

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019891.D
 Acq On : 27 Feb 2024 11:54
 Operator : MA/JU
 Sample : PB159140BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159140BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 27 12:21:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	90997	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	356872	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	235427	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	474849	20.000	ng	0.00
76) Chrysene-d12	21.398	240	341149	20.000	ng	-0.01
86) Perylene-d12	23.821	264	333884	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	796188	143.613	ng	0.00
7) Phenol-d6	7.075	99	1058448	128.232	ng	0.00
23) Nitrobenzene-d5	9.075	82	718204	81.247	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	531726	131.721	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1681573	96.505	ng	0.00
79) Terphenyl-d14	19.869	244	2187894	101.083	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	70462	36.746	ng	98
3) Pyridine	3.775	79	186623	31.820	ng	99
4) n-Nitrosodimethylamine	3.699	42	110946	45.905	ng	96
6) Aniline	7.234	93	245614	24.257	ng	97
8) 2-Chlorophenol	7.463	128	288335	48.230	ng	99
9) Benzaldehyde	7.046	77	62592m	13.285	ng	
10) Phenol	7.105	94	376935	45.797	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	271944	41.951	ng	99
12) 1,3-Dichlorobenzene	7.787	146	305810	47.115	ng	99
13) 1,4-Dichlorobenzene	7.934	146	315752	48.040	ng	100
14) 1,2-Dichlorobenzene	8.246	146	303013	45.957	ng	98
15) Benzyl Alcohol	8.152	79	301591m	41.417	ng	
16) 2,2'-oxybis(1-Chloropr...	8.422	45	267117m	38.594	ng	
17) 2-Methylphenol	8.352	107	248166	40.316	ng	98
18) Hexachloroethane	8.963	117	119239	46.816	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	230613	36.984	ng	97
20) 3+4-Methylphenols	8.681	107	344361	38.934	ng	98
22) Acetophenone	8.734	105	448791	40.491	ng	98
24) Nitrobenzene	9.116	77	354957	41.477	ng	99
25) Isophorone	9.646	82	621883	40.418	ng	99
26) 2-Nitrophenol	9.822	139	158822	46.381	ng	98
27) 2,4-Dimethylphenol	9.881	122	223263	39.495	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	360749	42.013	ng	98
29) 2,4-Dichlorophenol	10.351	162	306328	48.581	ng	98
30) 1,2,4-Trichlorobenzene	10.563	180	335893	48.489	ng	97
31) Naphthalene	10.751	128	851202	44.548	ng	99
32) Benzoic acid	10.063	122	210112	43.870	ng	96
33) 4-Chloroaniline	10.881	127	160804	18.523	ng	99
34) Hexachlorobutadiene	11.016	225	242115	48.063	ng	98
35) Caprolactam	11.693	113	79938	34.378	ng	94
36) 4-Chloro-3-methylphenol	12.004	107	324738	41.749	ng	100
37) 2-Methylnaphthalene	12.363	142	608959	41.055	ng	98
38) 1-Methylnaphthalene	12.581	142	583976	41.608	ng	96
40) 1,2,4,5-Tetrachloroben...	12.728	216	429631	53.424	ng	100
41) Hexachlorocyclopentadiene	12.692	237	511457	122.826	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	272955	51.406	ng	99

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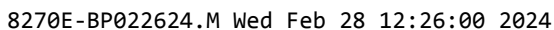
Quant Time: Feb 27 12:21:50 2024
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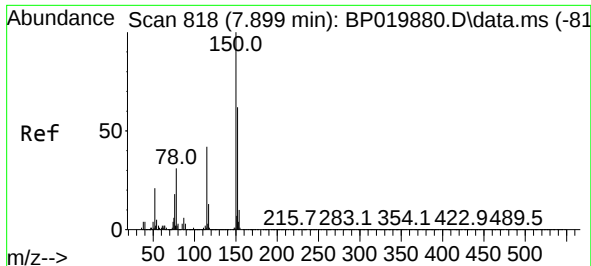
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	297211	46.989	ng	97
46) 1,1'-Biphenyl	13.381	154	844877	50.121	ng	99
47) 2-Chloronaphthalene	13.422	162	675589	51.635	ng	99
48) 2-Nitroaniline	13.639	65	203171	42.964	ng	97
49) Acenaphthylene	14.263	152	1039902	49.058	ng	100
50) Dimethylphthalate	14.016	163	810560	42.176	ng	99
51) 2,6-Dinitrotoluene	14.139	165	178150	43.070	ng	100
52) Acenaphthene	14.604	154	588771	46.259	ng	99
53) 3-Nitroaniline	14.469	138	100904	24.644	ng	95
54) 2,4-Dinitrophenol	14.686	184	240215	89.091	ng	98
55) Dibenzofuran	14.945	168	998588	45.971	ng	99
56) 4-Nitrophenol	14.786	139	259120	80.902	ng	97
57) 2,4-Dinitrotoluene	14.928	165	242976	41.275	ng	98
58) Fluorene	15.598	166	793437	45.038	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	265900	45.820	ng	97
60) Diethylphthalate	15.381	149	761954	40.131	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	459892	45.646	ng	99
62) 4-Nitroaniline	15.639	138	150157m	35.210	ng	
63) Azobenzene	15.886	77	758105	42.890	ng	100
65) 4,6-Dinitro-2-methylph...	15.692	198	150952	46.836	ng	98
66) n-Nitrosodiphenylamine	15.816	169	666245	48.897	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	291123	49.583	ng	99
68) Hexachlorobenzene	16.592	284	335649	53.008	ng	99
69) Atrazine	16.780	200	219348	38.475	ng	98
70) Pentachlorophenol	16.945	266	420765	89.900	ng	99
71) Phenanthrene	17.345	178	1159714	45.755	ng	100
72) Anthracene	17.439	178	1151522	44.505	ng	99
73) Carbazole	17.716	167	950688	41.486	ng	99
74) Di-n-butylphthalate	18.269	149	1110175	38.736	ng	100
75) Fluoranthene	19.316	202	1256923	38.212	ng	100
77) Benzidine	19.504	184	302855	30.905	ng	99
78) Pyrene	19.669	202	1260443	53.775	ng	99
80) Butylbenzylphthalate	20.557	149	419739	44.782	ng	97
81) Benzo(a)anthracene	21.386	228	1128648	46.608	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	343833	37.020	ng	97
83) Chrysene	21.439	228	1046296	46.110	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	563467	41.879	ng	99
85) Di-n-octyl phthalate	22.263	149	901929	40.279	ng	99
87) Indeno(1,2,3-cd)pyrene	26.356	276	1216466	51.752	ng	99
88) Benzo(b)fluoranthene	23.080	252	1066245	52.088	ng	99
89) Benzo(k)fluoranthene	23.133	252	956641	47.652	ng	100
90) Benzo(a)pyrene	23.715	252	923015	47.183	ng	99
91) Dibenzo(a,h)anthracene	26.386	278	1004103	50.814	ng	99
92) Benzo(g,h,i)perylene	27.139	276	984524	51.612	ng	99

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

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

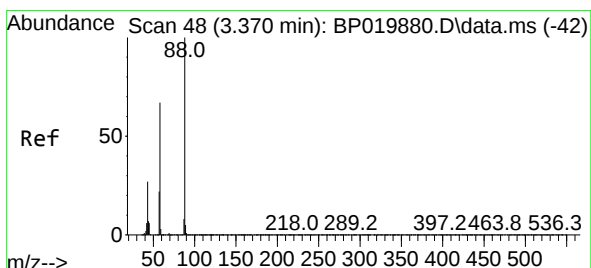
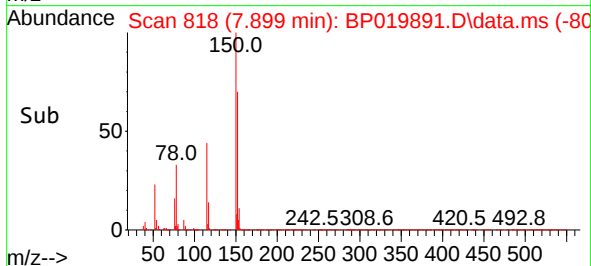
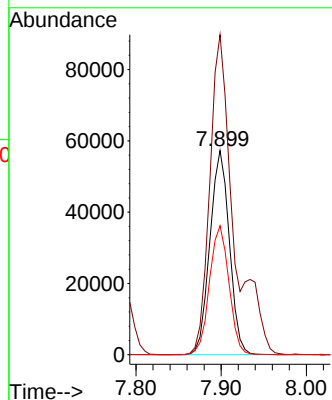
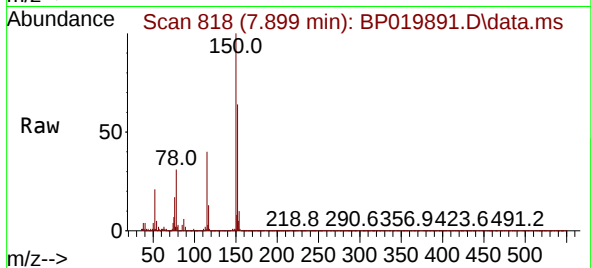
ClientSampleId :

PB159140BS

Tgt Ion:152 Resp: 9099
Ion Ratio Lower Upper
152 100
150 156.8 128.6 192.8
115 63.2 53.4 80.2

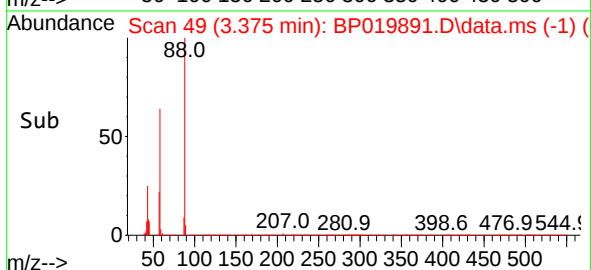
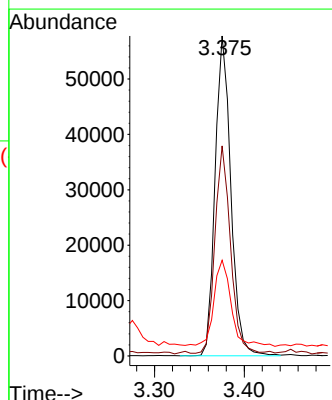
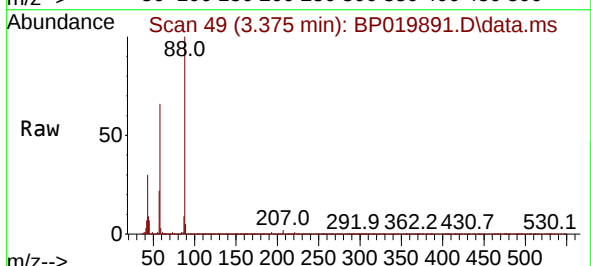
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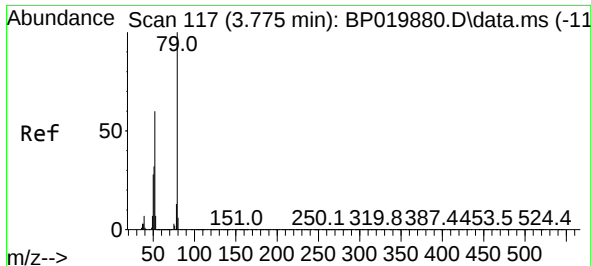
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#2
1,4-Dioxane
Concen: 36.746 ng
RT: 3.375 min Scan# 49
Delta R.T. 0.005 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion: 88 Resp: 70462
Ion Ratio Lower Upper
88 100
58 63.9 52.0 78.0
43 29.6 21.6 32.4





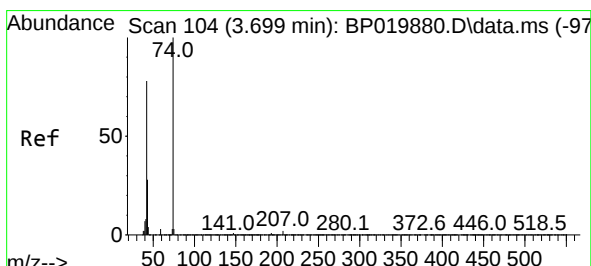
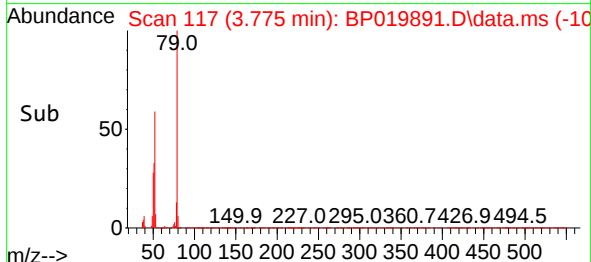
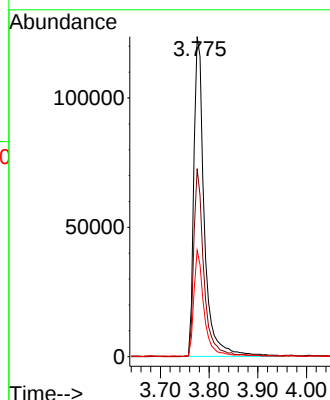
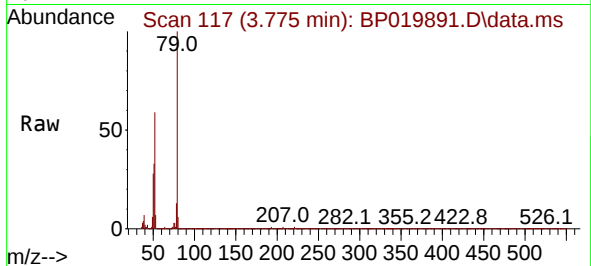
#3
Pyridine
Concen: 31.820 ng
RT: 3.775 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159140BS

Tgt Ion: 79 Resp: 18662
Ion Ratio Lower Upper
79 100
52 58.7 47.8 71.8
51 33.3 26.2 39.2

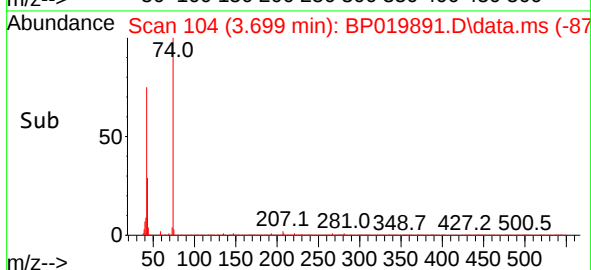
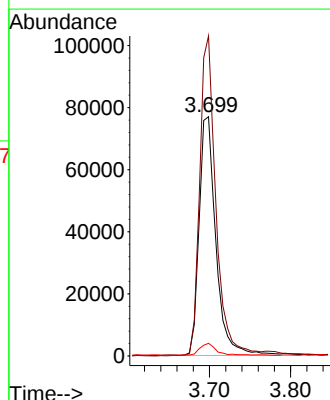
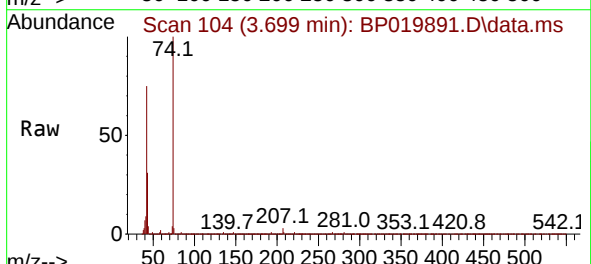
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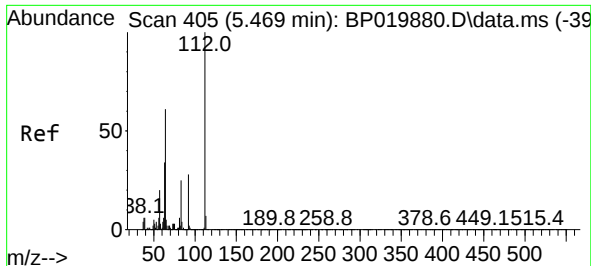
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#4
n-Nitrosodimethylamine
Concen: 45.905 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion: 42 Resp: 110946
Ion Ratio Lower Upper
42 100
74 133.8 103.0 154.4
44 5.3 4.6 6.8





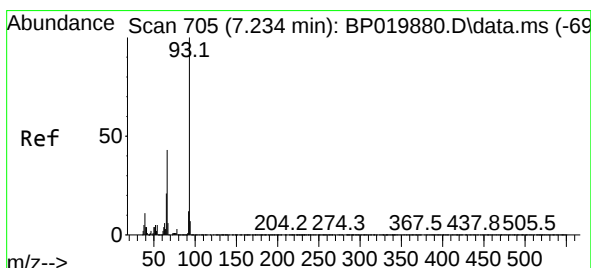
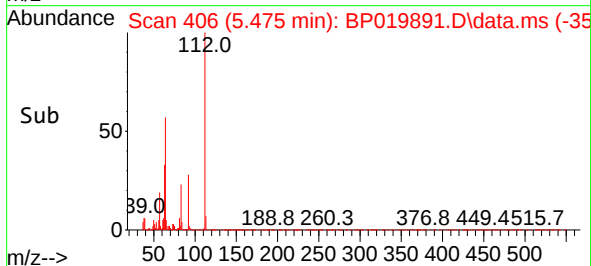
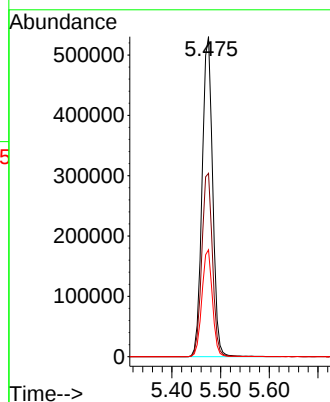
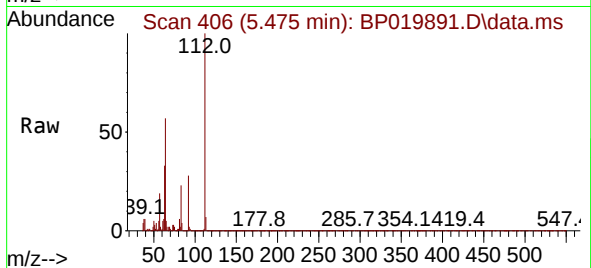
#5
2-Fluorophenol
Concen: 143.613 ng
RT: 5.475 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159140BS

Tgt Ion:112 Resp: 796188
Ion Ratio Lower Upper
112 100
64 57.3 49.0 73.6
63 33.4 27.6 41.4

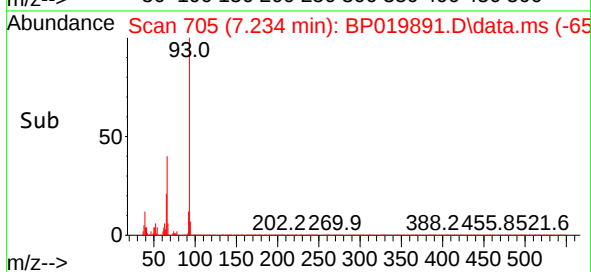
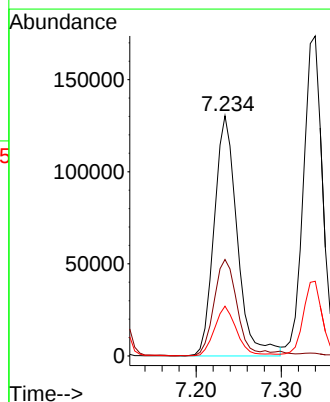
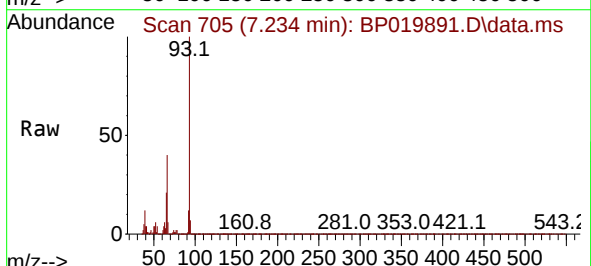
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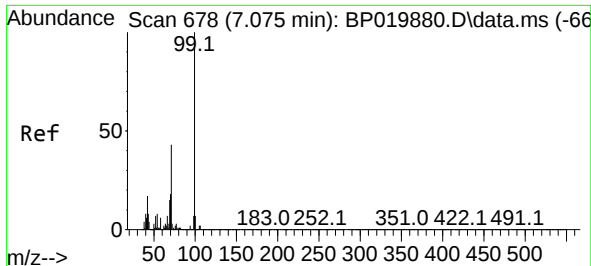
Reviewed By :Jagrut Upadhyay 02/28/2024
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#6
Aniline
Concen: 24.257 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

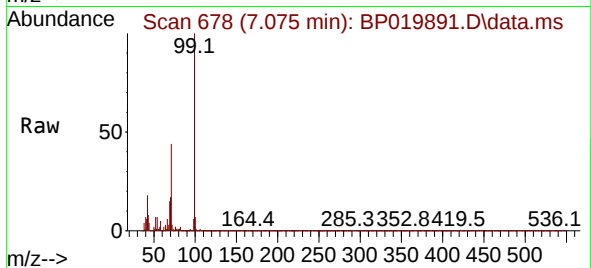
Tgt Ion: 93 Resp: 245614
Ion Ratio Lower Upper
93 100
66 40.2 34.5 51.7
65 20.7 16.5 24.7





#7
Phenol-d6
Concen: 128.232 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

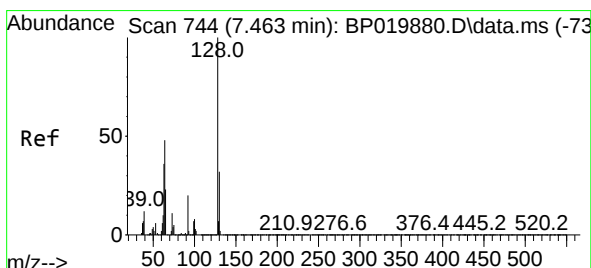
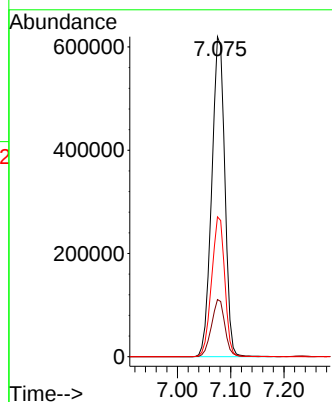
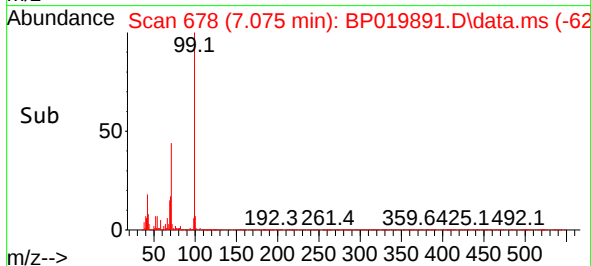
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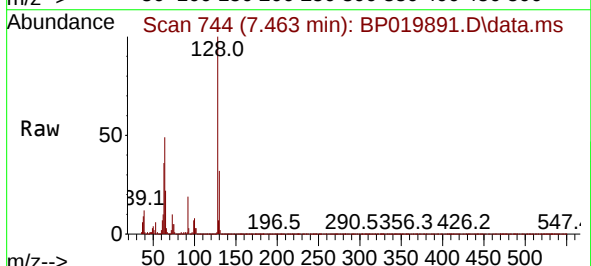
Tgt Ion: 99 Resp: 105844
Ion Ratio Lower Upper
99 100
42 17.8 13.8 20.8
71 43.7 34.5 51.7

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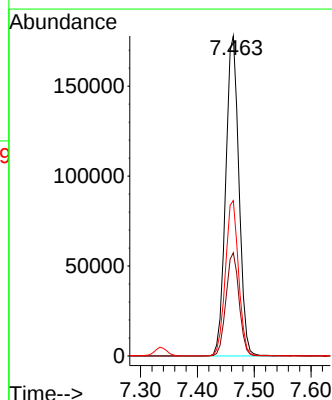
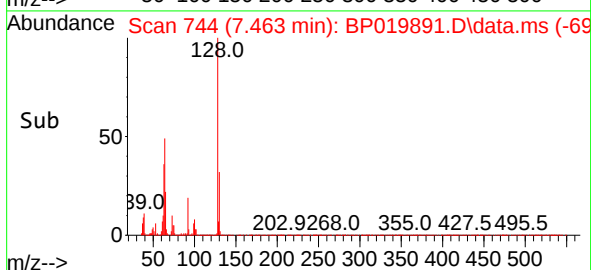
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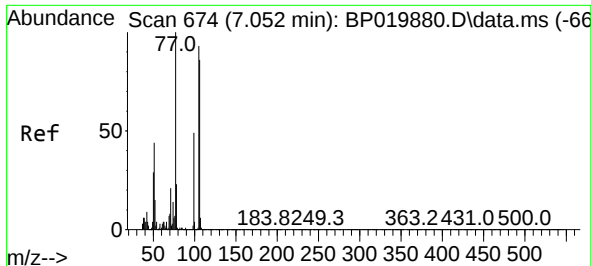


#8
2-Chlorophenol
Concen: 48.230 ng
RT: 7.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54



Tgt Ion:128 Resp: 288335
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 48.5 29.2 69.2





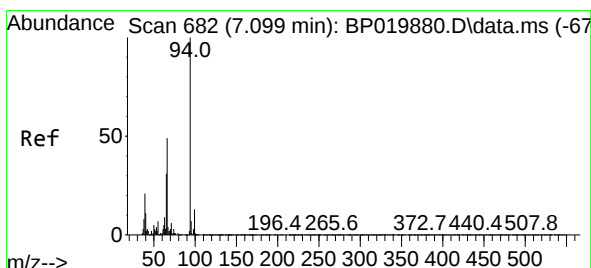
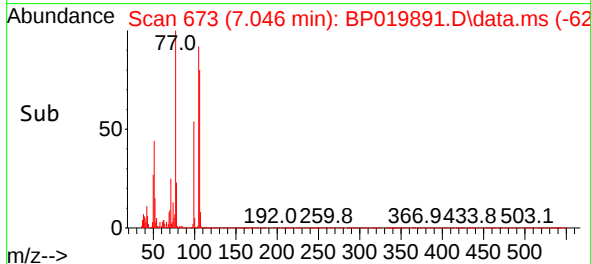
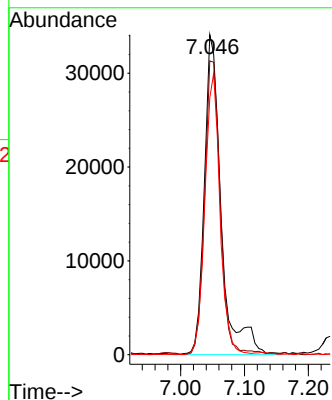
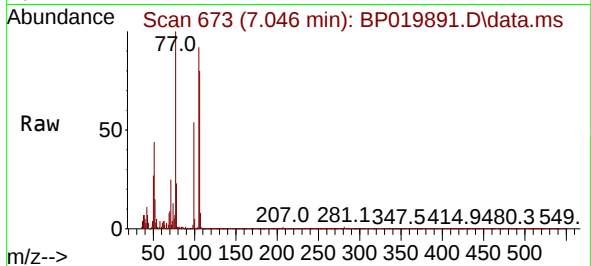
#9
Benzaldehyde
Concen: 13.285 ng m
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :
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ClientSampleId :
PB159140BS

