

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
 Data File : BP021552.D
 Acq On : 19 Aug 2024 13:32
 Operator : RC/JU
 Sample : PB162717BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162717BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 19 14:00:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	436259	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1811554	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1208514	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2583716	20.000	ng	0.01
76) Chrysene-d12	21.733	240	2417793	20.000	ng	0.04
86) Perylene-d12	25.162	264	2661942	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	4103343	139.662	ng	0.01
7) Phenol-d6	6.975	99	5595735	130.561	ng	0.01
23) Nitrobenzene-d5	8.957	82	3335866	95.046	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	2054798	152.770	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	6336142	80.015	ng	0.00
79) Terphenyl-d14	19.992	244	10923167	87.769	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	402849	28.918	ng	100
3) Pyridine	3.711	79	1137200m	29.241	ng	
4) n-Nitrosodimethylamine	3.617	42	494352	42.291	ng	91
6) Aniline	7.134	93	1248178	29.131	ng	97
8) 2-Chlorophenol	7.375	128	1442616	53.133	ng	95
9) Benzaldehyde	6.946	77	489327m	17.831	ng	
10) Phenol	6.999	94	2160620	48.682	ng	97
11) bis(2-Chloroethyl)ether	7.228	93	1589549	42.327	ng	97
12) 1,3-Dichlorobenzene	7.699	146	1414660	43.864	ng	97
13) 1,4-Dichlorobenzene	7.846	146	1432866	43.999	ng	98
14) 1,2-Dichlorobenzene	8.157	146	1393884	44.415	ng	99
15) Benzyl Alcohol	8.040	79	1475379	47.977	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1494630	43.217	ng	97
17) 2-Methylphenol	8.240	107	1398862	49.856	ng	98
18) Hexachloroethane	8.887	117	588433	45.059	ng	99
19) n-Nitroso-di-n-propyla...	8.604	70	1149957	38.842	ng	95
20) 3+4-Methylphenols	8.563	107	1934684	51.138	ng	98
22) Acetophenone	8.622	105	2223891	39.960	ng	# 97
24) Nitrobenzene	8.999	77	1728631	45.348	ng	92
25) Isophorone	9.522	82	3395168	40.947	ng	97
26) 2-Nitrophenol	9.704	139	712203	63.425	ng	94
27) 2,4-Dimethylphenol	9.769	122	1111444	54.316	ng	97
28) bis(2-Chloroethoxy)met...	9.999	93	2166423	42.804	ng	99
29) 2,4-Dichlorophenol	10.240	162	1352252	55.931	ng	97
30) 1,2,4-Trichlorobenzene	10.457	180	1343907	43.357	ng	98
31) Naphthalene	10.646	128	4177421	44.142	ng	100
32) Benzoic acid	9.910	122	1082806	68.602	ng	93
33) 4-Chloroaniline	10.746	127	965320	27.155	ng	96
34) Hexachlorobutadiene	10.940	225	806020	41.299	ng	99
35) Caprolactam	11.528	113	516587	51.334	ng	90
36) 4-Chloro-3-methylphenol	11.875	107	1784932	53.222	ng	97
37) 2-Methylnaphthalene	12.257	142	2890021	44.745	ng	99
38) 1-Methylnaphthalene	12.475	142	2692489	42.267	ng	100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1439400	40.650	ng	99
41) Hexachlorocyclopentadiene	12.616	237	1254739	111.804	ng	99
43) 2,4,6-Trichlorophenol	12.863	196	1104232	56.139	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	1192173	54.552	ng	98
46) 1,1'-Biphenyl	13.275	154	3512219	41.077	ng	98
47) 2-Chloronaphthalene	13.316	162	2925091	43.942	ng	99
48) 2-Nitroaniline	13.510	65	1049951	55.389	ng	88
49) Acenaphthylene	14.169	152	4845546	49.516	ng	100
50) Dimethylphthalate	13.904	163	3872418	47.847	ng	100
51) 2,6-Dinitrotoluene	14.010	165	835963	50.933	ng	93
52) Acenaphthene	14.516	154	3333084m	51.911	ng	
53) 3-Nitroaniline	14.339	138	674010	42.487	ng	# 94
54) 2,4-Dinitrophenol	14.557	184	906548	123.493	ng	# 86
55) Dibenzofuran	14.857	168	4605822	46.631	ng	99
56) 4-Nitrophenol	14.663	139	1576580	115.078	ng	# 82
57) 2,4-Dinitrotoluene	14.816	165	1196941	56.628	ng	86
58) Fluorene	15.522	166	3613459	44.532	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	1089275	58.724	ng	99
60) Diethylphthalate	15.292	149	3882836	46.758	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	1815597	43.286	ng	98
62) 4-Nitroaniline	15.534	138	873343	52.630	ng	92
63) Azobenzene	15.816	77	4270627	41.837	ng	96
65) 4,6-Dinitro-2-methylph...	15.592	198	626992	69.124	ng	98
66) n-Nitrosodiphenylamine	15.734	169	3260279	47.087	ng	99
67) 4-Bromophenyl-phenylether	16.428	248	1236006	45.201	ng	100
68) Hexachlorobenzene	16.557	284	1444083	44.687	ng	99
69) Atrazine	16.710	200	1050904	44.207	ng	99
70) Pentachlorophenol	16.904	266	1916075	108.635	ng	99
71) Phenanthrene	17.298	178	5895214	47.444	ng	100
72) Anthracene	17.398	178	5939142	48.737	ng	100
73) Carbazole	17.675	167	5640978	48.033	ng	99
74) Di-n-butylphthalate	18.286	149	6875913	47.673	ng	99
75) Fluoranthene	19.392	202	7163066	46.983	ng	99
77) Benzidine	19.580	184	1505676	26.891	ng	99
78) Pyrene	19.769	202	7403379	46.848	ng	99
80) Butylbenzylphthalate	20.721	149	3256081	53.816	ng	96
81) Benzo(a)anthracene	21.710	228	7445283	49.053	ng	99
82) 3,3'-Dichlorobenzidine	21.621	252	2144331	44.064	ng	100
83) Chrysene	21.780	228	6970897	48.645	ng	99
84) Bis(2-ethylhexyl)phtha...	21.669	149	4833902	53.885	ng	100
85) Di-n-octyl phthalate	22.986	149	8459716	53.112	ng	97
87) Indeno(1,2,3-cd)pyrene	29.068	276	9376030m	54.338	ng	
88) Benzo(b)fluoranthene	24.086	252	7894043	51.635	ng	99
89) Benzo(k)fluoranthene	24.157	252	7546849	50.604	ng	99
90) Benzo(a)pyrene	25.015	252	7283399	54.898	ng	99
91) Dibenzo(a,h)anthracene	29.180	278	7702226	53.723	ng	100
92) Benzo(g,h,i)perylene	30.303	276	7429530	51.702	ng	98

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

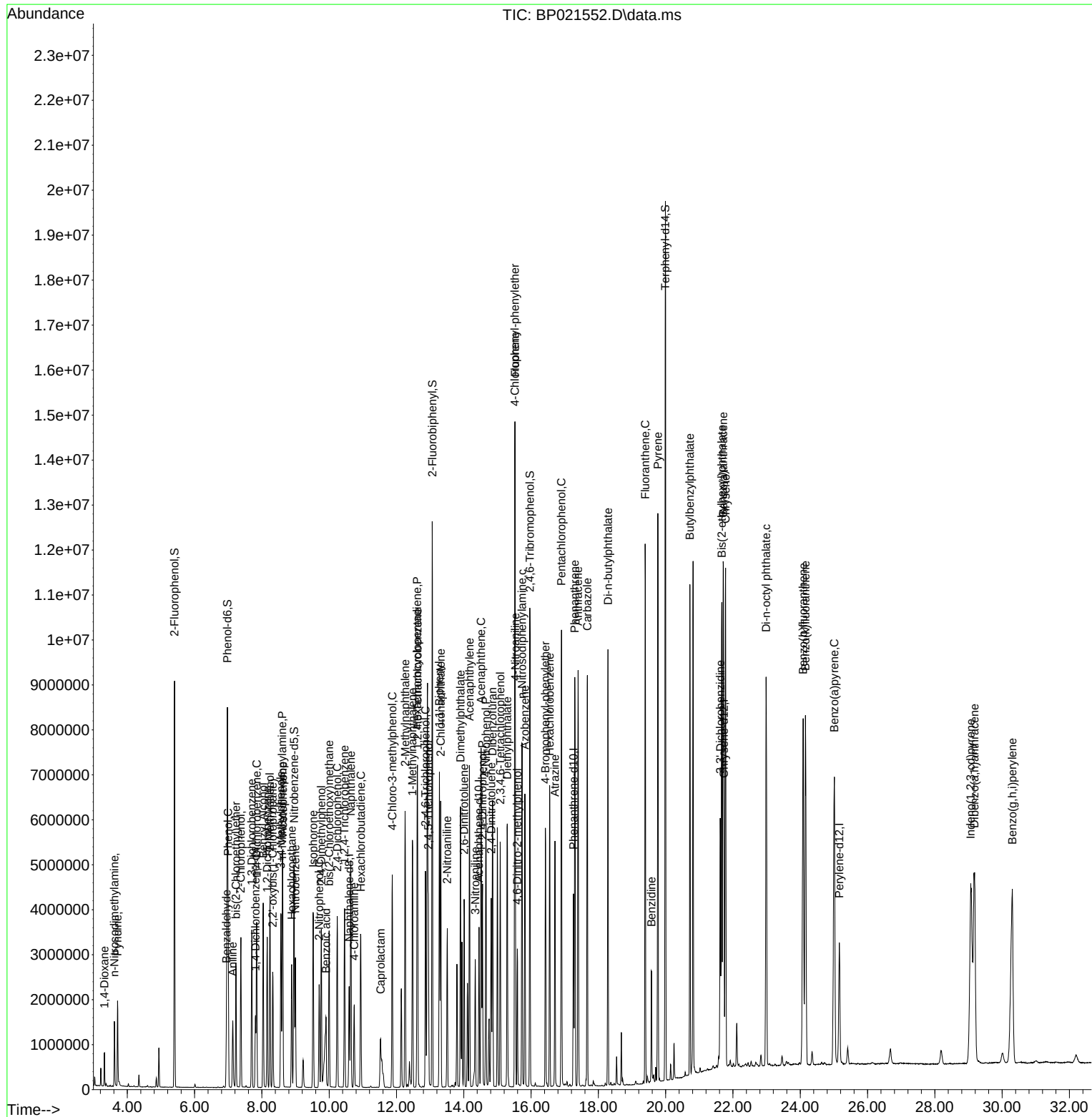
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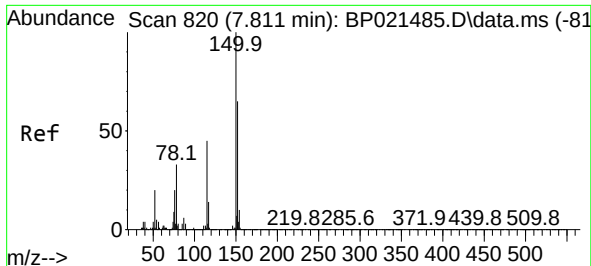
Instrument :
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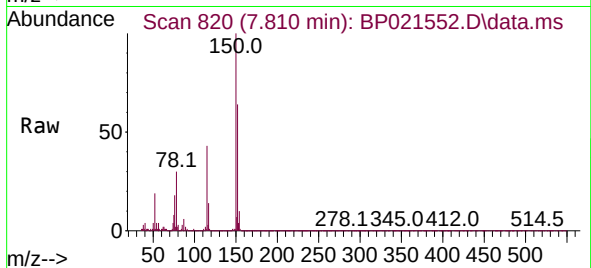
Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

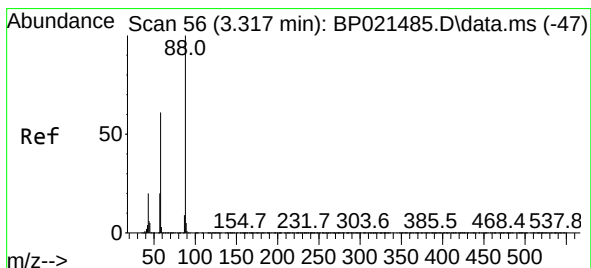
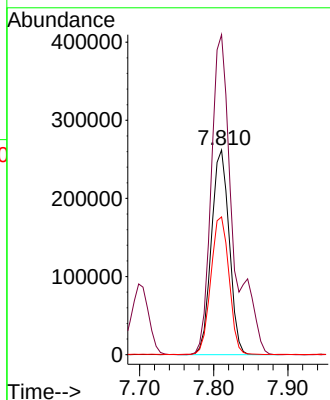
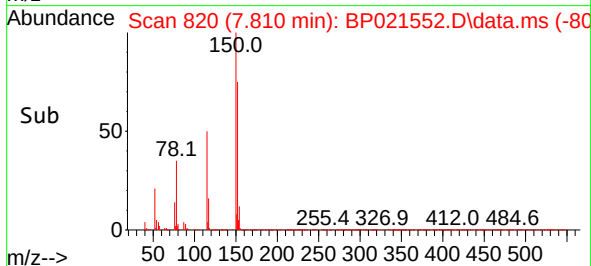
Instrument :
BNA_P
ClientSampleId :
PB162717BS



Tgt Ion:152 Resp: 436259
Ion Ratio Lower Upper
152 100
150 156.4 122.4 183.6
115 67.4 54.7 82.1

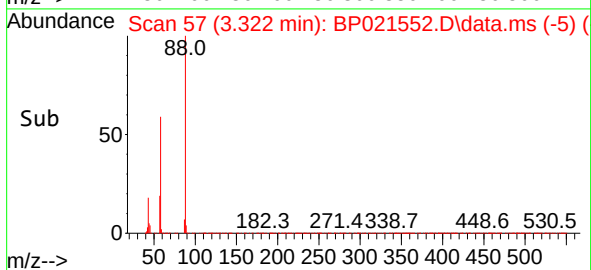
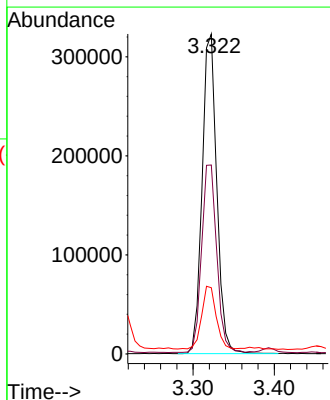
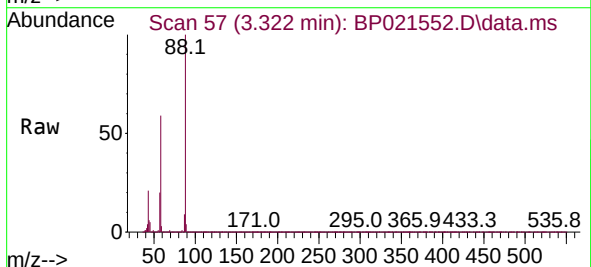
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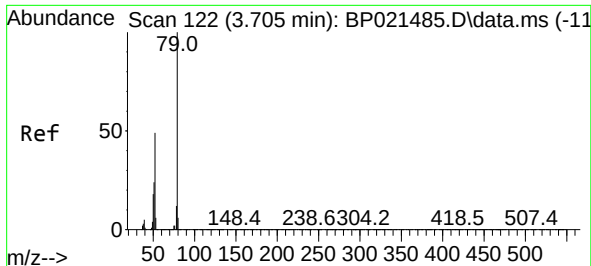
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#2
1,4-Dioxane
Concen: 28.918 ng
RT: 3.322 min Scan# 57
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Tgt Ion: 88 Resp: 402849
Ion Ratio Lower Upper
88 100
58 60.8 48.7 73.1
43 19.4 15.4 23.2





#3

Pyridine

Concen: 29.241 ng m

RT: 3.711 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion: 79 Resp: 1137200

Ion Ratio Lower Upper

79 100

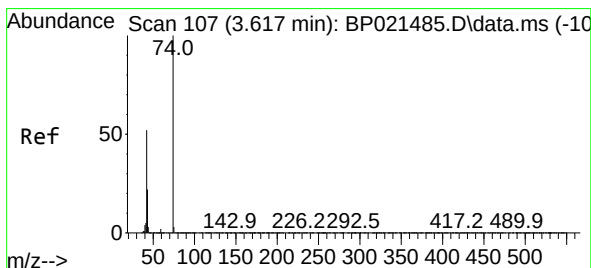
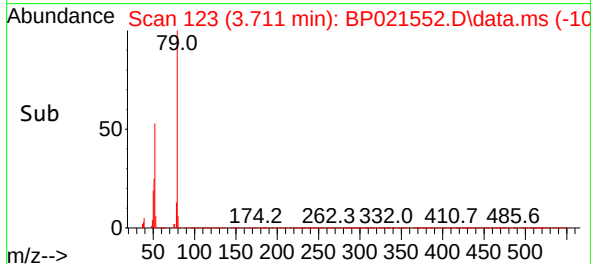
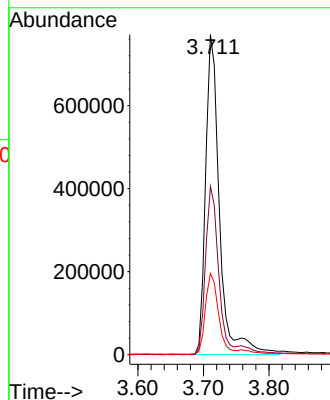
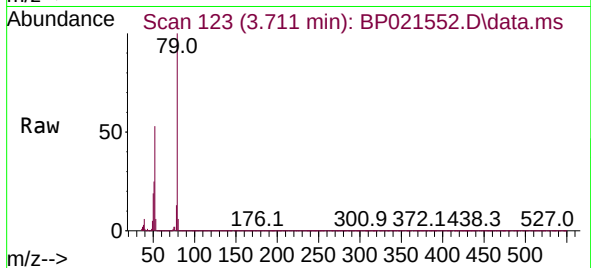
52 52.6 39.0 58.6

51 25.3 19.2 28.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 42.291 ng

RT: 3.617 min Scan# 107

Delta R.T. -0.000 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

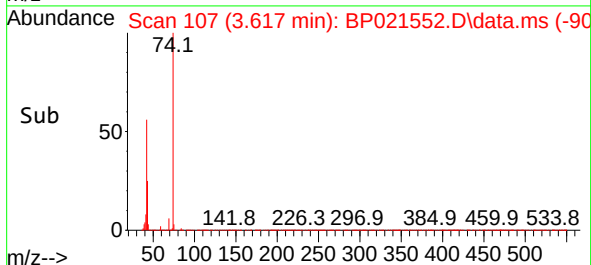
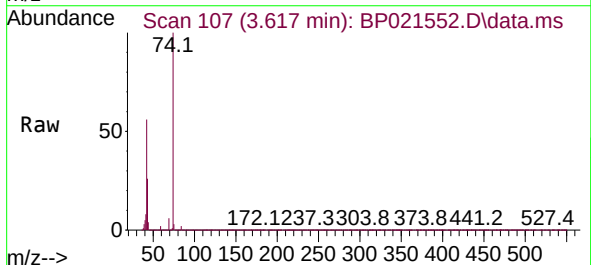
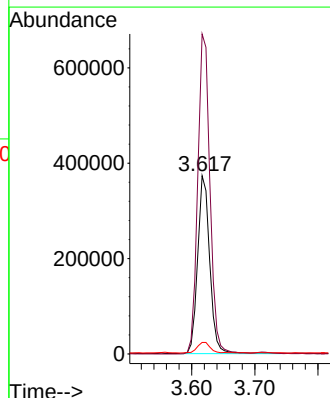
Tgt Ion: 42 Resp: 494352

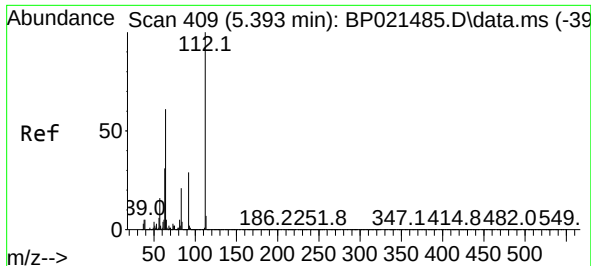
Ion Ratio Lower Upper

42 100

74 179.6 154.3 231.5

44 6.5 6.2 9.4





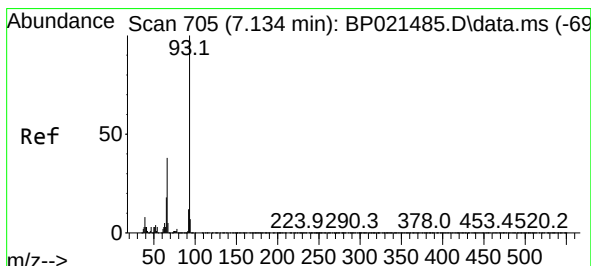
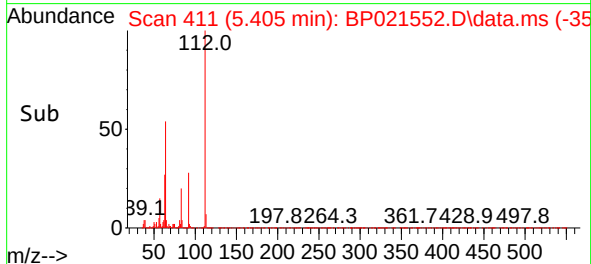
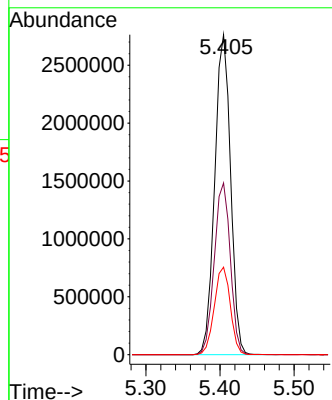
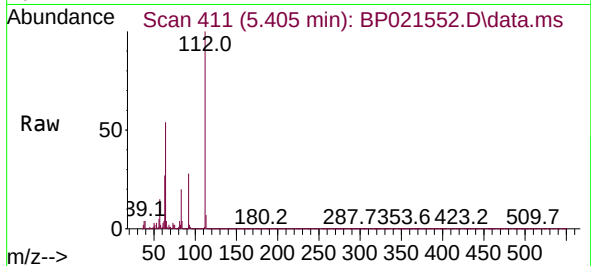
#5
2-Fluorophenol
Concen: 139.662 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Instrument :
BNA_P
ClientSampleId :
PB162717BS

Tgt Ion:112 Resp: 410334
Ion Ratio Lower Upper
112 100
64 53.6 49.0 73.6
63 27.3 24.6 36.8

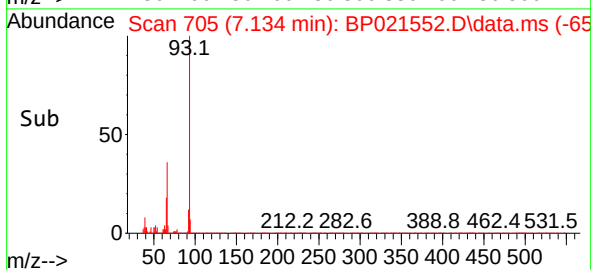
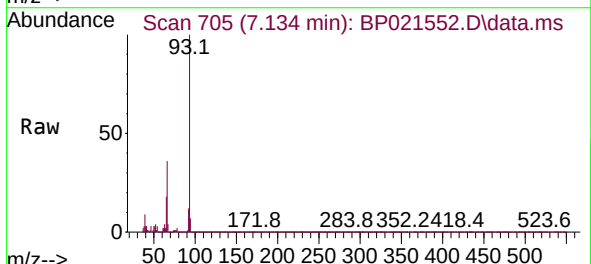
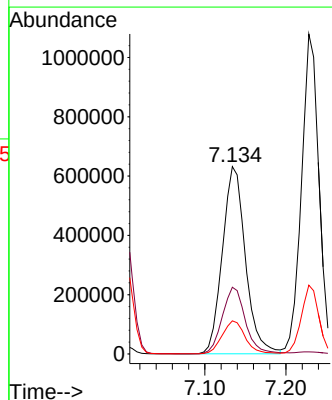
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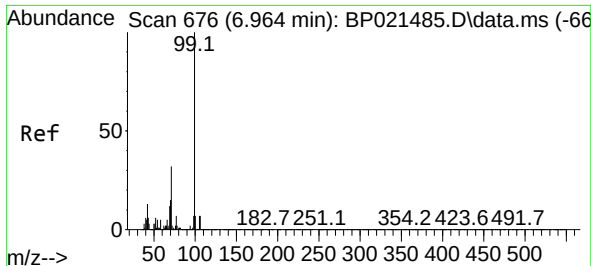
Reviewed By :Jagrut Upadhyay 08/20/2024
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#6
Aniline
Concen: 29.131 ng
RT: 7.134 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

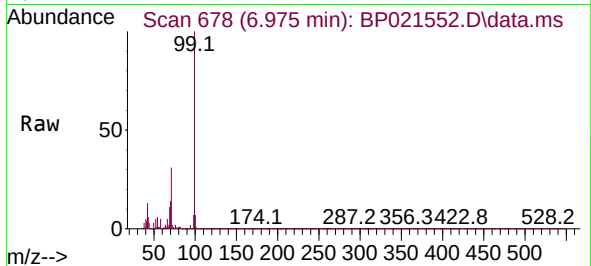
Tgt Ion: 93 Resp: 1248178
Ion Ratio Lower Upper
93 100
66 35.6 30.2 45.2
65 17.7 14.7 22.1





#7
Phenol-d6
Concen: 130.561 ng
RT: 6.975 min Scan# 678
Delta R.T. 0.012 min
Lab File: BP021552.D
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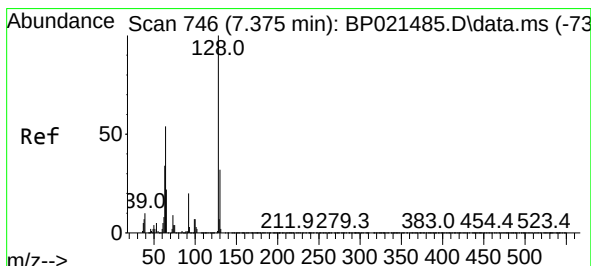
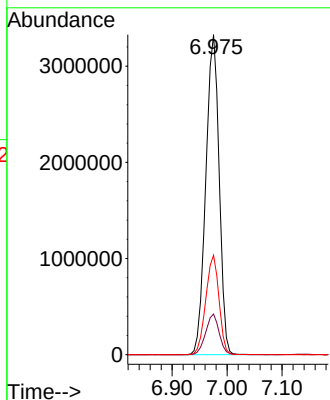
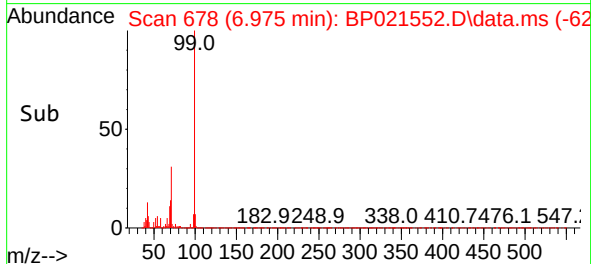
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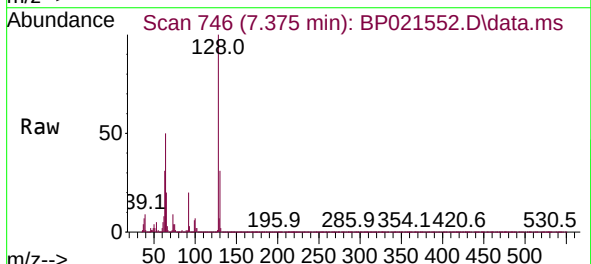
Tgt Ion: 99 Resp: 559573
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 31.1 25.8 38.8

