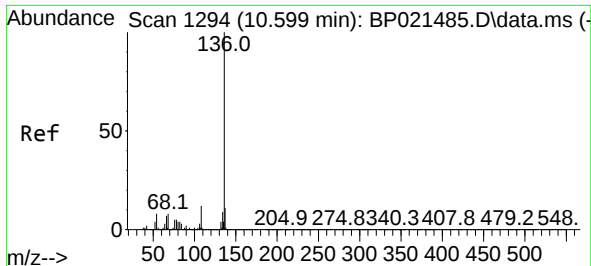


#20
3+4-Methylphenols
Concen: 54.253 ng
RT: 8.569 min Scan# 949
Delta R.T. 0.012 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27



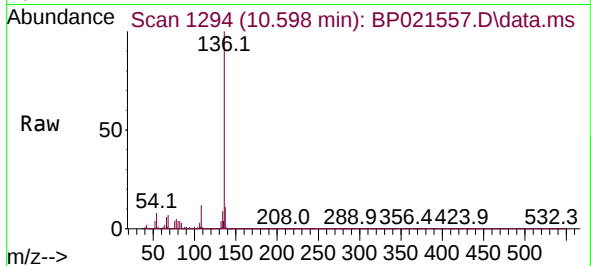
Tgt Ion:107 Resp: 1792141
Ion Ratio Lower Upper
107 100
108 89.0 67.6 107.6
77 32.9 15.0 55.0
79 28.5 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1294
Delta R.T. -0.001 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

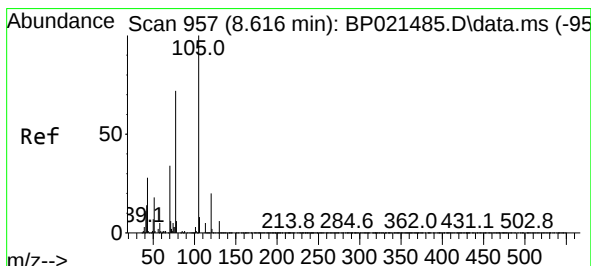
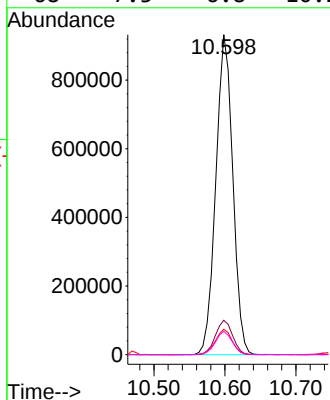
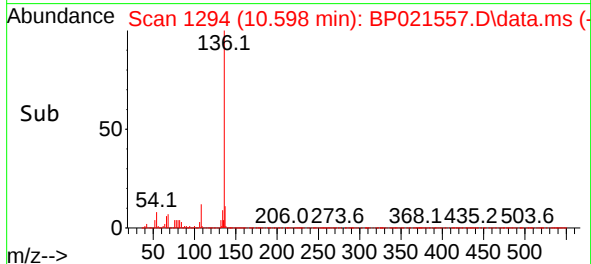
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



Tgt Ion:136 Resp: 1541185
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.0 6.3 9.5
68 7.3 6.8 10.2

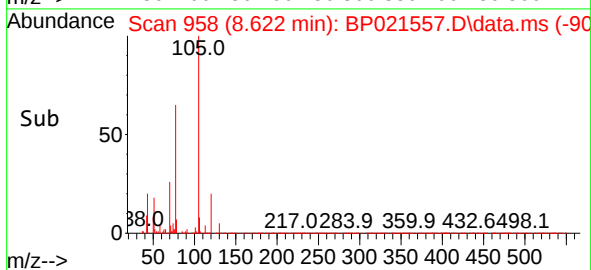
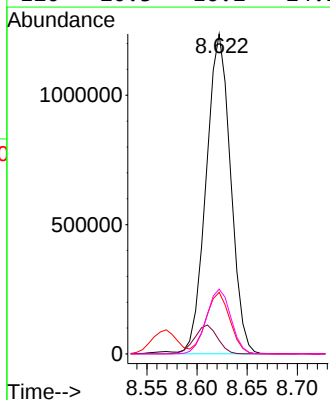
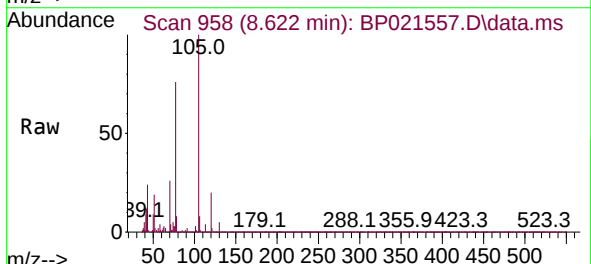
Manual Integrations
APPROVED

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



#22
Acetophenone
Concen: 44.217 ng
RT: 8.622 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Tgt Ion:105 Resp: 2093542
Ion Ratio Lower Upper
105 100
71 4.2 4.6 7.0#
51 19.3 16.3 24.5
120 20.3 16.2 24.2





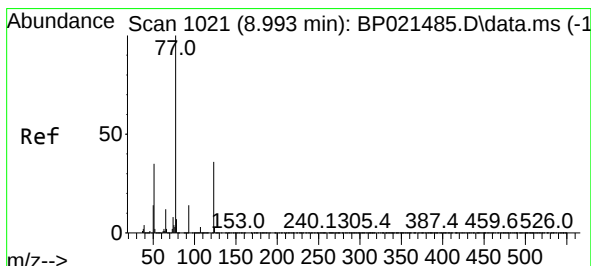
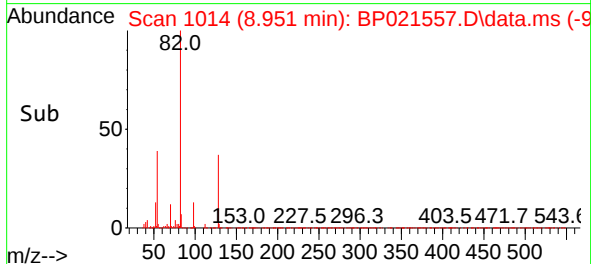
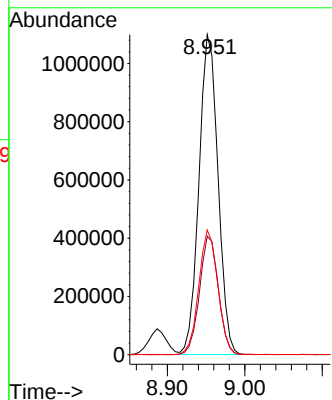
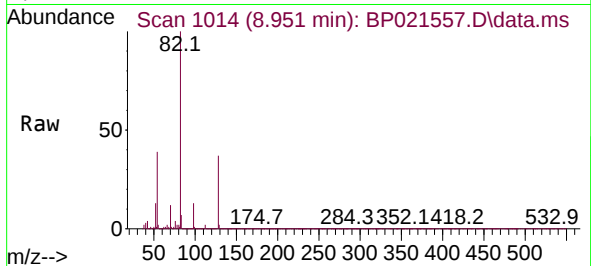
#23
Nitrobenzene-d5
Concen: 62.782 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

Tgt Ion: 82 Resp: 187461
Ion Ratio Lower Upper
82 100
128 37.1 26.5 39.7
54 38.9 30.3 45.5

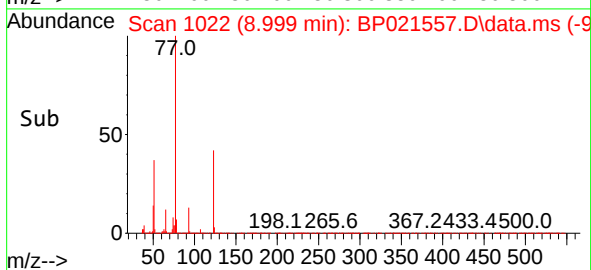
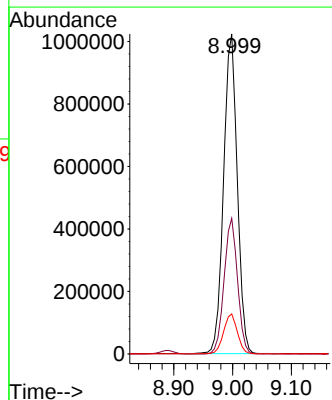
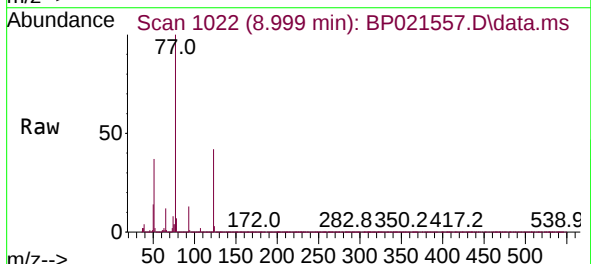
Manual Integrations
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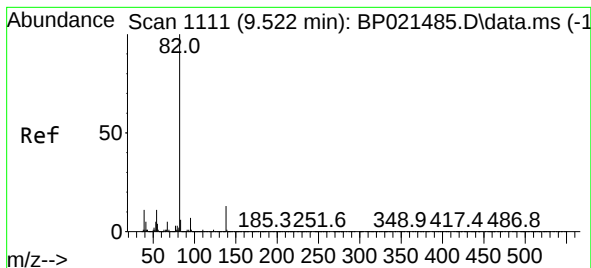
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#24
Nitrobenzene
Concen: 50.834 ng
RT: 8.999 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Tgt Ion: 77 Resp: 1648553
Ion Ratio Lower Upper
77 100
123 42.4 29.5 44.3
65 12.5 9.9 14.9





#25

Isophorone

Concen: 44.439 ng

RT: 9.522 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

Tgt Ion: 82 Resp: 313476

Ion Ratio Lower Upper

82 100

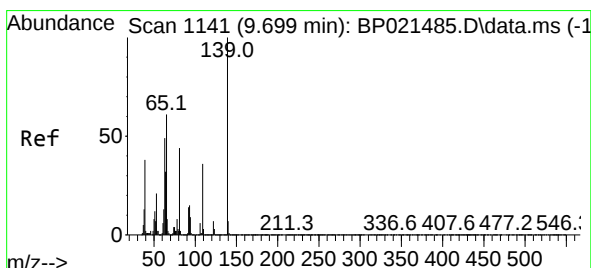
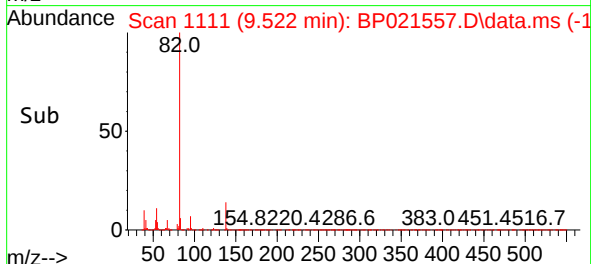
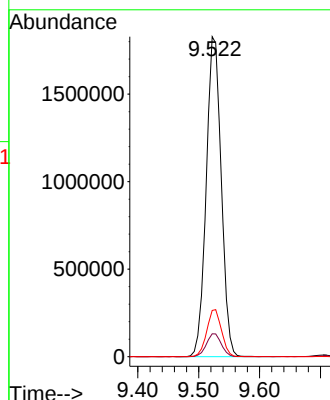
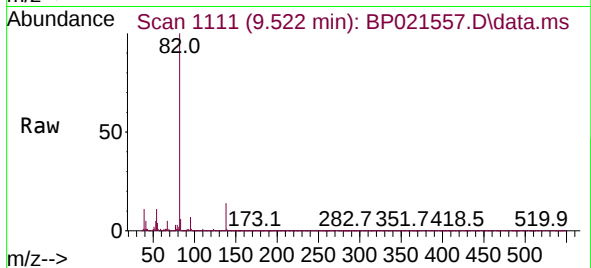
95 7.2 5.4 8.2

138 14.4 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: 66.995 ng

RT: 9.704 min Scan# 1142

Delta R.T. 0.005 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

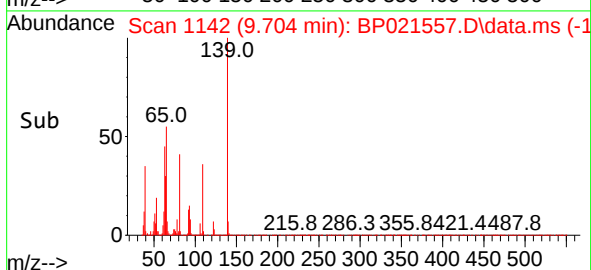
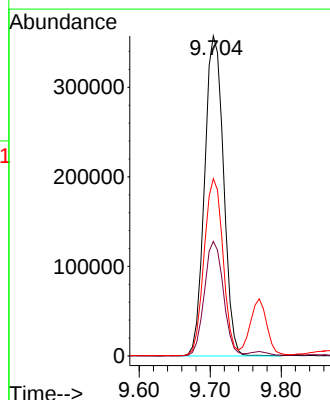
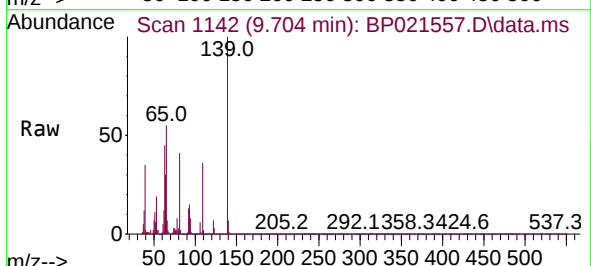
Tgt Ion:139 Resp: 662566

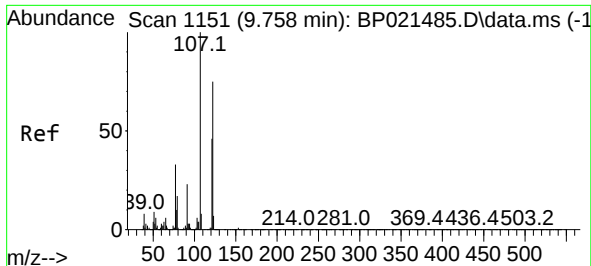
Ion Ratio Lower Upper

139 100

109 35.8 28.9 43.3

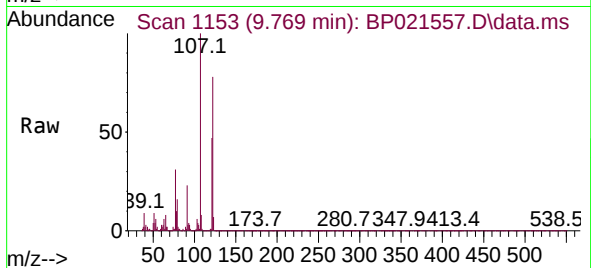
65 55.4 49.0 73.6





#27
2,4-Dimethylphenol
Concen: 57.674 ng
RT: 9.769 min Scan# 1151
Delta R.T. 0.012 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

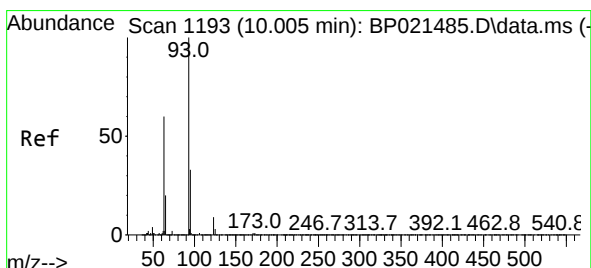
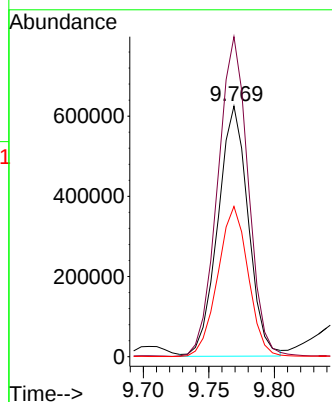
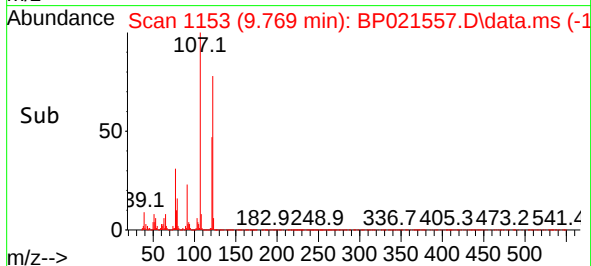
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



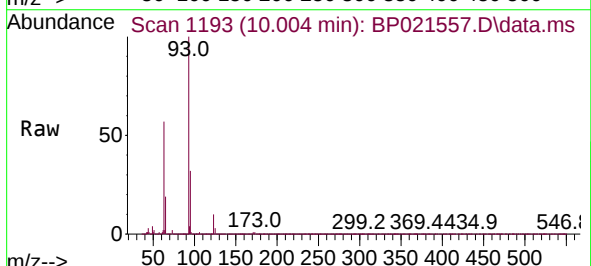
Tgt Ion:122 Resp: 1004025
Ion Ratio Lower Upper
122 100
107 127.7 106.2 159.4
121 59.9 48.8 73.2

Manual Integrations
APPROVED

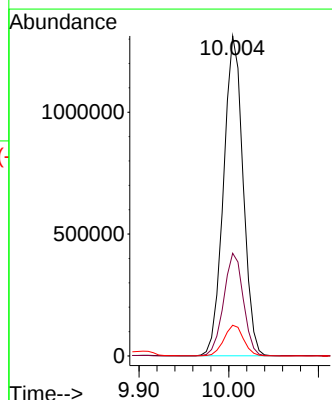
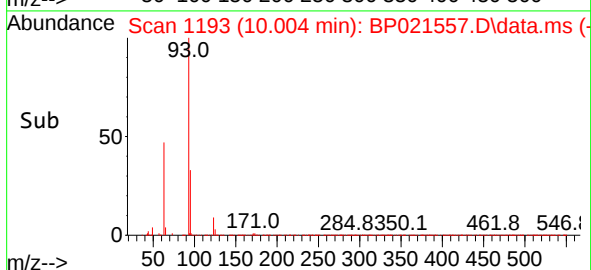
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

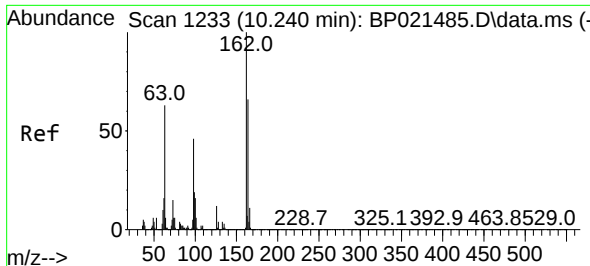


#28
bis(2-Chloroethoxy)methane
Concen: 46.025 ng
RT: 10.004 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27



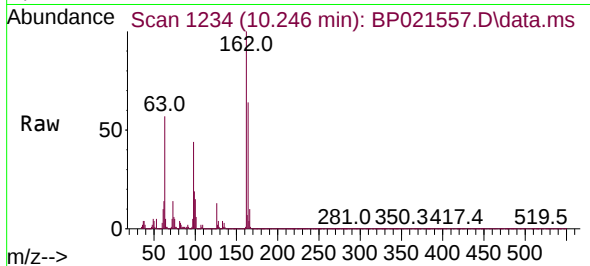
Tgt Ion: 93 Resp: 1981805
Ion Ratio Lower Upper
93 100
95 32.1 26.2 39.4
123 9.6 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 59.832 ng
RT: 10.246 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

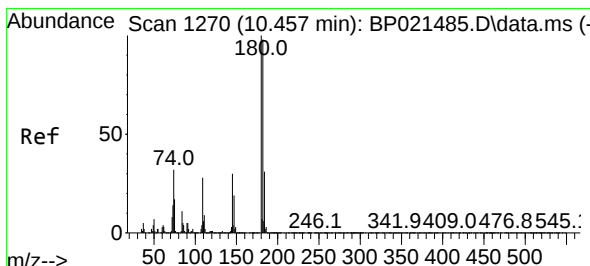
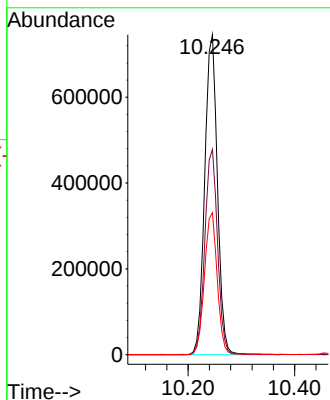
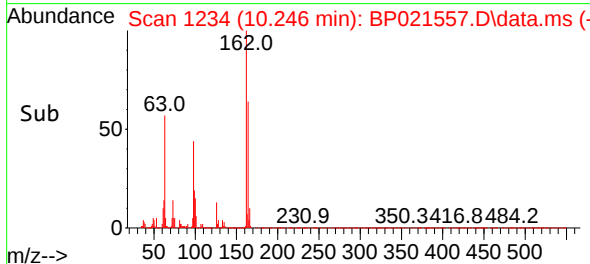
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