Tgt Ion: 77 Resp: 62592
Ion Ratio Lower Upper
77 100
105 91.8 73.2 113.2
106 80.3 66.3 106.3

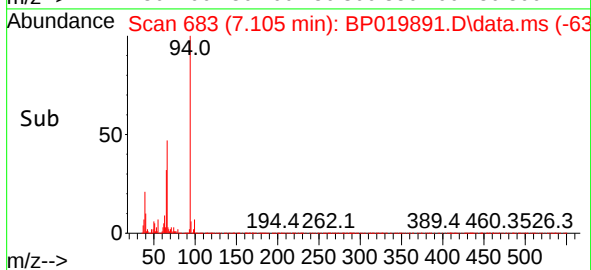
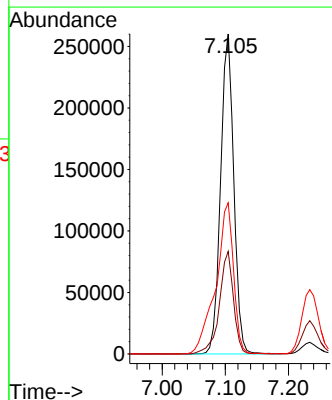
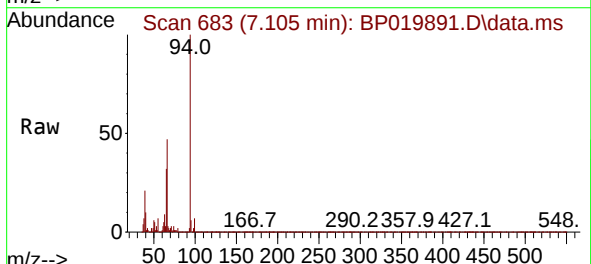
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#10
Phenol
Concen: 45.797 ng
RT: 7.105 min Scan# 683
Delta R.T. 0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

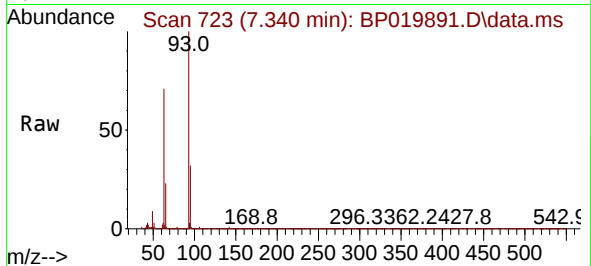
Tgt Ion: 94 Resp: 376935
Ion Ratio Lower Upper
94 100
65 32.1 11.5 51.5
66 47.3 29.2 69.2





#11
bis(2-Chloroethyl)ether
Concen: 41.951 ng
RT: 7.340 min Scan# 719
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

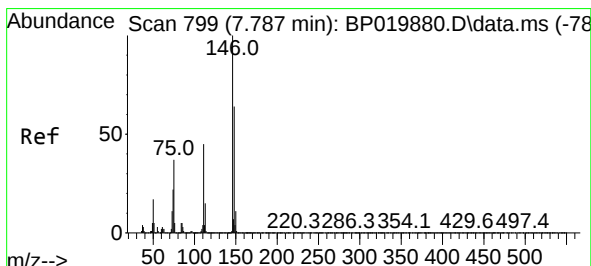
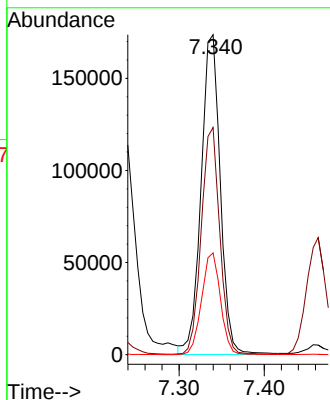
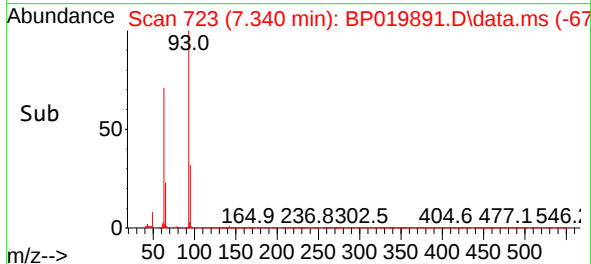
Instrument :
BNA_P
ClientSampleId :
PB159140BS



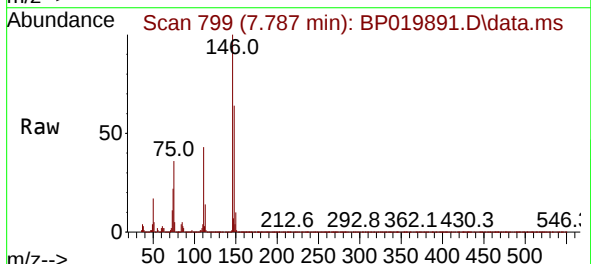
Tgt Ion: 93 Resp: 271944
Ion Ratio Lower Upper
93 100
63 71.0 52.0 92.0
95 31.8 11.6 51.6

Manual Integrations
APPROVED

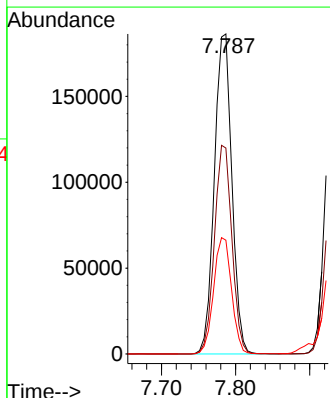
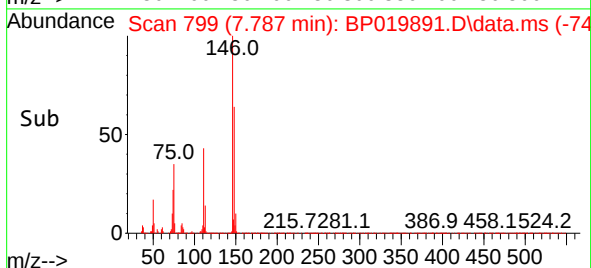
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

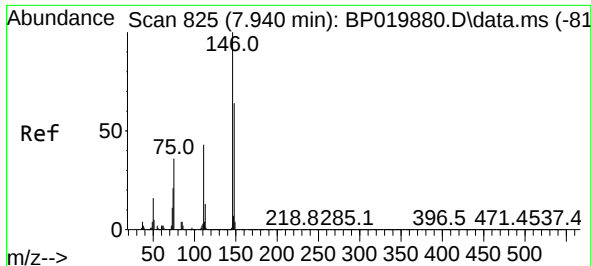


#12
1,3-Dichlorobenzene
Concen: 47.115 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54



Tgt Ion:146 Resp: 305810
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
75 35.5 29.8 44.8





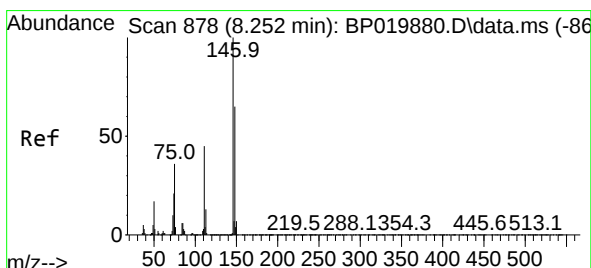
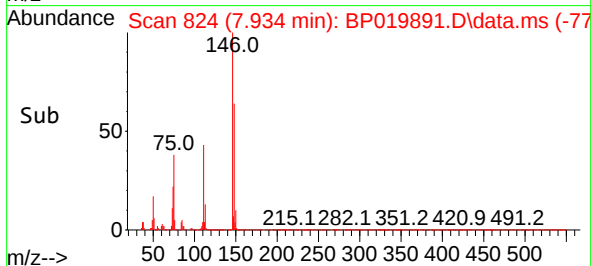
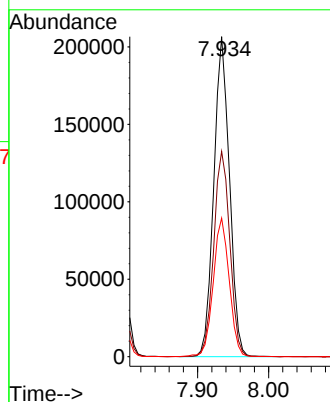
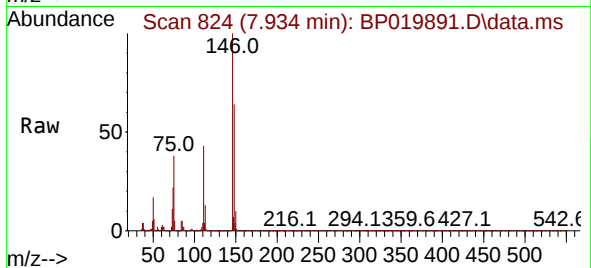
#13
1,4-Dichlorobenzene
Concen: 48.040 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159140BS

Tgt Ion:146 Resp: 31575
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 43.3 34.6 52.0

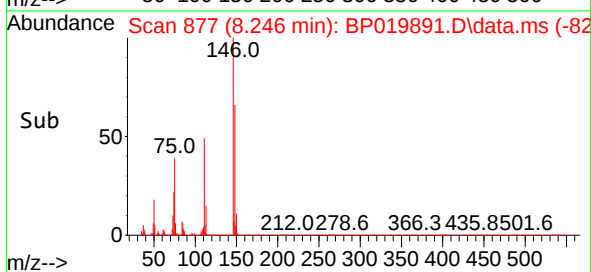
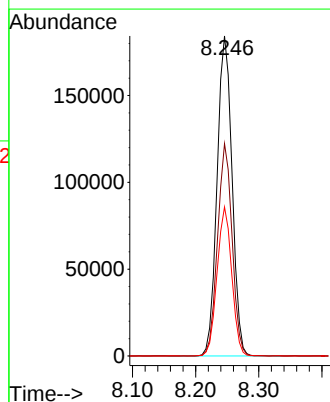
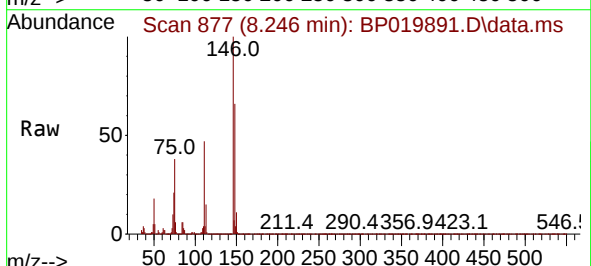
Manual Integrations
APPROVED

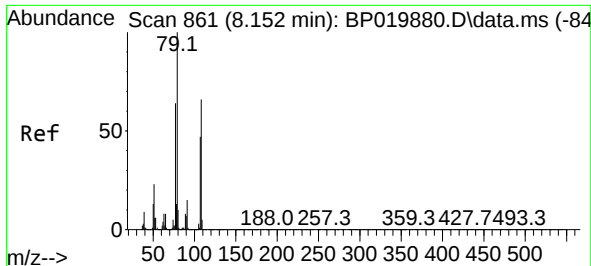
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#14
1,2-Dichlorobenzene
Concen: 45.957 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

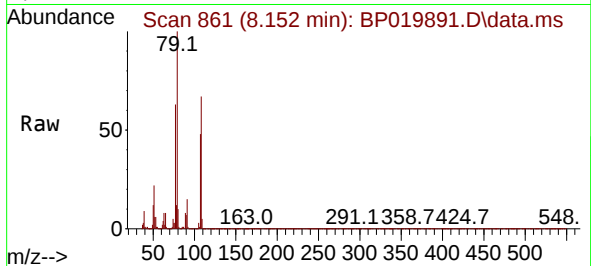
Tgt Ion:146 Resp: 303013
Ion Ratio Lower Upper
146 100
148 66.3 51.7 77.5
111 46.6 35.9 53.9





#15
Benzyl Alcohol
Concen: 41.417 ng m
RT: 8.152 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

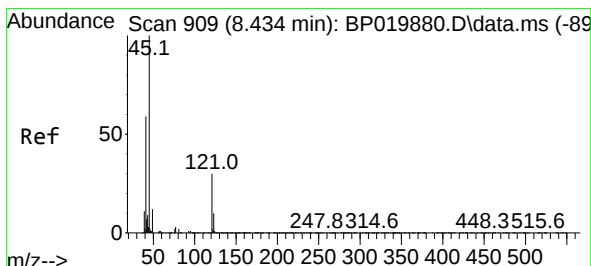
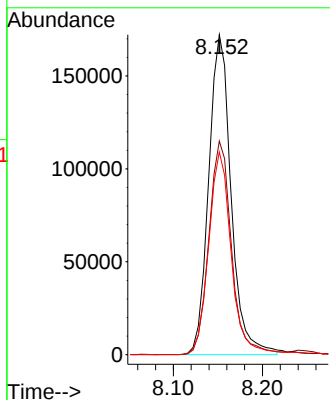
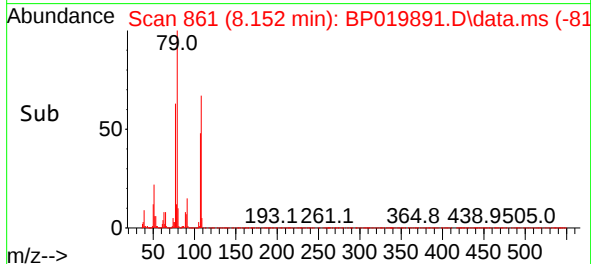
Instrument :
BNA_P
ClientSampleId :
PB159140BS



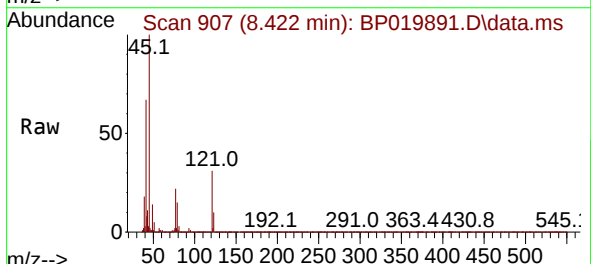
Tgt Ion: 79 Resp: 30159
Ion Ratio Lower Upper
79 100
108 66.7 52.5 78.7
77 63.4 51.0 76.4

Manual Integrations
APPROVED

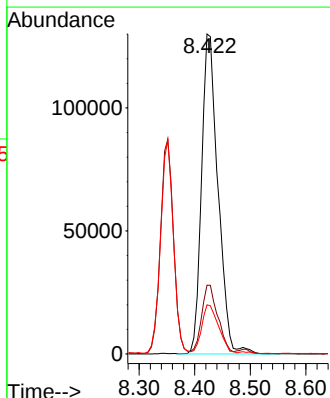
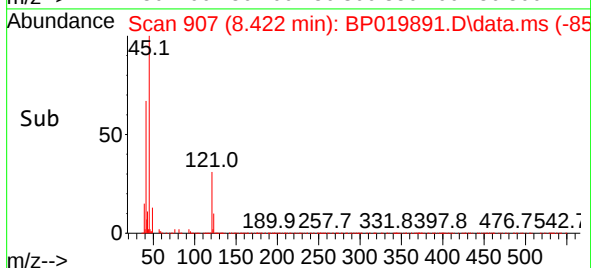
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

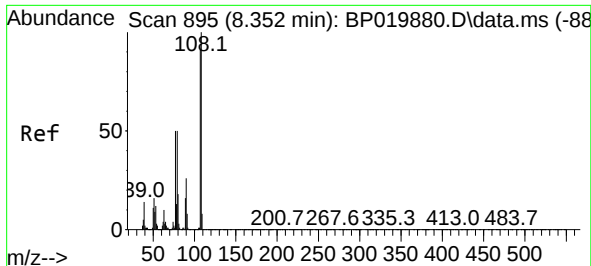


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.594 ng m
RT: 8.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54



Tgt Ion: 45 Resp: 267117
Ion Ratio Lower Upper
45 100
77 21.5 0.8 40.8
79 15.4 0.0 34.7





#17
2-Methylphenol
Concen: 40.316 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

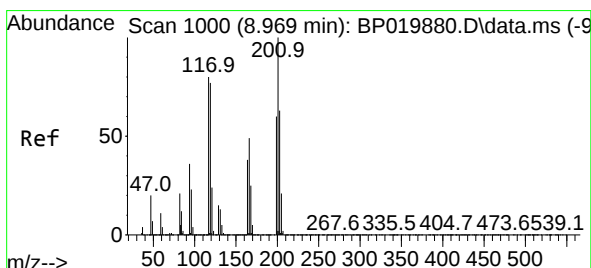
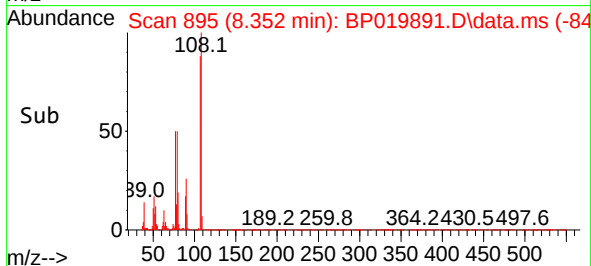
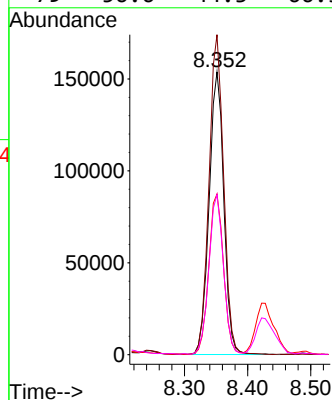
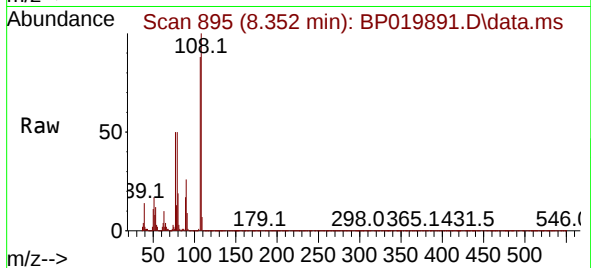
PB159140BS

Tgt Ion:	107	Resp:	248160
Ion Ratio	Lower	Upper	
107	100		
108	113.2	88.4	132.6
77	56.8	43.8	65.8
79	56.6	44.3	66.5

Manual Integrations

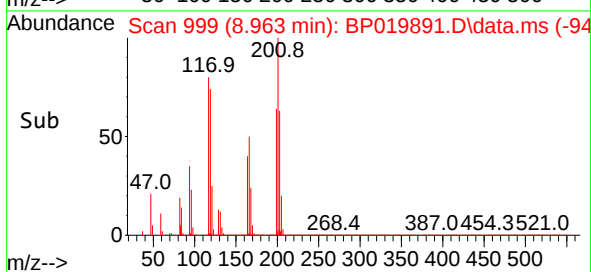
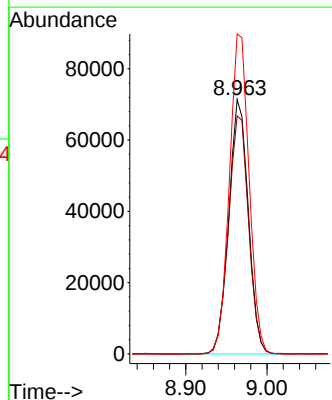
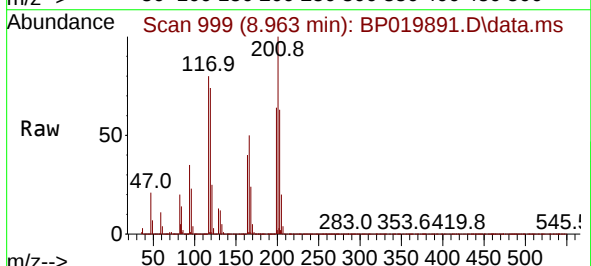
APPROVED

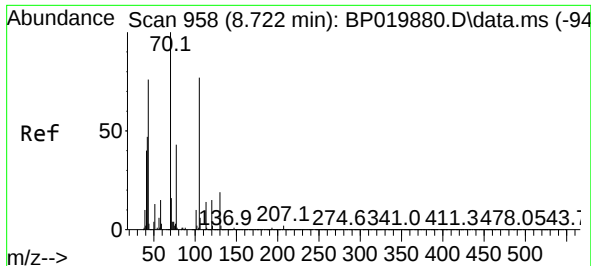
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#18
Hexachloroethane
Concen: 46.816 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:	117	Resp:	119239
Ion Ratio	Lower	Upper	
117	100		
119	93.6	76.9	115.3
201	125.8	99.6	149.4





#19
n-Nitroso-di-n-propylamine
Concen: 36.984 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

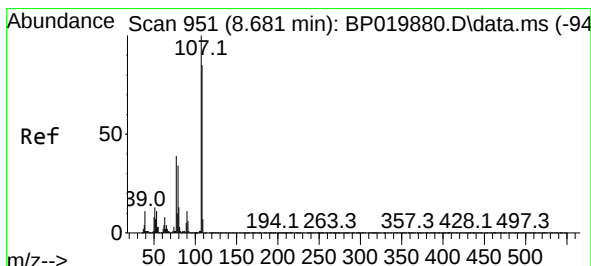
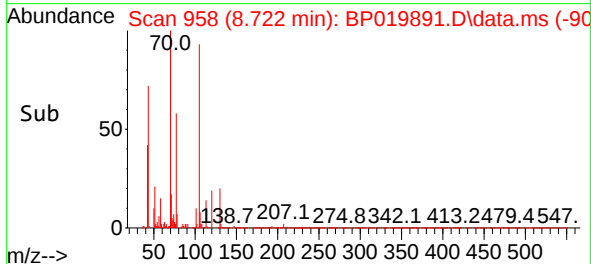
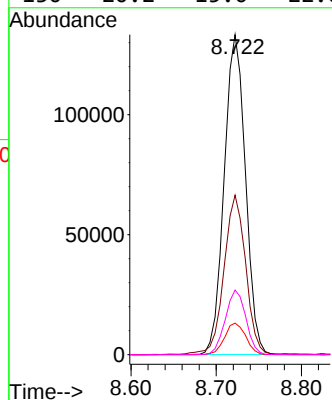
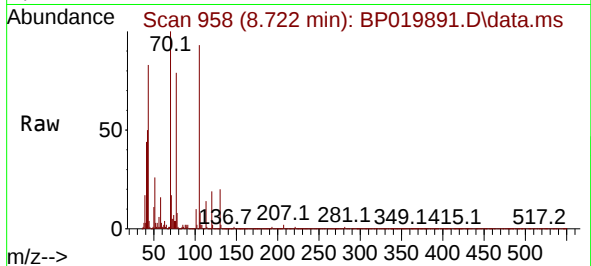
ClientSampleId :

PB159140BS

Tgt Ion: 70 Resp: 23061
Ion Ratio Lower Upper
70 100
42 49.9 38.2 57.2
101 9.8 8.0 12.0
130 20.2 15.0 22.6

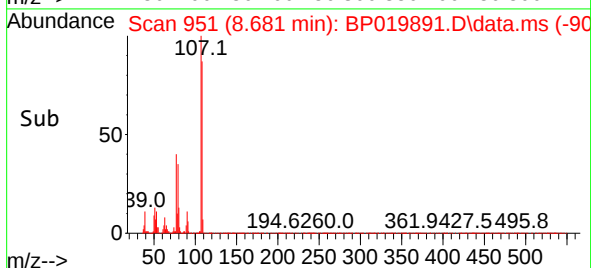
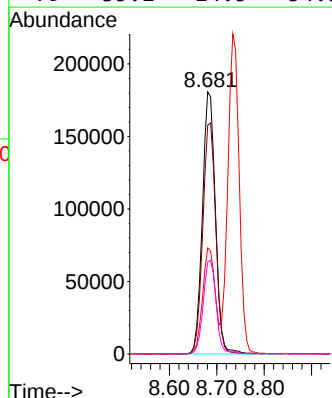
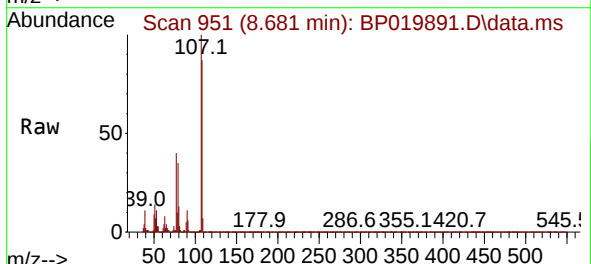
Manual Integrations
APPROVED

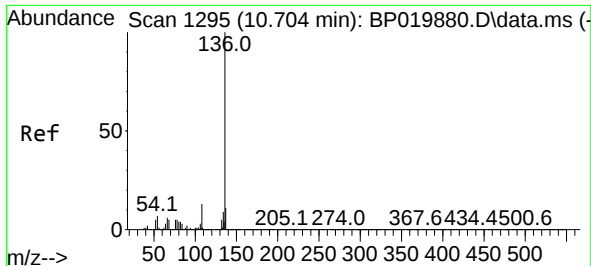
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#20
3+4-Methylphenols
Concen: 38.934 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:107 Resp: 344361
Ion Ratio Lower Upper
107 100
108 87.2 64.8 104.8
77 40.4 18.8 58.8
79 35.1 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

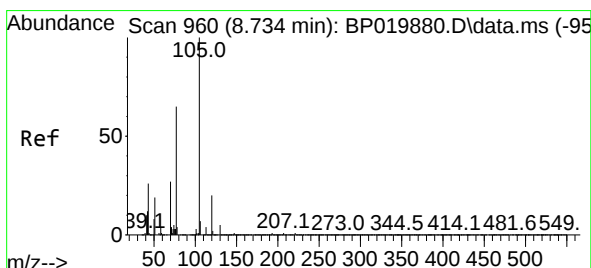
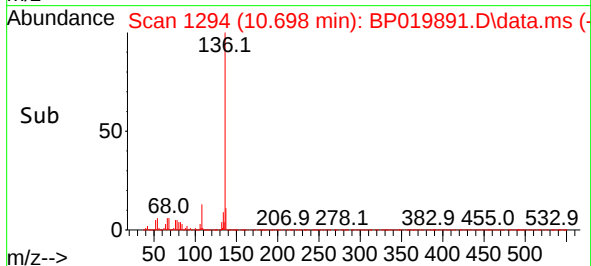
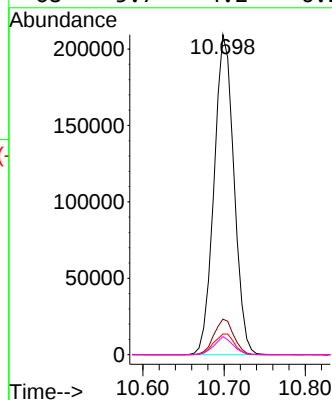
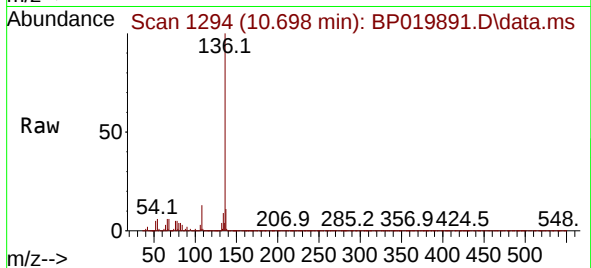
PB159140BS

