

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019910.D
 Acq On : 28 Feb 2024 11:24
 Operator : MA/JU
 Sample : PB159054BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159054BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 28 12:05:25 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	7.898	152	95201	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	396293	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	294151	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	715664	20.000	ng	0.00
76) Chrysene-d12	21.410	240	717576	20.000	ng	0.00
86) Perylene-d12	23.833	264	769013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	828679	142.873	ng	0.00
7) Phenol-d6	7.081	99	1166247	135.053	ng	0.00
23) Nitrobenzene-d5	9.081	82	780045	79.465	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	712743	141.314	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1902838	87.402	ng	0.00
79) Terphenyl-d14	19.880	244	3873340	85.077	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	66253	33.026	ng	98
3) Pyridine	3.775	79	189542	30.891	ng	98
4) n-Nitrosodimethylamine	3.699	42	112210	44.378	ng	98
6) Aniline	7.240	93	262230	24.754	ng	97
8) 2-Chlorophenol	7.463	128	307604	49.181	ng	98
9) Benzaldehyde	7.051	77	56921m	11.548	ng	
10) Phenol	7.104	94	421167	48.911	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	295362	43.551	ng	99
12) 1,3-Dichlorobenzene	7.787	146	306681	45.163	ng	99
13) 1,4-Dichlorobenzene	7.940	146	317083	46.112	ng	97
14) 1,2-Dichlorobenzene	8.251	146	307890	44.634	ng	98
15) Benzyl Alcohol	8.157	79	340381	44.680	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	298232m	41.187	ng	
17) 2-Methylphenol	8.357	107	282049	43.797	ng	98
18) Hexachloroethane	8.969	117	120576	45.250	ng	99
19) n-Nitroso-di-n-propyla...	8.728	70	263901	40.453	ng	98
20) 3+4-Methylphenols	8.687	107	390919	42.246	ng	97
22) Acetophenone	8.740	105	493737	40.115	ng	# 98
24) Nitrobenzene	9.122	77	397786	41.858	ng	100
25) Isophorone	9.645	82	723370	42.338	ng	98
26) 2-Nitrophenol	9.828	139	174028	45.766	ng	97
27) 2,4-Dimethylphenol	9.887	122	255560	40.711	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	413609	43.378	ng	99
29) 2,4-Dichlorophenol	10.357	162	348455	49.765	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	351837	45.738	ng	99
31) Naphthalene	10.757	128	924708	43.580	ng	99
32) Benzoic acid	10.069	122	261359	49.142	ng	99
33) 4-Chloroaniline	10.887	127	190512	19.762	ng	98
34) Hexachlorobutadiene	11.022	225	246225	44.016	ng	99
35) Caprolactam	11.704	113	111553m	43.201	ng	
36) 4-Chloro-3-methylphenol	12.010	107	402359	46.583	ng	100
37) 2-Methylnaphthalene	12.369	142	686934	41.705	ng	98
38) 1-Methylnaphthalene	12.586	142	662186	42.487	ng	98
40) 1,2,4,5-Tetrachloroben...	12.734	216	478378	47.610	ng	99
41) Hexachlorocyclopentadiene	12.698	237	527949	101.475	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	327195	49.319	ng	98

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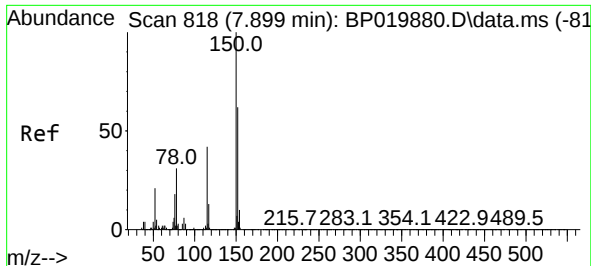
Manual Integrations
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 Supervised By :mohammad ahmed 03/01/2024

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	363478	45.993	ng	98
46) 1,1'-Biphenyl	13.381	154	975312	46.308	ng	99
47) 2-Chloronaphthalene	13.422	162	783620	47.935	ng	100
48) 2-Nitroaniline	13.645	65	280684	47.506	ng	99
49) Acenaphthylene	14.269	152	1277877	48.249	ng	99
50) Dimethylphthalate	14.022	163	1071140	44.608	ng	99
51) 2,6-Dinitrotoluene	14.145	165	234406	45.357	ng	96
52) Acenaphthene	14.610	154	721005	45.339	ng	99
53) 3-Nitroaniline	14.475	138	149331	29.191	ng	96
54) 2,4-Dinitrophenol	14.692	184	336687	99.942	ng	99
55) Dibenzofuran	14.945	168	1255571	46.262	ng	100
56) 4-Nitrophenol	14.792	139	408634	102.112	ng	99
57) 2,4-Dinitrotoluene	14.933	165	339076	46.101	ng	96
58) Fluorene	15.598	166	1031203	46.849	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	349643	48.222	ng	99
60) Diethylphthalate	15.386	149	1080288	45.538	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	580508	46.115	ng	99
62) 4-Nitroaniline	15.645	138	235956m	44.283	ng	
63) Azobenzene	15.892	77	1047008	47.409	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	224236	46.163	ng	98
66) n-Nitrosodiphenylamine	15.822	169	910558	44.341	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	384430	43.443	ng	99
68) Hexachlorobenzene	16.598	284	444565	46.584	ng	99
69) Atrazine	16.786	200	347068	40.392	ng	99
70) Pentachlorophenol	16.951	266	626337	88.792	ng	99
71) Phenanthrene	17.351	178	1694520	44.359	ng	99
72) Anthracene	17.445	178	1716835	44.027	ng	100
73) Carbazole	17.721	167	1565456	45.326	ng	99
74) Di-n-butylphthalate	18.274	149	1870113	43.295	ng	100
75) Fluoranthene	19.321	202	2150348	43.375	ng	100
77) Benzidine	19.510	184	713686	34.624	ng	99
78) Pyrene	19.674	202	2214785	44.923	ng	100
80) Butylbenzylphthalate	20.563	149	853099	43.271	ng	99
81) Benzo(a)anthracene	21.392	228	2298985	45.135	ng	99
82) 3,3'-Dichlorobenzidine	21.327	252	702482	35.959	ng	98
83) Chrysene	21.451	228	2110097	44.210	ng	100
84) Bis(2-ethylhexyl)phtha...	21.327	149	1227072	43.358	ng	99
85) Di-n-octyl phthalate	22.268	149	2111026	44.821	ng	100
87) Indeno(1,2,3-cd)pyrene	26.380	276	2548709	47.077	ng	100
88) Benzo(b)fluoranthene	23.098	252	2338450	49.599	ng	100
89) Benzo(k)fluoranthene	23.145	252	2136929	46.215	ng	100
90) Benzo(a)pyrene	23.727	252	2035453	45.175	ng	99
91) Dibenzo(a,h)anthracene	26.409	278	2122704	46.640	ng	99
92) Benzo(g,h,i)perylene	27.162	276	1985388	45.189	ng	99

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



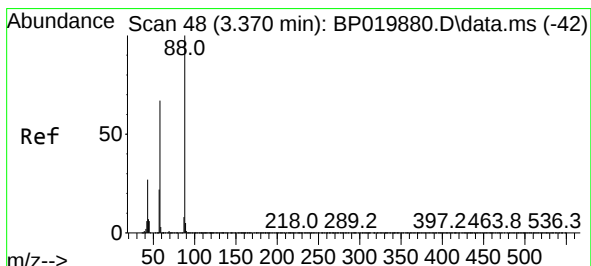
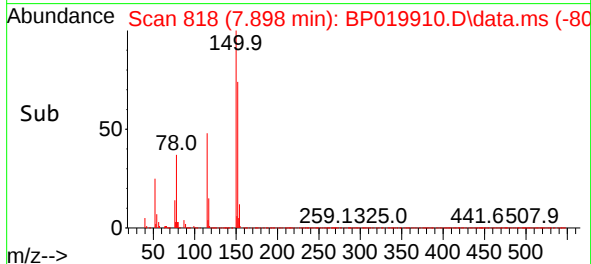
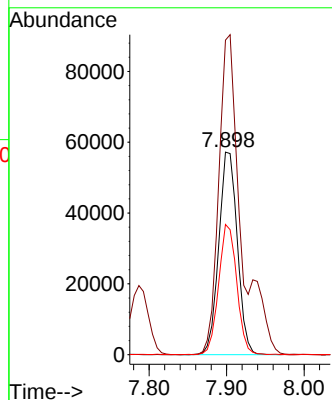
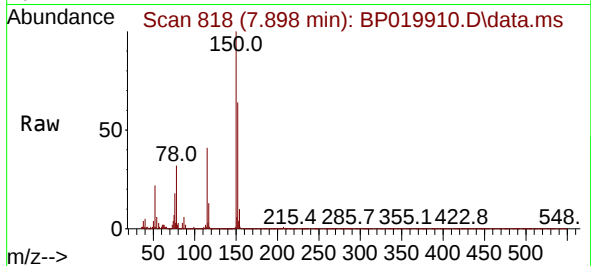
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :
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ClientSampleId :
PB159054BS

Tgt Ion:152 Resp: 9520
Ion Ratio Lower Upper
152 100
150 155.3 128.6 192.8
115 64.4 53.4 80.2

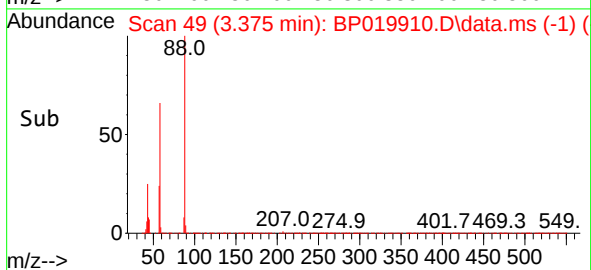
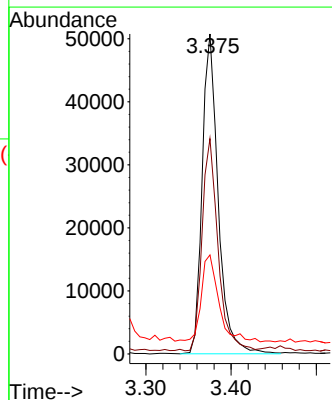
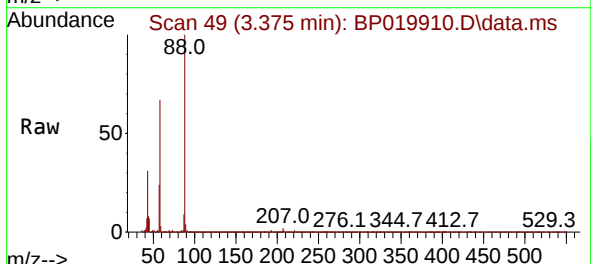
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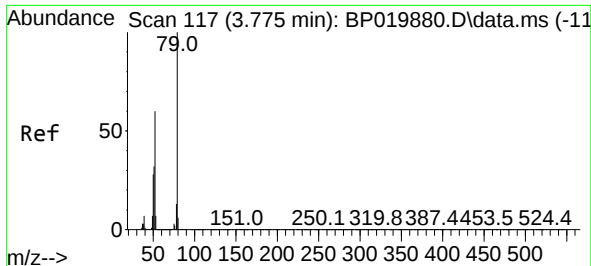
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#2
1,4-Dioxane
Concen: 33.026 ng
RT: 3.375 min Scan# 49
Delta R.T. 0.005 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

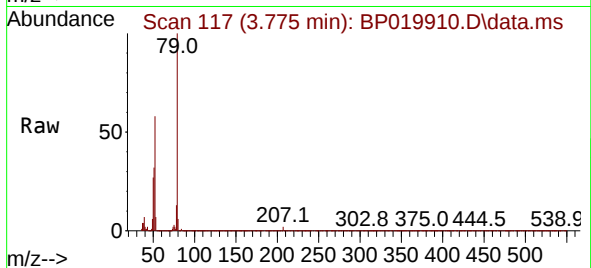
Tgt Ion: 88 Resp: 66253
Ion Ratio Lower Upper
88 100
58 65.8 52.0 78.0
43 28.4 21.6 32.4





#3
Pyridine
Concen: 30.891 ng
RT: 3.775 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

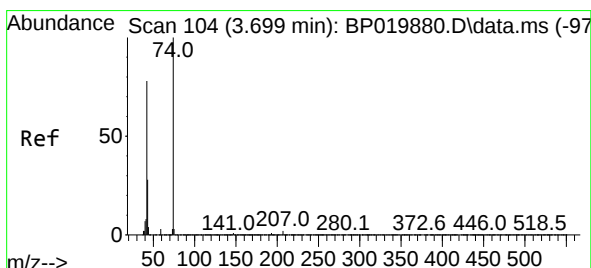
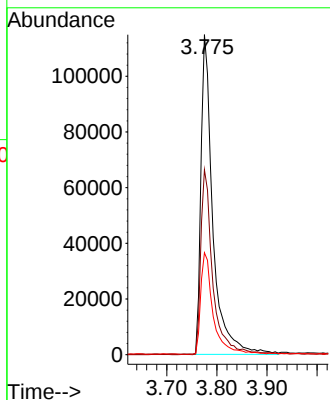
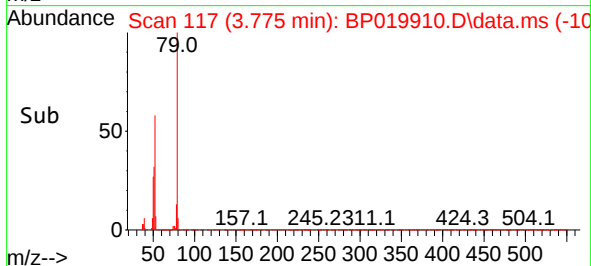
Instrument :
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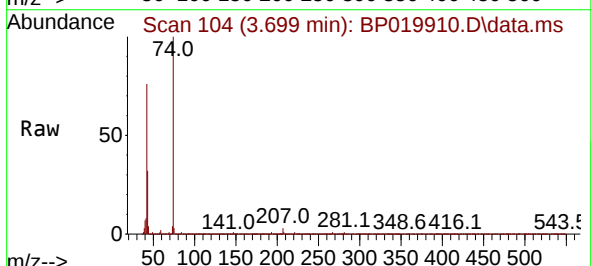
Tgt Ion: 79 Resp: 18954
Ion Ratio Lower Upper
79 100
52 57.8 47.8 71.8
51 31.9 26.2 39.2

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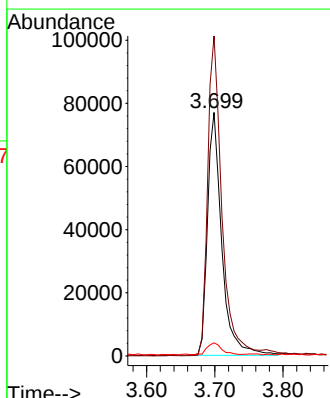
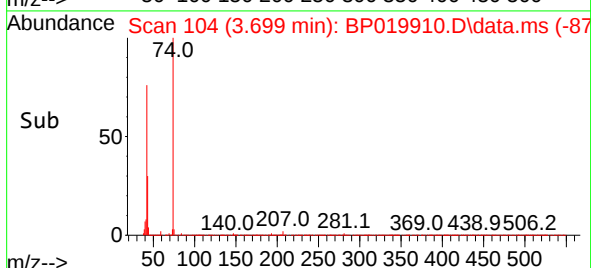
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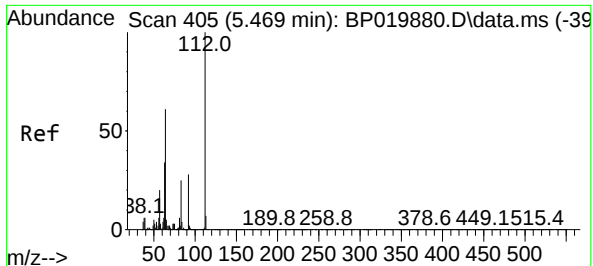


#4
n-Nitrosodimethylamine
Concen: 44.378 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24



Tgt Ion: 42 Resp: 112210
Ion Ratio Lower Upper
42 100
74 131.4 103.0 154.4
44 5.4 4.6 6.8





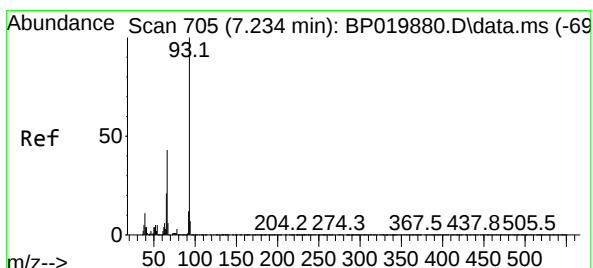
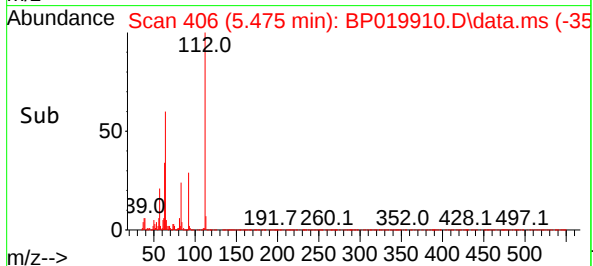
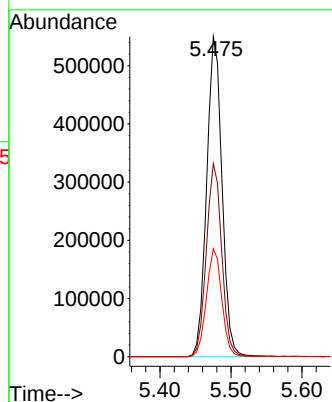
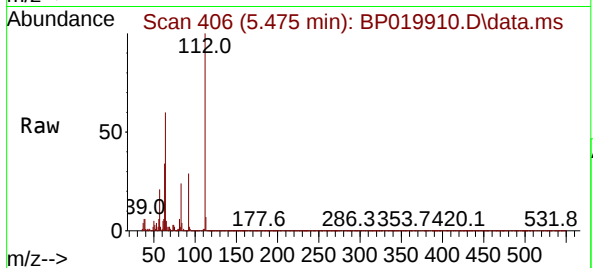
#5
2-Fluorophenol
Concen: 142.873 ng
RT: 5.475 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :
BNA_P
ClientSampleId :
PB159054BS

Tgt Ion:112 Resp: 828679
Ion Ratio Lower Upper
112 100
64 60.3 49.0 73.6
63 33.8 27.6 41.4

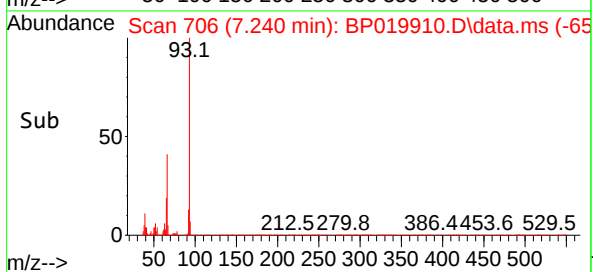
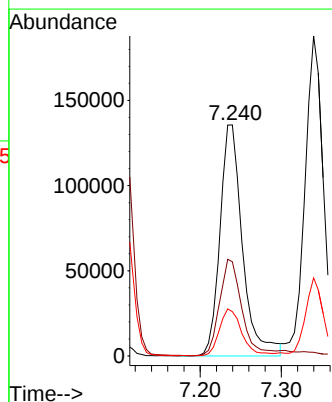
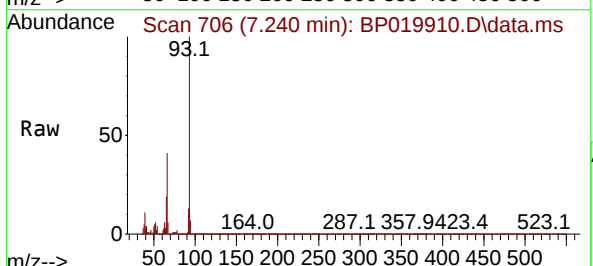
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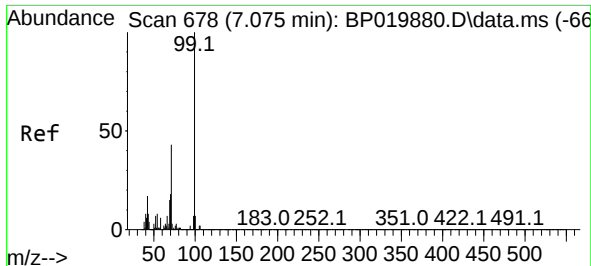
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#6
Aniline
Concen: 24.754 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion: 93 Resp: 262230
Ion Ratio Lower Upper
93 100
66 40.8 34.5 51.7
65 19.2 16.5 24.7





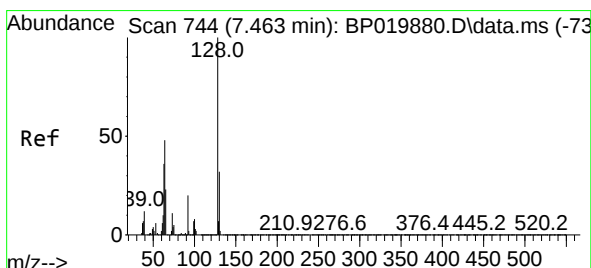
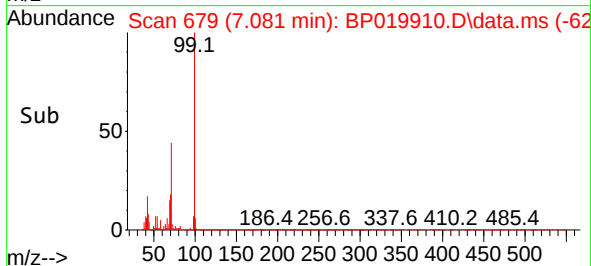
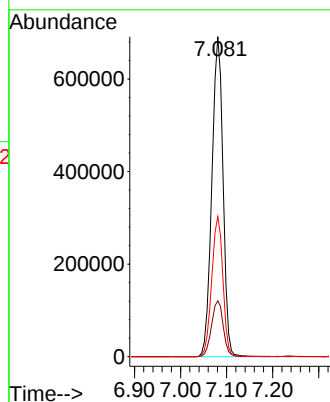
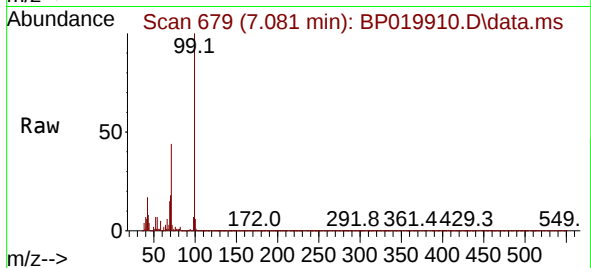
#7
Phenol-d6
Concen: 135.053 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :
BNA_P
ClientSampleId :
PB159054BS

Tgt Ion: 99 Resp: 116624
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.8
71 43.8 34.5 51.7

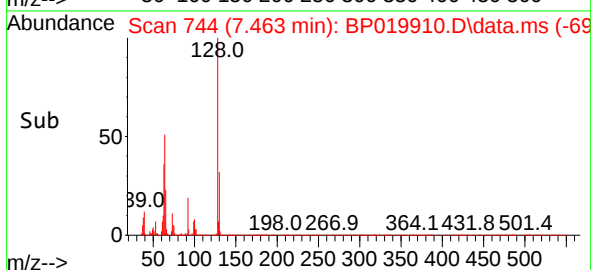
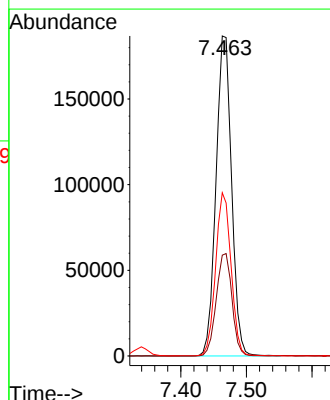
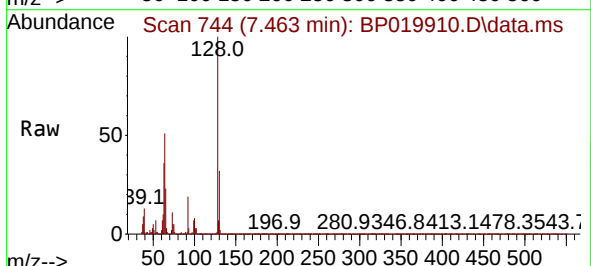
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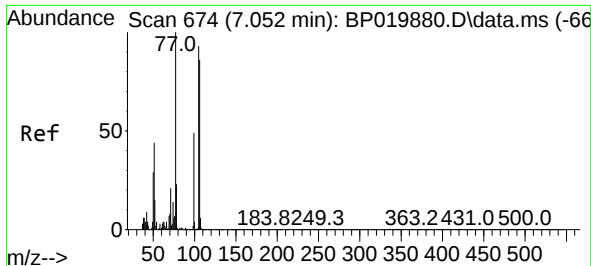
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#8
2-Chlorophenol
Concen: 49.181 ng
RT: 7.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:128 Resp: 307604
Ion Ratio Lower Upper
128 100
130 31.5 12.3 52.3
64 51.0 29.2 69.2





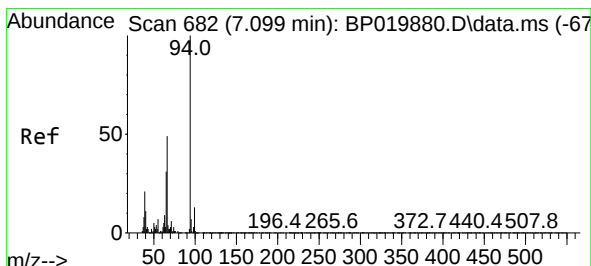
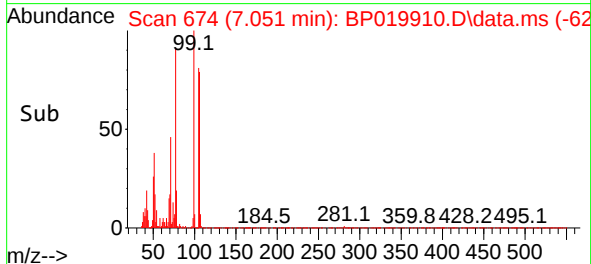
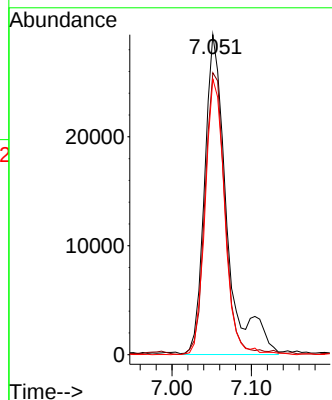
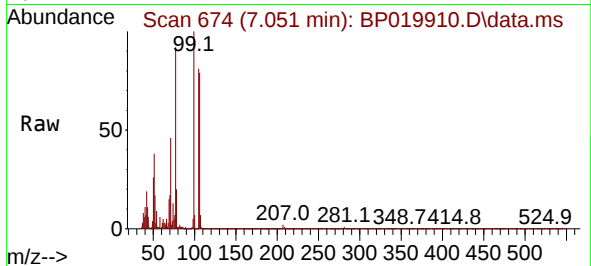
#9
Benzaldehyde
Concen: 11.548 ng m
RT: 7.051 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :
BNA_P
ClientSampleId :
PB159054BS