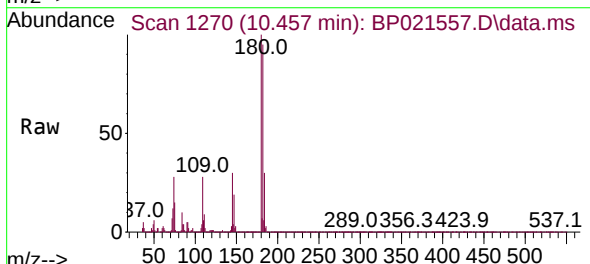
Tgt Ion:162 Resp: 123067
Ion Ratio Lower Upper
162 100
164 64.2 45.9 85.9
98 44.4 26.3 66.3

Manual Integrations
APPROVED

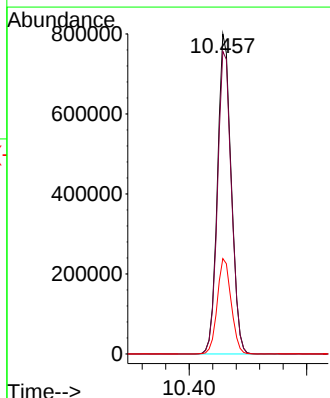
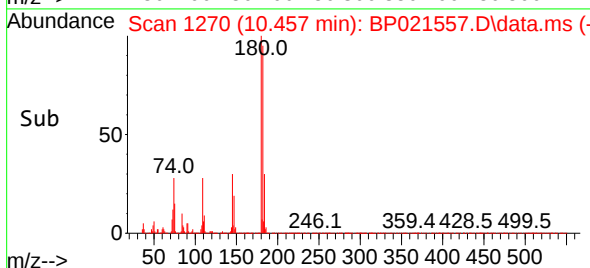
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

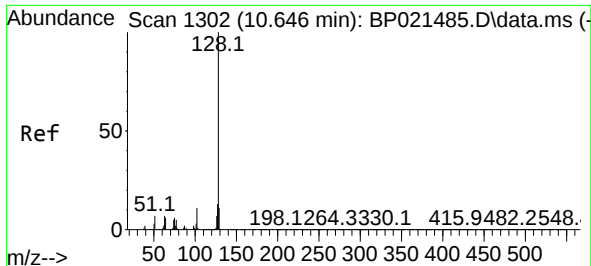


#30
1,2,4-Trichlorobenzene
Concen: 49.047 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27



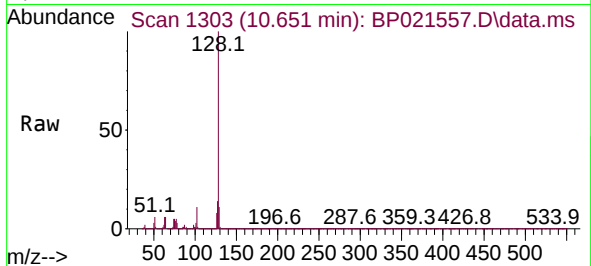
Tgt Ion:180 Resp: 1293380
Ion Ratio Lower Upper
180 100
182 94.5 78.3 117.5
145 29.8 24.0 36.0





#31
Naphthalene
Concen: 49.474 ng
RT: 10.651 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

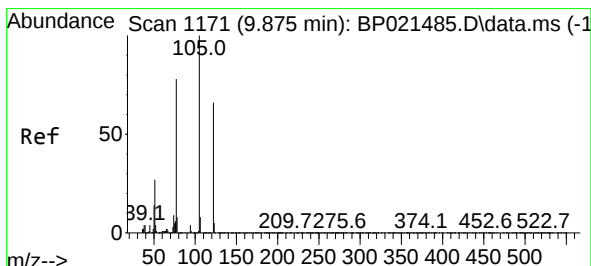
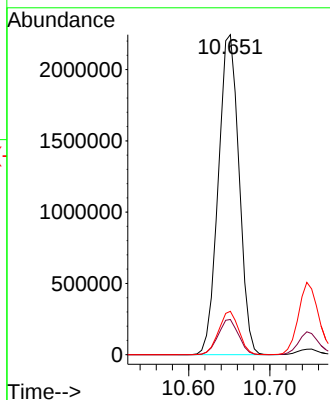
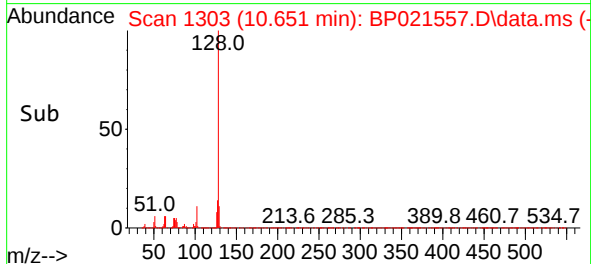
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



Tgt Ion:128 Resp: 3983220
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.6 10.6 15.8

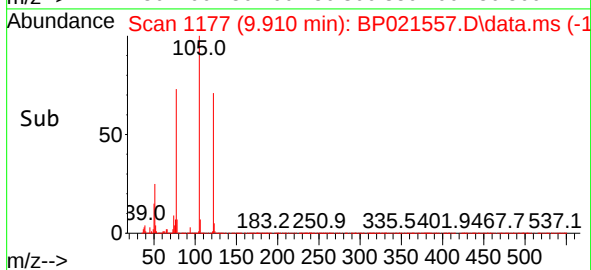
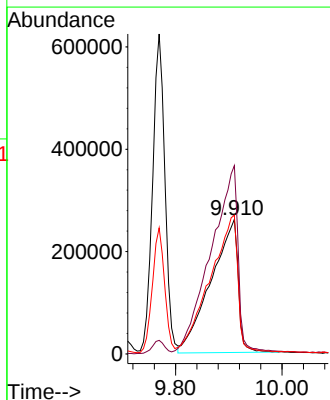
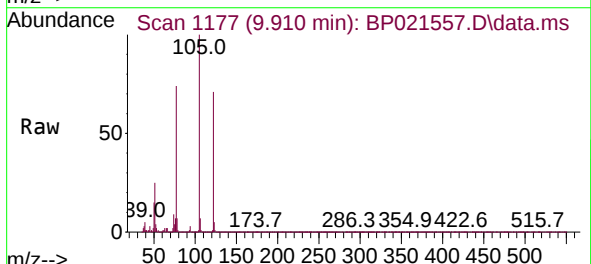
Manual Integrations
APPROVED

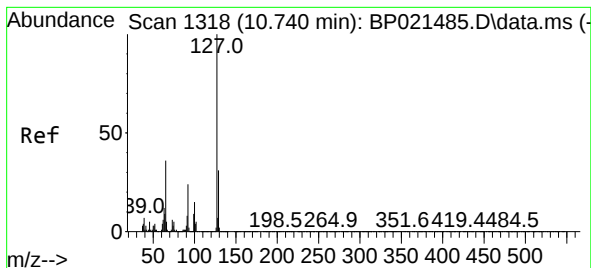
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#32
Benzoic acid
Concen: 68.457 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.035 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Tgt Ion:122 Resp: 918272
Ion Ratio Lower Upper
122 100
105 140.1 124.6 164.6
77 103.1 96.2 136.2





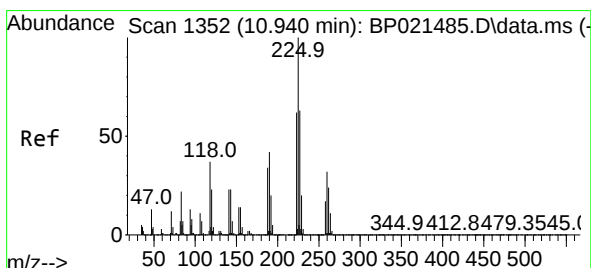
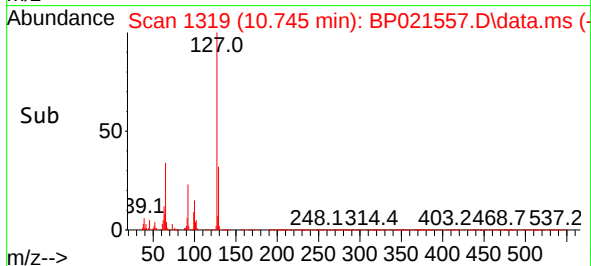
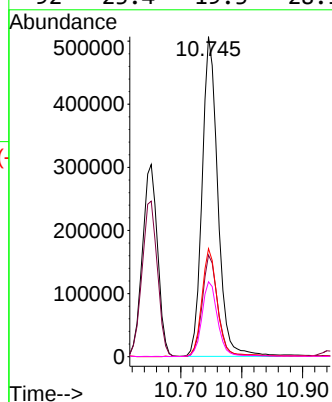
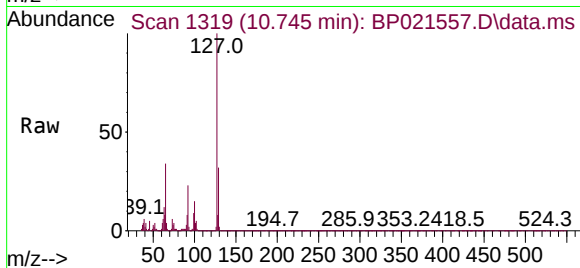
#33
4-Chloroaniline
Concen: 30.008 ng
RT: 10.745 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.5	36.7
65	33.8	28.9	43.3
92	23.4	19.3	28.9

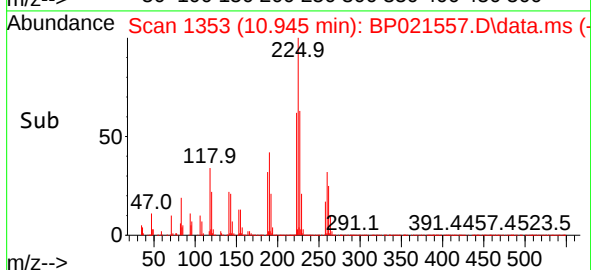
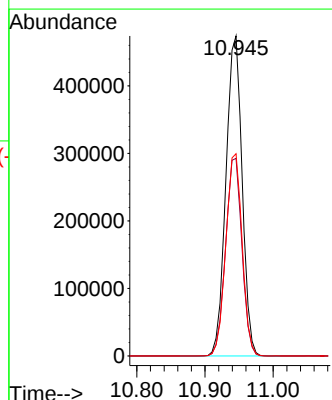
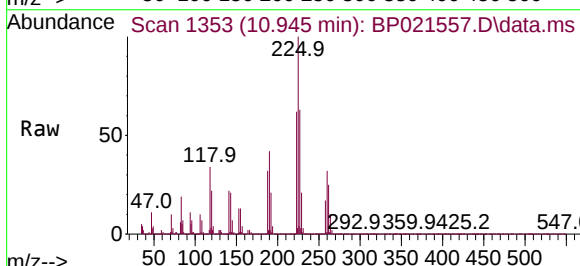
Manual Integrations
APPROVED

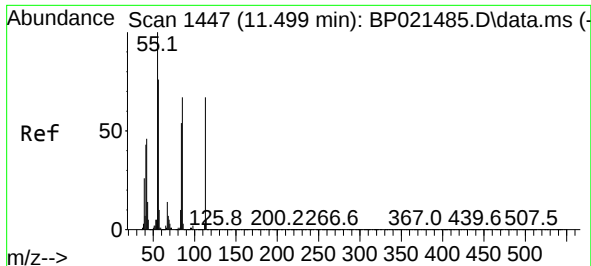
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#34
Hexachlorobutadiene
Concen: 47.133 ng
RT: 10.945 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

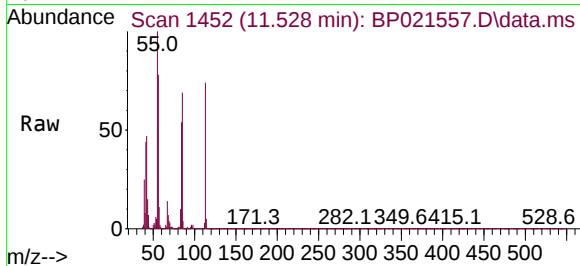
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.6	74.4
227	63.2	50.1	75.1





#35
Caprolactam
Concen: 51.494 ng
RT: 11.528 min Scan# 1447
Delta R.T. 0.029 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

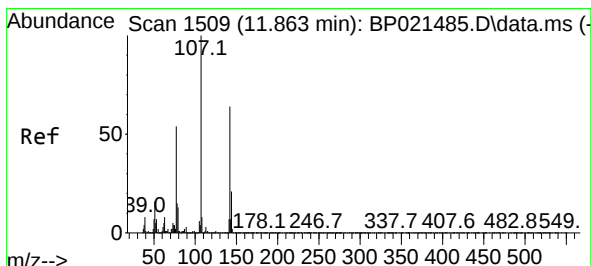
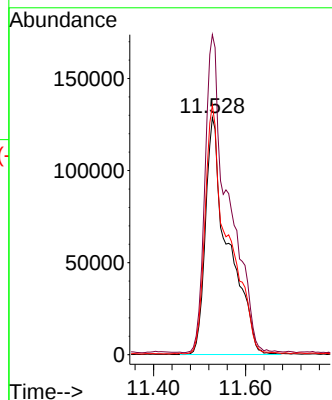
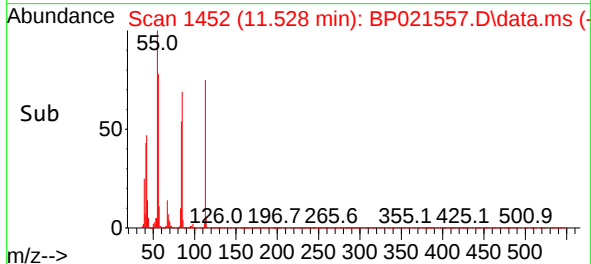
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



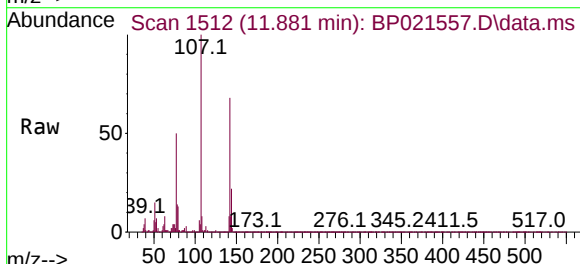
Tgt Ion:113 Resp: 440859
Ion Ratio Lower Upper
113 100
55 134.9 130.6 170.6
56 105.3 94.6 134.6

Manual Integrations
APPROVED

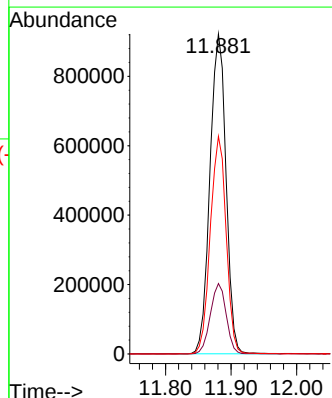
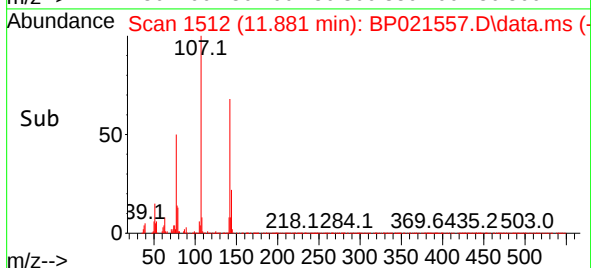
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

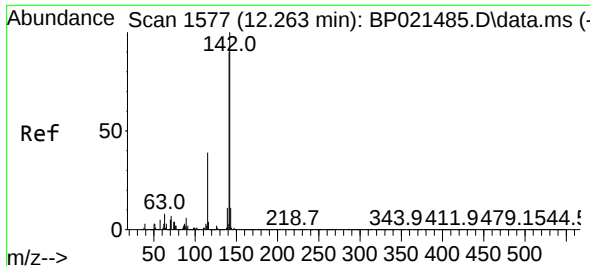


#36
4-Chloro-3-methylphenol
Concen: 55.059 ng
RT: 11.881 min Scan# 1512
Delta R.T. 0.017 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27



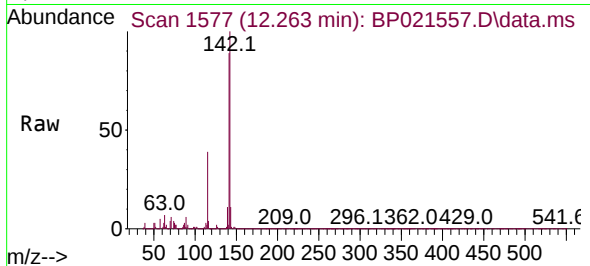
Tgt Ion:107 Resp: 1570959
Ion Ratio Lower Upper
107 100
144 22.0 16.6 24.8
142 68.0 51.0 76.4





#37
2-Methylnaphthalene
Concen: 49.165 ng
RT: 12.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

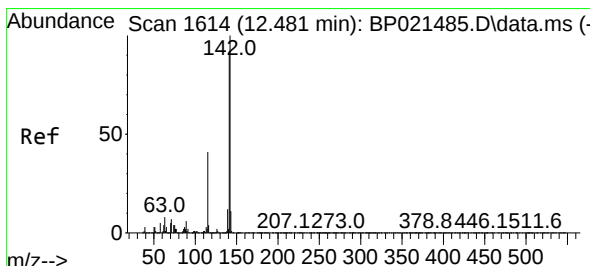
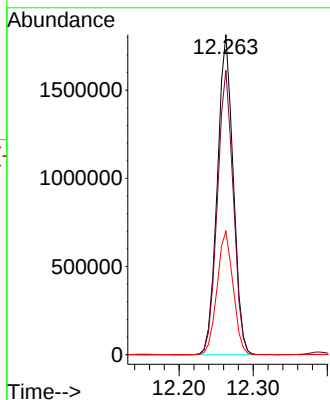
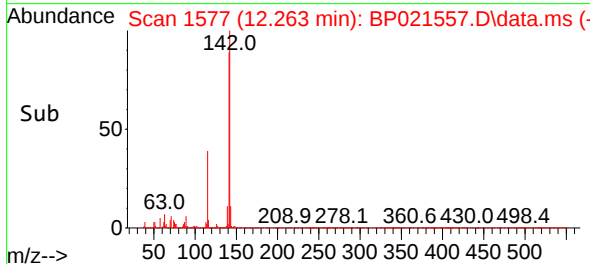
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



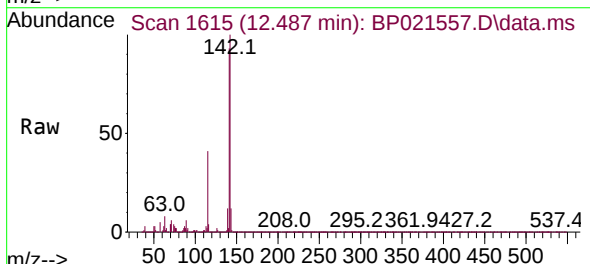
Tgt Ion:142 Resp: 270159
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5
115 38.6 31.4 47.2

Manual Integrations
APPROVED

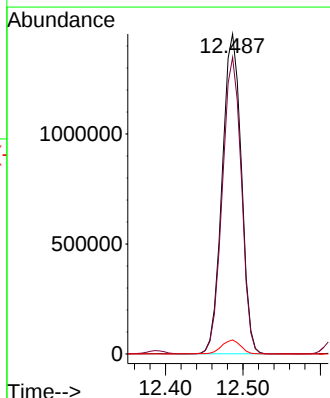
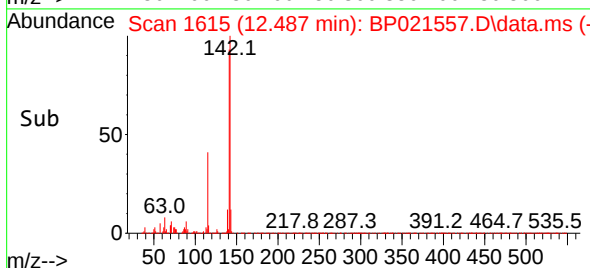
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