Tgt Ion:136 Resp: 356872
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.4 6.0 9.0
68 5.7 4.2 6.2

Manual Integrations

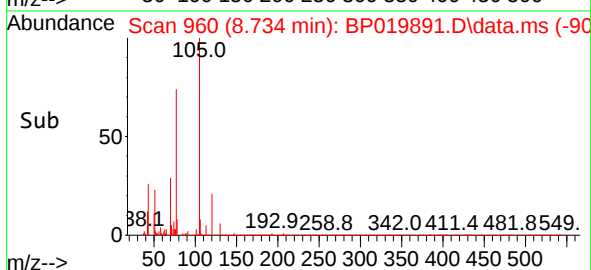
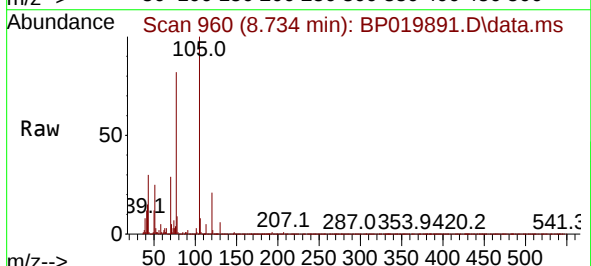
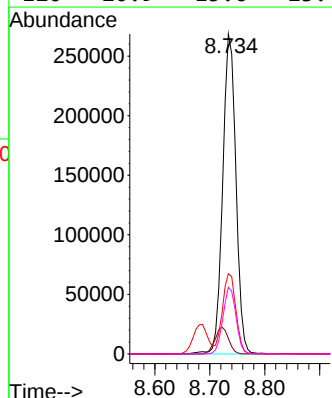
APPROVED

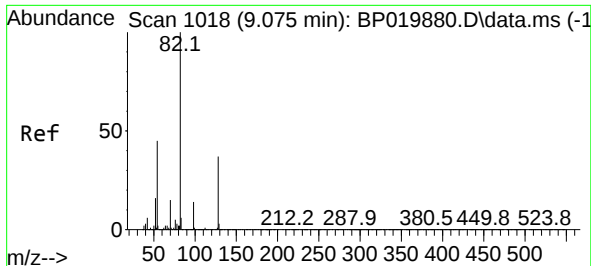
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#22
Acetophenone
Concen: 40.491 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:105 Resp: 448791
Ion Ratio Lower Upper
105 100
71 4.8 3.7 5.5
51 25.1 20.5 30.7
120 20.9 15.6 23.4





#23
Nitrobenzene-d5
Concen: 81.247 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

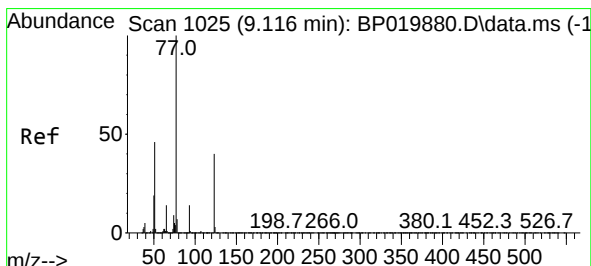
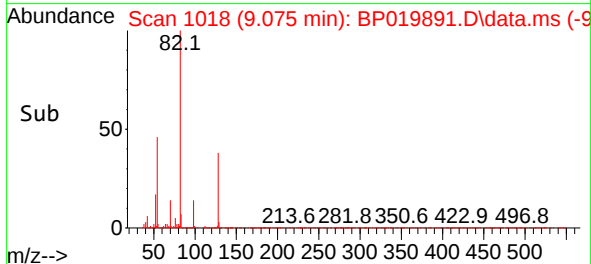
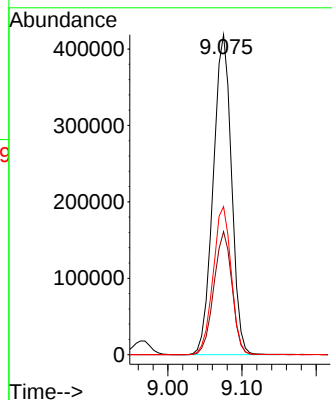
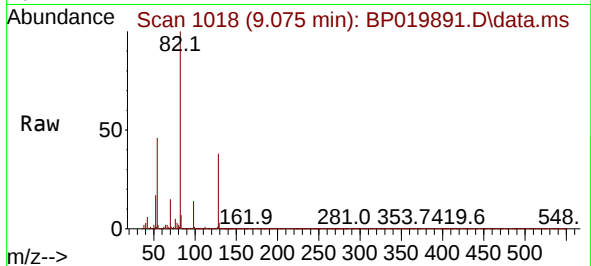
ClientSampleId :

PB159140BS

Tgt Ion: 82 Resp: 718204
Ion Ratio Lower Upper
82 100
128 38.4 29.6 44.4
54 46.2 36.3 54.5

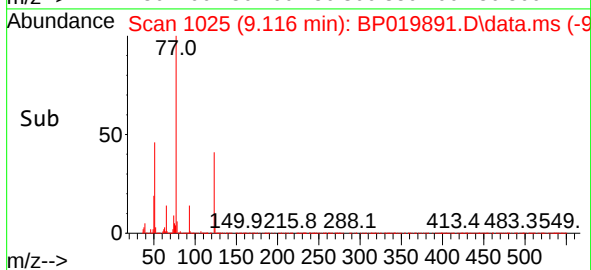
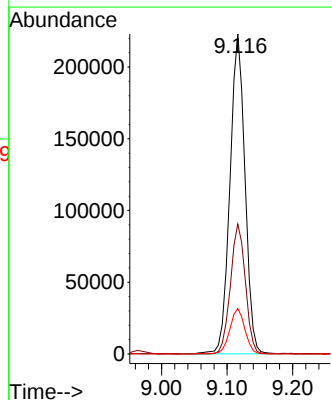
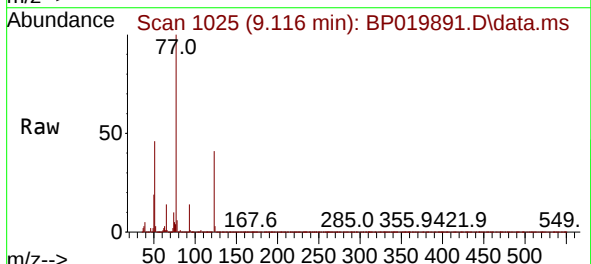
Manual Integrations
APPROVED

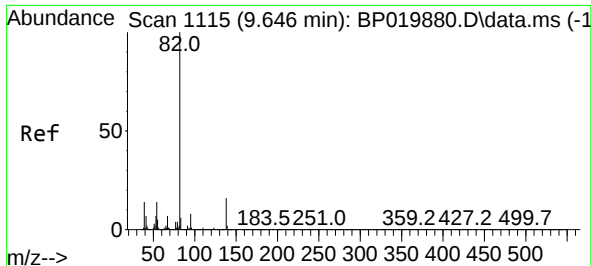
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#24
Nitrobenzene
Concen: 41.477 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion: 77 Resp: 354957
Ion Ratio Lower Upper
77 100
123 40.6 31.8 47.6
65 14.2 11.0 16.6





#25
Isophorone
Concen: 40.418 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

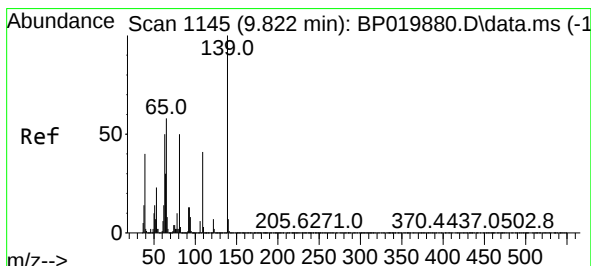
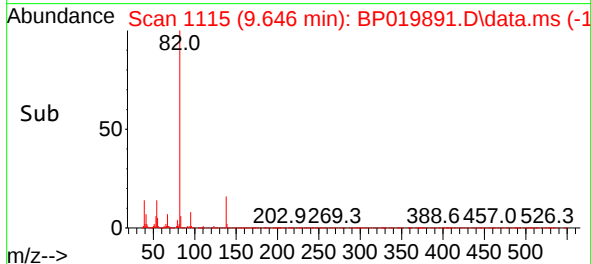
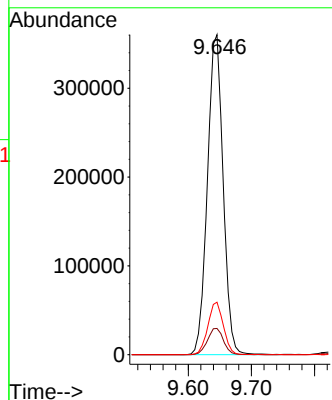
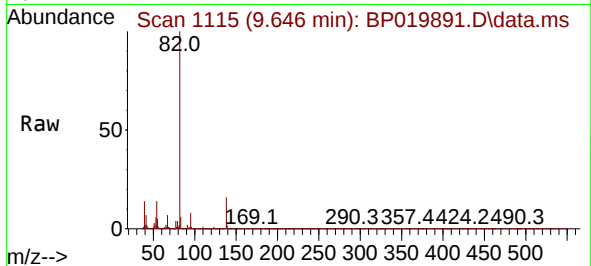
ClientSampleId :

PB159140BS

Tgt Ion: 82 Resp: 62188
Ion Ratio Lower Upper
82 100
95 8.2 6.6 10.0
138 16.4 12.8 19.2

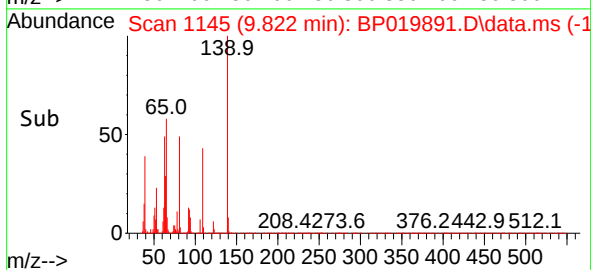
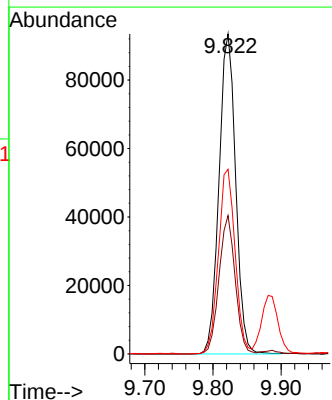
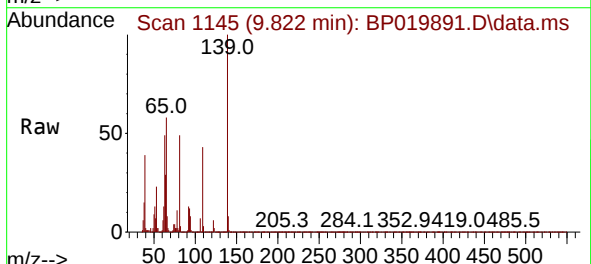
Manual Integrations
APPROVED

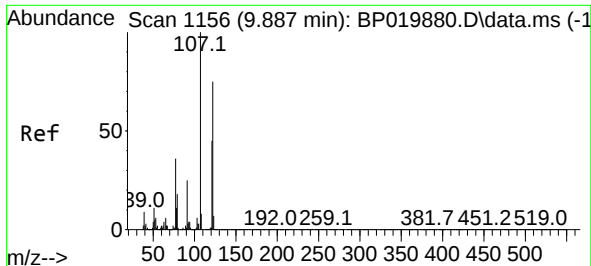
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#26
2-Nitrophenol
Concen: 46.381 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:139 Resp: 158822
Ion Ratio Lower Upper
139 100
109 43.3 32.9 49.3
65 57.7 46.7 70.1





#27
2,4-Dimethylphenol
Concen: 39.495 ng
RT: 9.881 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

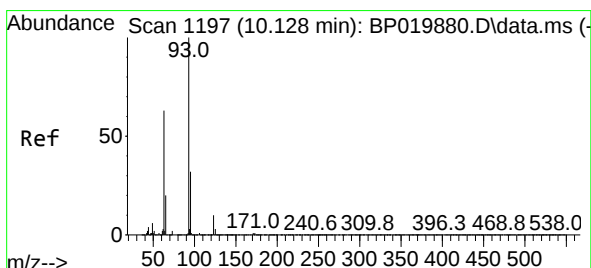
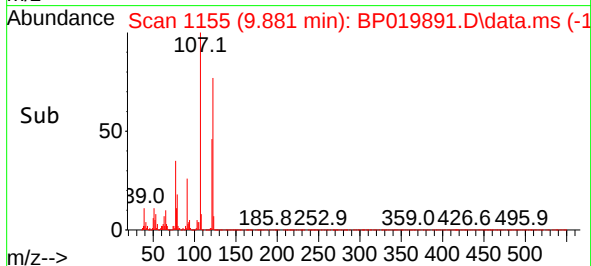
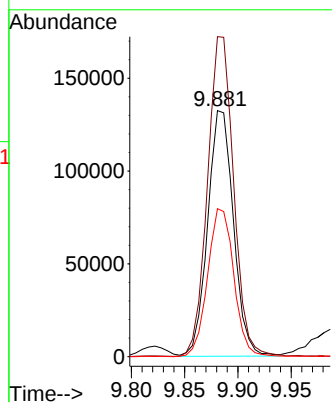
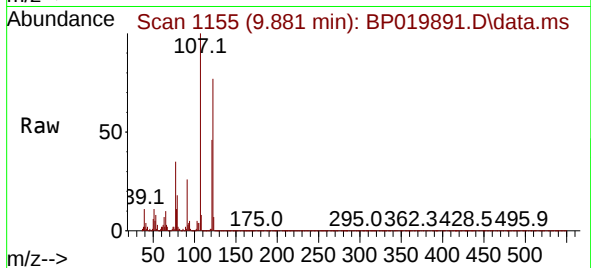
PB159140BS

Tgt Ion:122 Resp: 22326
Ion Ratio Lower Upper
122 100
107 130.0 105.7 158.5
121 60.1 47.5 71.3

Manual Integrations

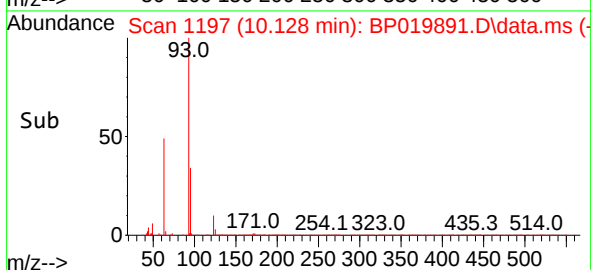
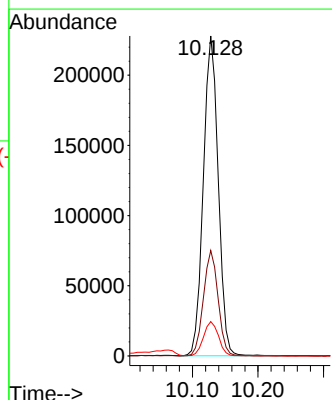
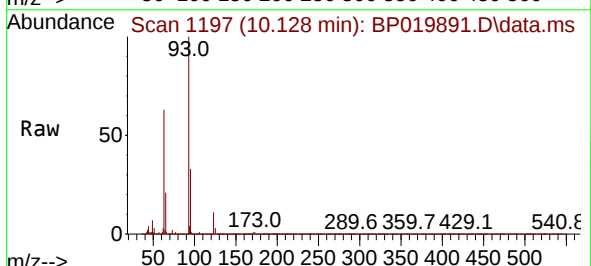
APPROVED

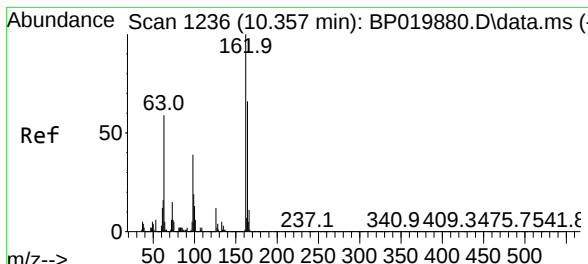
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#28
bis(2-Chloroethoxy)methane
Concen: 42.013 ng
RT: 10.128 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion: 93 Resp: 360749
Ion Ratio Lower Upper
93 100
95 33.0 25.8 38.8
123 10.7 7.8 11.6





#29
2,4-Dichlorophenol
Concen: 48.581 ng
RT: 10.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

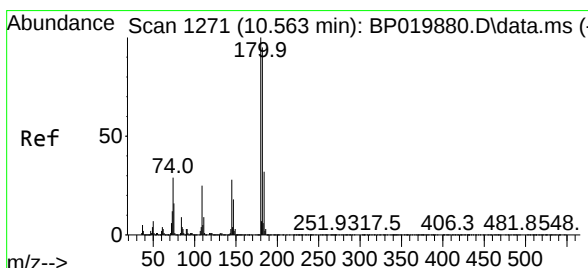
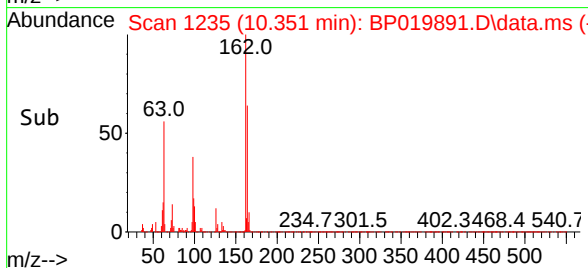
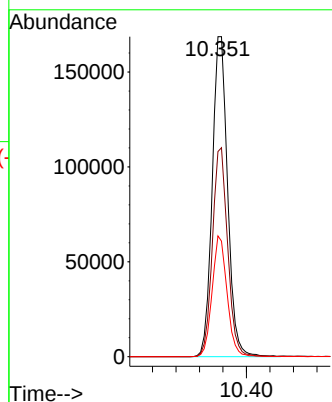
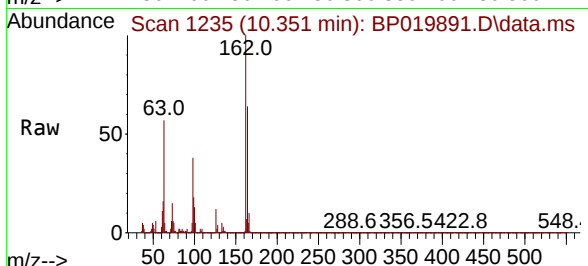
PB159140BS

Tgt Ion:162 Resp: 306328
Ion Ratio Lower Upper
162 100
164 64.1 45.8 85.8
98 37.8 18.6 58.6

Manual Integrations

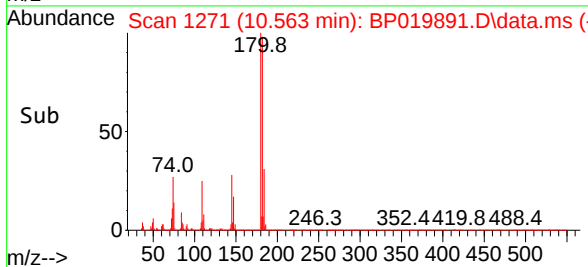
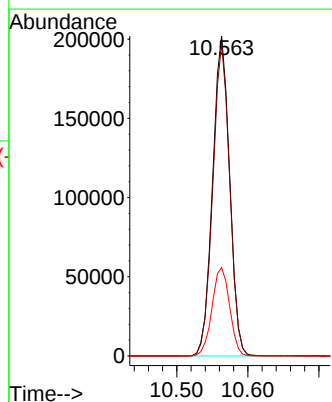
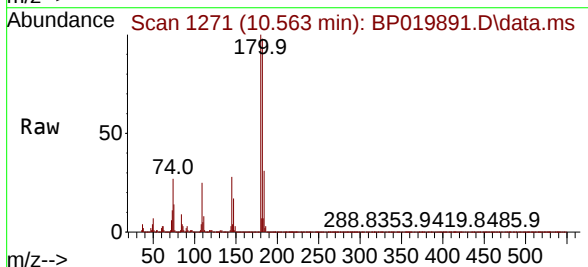
APPROVED

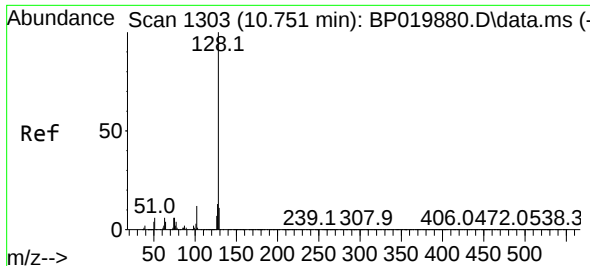
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#30
1,2,4-Trichlorobenzene
Concen: 48.489 ng
RT: 10.563 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

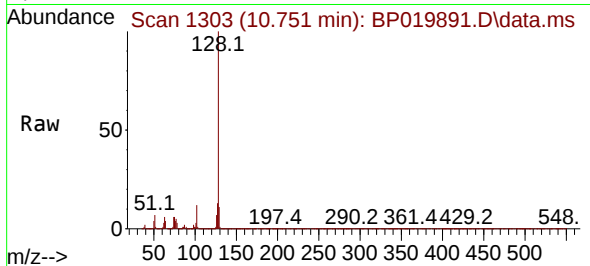
Tgt Ion:180 Resp: 335893
Ion Ratio Lower Upper
180 100
182 97.6 75.7 113.5
145 27.6 22.8 34.2





#31
Naphthalene
Concen: 44.548 ng
RT: 10.751 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

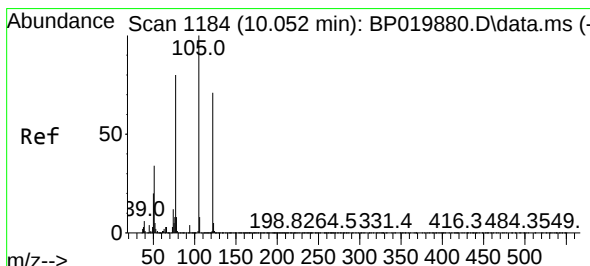
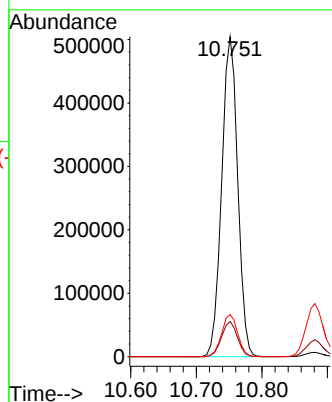
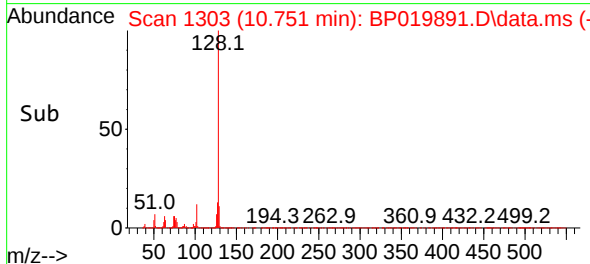
Instrument :
BNA_P
ClientSampleId :
PB159140BS



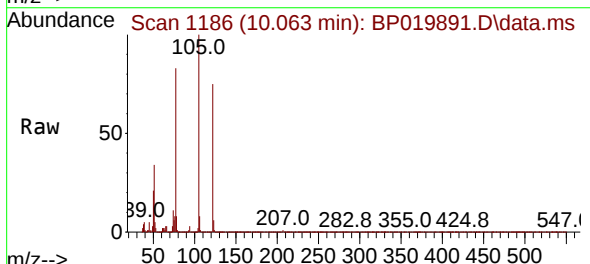
Tgt Ion:128 Resp: 85120
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.2 10.2 15.2

Manual Integrations
APPROVED

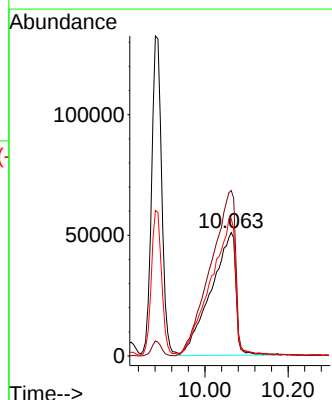
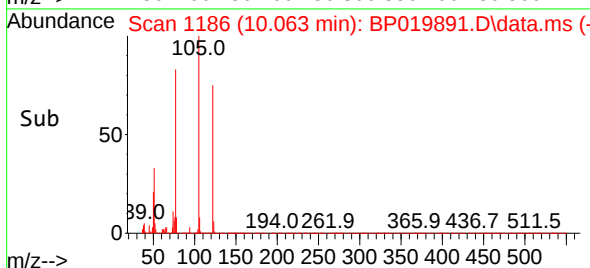
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

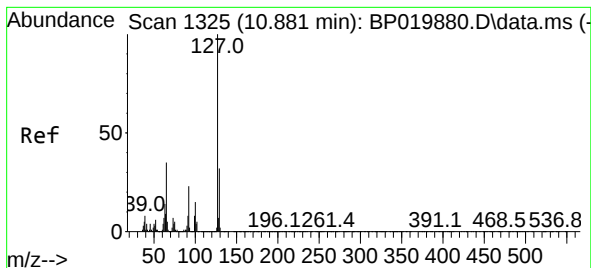


#32
Benzoic acid
Concen: 43.870 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.012 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54



Tgt Ion:122 Resp: 210112
Ion Ratio Lower Upper
122 100
105 134.1 120.8 160.8
77 111.4 93.5 133.5