Tgt Ion: 77 Resp: 5692
Ion Ratio Lower Upper
77 100
105 88.1 73.2 113.2
106 86.1 66.3 106.3

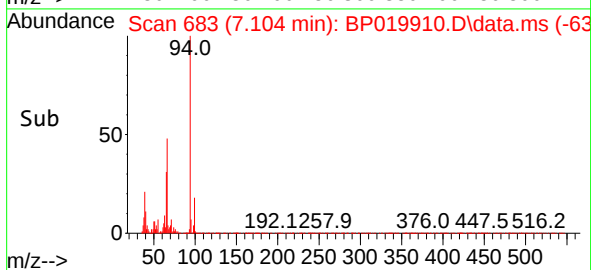
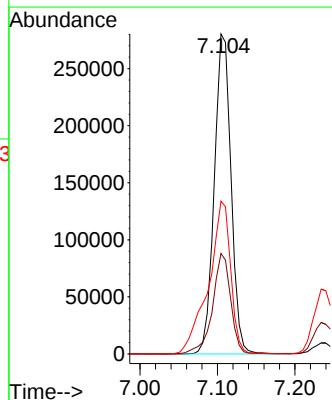
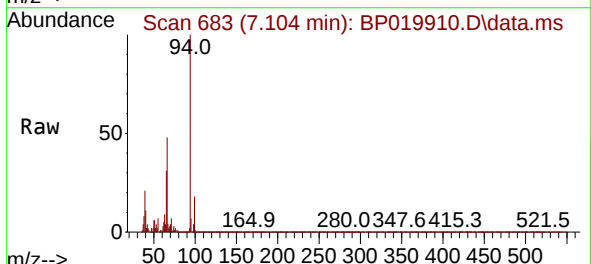
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#10
Phenol
Concen: 48.911 ng
RT: 7.104 min Scan# 683
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

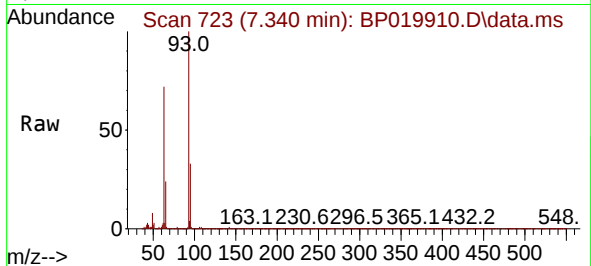
Tgt Ion: 94 Resp: 421167
Ion Ratio Lower Upper
94 100
65 31.4 11.5 51.5
66 47.7 29.2 69.2





#11
bis(2-Chloroethyl)ether
Concen: 43.551 ng
RT: 7.340 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

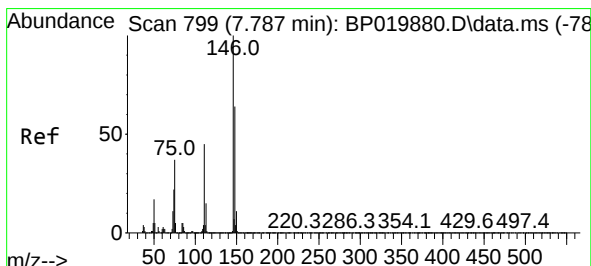
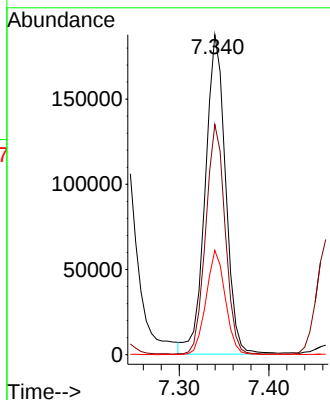
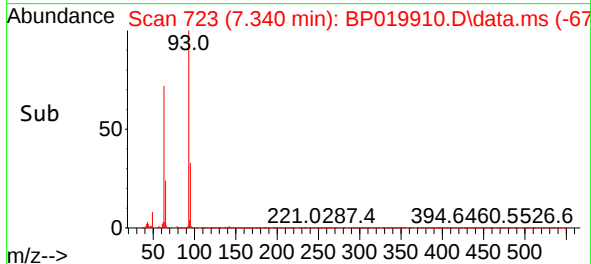
Instrument :
BNA_P
ClientSampleId :
PB159054BS



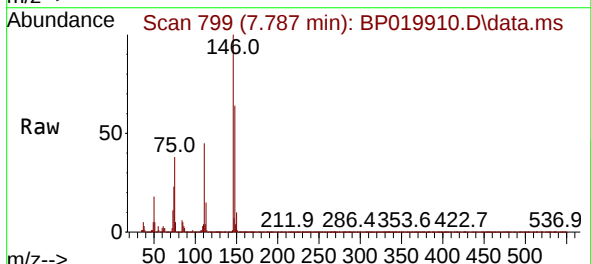
Tgt Ion: 93 Resp: 295362
Ion Ratio Lower Upper
93 100
63 72.0 52.0 92.0
95 32.6 11.6 51.6

Manual Integrations
APPROVED

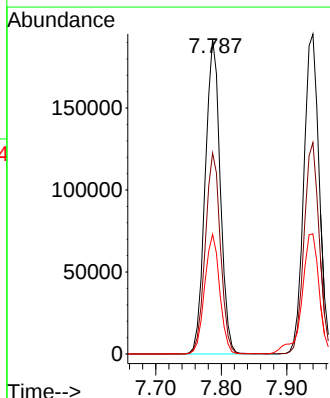
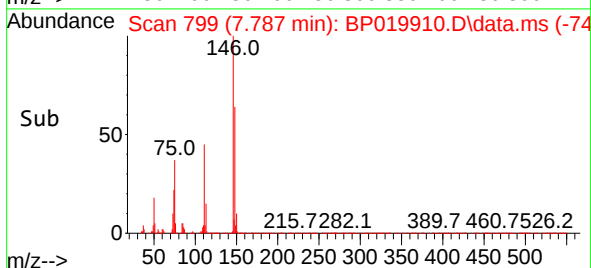
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

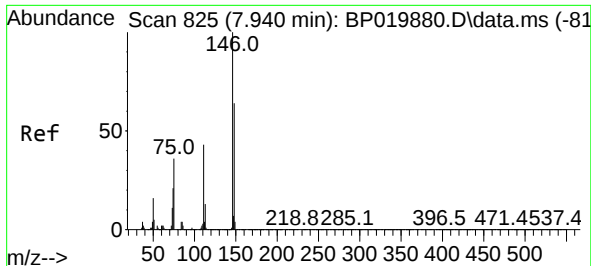


#12
1,3-Dichlorobenzene
Concen: 45.163 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24



Tgt Ion:146 Resp: 306681
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
75 38.0 29.8 44.8





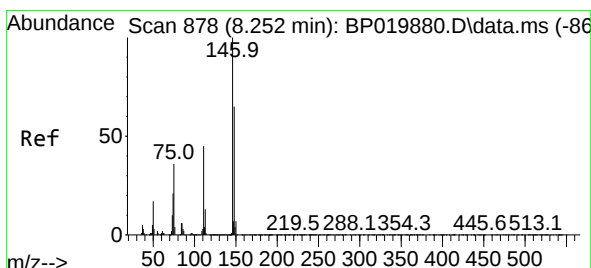
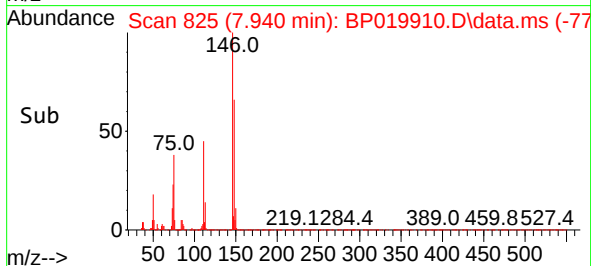
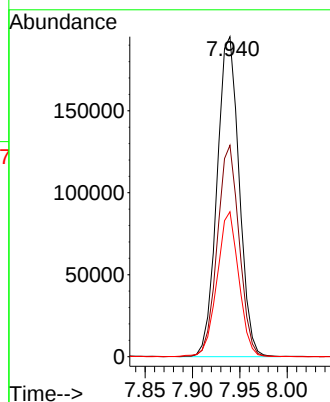
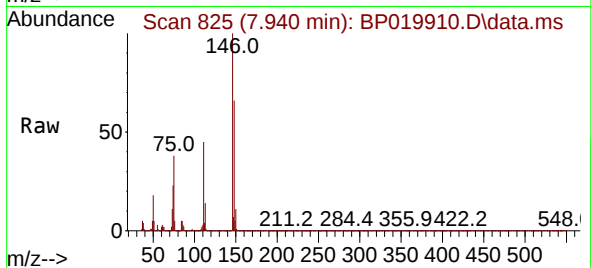
#13
1,4-Dichlorobenzene
Concen: 46.112 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :
BNA_P
ClientSampleId :
PB159054BS

Tgt Ion:146 Resp: 31708
Ion Ratio Lower Upper
146 100
148 66.0 51.0 76.6
111 45.3 34.6 52.0

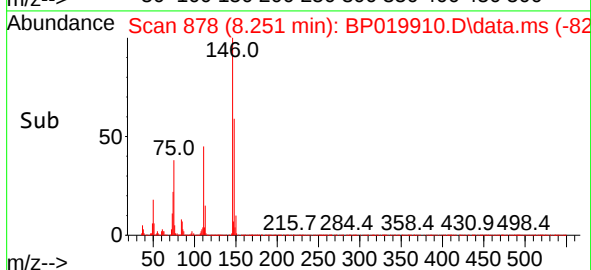
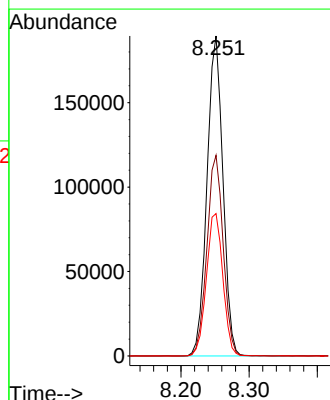
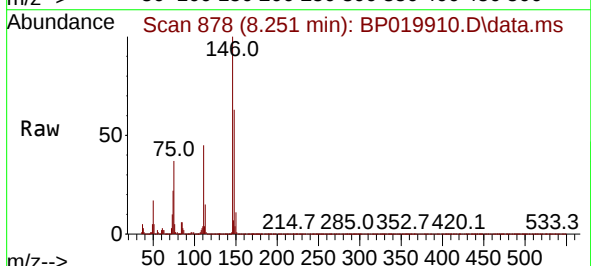
Manual Integrations
APPROVED

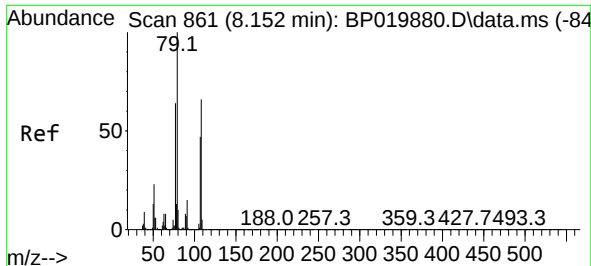
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#14
1,2-Dichlorobenzene
Concen: 44.634 ng
RT: 8.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:146 Resp: 307890
Ion Ratio Lower Upper
146 100
148 62.7 51.7 77.5
111 44.5 35.9 53.9





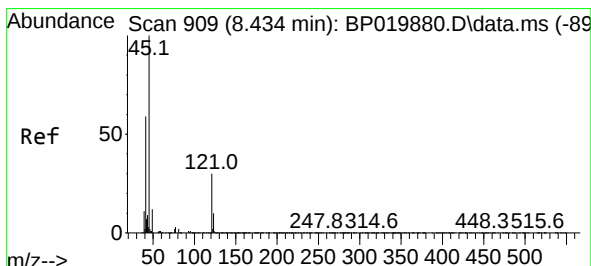
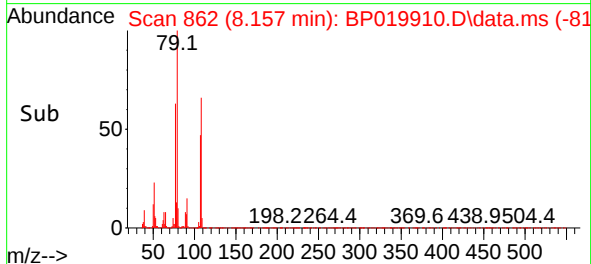
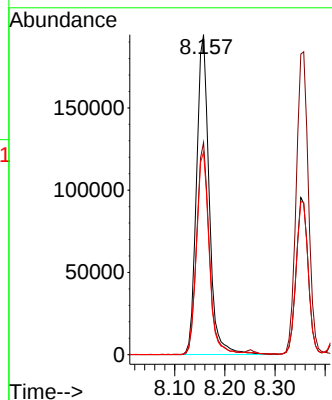
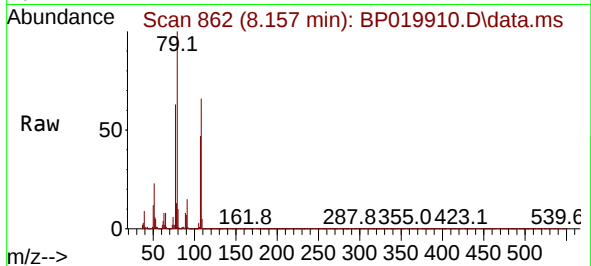
#15
Benzyl Alcohol
Concen: 44.680 ng
RT: 8.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :
BNA_P
ClientSampleId :
PB159054BS

Tgt Ion: 79 Resp: 34038
Ion Ratio Lower Upper
79 100
108 66.3 52.5 78.7
77 63.3 51.0 76.4

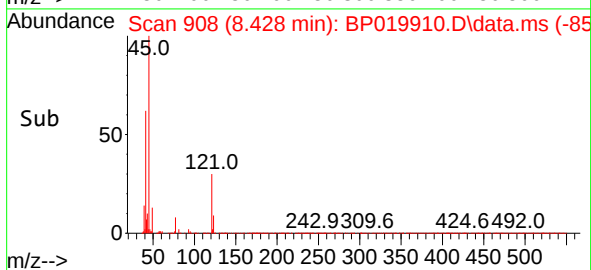
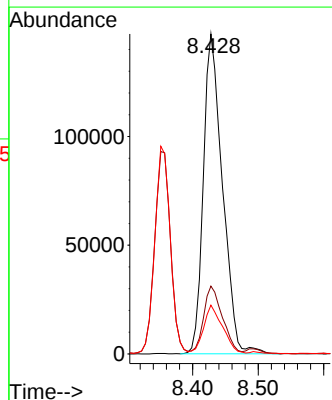
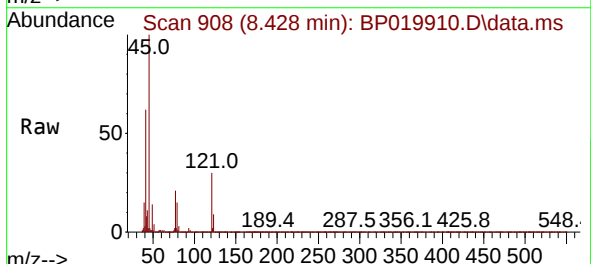
Manual Integrations
APPROVED

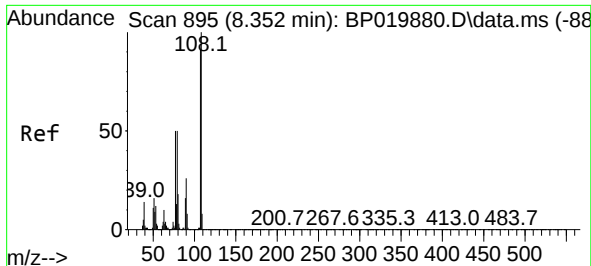
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.187 ng m
RT: 8.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion: 45 Resp: 298232
Ion Ratio Lower Upper
45 100
77 21.2 0.8 40.8
79 15.3 0.0 34.7





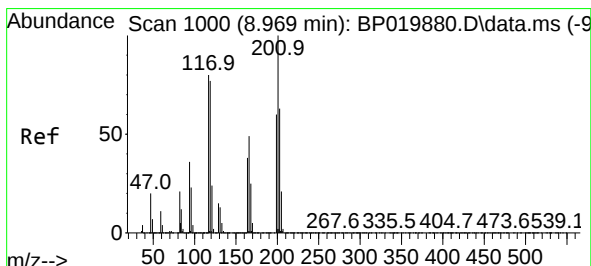
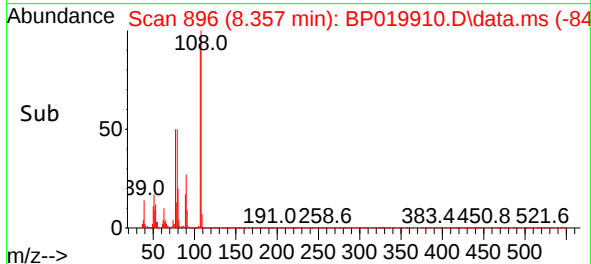
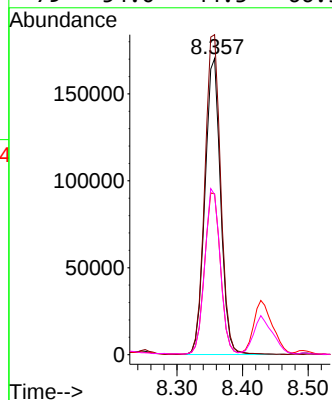
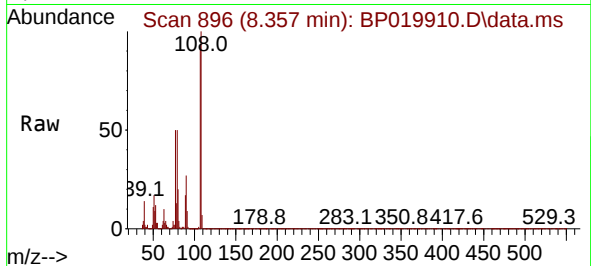
#17
2-Methylphenol
Concen: 43.797 ng
RT: 8.357 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :
BNA_P
ClientSampleId :
PB159054BS

Tgt Ion:	107	Resp:	282049
Ion Ratio	Lower	Upper	
107	100		
108	108.0	88.4	132.6
77	54.3	43.8	65.8
79	54.0	44.3	66.5

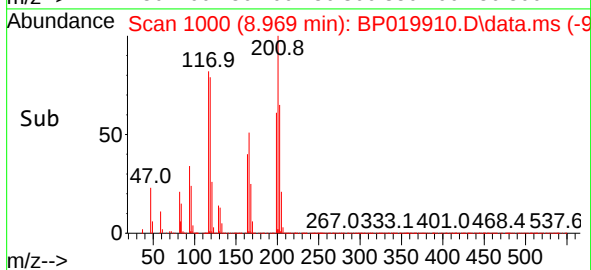
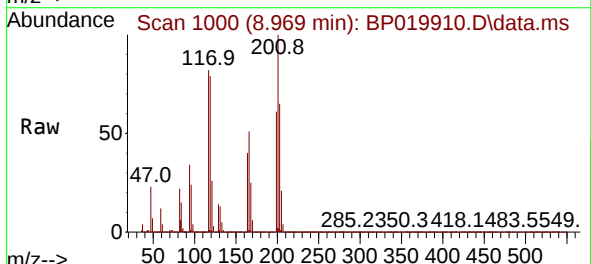
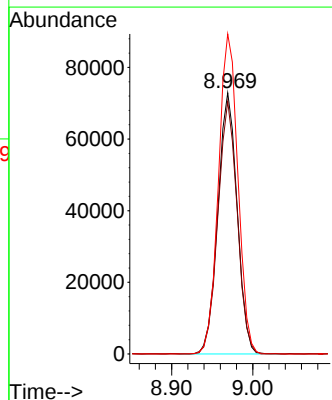
Manual Integrations
APPROVED

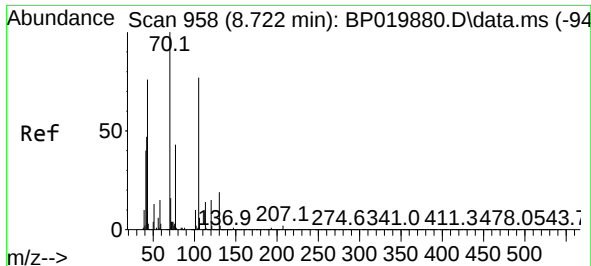
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#18
Hexachloroethane
Concen: 45.250 ng
RT: 8.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:	117	Resp:	120576
Ion Ratio	Lower	Upper	
117	100		
119	96.7	76.9	115.3
201	122.5	99.6	149.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.453 ng

RT: 8.728 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

PB159054BS

Tgt Ion: 70 Resp: 26390

Ion Ratio Lower Upper

70 100

42 48.5 38.2 57.2

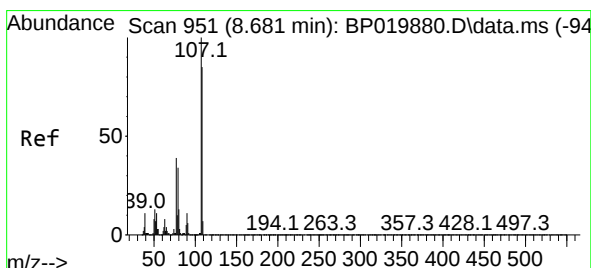
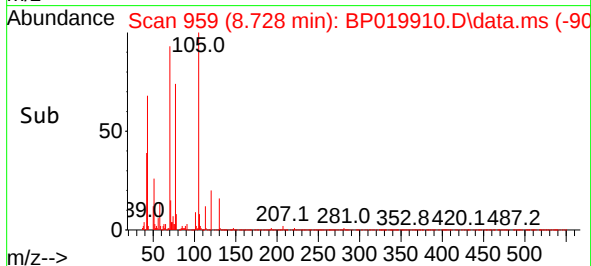
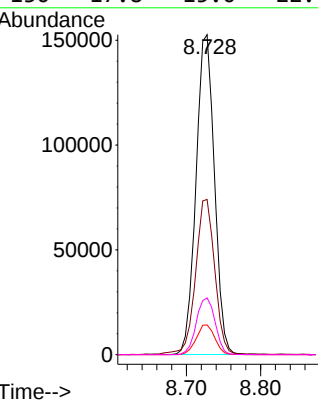
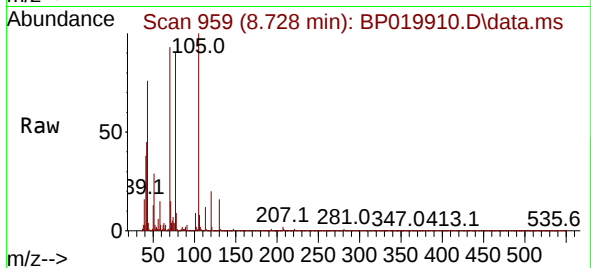
101 9.3 8.0 12.0

130 17.8 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#20

3+4-Methylphenols

Concen: 42.246 ng

RT: 8.687 min Scan# 952

Delta R.T. 0.006 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

Tgt Ion:107 Resp: 390919

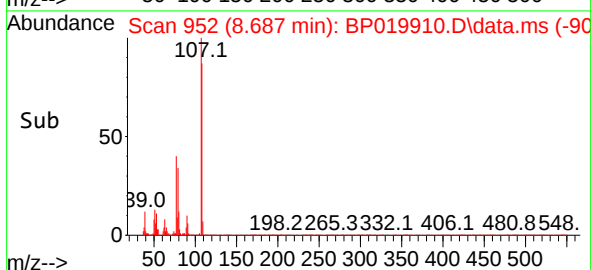
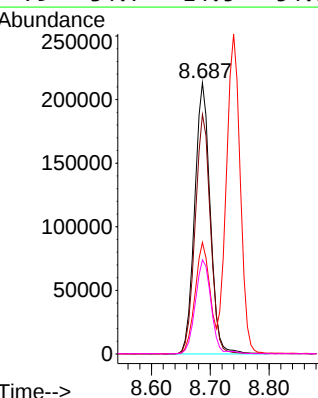
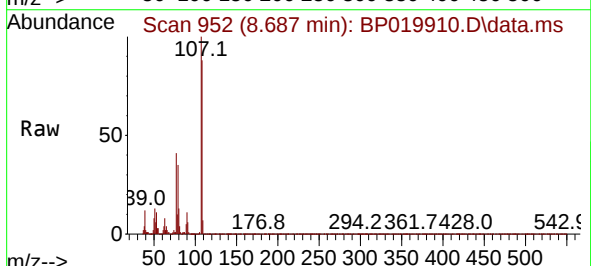
Ion Ratio Lower Upper

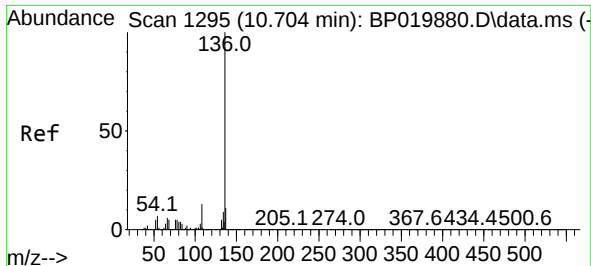
107 100

108 88.3 64.8 104.8

77 41.1 18.8 58.8

79 34.7 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

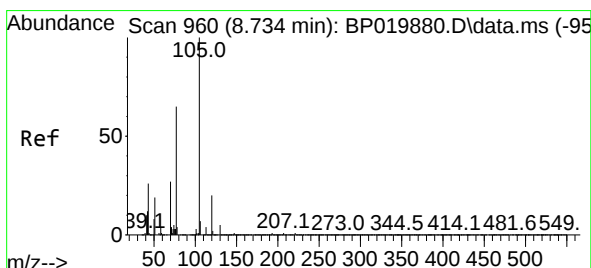
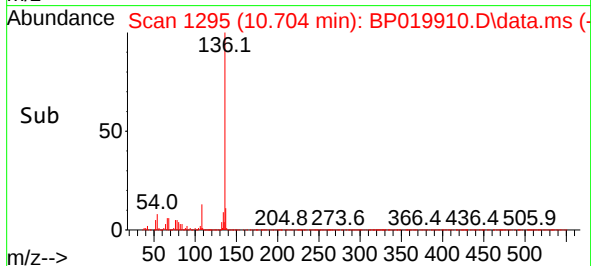
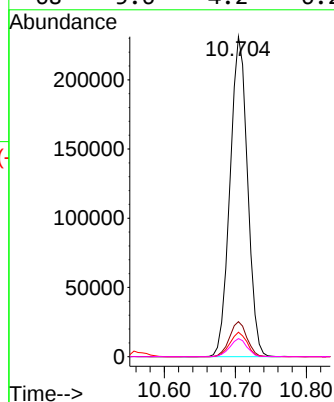
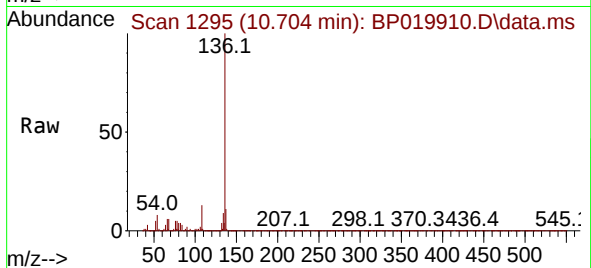
PB159054BS