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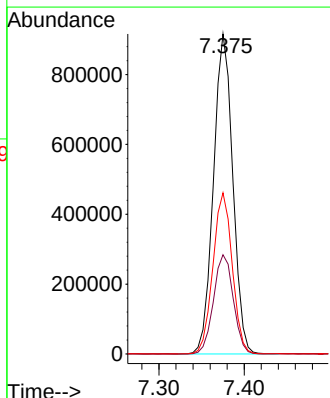
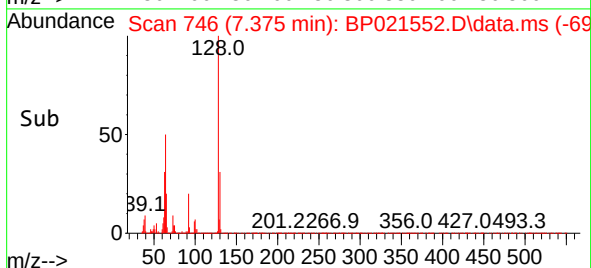
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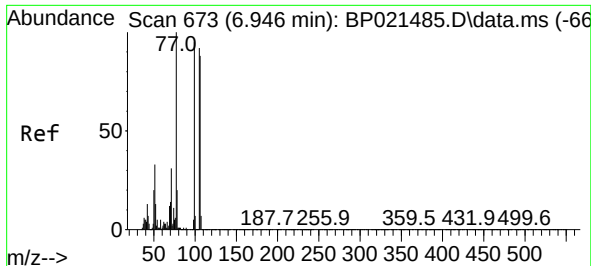


#8
2-Chlorophenol
Concen: 53.133 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32



Tgt Ion:128 Resp: 1442616
Ion Ratio Lower Upper
128 100
130 31.0 11.6 51.6
64 50.4 35.3 75.3





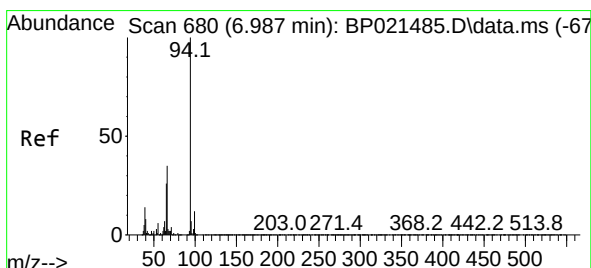
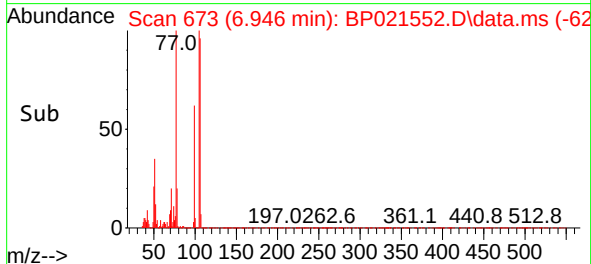
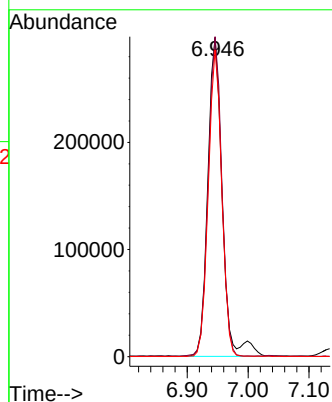
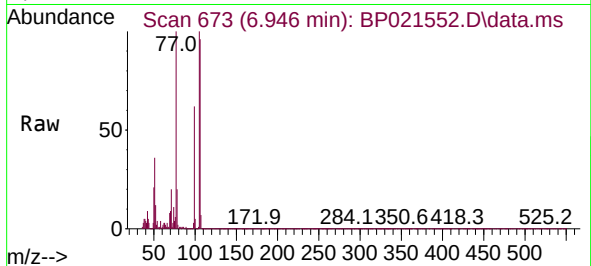
#9
Benzaldehyde
Concen: 17.831 ng m
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021552.D
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Instrument :
BNA_P
ClientSampleId :
PB162717BS

Tgt Ion: 77 Resp: 48932
Ion Ratio Lower Upper
77 100
105 100.3 72.1 112.1
106 96.2 67.9 107.9

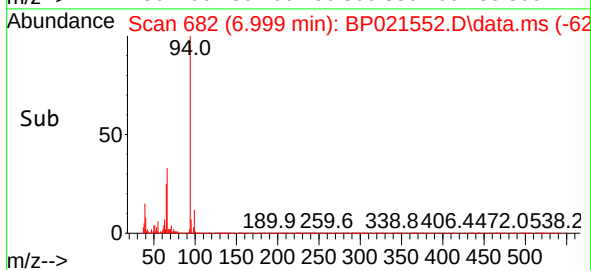
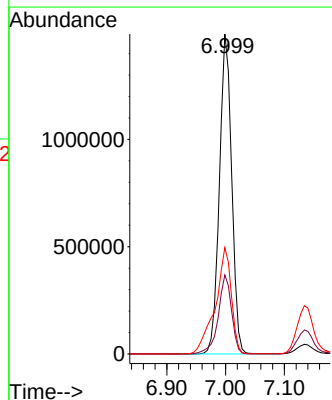
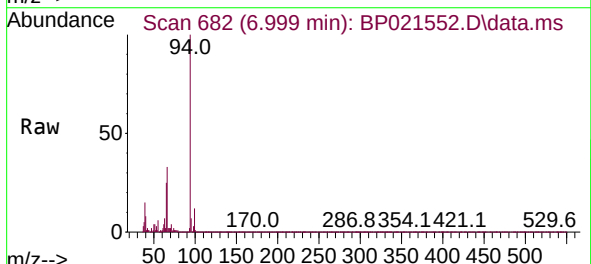
Manual Integrations
APPROVED

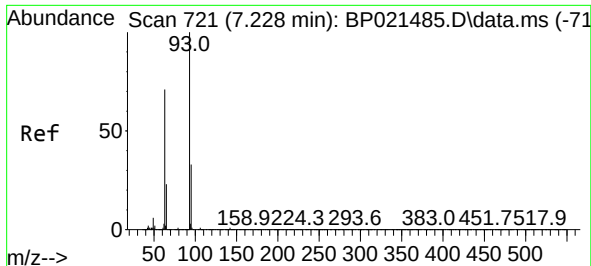
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#10
Phenol
Concen: 48.682 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

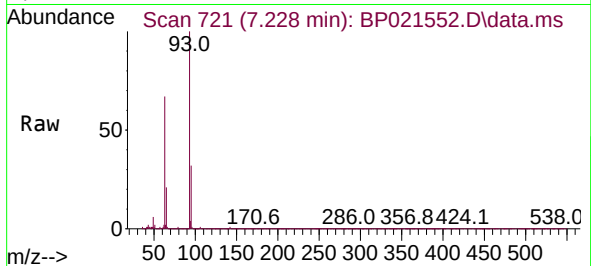
Tgt Ion: 94 Resp: 2160620
Ion Ratio Lower Upper
94 100
65 24.7 6.5 46.5
66 33.3 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 42.327 ng
RT: 7.228 min Scan# 721
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

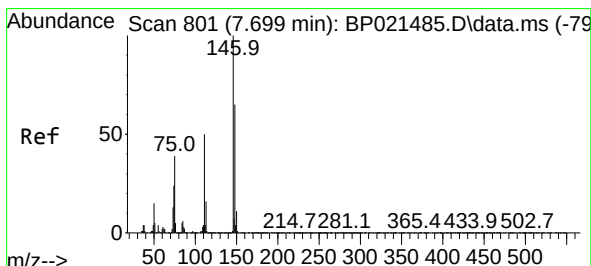
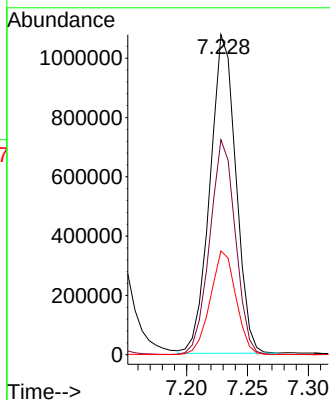
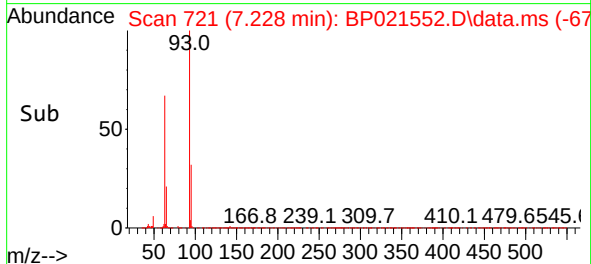
Instrument :
BNA_P
ClientSampleId :
PB162717BS



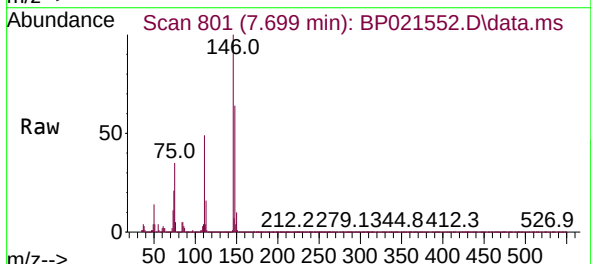
Tgt Ion: 93 Resp: 1589549
Ion Ratio Lower Upper
93 100
63 67.1 51.0 91.0
95 32.4 12.9 52.9

Manual Integrations
APPROVED

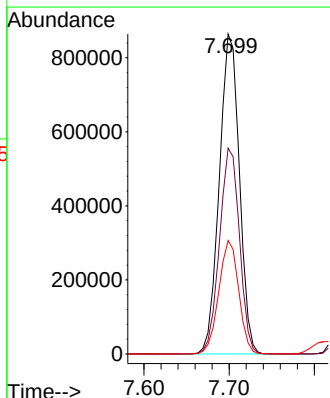
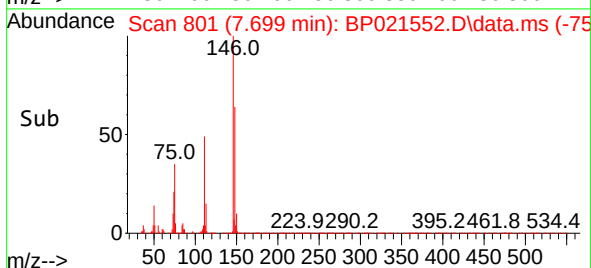
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

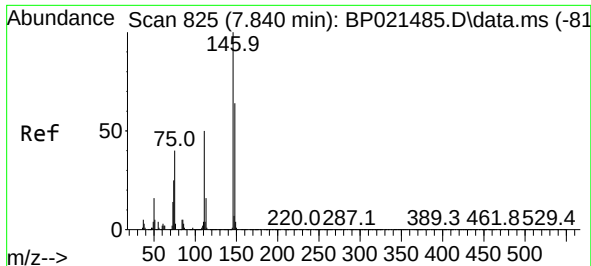


#12
1,3-Dichlorobenzene
Concen: 43.864 ng
RT: 7.699 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32



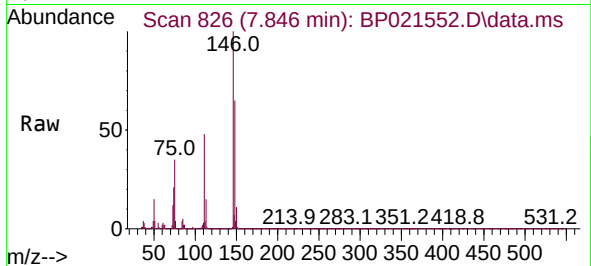
Tgt Ion:146 Resp: 1414660
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
75 35.4 31.3 46.9





#13
1,4-Dichlorobenzene
Concen: 43.999 ng
RT: 7.846 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

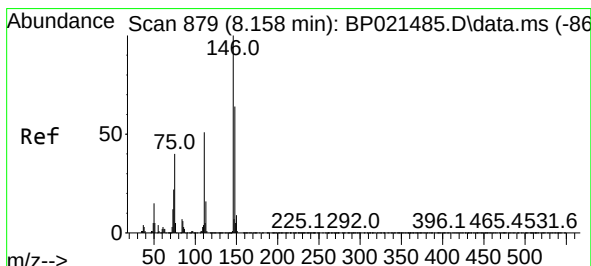
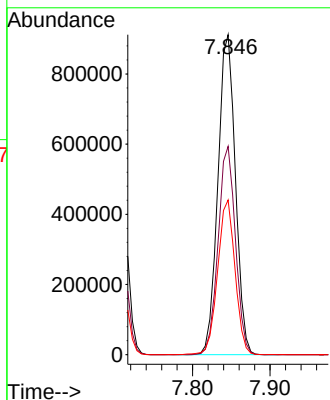
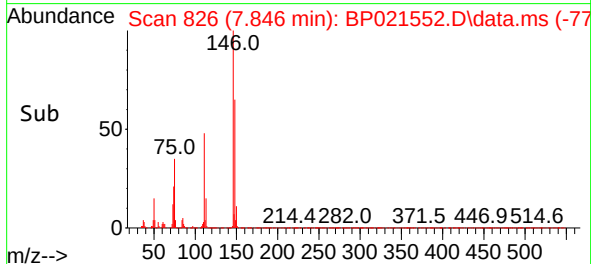
Instrument :
BNA_P
ClientSampleId :
PB162717BS



Tgt Ion:146 Resp: 143286
Ion Ratio Lower Upper
146 100
148 65.1 51.5 77.3
111 48.3 40.3 60.5

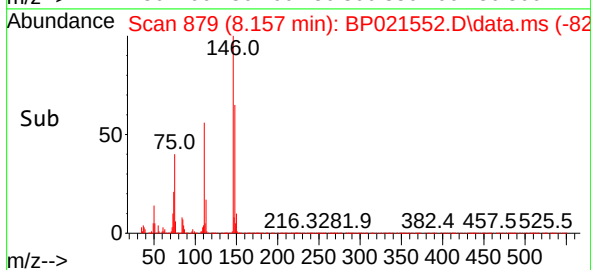
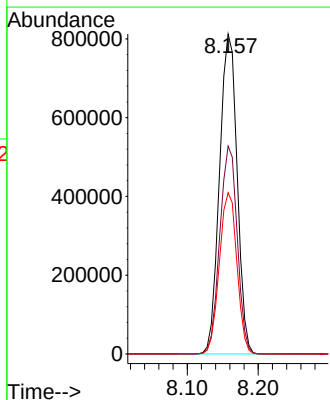
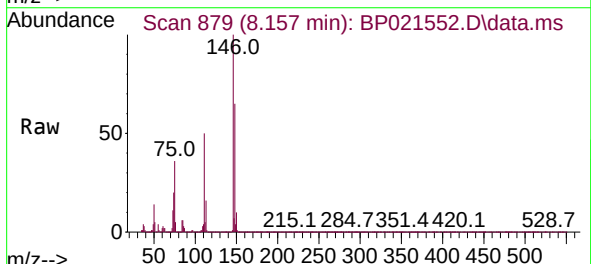
Manual Integrations
APPROVED

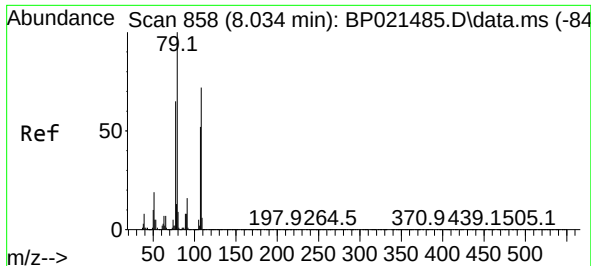
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#14
1,2-Dichlorobenzene
Concen: 44.415 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

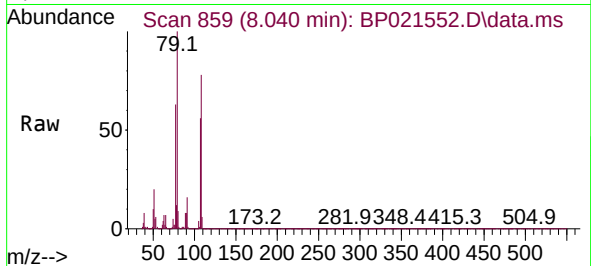
Tgt Ion:146 Resp: 1393884
Ion Ratio Lower Upper
146 100
148 65.0 51.5 77.3
111 50.4 41.1 61.7





#15
Benzyl Alcohol
Concen: 47.977 ng
RT: 8.040 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

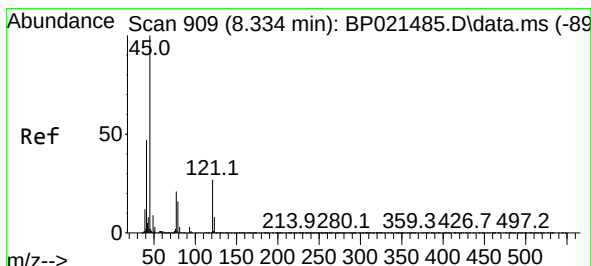
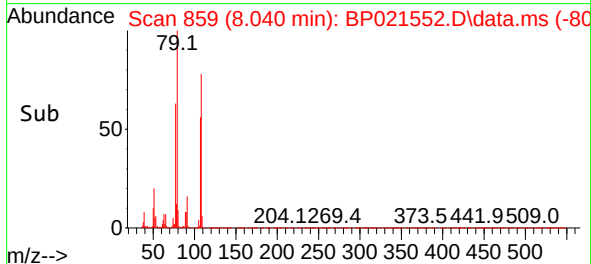
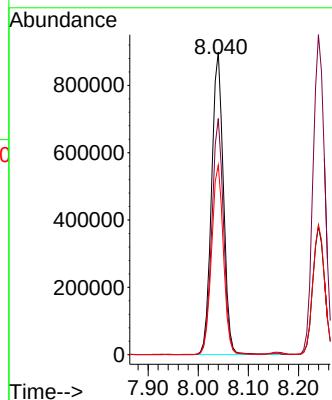
Instrument :
BNA_P
ClientSampleId :
PB162717BS



Tgt Ion: 79 Resp: 1475379
Ion Ratio Lower Upper
79 100
108 78.0 57.9 86.9
77 62.6 51.8 77.8

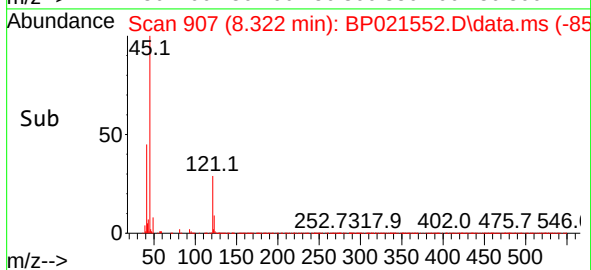
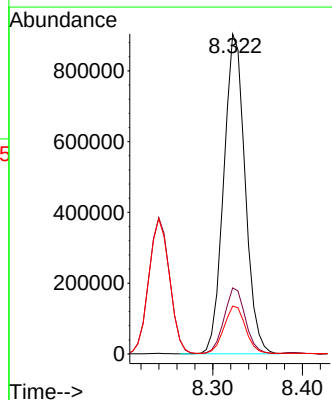
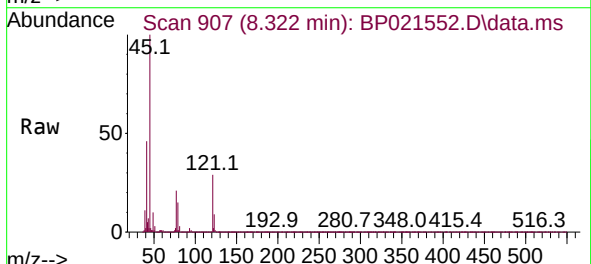
Manual Integrations
APPROVED

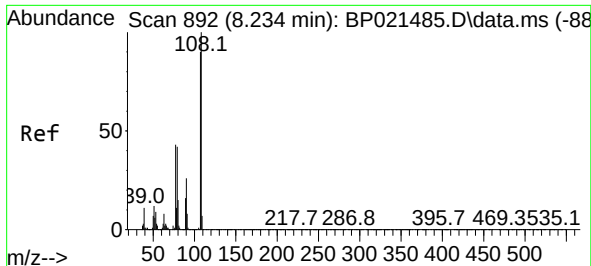
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.217 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

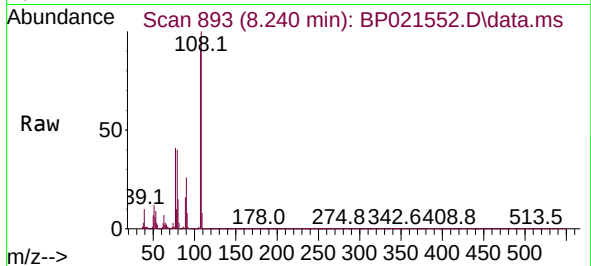
Tgt Ion: 45 Resp: 1494630
Ion Ratio Lower Upper
45 100
77 20.7 1.9 41.9
79 15.0 0.0 36.6





#17
2-Methylphenol
Concen: 49.856 ng
RT: 8.240 min Scan# 892
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

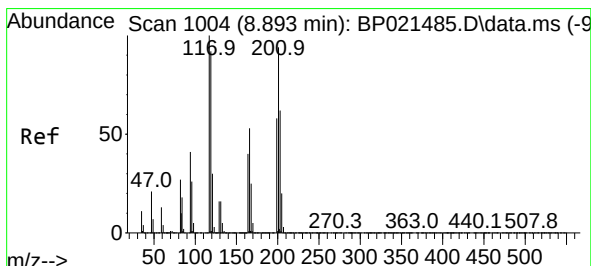
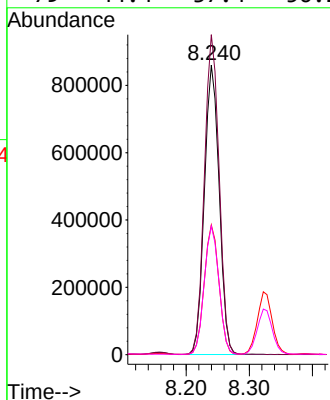
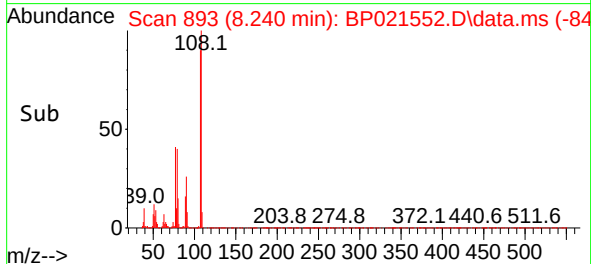
Instrument :
BNA_P
ClientSampleId :
PB162717BS



Tgt Ion:107 Resp: 1398862
Ion Ratio Lower Upper
107 100
108 110.5 88.8 133.2
77 44.8 38.7 58.1
79 44.4 37.4 56.2

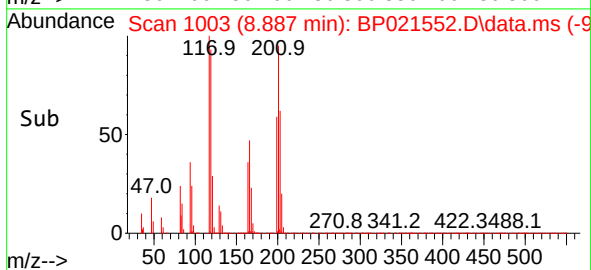
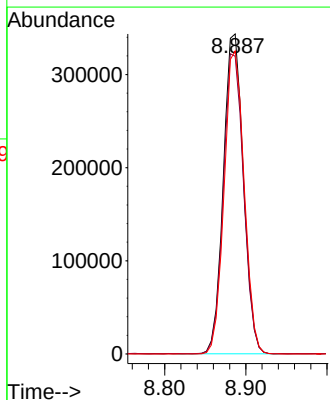
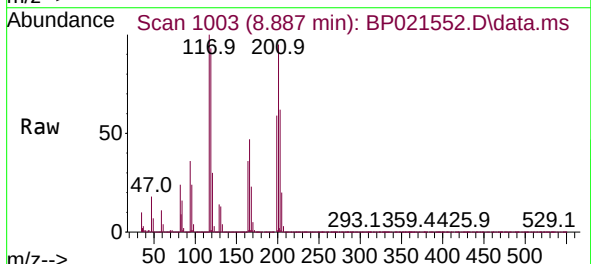
Manual Integrations
APPROVED

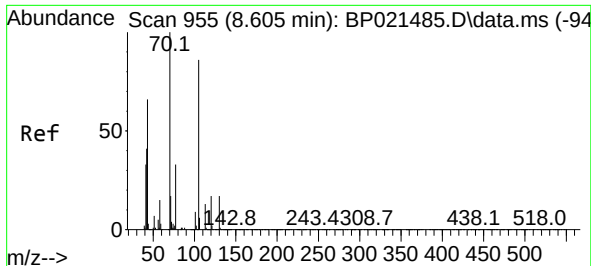
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#18
Hexachloroethane
Concen: 45.059 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

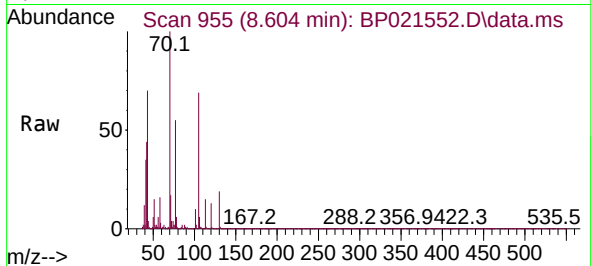
Tgt Ion:117 Resp: 588433
Ion Ratio Lower Upper
117 100
119 93.0 73.9 110.9
201 94.7 74.9 112.3





#19
n-Nitroso-di-n-propylamine
Concen: 38.842 ng
RT: 8.604 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

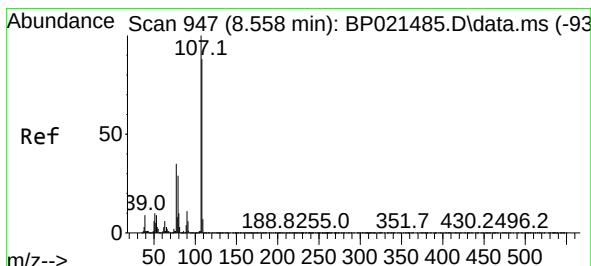
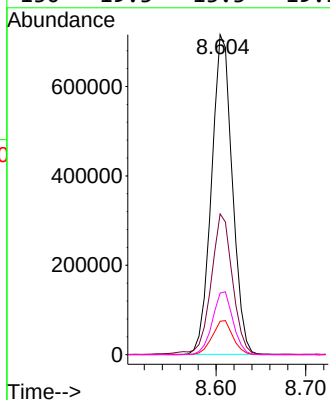
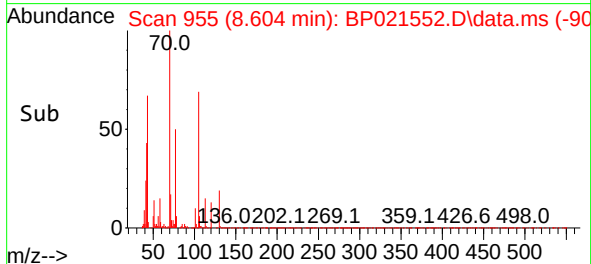
Instrument :
BNA_P
ClientSampleId :
PB162717BS