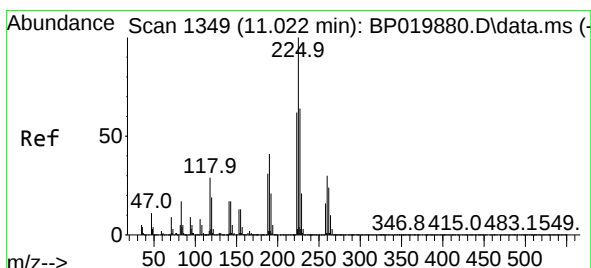
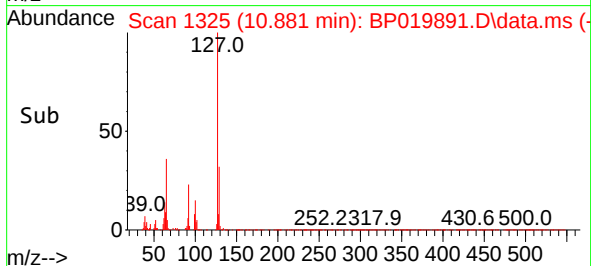
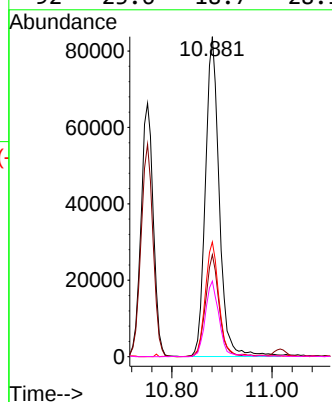
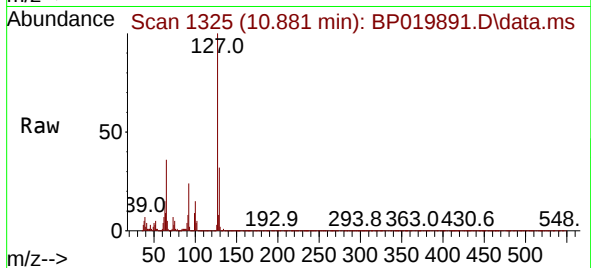
#33
4-Chloroaniline
Concen: 18.523 ng
RT: 10.881 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159140BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	35.9	28.2	42.4
92	23.6	18.7	28.1

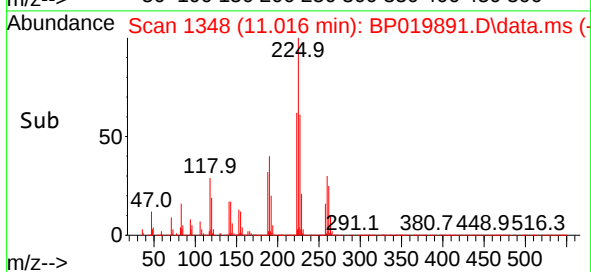
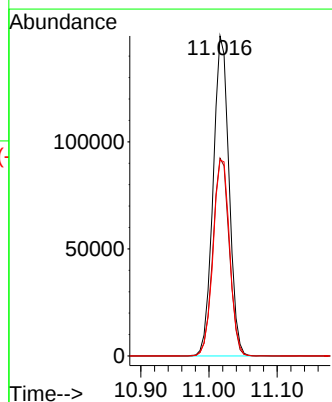
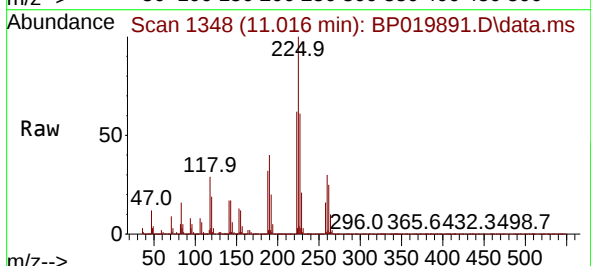
Manual Integrations
APPROVED

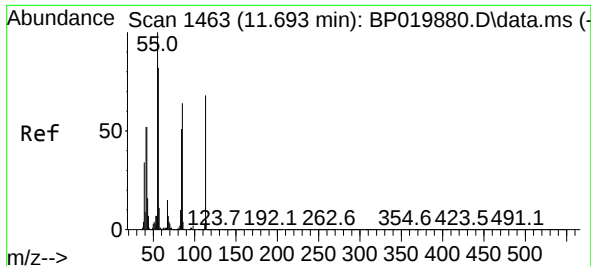
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#34
Hexachlorobutadiene
Concen: 48.063 ng
RT: 11.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

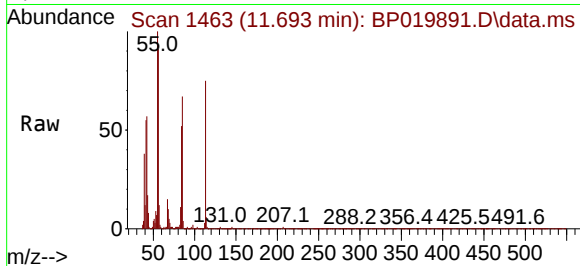
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.8	74.6
227	61.3	51.1	76.7





#35
Caprolactam
Concen: 34.378 ng
RT: 11.693 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

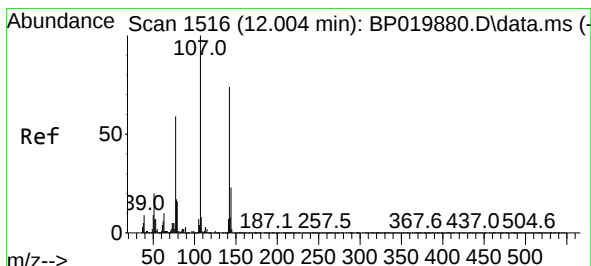
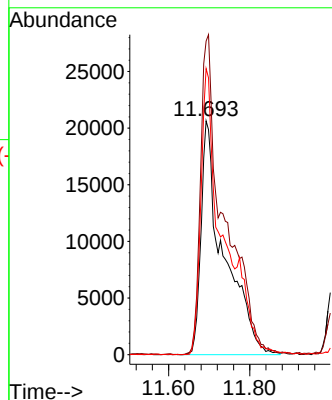
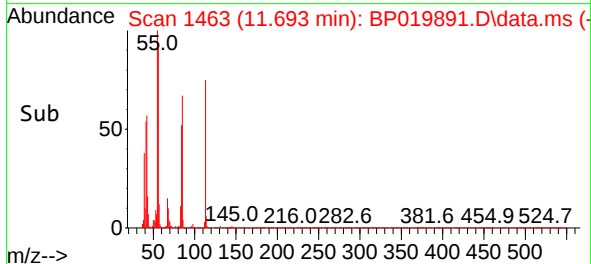
Instrument :
BNA_P
ClientSampleId :
PB159140BS



Tgt Ion:113 Resp: 79938
Ion Ratio Lower Upper
113 100
55 134.2 127.6 167.6
56 122.4 100.9 140.9

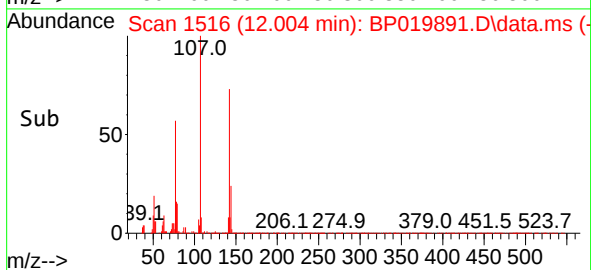
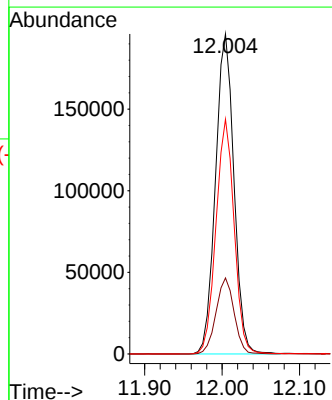
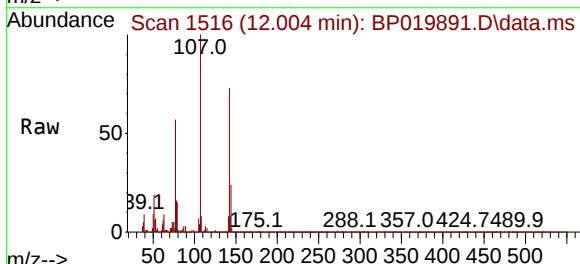
Manual Integrations
APPROVED

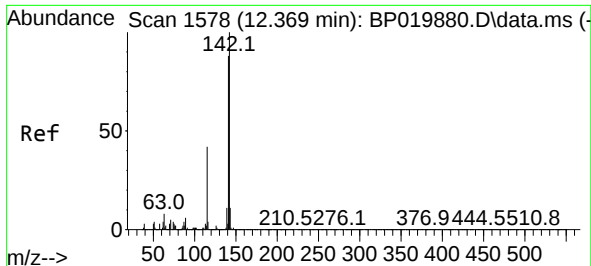
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#36
4-Chloro-3-methylphenol
Concen: 41.749 ng
RT: 12.004 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:107 Resp: 324738
Ion Ratio Lower Upper
107 100
144 23.7 18.6 28.0
142 73.3 58.8 88.2





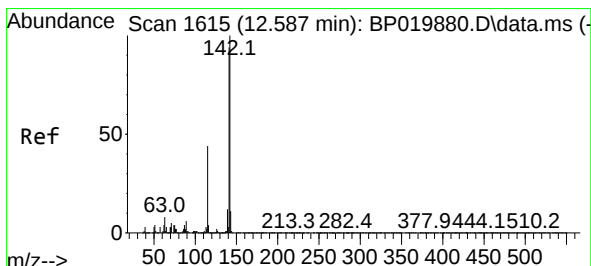
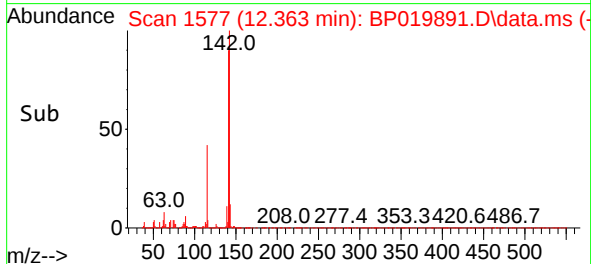
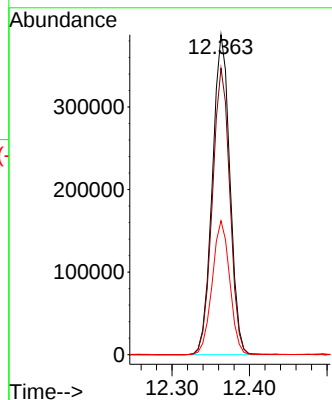
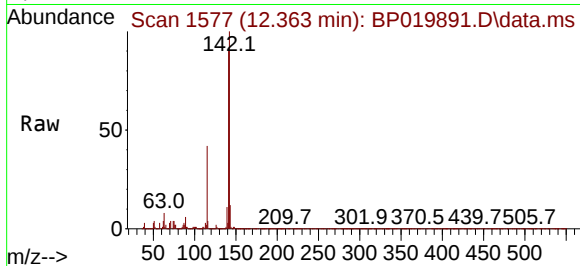
#37
2-Methylnaphthalene
Concen: 41.055 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159140BS

Tgt Ion:142 Resp: 608959
Ion Ratio Lower Upper
142 100
141 89.5 70.0 105.0
115 41.9 33.7 50.5

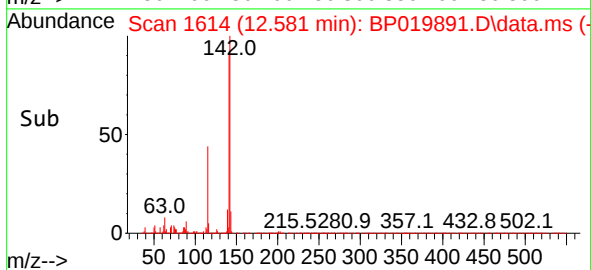
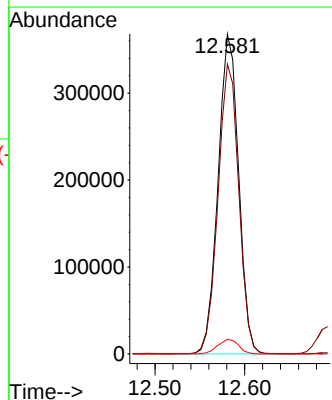
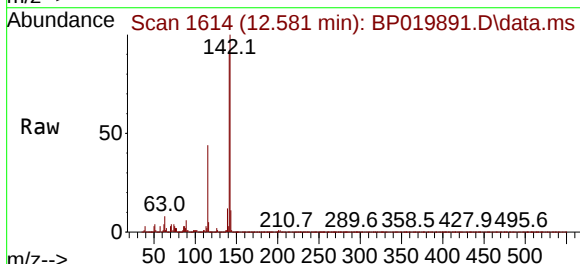
Manual Integrations
APPROVED

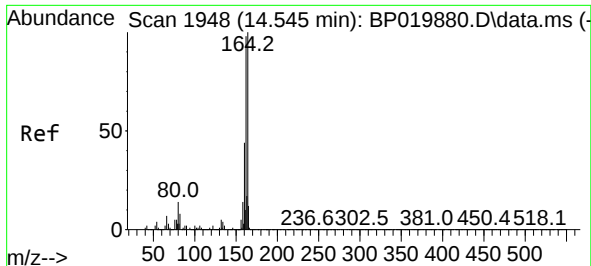
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#38
1-Methylnaphthalene
Concen: 41.608 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:142 Resp: 583976
Ion Ratio Lower Upper
142 100
141 90.5 75.5 113.3
116 4.5 3.5 5.3





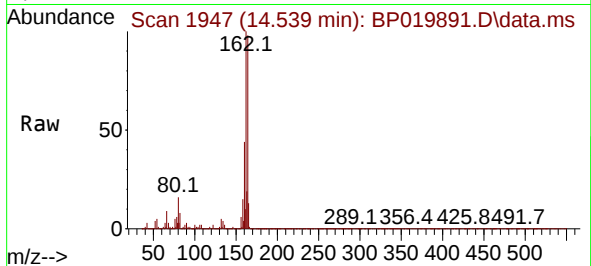
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159140BS

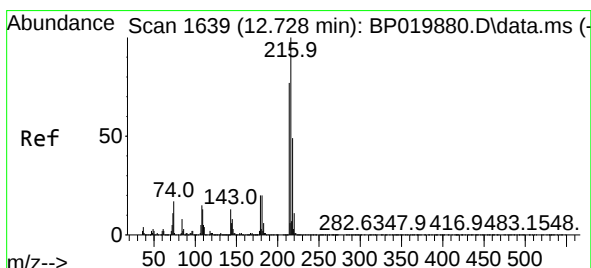
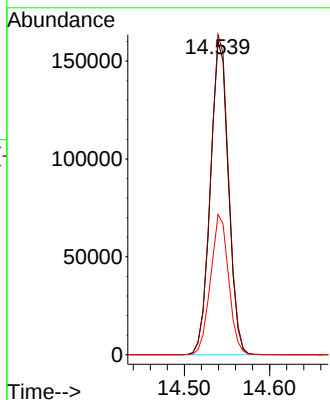
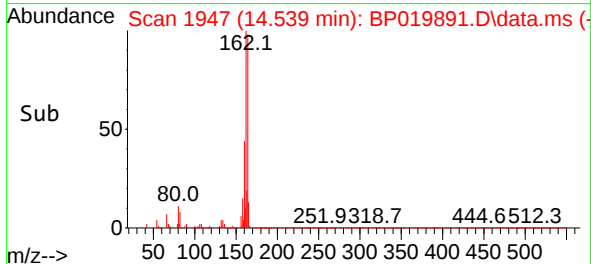


Tgt Ion:164 Resp: 23542
Ion Ratio Lower Upper
164 100
162 102.2 78.1 117.1
160 44.8 35.3 52.9

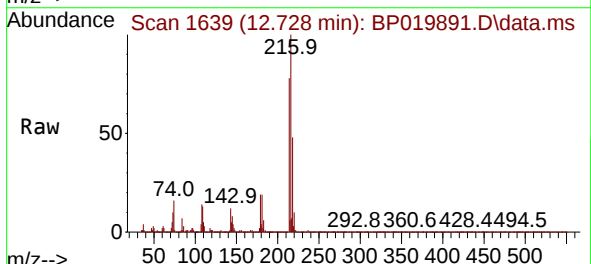
Manual Integrations

APPROVED

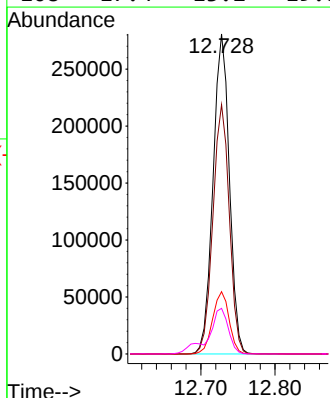
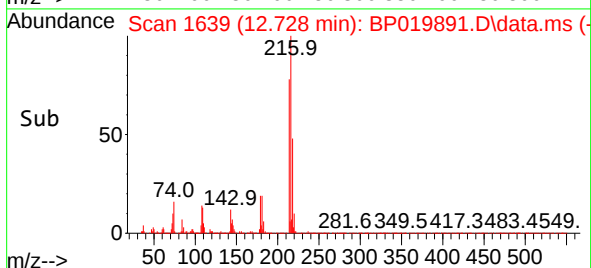
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

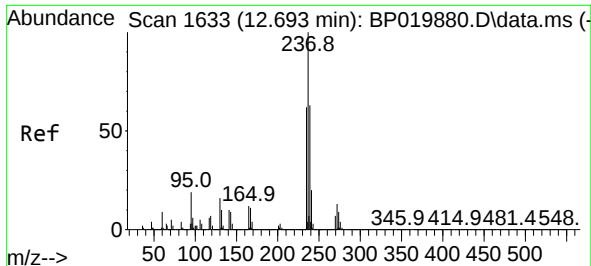


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.424 ng
RT: 12.728 min Scan# 1639
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54



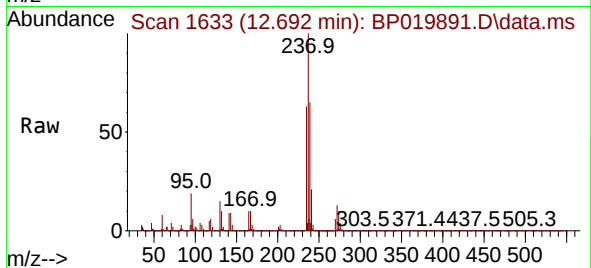
Tgt Ion:216 Resp: 429631
Ion Ratio Lower Upper
216 100
214 78.1 62.5 93.7
179 19.7 15.8 23.6
108 17.4 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 122.826 ng
RT: 12.692 min Scan# 1633
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

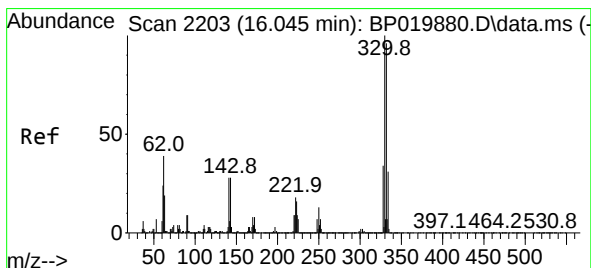
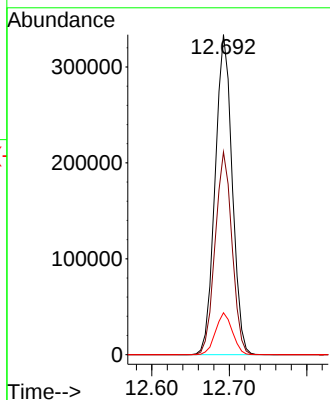
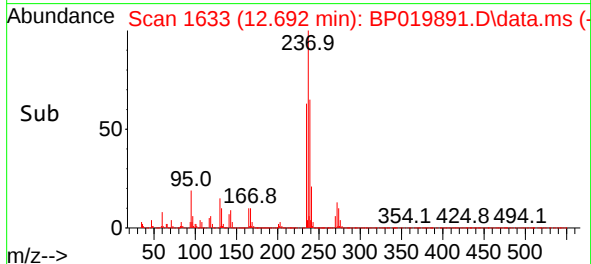
Instrument :
BNA_P
ClientSampleId :
PB159140BS



Tgt Ion: 237 Resp: 51145
Ion Ratio Lower Upper
237 100
235 63.4 41.5 81.5
272 13.1 0.0 32.5

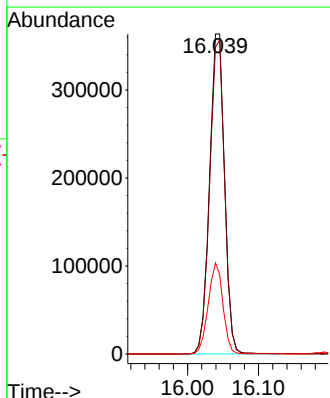
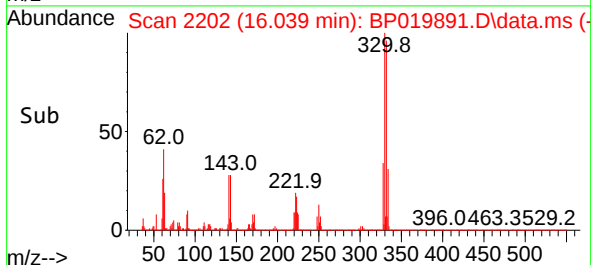
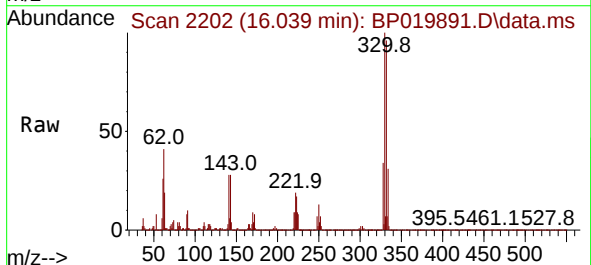
Manual Integrations
APPROVED

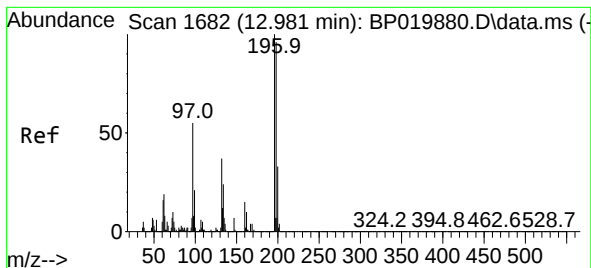
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#42
2,4,6-Tribromophenol
Concen: 131.721 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion: 330 Resp: 531726
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.2
141 27.9 24.6 37.0





#43

2,4,6-Trichlorophenol

Concen: 51.406 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159140BS

Tgt Ion:196 Resp: 272958

Ion Ratio Lower Upper

196 100

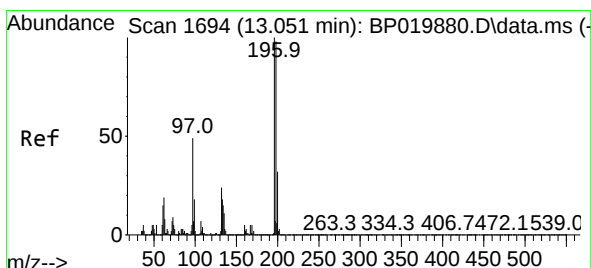
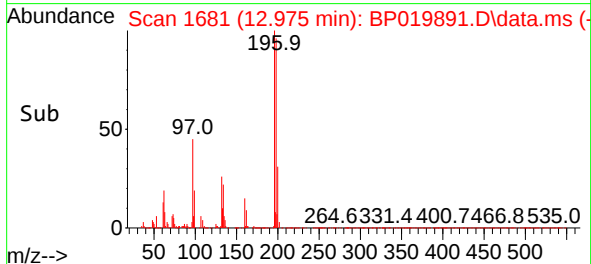
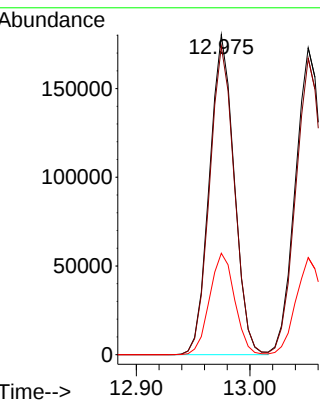
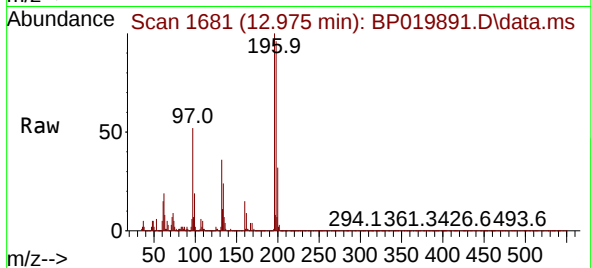
198 96.4 76.5 114.7

200 31.7 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#44

2,4,5-Trichlorophenol

Concen: 46.989 ng

RT: 13.051 min Scan# 1694

Delta R.T. -0.000 min

Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

Tgt Ion:196 Resp: 297211

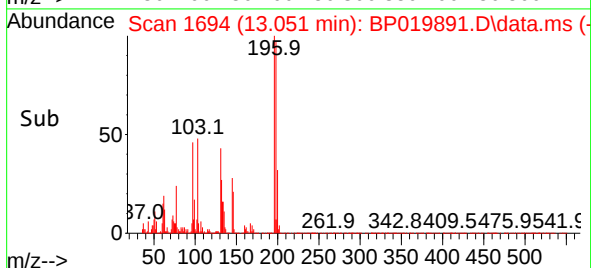
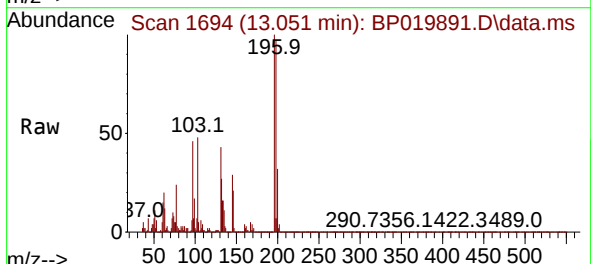
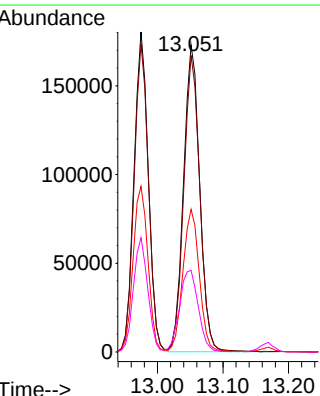
Ion Ratio Lower Upper

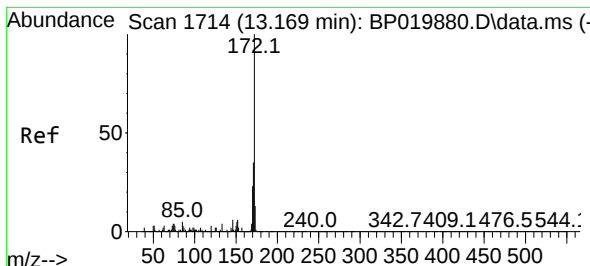
196 100

198 96.6 78.2 117.4

97 46.5 39.4 59.2

132 26.6 19.0 28.6





#45
2-Fluorobiphenyl
Concen: 96.505 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