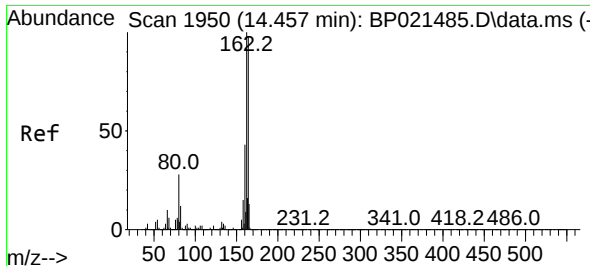


#38
1-Methylnaphthalene
Concen: 46.058 ng
RT: 12.487 min Scan# 1615
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27



Tgt Ion:142 Resp: 2496065
Ion Ratio Lower Upper
142 100
141 92.7 73.5 110.3
116 4.4 3.4 5.2





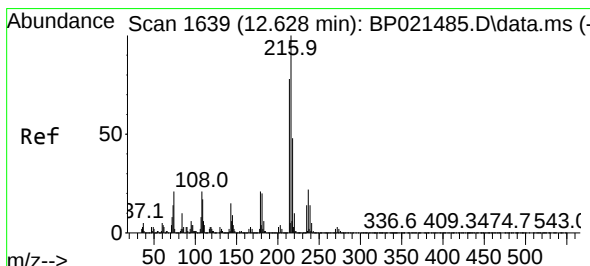
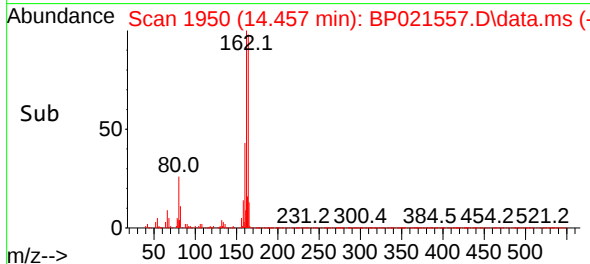
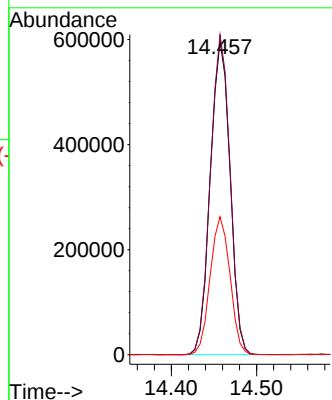
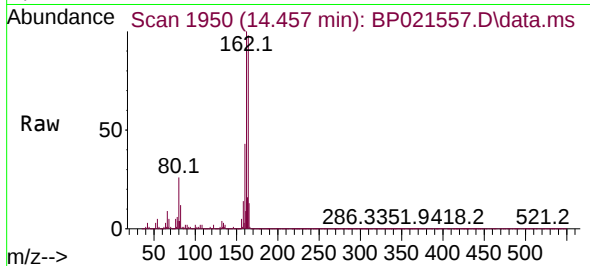
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

Tgt Ion:164 Resp: 961258
Ion Ratio Lower Upper
164 100
162 102.1 81.5 122.3
160 44.0 35.2 52.8

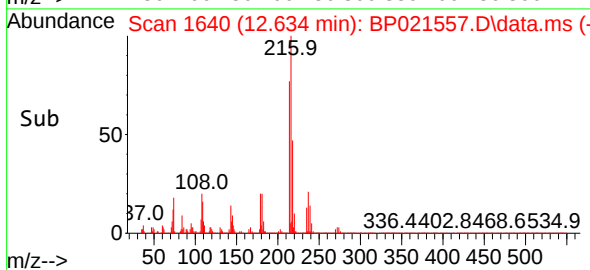
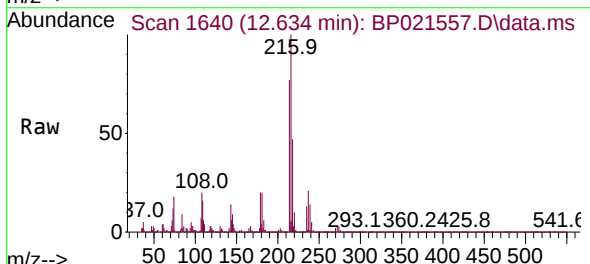
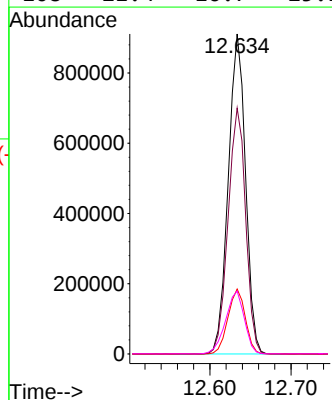
Manual Integrations
APPROVED

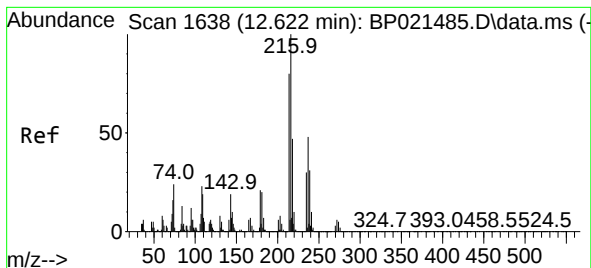
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.736 ng
RT: 12.634 min Scan# 1640
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Tgt Ion:216 Resp: 1344490
Ion Ratio Lower Upper
216 100
214 78.2 62.5 93.7
179 20.4 16.4 24.6
108 21.4 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 102.705 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Instrument :

BNA_P

ClientSampleId :

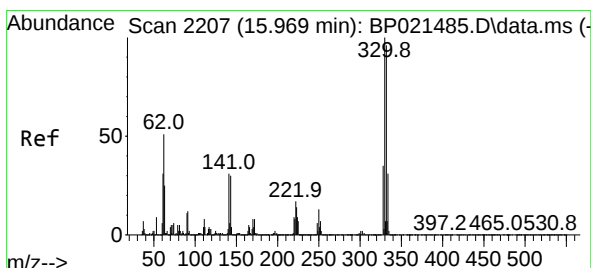
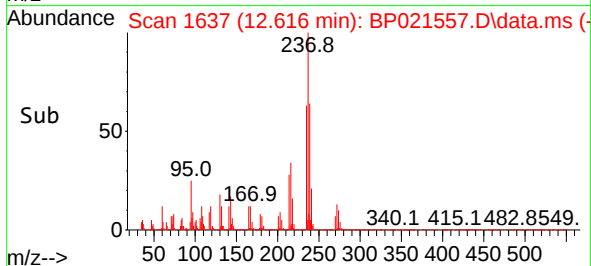
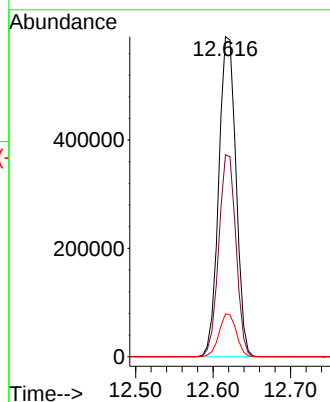
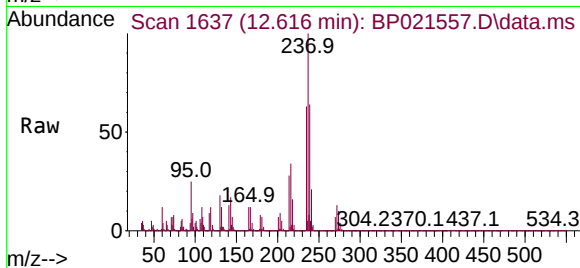
OU4-TS-08-080724MS

Tgt Ion:	237	Resp:	91680
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.9	83.9
272	13.4	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: 93.589 ng

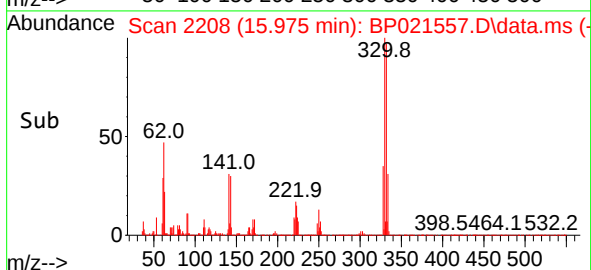
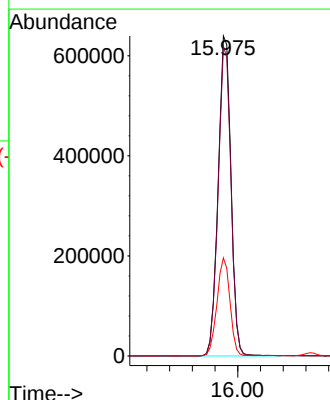
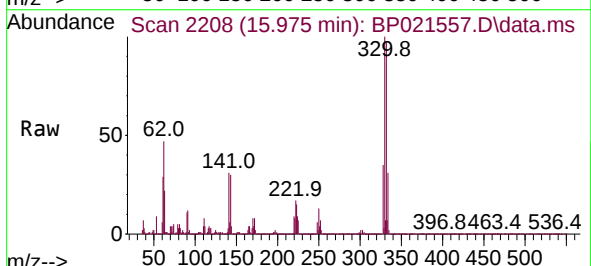
RT: 15.975 min Scan# 2208

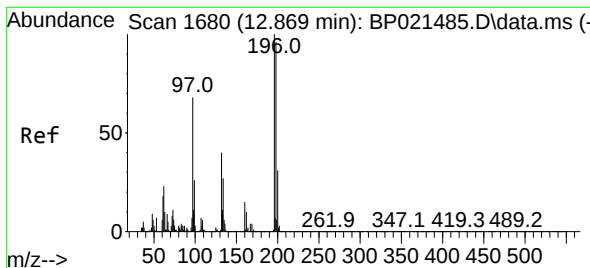
Delta R.T. 0.006 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Tgt Ion:	330	Resp:	1001254
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.4	116.0
141	31.0	24.5	36.7





#43

2,4,6-Trichlorophenol

Concen: 63.448 ng

RT: 12.875 min Scan# 1680

Delta R.T. 0.006 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

Tgt Ion:196 Resp: 992659

Ion Ratio Lower Upper

196 100

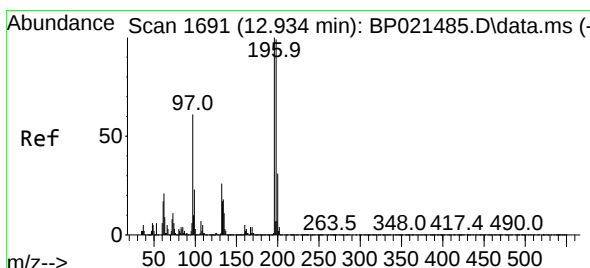
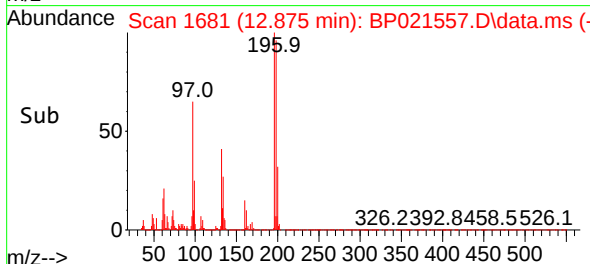
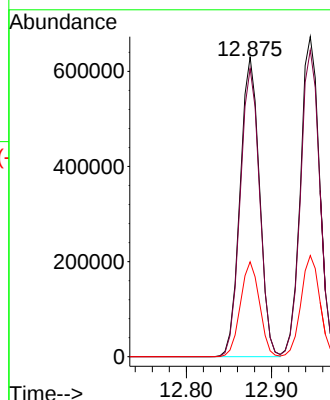
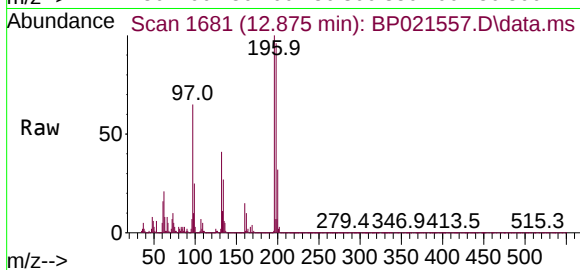
198 96.2 76.6 114.8

200 31.6 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: 60.675 ng

RT: 12.945 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Tgt Ion:196 Resp: 1054676

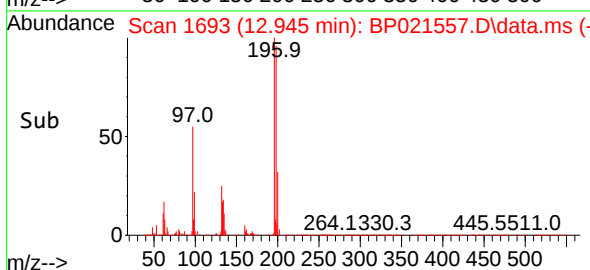
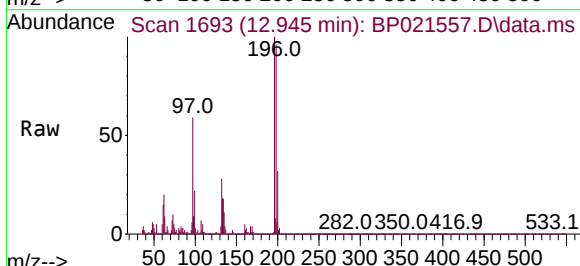
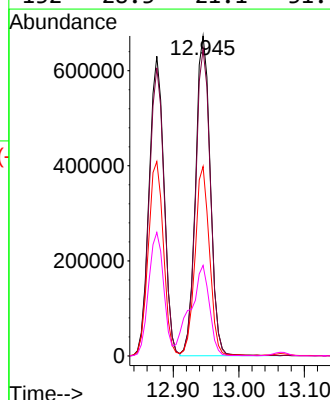
Ion Ratio Lower Upper

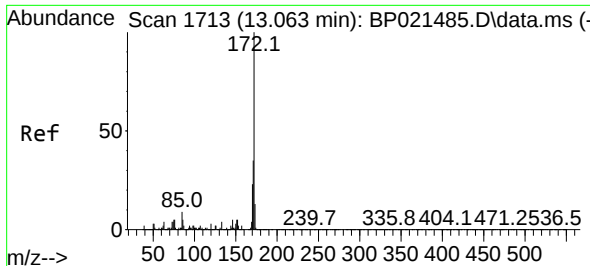
196 100

198 95.8 78.9 118.3

97 59.2 49.4 74.0

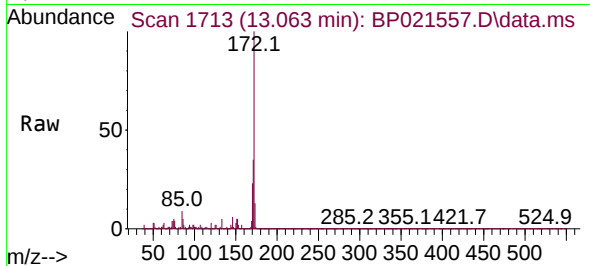
132 28.3 21.1 31.7





#45
2-Fluorobiphenyl
Concen: 43.545 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

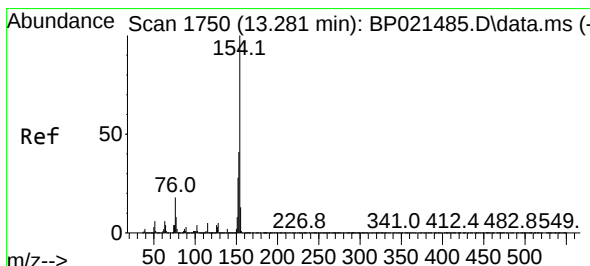
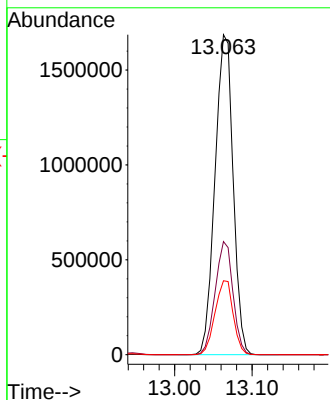
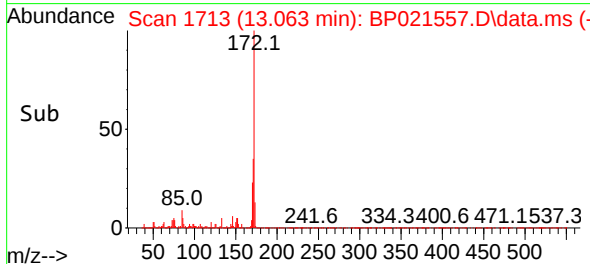
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



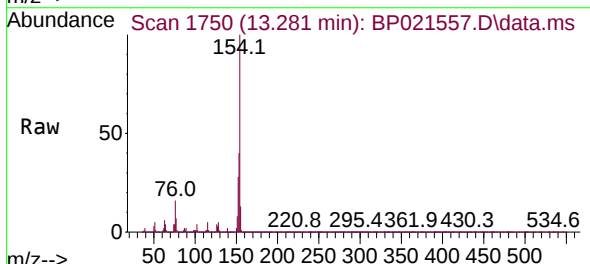
Tgt Ion:172 Resp: 2742679
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.1 18.4 27.6

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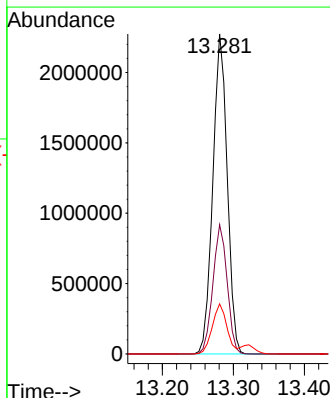
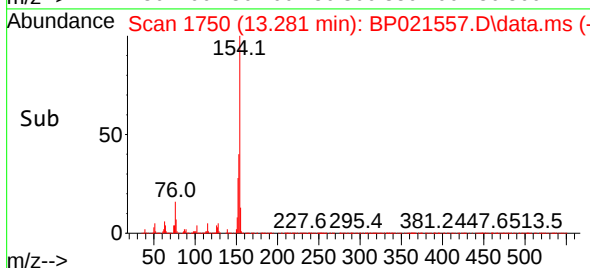
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

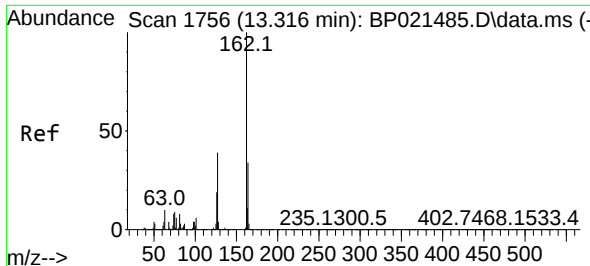


#46
1,1'-Biphenyl
Concen: 46.892 ng
RT: 13.281 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27



Tgt Ion:154 Resp: 3189103
Ion Ratio Lower Upper
154 100
153 40.4 20.7 60.7
76 15.6 0.0 37.7





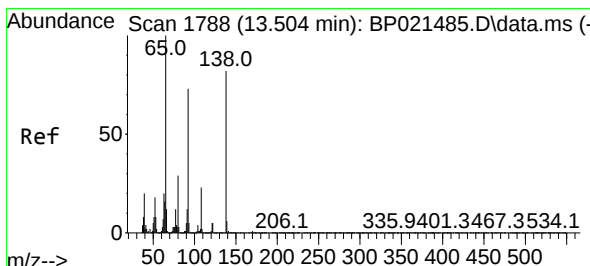
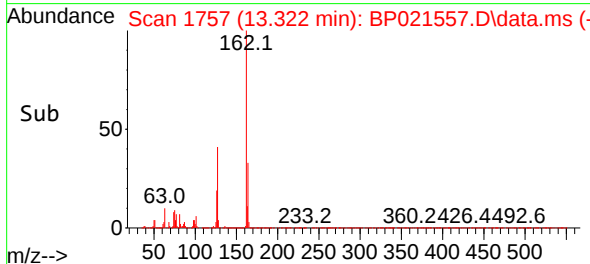
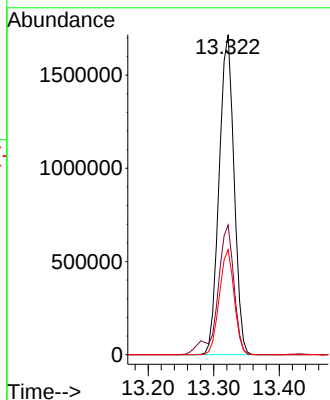
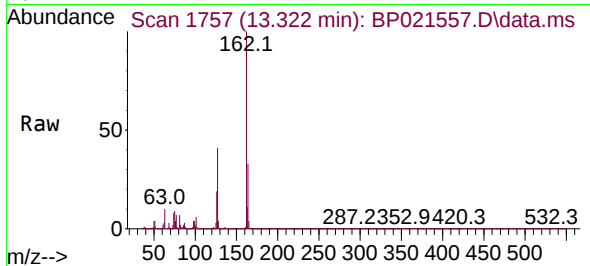
#47
2-Chloronaphthalene
Concen: 51.089 ng
RT: 13.322 min Scan# 1791
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