Tgt Ion:136 Resp: 39629
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.7 6.0 9.0
68 5.6 4.2 6.2

Manual Integrations

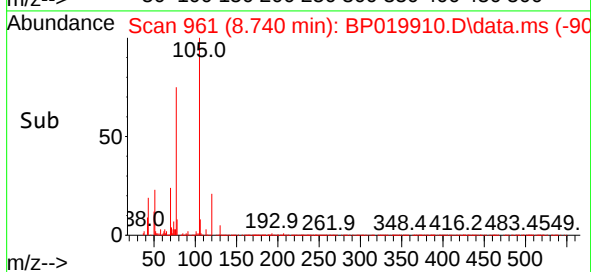
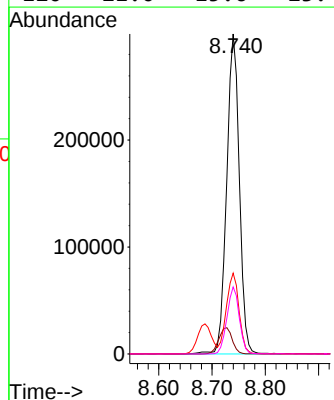
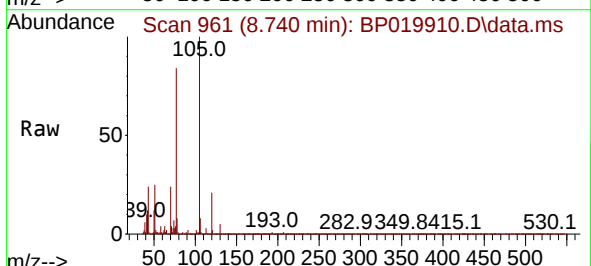
APPROVED

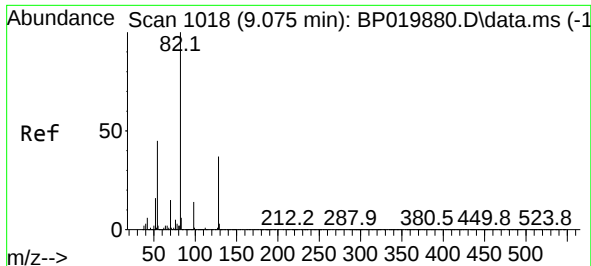
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#22
Acetophenone
Concen: 40.115 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:105 Resp: 493737
Ion Ratio Lower Upper
105 100
71 3.6 3.7 5.5#
51 25.3 20.5 30.7
120 21.0 15.6 23.4





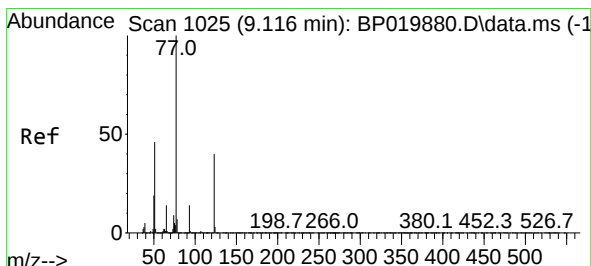
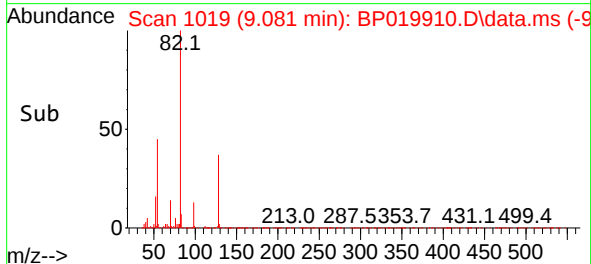
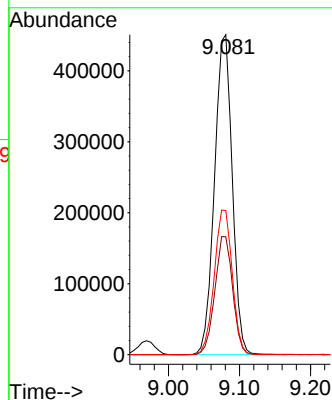
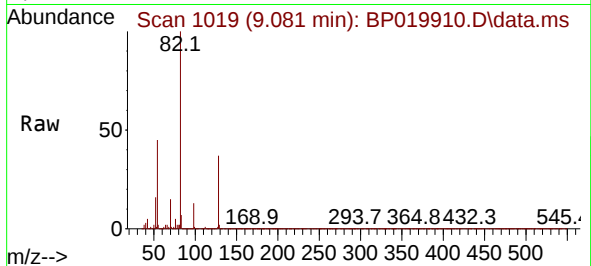
#23
Nitrobenzene-d5
Concen: 79.465 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :
BNA_P
ClientSampleId :
PB159054BS

Tgt Ion: 82 Resp: 780045
Ion Ratio Lower Upper
82 100
128 36.9 29.6 44.4
54 45.1 36.3 54.5

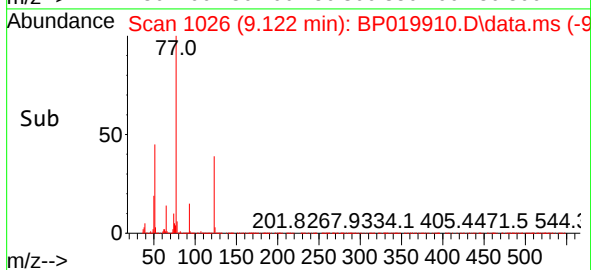
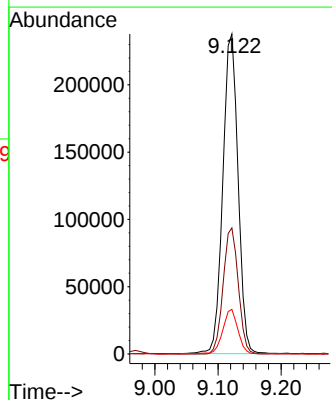
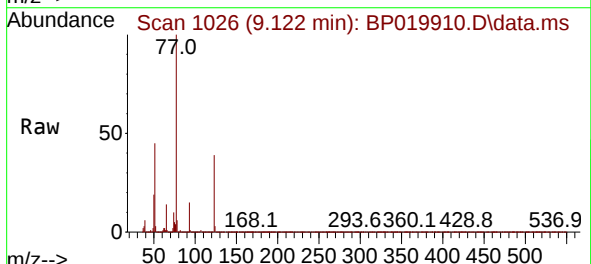
Manual Integrations
APPROVED

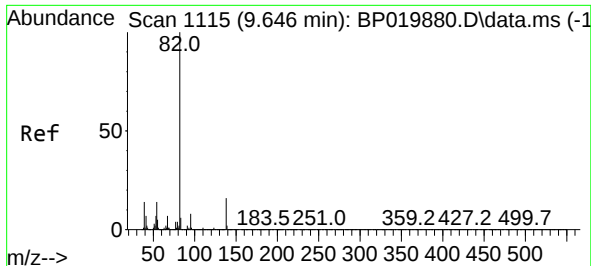
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#24
Nitrobenzene
Concen: 41.858 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion: 77 Resp: 397786
Ion Ratio Lower Upper
77 100
123 39.4 31.8 47.6
65 14.0 11.0 16.6





#25
Isophorone
Concen: 42.338 ng
RT: 9.645 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

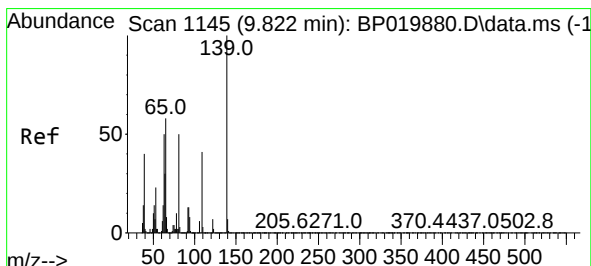
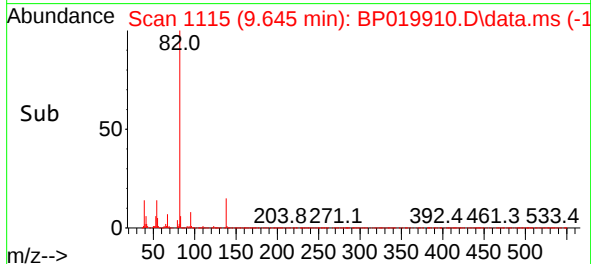
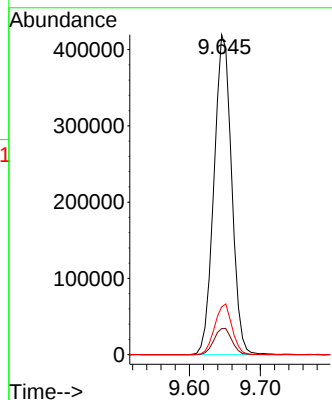
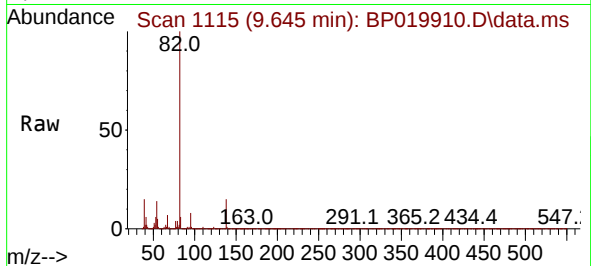
ClientSampleId :

PB159054BS

Tgt Ion: 82 Resp: 723370
Ion Ratio Lower Upper
82 100
95 8.1 6.6 10.0
138 14.9 12.8 19.2

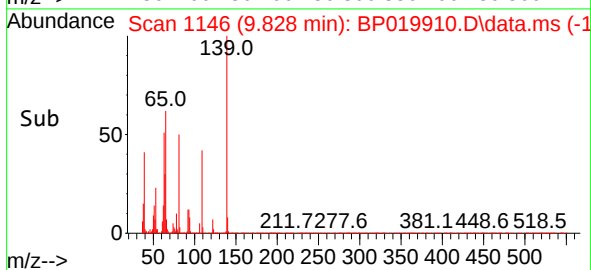
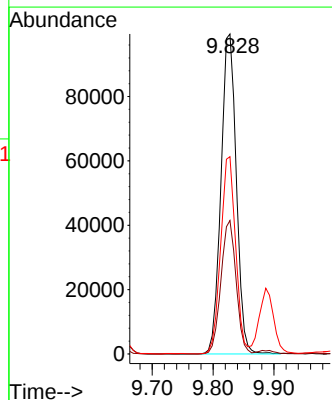
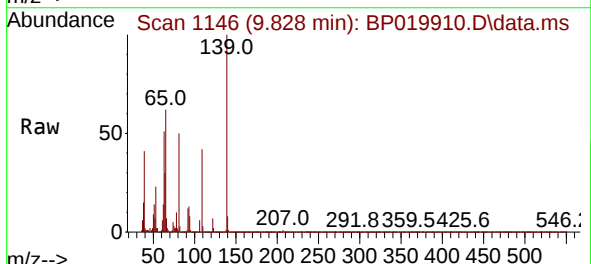
Manual Integrations
APPROVED

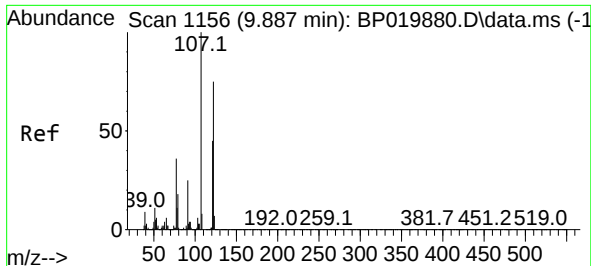
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#26
2-Nitrophenol
Concen: 45.766 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:139 Resp: 174028
Ion Ratio Lower Upper
139 100
109 41.7 32.9 49.3
65 61.6 46.7 70.1





#27
2,4-Dimethylphenol
Concen: 40.711 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

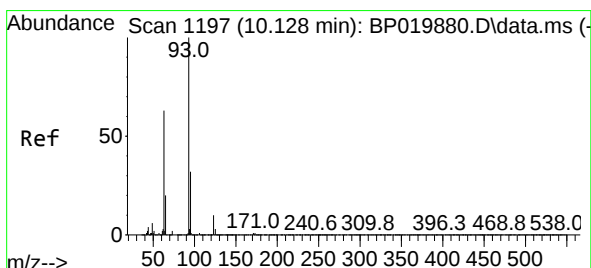
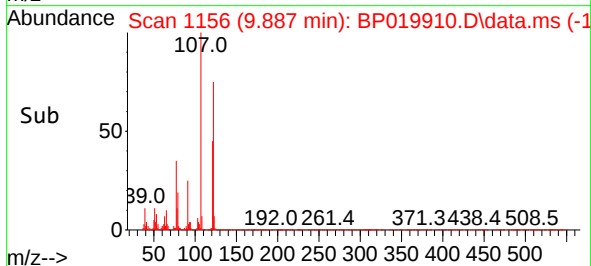
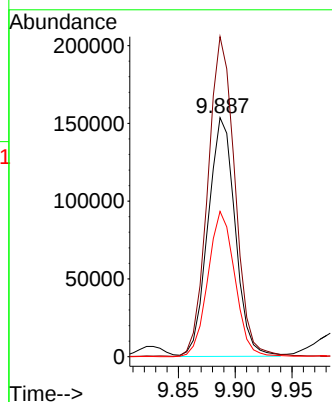
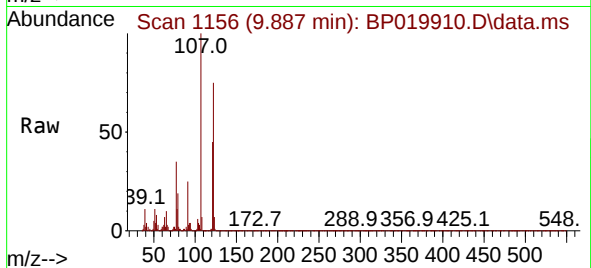
PB159054BS

Tgt Ion:122 Resp: 255560
Ion Ratio Lower Upper
122 100
107 133.9 105.7 158.5
121 60.8 47.5 71.3

Manual Integrations

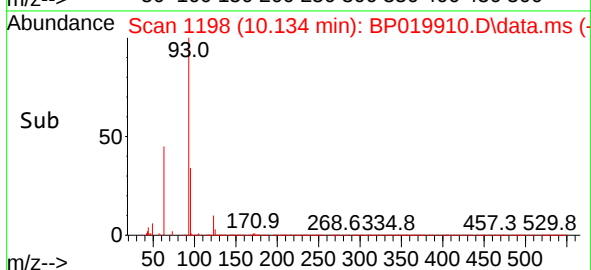
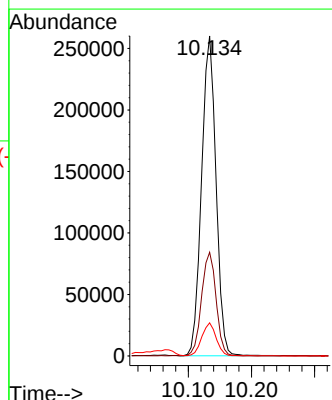
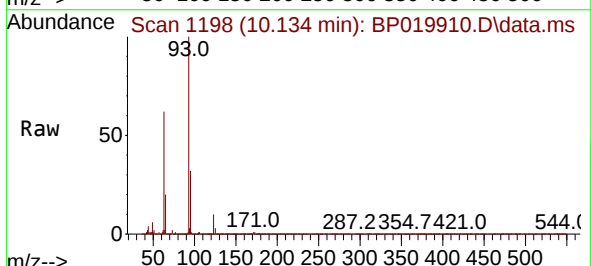
APPROVED

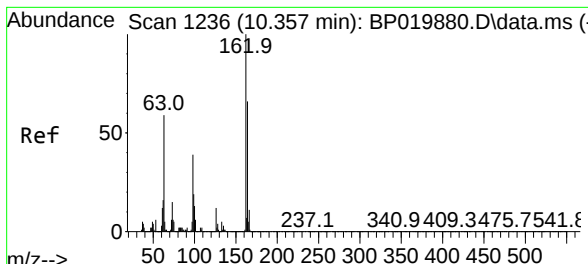
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.378 ng
RT: 10.134 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion: 93 Resp: 413609
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.8
123 10.4 7.8 11.6





#29
2,4-Dichlorophenol
Concen: 49.765 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

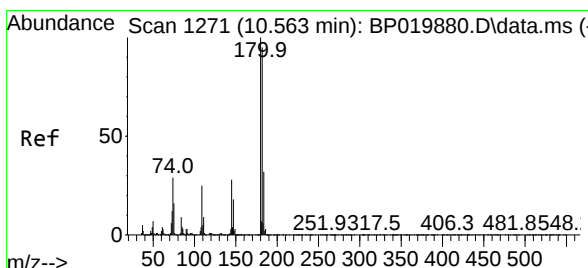
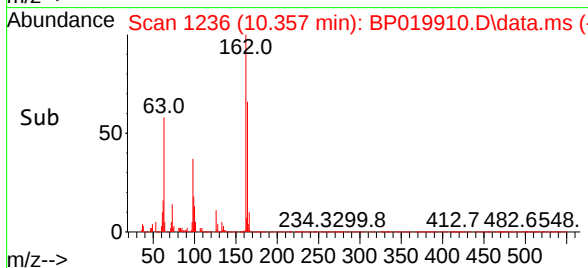
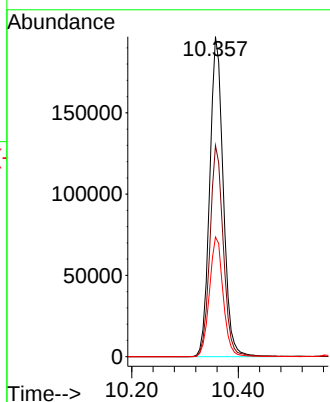
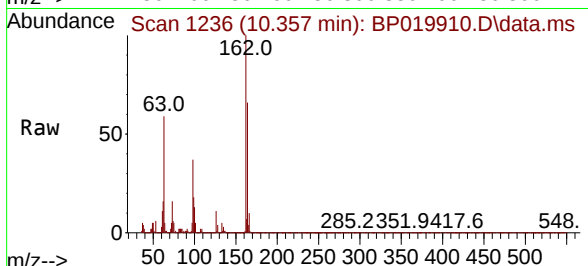
PB159054BS

Tgt Ion:162 Resp: 34845
Ion Ratio Lower Upper
162 100
164 66.0 45.8 85.8
98 37.4 18.6 58.6

Manual Integrations

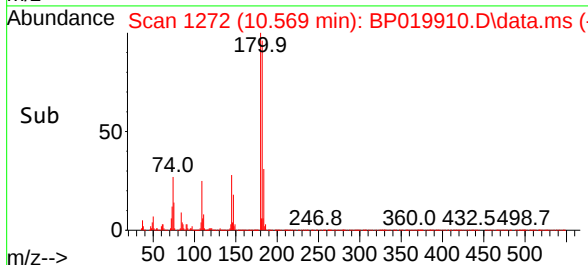
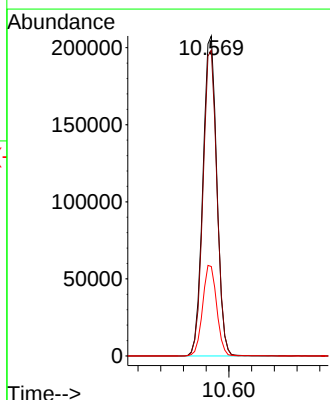
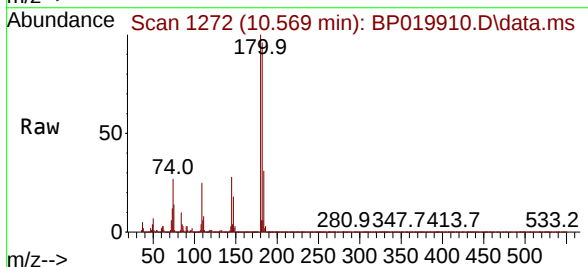
APPROVED

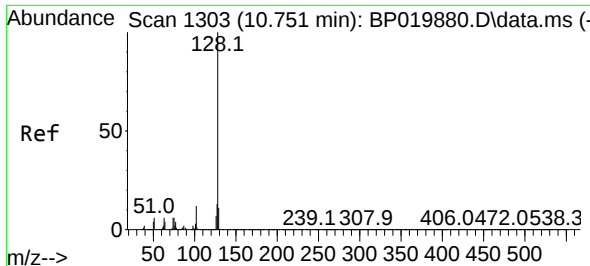
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#30
1,2,4-Trichlorobenzene
Concen: 45.738 ng
RT: 10.569 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

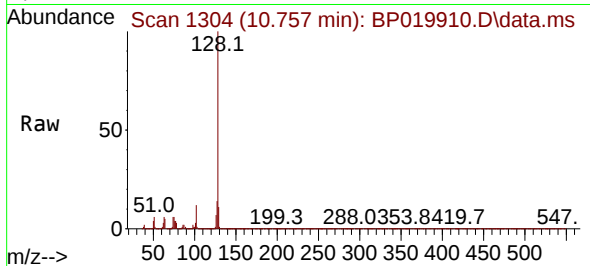
Tgt Ion:180 Resp: 351837
Ion Ratio Lower Upper
180 100
182 95.6 75.7 113.5
145 28.0 22.8 34.2





#31
Naphthalene
Concen: 43.580 ng
RT: 10.757 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

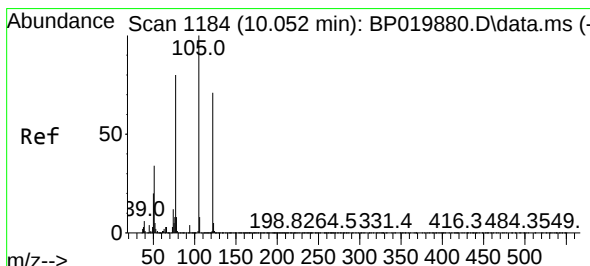
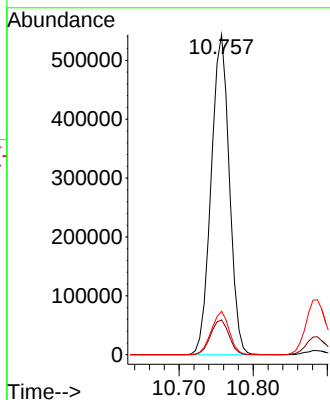
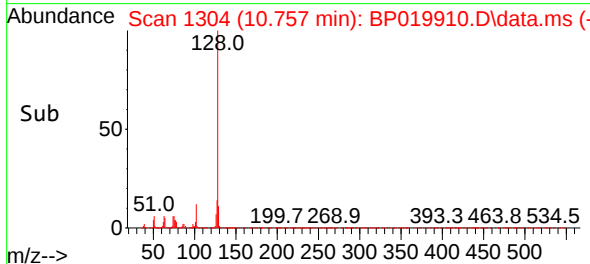
Instrument :
BNA_P
ClientSampleId :
PB159054BS



Tgt Ion:128 Resp: 924708
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.6 10.2 15.2

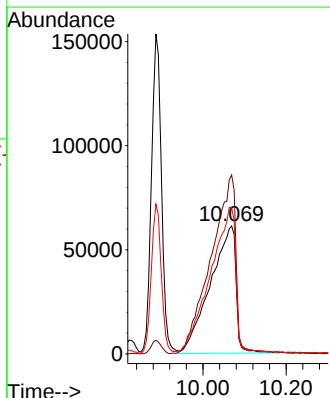
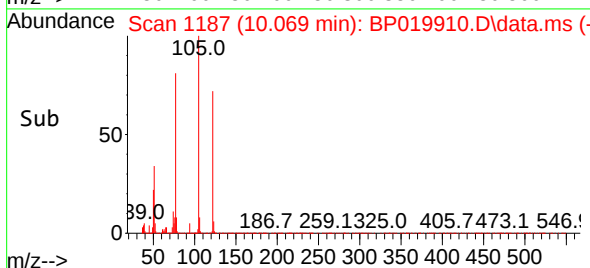
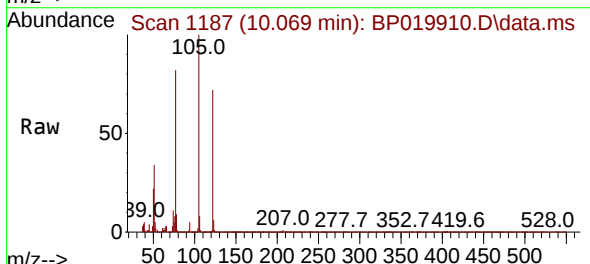
Manual Integrations
APPROVED

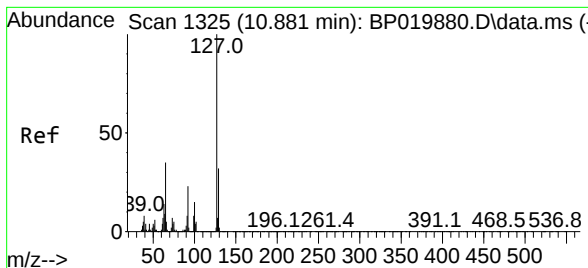
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#32
Benzoic acid
Concen: 49.142 ng
RT: 10.069 min Scan# 1187
Delta R.T. 0.017 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

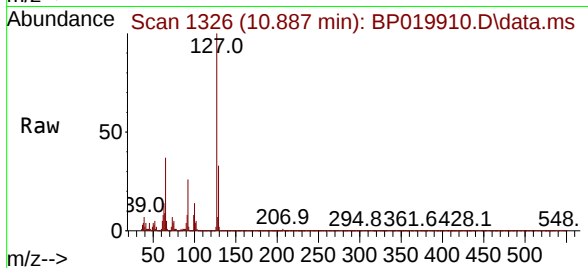
Tgt Ion:122 Resp: 261359
Ion Ratio Lower Upper
122 100
105 139.8 120.8 160.8
77 114.1 93.5 133.5





#33
4-Chloroaniline
Concen: 19.762 ng
RT: 10.887 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