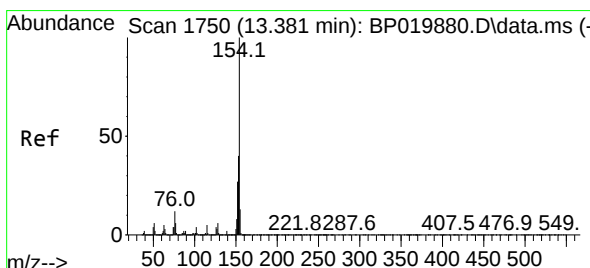
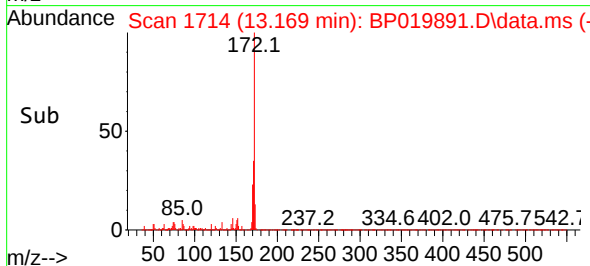
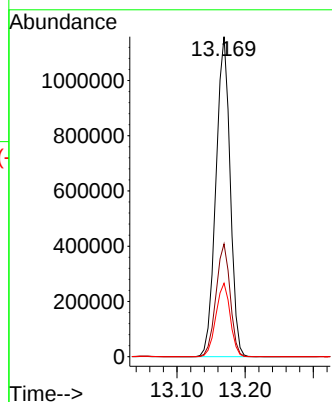
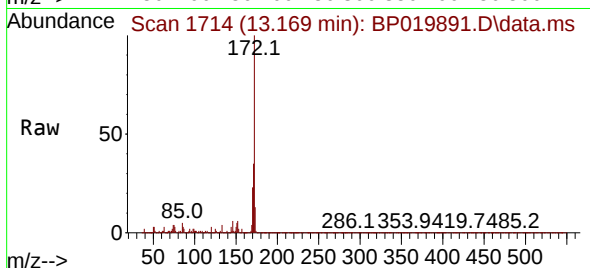
PB159140BS

Tgt Ion:172 Resp: 168157
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 23.0 18.4 27.6

Manual Integrations

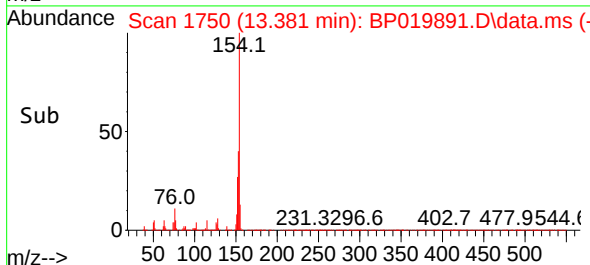
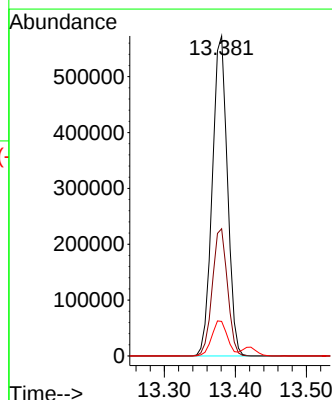
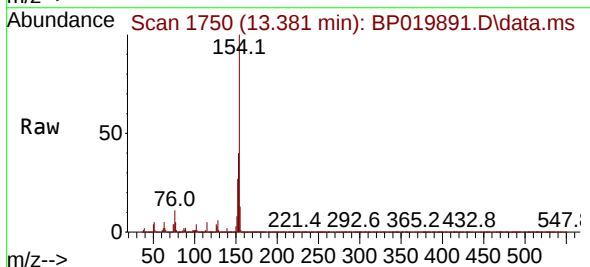
APPROVED

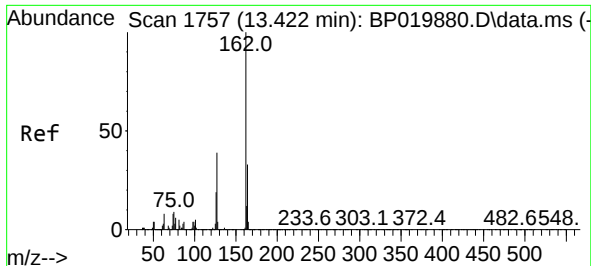
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#46
1,1'-Biphenyl
Concen: 50.121 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

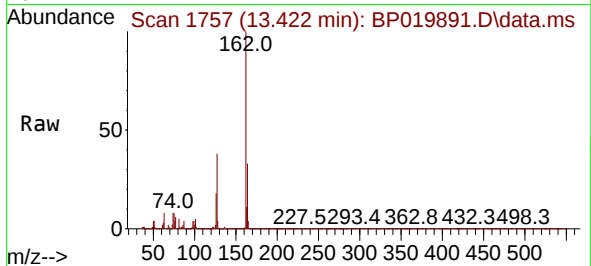
Tgt Ion:154 Resp: 844877
Ion Ratio Lower Upper
154 100
153 39.8 19.8 59.8
76 10.8 0.0 31.8





#47
2-Chloronaphthalene
Concen: 51.635 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

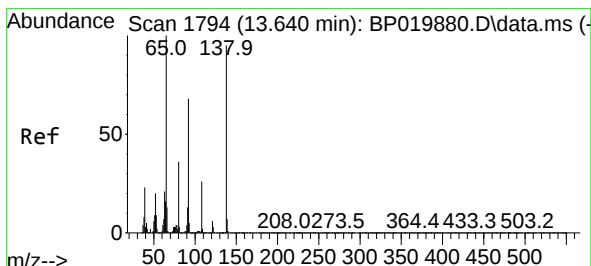
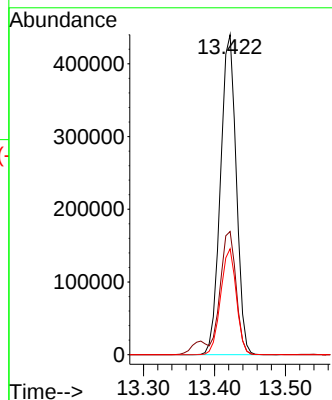
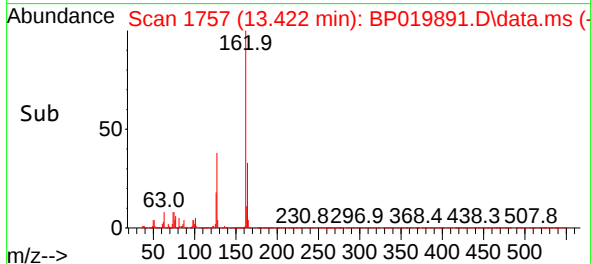
Instrument :
BNA_P
ClientSampleId :
PB159140BS



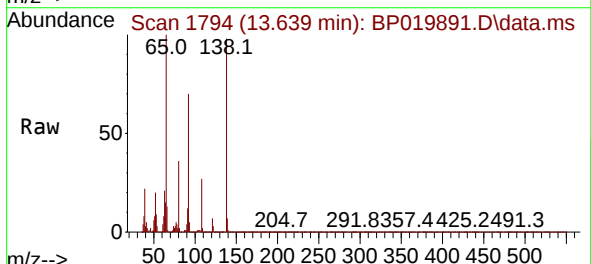
Tgt Ion:162 Resp: 675589
Ion Ratio Lower Upper
162 100
127 38.5 31.4 47.2
164 33.1 26.2 39.4

Manual Integrations
APPROVED

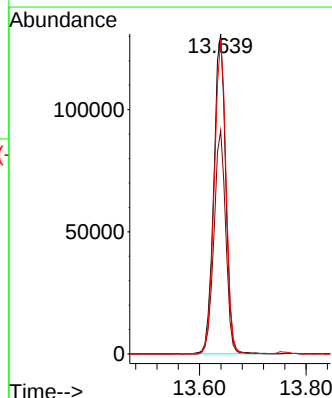
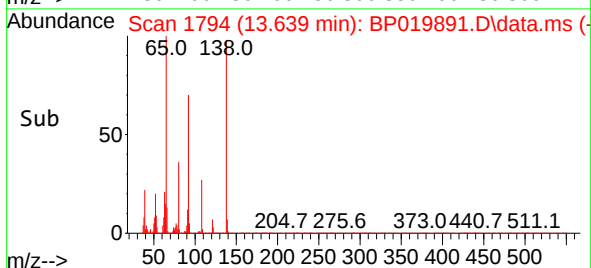
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

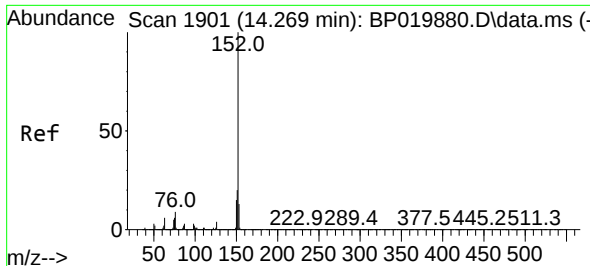


#48
2-Nitroaniline
Concen: 42.964 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54



Tgt Ion: 65 Resp: 203171
Ion Ratio Lower Upper
65 100
92 69.8 54.3 81.5
138 98.3 75.7 113.5





#49
Acenaphthylene
Concen: 49.058 ng
RT: 14.263 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

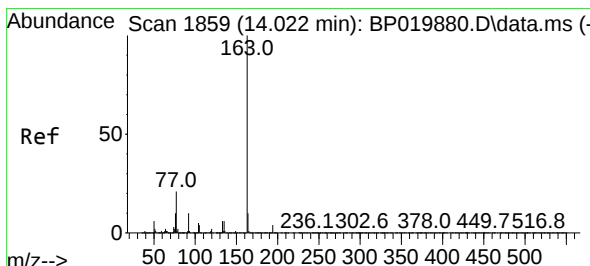
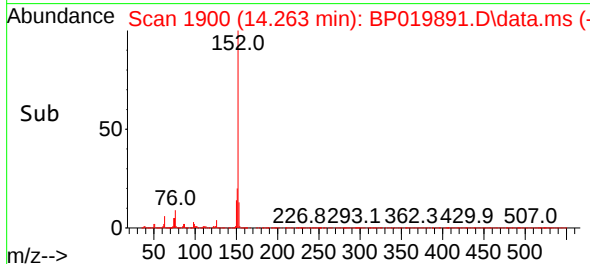
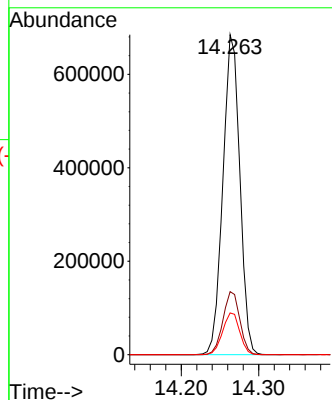
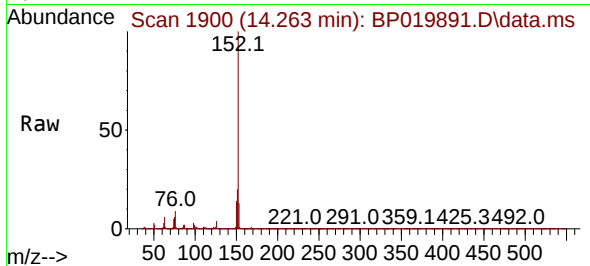
PB159140BS

Tgt Ion:152 Resp: 103990
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.1 10.4 15.6

Manual Integrations

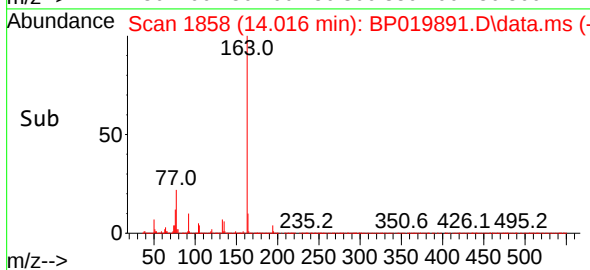
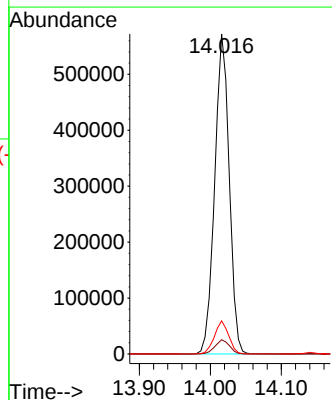
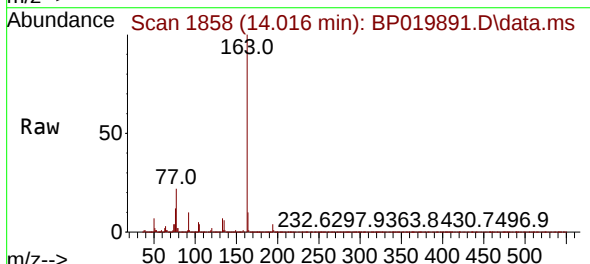
APPROVED

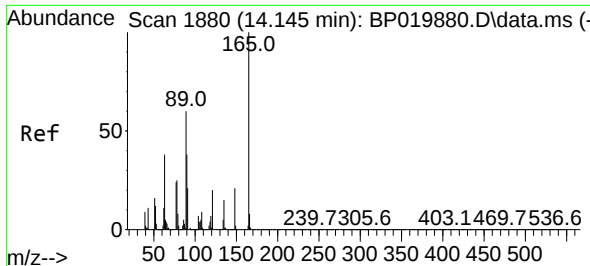
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#50
Dimethylphthalate
Concen: 42.176 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:163 Resp: 810560
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 43.070 ng
RT: 14.139 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

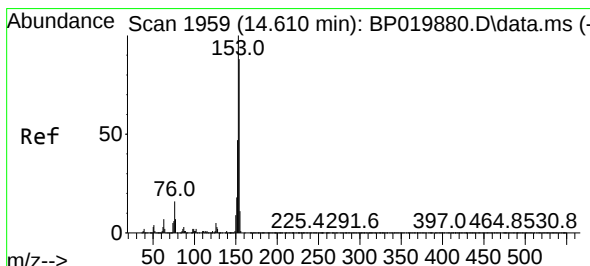
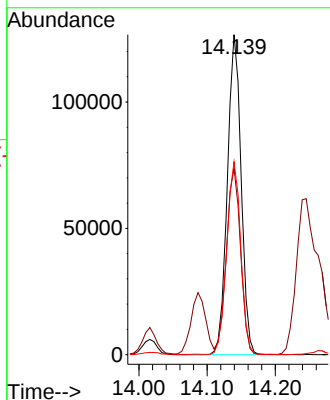
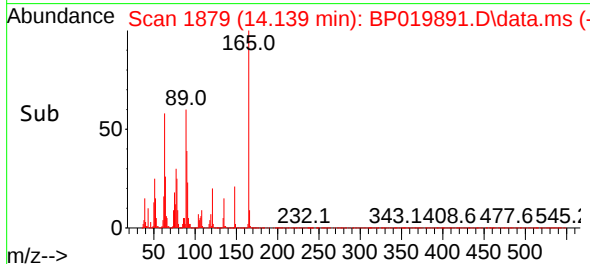
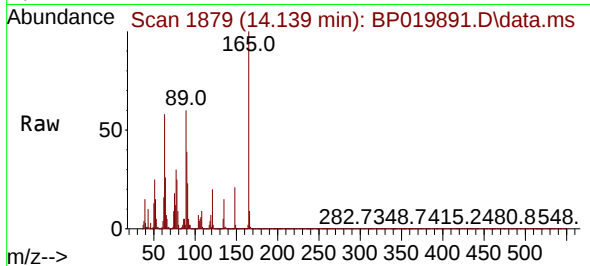
ClientSampleId :

PB159140BS

Tgt Ion:165 Resp: 178150
Ion Ratio Lower Upper
165 100
63 58.2 46.9 70.3
89 60.3 48.3 72.5

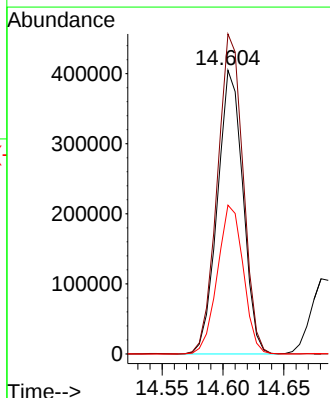
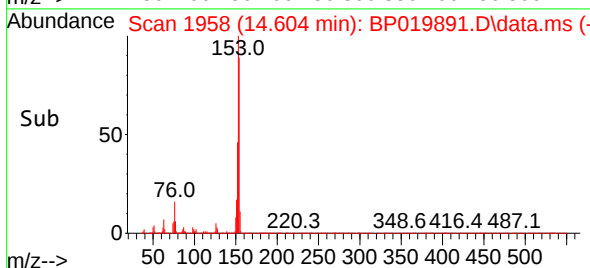
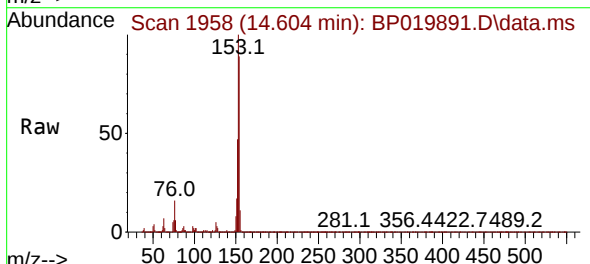
Manual Integrations
APPROVED

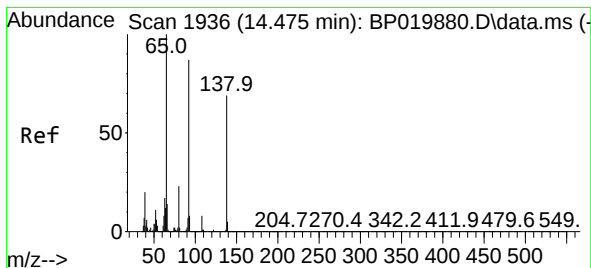
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#52
Acenaphthene
Concen: 46.259 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

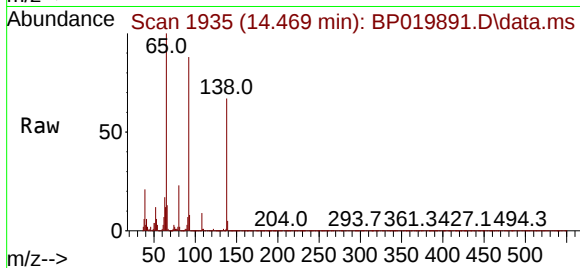
Tgt Ion:154 Resp: 588771
Ion Ratio Lower Upper
154 100
153 112.8 90.9 136.3
152 52.5 42.3 63.5





#53
3-Nitroaniline
Concen: 24.644 ng
RT: 14.469 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

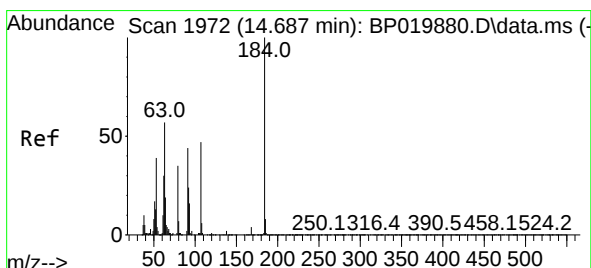
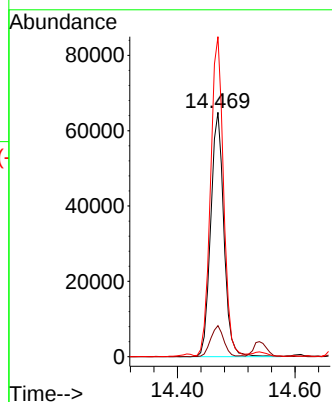
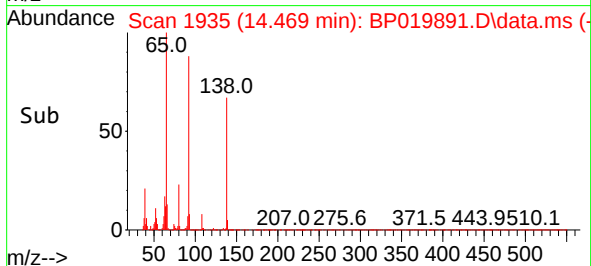
Instrument :
BNA_P
ClientSampleId :
PB159140BS



Tgt Ion:138 Resp: 100904
Ion Ratio Lower Upper
138 100
108 12.7 9.2 13.8
92 131.0 100.3 150.5

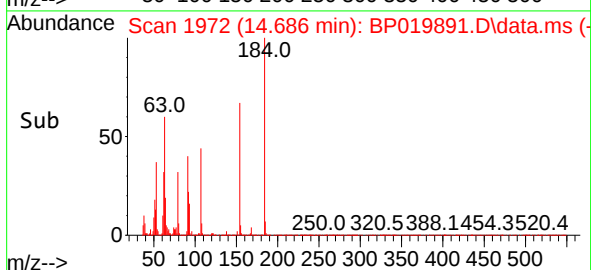
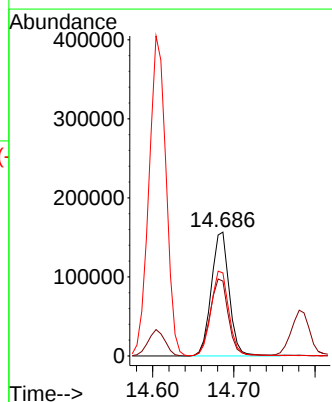
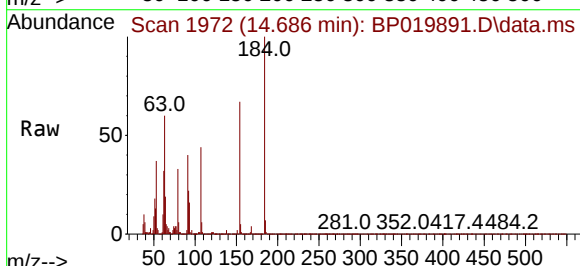
Manual Integrations
APPROVED

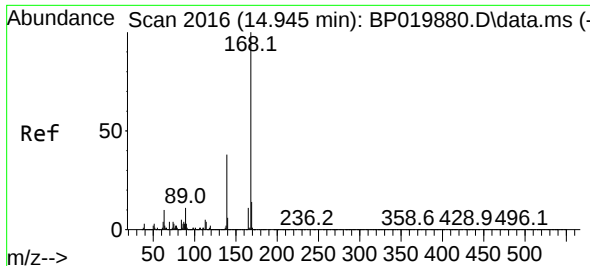
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#54
2,4-Dinitrophenol
Concen: 89.091 ng
RT: 14.686 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:184 Resp: 240215
Ion Ratio Lower Upper
184 100
63 60.4 49.6 74.4
154 67.0 54.6 82.0





#55
Dibenzenofuran
Concen: 45.971 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

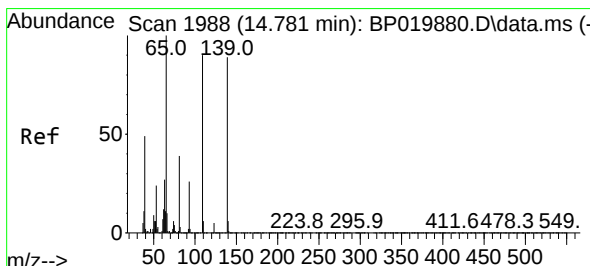
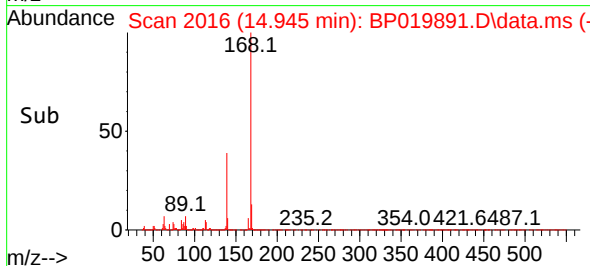
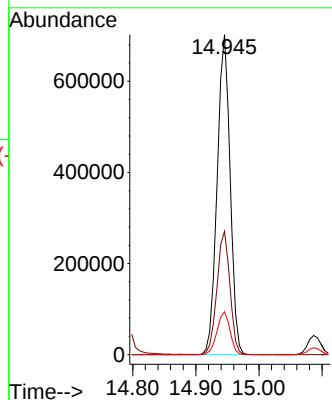
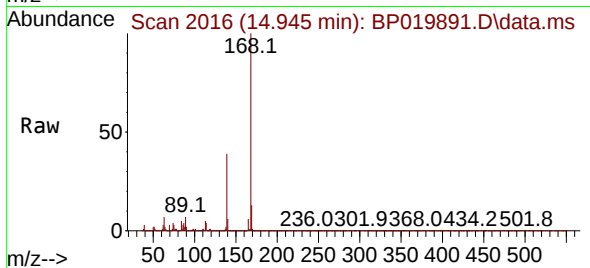
PB159140BS

Tgt Ion:168 Resp: 99858
Ion Ratio Lower Upper
168 100
139 38.5 30.6 45.8
169 13.4 10.9 16.3

Manual Integrations

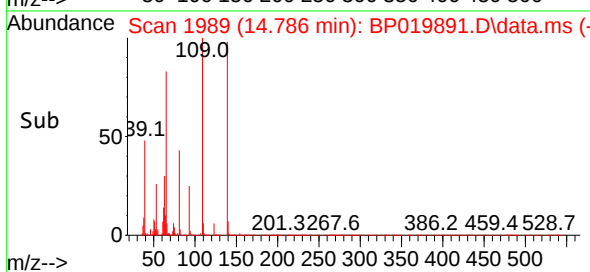
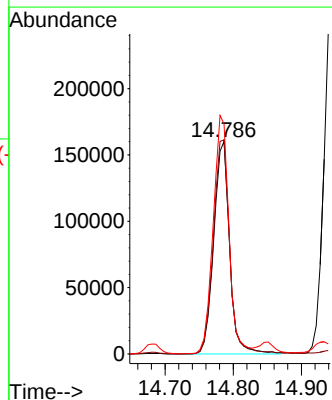
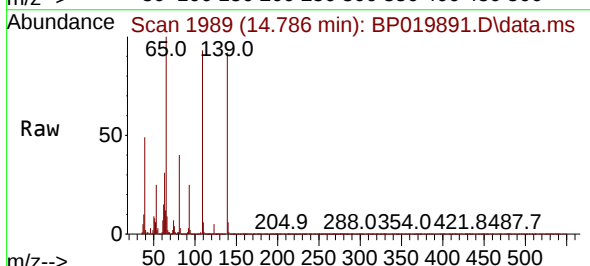
APPROVED

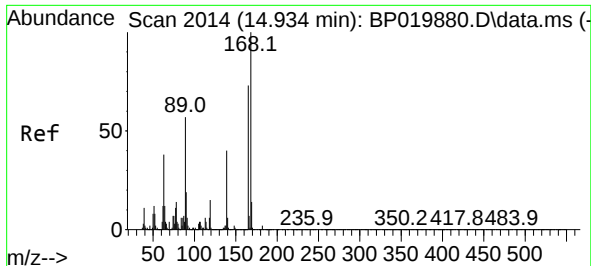
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#56
4-Nitrophenol
Concen: 80.902 ng
RT: 14.786 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:139 Resp: 259120
Ion Ratio Lower Upper
139 100
109 100.8 81.3 121.3
65 108.3 93.5 133.5