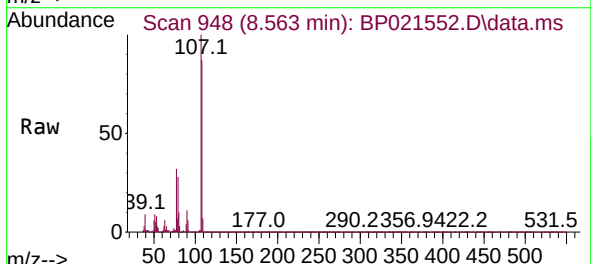
Tgt Ion: 70 Resp: 114995
Ion Ratio Lower Upper
70 100
42 44.0 33.1 49.7
101 10.5 7.4 11.2
130 19.3 13.3 19.9

Manual Integrations
APPROVED

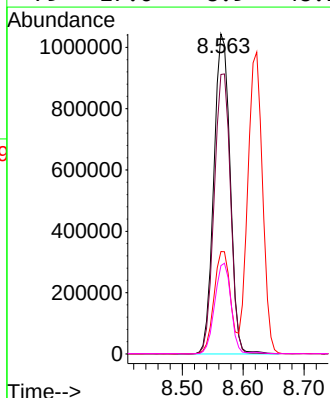
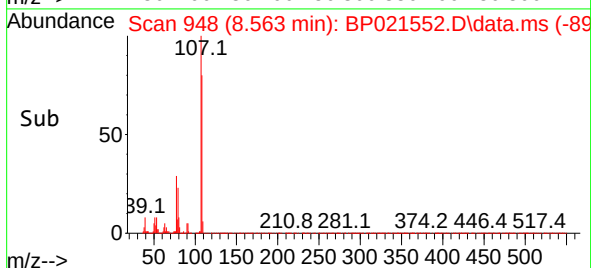
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

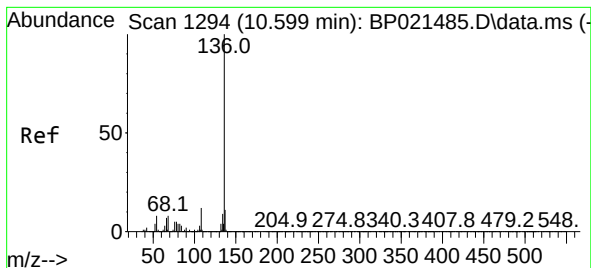


#20
3+4-Methylphenols
Concen: 51.138 ng
RT: 8.563 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32



Tgt Ion:107 Resp: 1934684
Ion Ratio Lower Upper
107 100
108 87.4 67.6 107.6
77 32.0 15.0 55.0
79 27.6 8.9 48.9





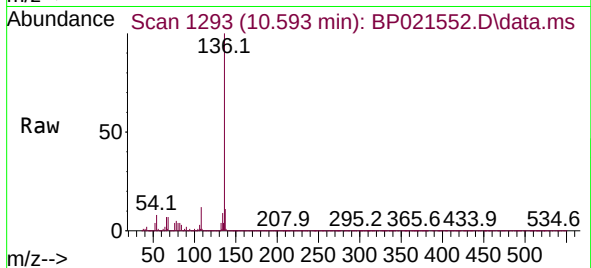
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

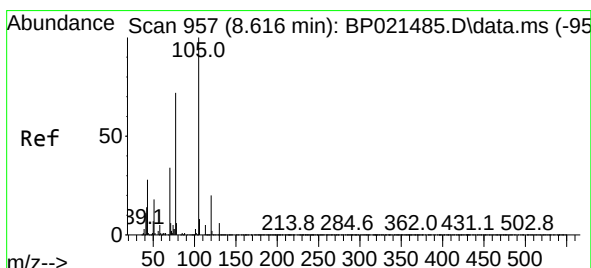
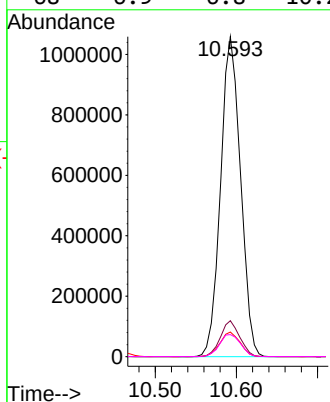
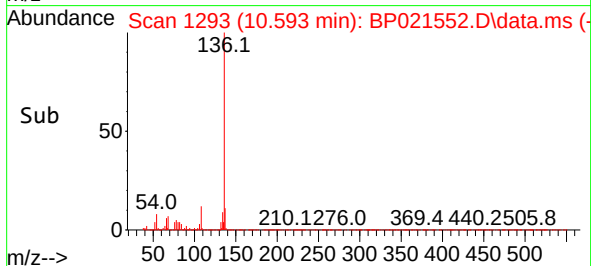


Tgt Ion:136 Resp: 1811554
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.7 6.3 9.5
68 6.9 6.8 10.2

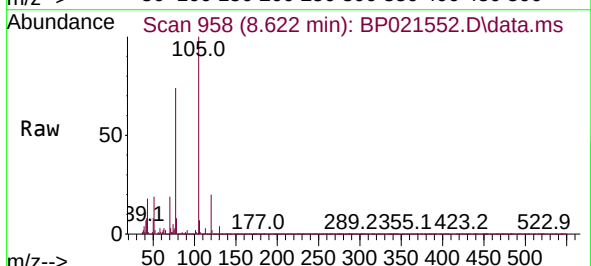
Manual Integrations

APPROVED

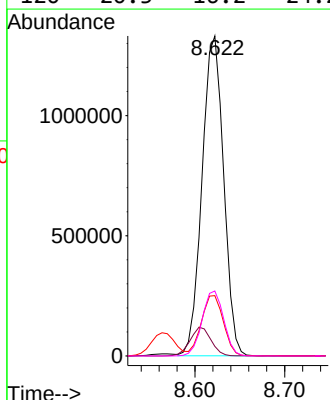
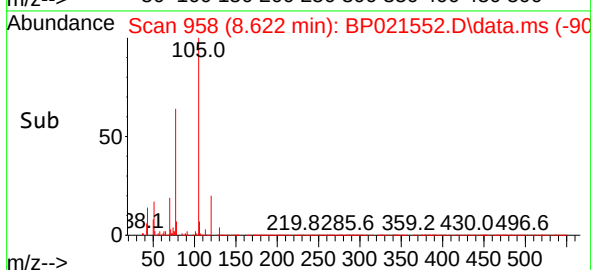
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

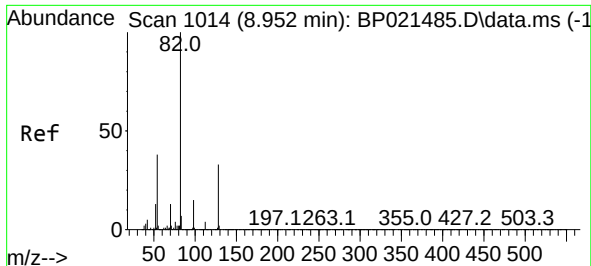


#22
Acetophenone
Concen: 39.960 ng
RT: 8.622 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32



Tgt Ion:105 Resp: 2223891
Ion Ratio Lower Upper
105 100
71 3.0 4.6 7.0#
51 18.8 16.3 24.5
120 20.3 16.2 24.2





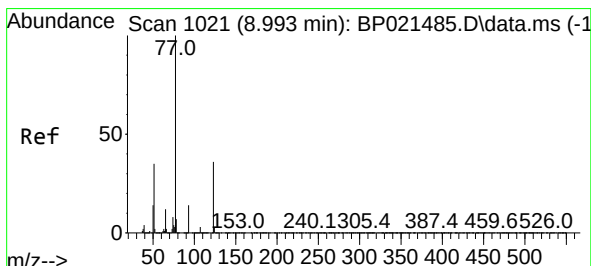
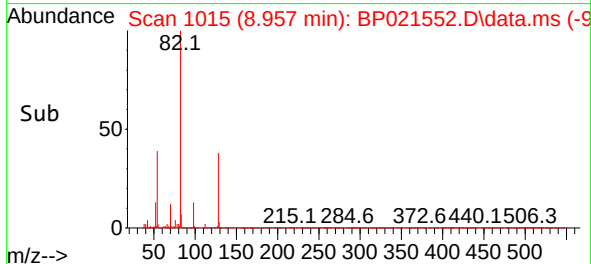
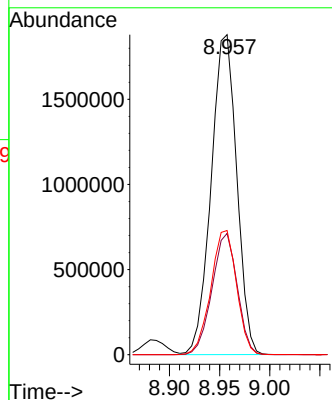
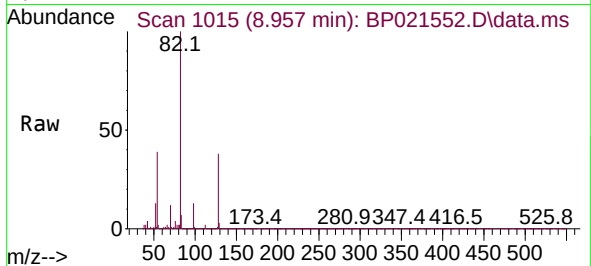
#23
Nitrobenzene-d5
Concen: 95.046 ng
RT: 8.957 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Instrument :
BNA_P
ClientSampleId :
PB162717BS

Tgt Ion: 82 Resp: 333586
Ion Ratio Lower Upper
82 100
128 37.9 26.5 39.7
54 38.8 30.3 45.5

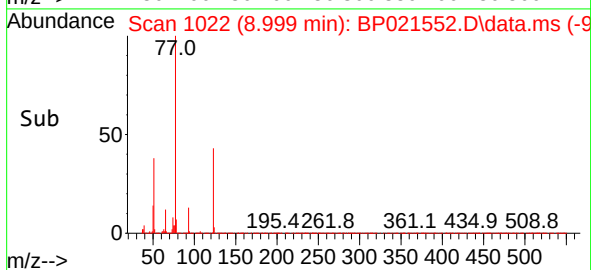
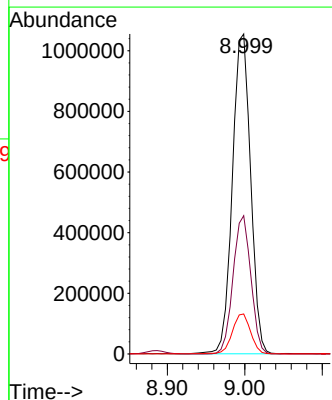
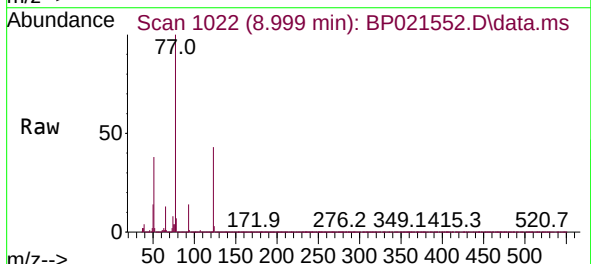
Manual Integrations
APPROVED

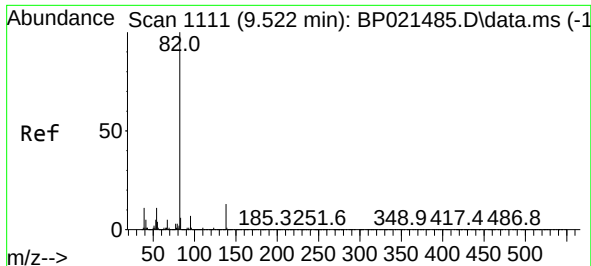
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#24
Nitrobenzene
Concen: 45.348 ng
RT: 8.999 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

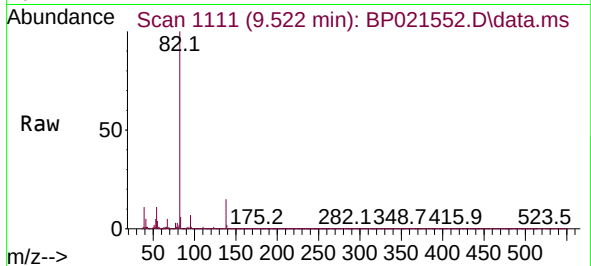
Tgt Ion: 77 Resp: 1728631
Ion Ratio Lower Upper
77 100
123 43.2 29.5 44.3
65 12.5 9.9 14.9





#25
Isophorone
Concen: 40.947 ng
RT: 9.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

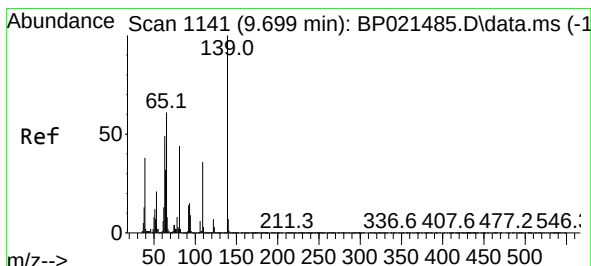
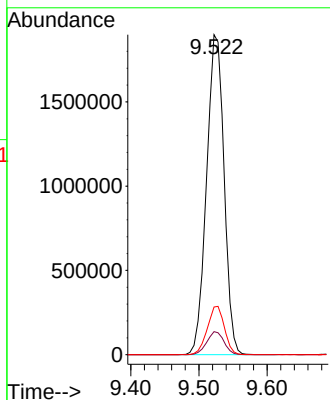
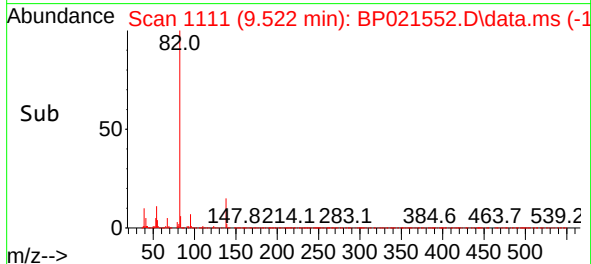
Instrument :
BNA_P
ClientSampleId :
PB162717BS



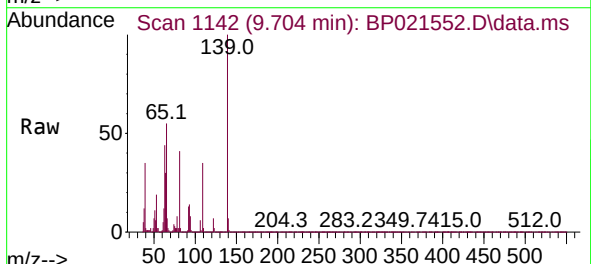
Tgt Ion: 82 Resp: 339516
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 14.9 10.6 16.0

Manual Integrations
APPROVED

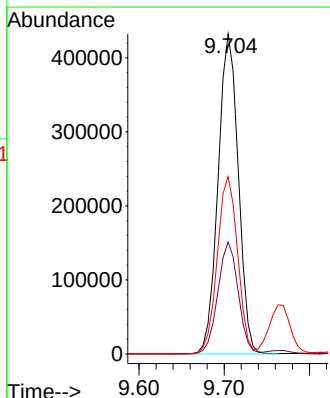
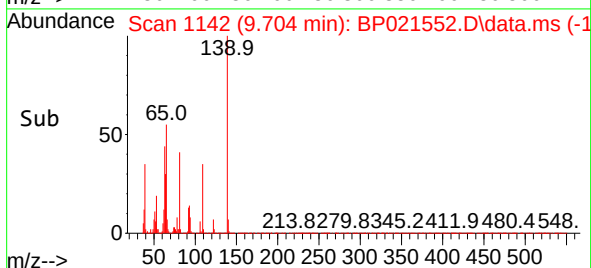
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

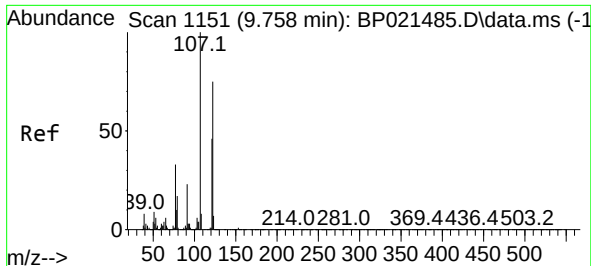


#26
2-Nitrophenol
Concen: 63.425 ng
RT: 9.704 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32



Tgt Ion:139 Resp: 712203
Ion Ratio Lower Upper
139 100
109 35.0 28.9 43.3
65 55.4 49.0 73.6





#27

2,4-Dimethylphenol

Concen: 54.316 ng

RT: 9.769 min Scan# 1151

Delta R.T. 0.012 min

Lab File: BP021552.D

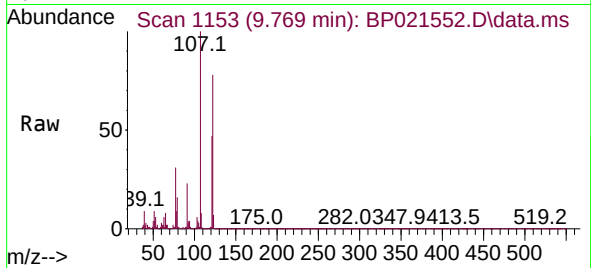
Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS



Tgt Ion:122 Resp: 111144

Ion Ratio Lower Upper

122 100

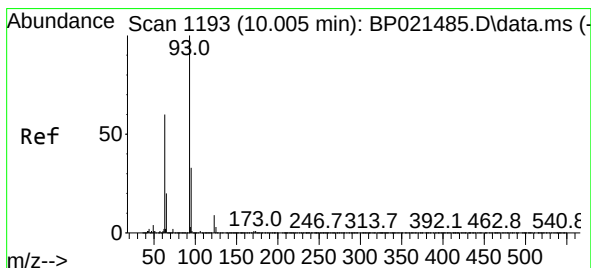
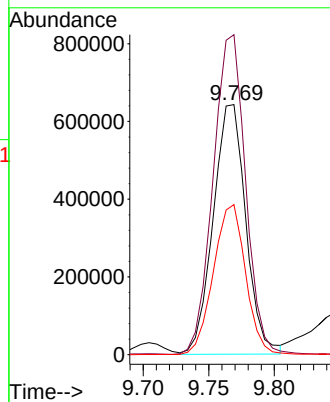
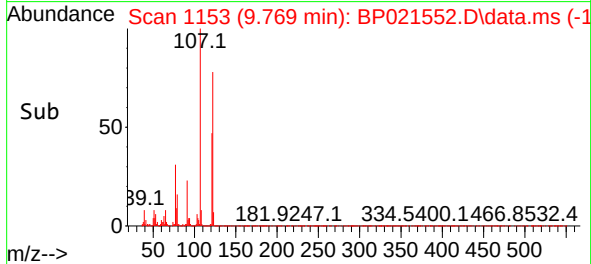
107 127.9 106.2 159.4

121 60.0 48.8 73.2

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 42.804 ng

RT: 9.999 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

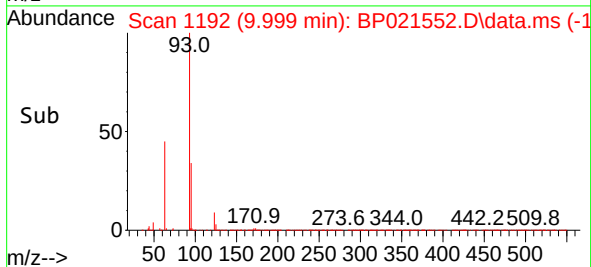
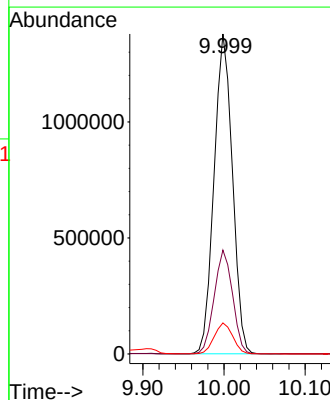
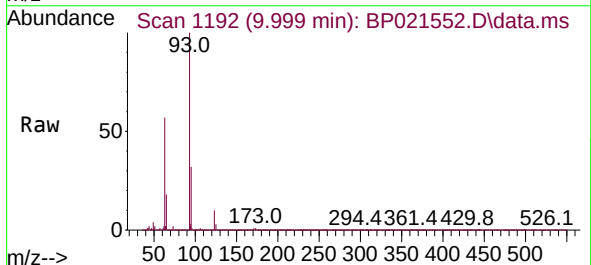
Tgt Ion: 93 Resp: 2166423

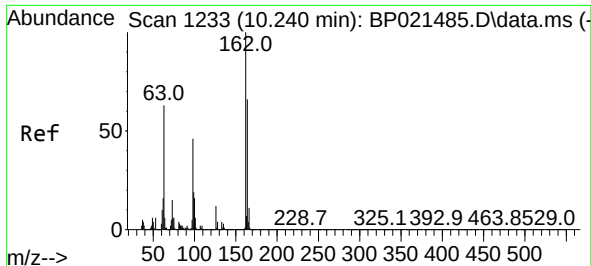
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 9.7 7.6 11.4





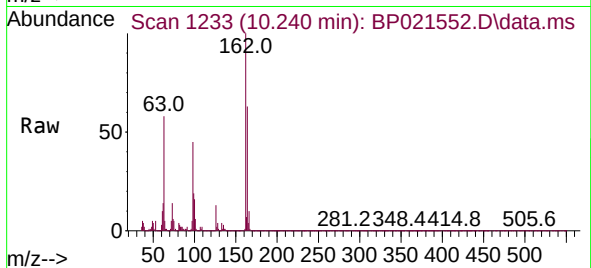
#29
2,4-Dichlorophenol
Concen: 55.931 ng
RT: 10.240 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

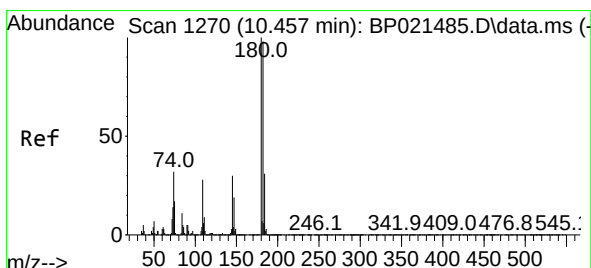
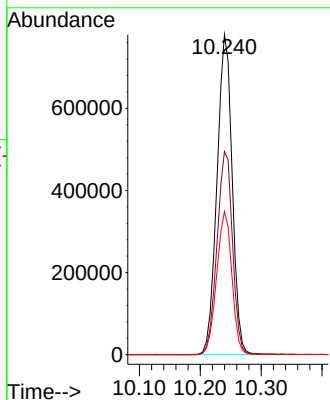
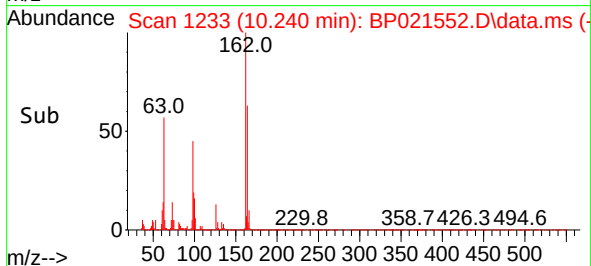
PB162717BS



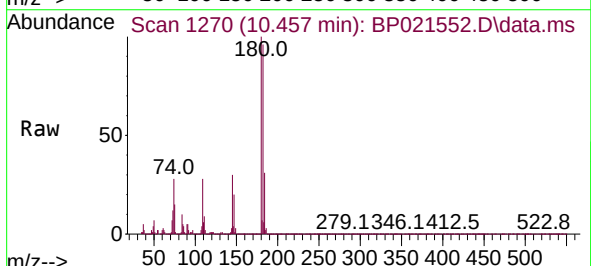
Tgt Ion:162 Resp: 135225
Ion Ratio Lower Upper
162 100
164 63.5 45.9 85.9
98 44.8 26.3 66.3

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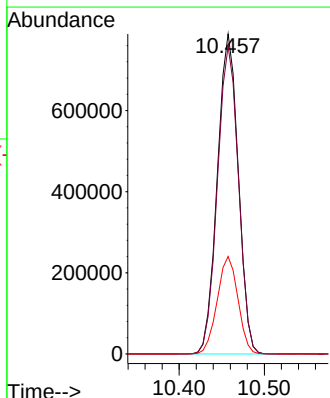
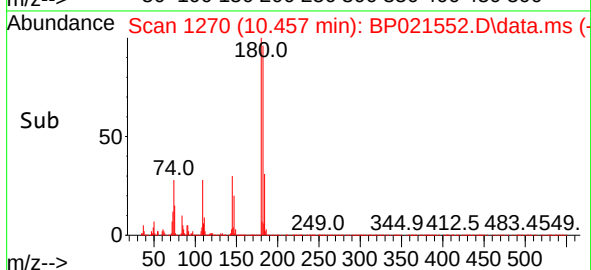
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

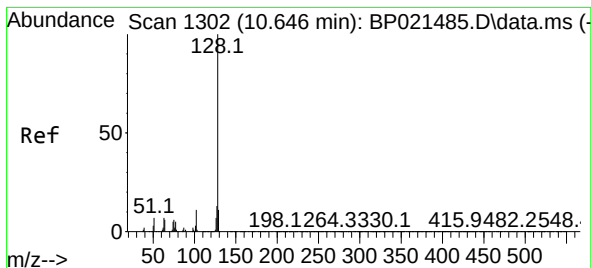


#30
1,2,4-Trichlorobenzene
Concen: 43.357 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32



Tgt Ion:180 Resp: 1343907
Ion Ratio Lower Upper
180 100
182 96.1 78.3 117.5
145 30.5 24.0 36.0





#31
Naphthalene
Concen: 44.142 ng
RT: 10.646 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

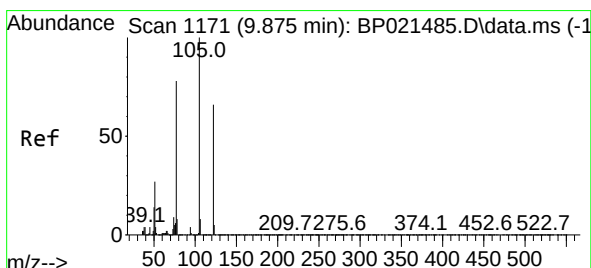
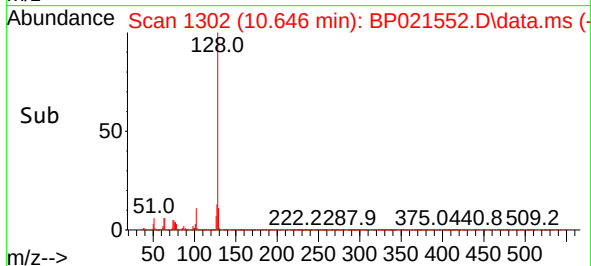
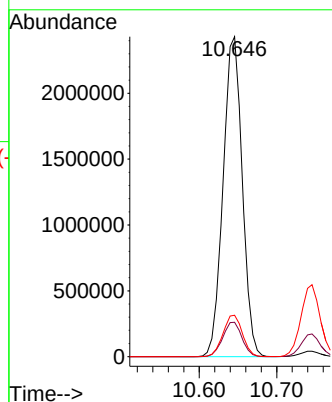
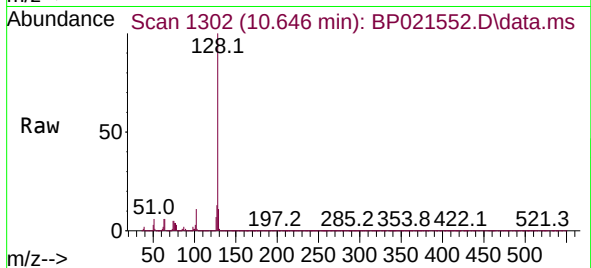
PB162717BS

Tgt Ion:128 Resp: 417742
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.0 10.6 15.8