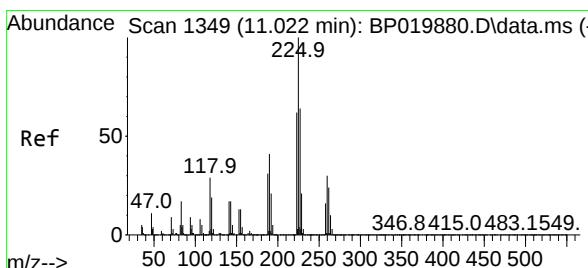
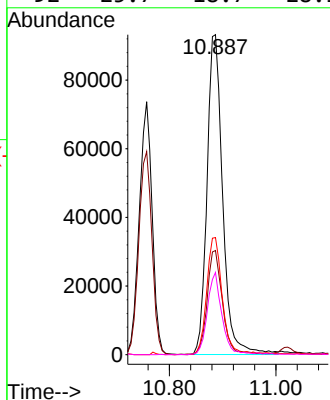
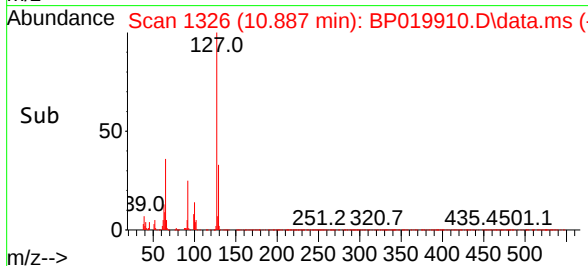
Instrument :
BNA_P
ClientSampleId :
PB159054BS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	36.6	28.2	42.4
92	25.7	18.7	28.1

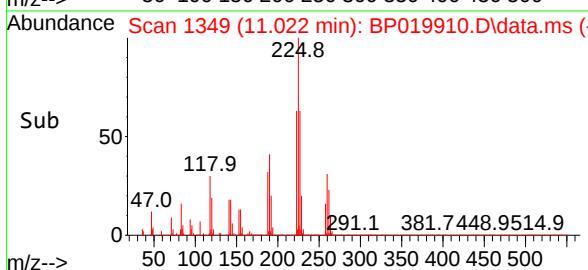
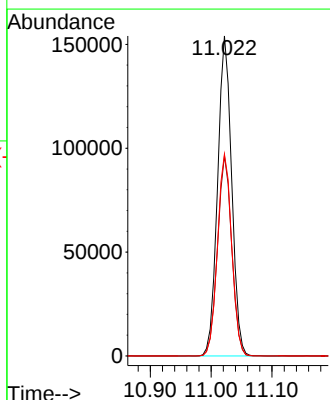
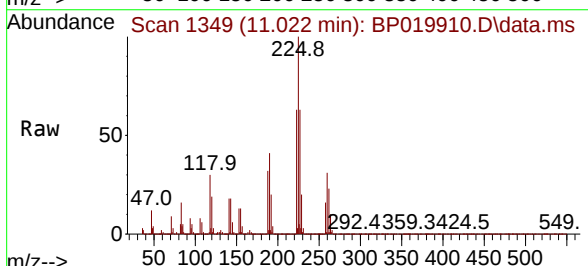
Manual Integrations
APPROVED

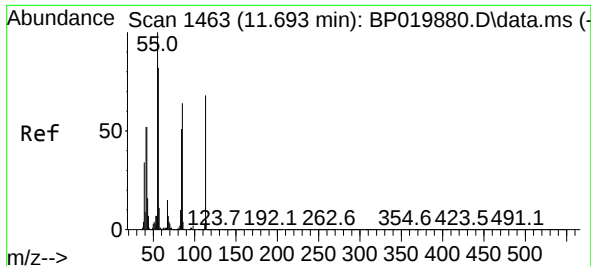
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#34
Hexachlorobutadiene
Concen: 44.016 ng
RT: 11.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

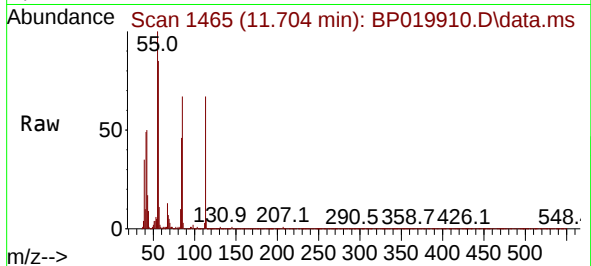
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	63.1	51.1	76.7





#35
Caprolactam
Concen: 43.201 ng m
RT: 11.704 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

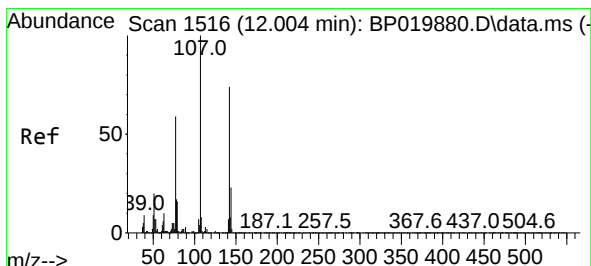
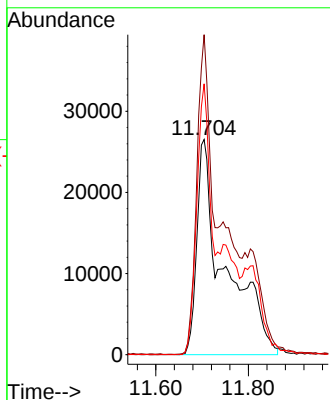
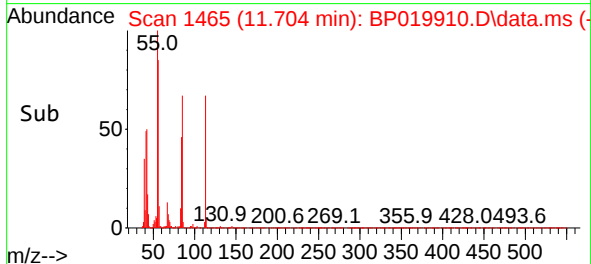
Instrument :
BNA_P
ClientSampleId :
PB159054BS



Tgt Ion:113 Resp: 11155
Ion Ratio Lower Upper
113 100
55 148.7 127.6 167.6
56 125.9 100.9 140.9

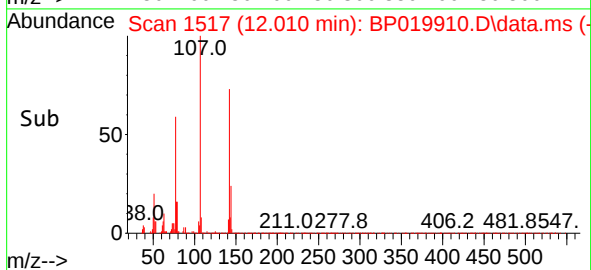
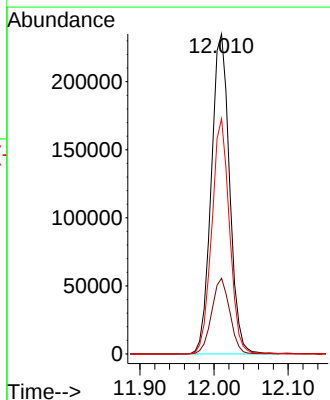
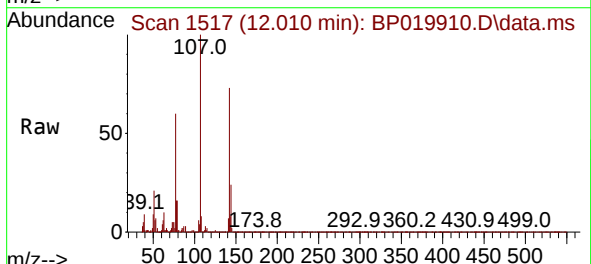
Manual Integrations
APPROVED

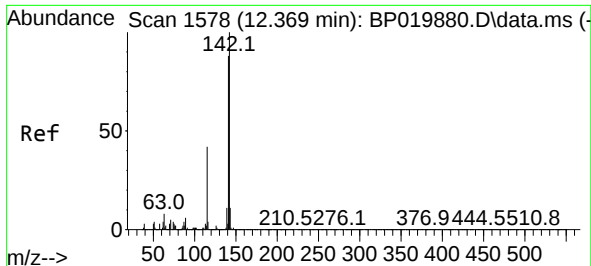
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#36
4-Chloro-3-methylphenol
Concen: 46.583 ng
RT: 12.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:107 Resp: 402359
Ion Ratio Lower Upper
107 100
144 23.7 18.6 28.0
142 73.5 58.8 88.2





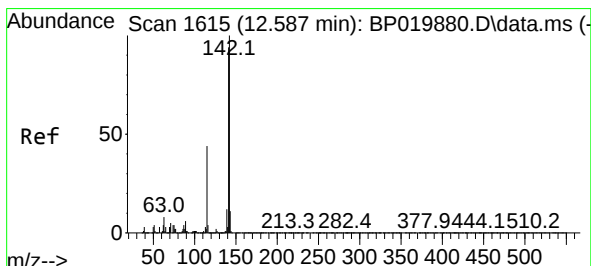
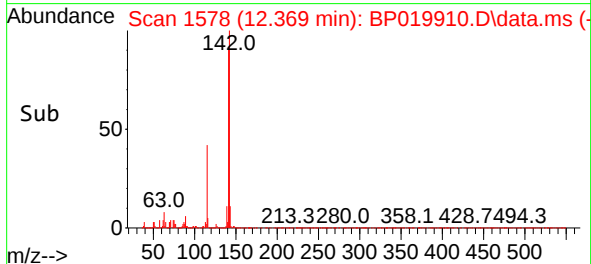
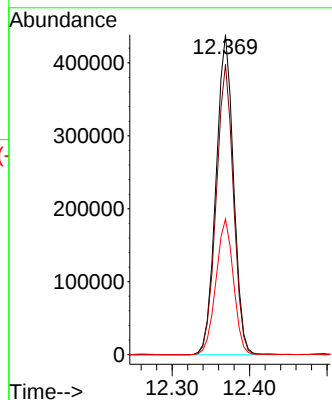
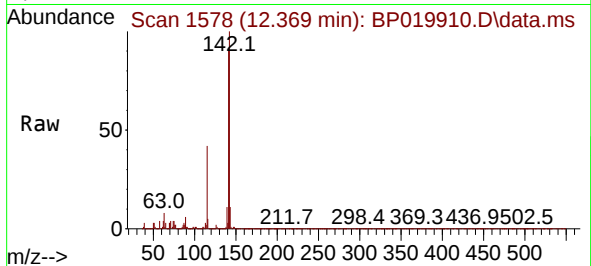
#37
2-Methylnaphthalene
Concen: 41.705 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :
BNA_P
ClientSampleId :
PB159054BS

Tgt Ion:142 Resp: 686934
Ion Ratio Lower Upper
142 100
141 90.7 70.0 105.0
115 42.4 33.7 50.5

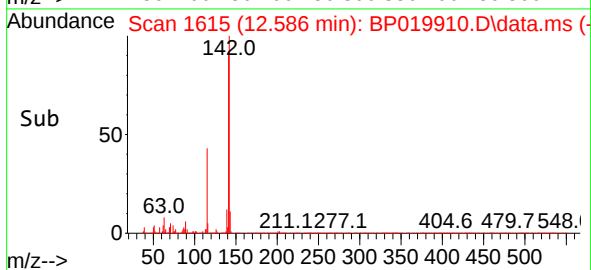
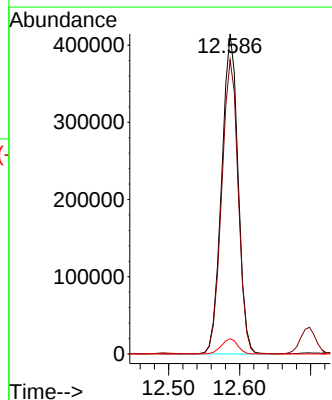
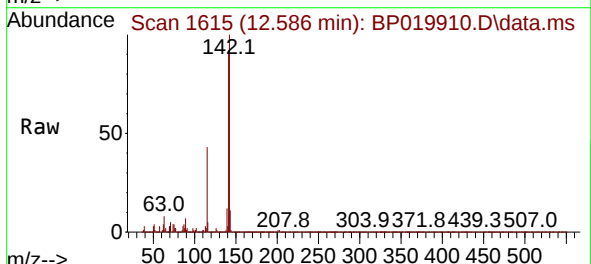
Manual Integrations
APPROVED

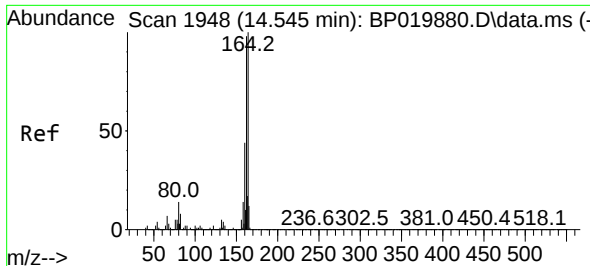
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#38
1-Methylnaphthalene
Concen: 42.487 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:142 Resp: 662186
Ion Ratio Lower Upper
142 100
141 92.0 75.5 113.3
116 4.7 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

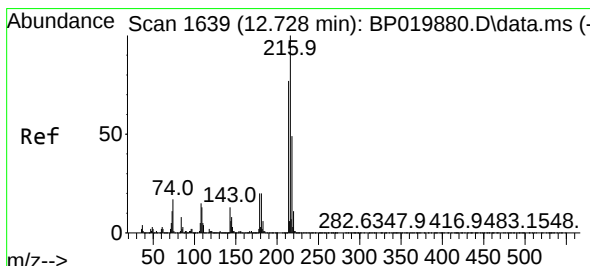
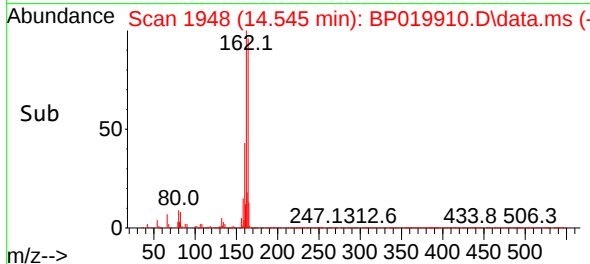
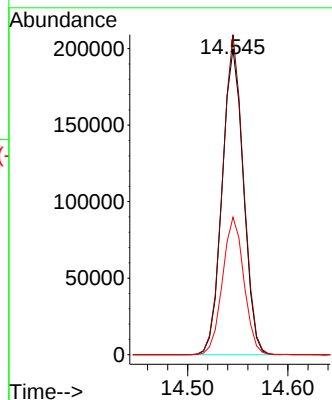
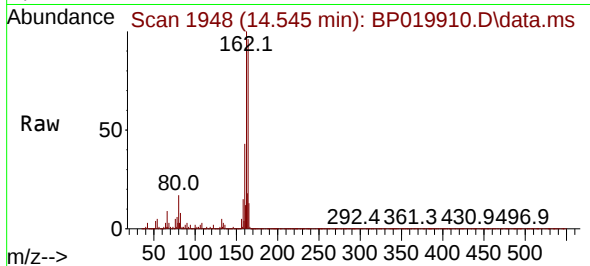
PB159054BS

Tgt Ion:164 Resp: 29415
Ion Ratio Lower Upper
164 100
162 104.7 78.1 117.1
160 45.0 35.3 52.9

Manual Integrations

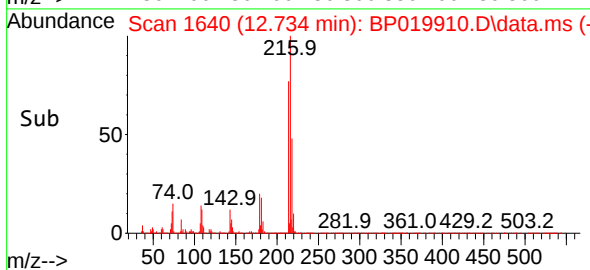
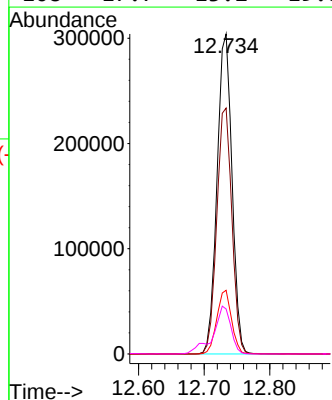
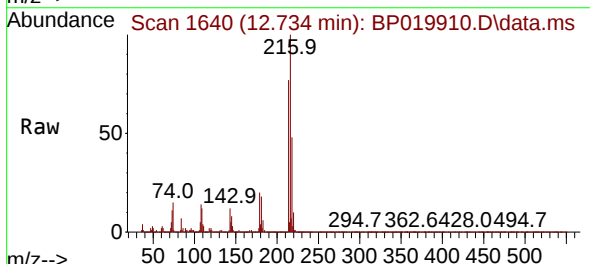
APPROVED

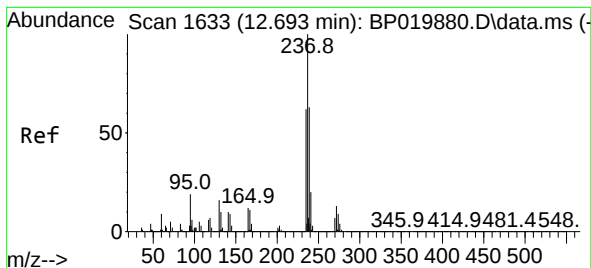
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.610 ng
RT: 12.734 min Scan# 1640
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:216 Resp: 478378
Ion Ratio Lower Upper
216 100
214 77.8 62.5 93.7
179 19.7 15.8 23.6
108 17.7 13.2 19.8





#41

Hexachlorocyclopentadiene

Concen: 101.475 ng

RT: 12.698 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

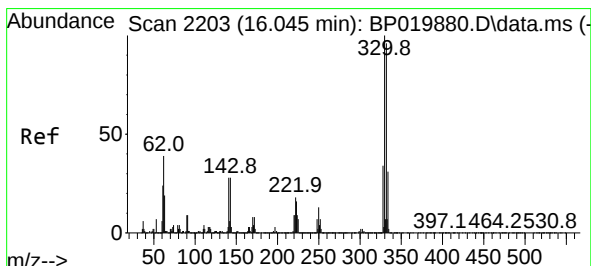
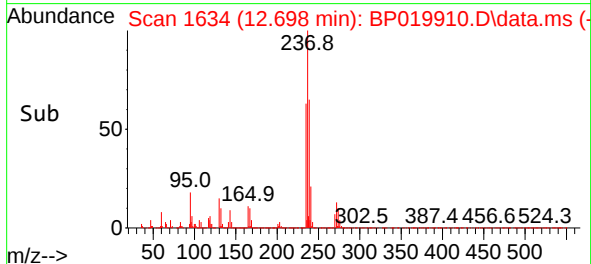
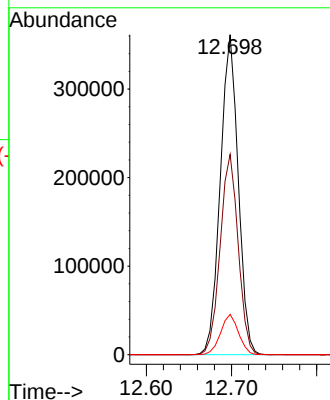
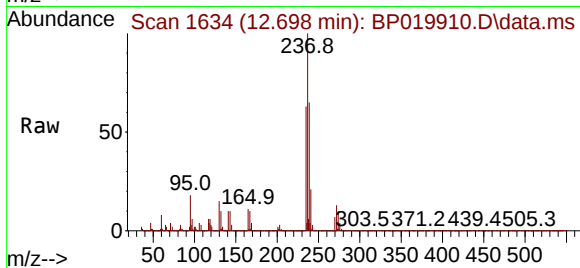
PB159054BS

Tgt Ion:	237	Resp:	527949
Ion Ratio	Lower	Upper	
237	100		
235	62.6	41.5	81.5
272	12.6	0.0	32.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#42

2,4,6-Tribromophenol

Concen: 141.314 ng

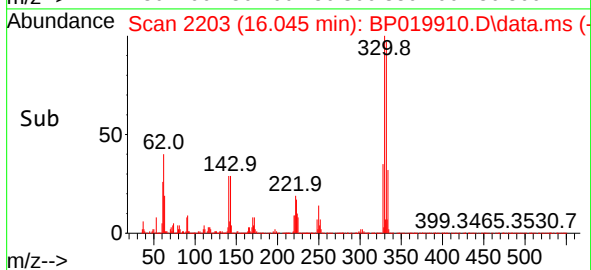
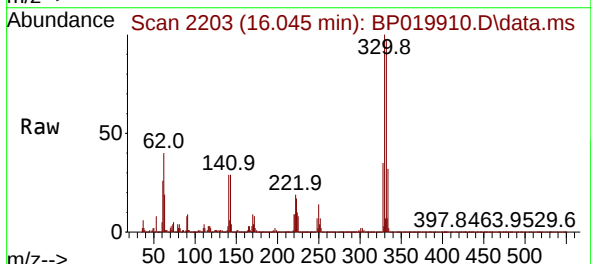
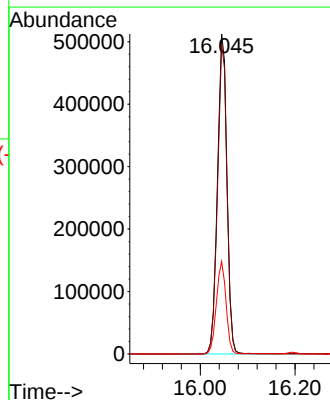
RT: 16.045 min Scan# 2203

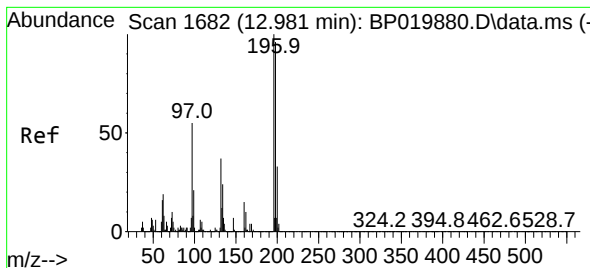
Delta R.T. -0.000 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

Tgt Ion:	330	Resp:	712743
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.4	116.2
141	29.4	24.6	37.0





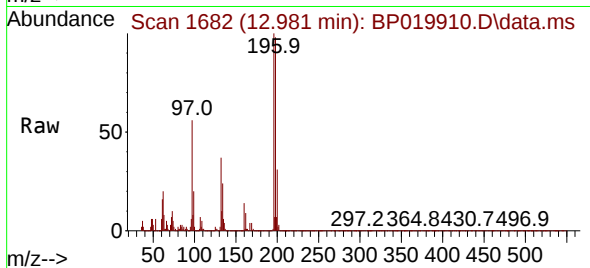
#43
2,4,6-Trichlorophenol
Concen: 49.319 ng
RT: 12.981 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

PB159054BS

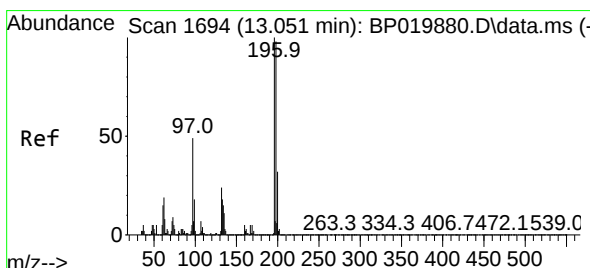
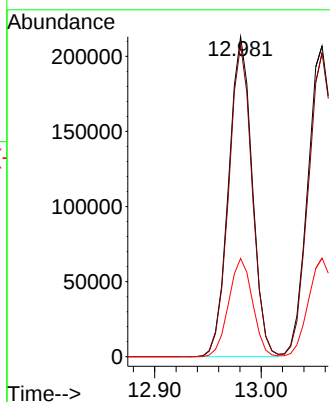
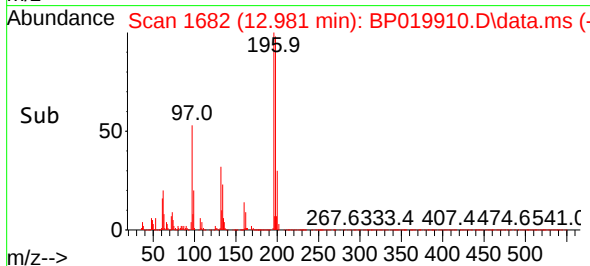


Tgt Ion:196 Resp: 32719
Ion Ratio Lower Upper
196 100
198 97.6 76.5 114.7
200 30.7 26.2 39.4

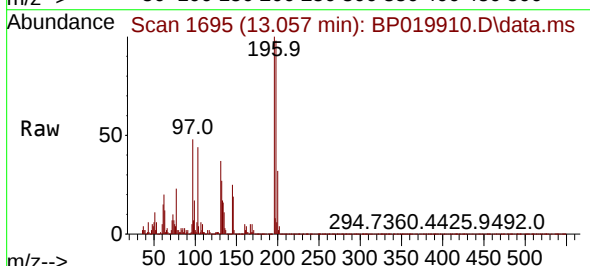
Manual Integrations

APPROVED

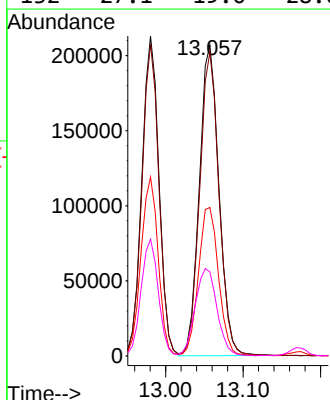
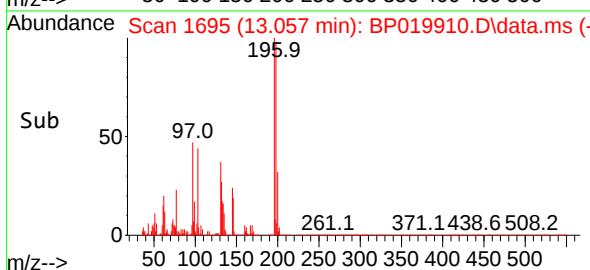
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

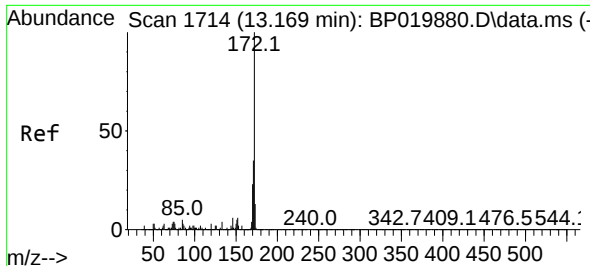


#44
2,4,5-Trichlorophenol
Concen: 45.993 ng
RT: 13.057 min Scan# 1695
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24



Tgt Ion:196 Resp: 363478
Ion Ratio Lower Upper
196 100
198 97.8 78.2 117.4
97 47.8 39.4 59.2
132 27.1 19.0 28.6





#45
2-Fluorobiphenyl
Concen: 87.402 ng
RT: 13.175 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