Tgt Ion:162 Resp: 2705079
Ion Ratio Lower Upper
162 100
127 40.5 31.9 47.9
164 32.8 26.8 40.2

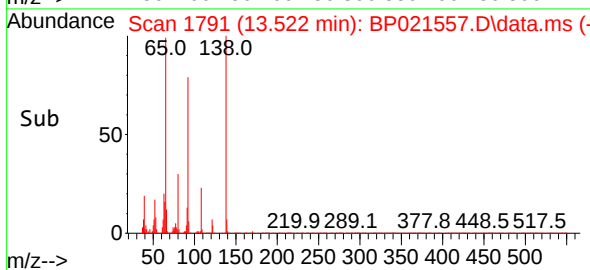
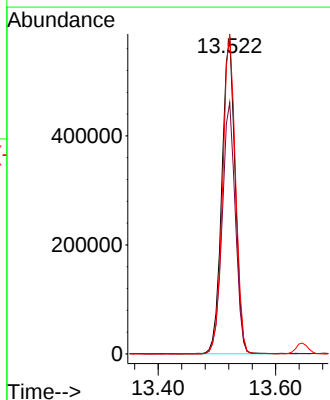
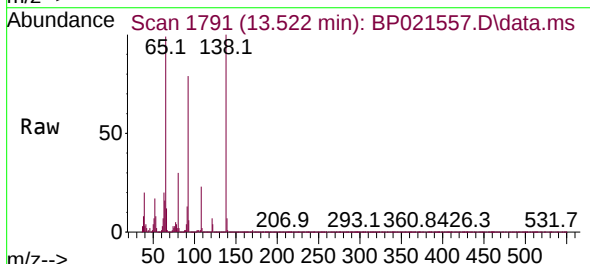
Manual Integrations
APPROVED

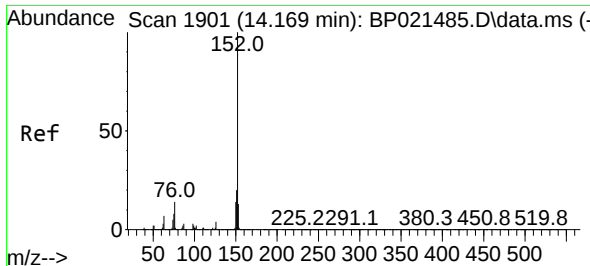
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#48
2-Nitroaniline
Concen: 60.141 ng
RT: 13.522 min Scan# 1791
Delta R.T. 0.018 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

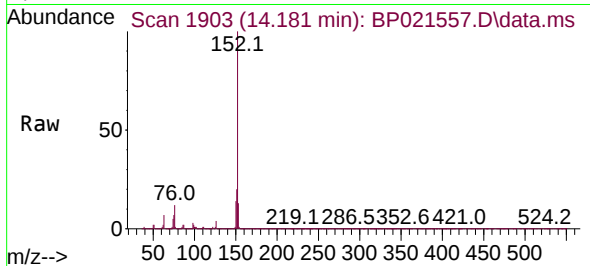
Tgt Ion: 65 Resp: 914127
Ion Ratio Lower Upper
65 100
92 79.2 58.1 87.1
138 100.8 65.5 98.3





#49
Acenaphthylene
Concen: 56.483 ng
RT: 14.181 min Scan# 1903
Delta R.T. 0.012 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

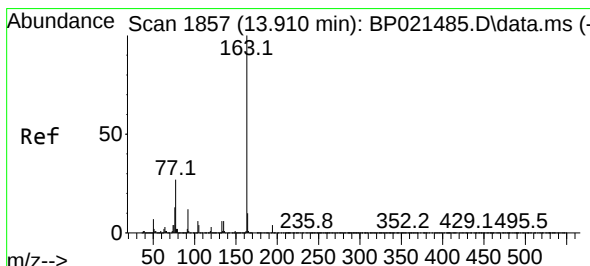
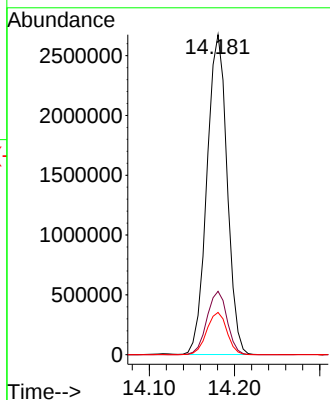
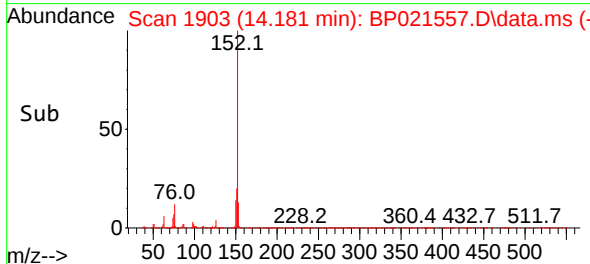
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



Tgt Ion:152 Resp: 439640
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 10.6 16.0

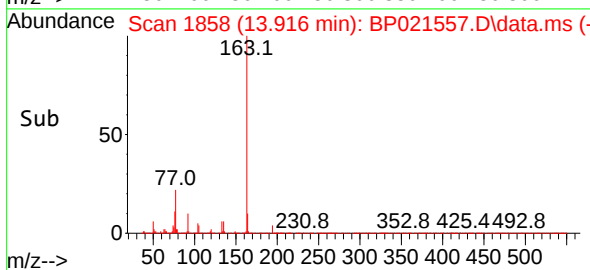
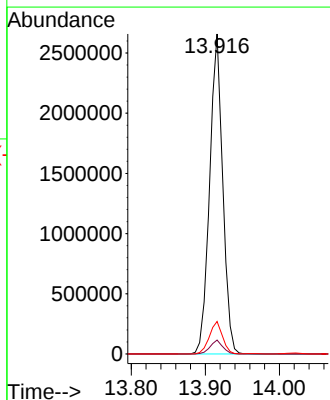
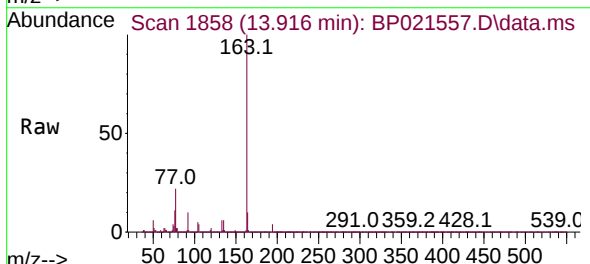
Manual Integrations
APPROVED

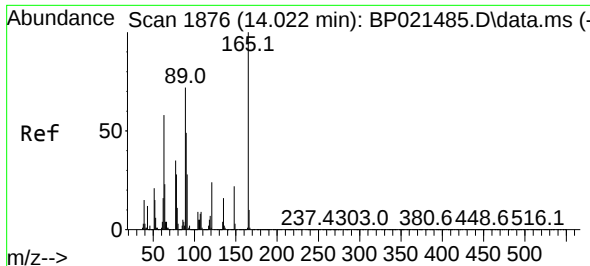
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#50
Dimethylphthalate
Concen: 50.655 ng
RT: 13.916 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

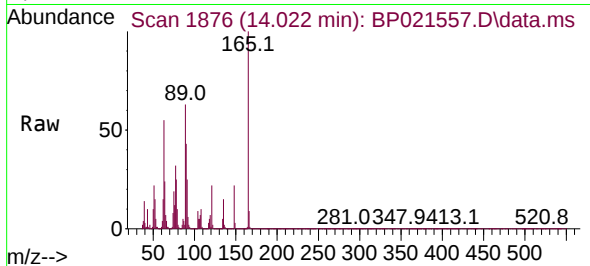
Tgt Ion:163 Resp: 3260887
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 54.963 ng
RT: 14.022 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

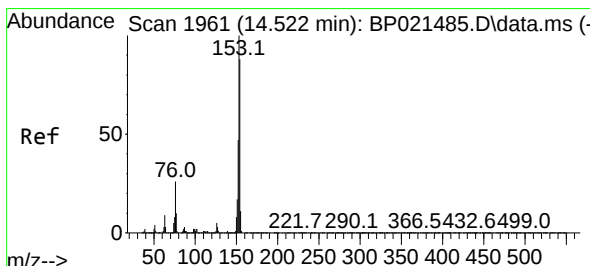
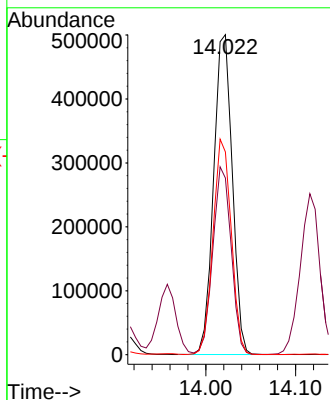
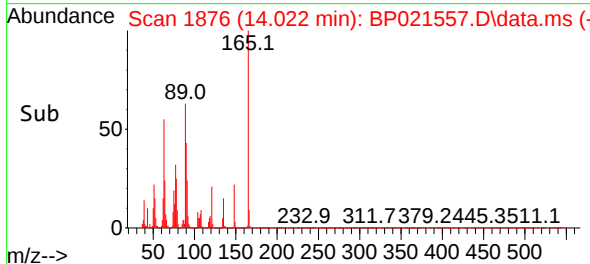
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



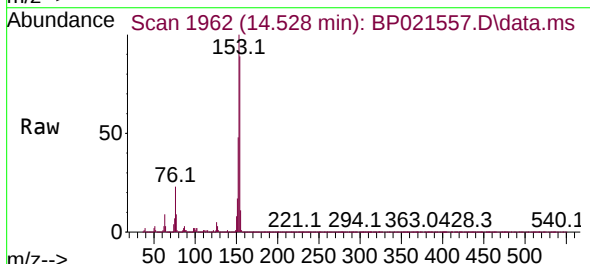
Tgt Ion:165 Resp: 72201
Ion Ratio Lower Upper
165 100
63 55.2 51.5 77.3
89 63.4 57.8 86.8

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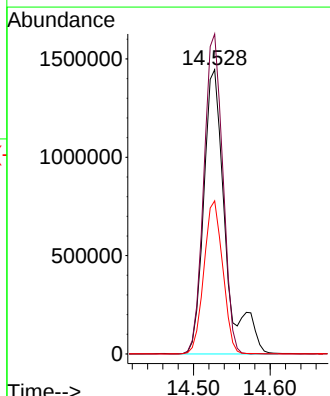
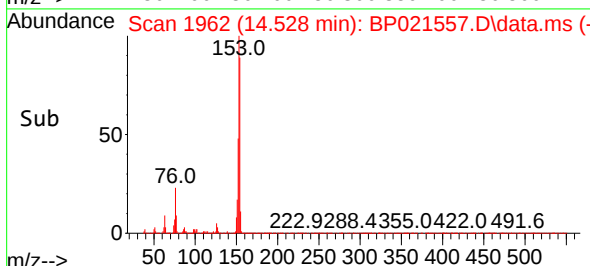
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

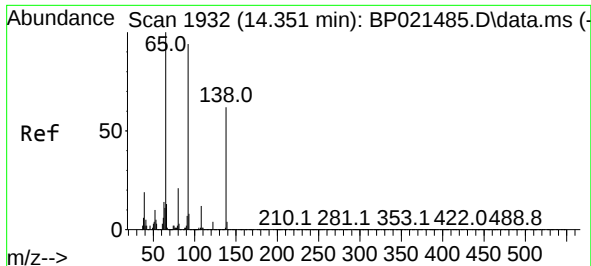


#52
Acenaphthene
Concen: 55.473 ng m
RT: 14.528 min Scan# 1962
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27



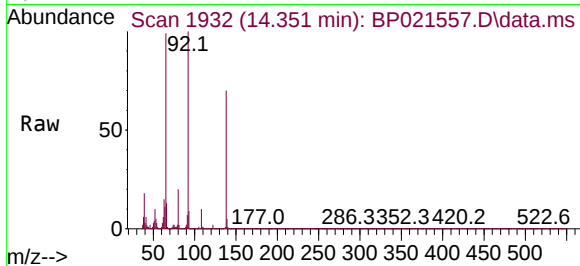
Tgt Ion:154 Resp: 2833052
Ion Ratio Lower Upper
154 100
153 112.5 91.1 136.7
152 53.9 43.0 64.4





#53
3-Nitroaniline
Concen: 48.495 ng
RT: 14.351 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

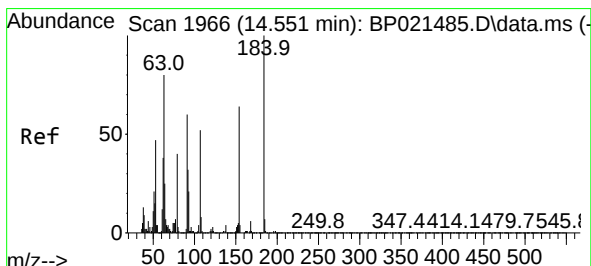
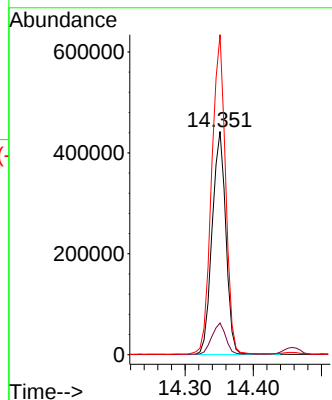
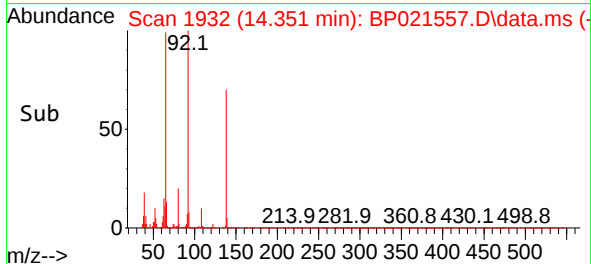
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



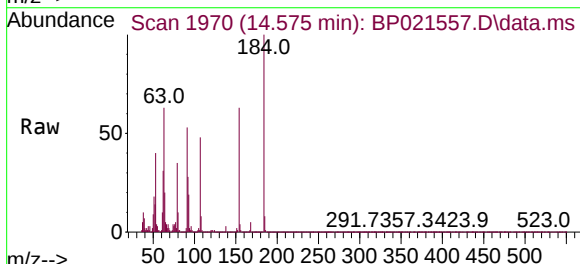
Tgt Ion:138 Resp: 61973
Ion Ratio Lower Upper
138 100
108 14.2 16.2 24.4
92 143.4 122.2 183.4

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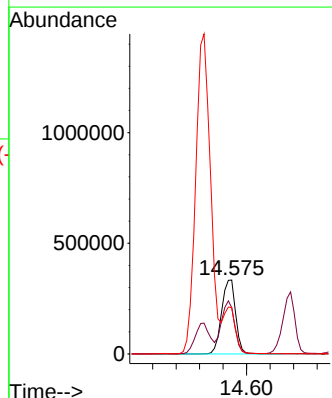
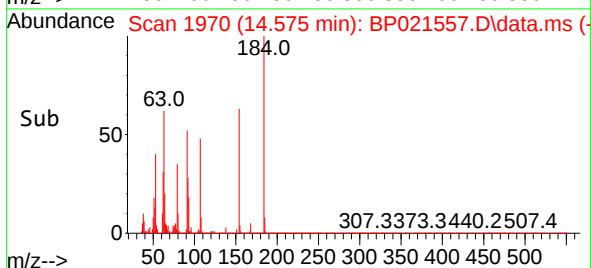
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

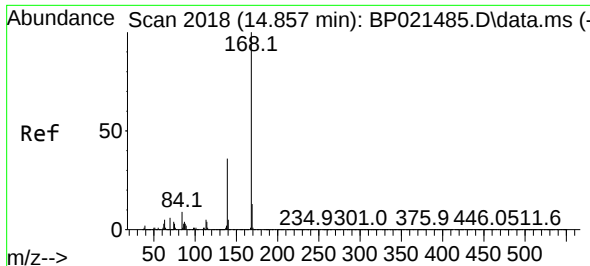


#54
2,4-Dinitrophenol
Concen: 104.575 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.024 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27



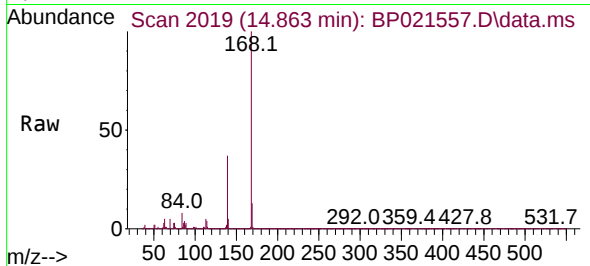
Tgt Ion:184 Resp: 551205
Ion Ratio Lower Upper
184 100
63 62.6 64.9 97.3
154 62.7 52.1 78.1





#55
Dibenzenofuran
Concen: 51.897 ng
RT: 14.863 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

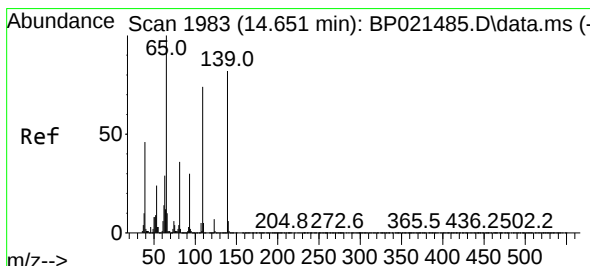
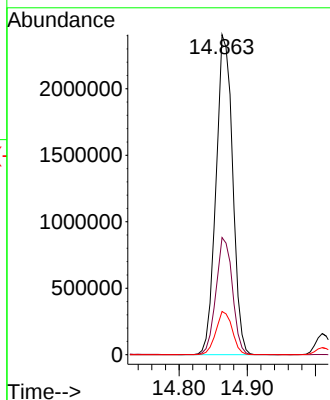
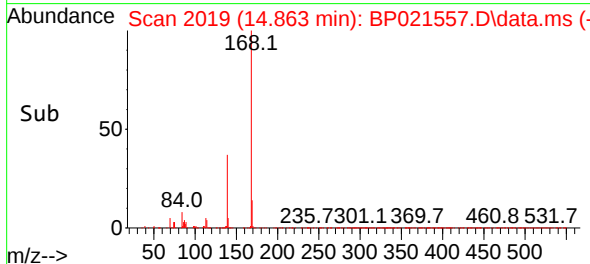
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



Tgt Ion:168 Resp: 407722
Ion Ratio Lower Upper
168 100
139 36.6 28.6 43.0
169 13.5 10.6 16.0

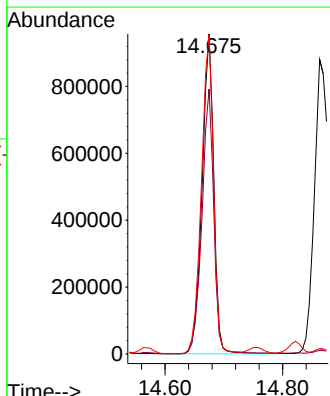
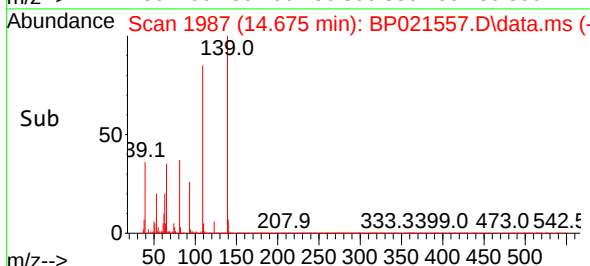
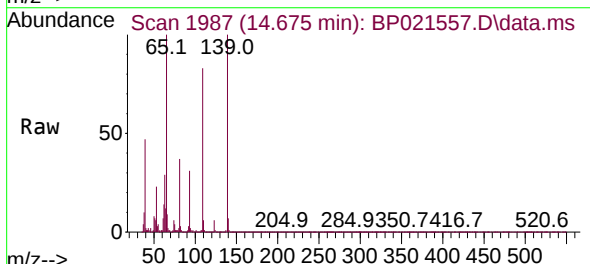
Manual Integrations
APPROVED