Manual Integrations

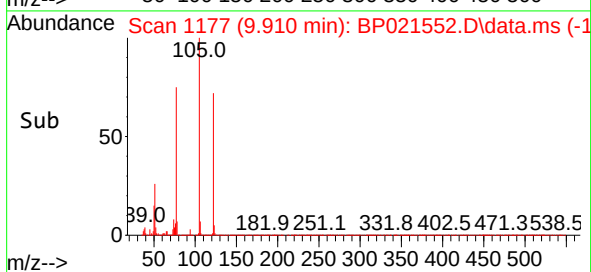
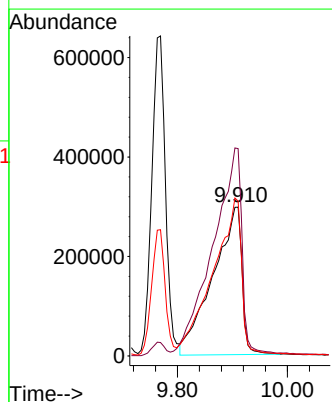
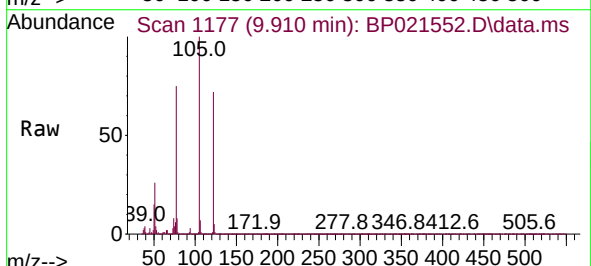
APPROVED

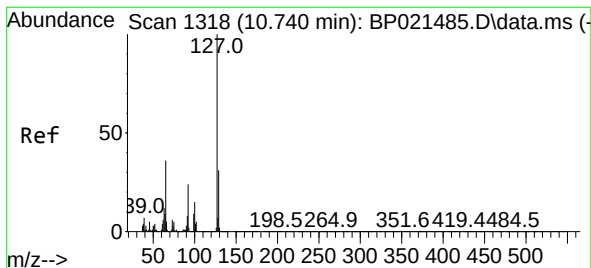
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#32
Benzoic acid
Concen: 68.602 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.035 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Tgt Ion:122 Resp: 1082806
Ion Ratio Lower Upper
122 100
105 139.3 124.6 164.6
77 104.0 96.2 136.2





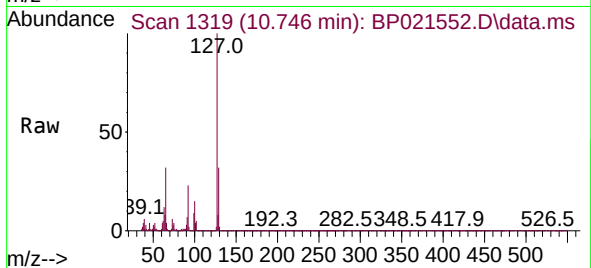
#33
4-Chloroaniline
Concen: 27.155 ng
RT: 10.746 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

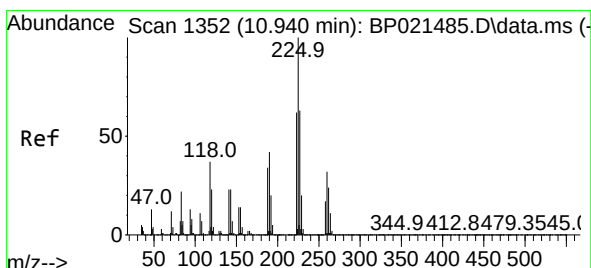
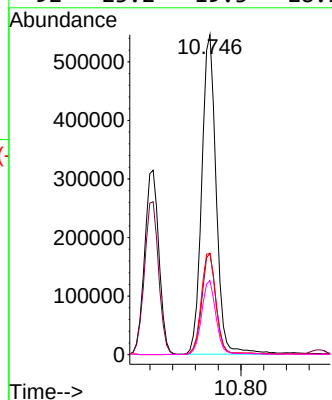
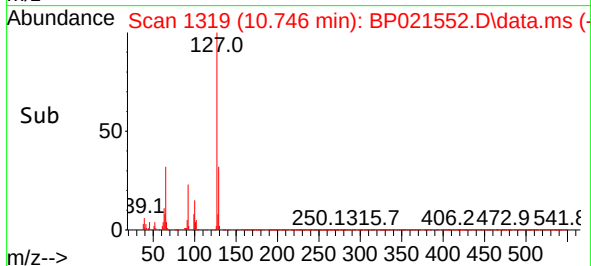


Tgt Ion:127 Resp: 965320
Ion Ratio Lower Upper
127 100
129 31.7 24.5 36.7
65 31.7 28.9 43.3
92 23.2 19.3 28.9

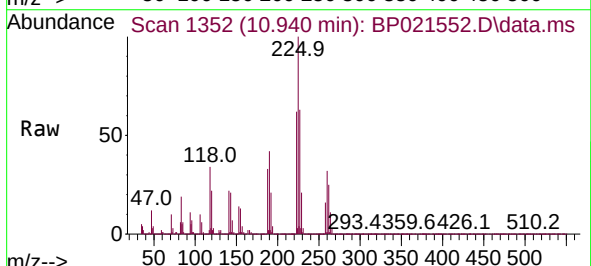
Manual Integrations

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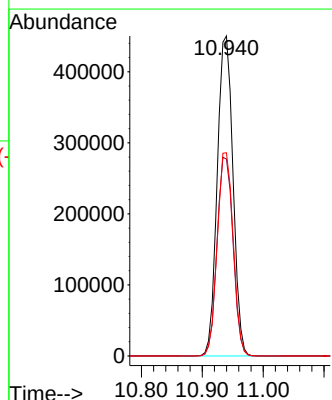
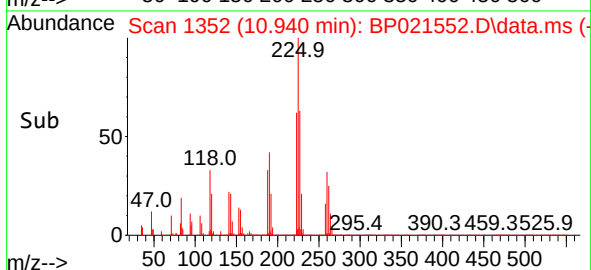
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

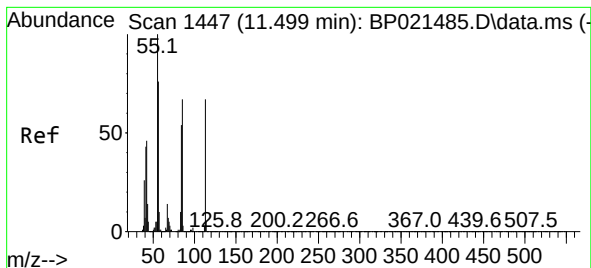


#34
Hexachlorobutadiene
Concen: 41.299 ng
RT: 10.940 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32



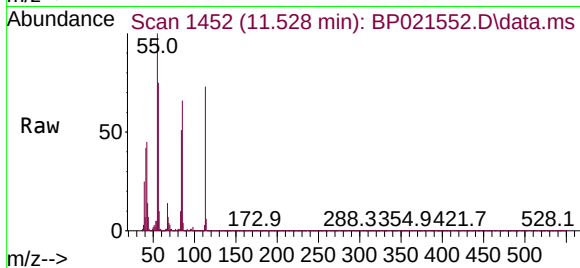
Tgt Ion:225 Resp: 806020
Ion Ratio Lower Upper
225 100
223 61.6 49.6 74.4
227 63.5 50.1 75.1





#35
Caprolactam
Concen: 51.334 ng
RT: 11.528 min Scan# 1447
Delta R.T. 0.029 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

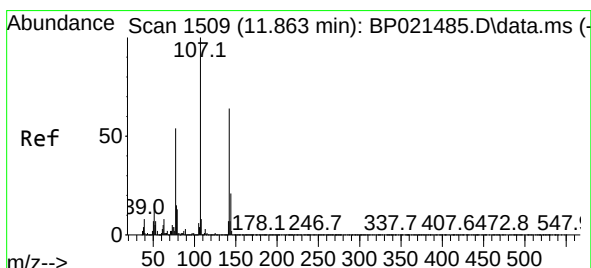
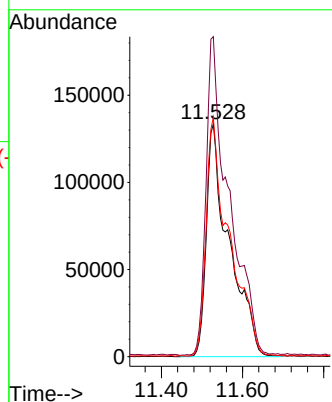
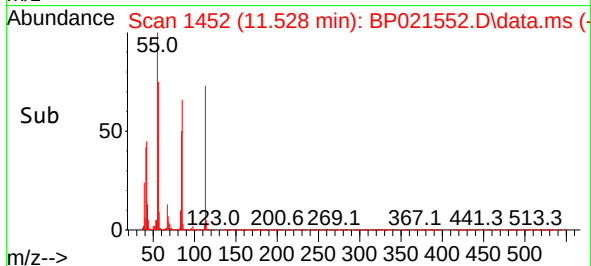
Instrument :
BNA_P
ClientSampleId :
PB162717BS



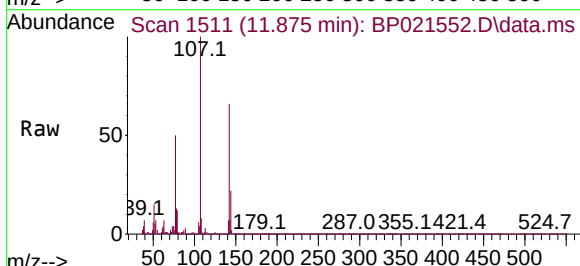
Tgt Ion:113 Resp: 51658
Ion Ratio Lower Upper
113 100
55 137.7 130.6 170.6
56 102.9 94.6 134.6

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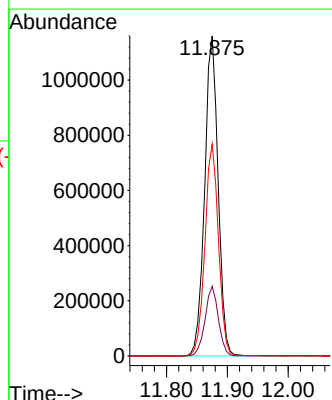
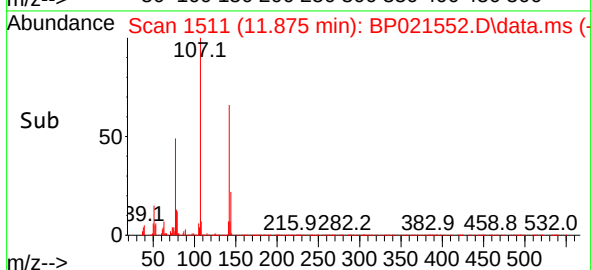
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

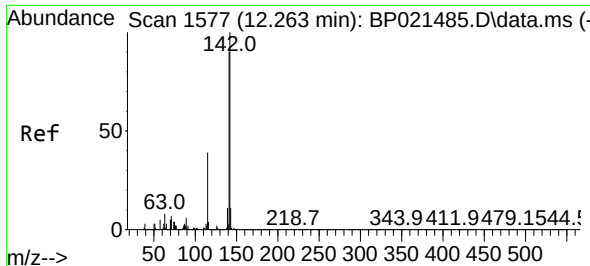


#36
4-Chloro-3-methylphenol
Concen: 53.222 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.012 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32



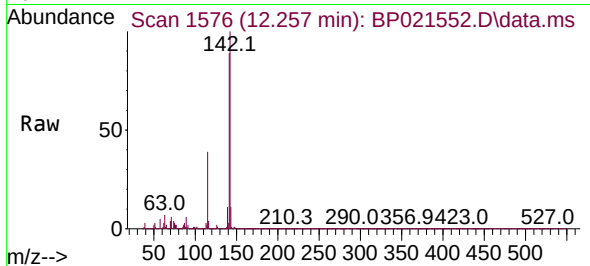
Tgt Ion:107 Resp: 1784932
Ion Ratio Lower Upper
107 100
144 21.8 16.6 24.8
142 66.2 51.0 76.4





#37
2-Methylnaphthalene
Concen: 44.745 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

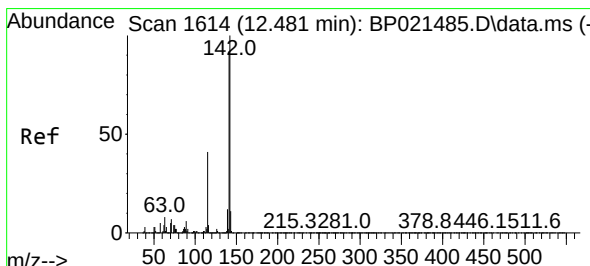
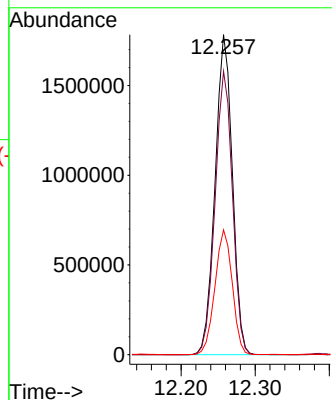
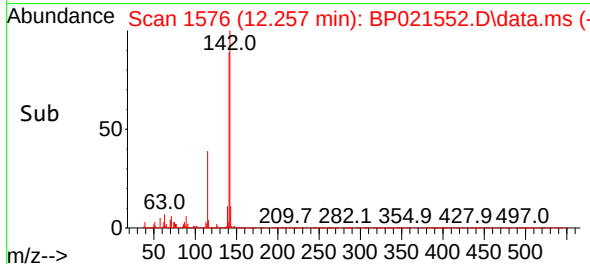
Instrument :
BNA_P
ClientSampleId :
PB162717BS



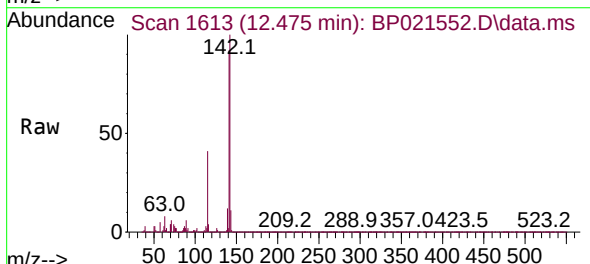
Tgt Ion:142 Resp: 289002
Ion Ratio Lower Upper
142 100
141 88.5 71.7 107.5
115 39.0 31.4 47.2

Manual Integrations
APPROVED

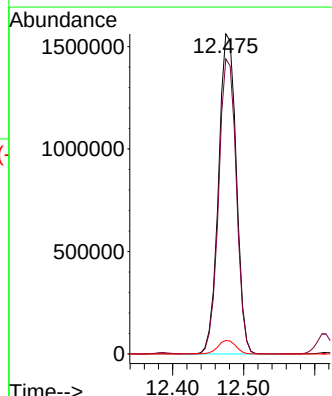
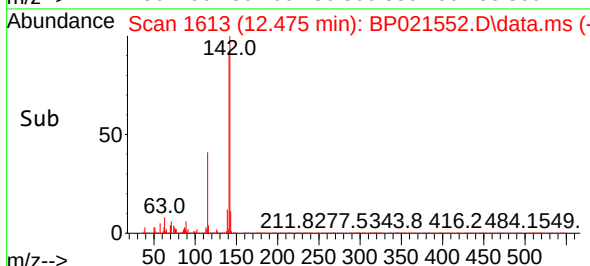
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

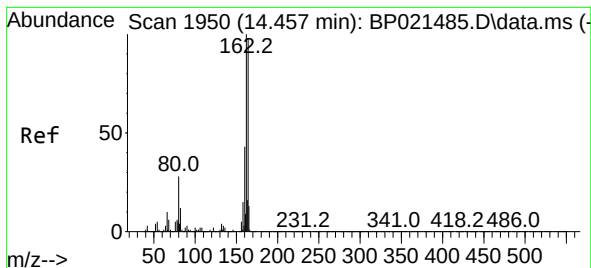


#38
1-Methylnaphthalene
Concen: 42.267 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32



Tgt Ion:142 Resp: 2692489
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3
116 4.2 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

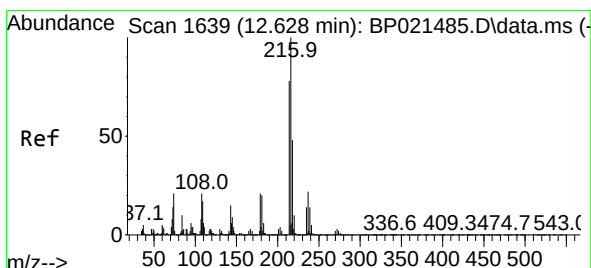
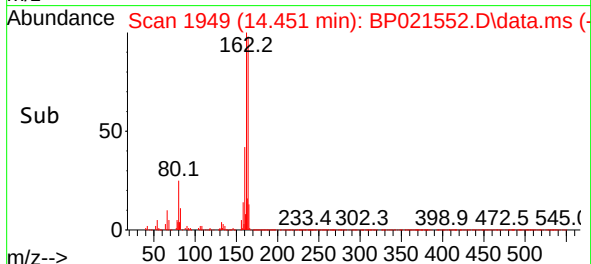
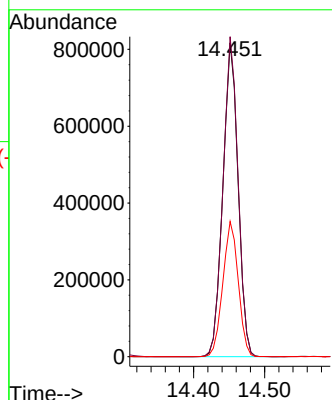
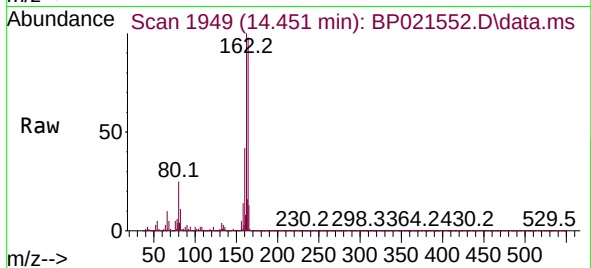
PB162717BS

Tgt Ion:164 Resp: 1208514
Ion Ratio Lower Upper
164 100
162 102.0 81.5 122.3
160 43.1 35.2 52.8

Manual Integrations

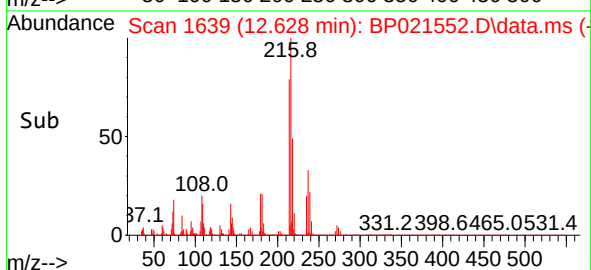
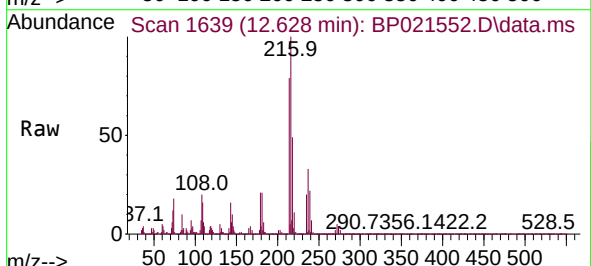
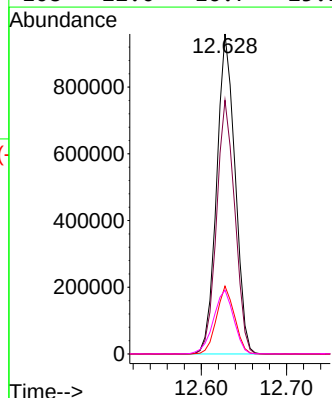
APPROVED

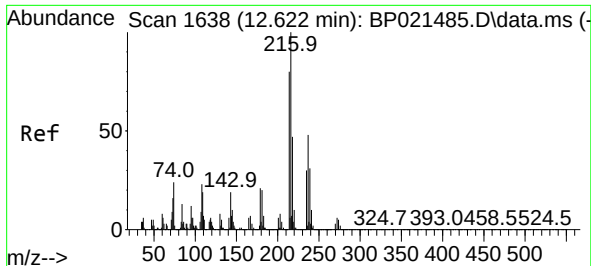
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.650 ng
RT: 12.628 min Scan# 1639
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

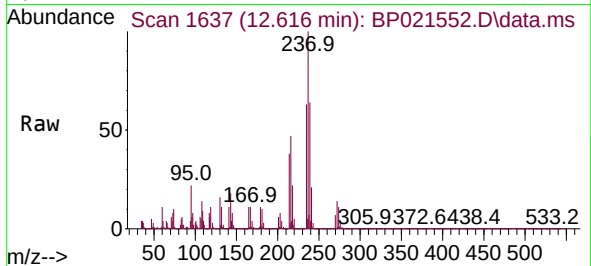
Tgt Ion:216 Resp: 1439400
Ion Ratio Lower Upper
216 100
214 78.7 62.5 93.7
179 20.7 16.4 24.6
108 22.0 16.7 25.1





#41
Hexachlorocyclopentadiene
Concen: 111.804 ng
RT: 12.616 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

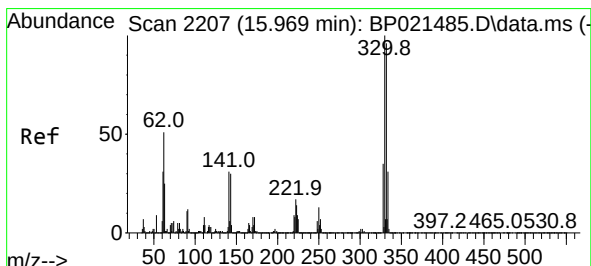
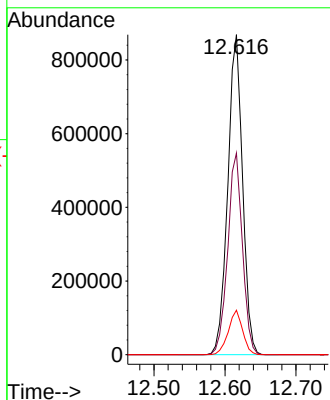
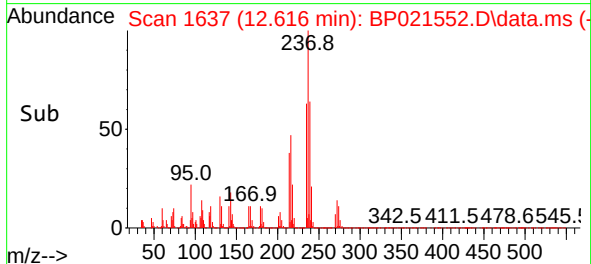
Instrument :
BNA_P
ClientSampleId :
PB162717BS



Tgt Ion: 237 Resp: 1254739
Ion Ratio Lower Upper
237 100
235 63.0 43.9 83.9
272 13.9 0.0 33.3

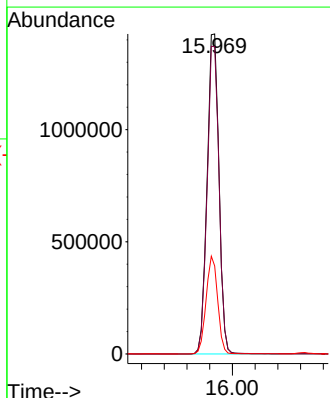
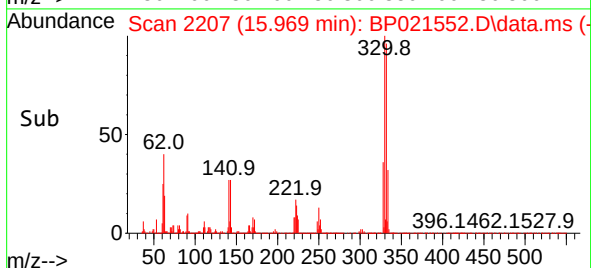
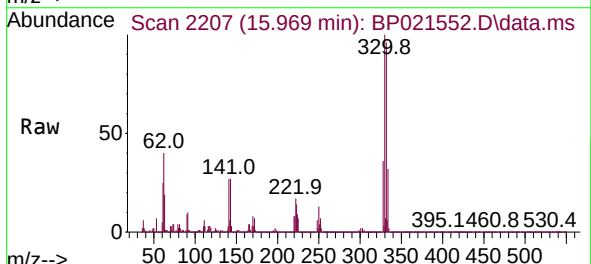
Manual Integrations
APPROVED

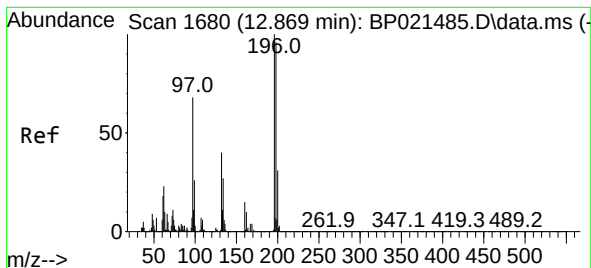
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#42
2,4,6-Tribromophenol
Concen: 152.770 ng
RT: 15.969 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Tgt Ion: 330 Resp: 2054798
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 29.8 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 56.139 ng

RT: 12.863 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:196 Resp: 110423

Ion Ratio Lower Upper

196 100

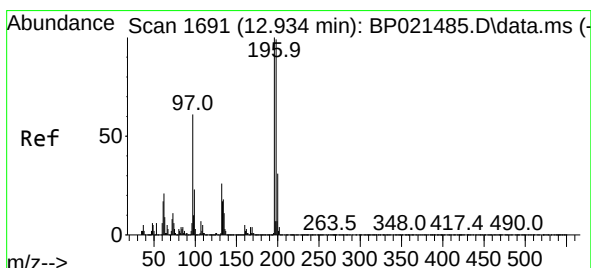
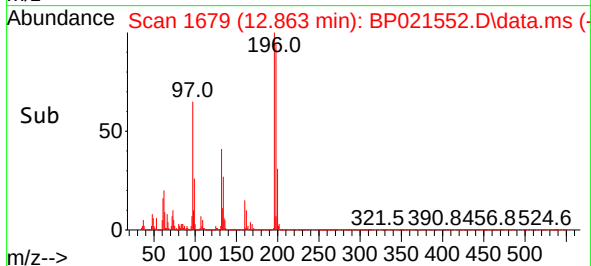
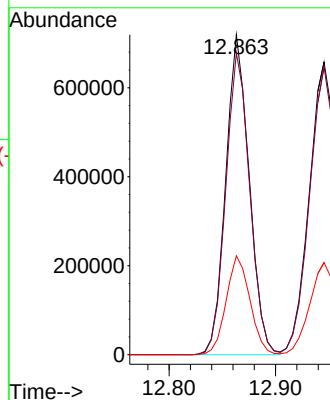
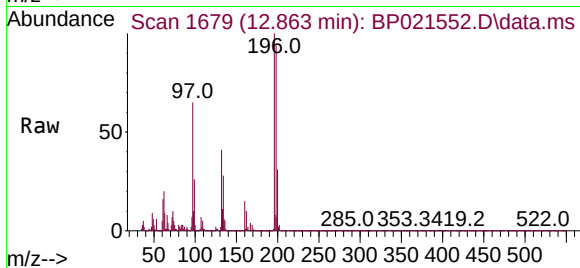
198 94.2 76.6 114.8