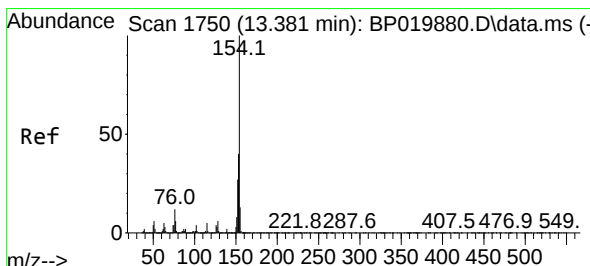
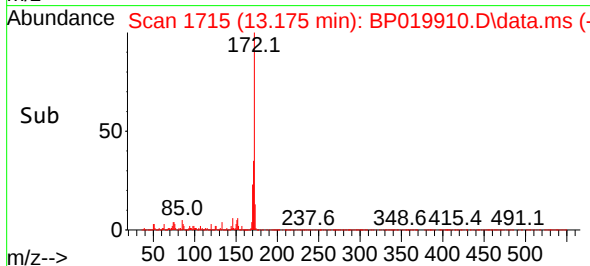
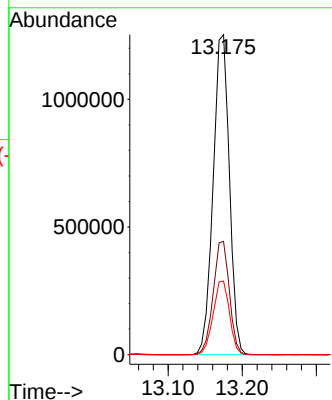
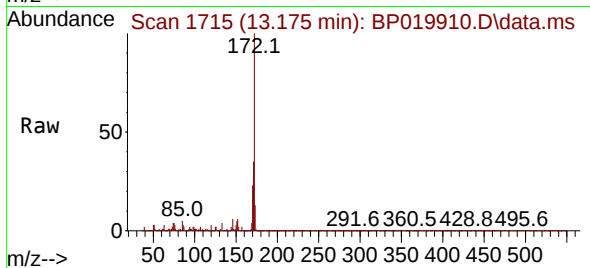
PB159054BS

Tgt Ion:172 Resp: 1902838
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 23.0 18.4 27.6

Manual Integrations

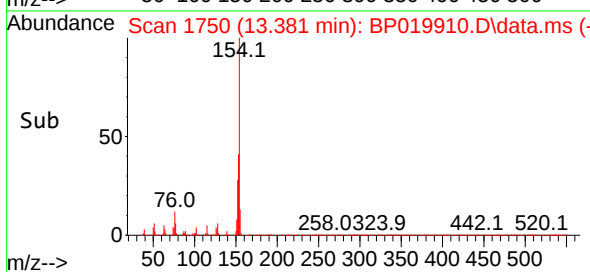
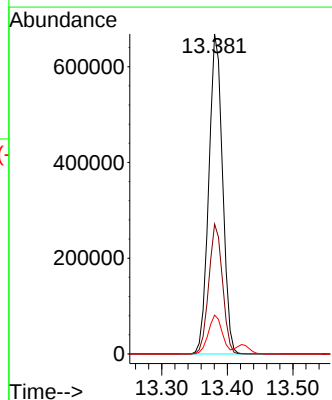
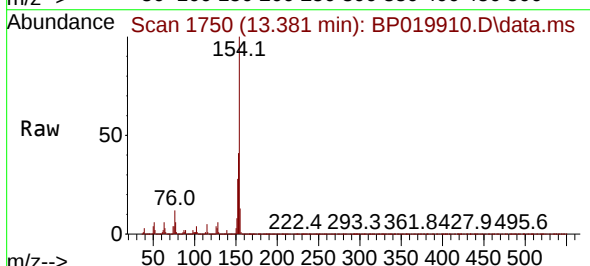
APPROVED

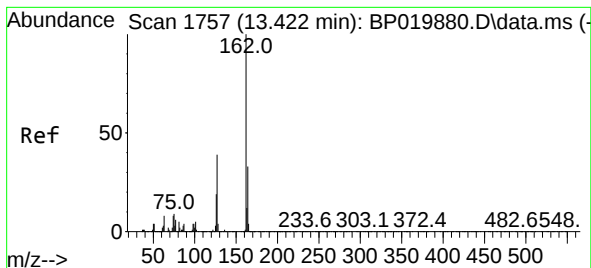
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#46
1,1'-Biphenyl
Concen: 46.308 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:154 Resp: 975312
Ion Ratio Lower Upper
154 100
153 40.6 19.8 59.8
76 12.1 0.0 31.8





#47
2-Chloronaphthalene
Concen: 47.935 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

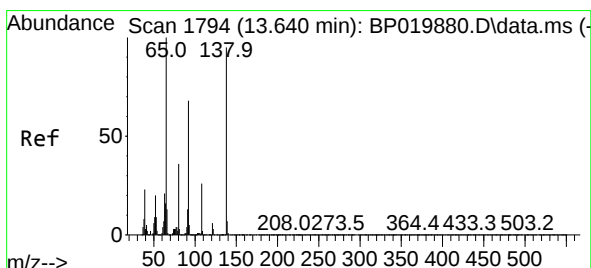
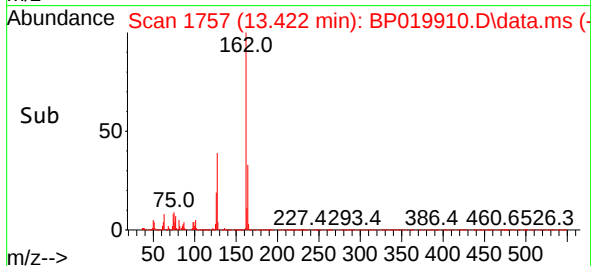
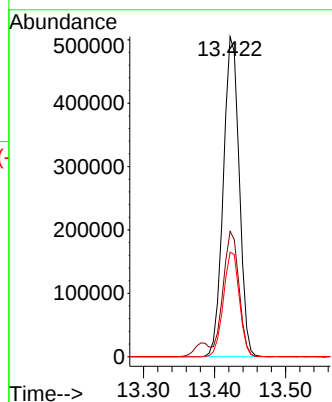
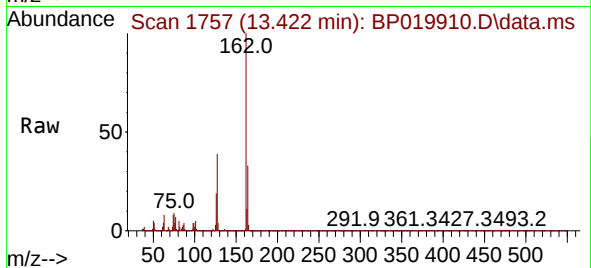
ClientSampleId :

PB159054BS

Tgt Ion:162 Resp: 783620
Ion Ratio Lower Upper
162 100
127 39.2 31.4 47.2
164 32.7 26.2 39.4

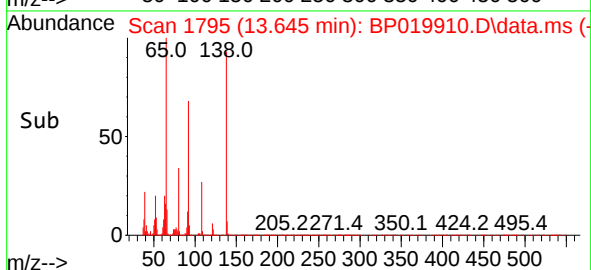
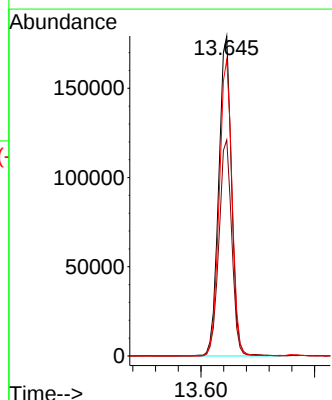
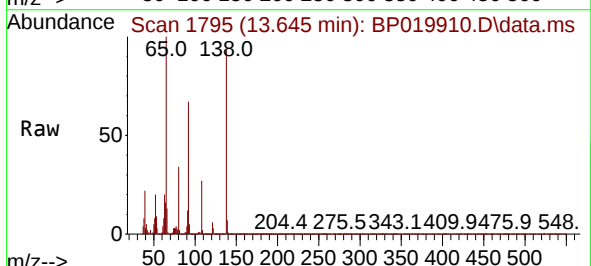
Manual Integrations
APPROVED

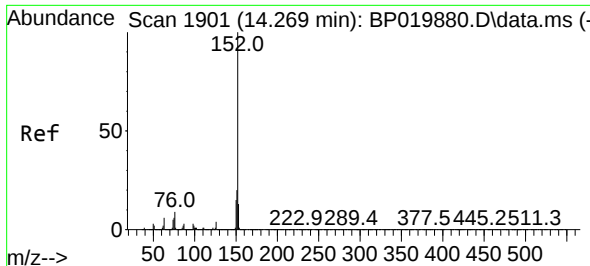
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#48
2-Nitroaniline
Concen: 47.506 ng
RT: 13.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion: 65 Resp: 280684
Ion Ratio Lower Upper
65 100
92 67.5 54.3 81.5
138 92.6 75.7 113.5





#49
Acenaphthylene
Concen: 48.249 ng
RT: 14.269 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

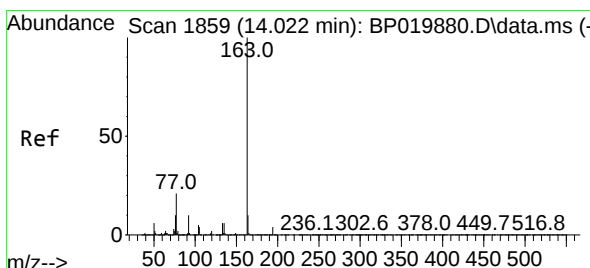
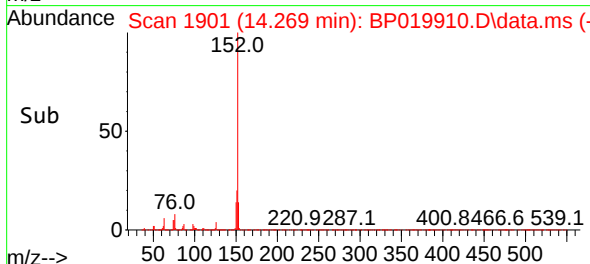
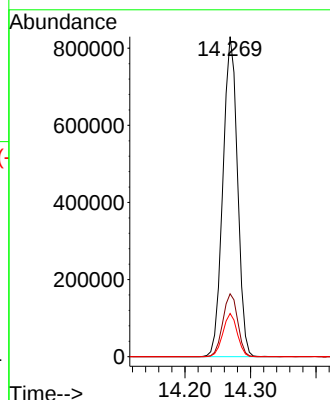
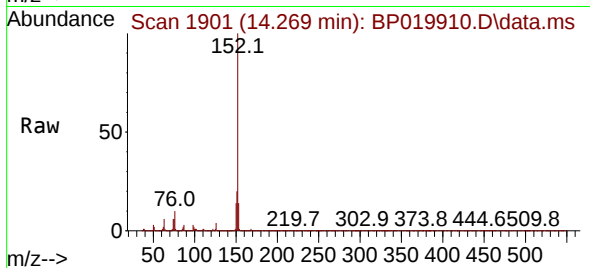
PB159054BS

Tgt Ion:152 Resp: 127787
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.5 10.4 15.6

Manual Integrations

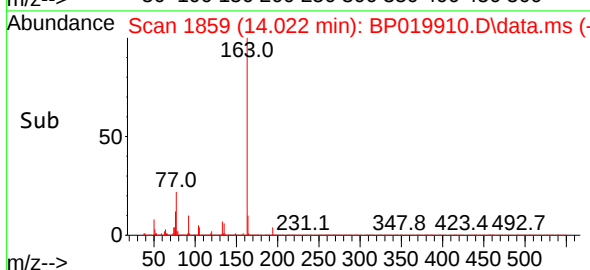
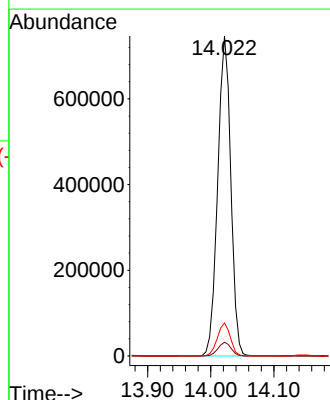
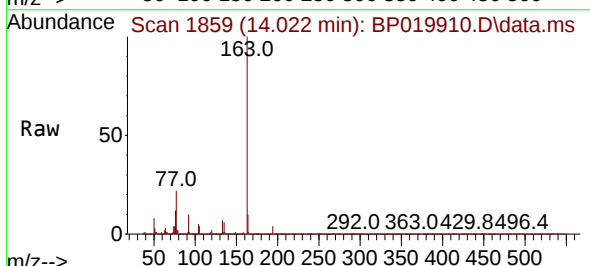
APPROVED

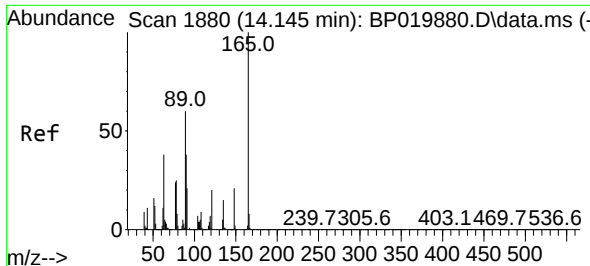
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#50
Dimethylphthalate
Concen: 44.608 ng
RT: 14.022 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:163 Resp: 1071140
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 45.357 ng
RT: 14.145 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

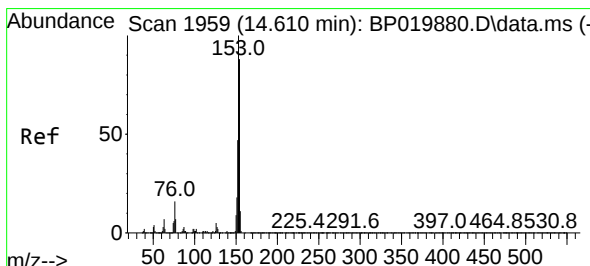
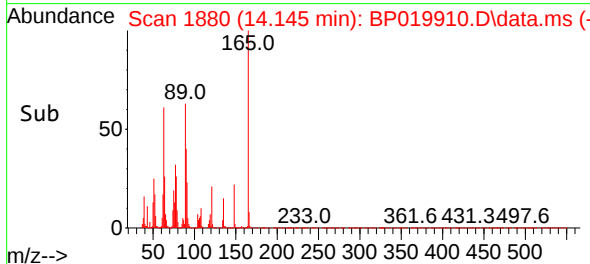
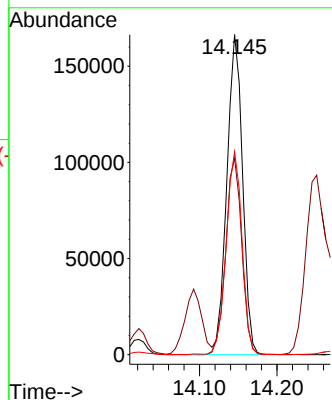
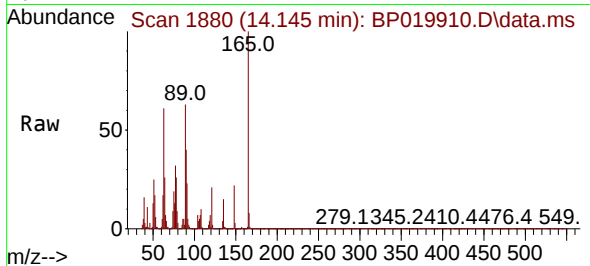
ClientSampleId :

PB159054BS

Tgt Ion:165 Resp: 234400
Ion Ratio Lower Upper
165 100
63 61.4 46.9 70.3
89 63.5 48.3 72.5

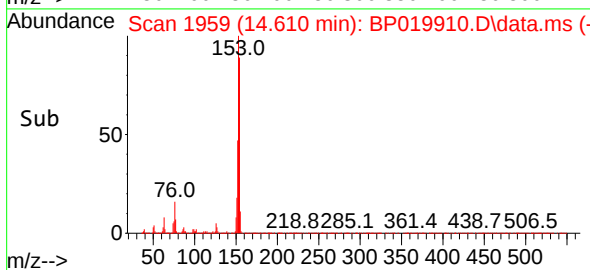
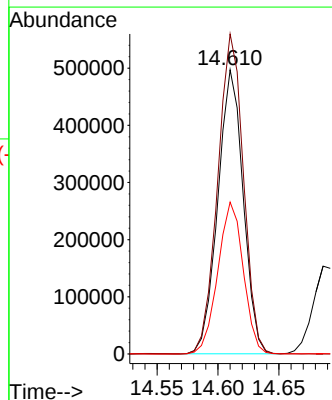
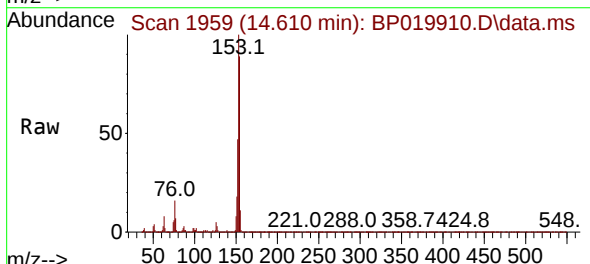
Manual Integrations
APPROVED

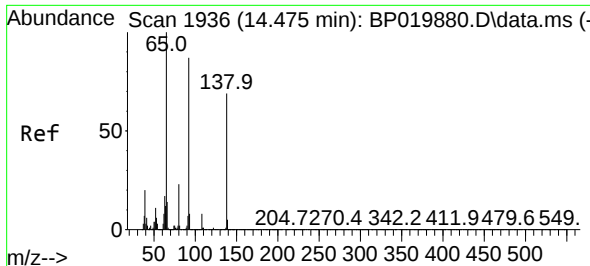
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#52
Acenaphthene
Concen: 45.339 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:154 Resp: 721005
Ion Ratio Lower Upper
154 100
153 112.6 90.9 136.3
152 53.4 42.3 63.5





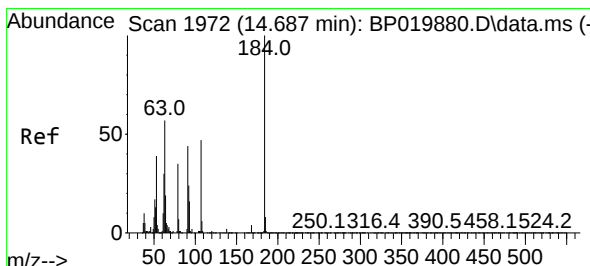
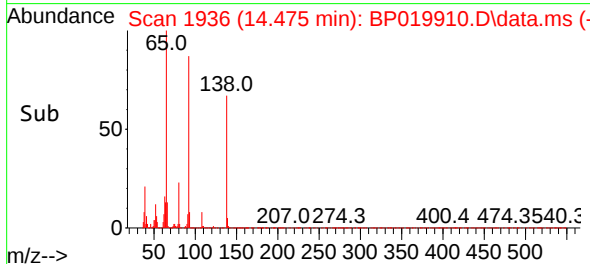
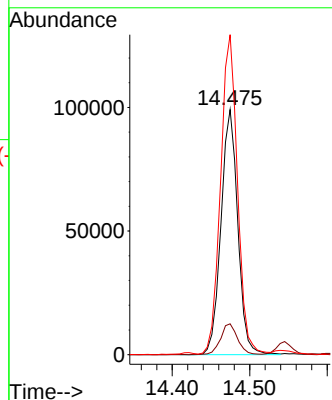
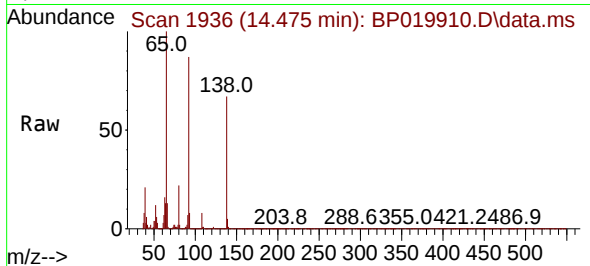
#53
3-Nitroaniline
Concen: 29.191 ng
RT: 14.475 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :
BNA_P
ClientSampleId :
PB159054BS

Tgt Ion:138 Resp: 14933
Ion Ratio Lower Upper
138 100
108 12.6 9.2 13.8
92 130.6 100.3 150.5

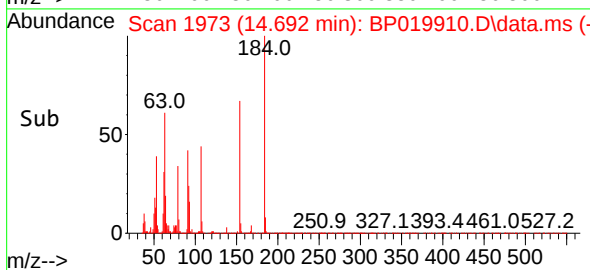
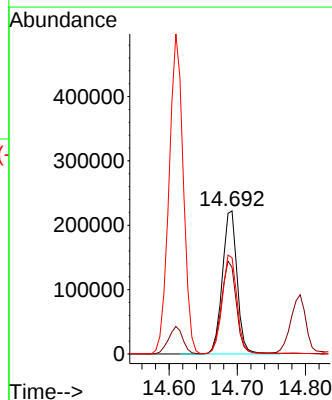
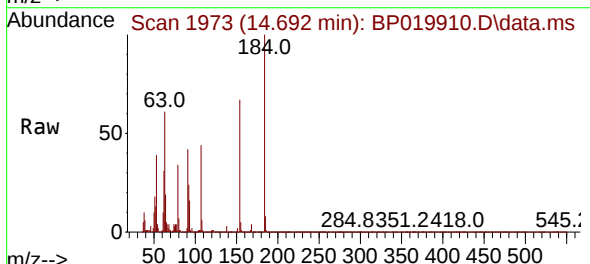
Manual Integrations
APPROVED

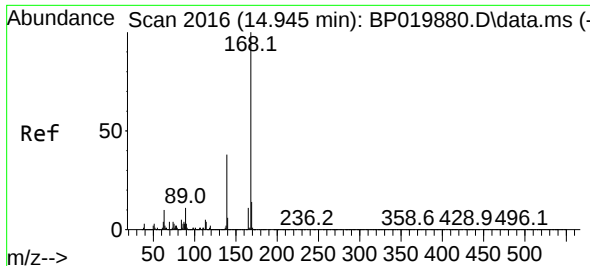
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#54
2,4-Dinitrophenol
Concen: 99.942 ng
RT: 14.692 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:184 Resp: 336687
Ion Ratio Lower Upper
184 100
63 60.6 49.6 74.4
154 67.4 54.6 82.0





#55
Dibenzenofuran
Concen: 46.262 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

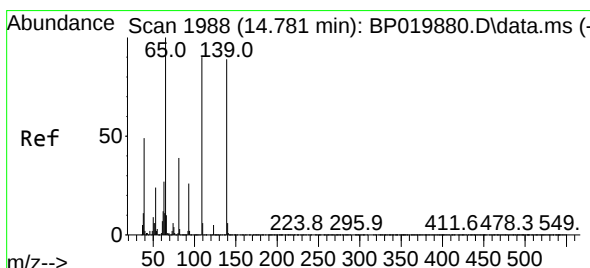
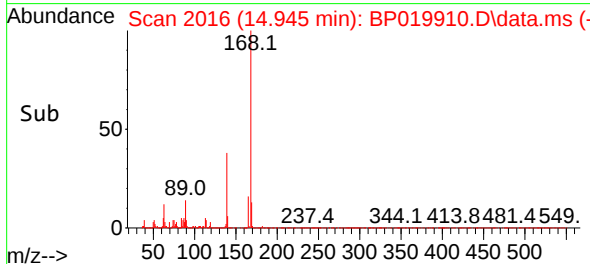
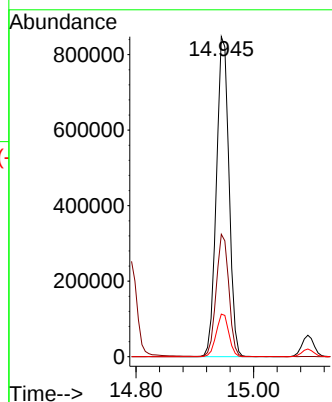
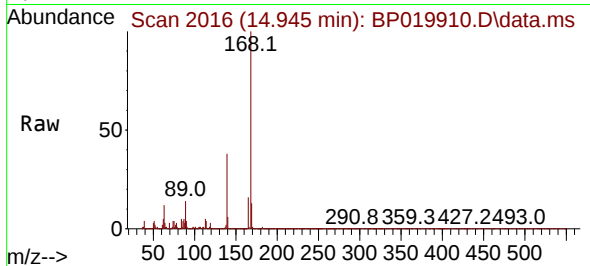
ClientSampleId :

PB159054BS

Tgt Ion:168 Resp: 125557
Ion Ratio Lower Upper
168 100
139 38.2 30.6 45.8
169 13.3 10.9 16.3

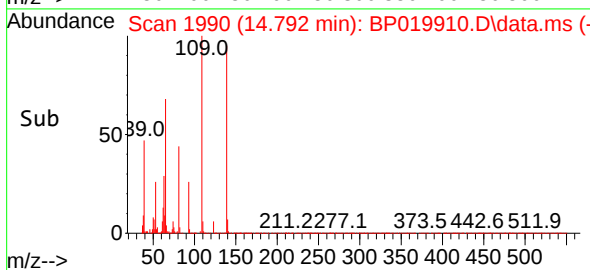
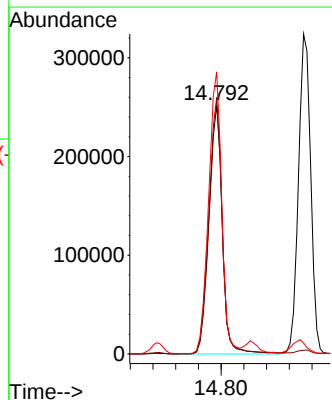
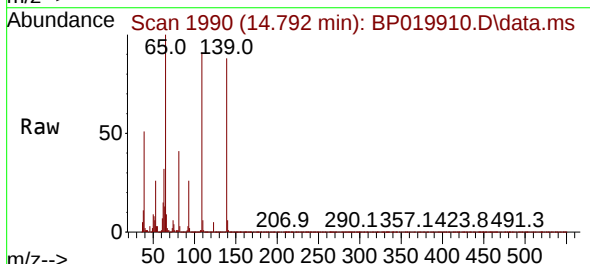
Manual Integrations
APPROVED

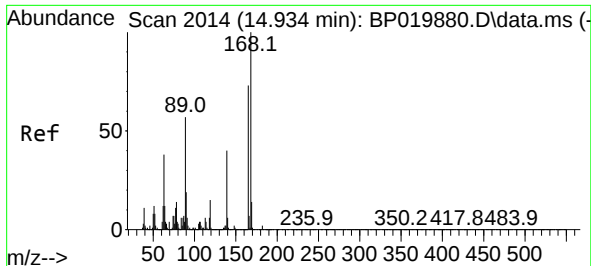
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#56
4-Nitrophenol
Concen: 102.112 ng
RT: 14.792 min Scan# 1990
Delta R.T. 0.012 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:139 Resp: 408634
Ion Ratio Lower Upper
139 100
109 102.9 81.3 121.3
65 113.2 93.5 133.5