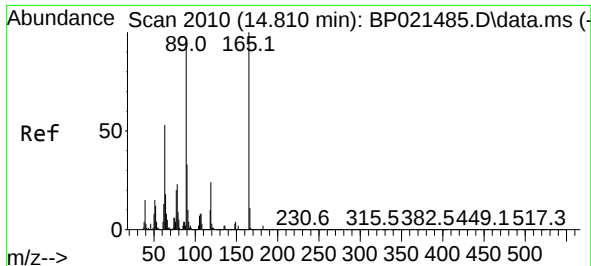
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#56
4-Nitrophenol
Concen: 121.628 ng
RT: 14.675 min Scan# 1987
Delta R.T. 0.024 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

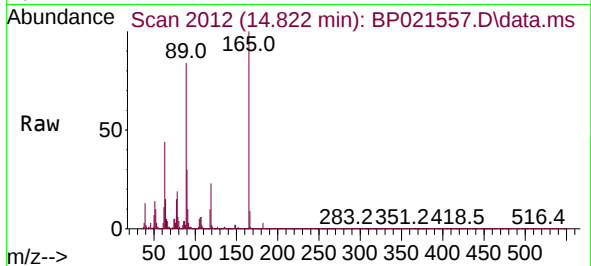
Tgt Ion:139 Resp: 1328685
Ion Ratio Lower Upper
139 100
109 82.8 70.2 110.2
65 99.7 101.8 141.8#





#57
2,4-Dinitrotoluene
Concen: 59.654 ng
RT: 14.822 min Scan# 2012
Delta R.T. 0.012 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

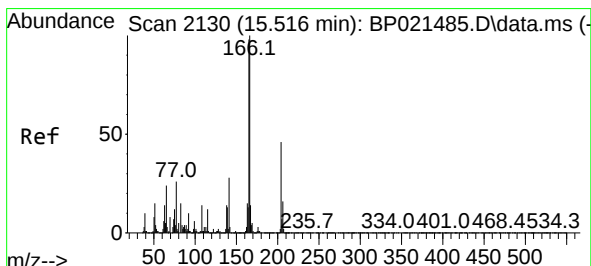
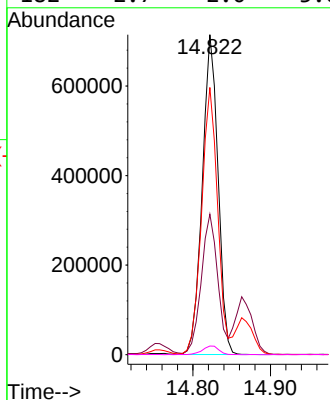
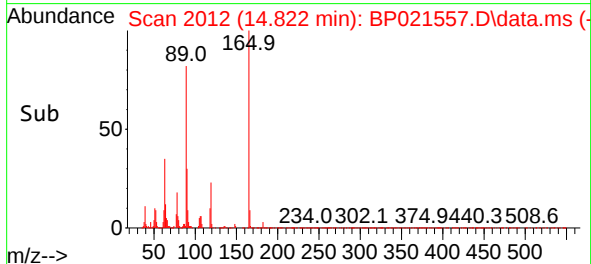
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



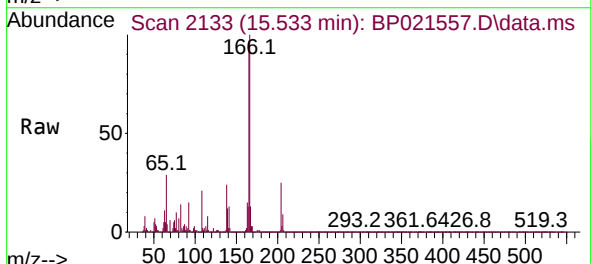
Tgt Ion:165 Resp: 100787
Ion Ratio Lower Upper
165 100
63 43.9 42.5 63.7
89 83.5 77.1 115.7
182 2.7 2.0 3.0

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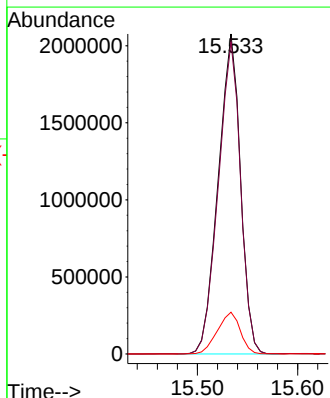
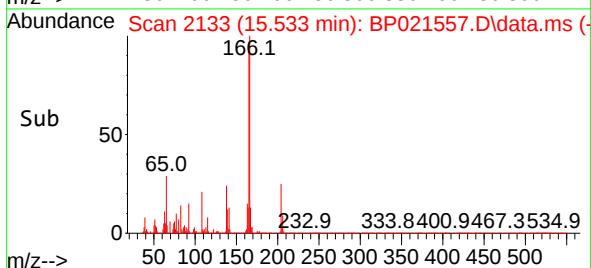
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

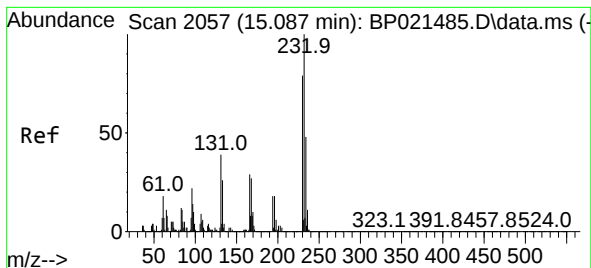


#58
Fluorene
Concen: 49.436 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.017 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27



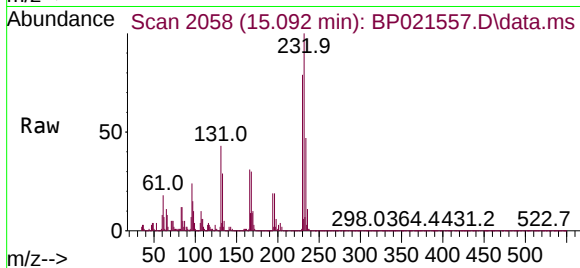
Tgt Ion:166 Resp: 3190712
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.0 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 63.529 ng
RT: 15.092 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

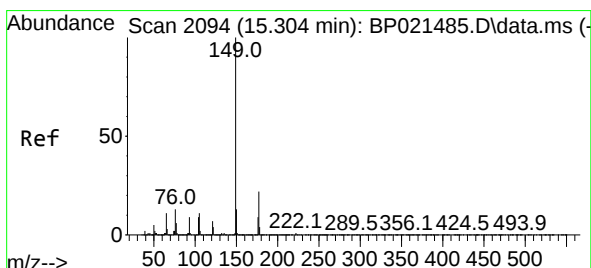
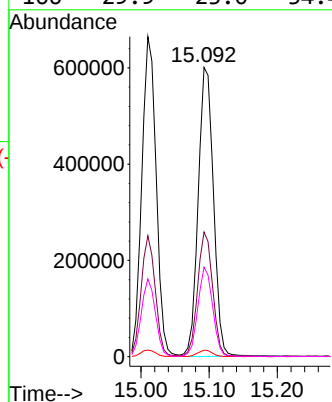
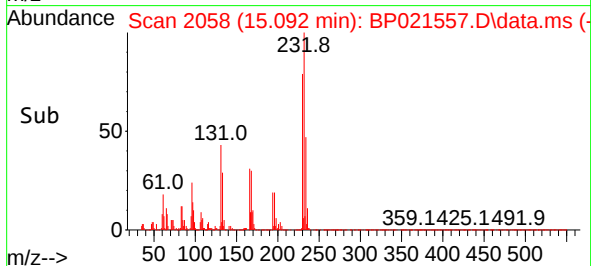
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



Tgt Ion:232 Resp: 937300
Ion Ratio Lower Upper
232 100
131 42.3 33.1 49.7
130 2.2 1.7 2.5
166 29.9 23.0 34.4

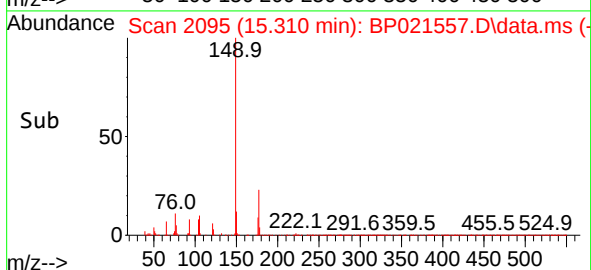
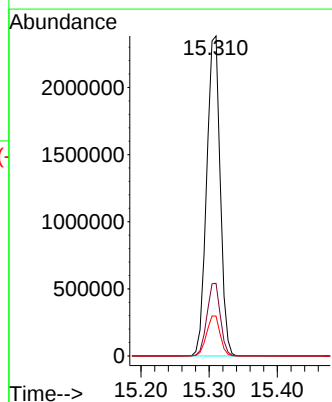
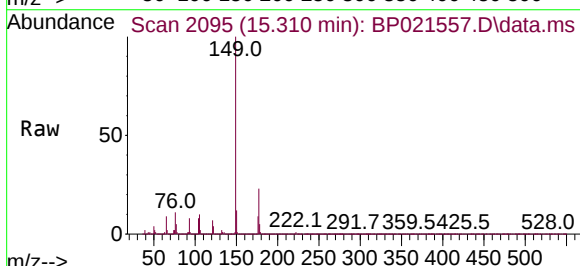
Manual Integrations
APPROVED

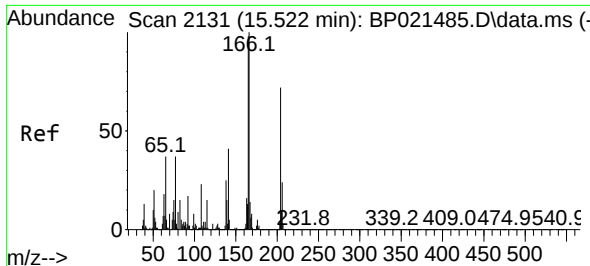
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#60
Diethylphthalate
Concen: 49.623 ng
RT: 15.310 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

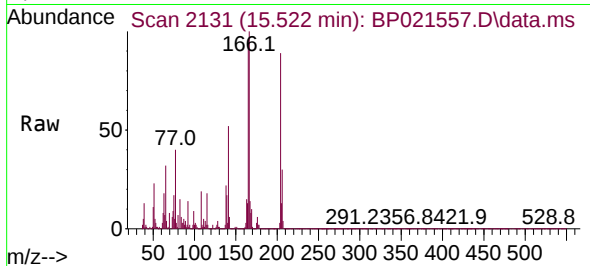
Tgt Ion:149 Resp: 3277644
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.862 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

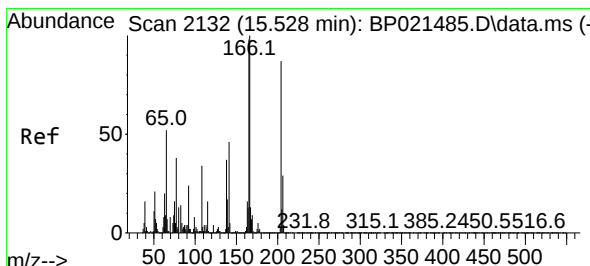
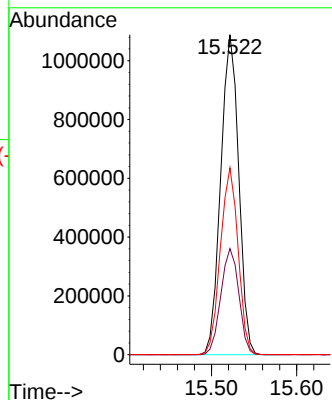
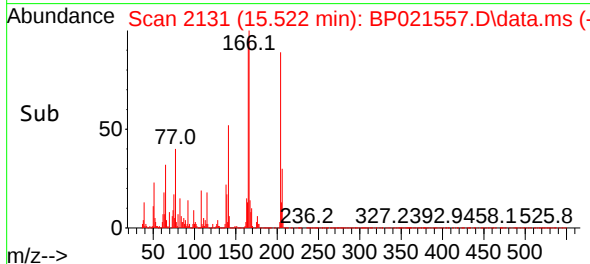
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



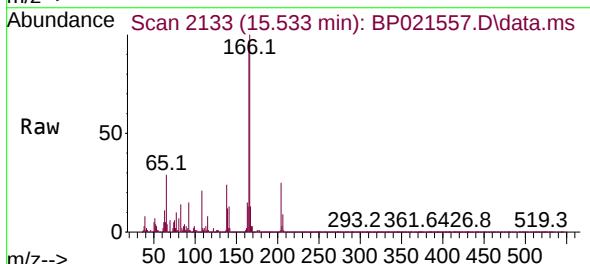
Tgt Ion:204 Resp: 159678
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 58.4 46.1 69.1

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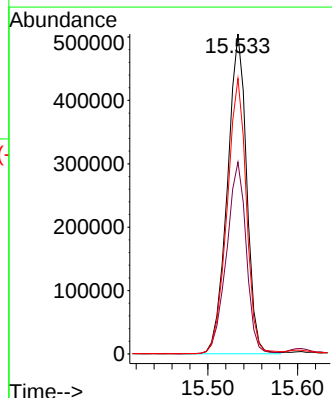
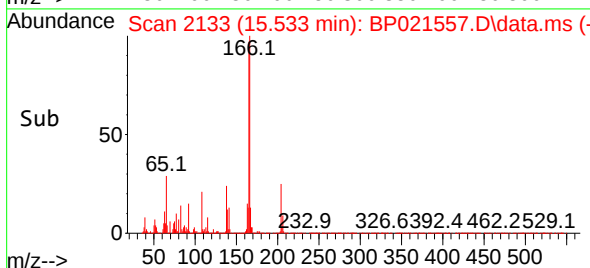
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

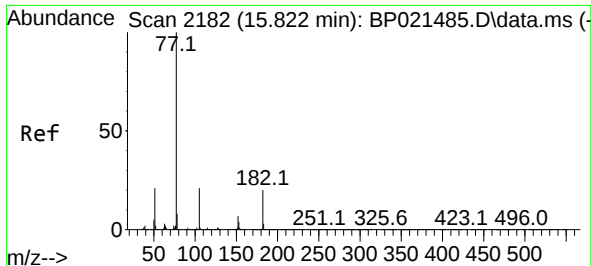


#62
4-Nitroaniline
Concen: 56.733 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.005 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27



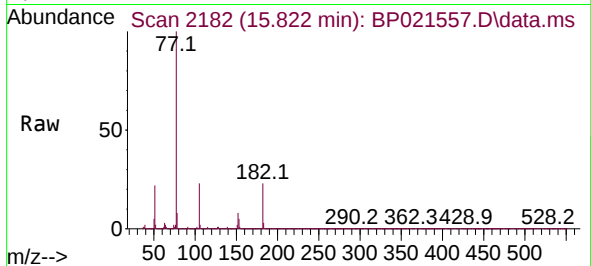
Tgt Ion:138 Resp: 752008
Ion Ratio Lower Upper
138 100
92 60.0 46.4 86.4
108 86.1 73.2 113.2





#63
Azobenzene
Concen: 45.936 ng
RT: 15.822 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

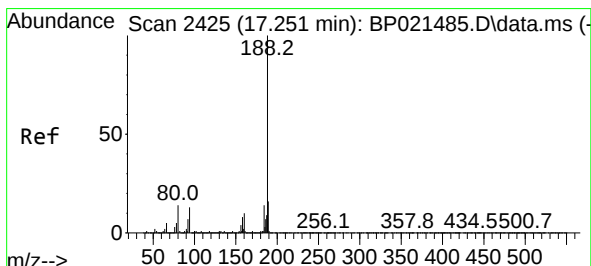
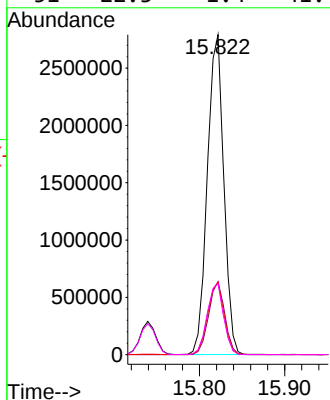
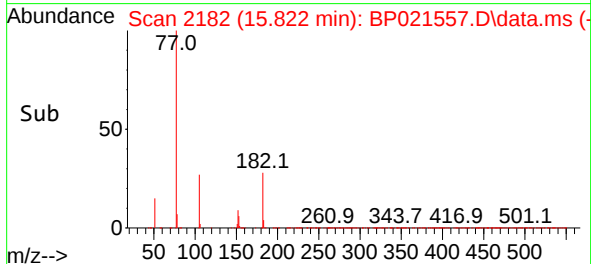


Tgt Ion: 77 Resp: 372963

Ion	Ratio	Lower	Upper
77	100		
182	22.8	0.0	39.9
105	22.7	0.9	40.9
51	22.3	1.4	41.4

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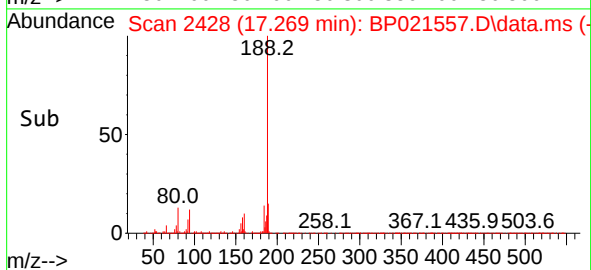
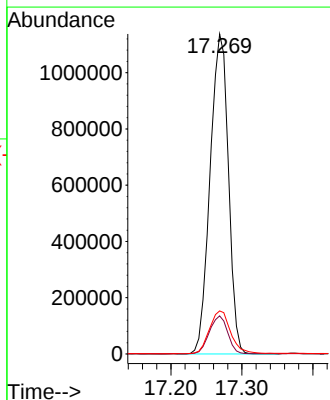
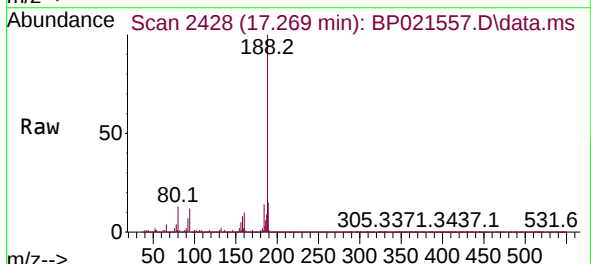
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

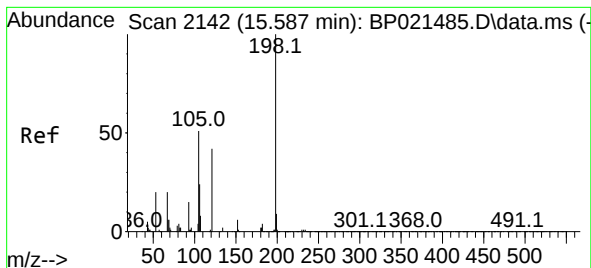


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. 0.017 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Tgt Ion:188 Resp: 2031100

Ion	Ratio	Lower	Upper
188	100		
94	11.9	10.2	15.4
80	13.5	11.6	17.4





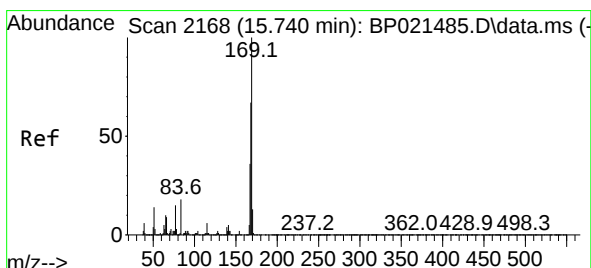
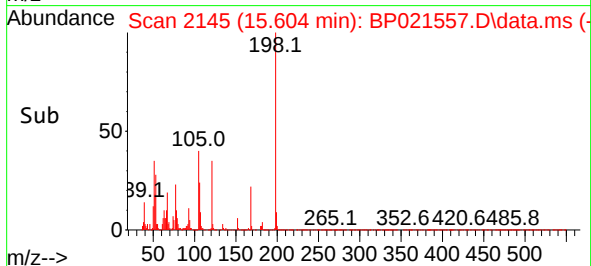
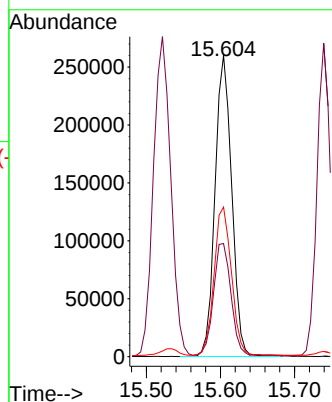
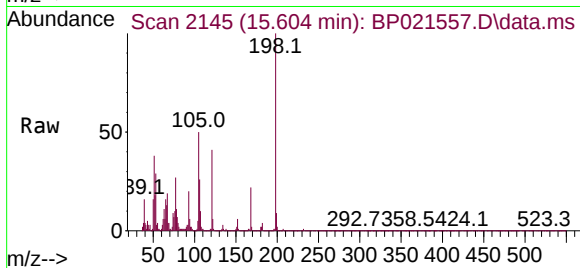
#65
4,6-Dinitro-2-methylphenol
Concen: 60.592 ng
RT: 15.604 min Scan# 2145
Delta R.T. 0.017 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