200 30.9 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: 54.552 ng

RT: 12.945 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

Tgt Ion:196 Resp: 1192173

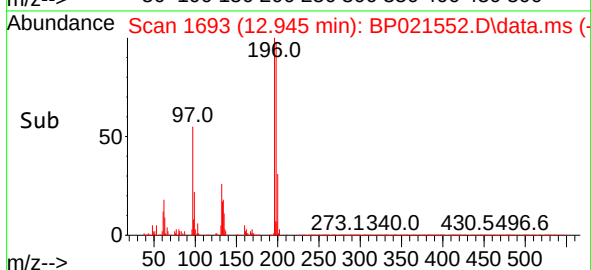
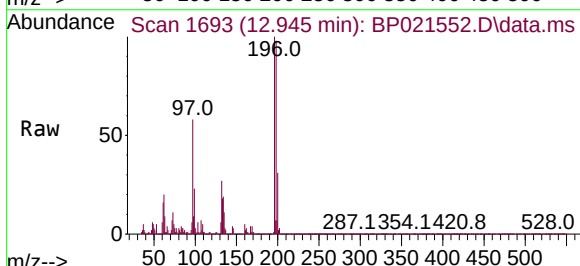
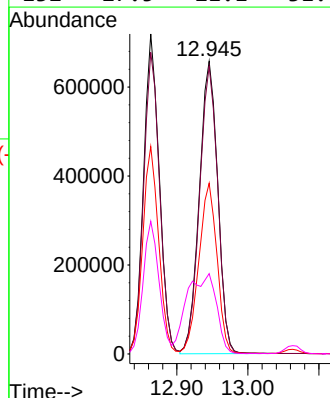
Ion Ratio Lower Upper

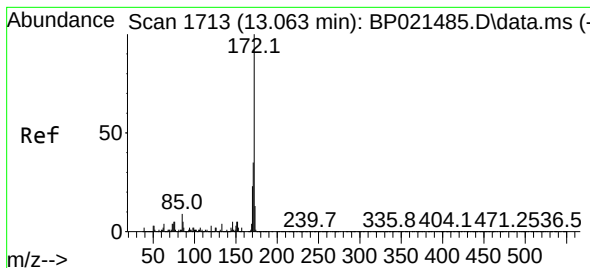
196 100

198 98.3 78.9 118.3

97 58.3 49.4 74.0

132 27.5 21.1 31.7





#45
2-Fluorobiphenyl
Concen: 80.015 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

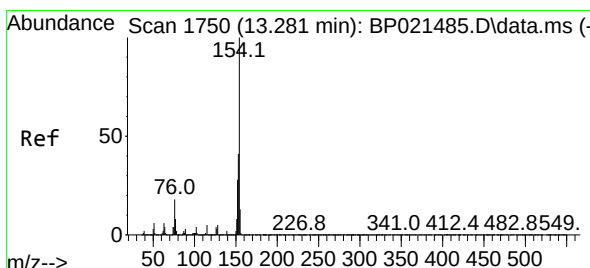
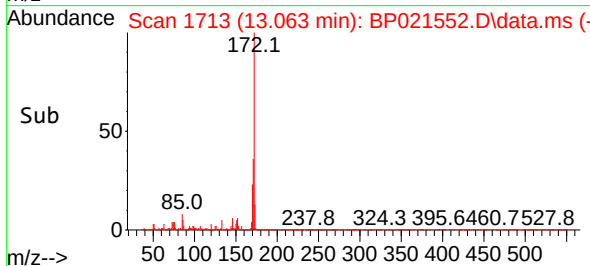
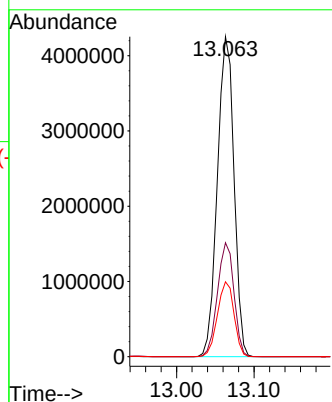
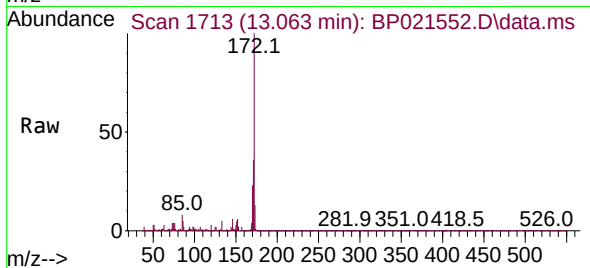
PB162717BS

Tgt Ion:172 Resp: 633614
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.4 18.4 27.6

Manual Integrations

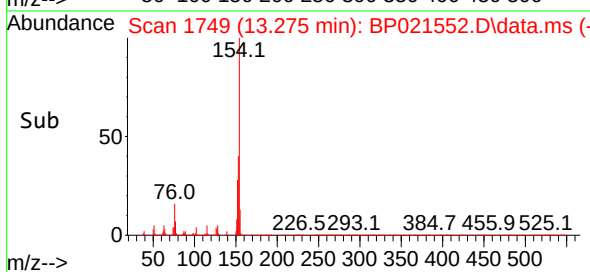
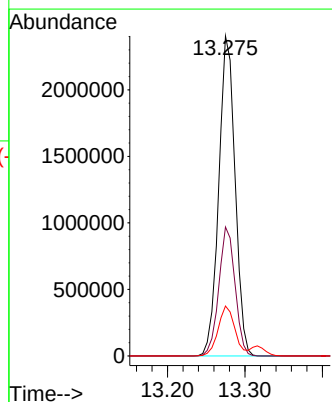
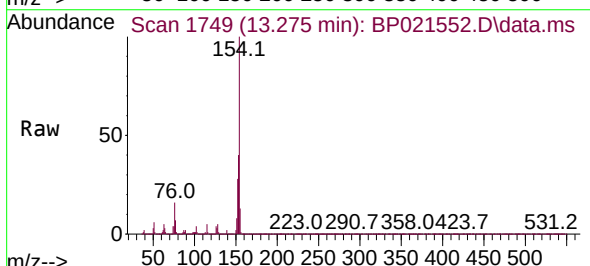
APPROVED

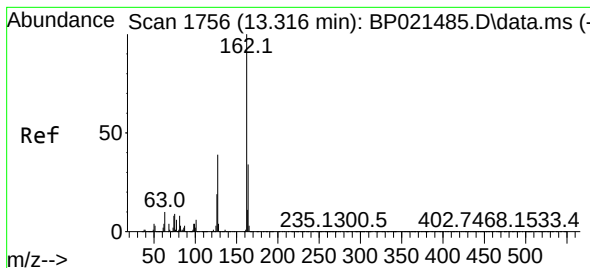
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#46
1,1'-Biphenyl
Concen: 41.077 ng
RT: 13.275 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Tgt Ion:154 Resp: 3512219
Ion Ratio Lower Upper
154 100
153 40.3 20.7 60.7
76 15.6 0.0 37.7





#47
2-Chloronaphthalene
Concen: 43.942 ng
RT: 13.316 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

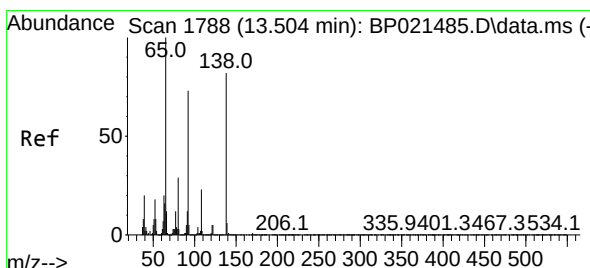
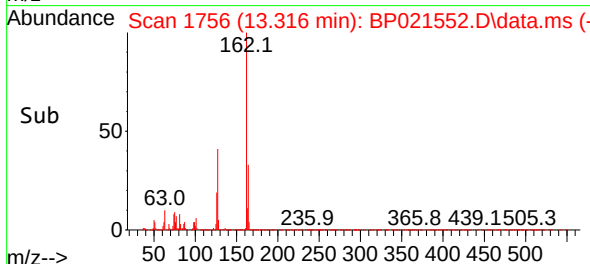
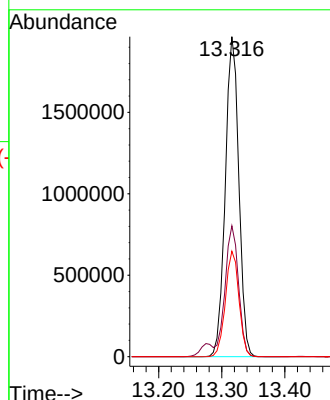
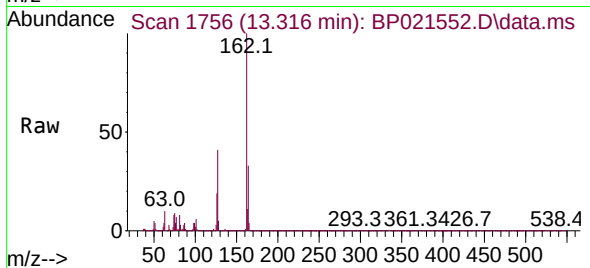
PB162717BS

Tgt Ion:162 Resp: 292509
Ion Ratio Lower Upper
162 100
127 40.9 31.9 47.9
164 33.0 26.8 40.2

Manual Integrations

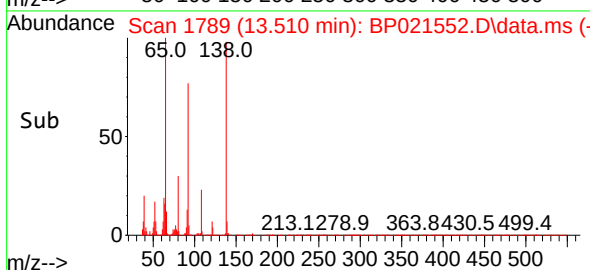
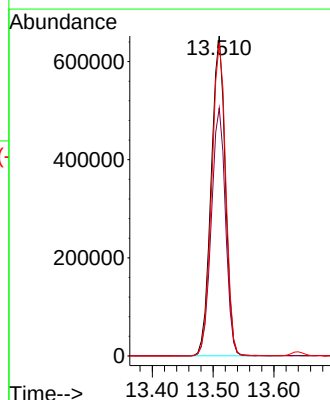
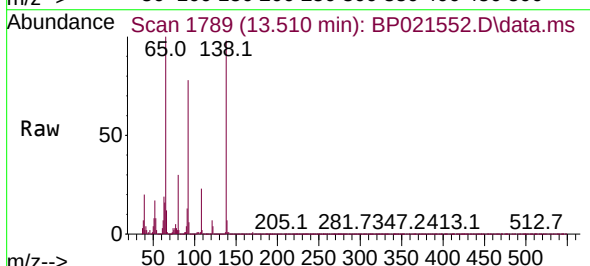
APPROVED

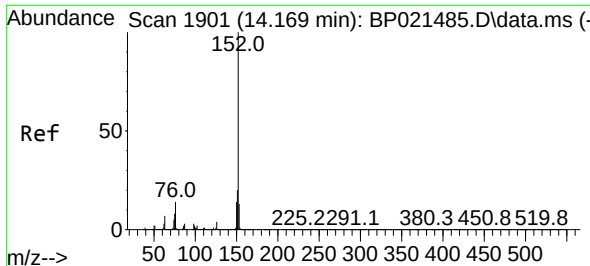
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#48
2-Nitroaniline
Concen: 55.389 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Tgt Ion: 65 Resp: 1049951
Ion Ratio Lower Upper
65 100
92 77.5 58.1 87.1
138 97.9 65.5 98.3





#49
Acenaphthylene
Concen: 49.516 ng
RT: 14.169 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

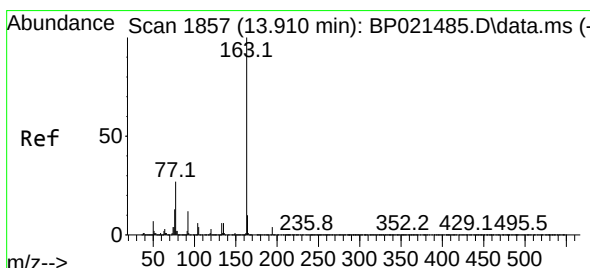
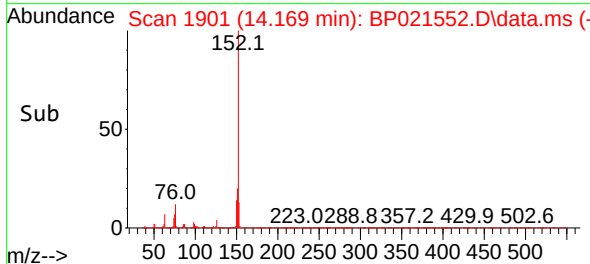
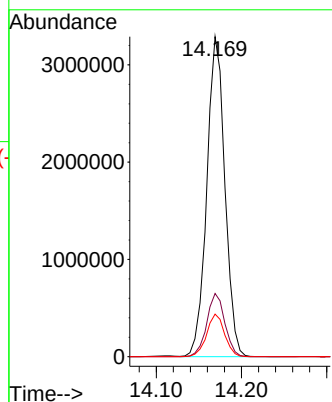
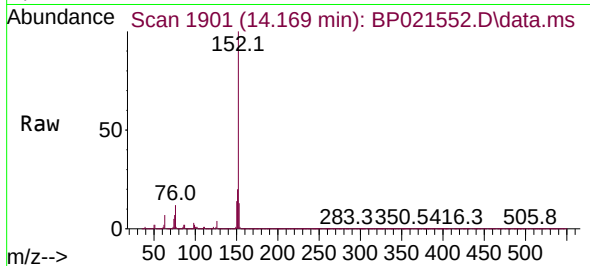
PB162717BS

Tgt Ion:152 Resp: 4845540
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.3 10.6 16.0

Manual Integrations

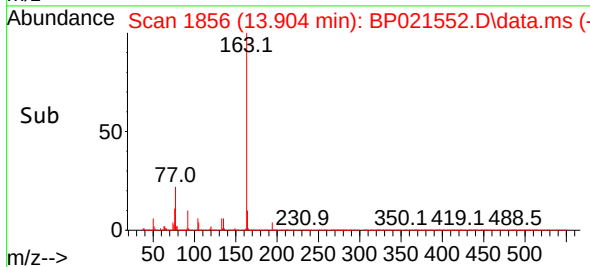
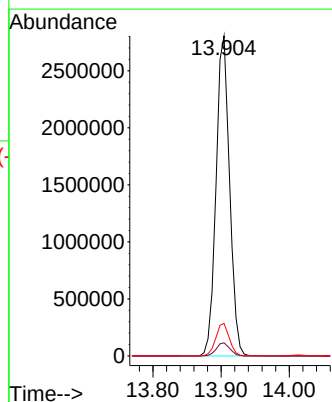
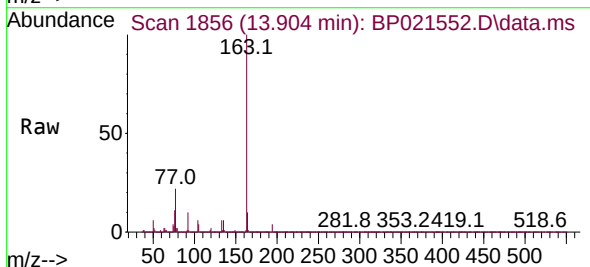
APPROVED

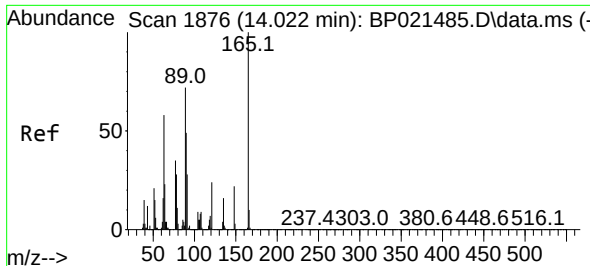
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#50
Dimethylphthalate
Concen: 47.847 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Tgt Ion:163 Resp: 3872418
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 50.933 ng
RT: 14.010 min Scan# 1876
Delta R.T. -0.012 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

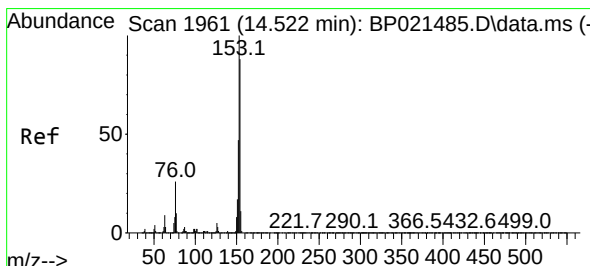
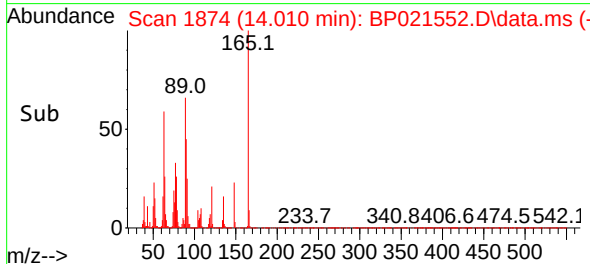
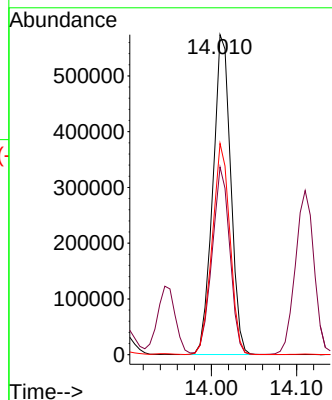
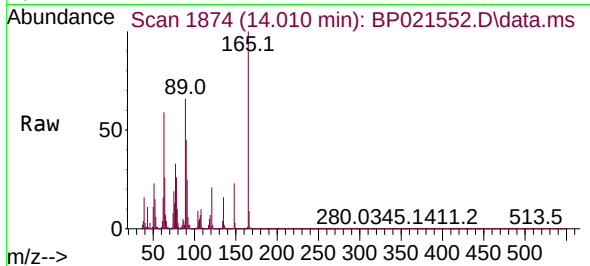
ClientSampleId :

PB162717BS

Tgt Ion:165 Resp: 83596
Ion Ratio Lower Upper
165 100
63 58.6 51.5 77.3
89 66.0 57.8 86.8

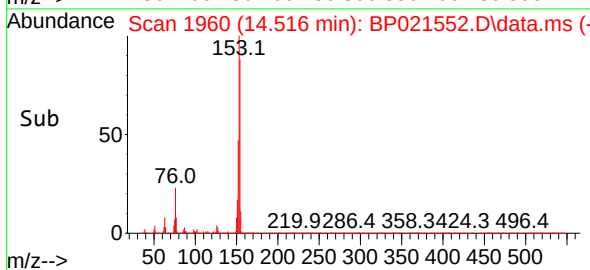
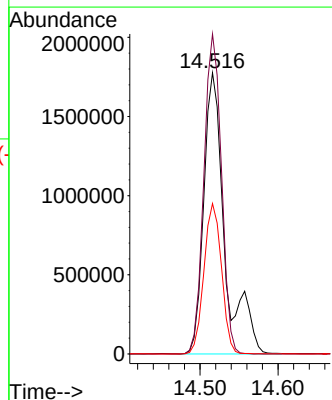
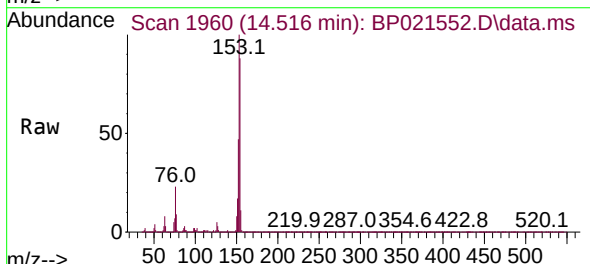
Manual Integrations
APPROVED

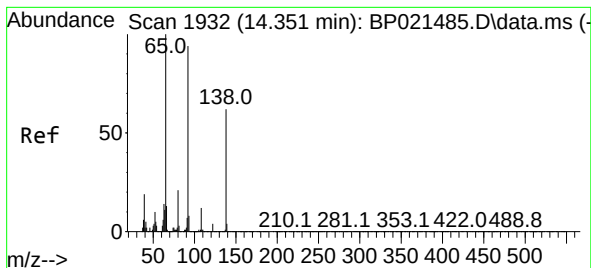
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#52
Acenaphthene
Concen: 51.911 ng m
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

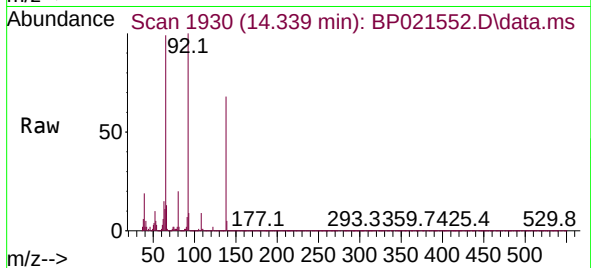
Tgt Ion:154 Resp: 3333084
Ion Ratio Lower Upper
154 100
153 113.8 91.1 136.7
152 53.5 43.0 64.4





#53
3-Nitroaniline
Concen: 42.487 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

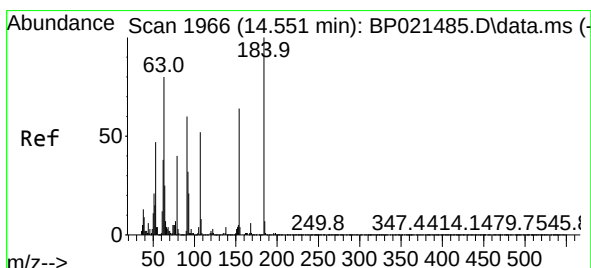
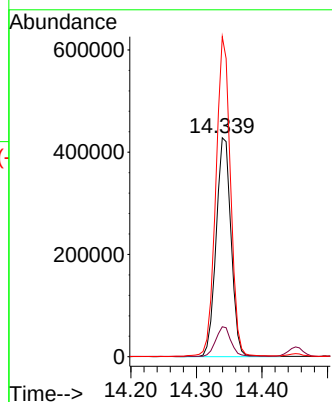
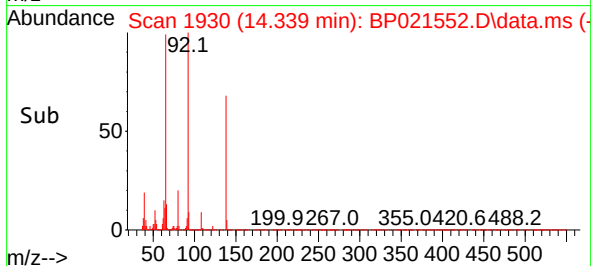
Instrument :
BNA_P
ClientSampleId :
PB162717BS



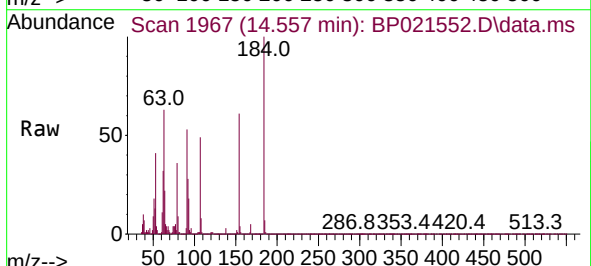
Tgt Ion:138 Resp: 674010
Ion Ratio Lower Upper
138 100
108 13.6 16.2 24.4
92 146.2 122.2 183.4

Manual Integrations
APPROVED

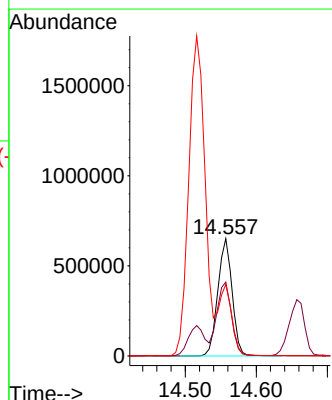
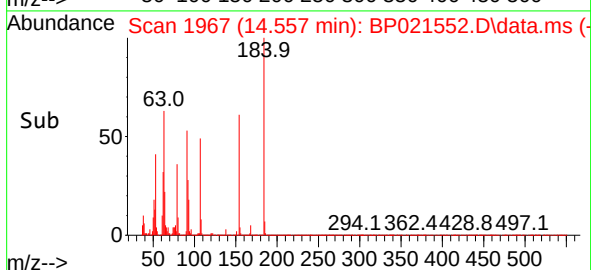
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

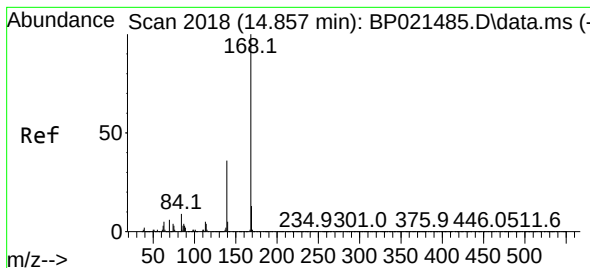


#54
2,4-Dinitrophenol
Concen: 123.493 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32



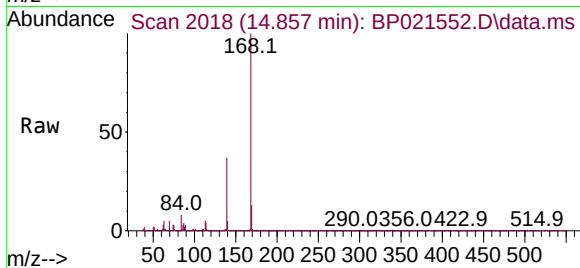
Tgt Ion:184 Resp: 906548
Ion Ratio Lower Upper
184 100
63 63.0 64.9 97.3
154 61.0 52.1 78.1





#55
Dibenzenofuran
Concen: 46.631 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

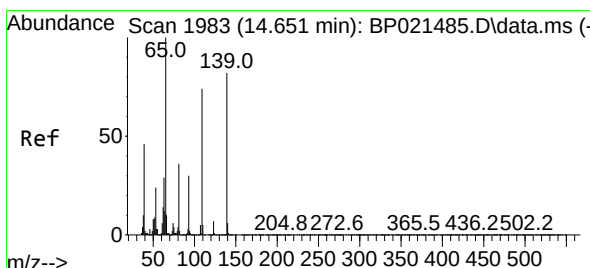
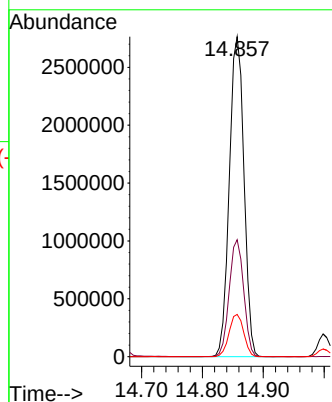
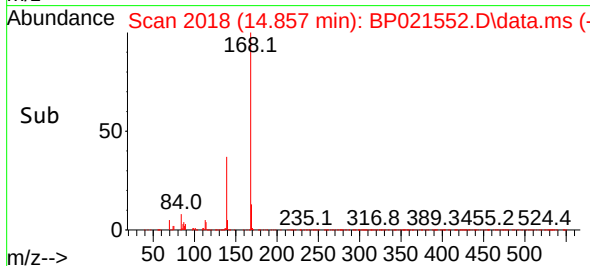
Instrument :
BNA_P
ClientSampleId :
PB162717BS



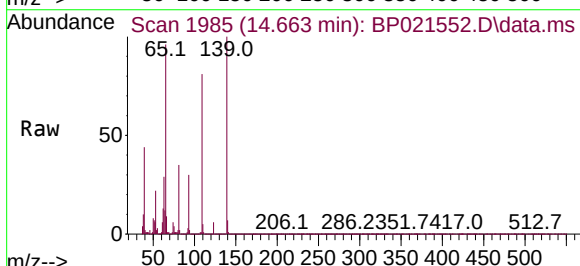
Tgt Ion:168 Resp: 460582
Ion Ratio Lower Upper
168 100
139 36.6 28.6 43.0
169 13.2 10.6 16.0