#57
2,4-Dinitrotoluene
Concen: 46.101 ng
RT: 14.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

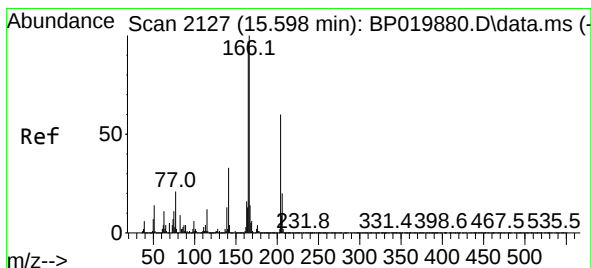
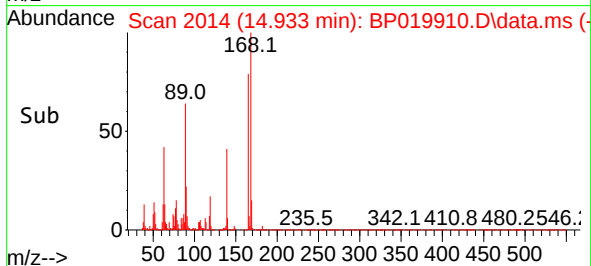
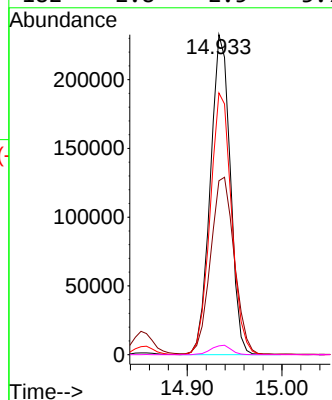
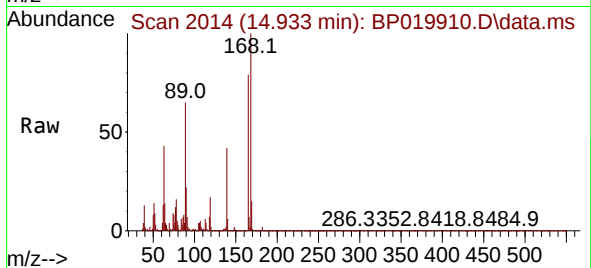
PB159054BS

Tgt Ion:165 Resp: 339070
Ion Ratio Lower Upper
165 100
63 54.4 41.4 62.0
89 81.8 62.1 93.1
182 2.8 2.5 3.7

Manual Integrations

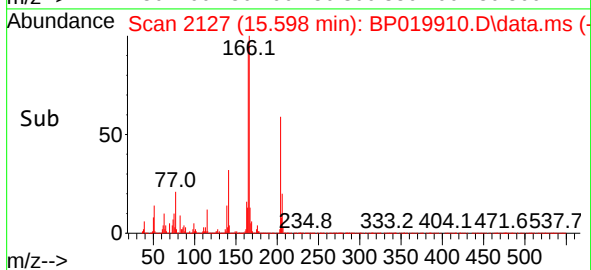
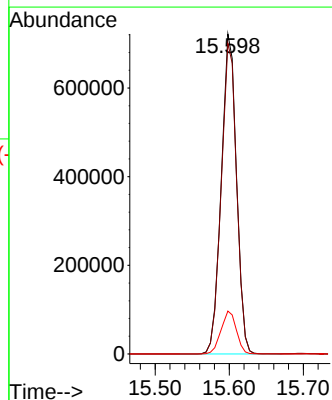
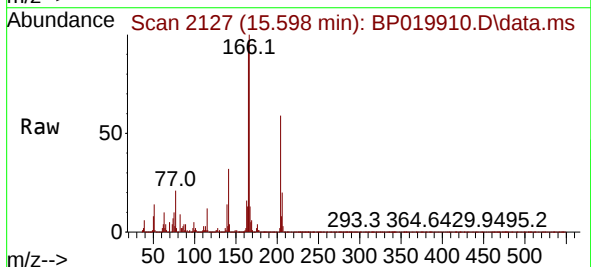
APPROVED

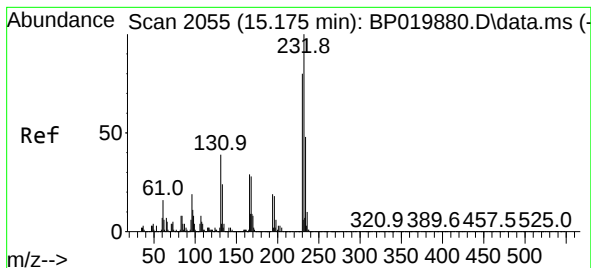
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#58
Fluorene
Concen: 46.849 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

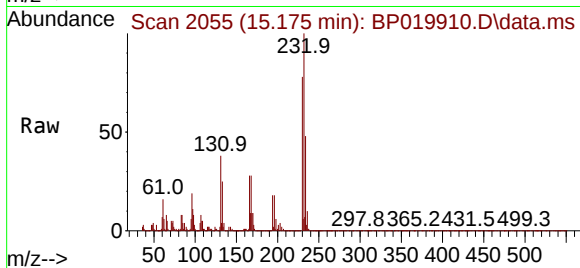
Tgt Ion:166 Resp: 1031203
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.6
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.222 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

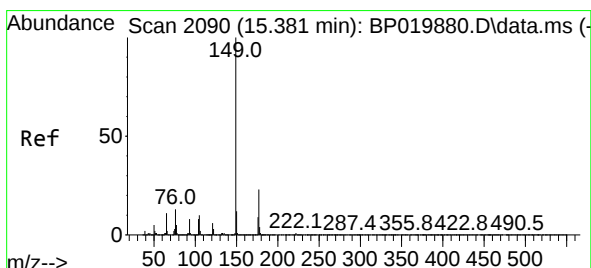
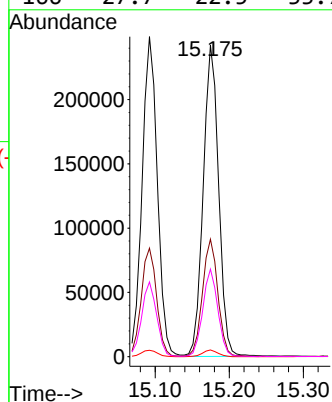
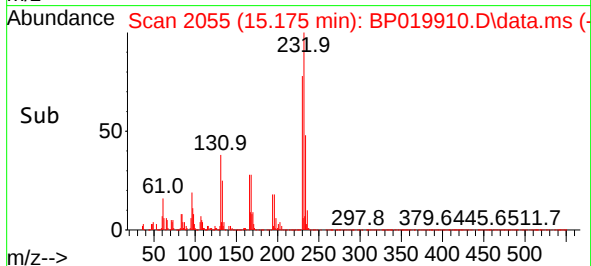
Instrument :
BNA_P
ClientSampleId :
PB159054BS



Tgt Ion:232 Resp: 34964
Ion Ratio Lower Upper
232 100
131 37.5 30.7 46.1
130 2.1 1.8 2.6
166 27.7 22.5 33.7

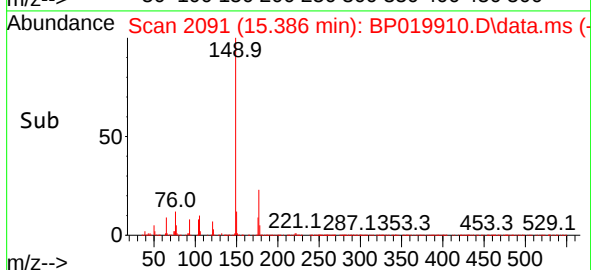
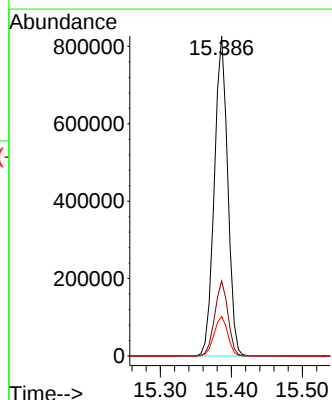
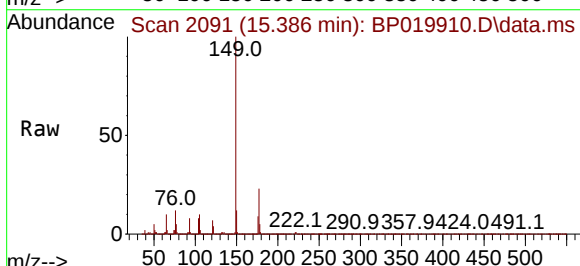
Manual Integrations
APPROVED

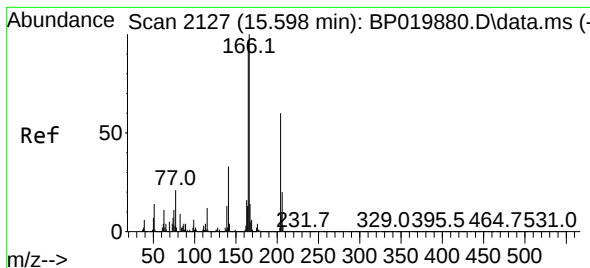
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#60
Diethylphthalate
Concen: 45.538 ng
RT: 15.386 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

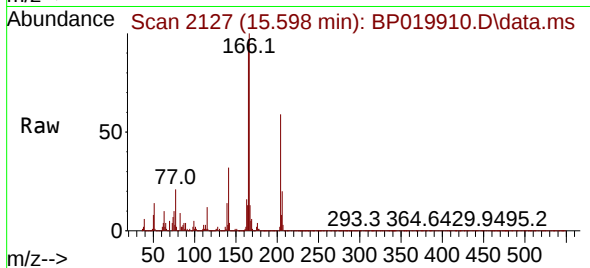
Tgt Ion:149 Resp: 1080288
Ion Ratio Lower Upper
149 100
177 23.4 18.4 27.6
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.115 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

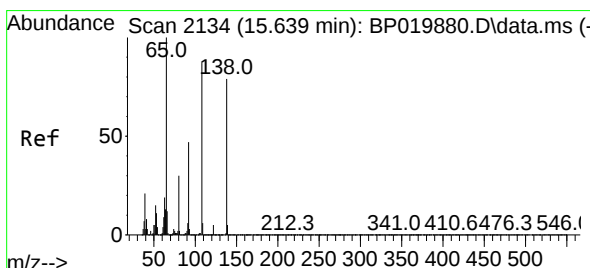
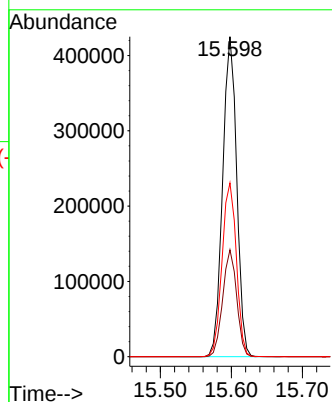
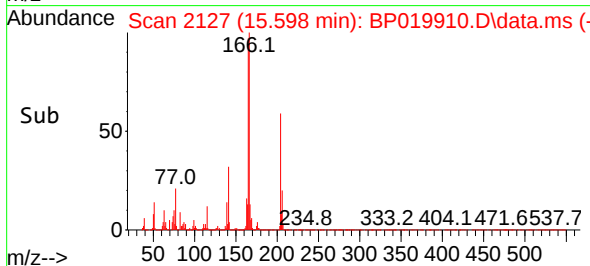
Instrument :
BNA_P
ClientSampleId :
PB159054BS



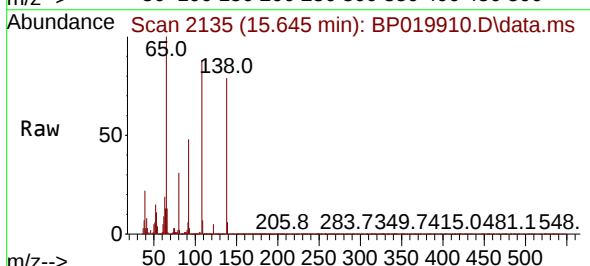
Tgt Ion:204 Resp: 580508
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 54.3 44.2 66.4

Manual Integrations
APPROVED

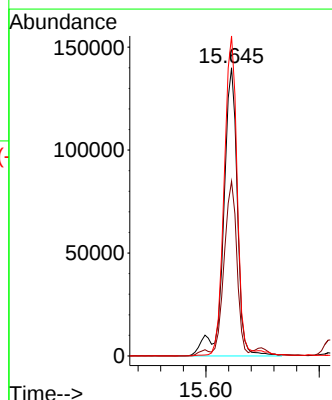
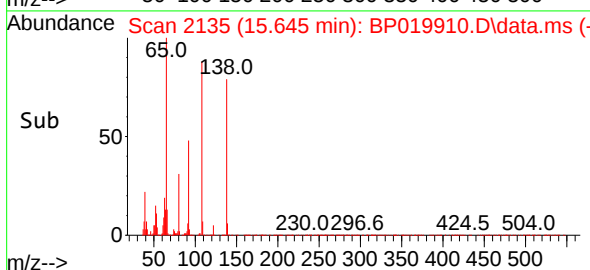
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

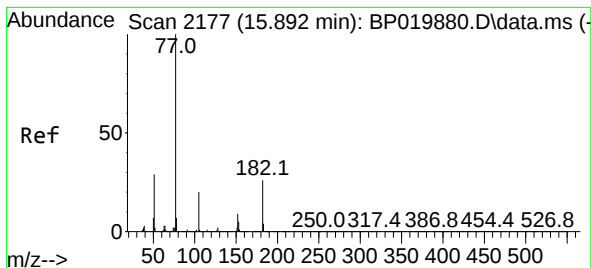


#62
4-Nitroaniline
Concen: 44.283 ng m
RT: 15.645 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24



Tgt Ion:138 Resp: 235956
Ion Ratio Lower Upper
138 100
92 60.6 39.5 79.5
108 111.1 90.7 130.7





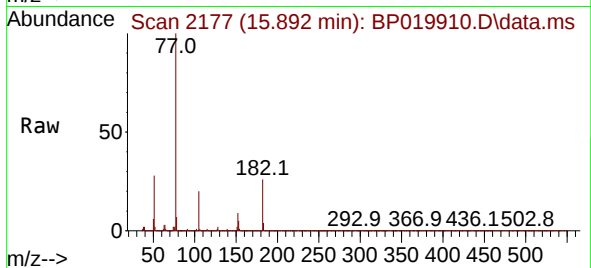
#63
Azobenzene
Concen: 47.409 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

PB159054BS

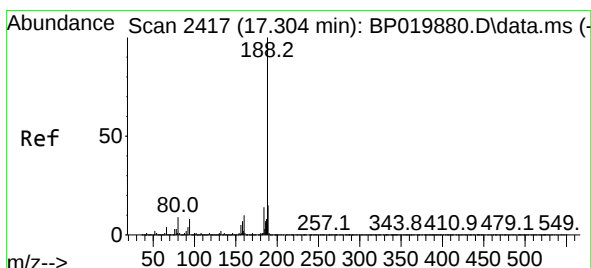
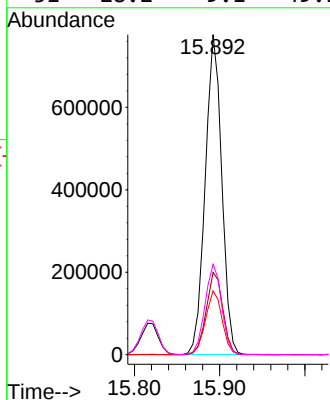
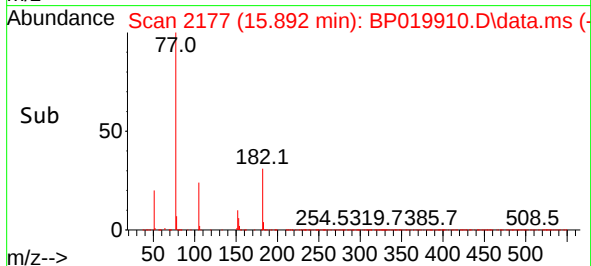


Tgt Ion: 77 Resp: 1047000
Ion Ratio Lower Upper
77 100
182 25.7 6.3 46.3
105 19.9 0.0 40.0
51 28.2 9.1 49.1

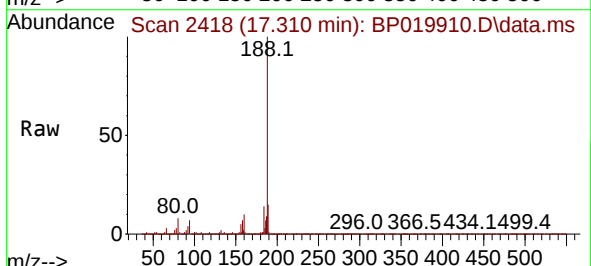
Manual Integrations

APPROVED

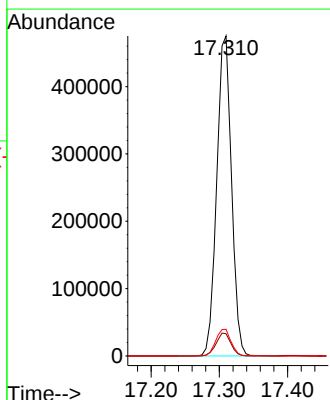
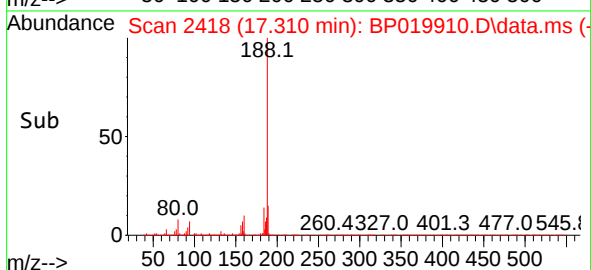
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

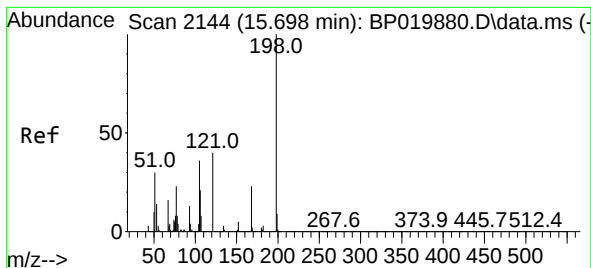


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24



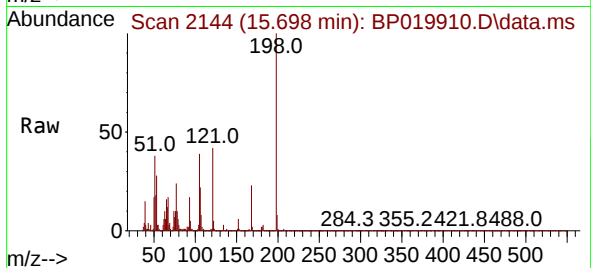
Tgt Ion:188 Resp: 715664
Ion Ratio Lower Upper
188 100
94 7.0 6.2 9.4
80 8.3 7.0 10.4





#65
4,6-Dinitro-2-methylphenol
Concen: 46.163 ng
RT: 15.698 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

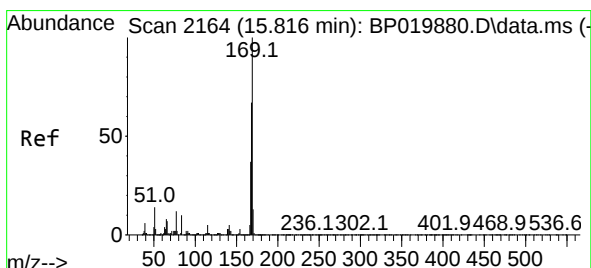
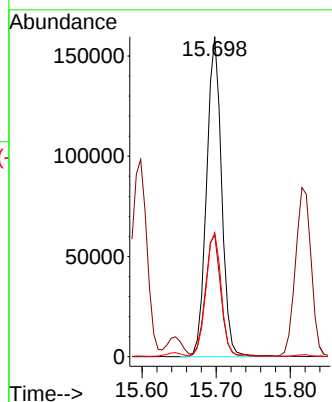
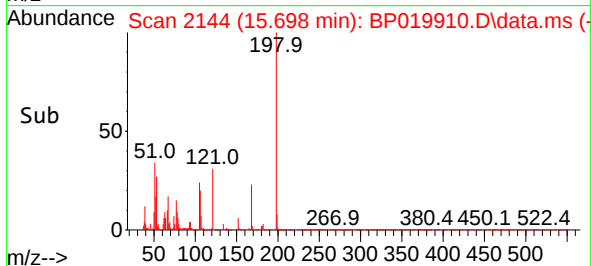
Instrument :
BNA_P
ClientSampleId :
PB159054BS



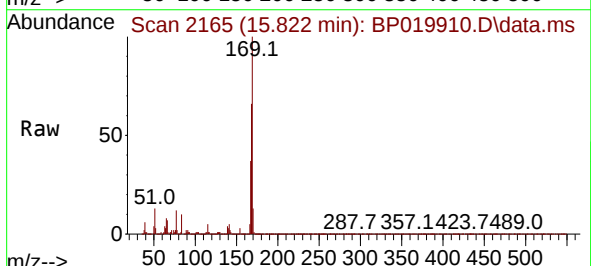
Tgt Ion:198 Resp: 224230
Ion Ratio Lower Upper
198 100
51 38.1 16.3 56.3
105 38.7 17.8 57.8

Manual Integrations
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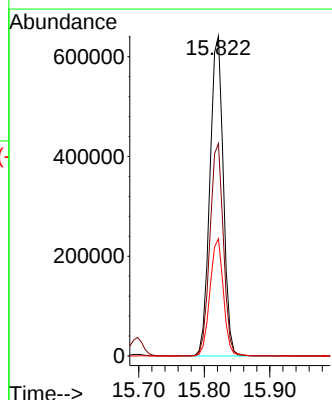
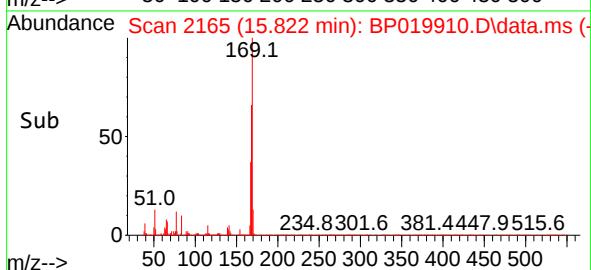
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

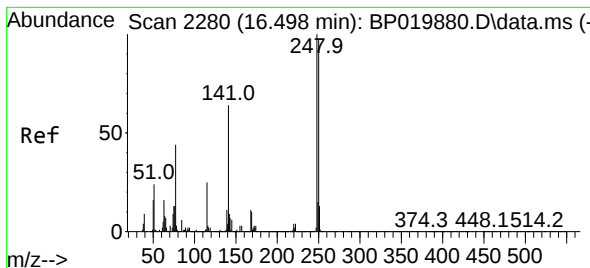


#66
n-Nitrosodiphenylamine
Concen: 44.341 ng
RT: 15.822 min Scan# 2165
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24



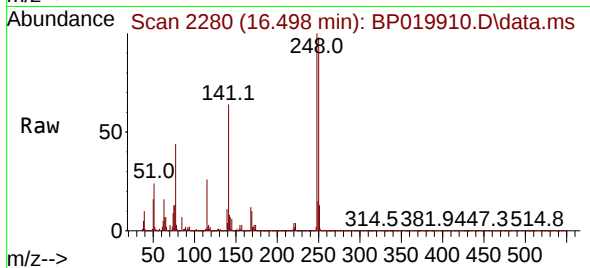
Tgt Ion:169 Resp: 910558
Ion Ratio Lower Upper
169 100
168 66.4 53.6 80.4
167 36.7 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 43.443 ng
RT: 16.498 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

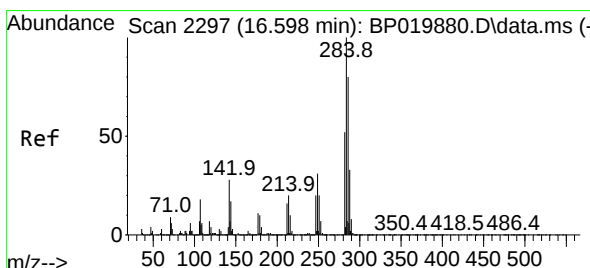
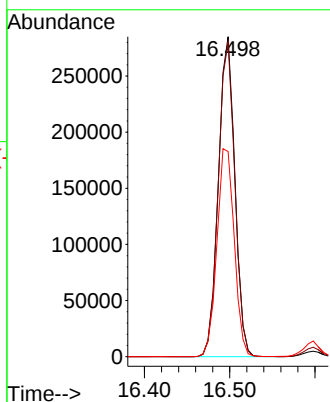
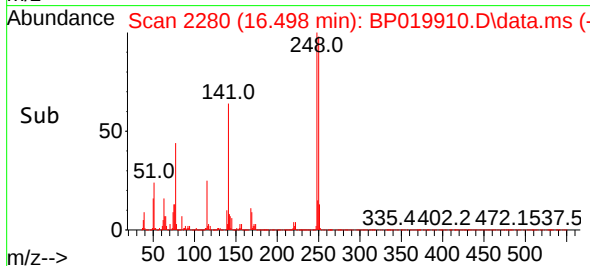
Instrument :
BNA_P
ClientSampleId :
PB159054BS



Tgt Ion:248 Resp: 384430
Ion Ratio Lower Upper
248 100
250 98.3 78.0 117.0
141 64.1 51.6 77.4

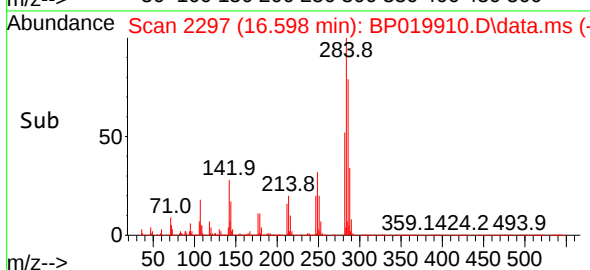
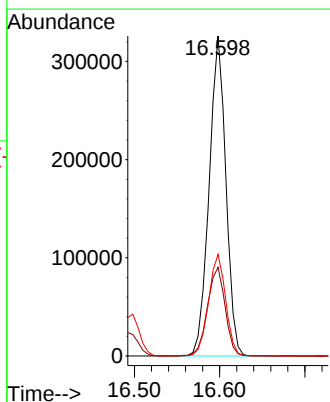
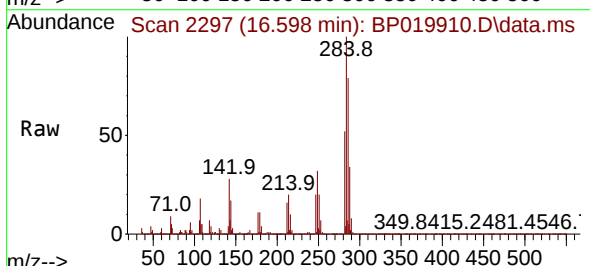
Manual Integrations
APPROVED