#57
2,4-Dinitrotoluene
Concen: 41.275 ng
RT: 14.928 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

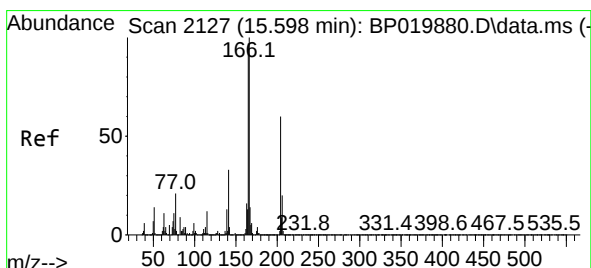
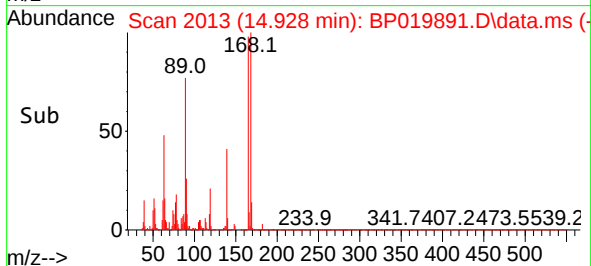
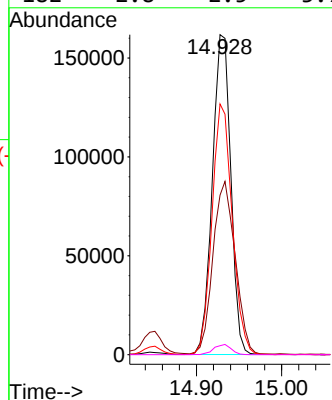
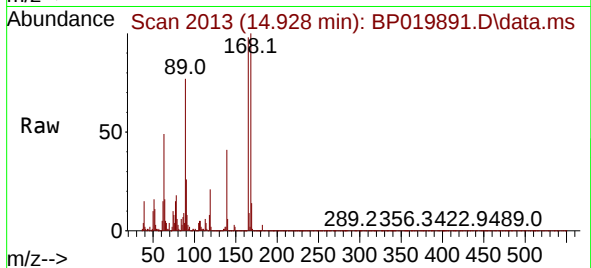
PB159140BS

Tgt Ion:165 Resp: 242970
Ion Ratio Lower Upper
165 100
63 49.8 41.4 62.0
89 78.4 62.1 93.1
182 2.8 2.5 3.7

Manual Integrations

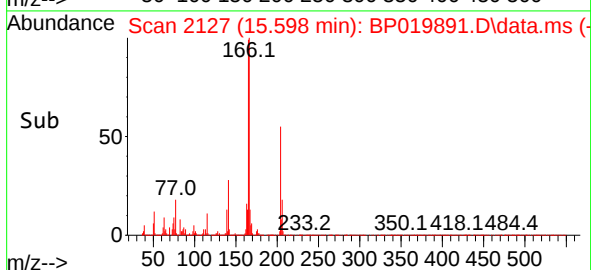
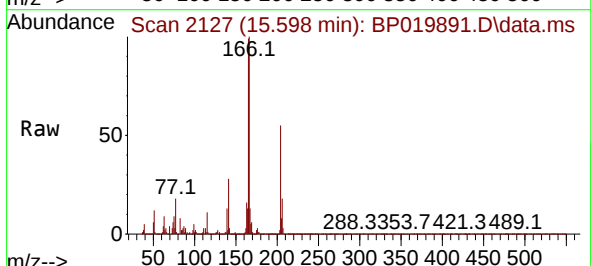
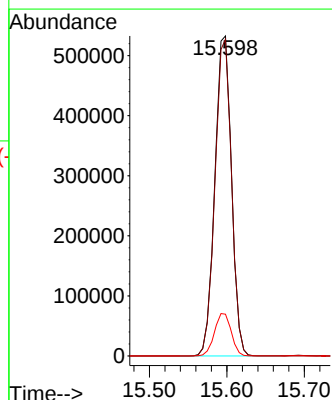
APPROVED

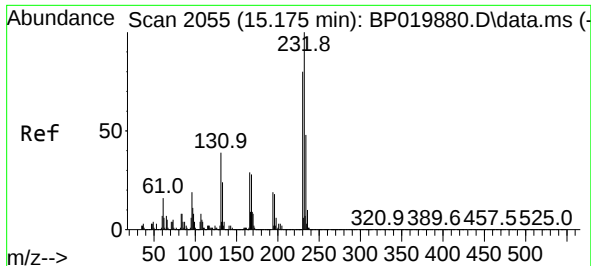
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#58
Fluorene
Concen: 45.038 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:166 Resp: 793437
Ion Ratio Lower Upper
166 100
165 99.0 77.8 116.6
167 13.0 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.820 ng
RT: 15.169 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

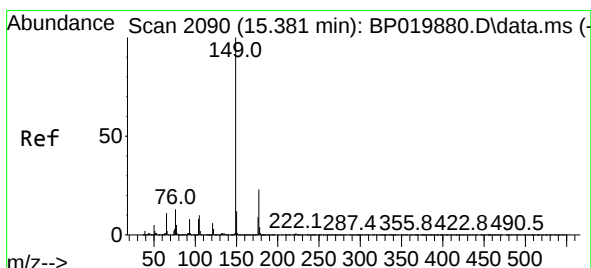
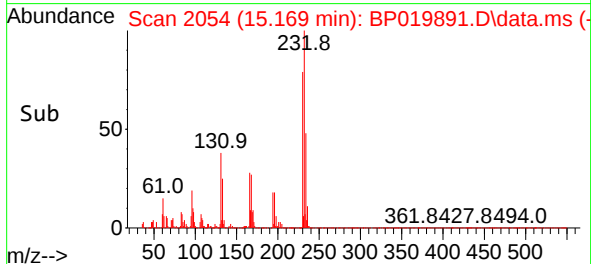
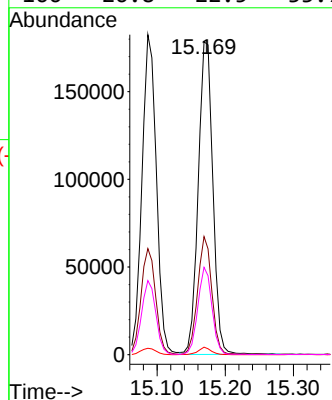
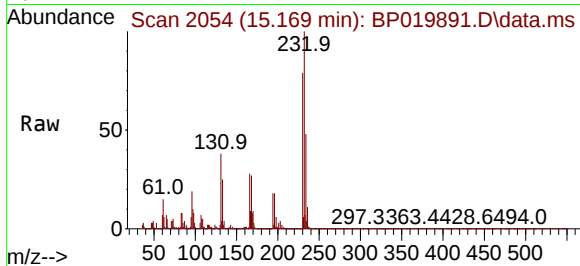
PB159140BS

Tgt Ion:232 Resp: 265900
Ion Ratio Lower Upper
232 100
131 36.3 30.7 46.1
130 2.1 1.8 2.6
166 26.8 22.5 33.7

Manual Integrations

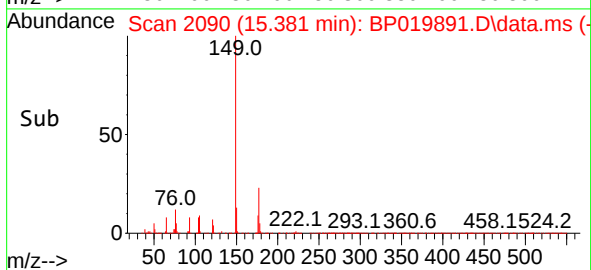
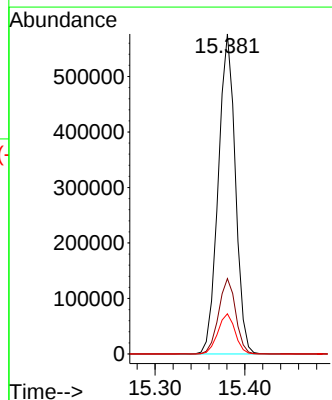
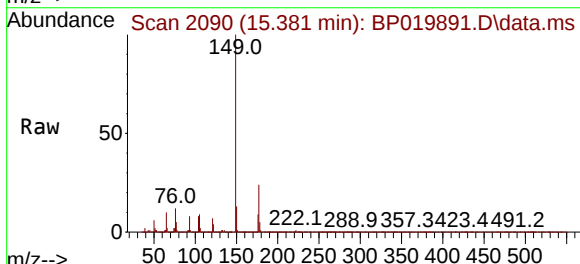
APPROVED

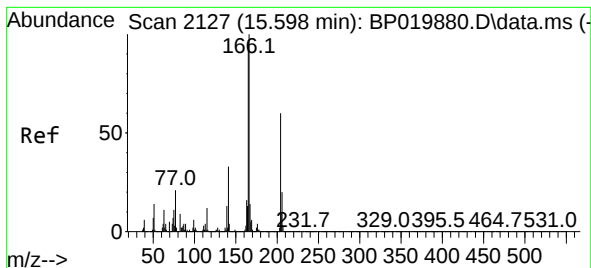
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#60
Diethylphthalate
Concen: 40.131 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

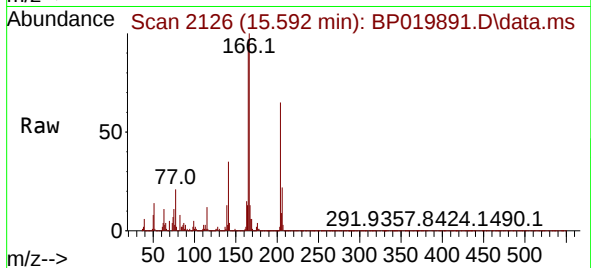
Tgt Ion:149 Resp: 761954
Ion Ratio Lower Upper
149 100
177 23.5 18.4 27.6
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.646 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

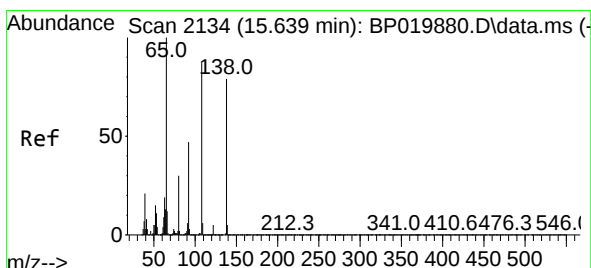
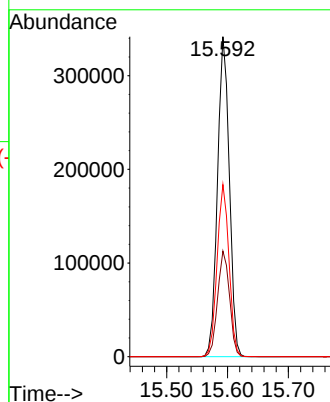
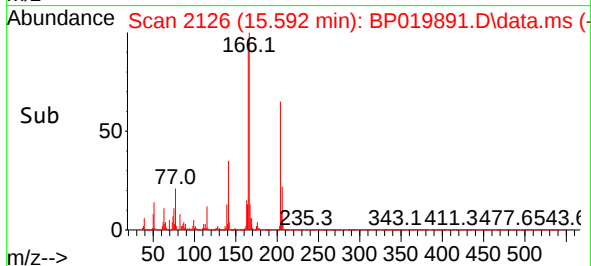
Instrument :
BNA_P
ClientSampleId :
PB159140BS



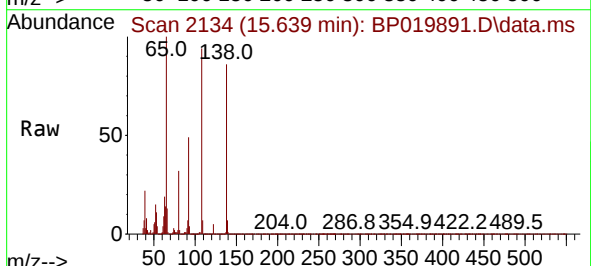
Tgt Ion:204 Resp: 459892
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 53.8 44.2 66.4

Manual Integrations
APPROVED

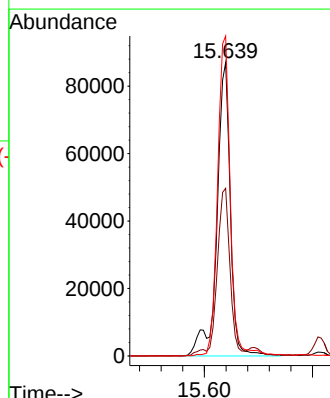
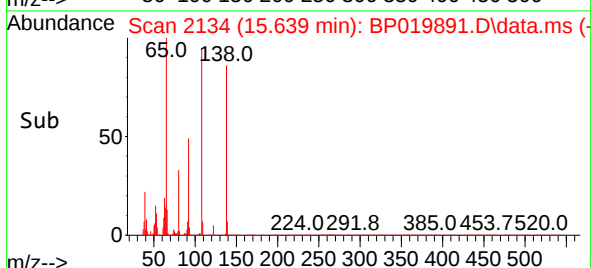
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

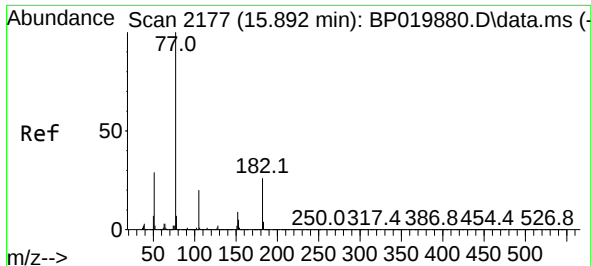


#62
4-Nitroaniline
Concen: 35.210 ng m
RT: 15.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54



Tgt Ion:138 Resp: 150157
Ion Ratio Lower Upper
138 100
92 57.2 39.5 79.5
108 109.1 90.7 130.7





#63
Azobenzene
Concen: 42.890 ng
RT: 15.886 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

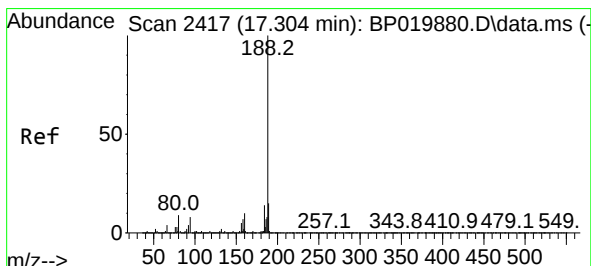
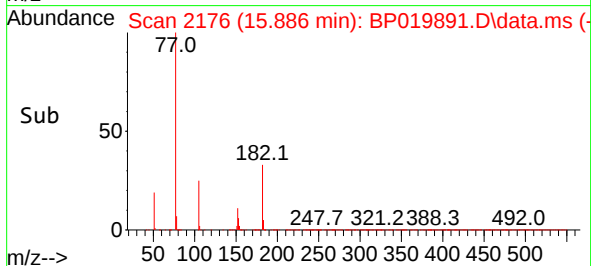
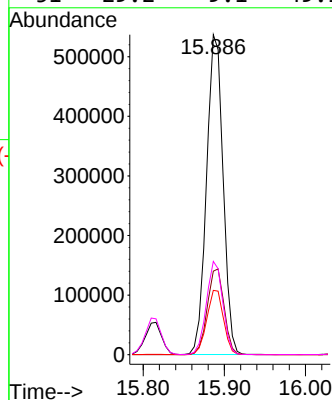
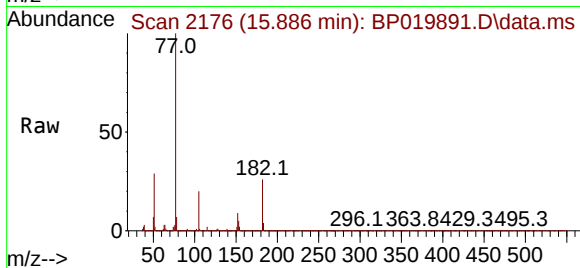
PB159140BS

Tgt Ion: 77 Resp: 75810
Ion Ratio Lower Upper
77 100
182 26.1 6.3 46.3
105 20.1 0.0 40.0
51 29.2 9.1 49.1

Manual Integrations

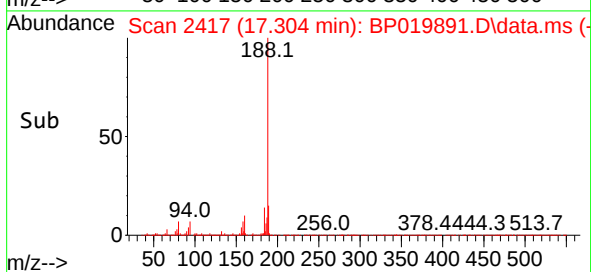
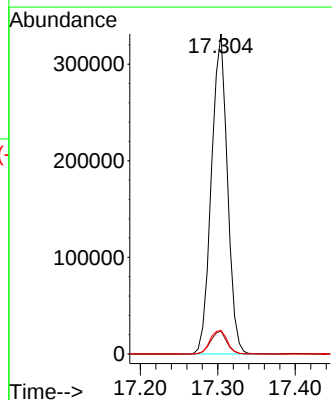
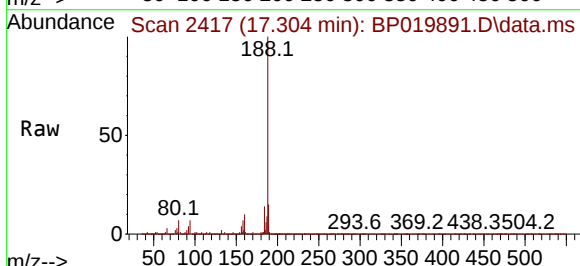
APPROVED

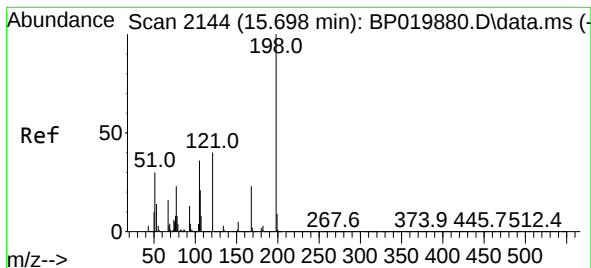
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

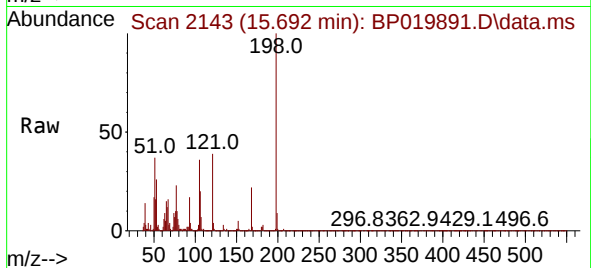
Tgt Ion:188 Resp: 474849
Ion Ratio Lower Upper
188 100
94 7.2 6.2 9.4
80 7.3 7.0 10.4





#65
4,6-Dinitro-2-methylphenol
Concen: 46.836 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

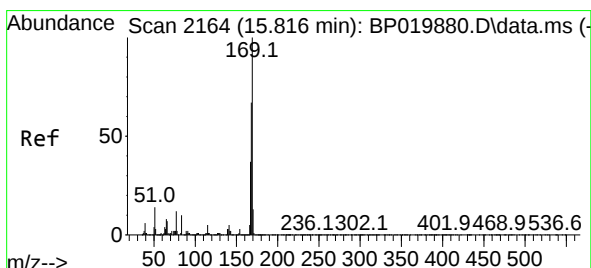
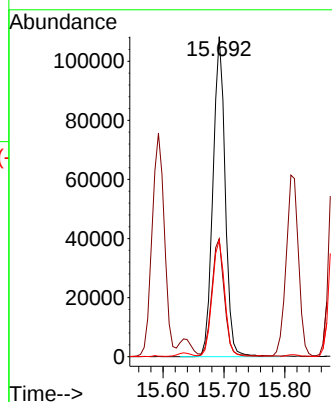
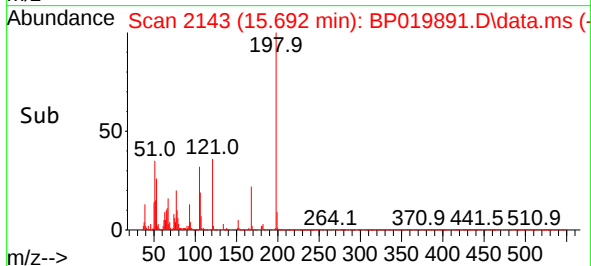
Instrument :
BNA_P
ClientSampleId :
PB159140BS



Tgt Ion:198 Resp: 150952
Ion Ratio Lower Upper
198 100
51 36.8 16.3 56.3
105 36.3 17.8 57.8

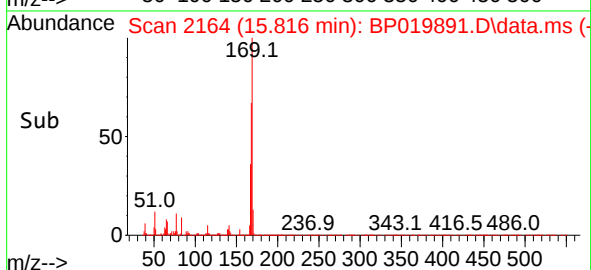
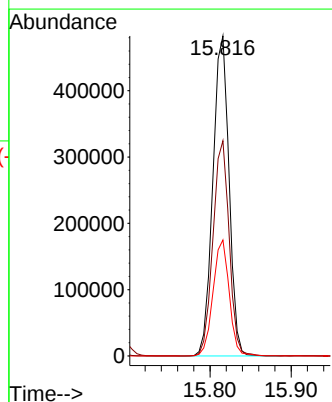
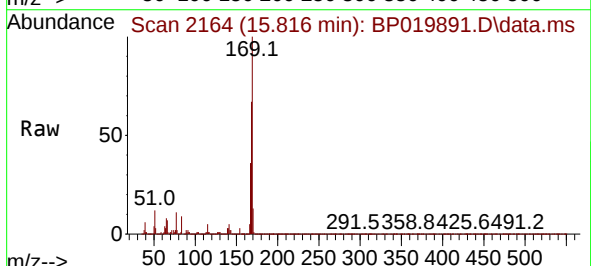
Manual Integrations
APPROVED

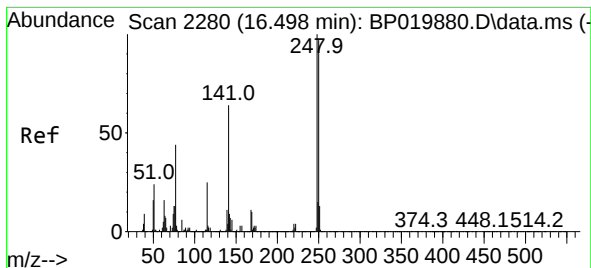
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#66
n-Nitrosodiphenylamine
Concen: 48.897 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:169 Resp: 666245
Ion Ratio Lower Upper
169 100
168 67.2 53.6 80.4
167 36.3 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 49.583 ng
RT: 16.492 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

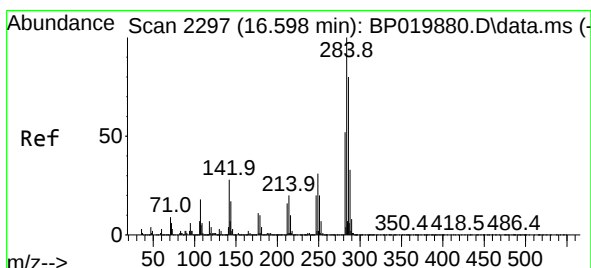
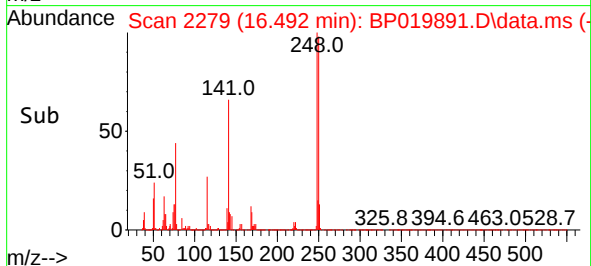
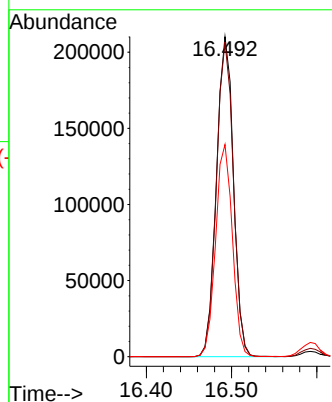
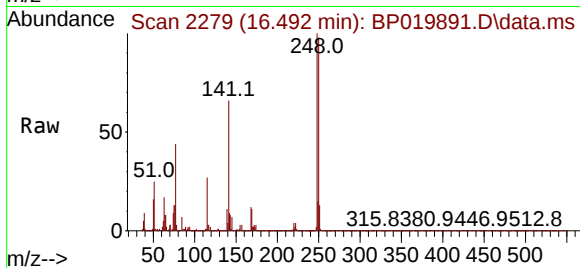
PB159140BS

Tgt Ion:248 Resp: 29112
Ion Ratio Lower Upper
248 100
250 98.4 78.0 117.0
141 66.3 51.6 77.4

Manual Integrations

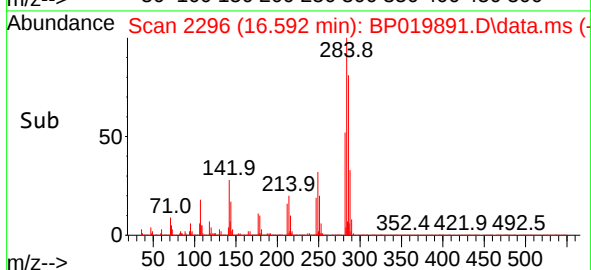
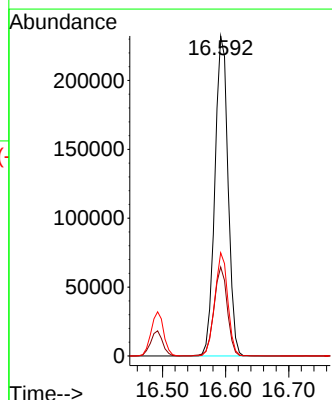
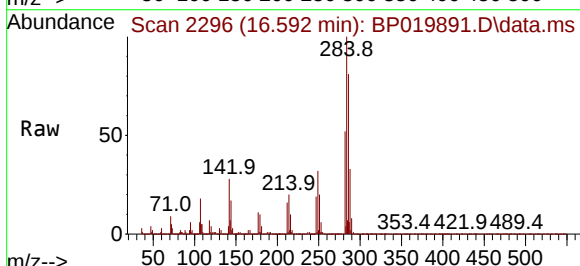
APPROVED