Tgt Ion:198 Resp: 405879
Ion Ratio Lower Upper
198 100
51 37.5 21.5 61.5
105 49.6 32.9 72.9

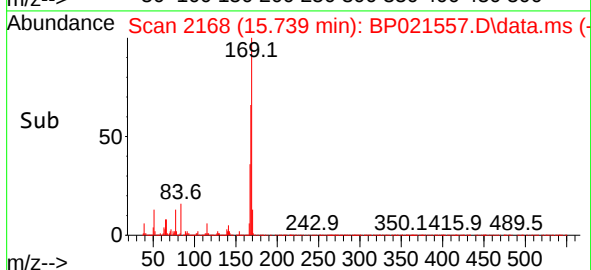
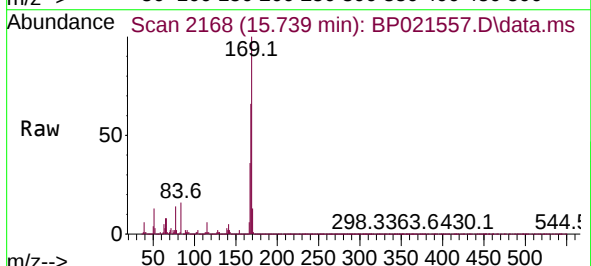
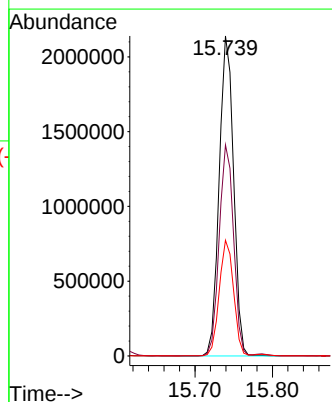
Manual Integrations
APPROVED

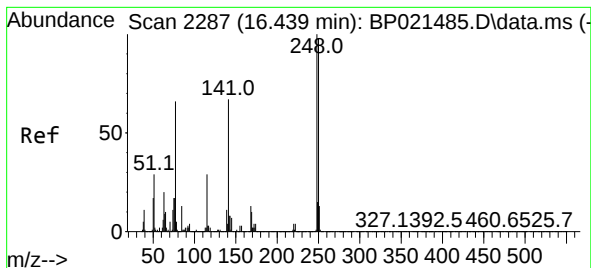
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#66
n-Nitrosodiphenylamine
Concen: 50.811 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

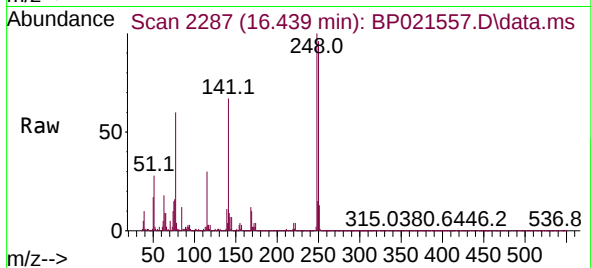
Tgt Ion:169 Resp: 2765656
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.2
167 36.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 49.522 ng
RT: 16.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

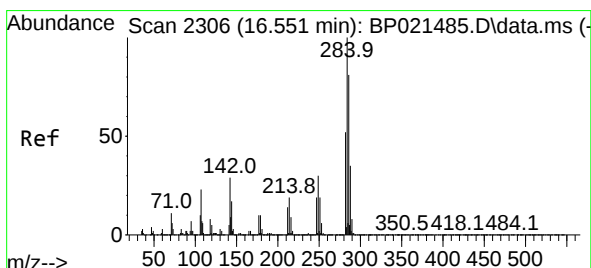
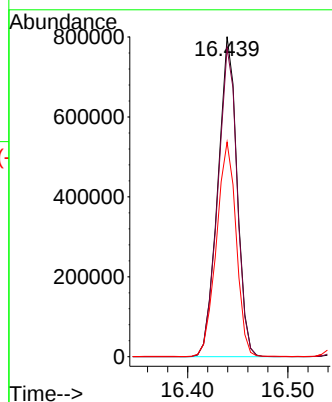
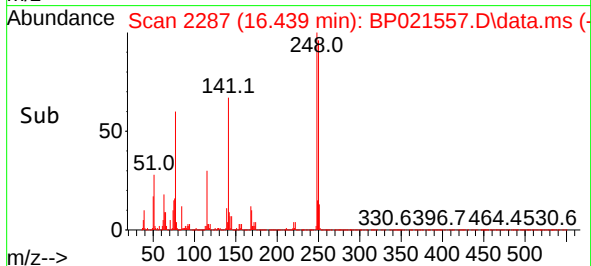
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



Tgt Ion:248 Resp: 1064529
Ion Ratio Lower Upper
248 100
250 96.4 78.6 117.8
141 67.0 53.9 80.9

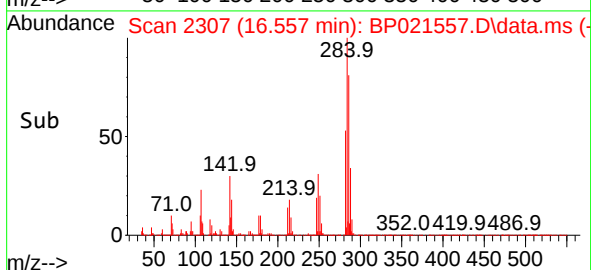
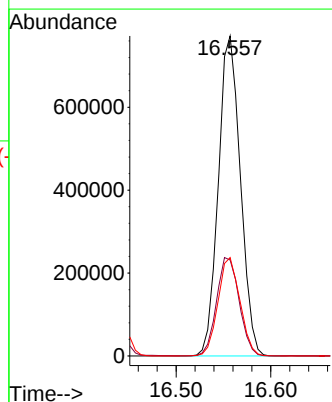
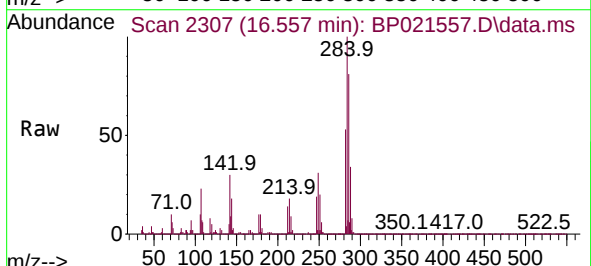
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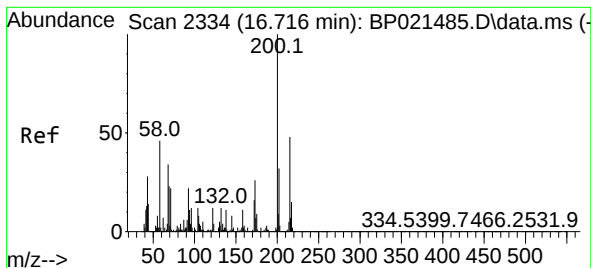
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#68
Hexachlorobenzene
Concen: 49.212 ng
RT: 16.557 min Scan# 2307
Delta R.T. 0.006 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Tgt Ion:284 Resp: 1250154
Ion Ratio Lower Upper
284 100
142 30.0 23.4 35.2
249 30.7 24.1 36.1





#69

Atrazine

Concen: 50.006 ng

RT: 16.722 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021557.D

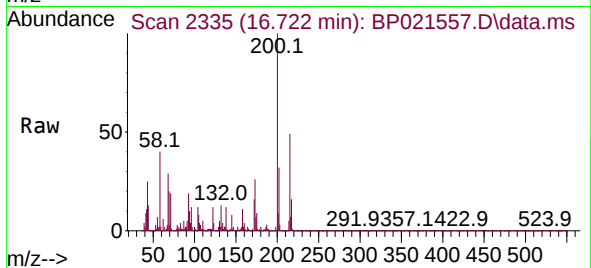
Acq: 19 Aug 2024 17:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

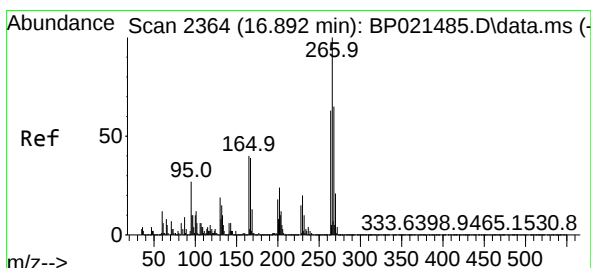
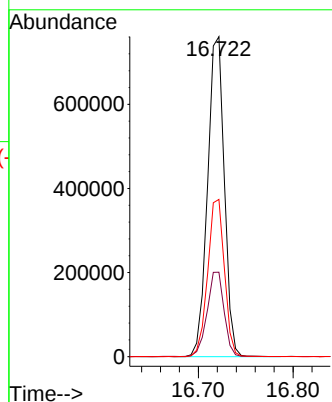
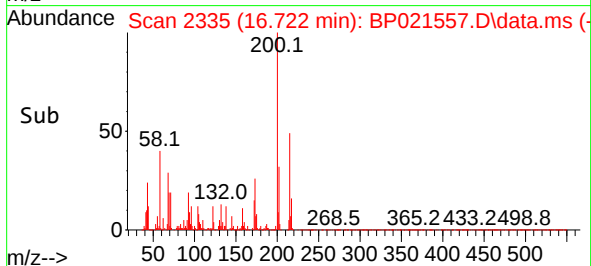


Tgt Ion:	200	Resp:	93450
Ion Ratio	Lower	Upper	
200	100		
173	26.4	6.2	46.2
215	49.1	28.4	68.4

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 117.203 ng

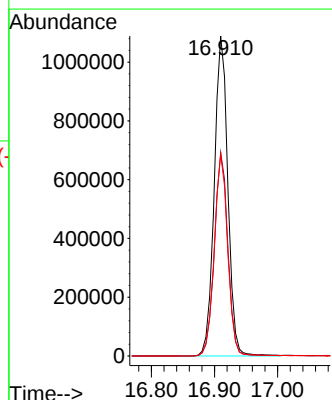
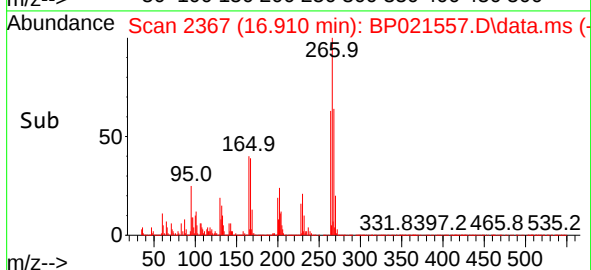
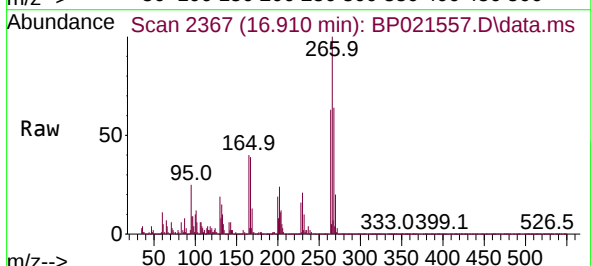
RT: 16.910 min Scan# 2367

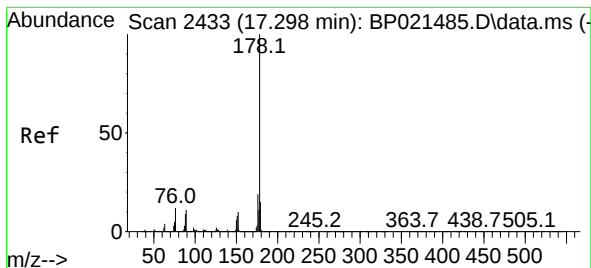
Delta R.T. 0.018 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Tgt Ion:	266	Resp:	1625051
Ion Ratio	Lower	Upper	
266	100		
268	63.7	51.8	77.6
264	63.0	50.5	75.7





#71

Phenanthrene

Concen: 53.717 ng

RT: 17.316 min Scan# 2436

Delta R.T. 0.017 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

Tgt Ion:178 Resp: 524704

Ion Ratio Lower Upper

178 100

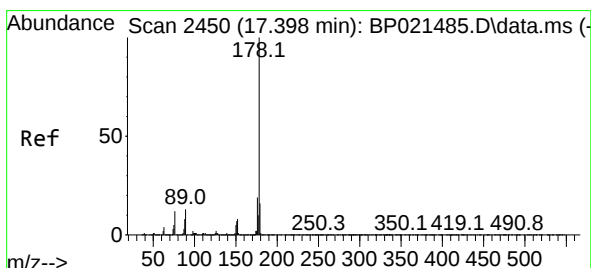
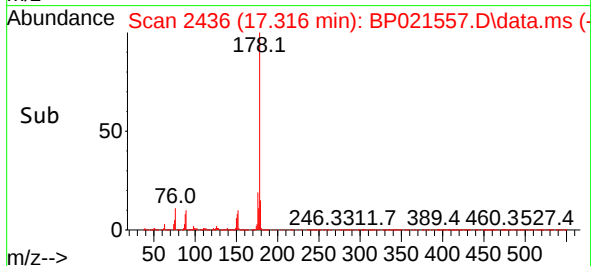
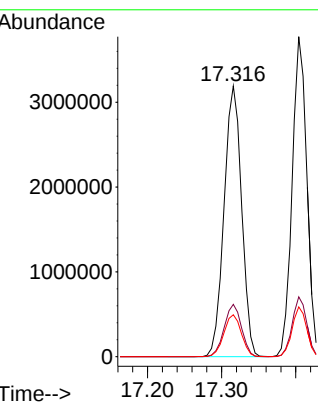
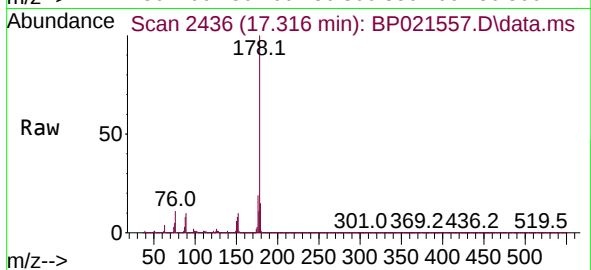
176 19.3 15.4 23.2

179 15.5 12.4 18.6

Manual Integrations

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



#72

Anthracene

Concen: 54.261 ng

RT: 17.404 min Scan# 2451

Delta R.T. 0.006 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

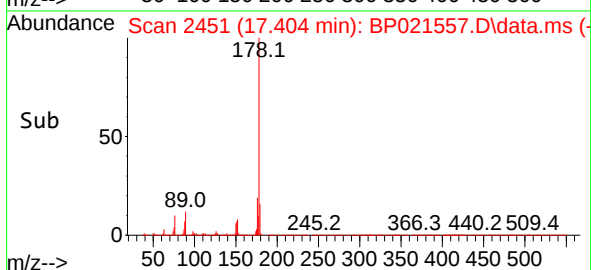
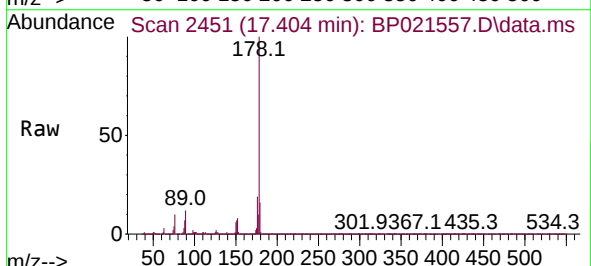
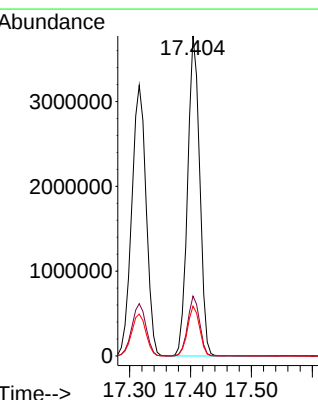
Tgt Ion:178 Resp: 5198022

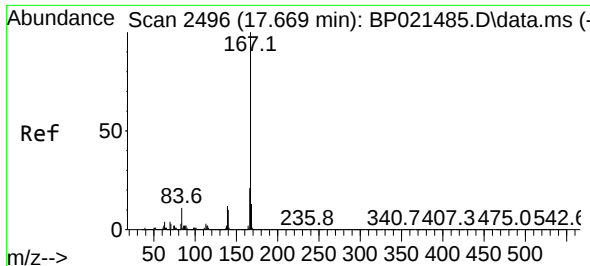
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

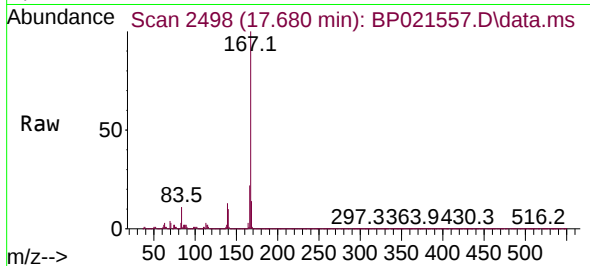
179 15.6 12.5 18.7





#73
Carbazole
Concen: 52.538 ng
RT: 17.680 min Scan# 2496
Delta R.T. 0.012 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

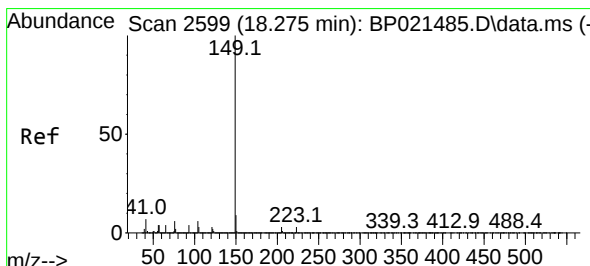
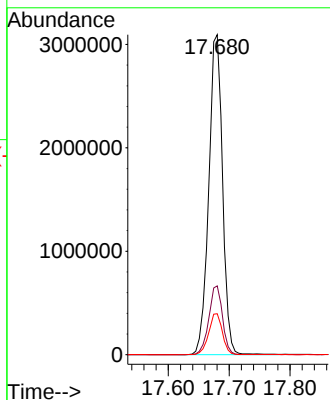
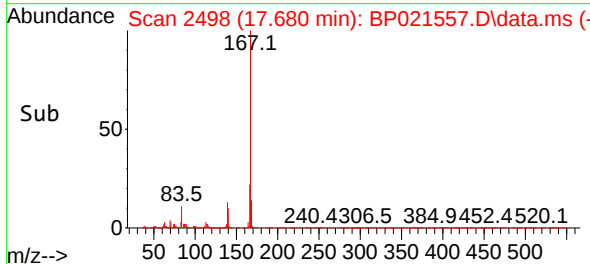
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



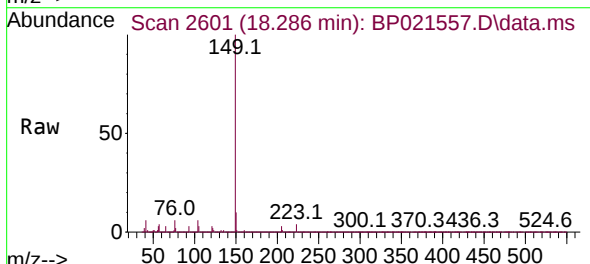
Tgt Ion:167 Resp: 4850390
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.4
139 12.8 9.9 14.9