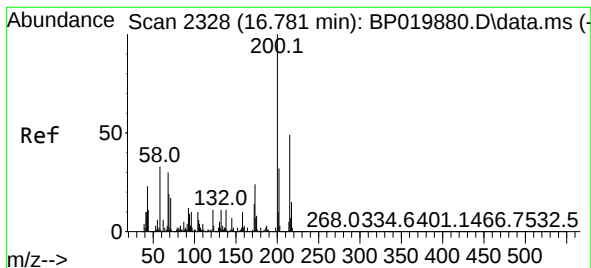
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#68
Hexachlorobenzene
Concen: 46.584 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:284 Resp: 444565
Ion Ratio Lower Upper
284 100
142 27.7 22.6 33.8
249 31.7 25.2 37.8





#69

Atrazine

Concen: 40.392 ng

RT: 16.786 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

PB159054BS

Tgt Ion:200 Resp: 34706

Ion Ratio Lower Upper

200 100

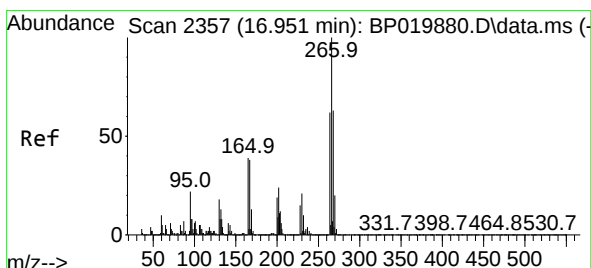
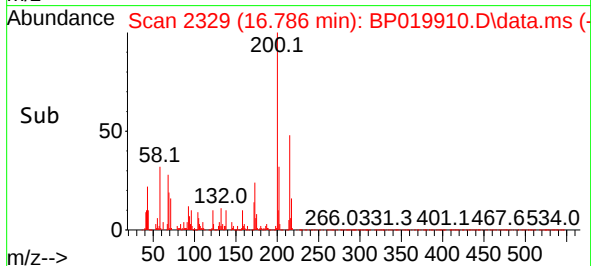
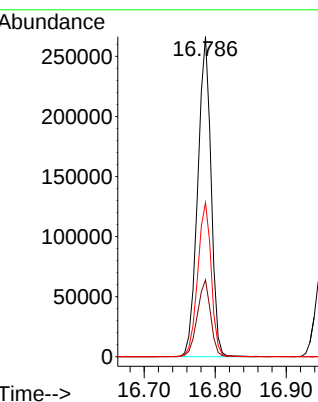
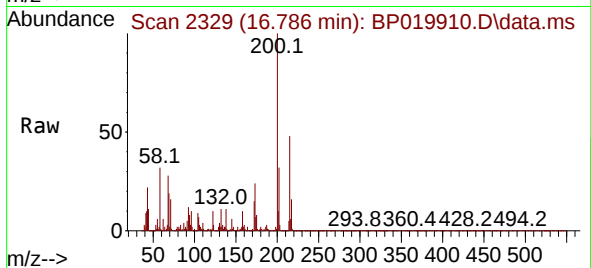
173 24.0 4.1 44.1

215 48.1 29.1 69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#70

Pentachlorophenol

Concen: 88.792 ng

RT: 16.951 min Scan# 2357

Delta R.T. -0.000 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

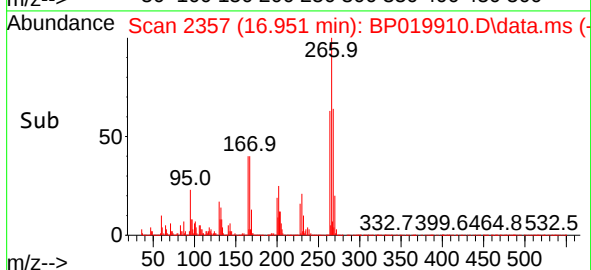
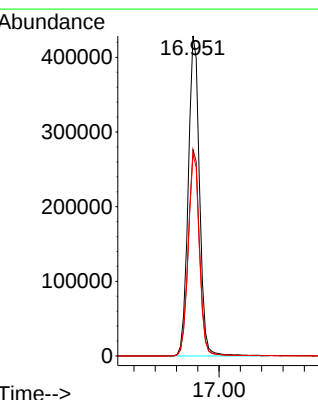
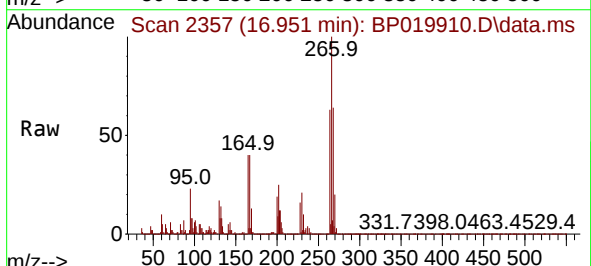
Tgt Ion:266 Resp: 626337

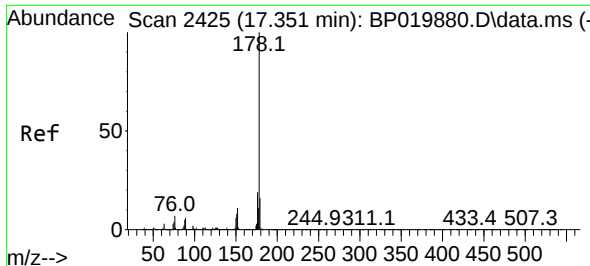
Ion Ratio Lower Upper

266 100

268 64.5 50.6 76.0

264 63.0 49.7 74.5





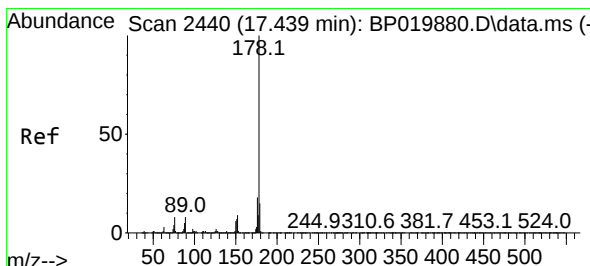
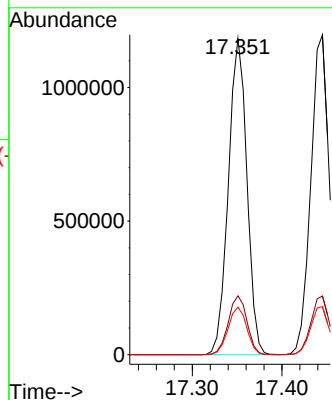
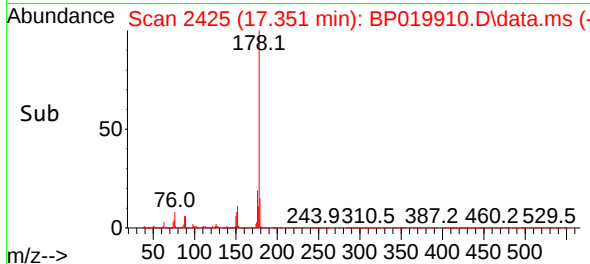
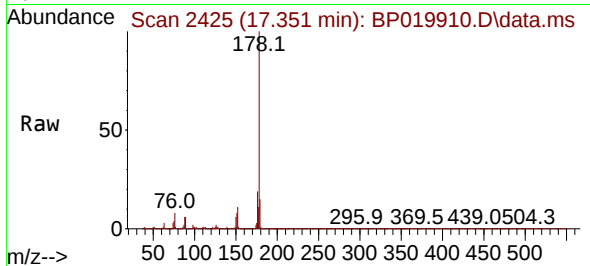
#71
Phenanthrene
Concen: 44.359 ng
RT: 17.351 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Instrument :
BNA_P
ClientSampleId :
PB159054BS

Tgt Ion:178 Resp: 1694520
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.0 12.5 18.7

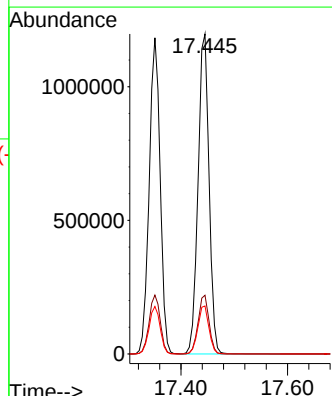
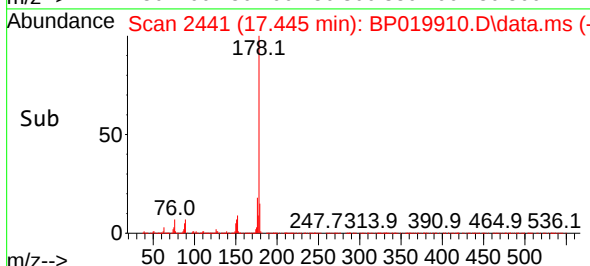
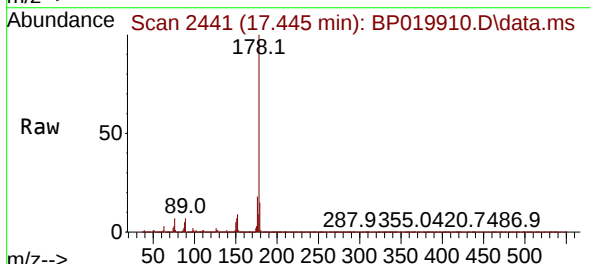
Manual Integrations
APPROVED

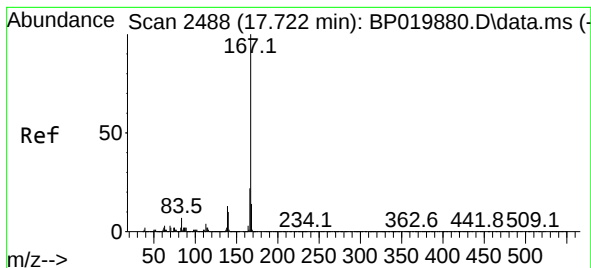
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#72
Anthracene
Concen: 44.027 ng
RT: 17.445 min Scan# 2441
Delta R.T. 0.006 min
Lab File: BP019910.D
Acq: 28 Feb 2024 11:24

Tgt Ion:178 Resp: 1716835
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.0 12.2 18.4





#73

Carbazole

Concen: 45.326 ng

RT: 17.721 min Scan# 2488

Delta R.T. -0.000 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

PB159054BS

Tgt Ion:167 Resp: 1565450

Ion Ratio Lower Upper

167 100

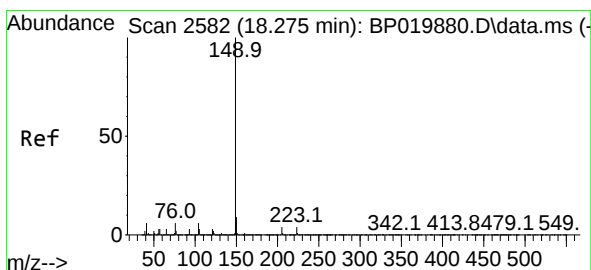
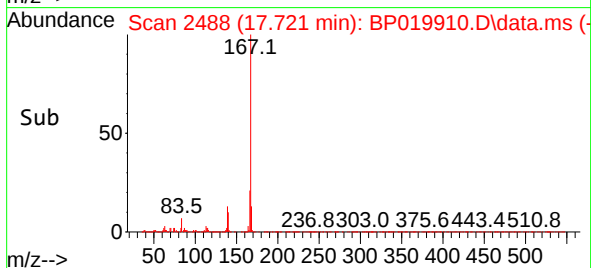
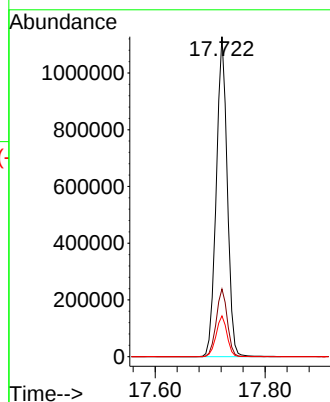
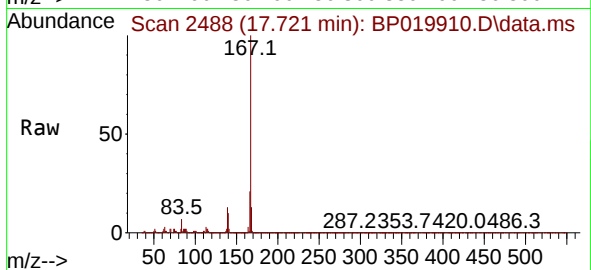
166 21.1 17.3 25.9

139 12.7 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#74

Di-n-butylphthalate

Concen: 43.295 ng

RT: 18.274 min Scan# 2582

Delta R.T. -0.000 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

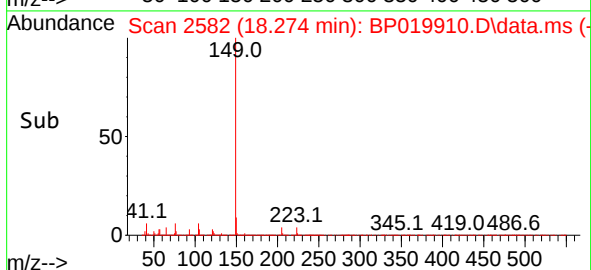
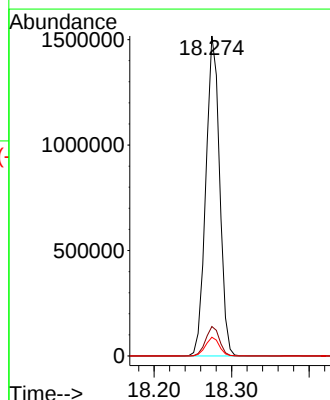
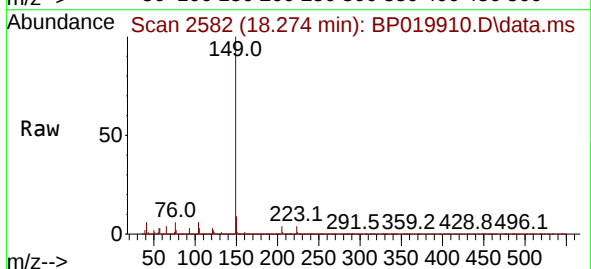
Tgt Ion:149 Resp: 1870113

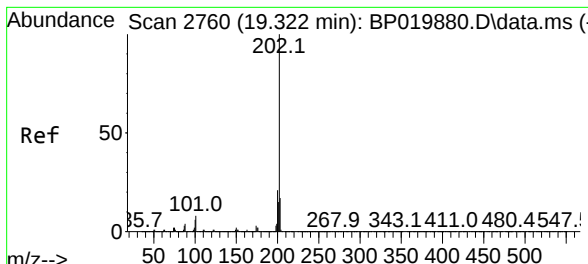
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.9 4.6 7.0





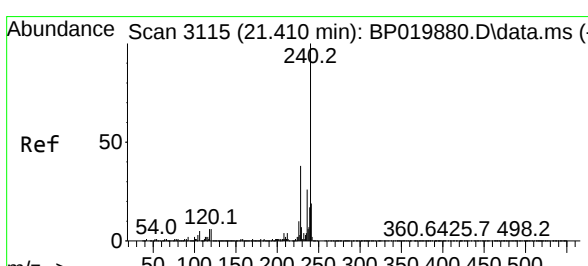
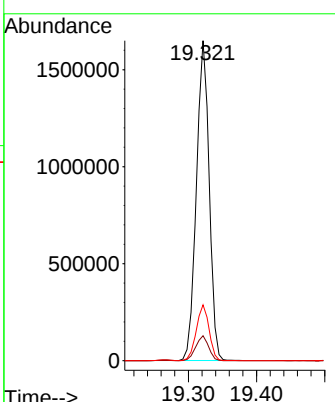
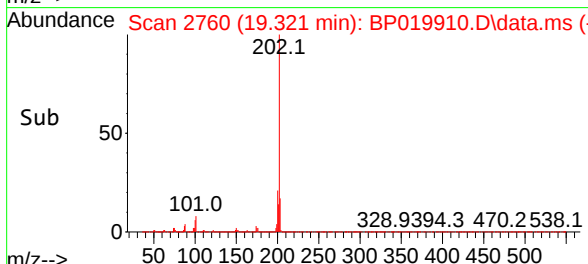
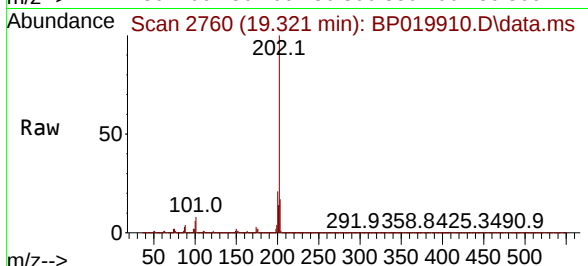
#75
 Fluoranthene
 Concen: 43.375 ng
 RT: 19.321 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP019910.D
 Acq: 28 Feb 2024 11:24

Instrument : BNA_P
 ClientSampleId : PB159054BS

Tgt Ion: 202 Resp: 215034

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	27.7
203	17.5	0.0	37.5

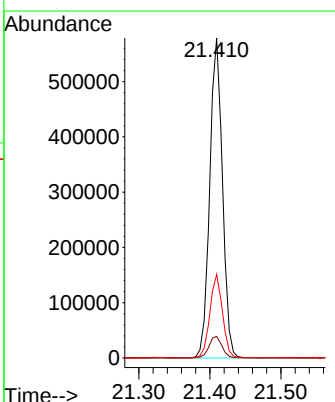
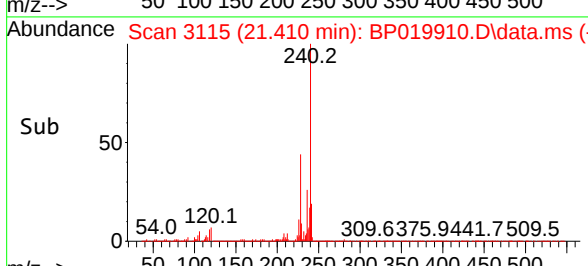
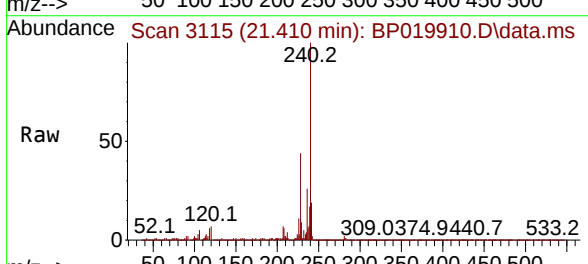
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

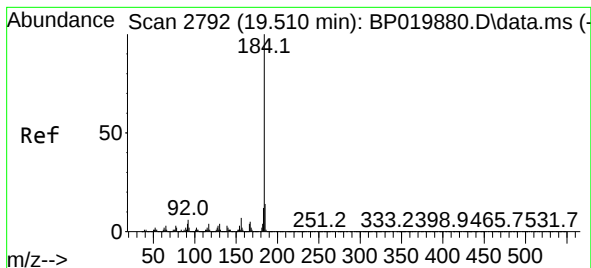


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.410 min Scan# 3115
 Delta R.T. -0.000 min
 Lab File: BP019910.D
 Acq: 28 Feb 2024 11:24

Tgt Ion: 240 Resp: 717576

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.1	7.7
236	26.1	20.5	30.7





#77

Benzidine

Concen: 34.624 ng

RT: 19.510 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

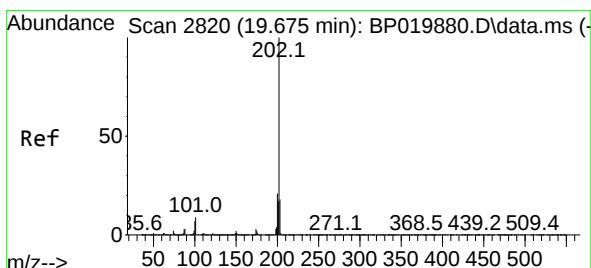
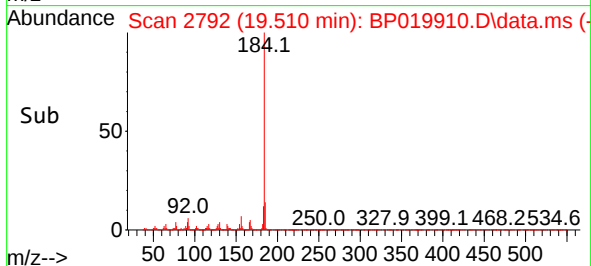
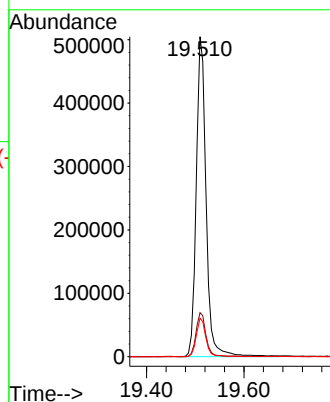
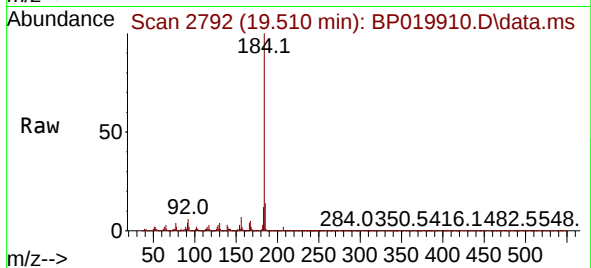
PB159054BS

Tgt Ion:184 Resp: 713680
 Ion Ratio Lower Upper
 184 100
 185 13.7 11.2 16.8
 183 12.0 9.3 13.9

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#78

Pyrene

Concen: 44.923 ng

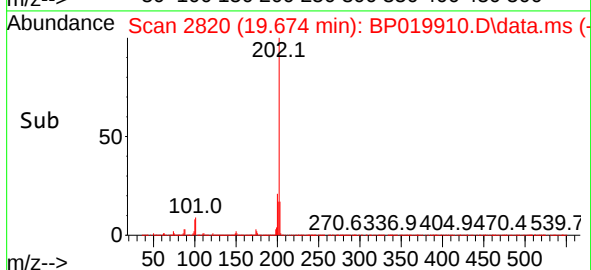
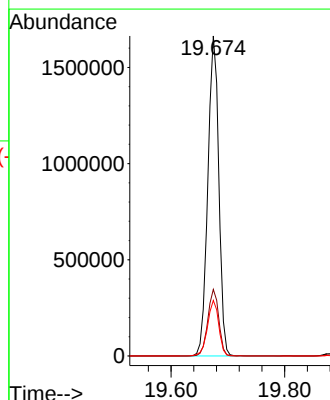
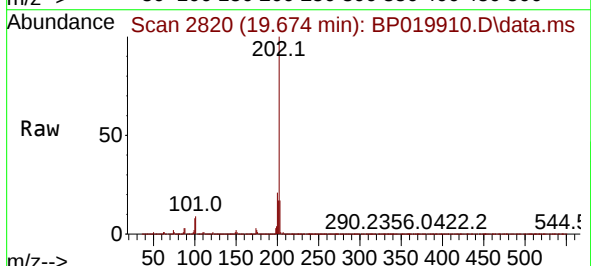
RT: 19.674 min Scan# 2820

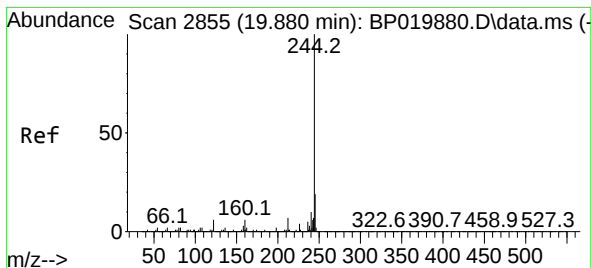
Delta R.T. -0.000 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

Tgt Ion:202 Resp: 2214785
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.7 25.1
 203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 85.077 ng

RT: 19.880 min Scan# 2855

Delta R.T. -0.000 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

PB159054BS

Tgt Ion:244 Resp: 3873340

Ion Ratio Lower Upper

244 100

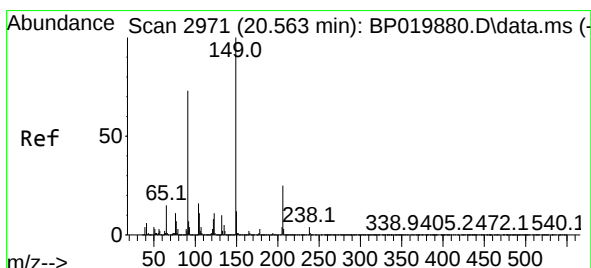
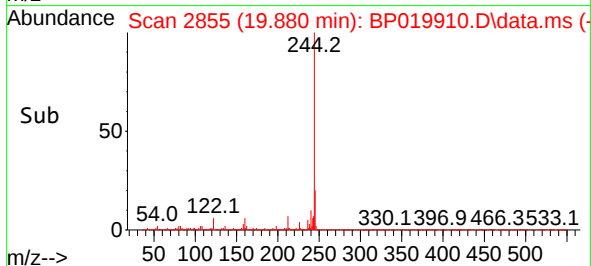
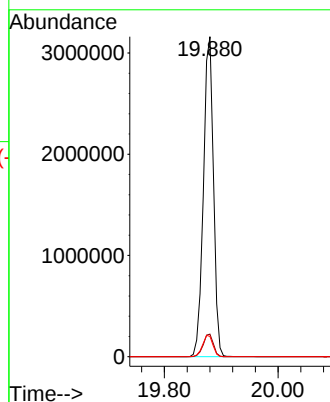
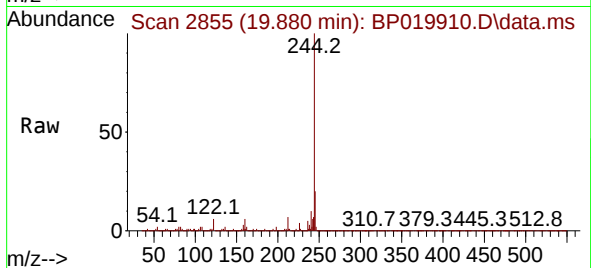
212 7.1 5.8 8.8

122 6.4 5.0 7.6

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#80

Butylbenzylphthalate

Concen: 43.271 ng

RT: 20.563 min Scan# 2971

Delta R.T. -0.000 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

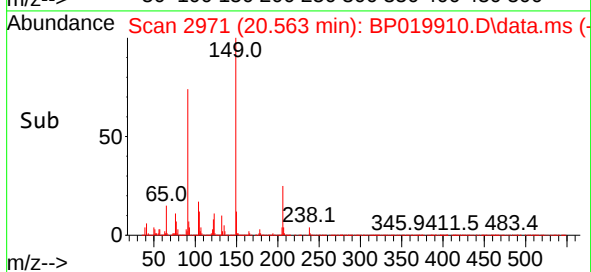
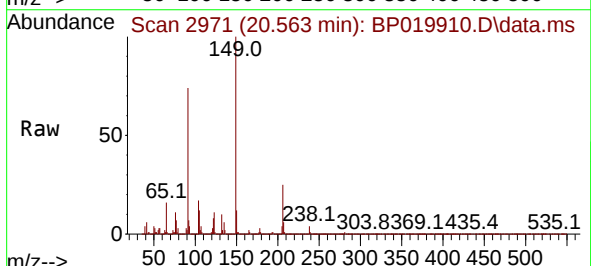
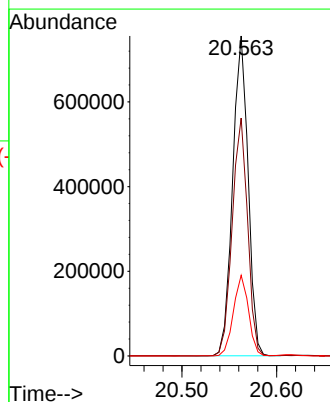
Tgt Ion:149 Resp: 853099