Manual Integrations
APPROVED

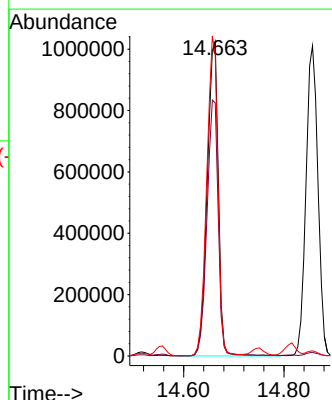
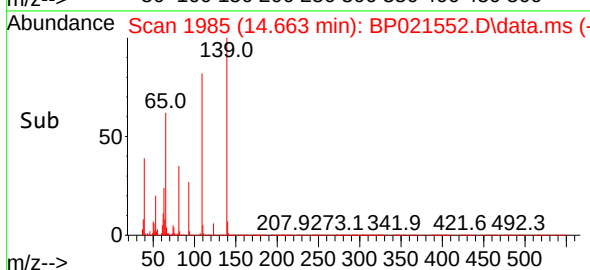
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

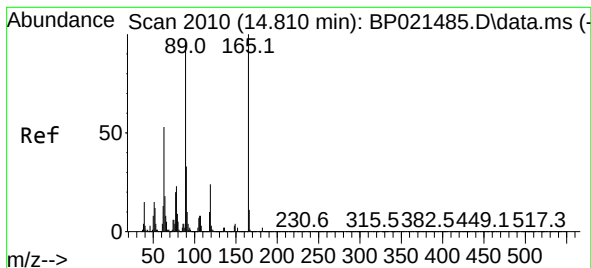


#56
4-Nitrophenol
Concen: 115.078 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32



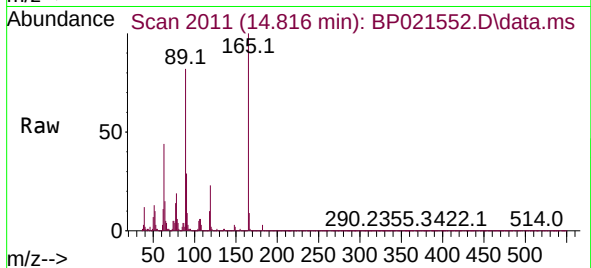
Tgt Ion:139 Resp: 1576580
Ion Ratio Lower Upper
139 100
109 80.5 70.2 110.2
65 95.7 101.8 141.8#





#57
2,4-Dinitrotoluene
Concen: 56.628 ng
RT: 14.816 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

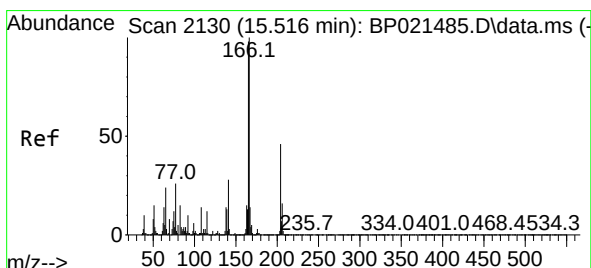
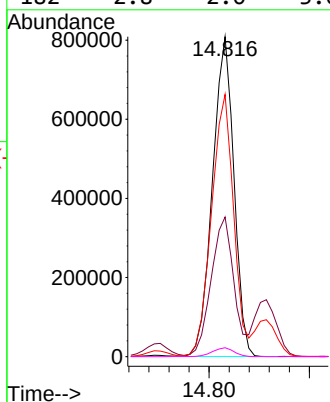
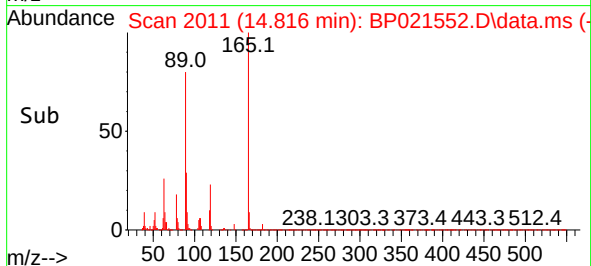
Instrument :
BNA_P
ClientSampleId :
PB162717BS



Tgt Ion:165 Resp: 119694
Ion Ratio Lower Upper
165 100
63 43.6 42.5 63.7
89 81.9 77.1 115.7
182 2.8 2.0 3.0

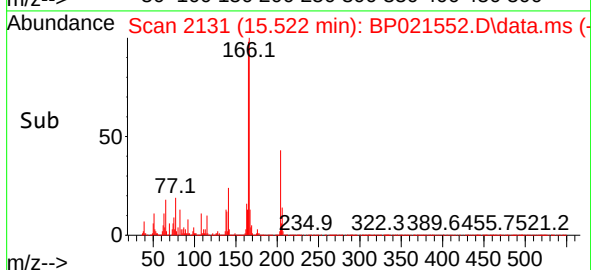
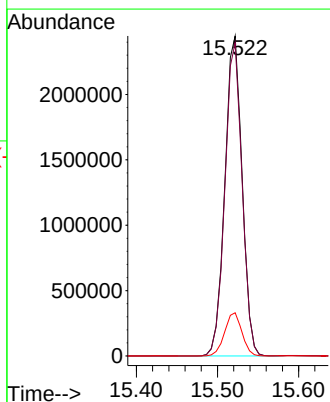
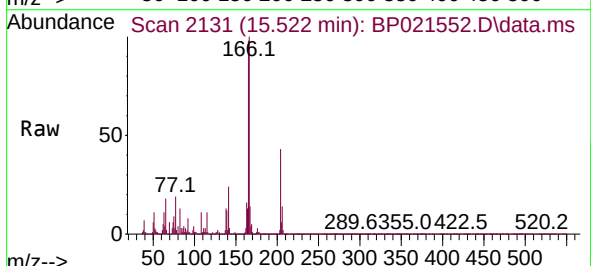
Manual Integrations
APPROVED

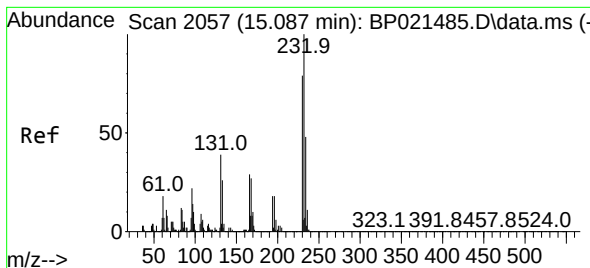
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#58
Fluorene
Concen: 44.532 ng
RT: 15.522 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Tgt Ion:166 Resp: 3613459
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.5 11.0 16.4





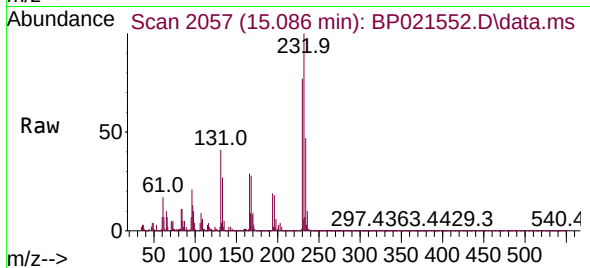
#59
2,3,4,6-Tetrachlorophenol
Concen: 58.724 ng
RT: 15.086 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

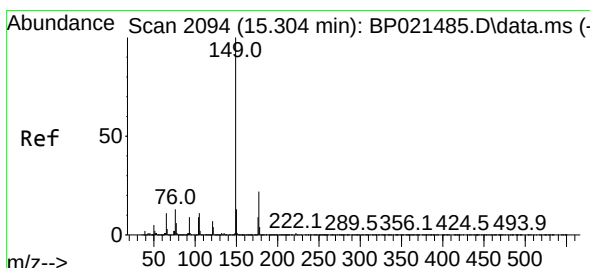
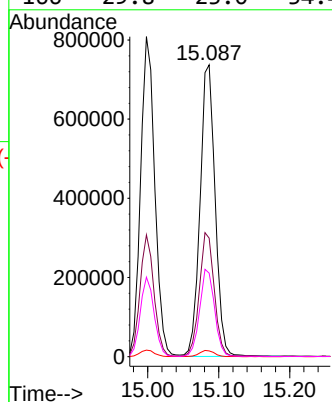
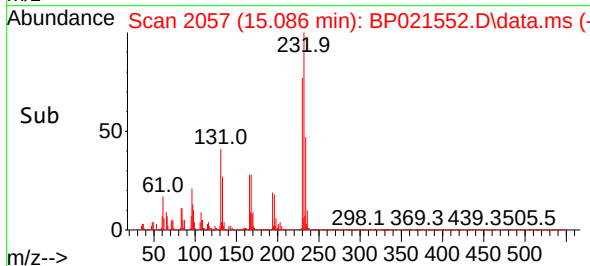


Tgt Ion:232 Resp: 108927
Ion Ratio Lower Upper
232 100
131 41.6 33.1 49.7
130 2.1 1.7 2.5
166 29.8 23.0 34.4

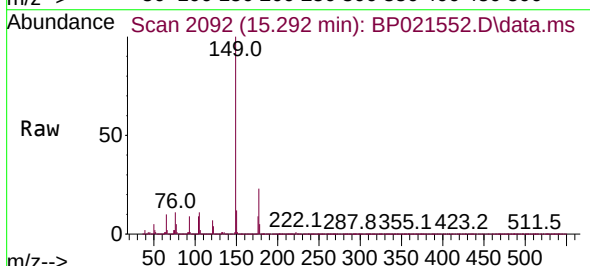
Manual Integrations

APPROVED

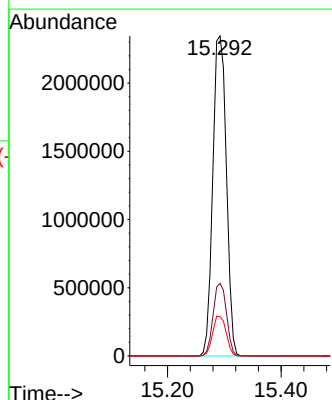
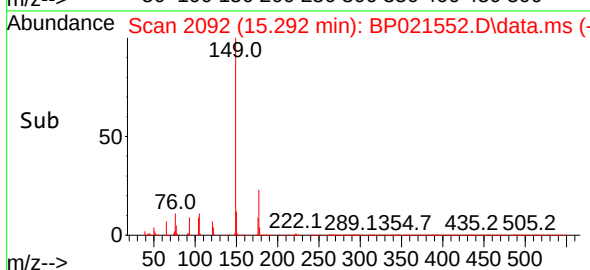
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

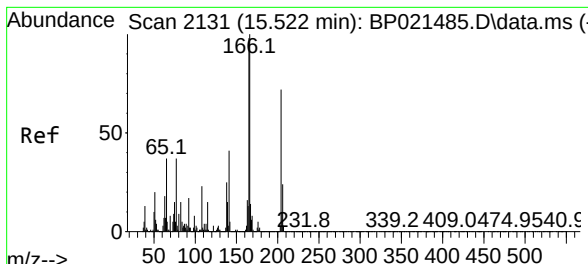


#60
Diethylphthalate
Concen: 46.758 ng
RT: 15.292 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32



Tgt Ion:149 Resp: 3882836
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.286 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

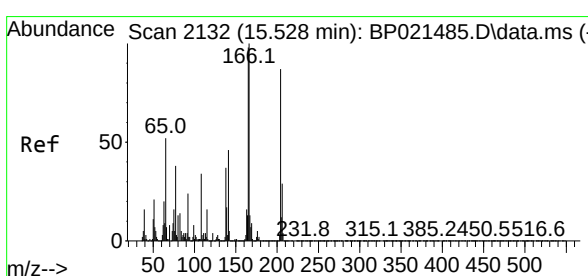
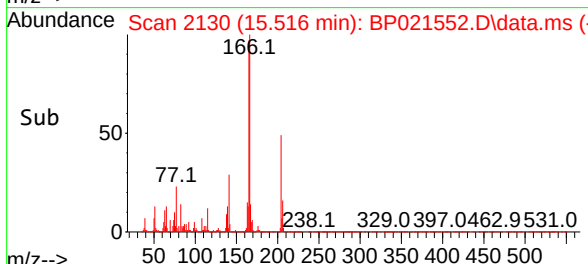
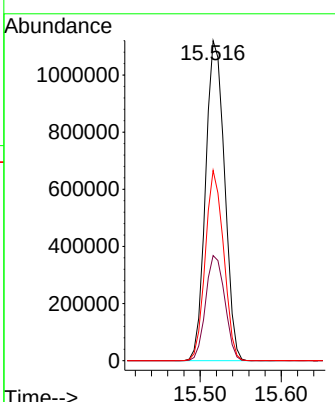
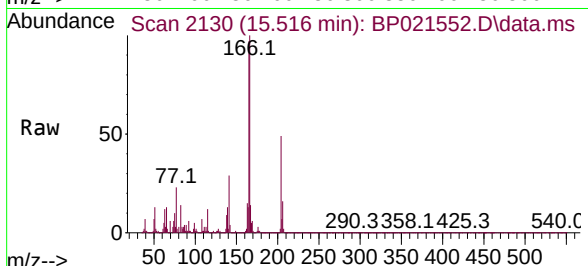
Instrument :
BNA_P
ClientSampleId :
PB162717BS

Tgt Ion: 204 Resp: 181559

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.4	39.6
141	59.4	46.1	69.1

Manual Integrations
APPROVED

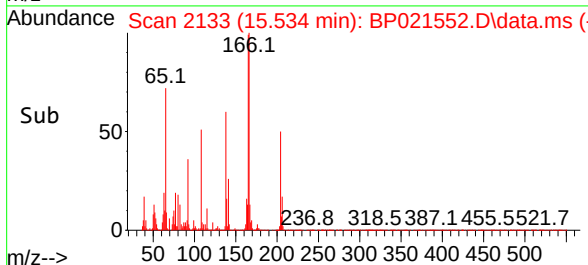
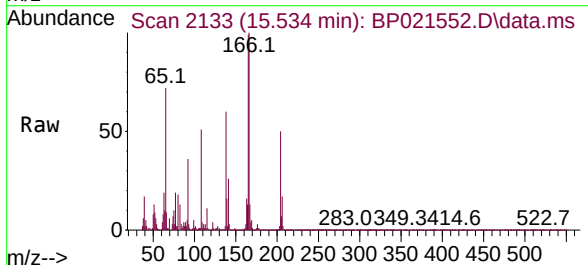
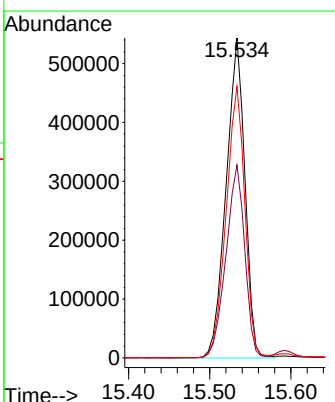
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

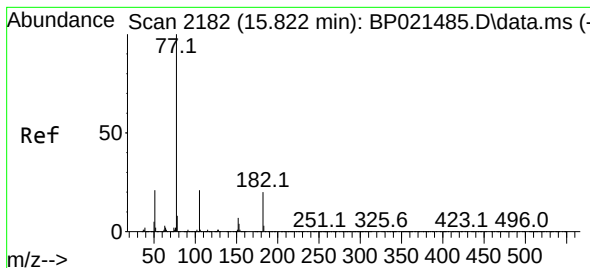


#62
4-Nitroaniline
Concen: 52.630 ng
RT: 15.534 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Tgt Ion: 138 Resp: 873343

Ion	Ratio	Lower	Upper
138	100		
92	60.3	46.4	86.4
108	84.8	73.2	113.2





#63

Azobenzene

Concen: 41.837 ng

RT: 15.816 min Scan# 2182

Delta R.T. -0.006 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion: 77 Resp: 427062

Ion Ratio Lower Upper

77 100

182 22.9 0.0 39.9

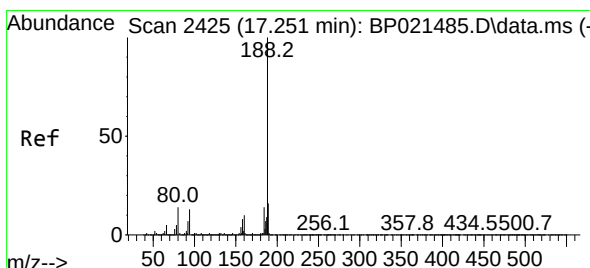
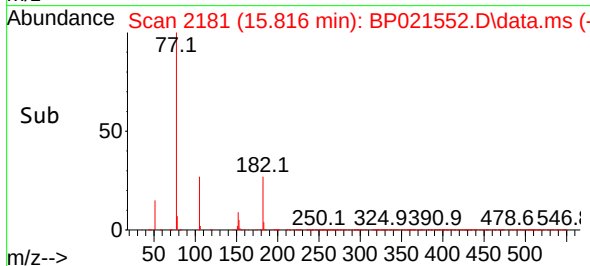
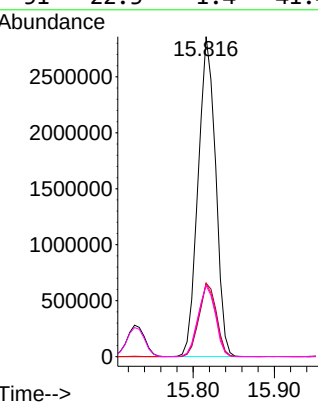
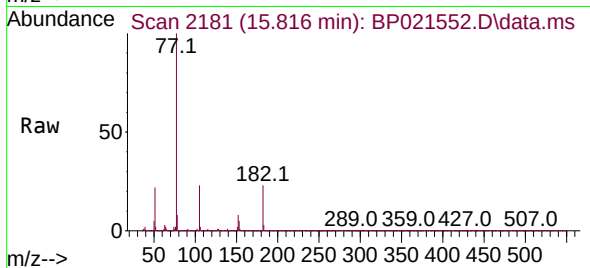
105 22.9 0.9 40.9

51 22.3 1.4 41.4

Manual Integrations

APPROVED

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 2427

Delta R.T. 0.012 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

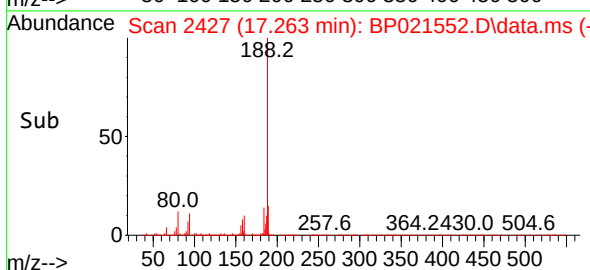
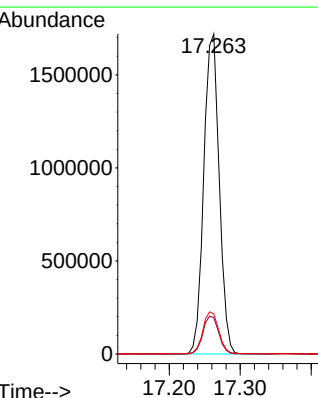
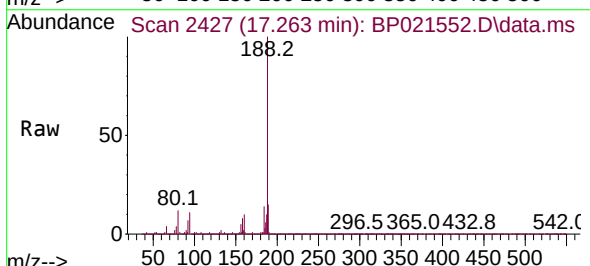
Tgt Ion:188 Resp: 2583716

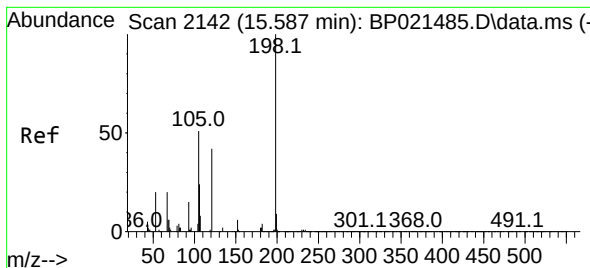
Ion Ratio Lower Upper

188 100

94 11.4 10.2 15.4

80 12.5 11.6 17.4





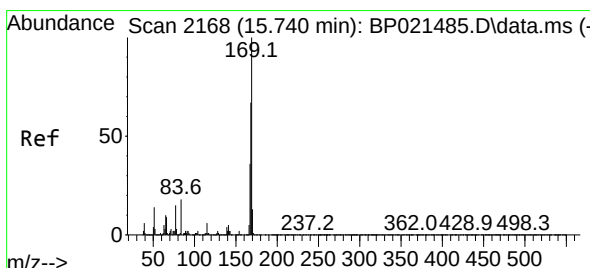
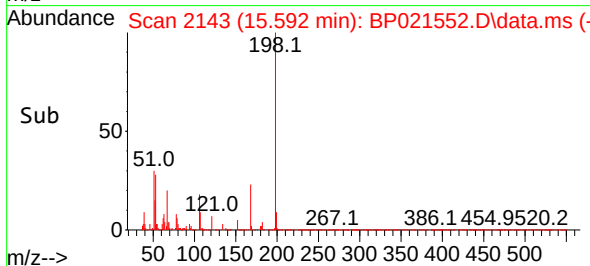
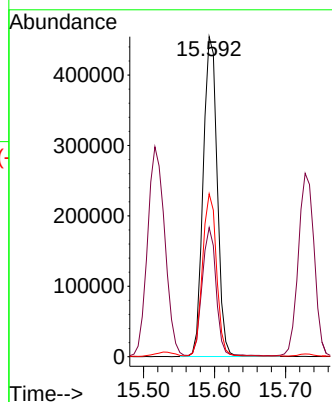
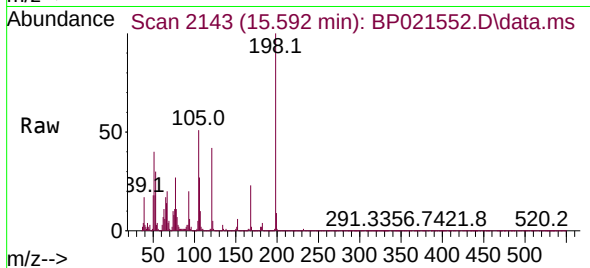
#65
4,6-Dinitro-2-methylphenol
Concen: 69.124 ng
RT: 15.592 min Scan# 2143
Delta R.T. 0.005 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Instrument :
BNA_P
ClientSampleId :
PB162717BS

Tgt Ion:198 Resp: 626992
Ion Ratio Lower Upper
198 100
51 40.3 21.5 61.5
105 50.9 32.9 72.9

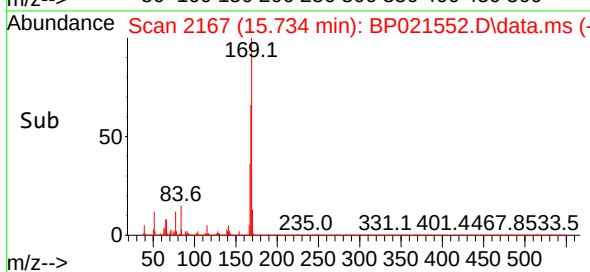
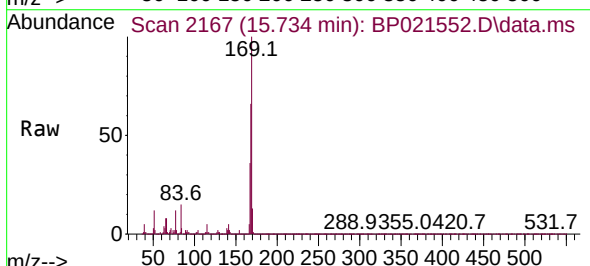
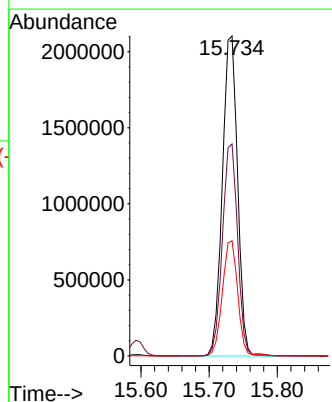
Manual Integrations
APPROVED

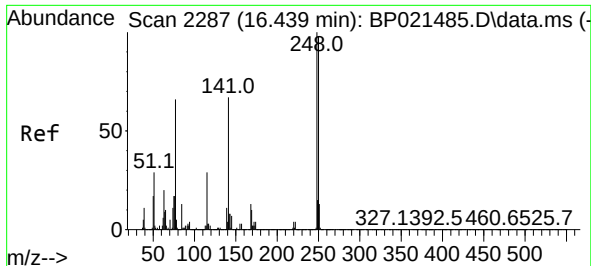
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#66
n-Nitrosodiphenylamine
Concen: 47.087 ng
RT: 15.734 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Tgt Ion:169 Resp: 3260279
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 36.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 45.201 ng
RT: 16.428 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

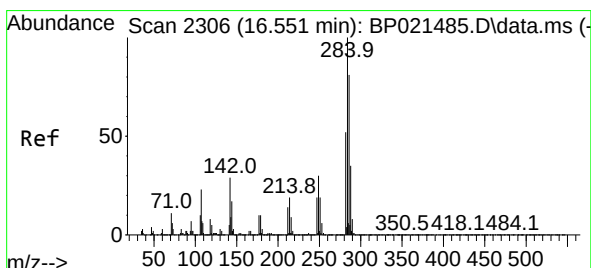
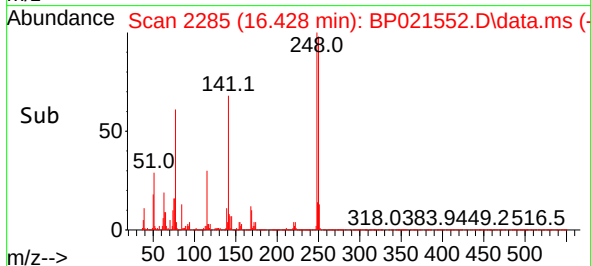
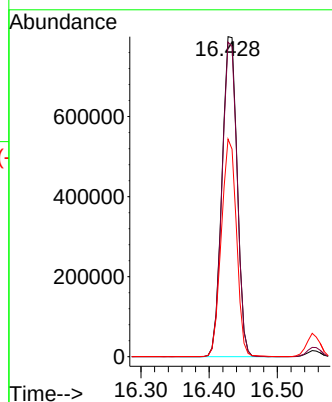
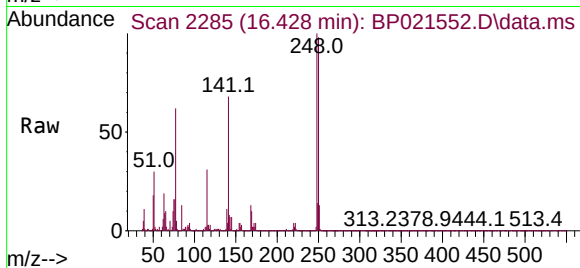
PB162717BS

Tgt Ion:248 Resp: 1236000
Ion Ratio Lower Upper
248 100
250 98.3 78.6 117.8
141 68.0 53.9 80.9