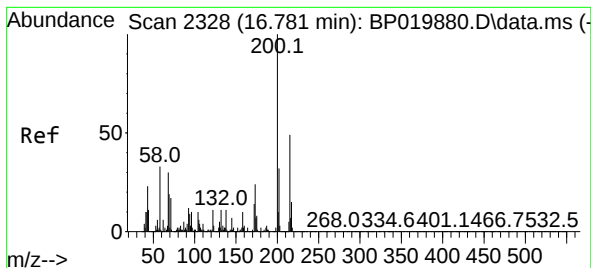
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#68
Hexachlorobenzene
Concen: 53.008 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:284 Resp: 335649
Ion Ratio Lower Upper
284 100
142 27.8 22.6 33.8
249 32.2 25.2 37.8





#69

Atrazine

Concen: 38.475 ng

RT: 16.780 min Scan# 21934

Delta R.T. -0.000 min

Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159140BS

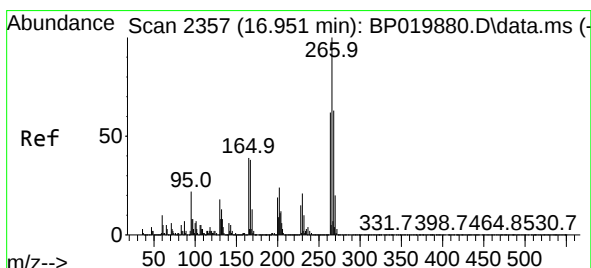
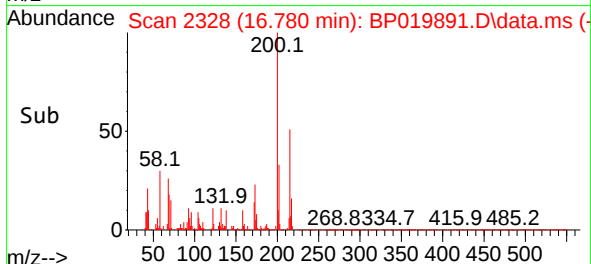
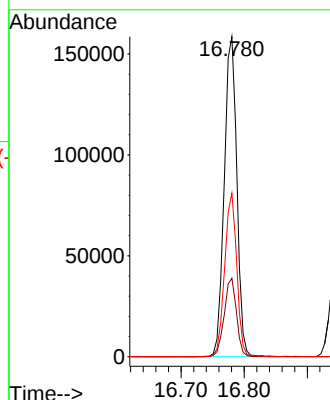
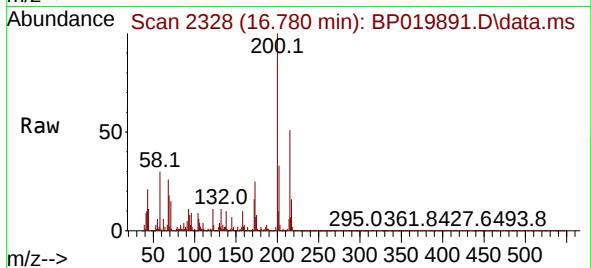
Tgt Ion:200 Resp: 21934

Ion	Ratio	Lower	Upper
200	100		
173	24.5	4.1	44.1
215	51.1	29.1	69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#70

Pentachlorophenol

Concen: 89.900 ng

RT: 16.945 min Scan# 2356

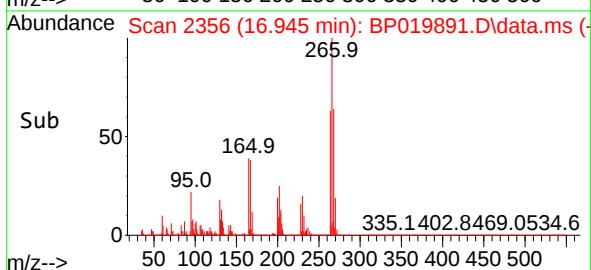
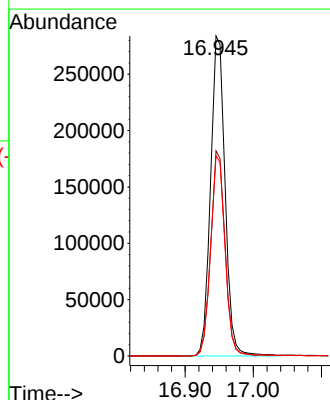
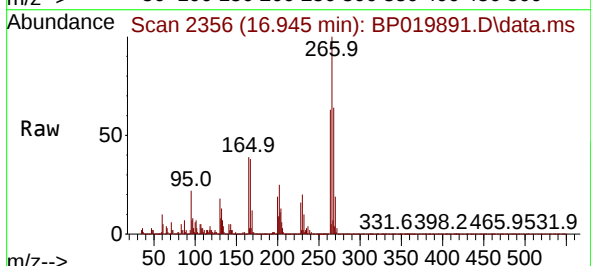
Delta R.T. -0.006 min

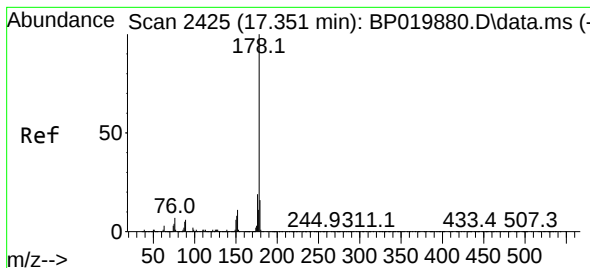
Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

Tgt Ion:266 Resp: 420765

Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.6	76.0
264	62.6	49.7	74.5





#71

Phenanthrene

Concen: 45.755 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159140BS

Tgt Ion:178 Resp: 1159714

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

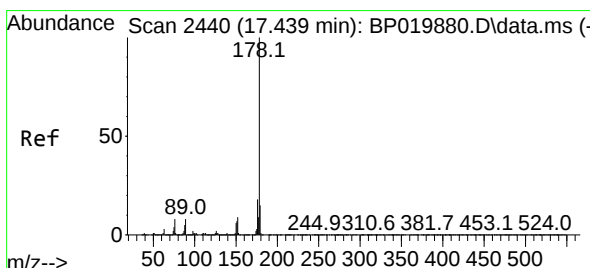
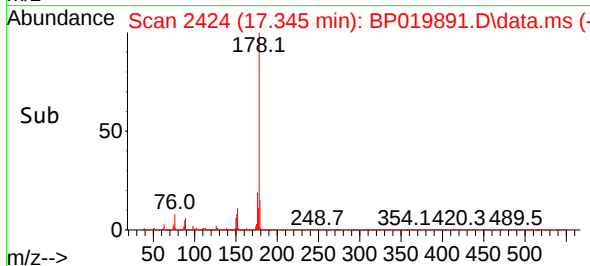
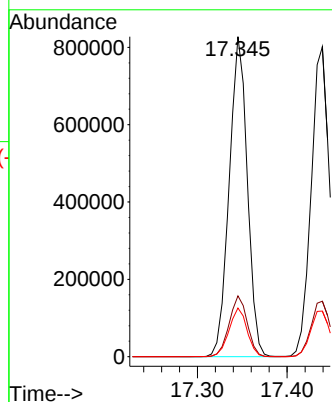
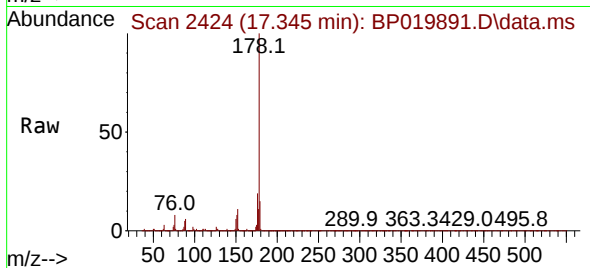
179 15.2 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024

Supervised By :mohammad ahmed 02/29/2024



#72

Anthracene

Concen: 44.505 ng

RT: 17.439 min Scan# 2440

Delta R.T. -0.000 min

Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

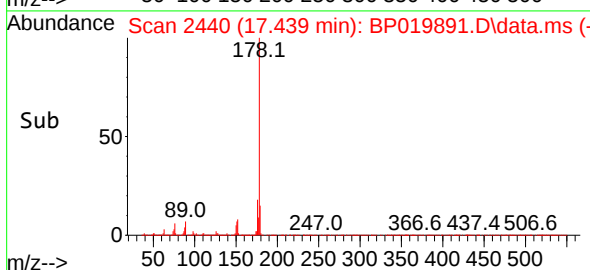
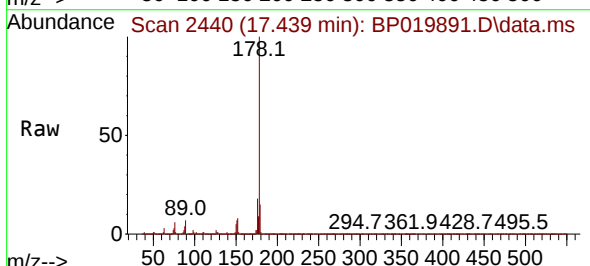
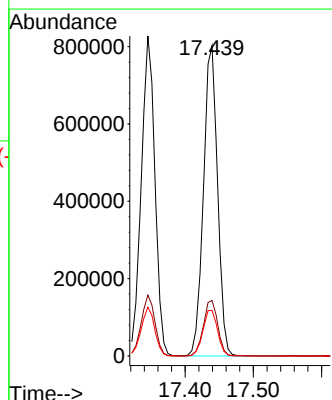
Tgt Ion:178 Resp: 1151522

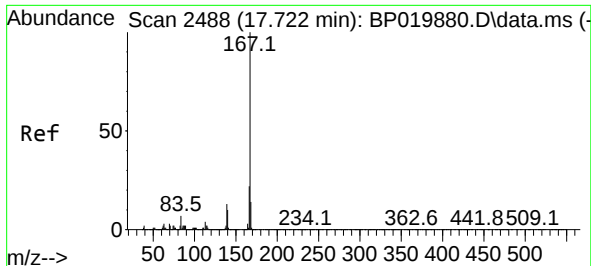
Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

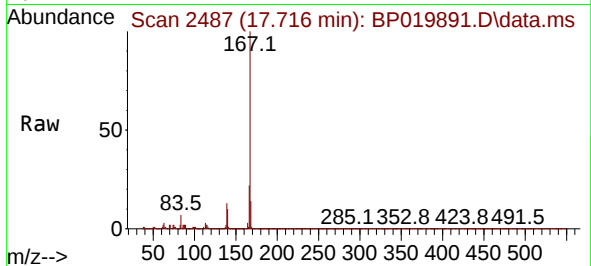
179 14.7 12.2 18.4





#73
 Carbazole
 Concen: 41.486 ng
 RT: 17.716 min Scan# 2488
 Delta R.T. -0.006 min
 Lab File: BP019891.D
 Acq: 27 Feb 2024 11:54

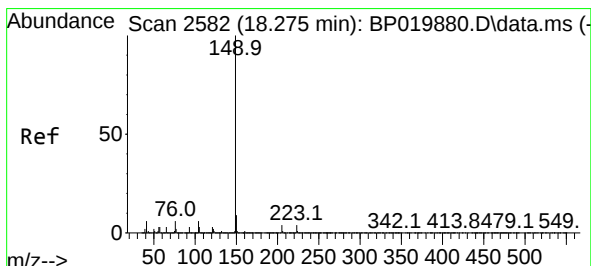
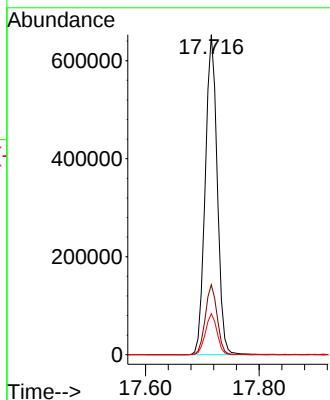
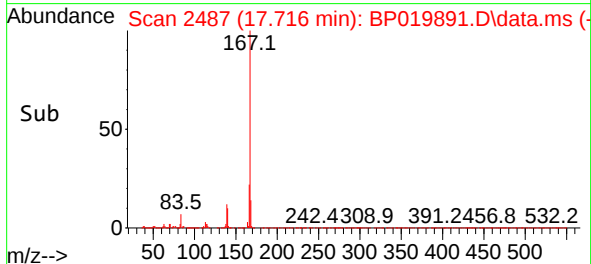
Instrument :
 BNA_P
 ClientSampleId :
 PB159140BS



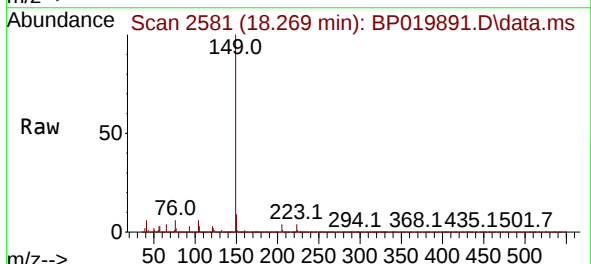
Tgt Ion:167 Resp: 950688
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 12.8 10.5 15.7

Manual Integrations
 APPROVED

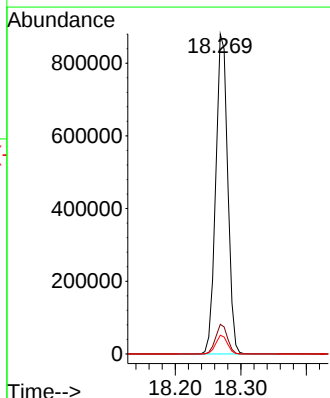
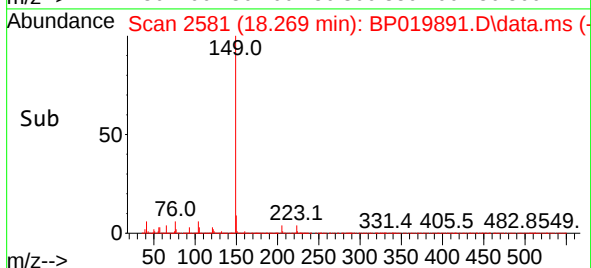
Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024

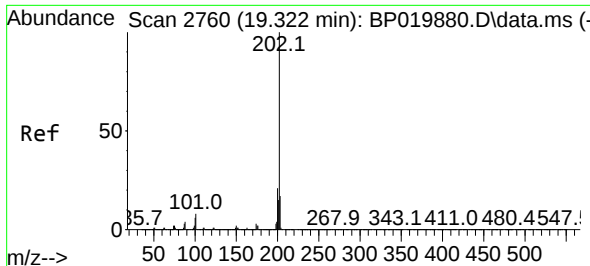


#74
 Di-n-butylphthalate
 Concen: 38.736 ng
 RT: 18.269 min Scan# 2581
 Delta R.T. -0.006 min
 Lab File: BP019891.D
 Acq: 27 Feb 2024 11:54



Tgt Ion:149 Resp: 1110175
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.9 4.6 7.0





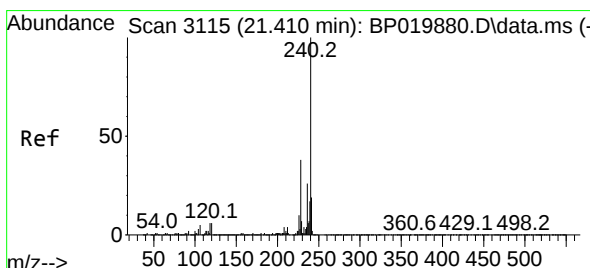
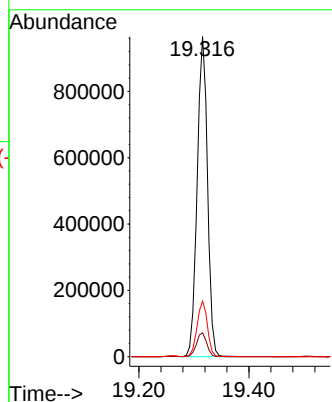
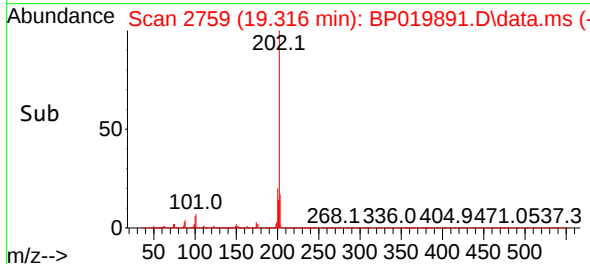
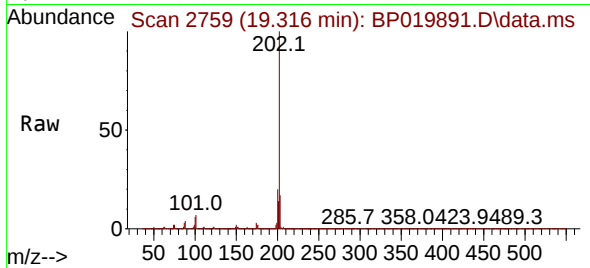
#75
Fluoranthene
Concen: 38.212 ng
RT: 19.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159140BS

Tgt Ion:202 Resp: 125692
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.7
203 17.4 0.0 37.5

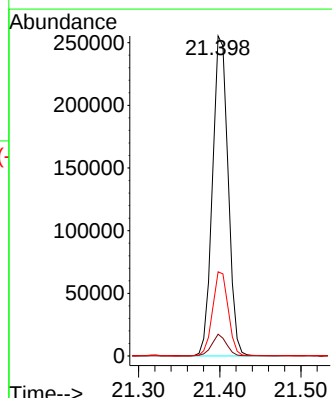
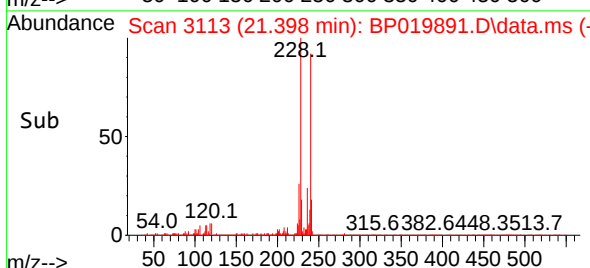
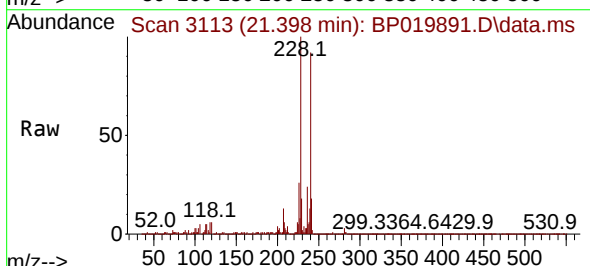
Manual Integrations
APPROVED

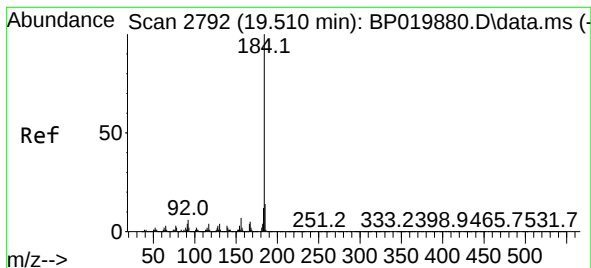
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:240 Resp: 341149
Ion Ratio Lower Upper
240 100
120 6.8 5.1 7.7
236 26.3 20.5 30.7





#77

Benzidine

Concen: 30.905 ng

RT: 19.504 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

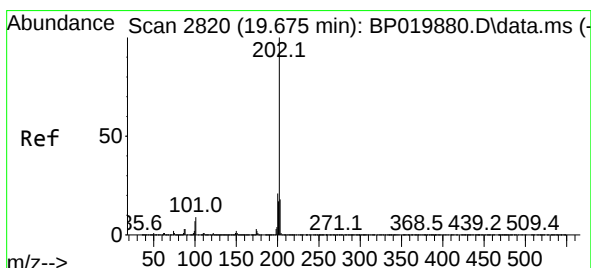
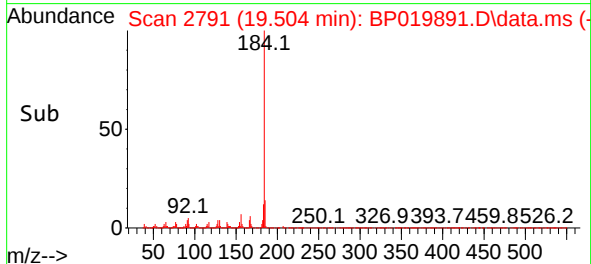
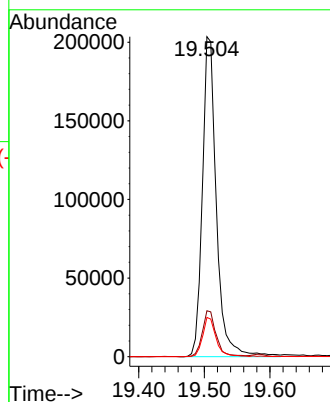
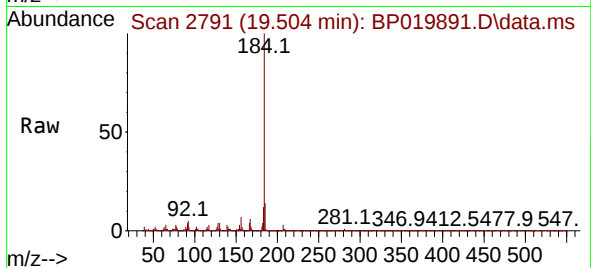
PB159140BS

Tgt Ion:	184	Resp:	30285
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.2	16.8
183	12.3	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#78

Pyrene

Concen: 53.775 ng

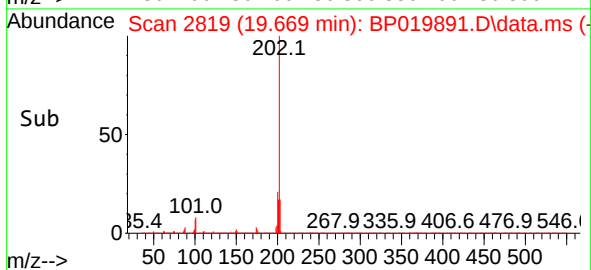
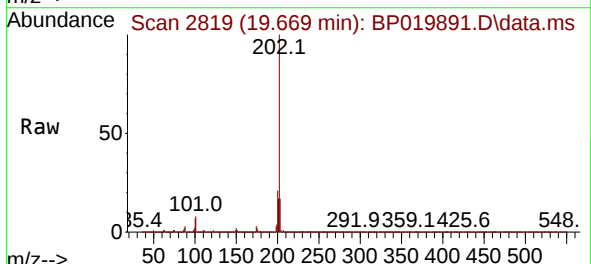
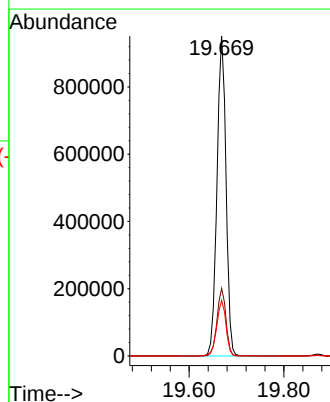
RT: 19.669 min Scan# 2819

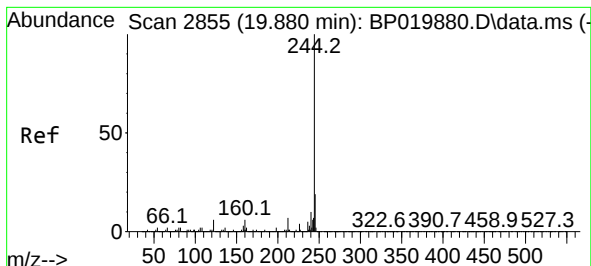
Delta R.T. -0.006 min

Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

Tgt Ion:	202	Resp:	1260443
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.7	25.1
203	17.3	14.2	21.2





#79

Terphenyl-d14

Concen: 101.083 ng

RT: 19.869 min Scan# 2187894

Delta R.T. -0.012 min

Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159140BS

Tgt Ion:244 Resp: 2187894

Ion Ratio Lower Upper

244 100

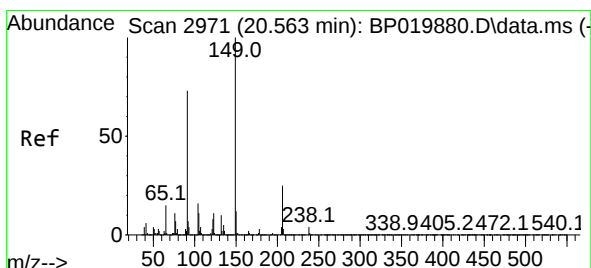
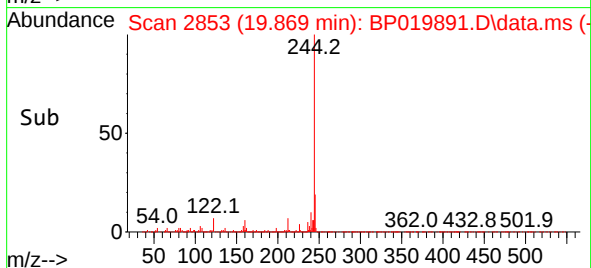
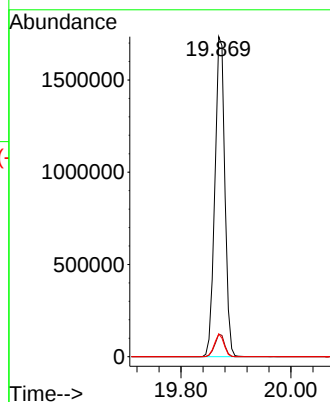
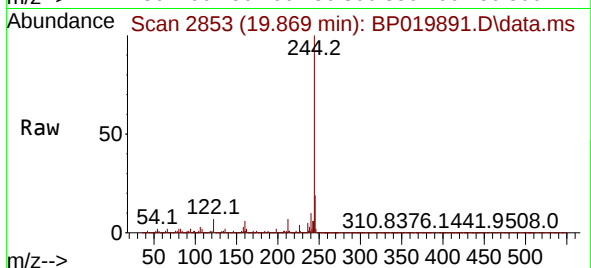
212 7.0 5.8 8.8

122 7.1 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#80

Butylbenzylphthalate

Concen: 44.782 ng

RT: 20.557 min Scan# 2970

Delta R.T. -0.006 min

Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

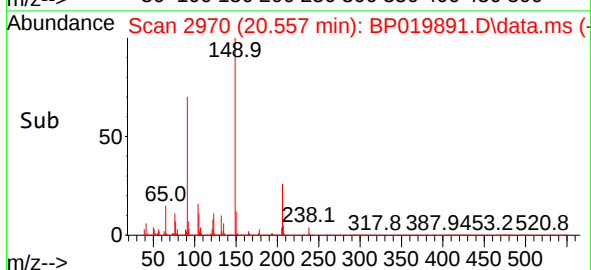
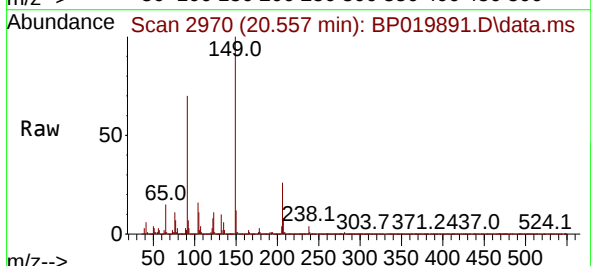
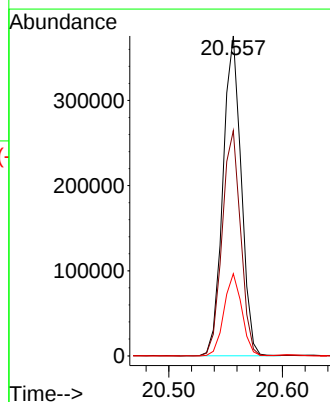
Tgt Ion:149 Resp: 419739