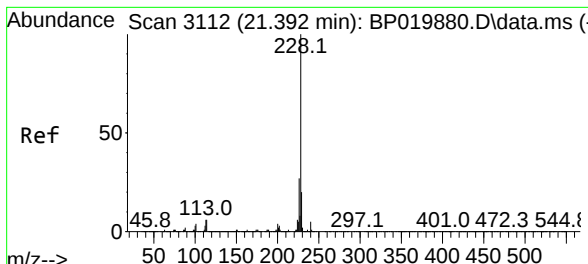
Ion Ratio Lower Upper

149 100

91 74.3 58.3 87.5

206 25.2 19.8 29.8





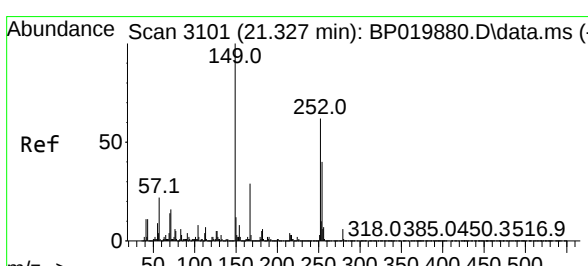
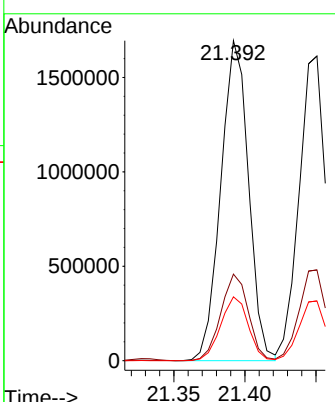
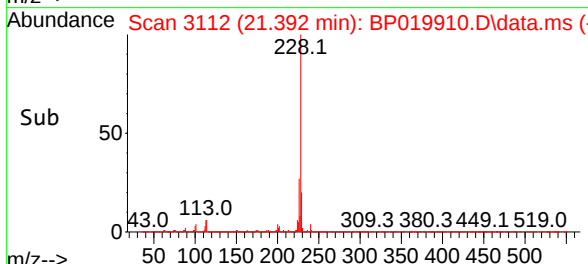
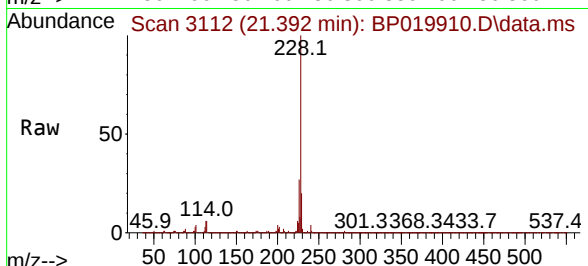
#81
 Benzo(a)anthracene
 Concen: 45.135 ng
 RT: 21.392 min Scan# 3112
 Delta R.T. -0.000 min
 Lab File: BP019910.D
 Acq: 28 Feb 2024 11:24

Instrument : BNA_P
 ClientSampleId : PB159054BS

Tgt Ion:228 Resp: 229898

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.5	32.3
229	20.0	15.6	23.4

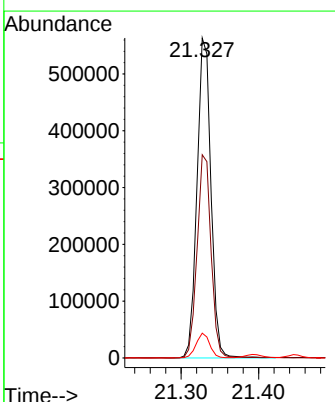
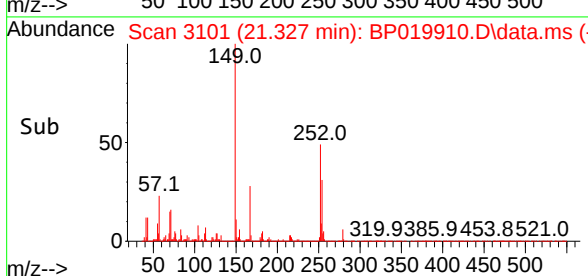
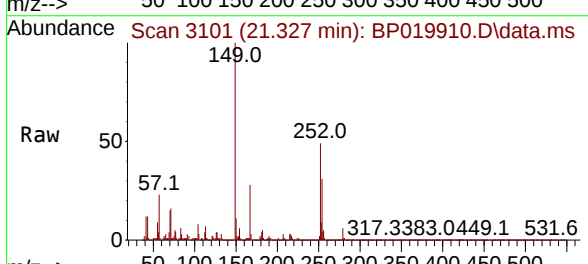
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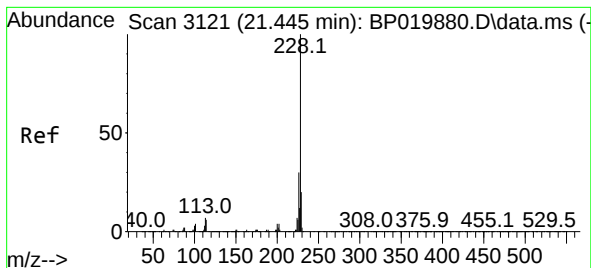


#82
 3,3'-Dichlorobenzidine
 Concen: 35.959 ng
 RT: 21.327 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: BP019910.D
 Acq: 28 Feb 2024 11:24

Tgt Ion:252 Resp: 702482

Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.0	78.0
126	7.8	6.1	9.1





#83

Chrysene

Concen: 44.210 ng

RT: 21.451 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BP019910.D

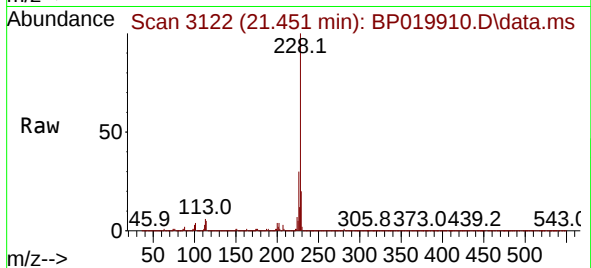
Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

PB159054BS



Tgt Ion:228 Resp: 211009

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

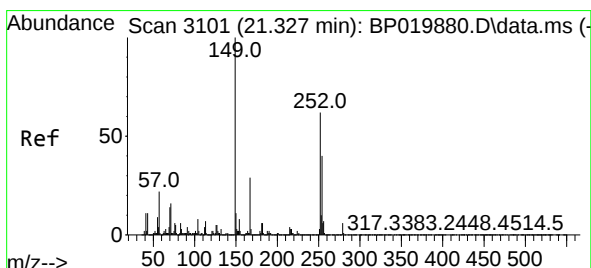
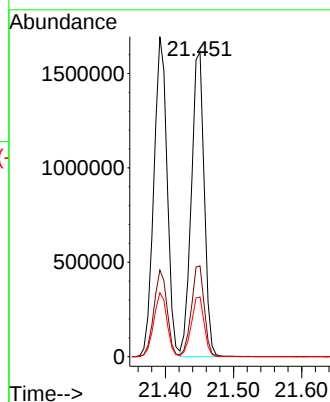
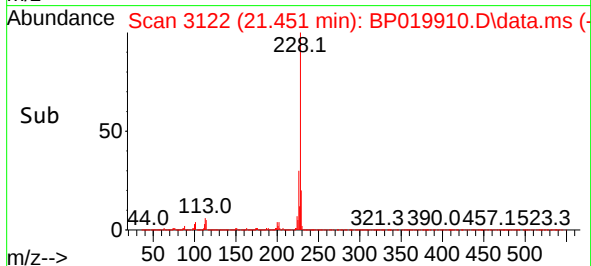
229 19.6 15.7 23.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.358 ng

RT: 21.327 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

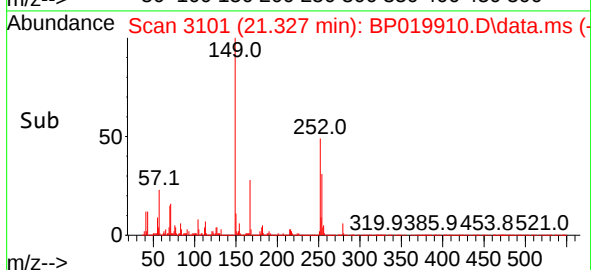
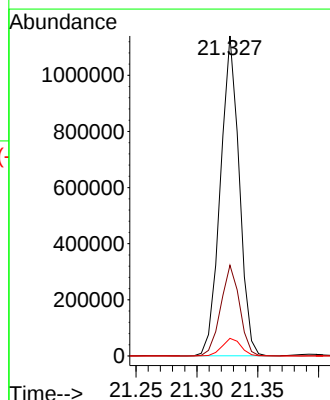
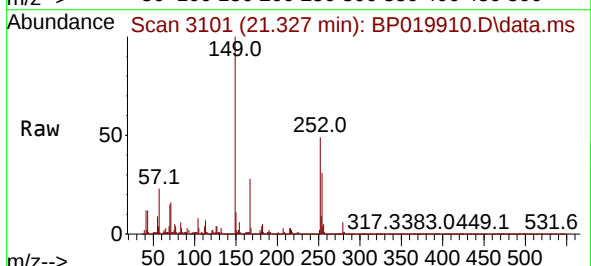
Tgt Ion:149 Resp: 1227072

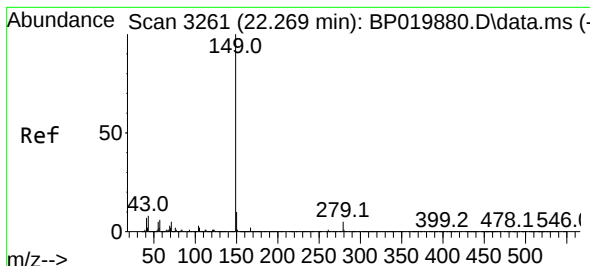
Ion Ratio Lower Upper

149 100

167 28.4 23.0 34.4

279 5.5 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 44.821 ng

RT: 22.268 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

PB159054BS

Tgt Ion:149 Resp: 2111020

Ion Ratio Lower Upper

149 100

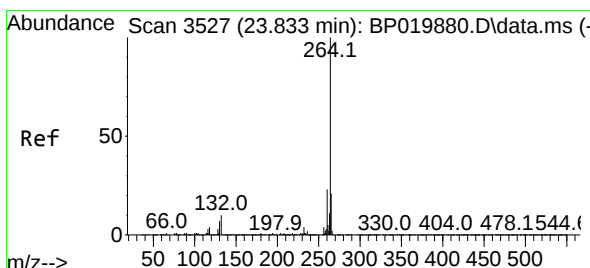
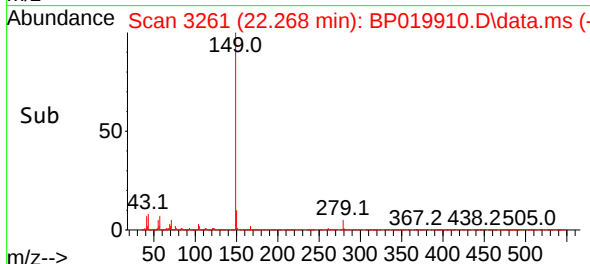
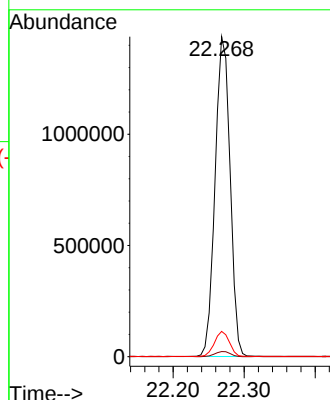
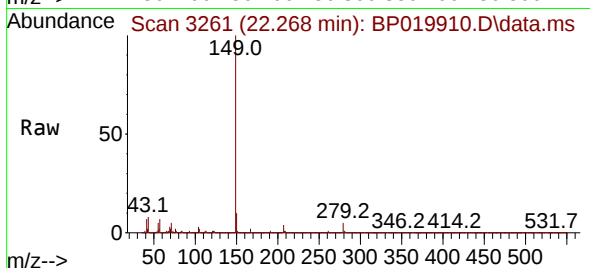
167 1.6 1.4 2.0

43 7.8 6.3 9.5

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#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3527

Delta R.T. -0.000 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

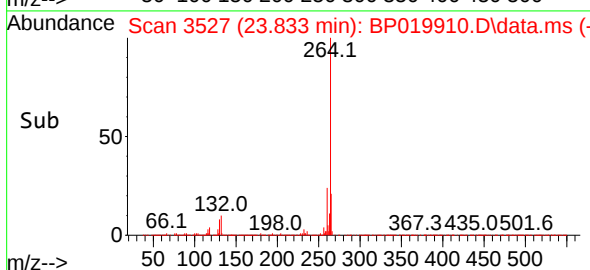
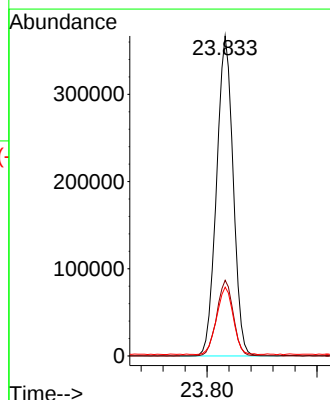
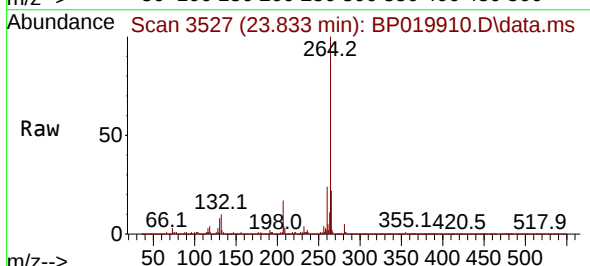
Tgt Ion:264 Resp: 769013

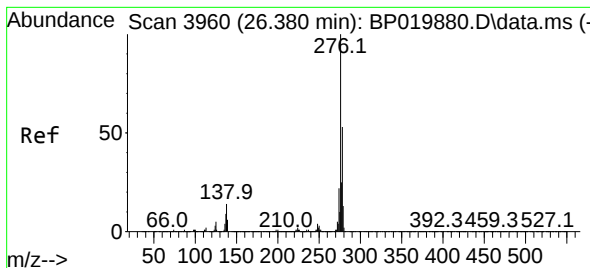
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.077 ng

RT: 26.380 min Scan# 3960

Delta R.T. -0.000 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

PB159054BS

Tgt Ion:276 Resp: 2548709

Ion Ratio Lower Upper

276 100

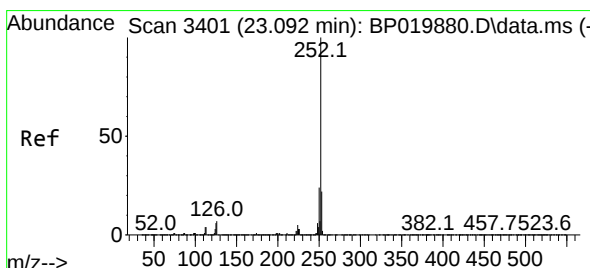
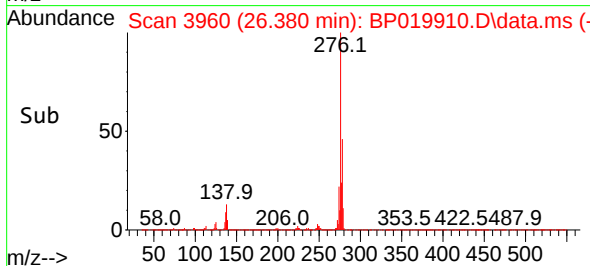
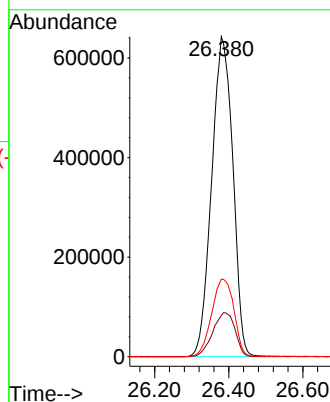
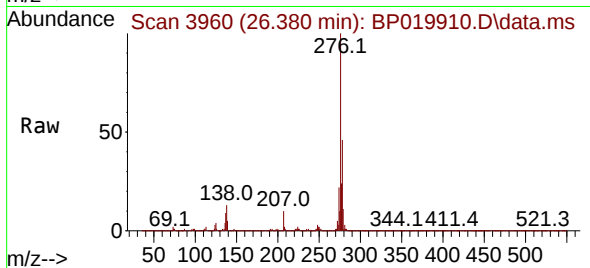
138 14.5 11.7 17.5

277 25.4 20.2 30.4

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#88

Benzo(b)fluoranthene

Concen: 49.599 ng

RT: 23.098 min Scan# 3402

Delta R.T. 0.006 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

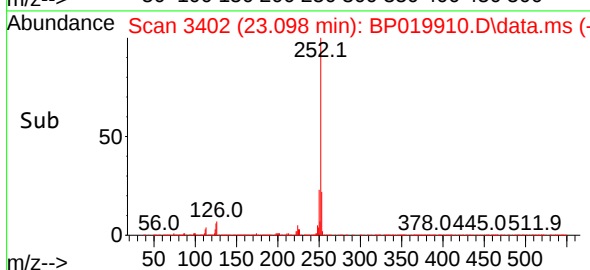
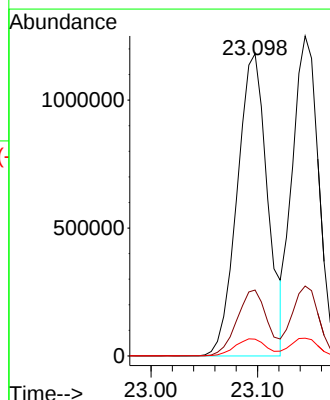
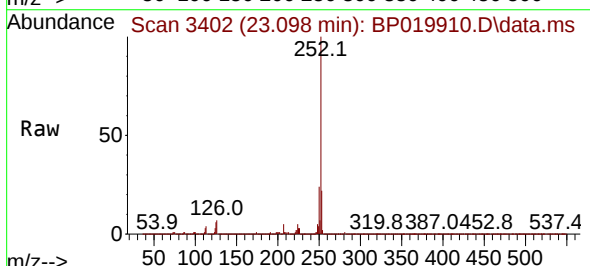
Tgt Ion:252 Resp: 2338450

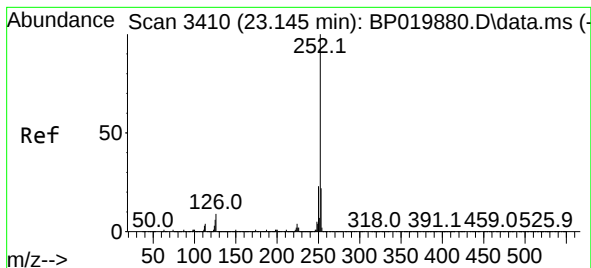
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 5.6 4.6 7.0





#89

Benzo(k)fluoranthene

Concen: 46.215 ng

RT: 23.145 min Scan# 3410

Delta R.T. -0.000 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

PB159054BS

Tgt Ion:252 Resp: 2136929

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

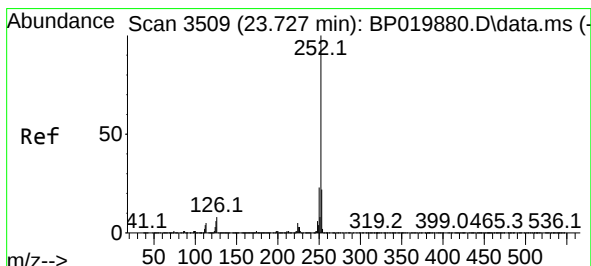
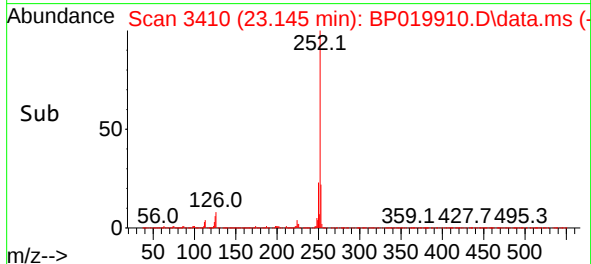
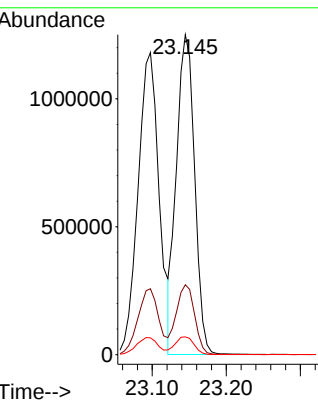
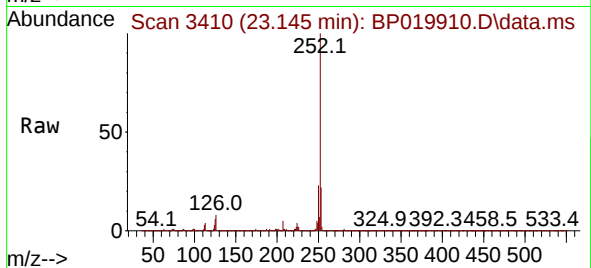
125 5.6 4.6 6.8

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#90

Benzo(a)pyrene

Concen: 45.175 ng

RT: 23.727 min Scan# 3509

Delta R.T. -0.000 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

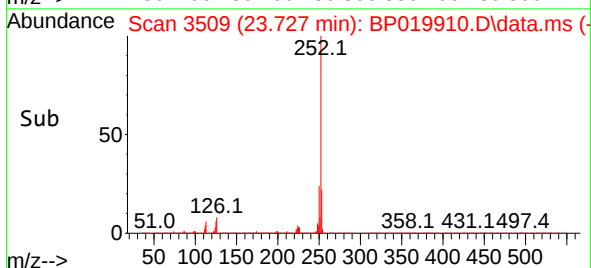
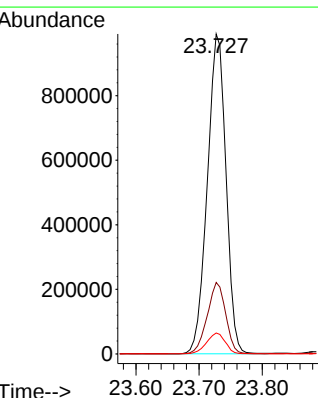
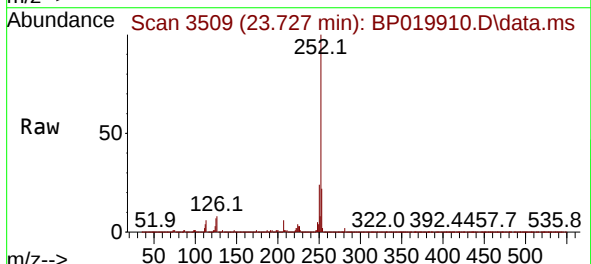
Tgt Ion:252 Resp: 2035453

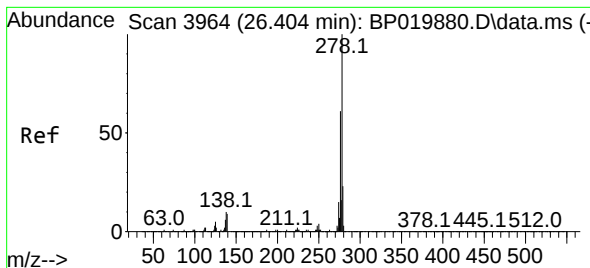
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 6.5 5.2 7.8





#91

Dibenzo(a,h)anthracene

Concen: 46.640 ng

RT: 26.409 min Scan# 3964

Delta R.T. 0.006 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

Instrument :

BNA_P

ClientSampleId :

PB159054BS

Tgt Ion:278 Resp: 2122704

Ion Ratio Lower Upper

278 100

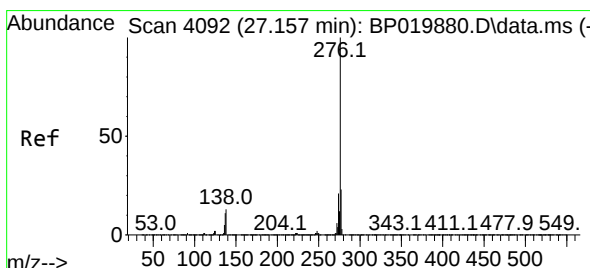
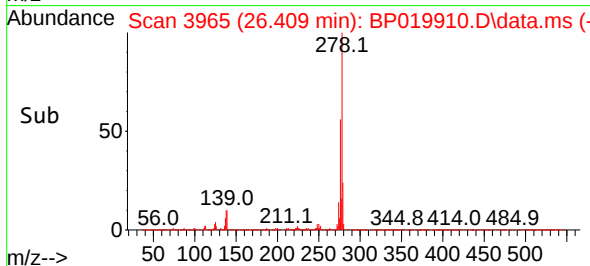
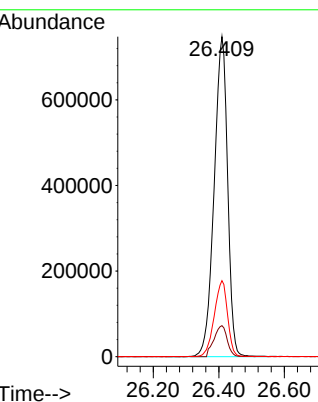
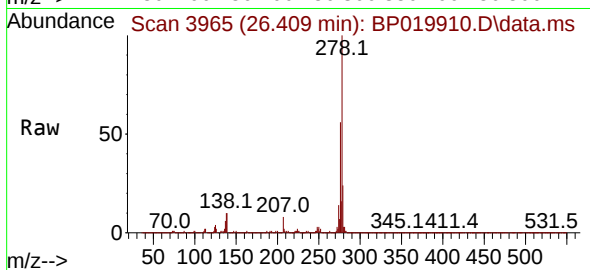
139 9.7 7.4 11.0

279 23.7 18.7 28.1

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#92

Benzo(g,h,i)perylene

Concen: 45.189 ng

RT: 27.162 min Scan# 4093

Delta R.T. 0.006 min

Lab File: BP019910.D

Acq: 28 Feb 2024 11:24

Tgt Ion:276 Resp: 1985388

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 12.3 10.2 15.2