Manual Integrations

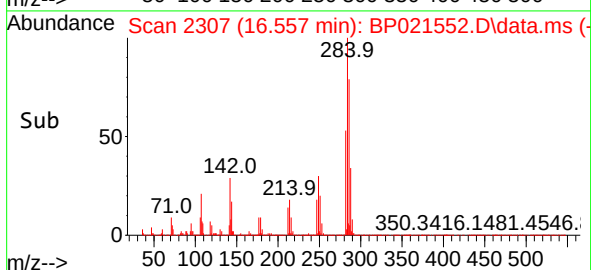
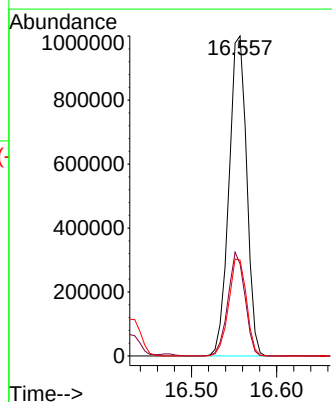
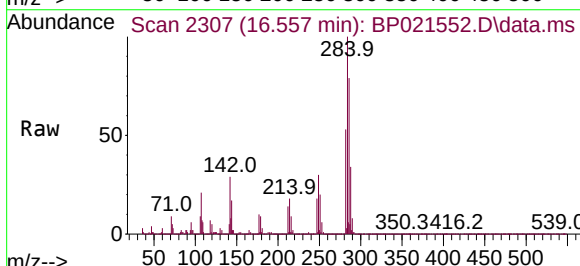
APPROVED

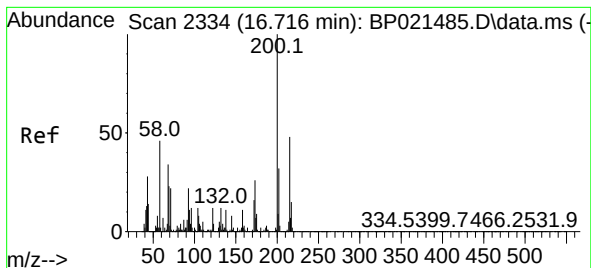
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#68
Hexachlorobenzene
Concen: 44.687 ng
RT: 16.557 min Scan# 2307
Delta R.T. 0.006 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Tgt Ion:284 Resp: 1444083
Ion Ratio Lower Upper
284 100
142 28.9 23.4 35.2
249 29.9 24.1 36.1





#69

Atrazine

Concen: 44.207 ng

RT: 16.710 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:200 Resp: 1050904

Ion Ratio Lower Upper

200 100

173 26.5 6.2 46.2

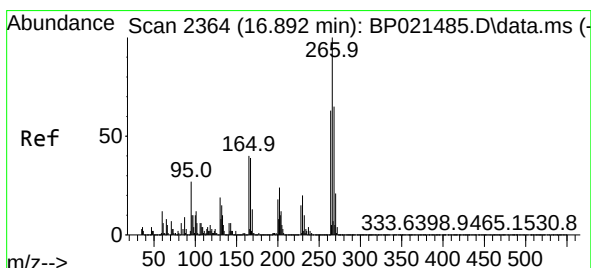
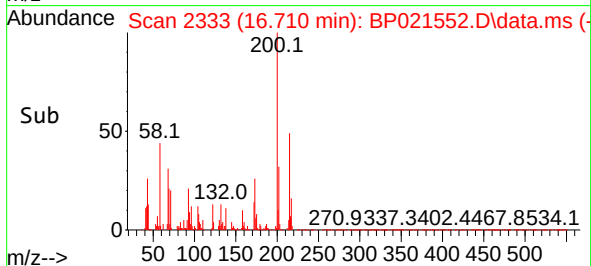
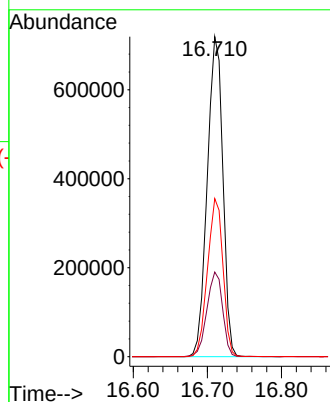
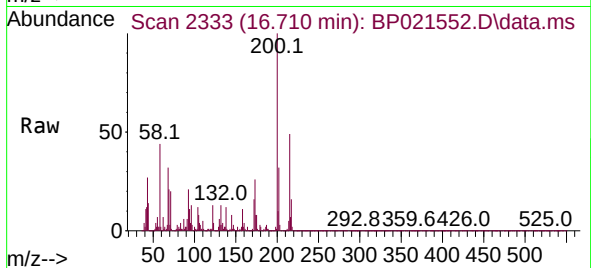
215 49.4 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024

Supervised By :mohammad ahmed 08/21/2024



#70

Pentachlorophenol

Concen: 108.635 ng

RT: 16.904 min Scan# 2366

Delta R.T. 0.012 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

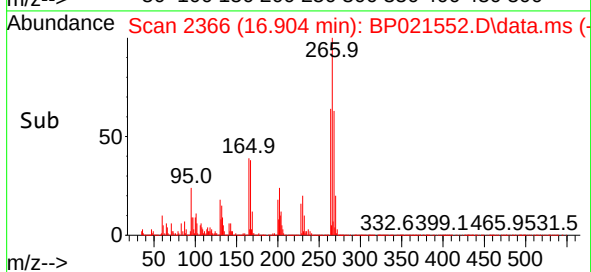
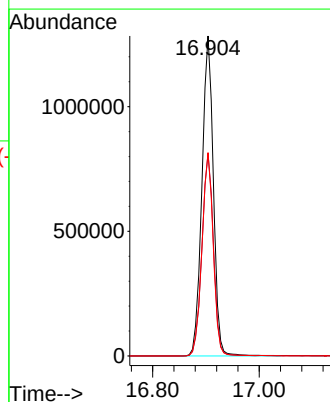
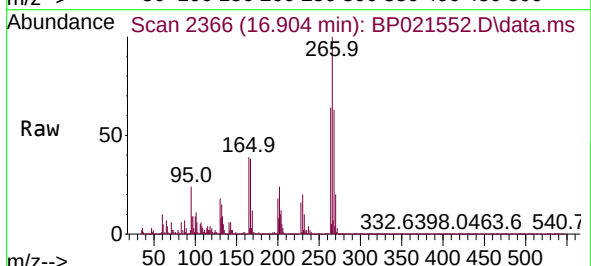
Tgt Ion:266 Resp: 1916075

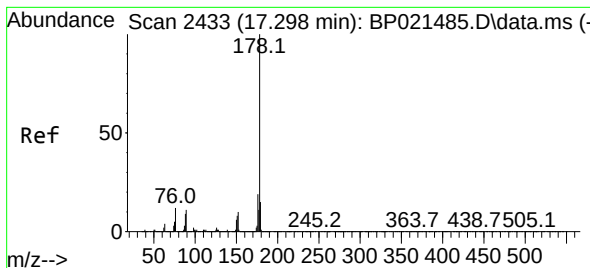
Ion Ratio Lower Upper

266 100

268 63.2 51.8 77.6

264 63.5 50.5 75.7





#71

Phenanthrene

Concen: 47.444 ng

RT: 17.298 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:178 Resp: 5895214

Ion Ratio Lower Upper

178 100

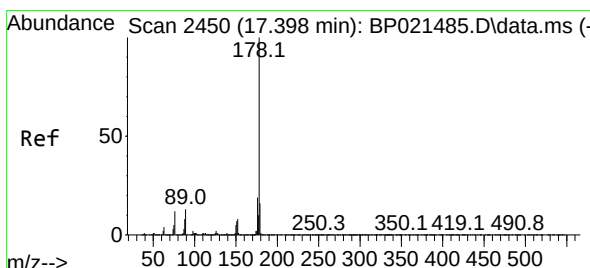
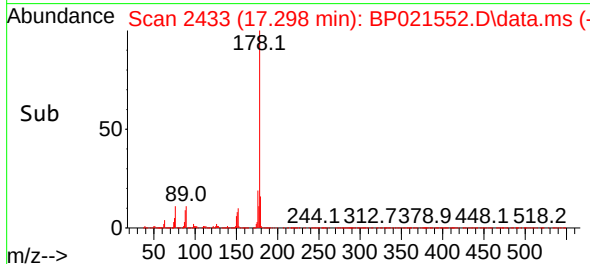
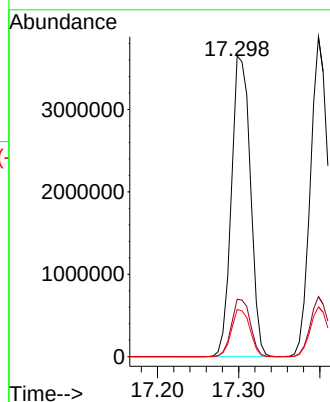
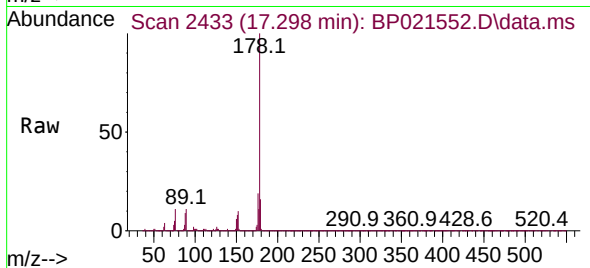
176 19.1 15.4 23.2

179 15.7 12.4 18.6

Manual Integrations

APPROVED

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



#72

Anthracene

Concen: 48.737 ng

RT: 17.398 min Scan# 2450

Delta R.T. -0.000 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

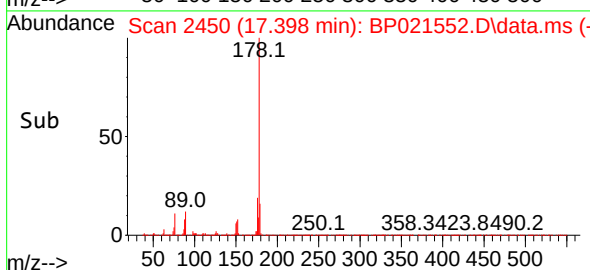
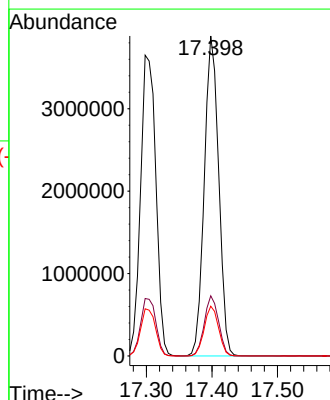
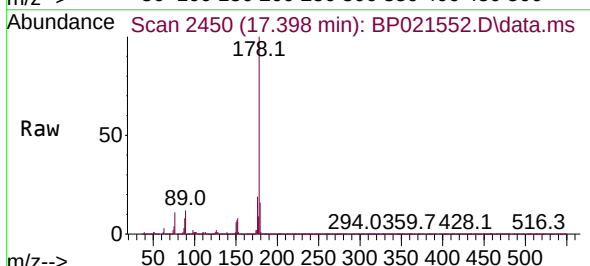
Tgt Ion:178 Resp: 5939142

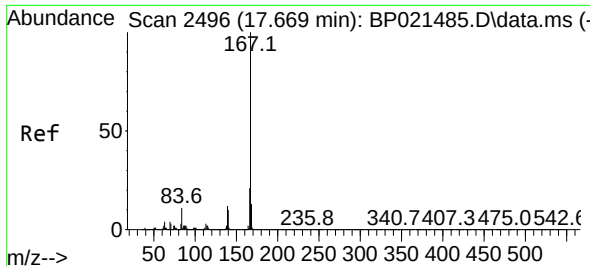
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

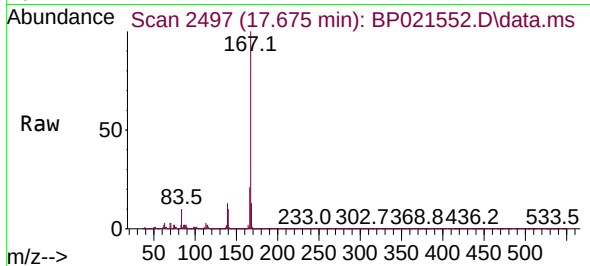
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 48.033 ng
 RT: 17.675 min Scan# 2496
 Delta R.T. 0.006 min
 Lab File: BP021552.D
 Acq: 19 Aug 2024 13:32

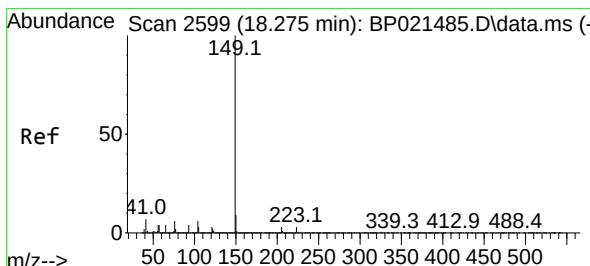
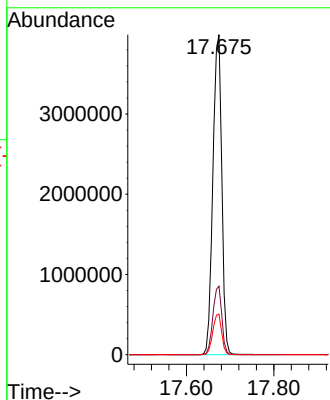
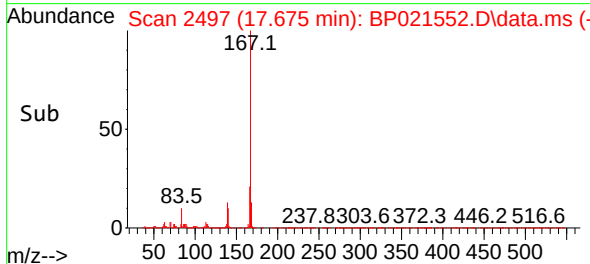
Instrument :
 BNA_P
 ClientSampleId :
 PB162717BS



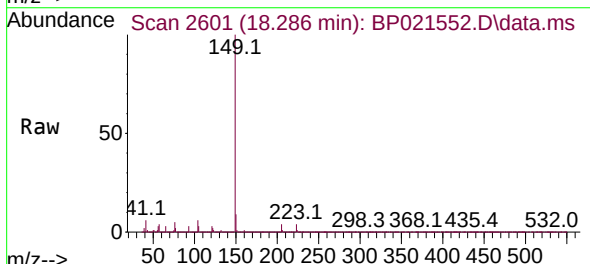
Tgt Ion:167 Resp: 5640978
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 12.7 9.9 14.9

Manual Integrations
 APPROVED

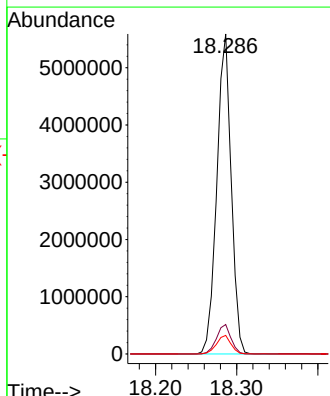
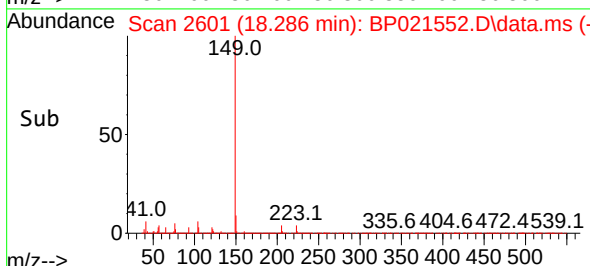
Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024

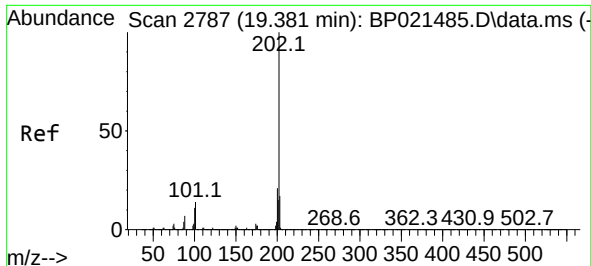


#74
 Di-n-butylphthalate
 Concen: 47.673 ng
 RT: 18.286 min Scan# 2601
 Delta R.T. 0.012 min
 Lab File: BP021552.D
 Acq: 19 Aug 2024 13:32



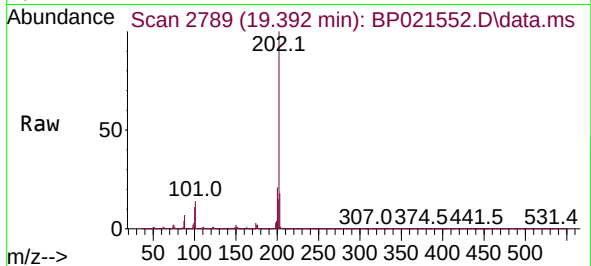
Tgt Ion:149 Resp: 6875913
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.8 4.9 7.3





#75
Fluoranthene
Concen: 46.983 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

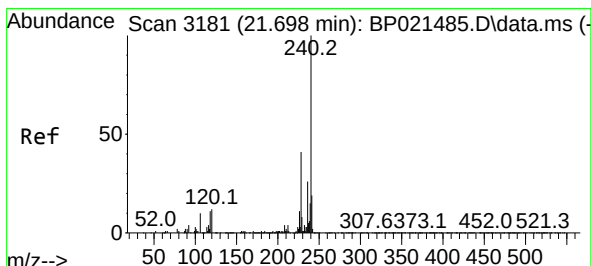
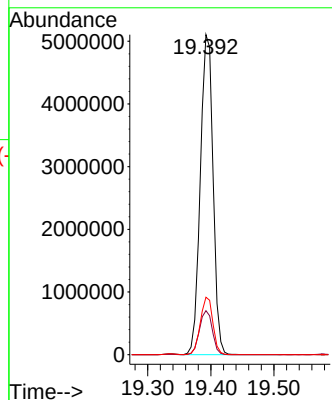
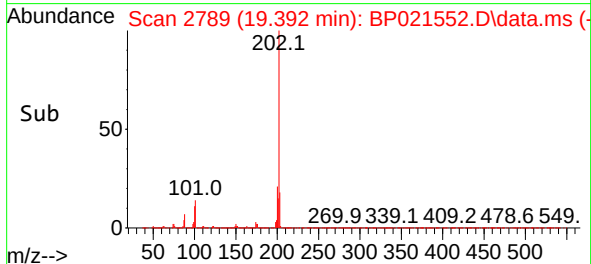
Instrument :
BNA_P
ClientSampleId :
PB162717BS



Tgt Ion:202 Resp: 716306
Ion Ratio Lower Upper
202 100
101 13.7 0.0 34.0
203 18.0 0.0 37.5

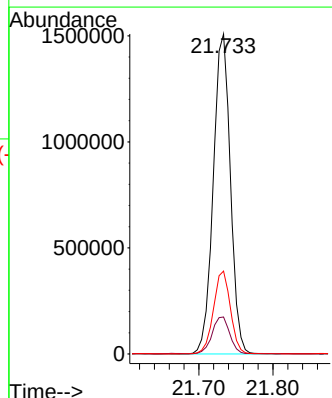
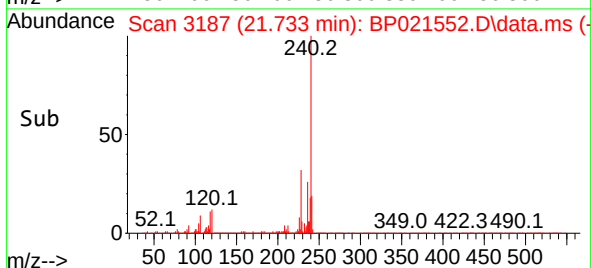
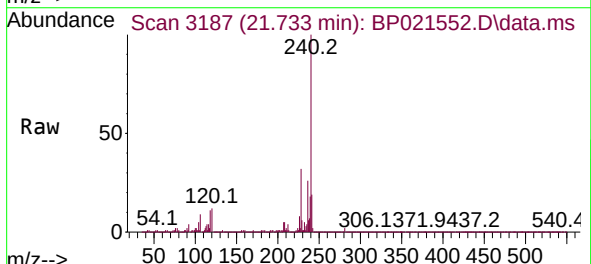
Manual Integrations
APPROVED

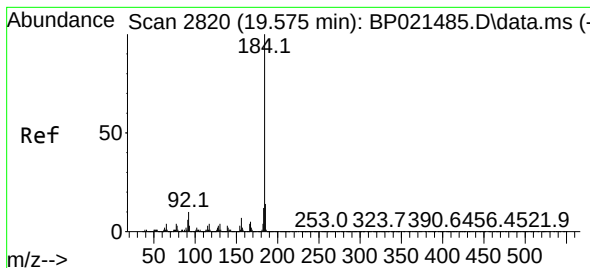
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3187
Delta R.T. 0.035 min
Lab File: BP021552.D
Acq: 19 Aug 2024 13:32

Tgt Ion:240 Resp: 2417793
Ion Ratio Lower Upper
240 100
120 11.6 9.9 14.9
236 25.9 20.6 30.8





#77

Benzidine

Concen: 26.891 ng

RT: 19.580 min Scan# 2820

Delta R.T. 0.005 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:184 Resp: 1505670

Ion Ratio Lower Upper

184 100

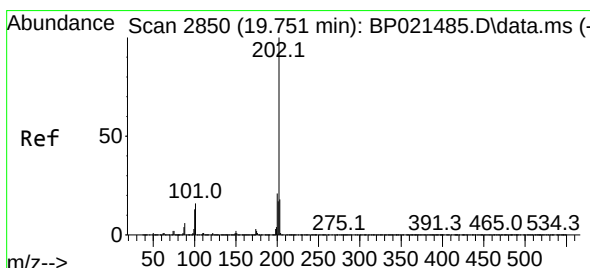
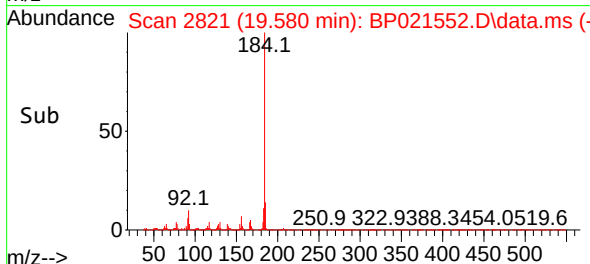
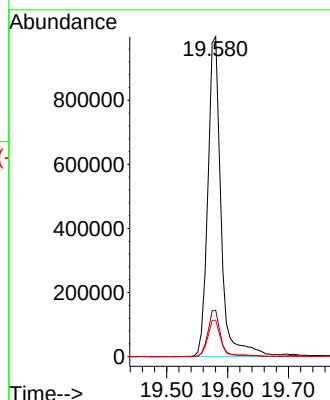
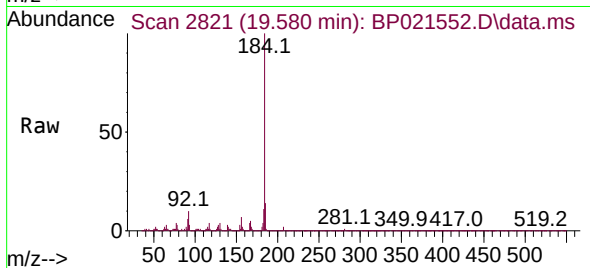
185 14.5 11.4 17.0

183 11.4 9.3 13.9

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 46.848 ng

RT: 19.769 min Scan# 2853

Delta R.T. 0.018 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

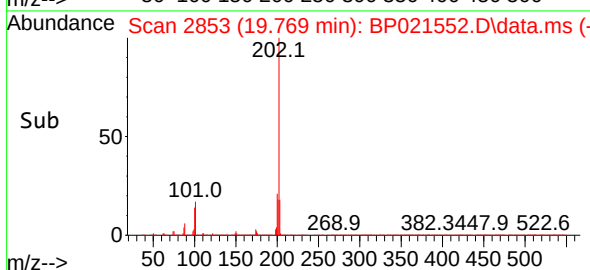
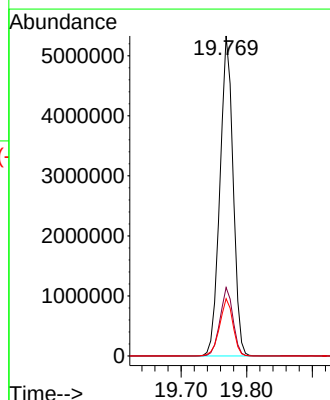
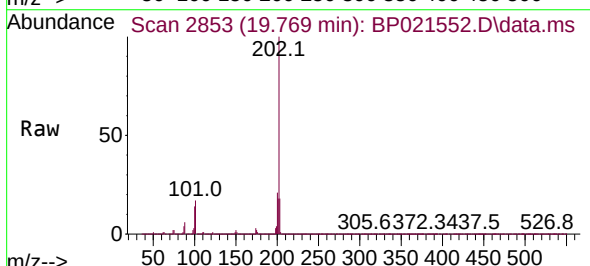
Tgt Ion:202 Resp: 7403379

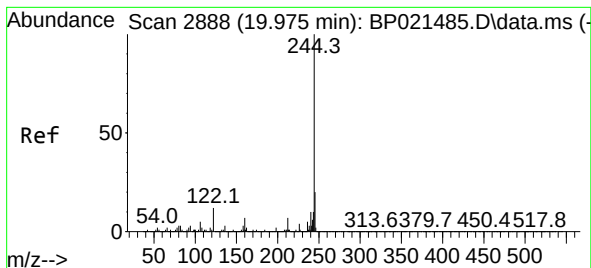
Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 87.769 ng

RT: 19.992 min Scan# 2891

Delta R.T. 0.017 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:244 Resp:1092316

Ion Ratio Lower Upper

244 100

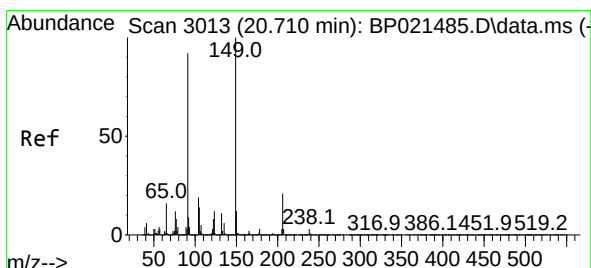
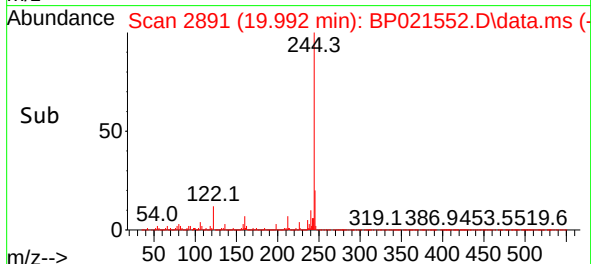
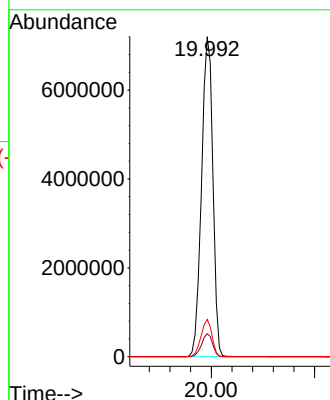
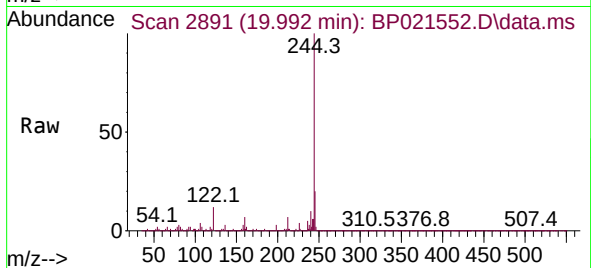
212 7.1 5.6 8.4