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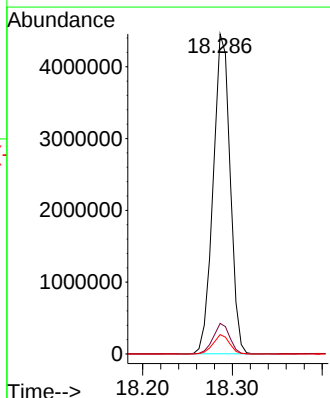
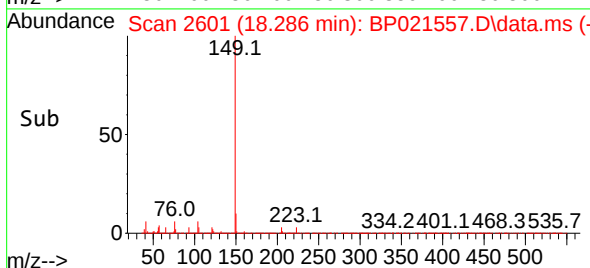
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

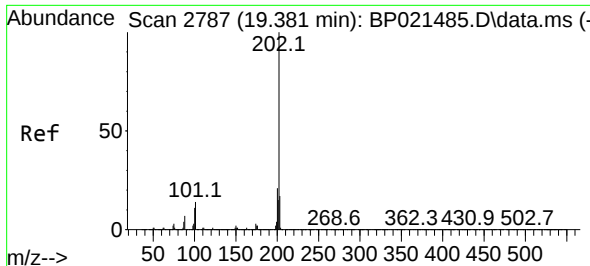


#74
Di-n-butylphthalate
Concen: 51.499 ng
RT: 18.286 min Scan# 2601
Delta R.T. 0.012 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27



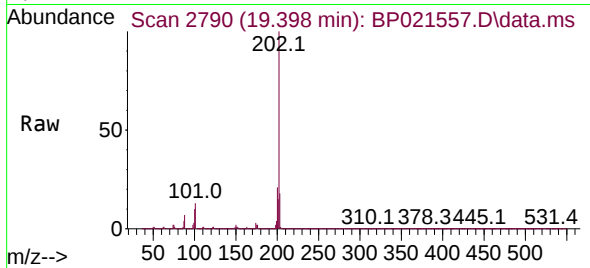
Tgt Ion:149 Resp: 5839100
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 6.0 4.9 7.3





#75
Fluoranthene
Concen: 52.043 ng
RT: 19.398 min Scan# 21
Delta R.T. 0.017 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

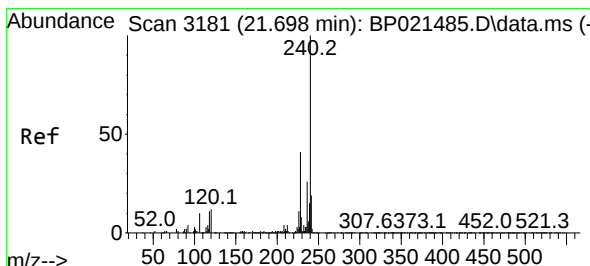
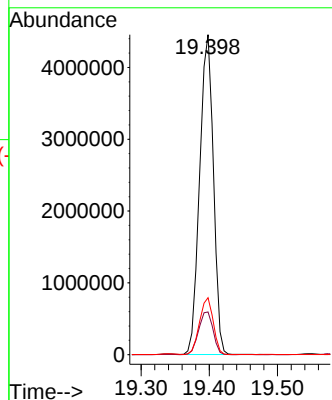
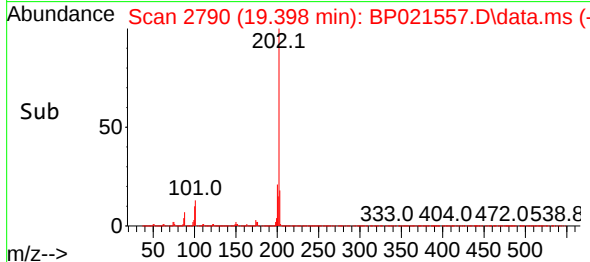
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



Tgt Ion:202 Resp: 623739
Ion Ratio Lower Upper
202 100
101 13.3 0.0 34.0
203 17.8 0.0 37.5

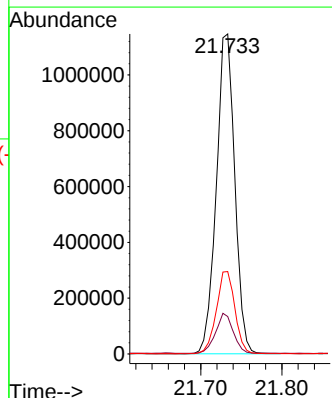
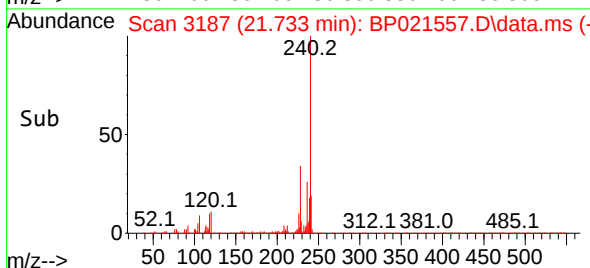
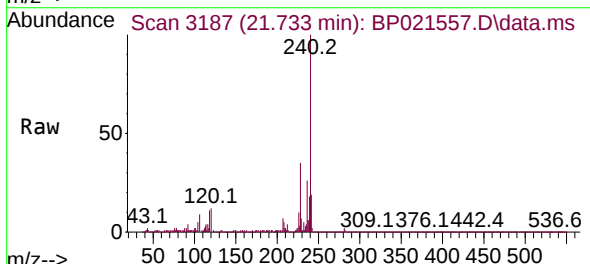
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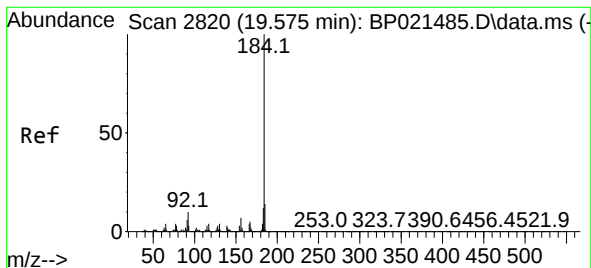
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3187
Delta R.T. 0.035 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

Tgt Ion:240 Resp: 1811609
Ion Ratio Lower Upper
240 100
120 11.7 9.9 14.9
236 25.7 20.6 30.8





#77

Benzidine

Concen: 51.236 ng

RT: 19.580 min Scan# 210411

Delta R.T. 0.005 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

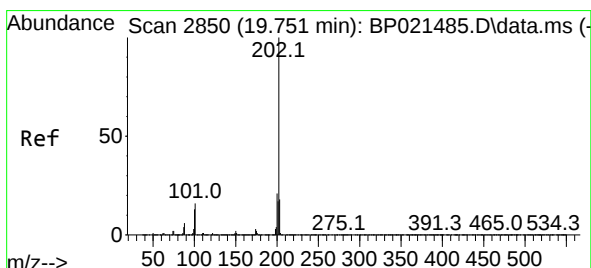
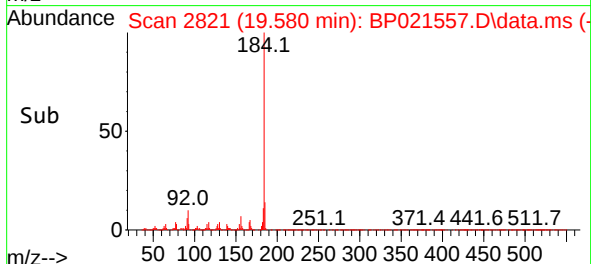
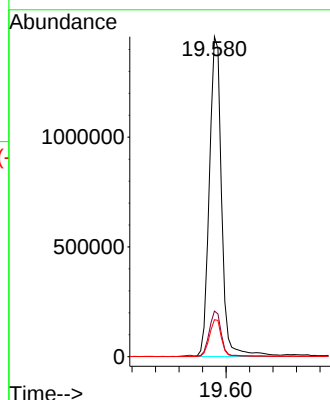
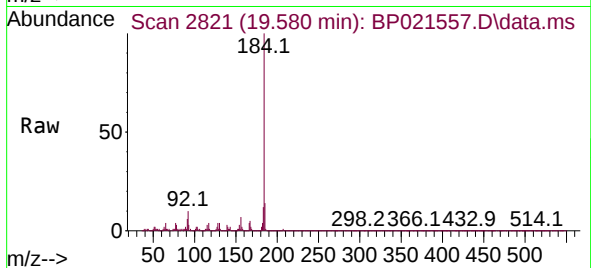
Tgt Ion:184 Resp: 210411

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.4	17.0
183	11.5	9.3	13.9

Manual Integrations

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



#78

Pyrene

Concen: 55.442 ng

RT: 19.769 min Scan# 2853

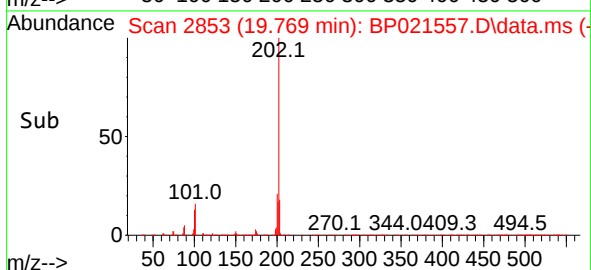
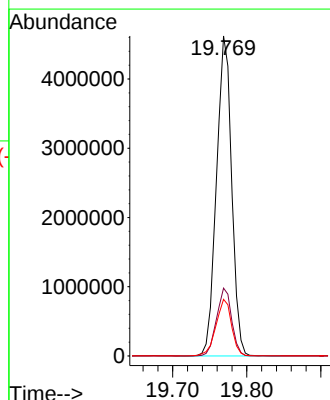
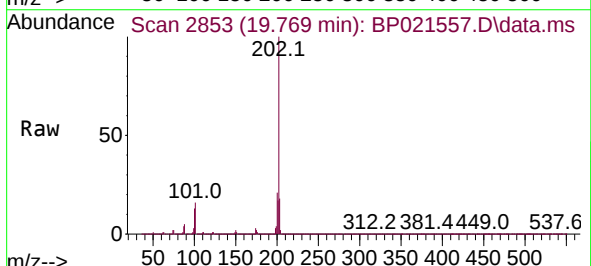
Delta R.T. 0.017 min

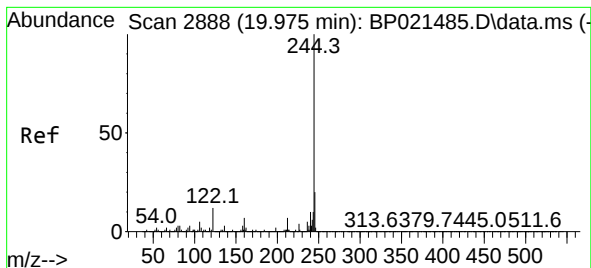
Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Tgt Ion:202 Resp: 6564849

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.7	14.1	21.1





#79

Terphenyl-d14

Concen: 41.246 ng

RT: 19.980 min Scan# 21

Delta R.T. 0.005 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

Tgt Ion:244 Resp: 384619

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

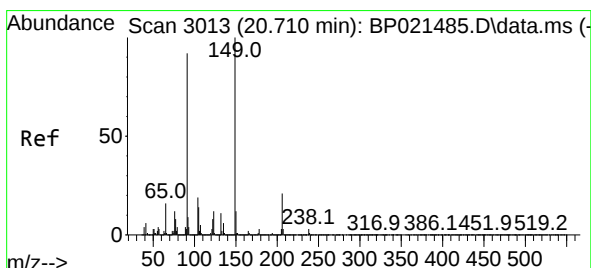
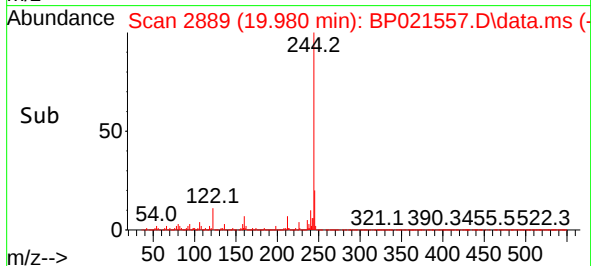
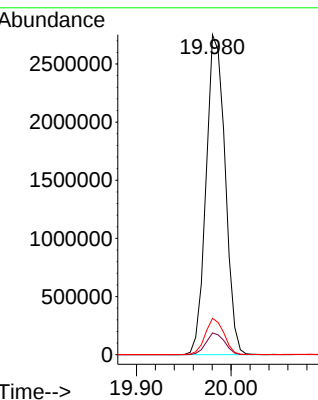
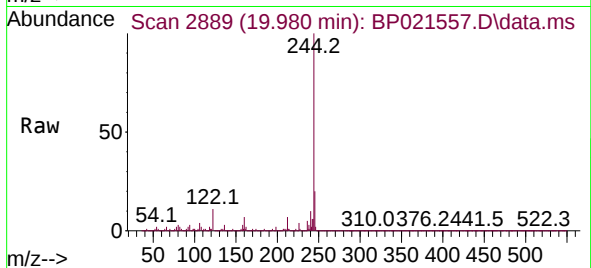
122 11.4 9.4 14.2

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Reviewed By :Jagrut Upadhyay 08/20/2024

Supervised By :mohammad ahmed 08/21/2024



#80

Butylbenzylphthalate

Concen: 56.717 ng

RT: 20.721 min Scan# 3015

Delta R.T. 0.011 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

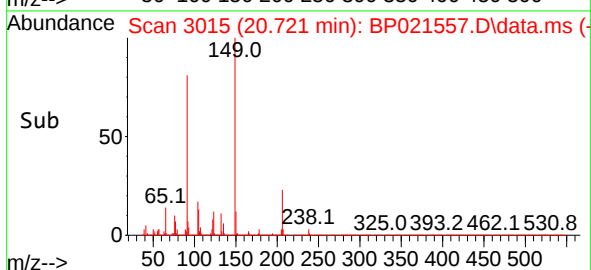
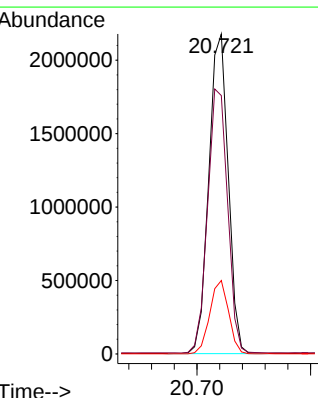
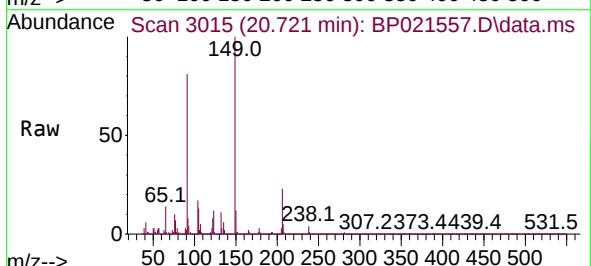
Tgt Ion:149 Resp: 2580677

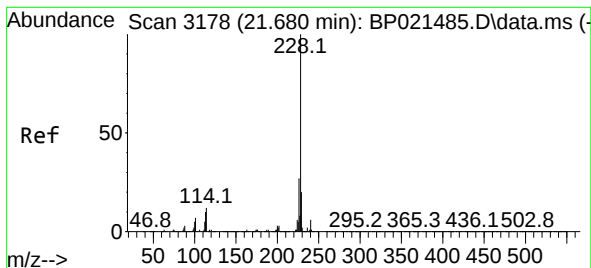
Ion Ratio Lower Upper

149 100

91 80.7 73.3 109.9

206 23.0 17.1 25.7





#81

Benzo(a)anthracene

Concen: 55.388 ng

RT: 21.710 min Scan# 3178

Delta R.T. 0.029 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

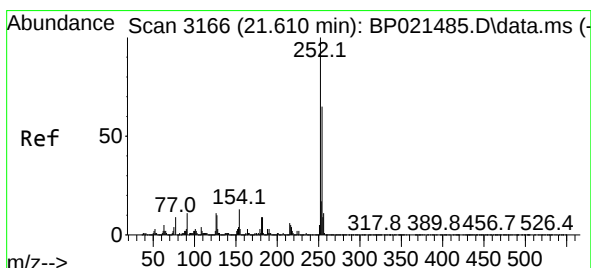
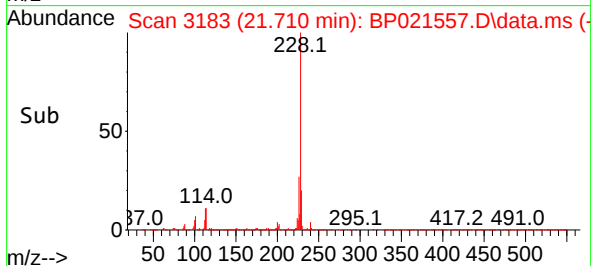
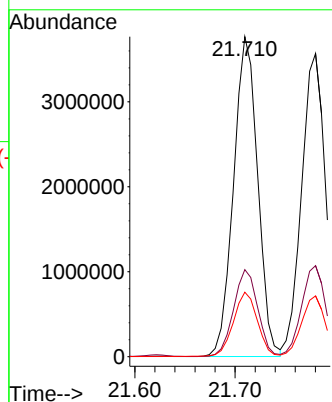
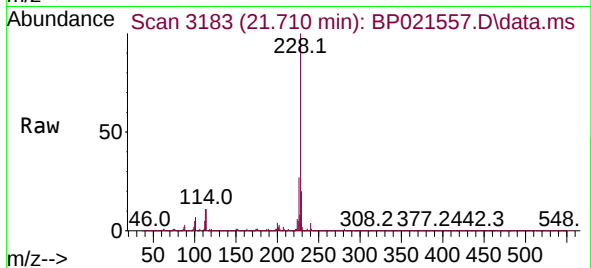
Tgt Ion:228 Resp: 629905

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.4	32.2
229	20.1	15.8	23.6

Manual Integrations

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



#82

3,3'-Dichlorobenzidine

Concen: 53.482 ng

RT: 21.621 min Scan# 3168

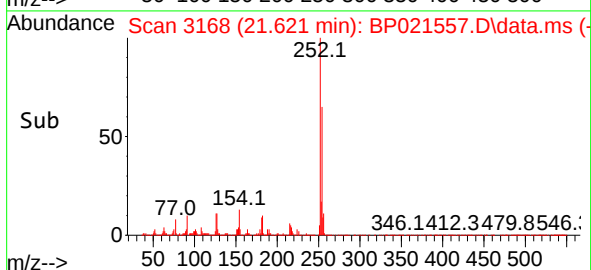
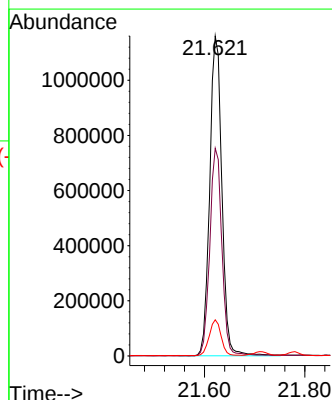
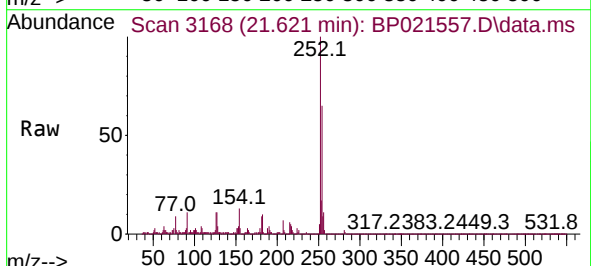
Delta R.T. 0.012 min

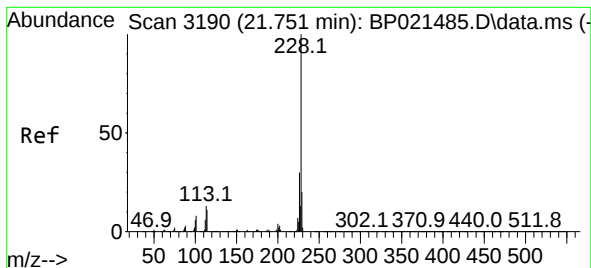
Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Tgt Ion:252 Resp: 1950144