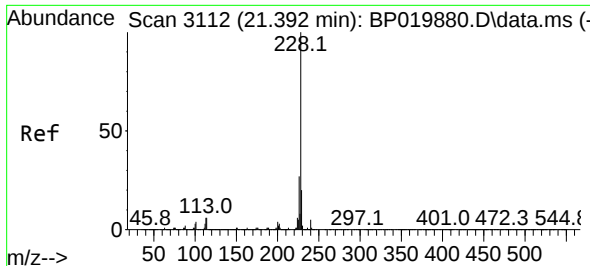
Ion Ratio Lower Upper

149 100

91 70.4 58.3 87.5

206 25.7 19.8 29.8





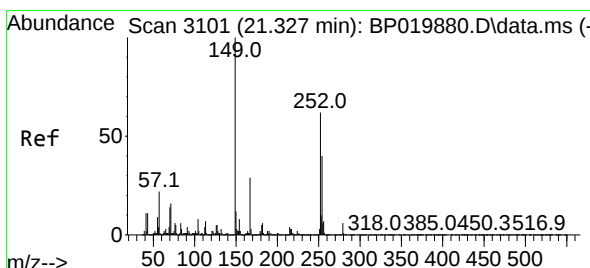
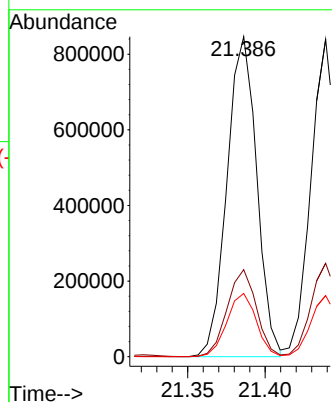
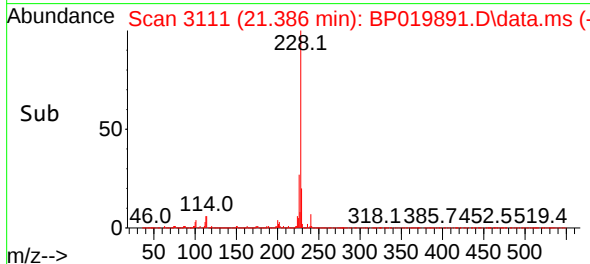
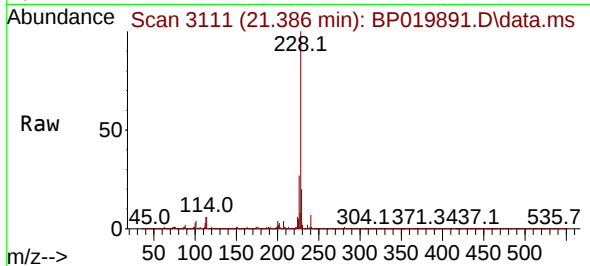
#81
Benzo(a)anthracene
Concen: 46.608 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159140BS

Tgt Ion:228 Resp: 112864
Ion Ratio Lower Upper
228 100
226 27.2 21.5 32.3
229 19.7 15.6 23.4

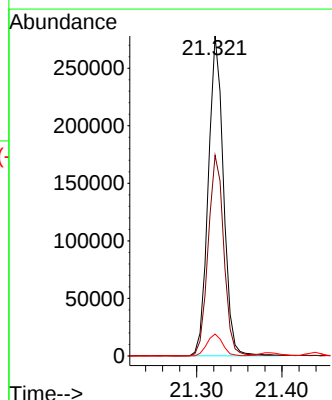
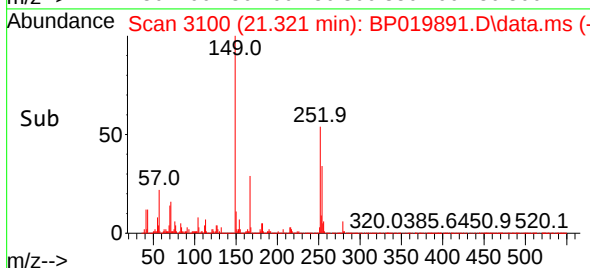
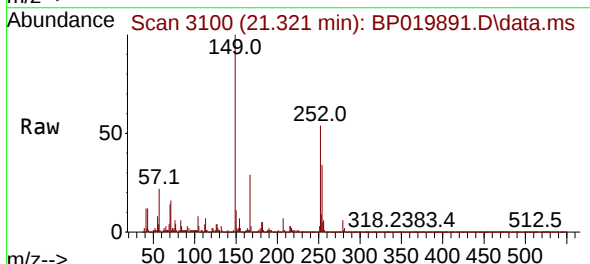
Manual Integrations
APPROVED

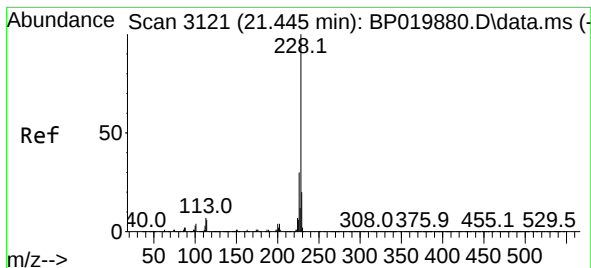
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#82
3,3'-Dichlorobenzidine
Concen: 37.020 ng
RT: 21.321 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:252 Resp: 343833
Ion Ratio Lower Upper
252 100
254 62.7 52.0 78.0
126 6.9 6.1 9.1





#83

Chrysene

Concen: 46.110 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159140BS

Tgt Ion:228 Resp: 1046290

Ion Ratio Lower Upper

228 100

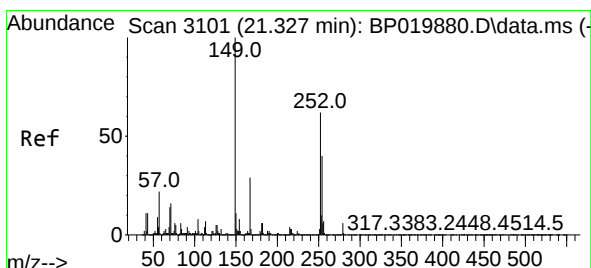
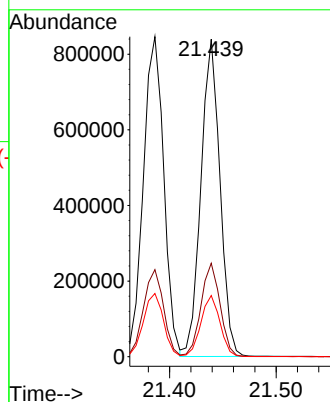
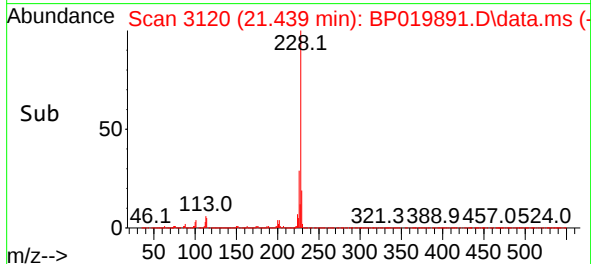
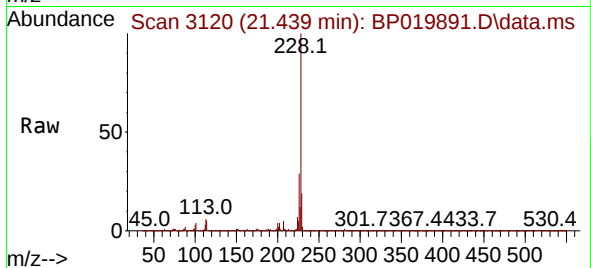
226 29.4 23.9 35.9

229 19.2 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.879 ng

RT: 21.321 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

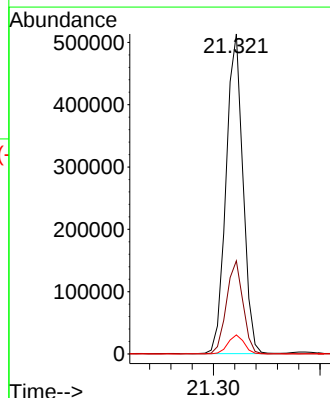
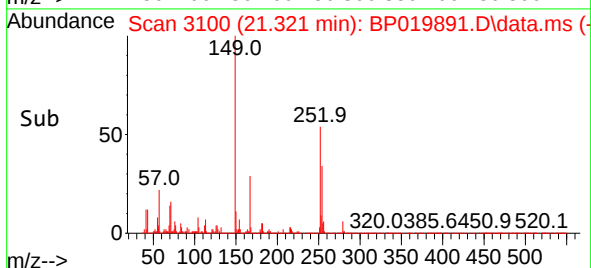
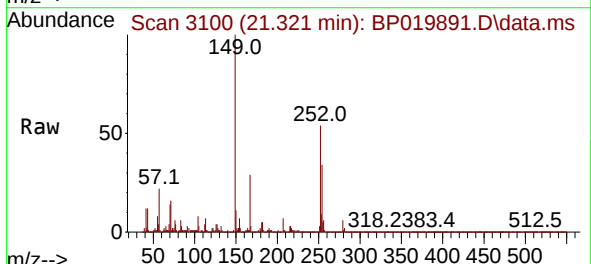
Tgt Ion:149 Resp: 563467

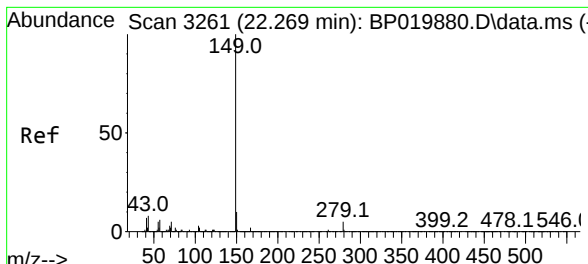
Ion Ratio Lower Upper

149 100

167 29.1 23.0 34.4

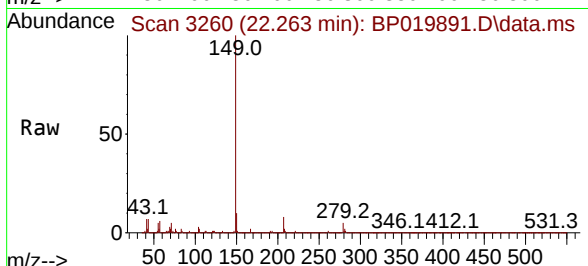
279 5.9 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 40.279 ng
RT: 22.263 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

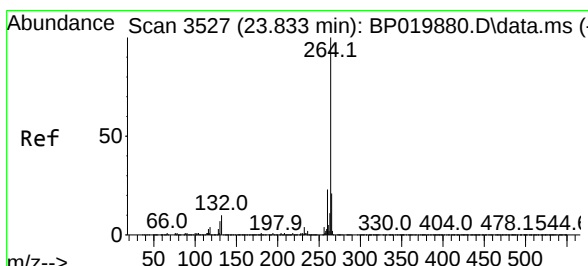
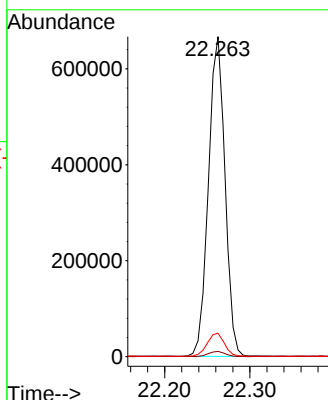
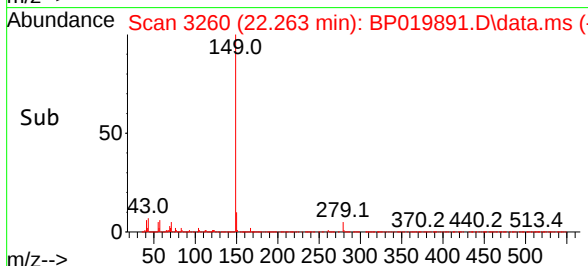
Instrument :
BNA_P
ClientSampleId :
PB159140BS



Tgt Ion:	149	Resp:	901929
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	7.5	6.3	9.5

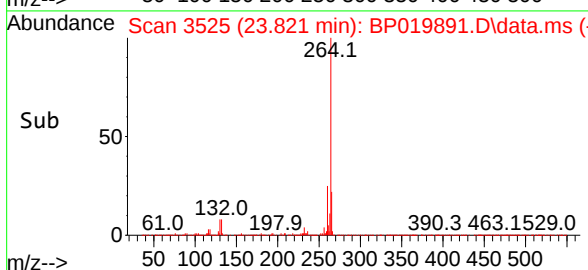
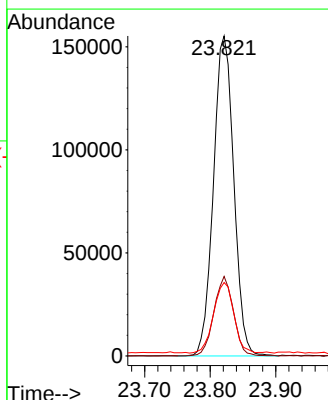
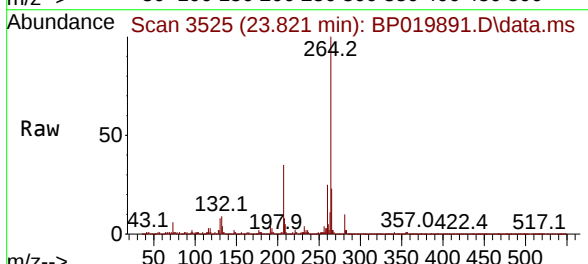
Manual Integrations
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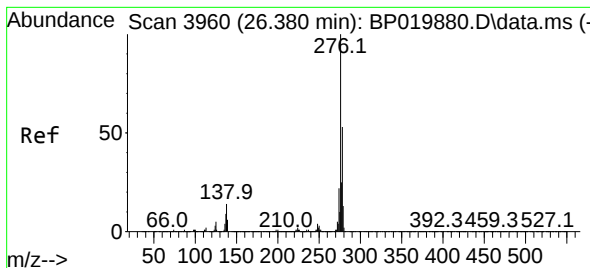
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 3525
Delta R.T. -0.012 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

Tgt Ion:	264	Resp:	333884
Ion Ratio	Lower	Upper	
264	100		
260	24.9	18.7	28.1
265	23.0	17.4	26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.752 ng

RT: 26.356 min Scan# 3956

Delta R.T. -0.024 min

Lab File: BP019891.D

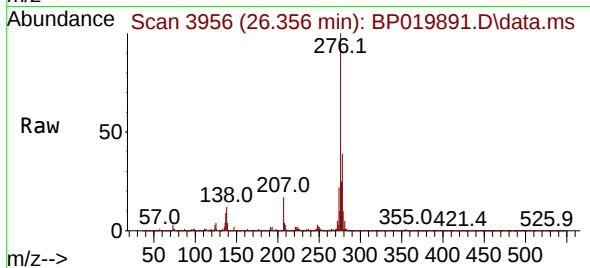
Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159140BS



Tgt Ion:276 Resp: 121646

Ion Ratio Lower Upper

276 100

138 13.8 11.7 17.5

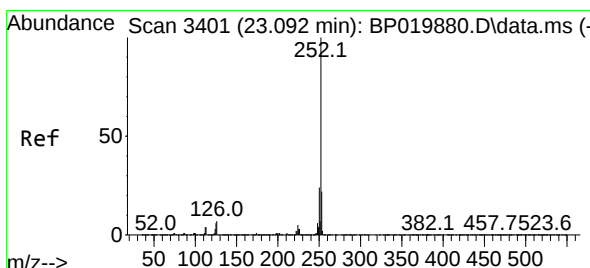
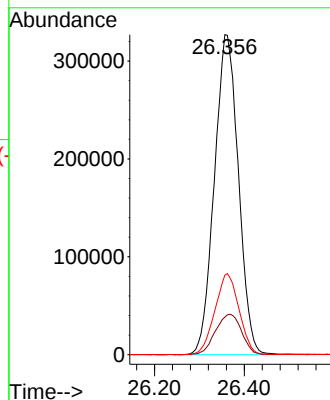
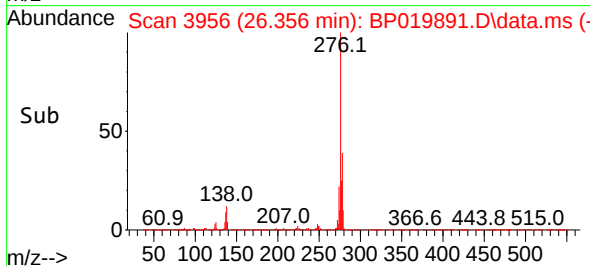
277 25.3 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024

Supervised By :mohammad ahmed 02/29/2024



#88

Benzo(b)fluoranthene

Concen: 52.088 ng

RT: 23.080 min Scan# 3399

Delta R.T. -0.012 min

Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

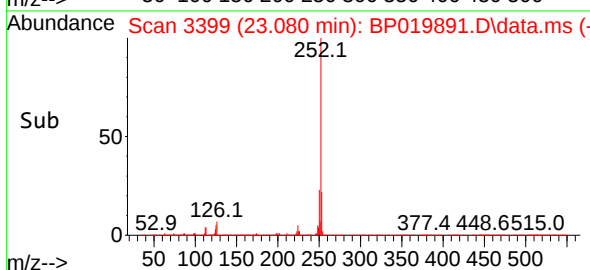
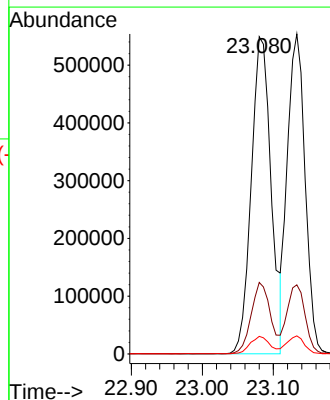
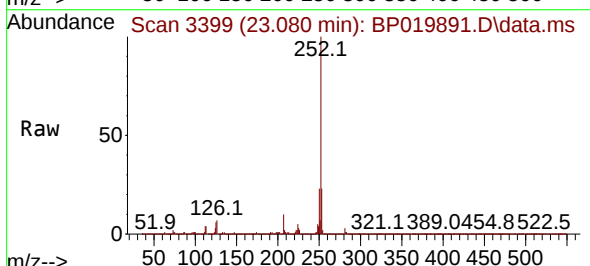
Tgt Ion:252 Resp: 1066245

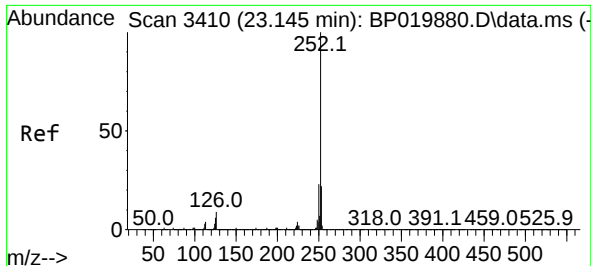
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

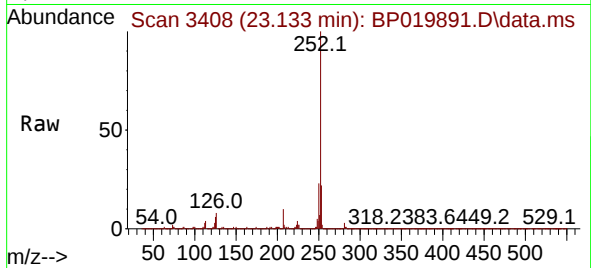
125 5.5 4.6 7.0





#89
Benzo(k)fluoranthene
Concen: 47.652 ng
RT: 23.133 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54

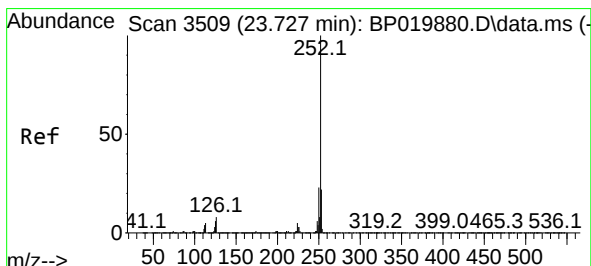
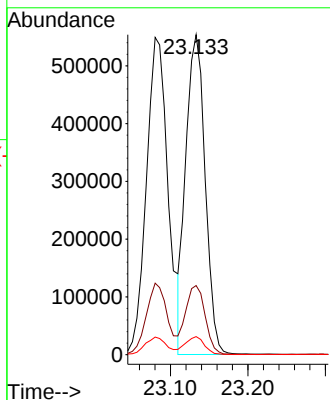
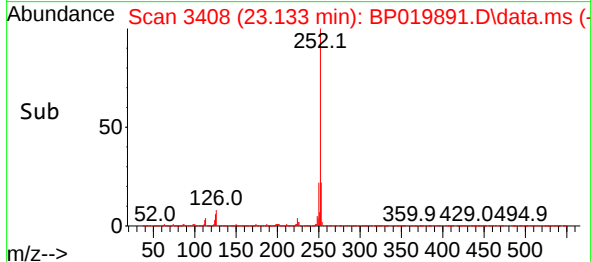
Instrument :
BNA_P
ClientSampleId :
PB159140BS



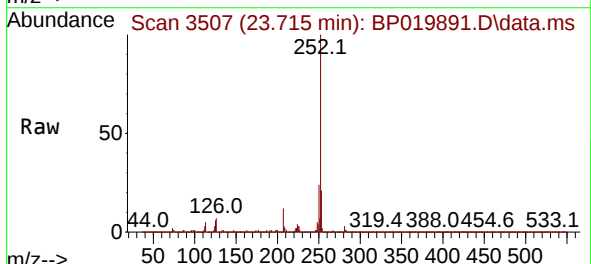
Tgt Ion:252 Resp: 95664
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 5.6 4.6 6.8

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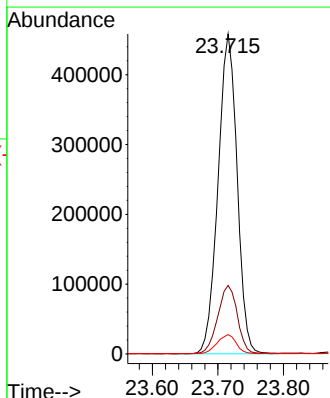
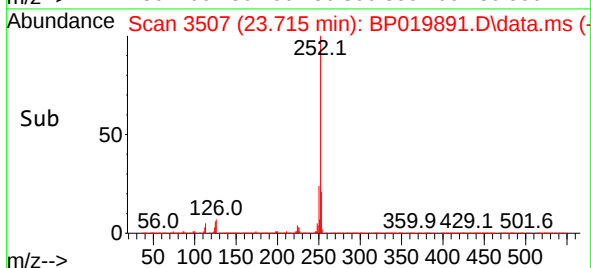
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

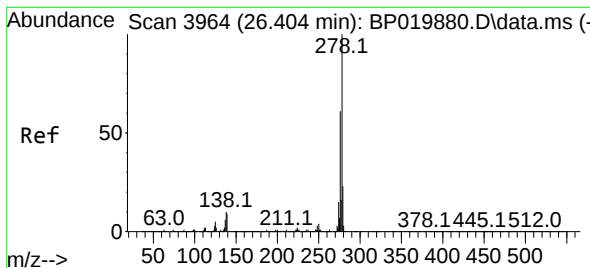


#90
Benzo(a)pyrene
Concen: 47.183 ng
RT: 23.715 min Scan# 3507
Delta R.T. -0.012 min
Lab File: BP019891.D
Acq: 27 Feb 2024 11:54



Tgt Ion:252 Resp: 923015
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 6.0 5.2 7.8





#91

Dibenzo(a,h)anthracene

Concen: 50.814 ng

RT: 26.386 min Scan# 3961

Delta R.T. -0.018 min

Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159140BS

Tgt Ion:278 Resp: 100410

Ion Ratio Lower Upper

278 100

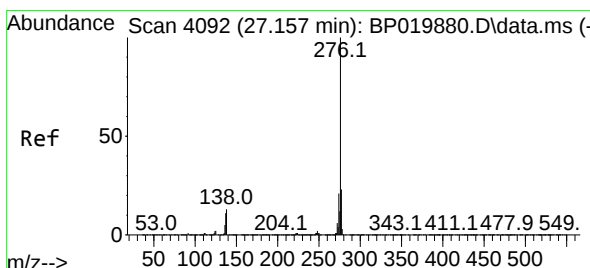
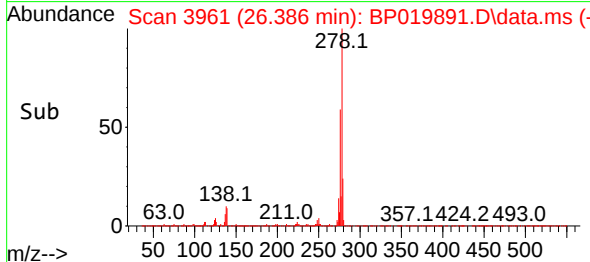
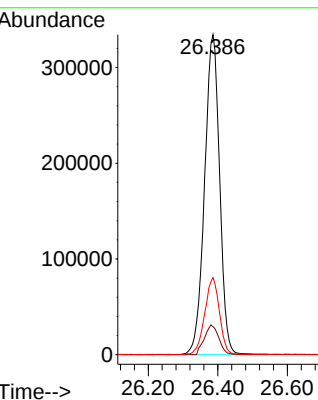
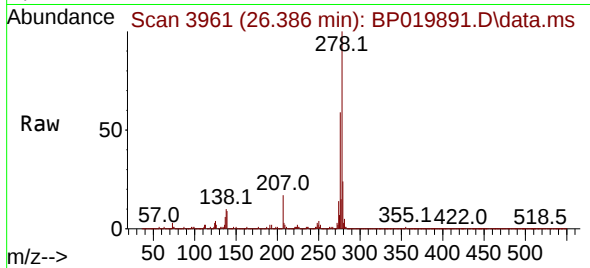
139 8.8 7.4 11.0

279 24.1 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#92

Benzo(g,h,i)perylene

Concen: 51.612 ng

RT: 27.139 min Scan# 4089

Delta R.T. -0.018 min

Lab File: BP019891.D

Acq: 27 Feb 2024 11:54

Tgt Ion:276 Resp: 984524

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 11.9 10.2 15.2