122 11.7 9.4 14.2

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 53.816 ng

RT: 20.721 min Scan# 3015

Delta R.T. 0.011 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

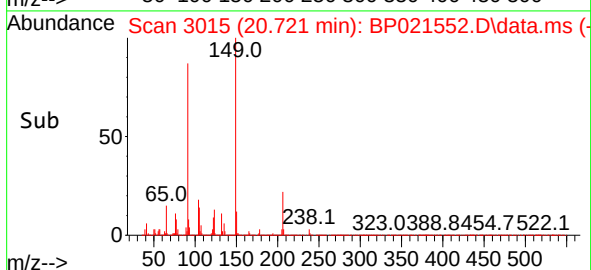
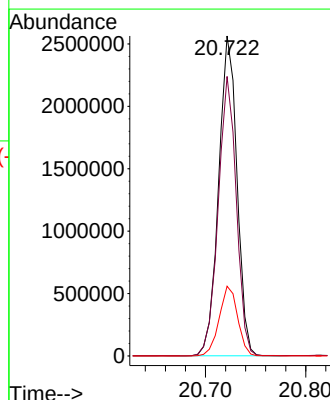
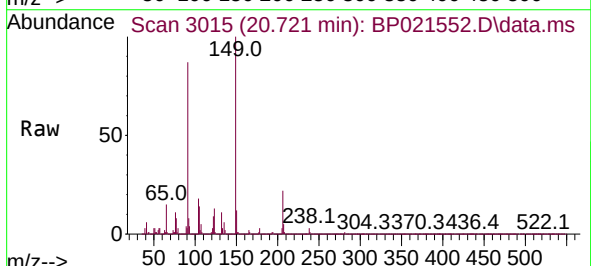
Tgt Ion:149 Resp: 3256081

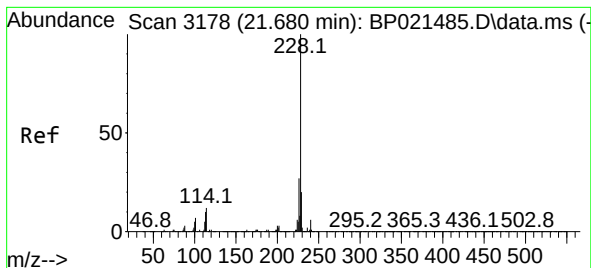
Ion Ratio Lower Upper

149 100

91 87.4 73.3 109.9

206 21.8 17.1 25.7





#81

Benzo(a)anthracene

Concen: 49.053 ng

RT: 21.710 min Scan# 3178

Delta R.T. 0.029 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:228 Resp: 744528

Ion Ratio Lower Upper

228 100

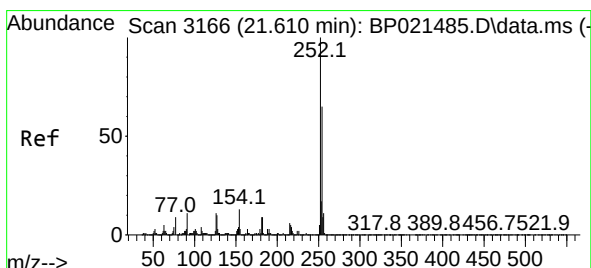
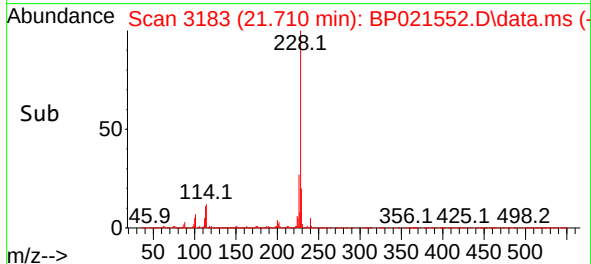
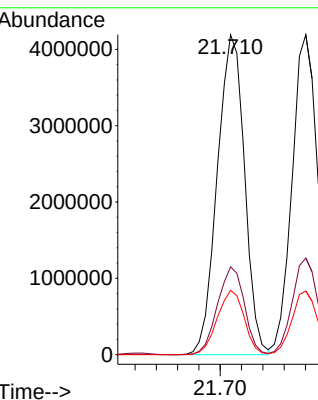
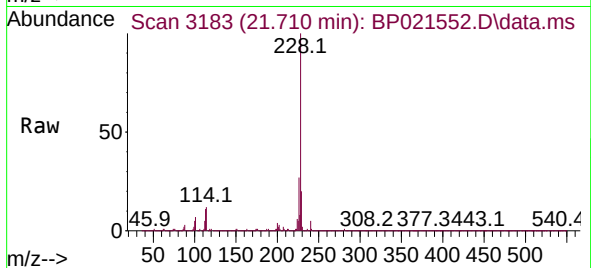
226 27.4 21.4 32.2

229 20.1 15.8 23.6

Manual Integrations

APPROVED

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



#82

3,3'-Dichlorobenzidine

Concen: 44.064 ng

RT: 21.621 min Scan# 3168

Delta R.T. 0.012 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

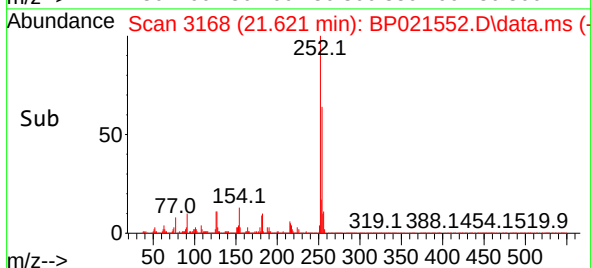
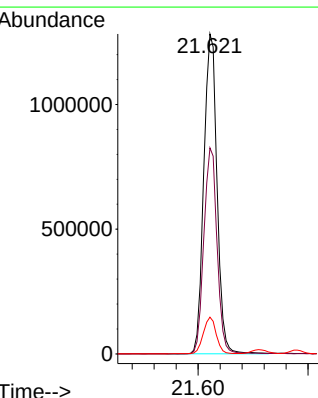
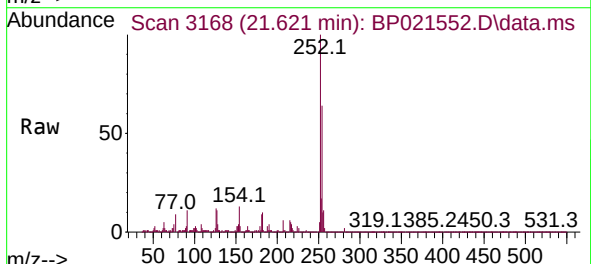
Tgt Ion:252 Resp: 2144331

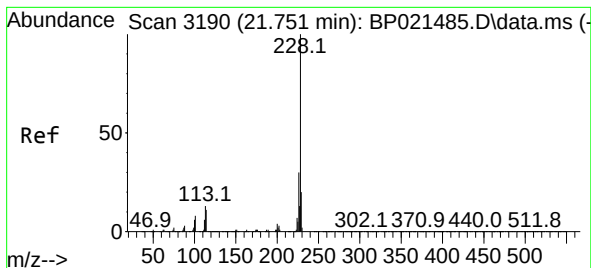
Ion Ratio Lower Upper

252 100

254 64.4 51.7 77.5

126 11.5 8.7 13.1





#83

Chrysene

Concen: 48.645 ng

RT: 21.780 min Scan# 3190

Delta R.T. 0.029 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:228 Resp: 697089

Ion Ratio Lower Upper

228 100

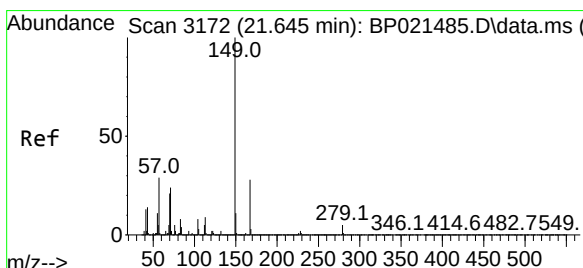
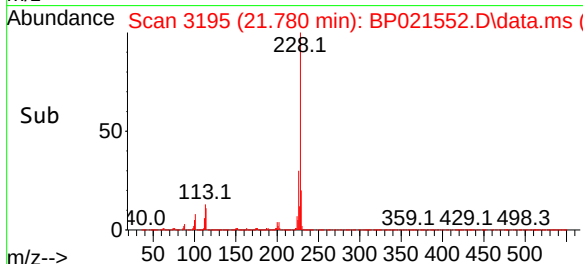
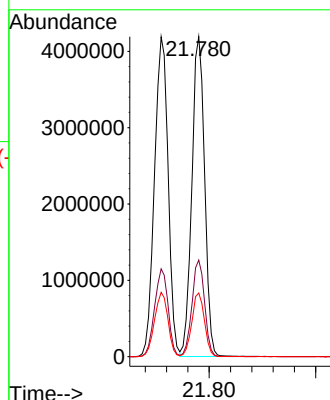
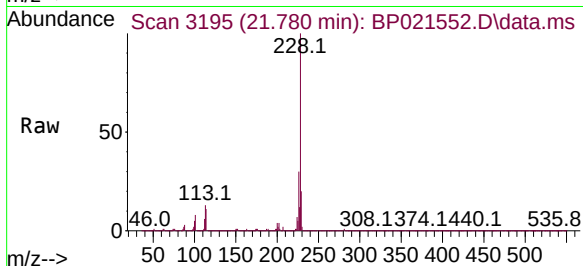
226 30.2 23.9 35.9

229 19.9 15.8 23.6

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.885 ng

RT: 21.669 min Scan# 3176

Delta R.T. 0.023 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

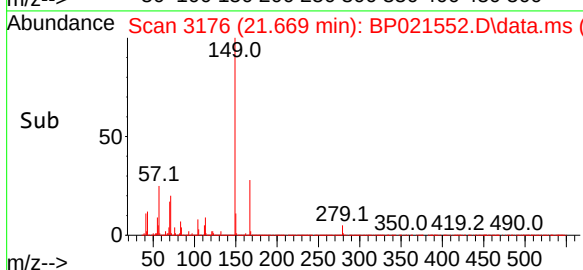
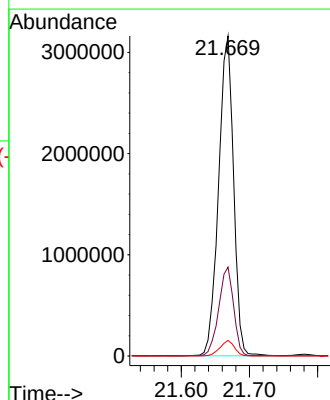
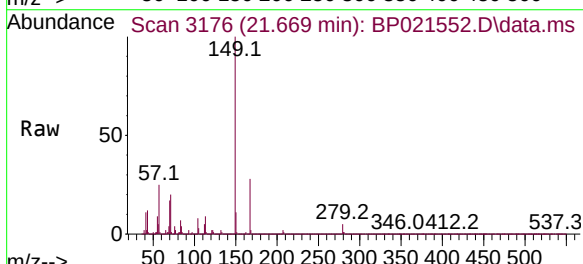
Tgt Ion:149 Resp: 4833902

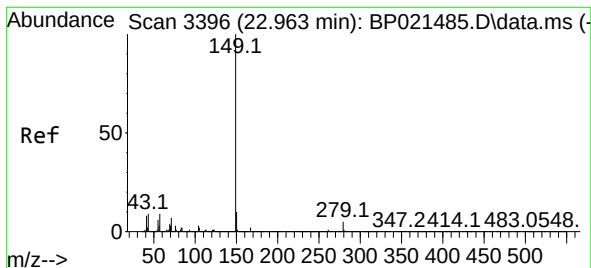
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 53.112 ng

RT: 22.986 min Scan# 34

Delta R.T. 0.023 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:149 Resp: 8459710

Ion Ratio Lower Upper

149 100

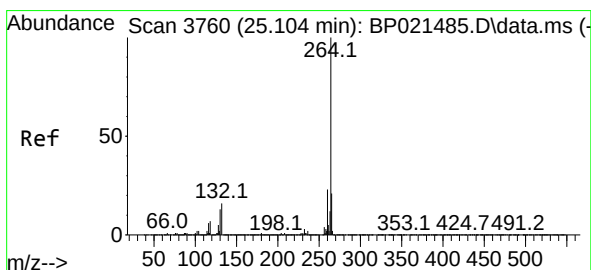
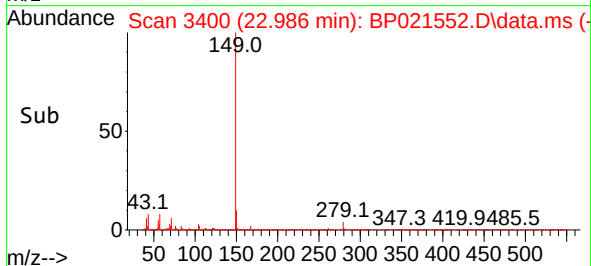
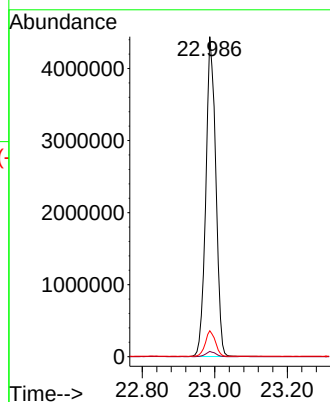
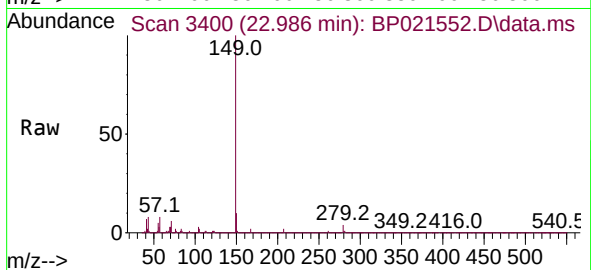
167 1.6 1.3 1.9

43 8.0 7.3 10.9

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.162 min Scan# 3770

Delta R.T. 0.059 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

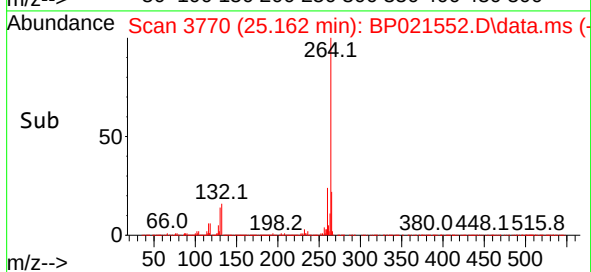
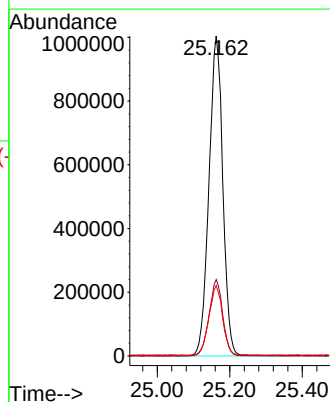
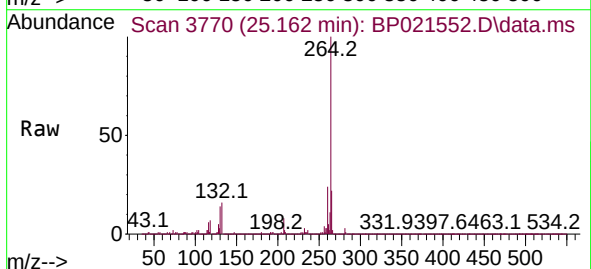
Tgt Ion:264 Resp: 2661942

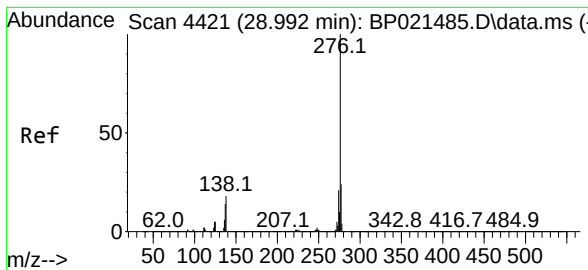
Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.0 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.338 ng m
 RT: 29.068 min Scan# 4421
 Delta R.T. 0.076 min
 Lab File: BP021552.D
 Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

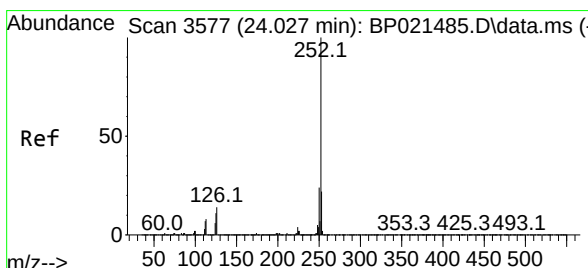
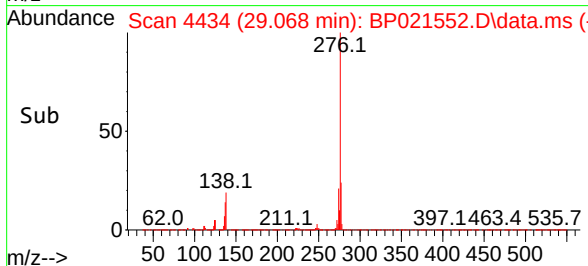
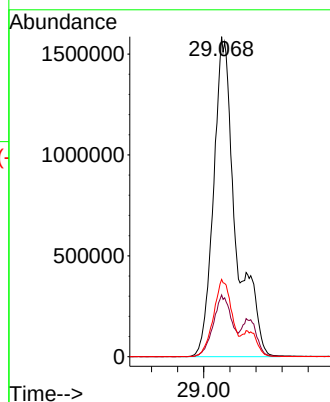
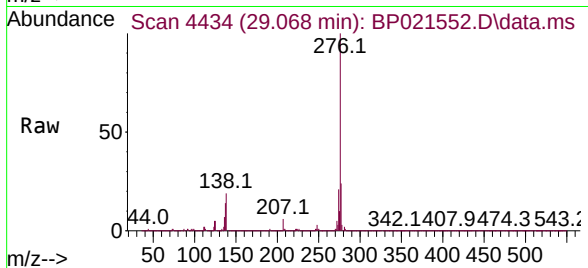
PB162717BS

Tgt Ion:276 Resp: 9376030
 Ion Ratio Lower Upper
 276 100
 138 16.1 12.8 19.2
 277 20.1 16.5 24.7

Manual Integrations

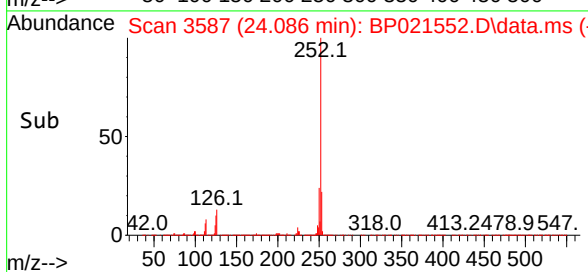
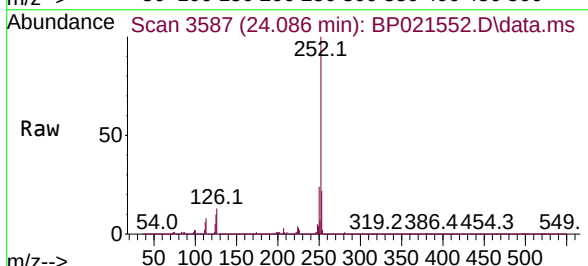
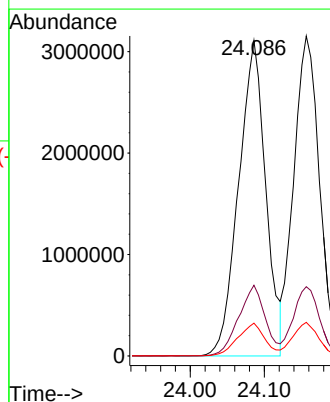
APPROVED

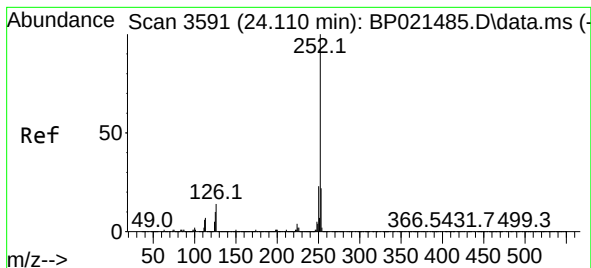
Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024



#88
 Benzo(b)fluoranthene
 Concen: 51.635 ng
 RT: 24.086 min Scan# 3587
 Delta R.T. 0.059 min
 Lab File: BP021552.D
 Acq: 19 Aug 2024 13:32

Tgt Ion:252 Resp: 7894043
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.6 26.4
 125 10.4 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 50.604 ng

RT: 24.157 min Scan# 31

Delta R.T. 0.047 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:252 Resp: 7546849

Ion Ratio Lower Upper

252 100

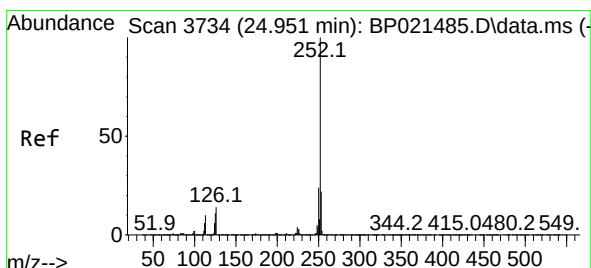
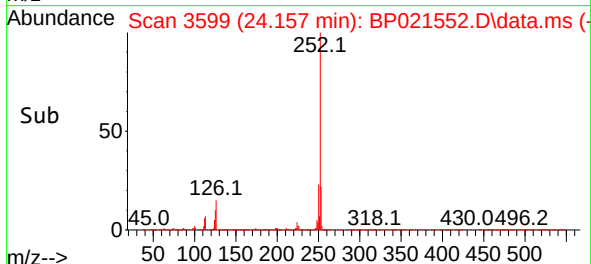
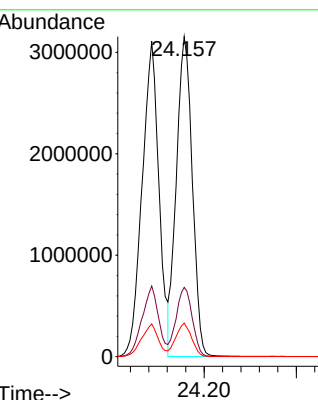
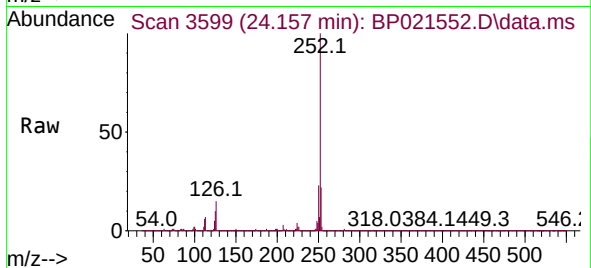
253 21.7 17.5 26.3

125 10.5 7.8 11.8

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 54.898 ng

RT: 25.015 min Scan# 3745

Delta R.T. 0.065 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

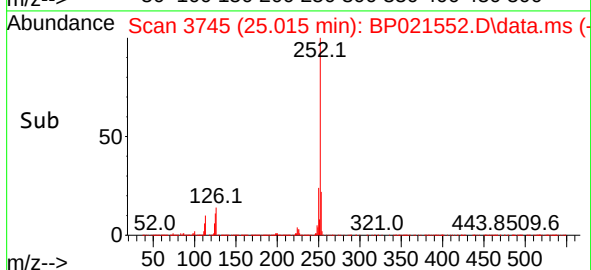
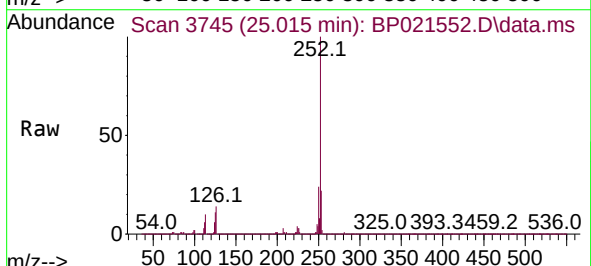
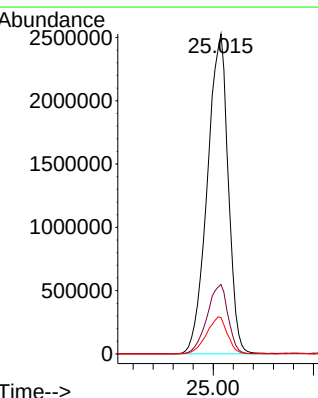
Tgt Ion:252 Resp: 7283399

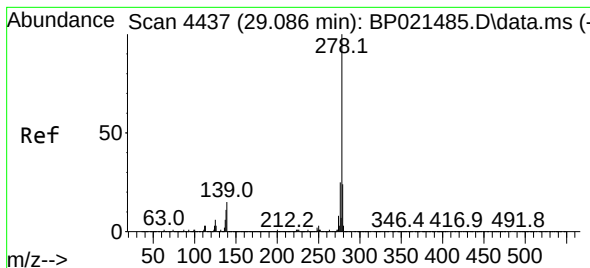
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 11.3 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 53.723 ng

RT: 29.180 min Scan# 4437

Delta R.T. 0.094 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:278 Resp: 7702220

Ion Ratio Lower Upper

278 100

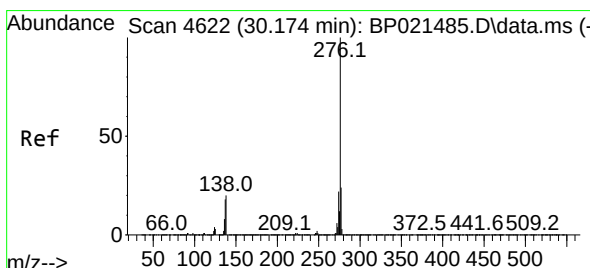
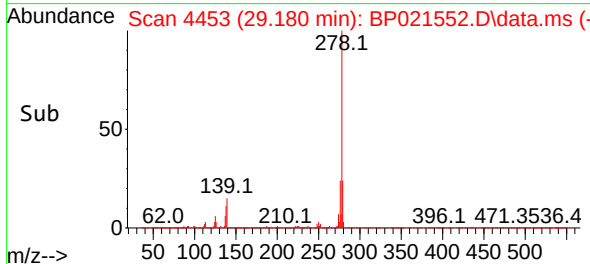
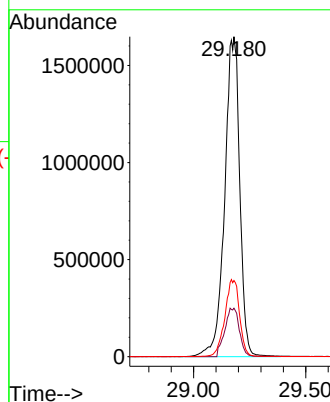
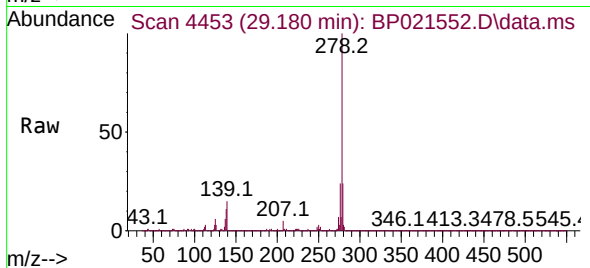
139 15.2 12.2 18.4

279 23.8 19.1 28.7

Manual Integrations

APPROVED

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



#92

Benzo(g,h,i)perylene

Concen: 51.702 ng

RT: 30.303 min Scan# 4644

Delta R.T. 0.129 min

Lab File: BP021552.D

Acq: 19 Aug 2024 13:32

Tgt Ion:276 Resp: 7429530

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 21.4 16.0 24.0