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.7	77.5
126	11.3	8.7	13.1





#83

Chrysene

Concen: 54.512 ng

RT: 21.780 min Scan# 3190

Delta R.T. 0.029 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

Tgt Ion:228 Resp: 585316

Ion Ratio Lower Upper

228 100

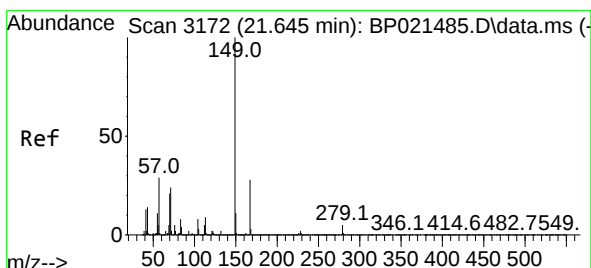
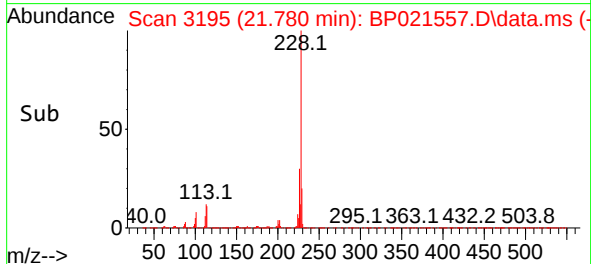
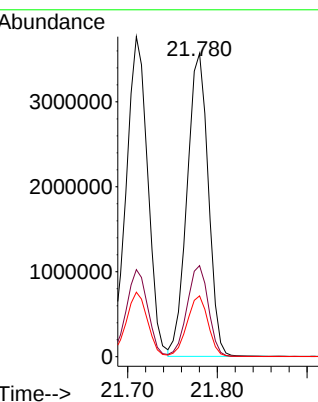
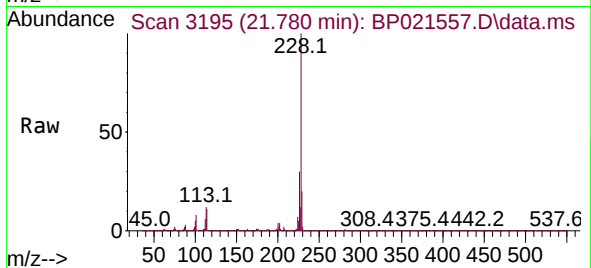
226 30.0 23.9 35.9

229 20.1 15.8 23.6

Manual Integrations

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.276 ng

RT: 21.657 min Scan# 3174

Delta R.T. 0.012 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

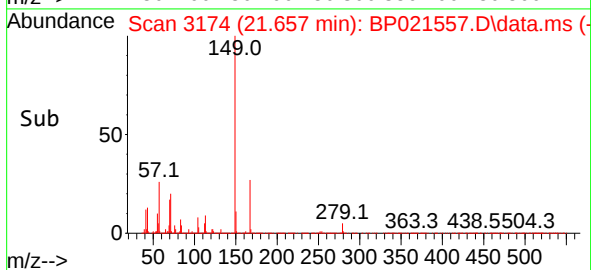
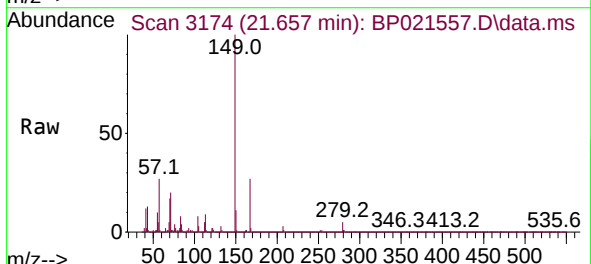
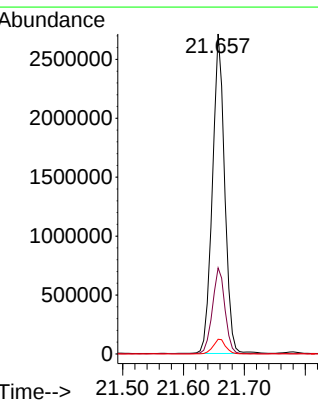
Tgt Ion:149 Resp: 3782673

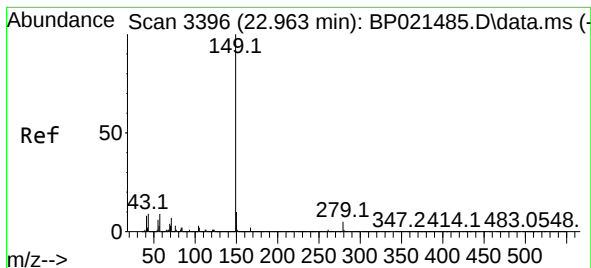
Ion Ratio Lower Upper

149 100

167 26.9 22.3 33.5

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 55.691 ng

RT: 22.980 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP021557.D

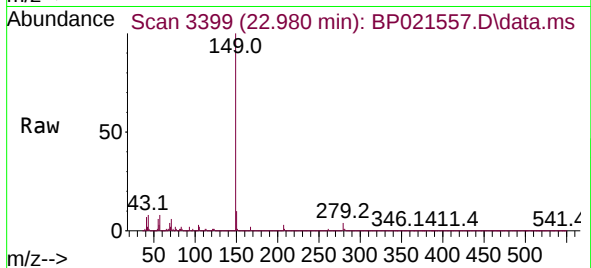
Acq: 19 Aug 2024 17:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS



Tgt Ion:149 Resp: 667742

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

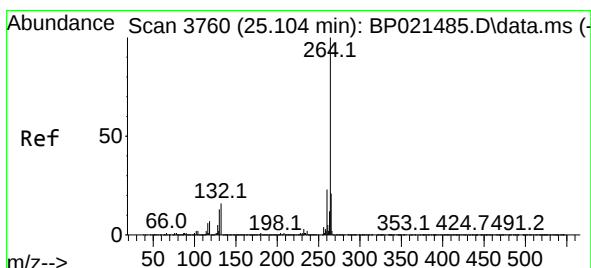
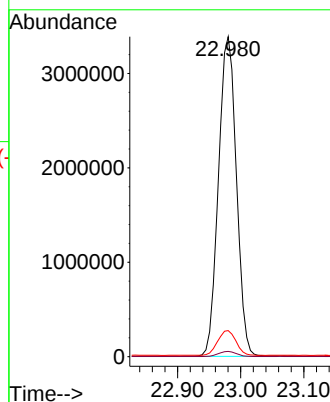
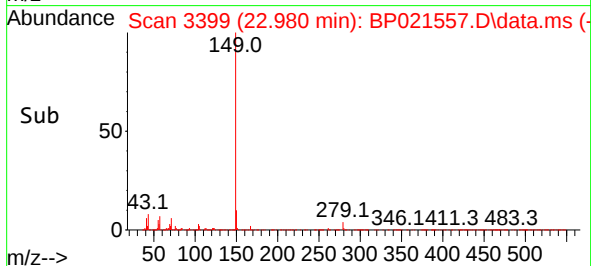
43 7.9 7.3 10.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/20/2024

Supervised By :mohammad ahmed 08/21/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.174 min Scan# 3772

Delta R.T. 0.070 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

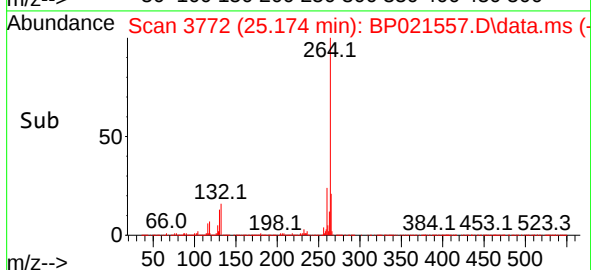
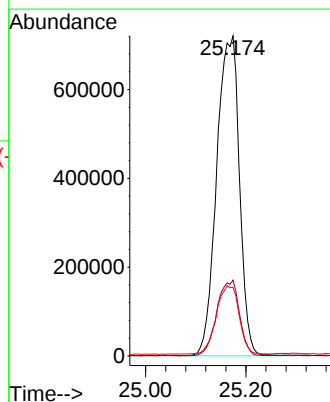
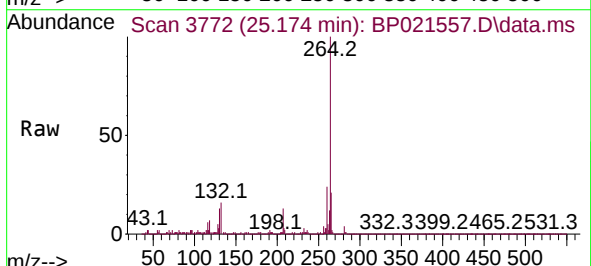
Tgt Ion:264 Resp: 2263954

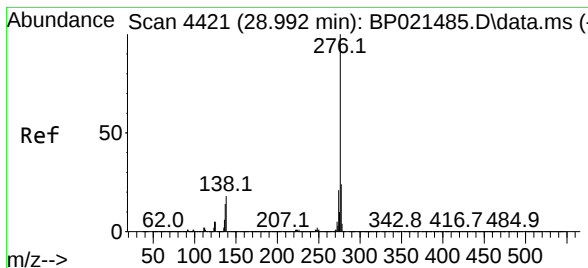
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.803 ng m

RT: 29.074 min Scan# 4421

Delta R.T. 0.082 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

Tgt Ion:276 Resp: 8189179

Ion Ratio Lower Upper

276 100

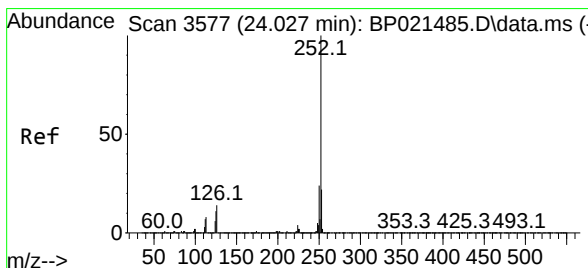
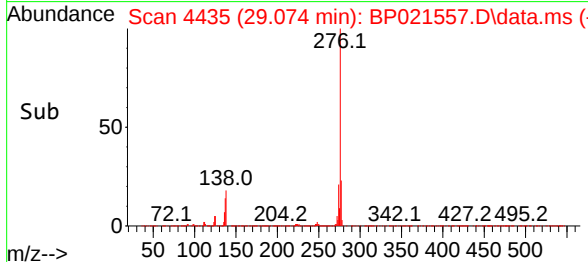
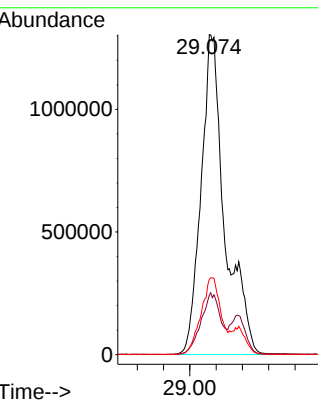
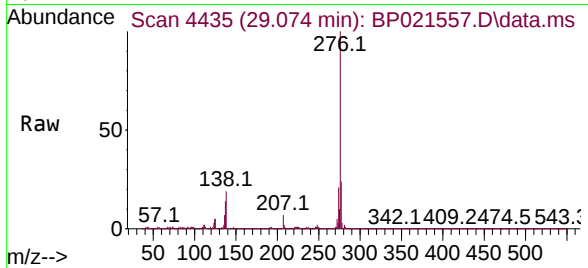
138 16.2 12.8 19.2

277 19.8 16.5 24.7

Manual Integrations

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



#88

Benzo(b)fluoranthene

Concen: 51.649 ng

RT: 24.080 min Scan# 3586

Delta R.T. 0.053 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

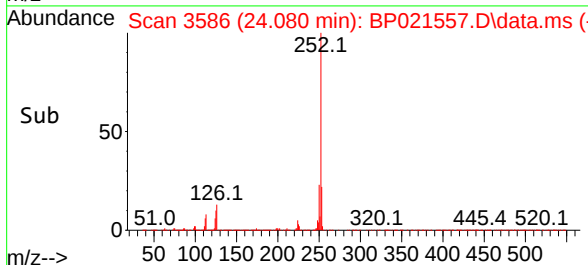
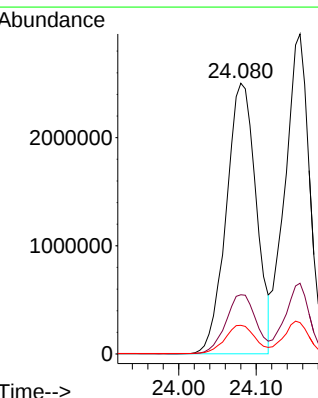
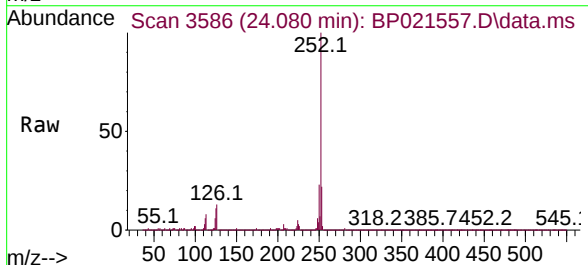
Tgt Ion:252 Resp: 6715641

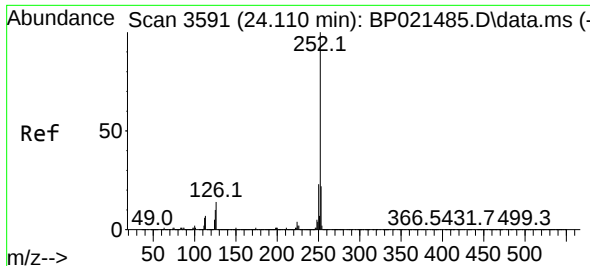
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

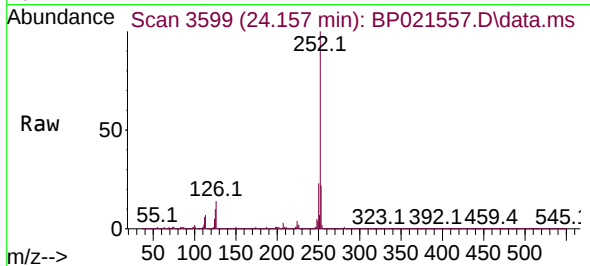
125 10.6 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 51.314 ng
RT: 24.157 min Scan# 3599
Delta R.T. 0.047 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27

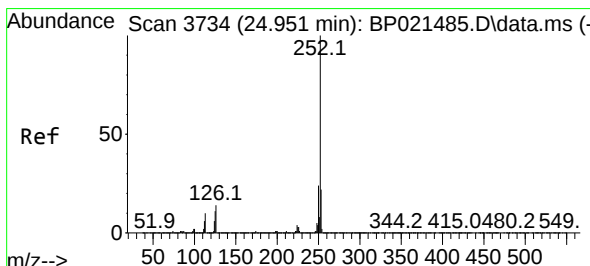
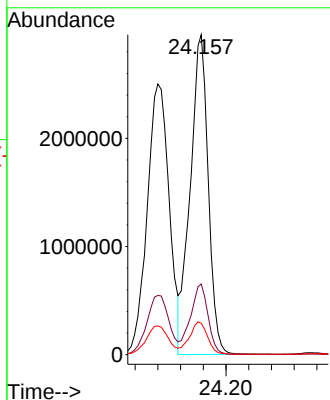
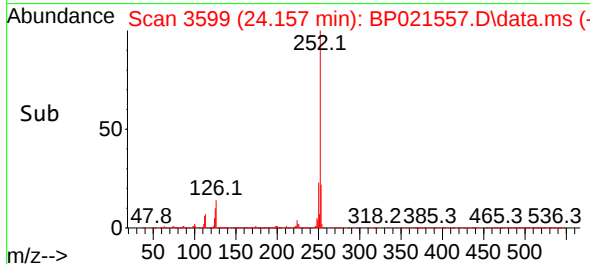
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS



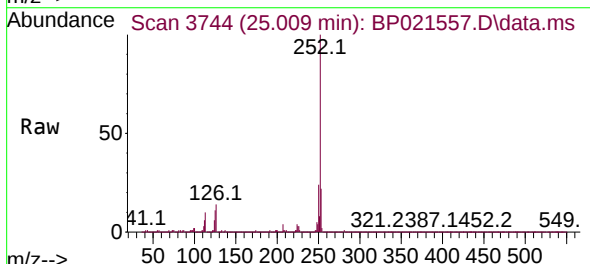
Tgt Ion:252 Resp: 650857
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.8 7.8 11.8

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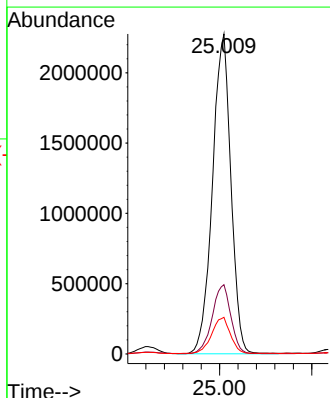
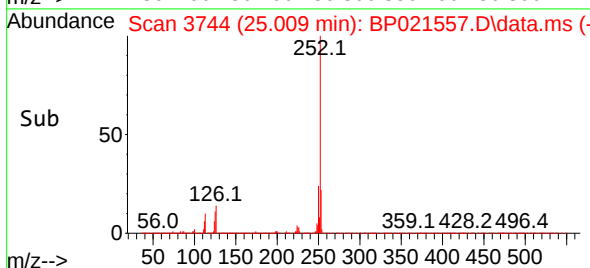
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

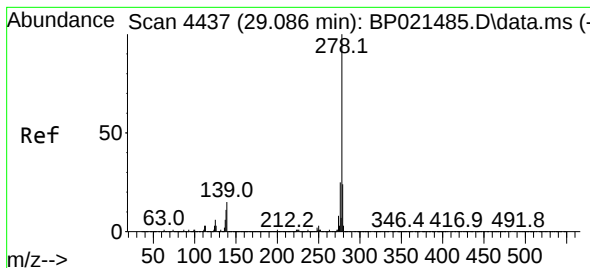


#90
Benzo(a)pyrene
Concen: 55.912 ng
RT: 25.009 min Scan# 3744
Delta R.T. 0.059 min
Lab File: BP021557.D
Acq: 19 Aug 2024 17:27



Tgt Ion:252 Resp: 6308879
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: 53.551 ng

RT: 29.186 min Scan# 4437

Delta R.T. 0.100 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

Tgt Ion:278 Resp: 6529749

Ion Ratio Lower Upper

278 100

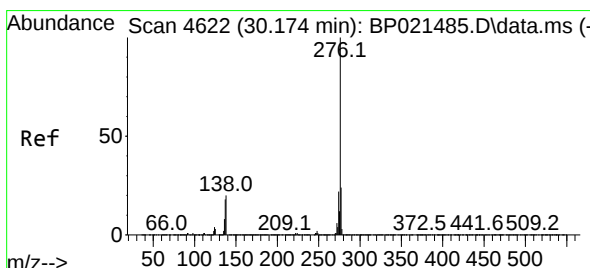
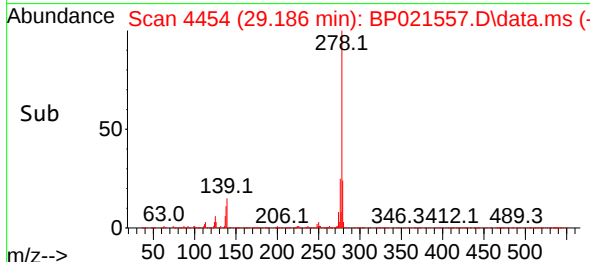
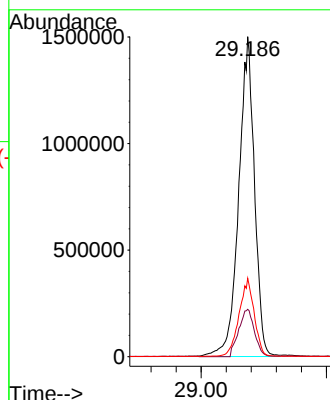
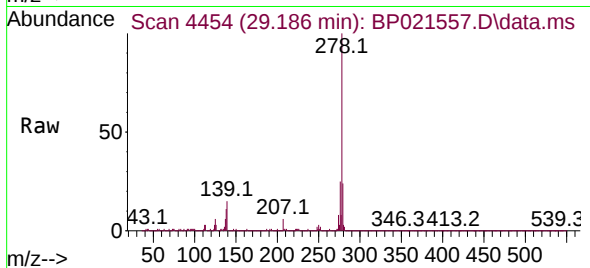
139 14.8 12.2 18.4

279 24.5 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: 52.126 ng

RT: 30.292 min Scan# 4642

Delta R.T. 0.117 min

Lab File: BP021557.D

Acq: 19 Aug 2024 17:27

Tgt Ion:276 Resp: 6370452

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.6

138 20.5 16.0 24.0

