

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019661.D
 Acq On : 12 Feb 2024 14:12
 Operator : MA/JU
 Sample : P1394-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3(4-5)MS

Quant Time: Feb 12 14:45:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	99869	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	351259	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	190867	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	325810	20.000	ng	0.00
76) Chrysene-d12	21.386	240	280611	20.000	ng	0.00
86) Perylene-d12	23.804	264	426837	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	561735	90.666	ng	0.00
7) Phenol-d6	7.081	99	723385	86.592	ng	0.00
23) Nitrobenzene-d5	9.075	82	478471	59.024	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	244362	87.686	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	960697	62.223	ng	-0.01
79) Terphenyl-d14	19.863	244	890023	52.161	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	86130	36.082	ng	99
3) Pyridine	3.781	79	231358	35.750	ng	99
4) n-Nitrosodimethylamine	3.705	42	121579	43.150	ng	95
6) Aniline	7.240	93	345797	42.600	ng	99
8) 2-Chlorophenol	7.469	128	283684	44.598	ng	97
9) Benzaldehyde	7.058	77	79860m	13.635	ng	
10) Phenol	7.110	94	365262	43.869	ng	98
11) bis(2-Chloroethyl)ether	7.346	93	271273	41.877	ng	97
12) 1,3-Dichlorobenzene	7.793	146	320972	41.238	ng	97
13) 1,4-Dichlorobenzene	7.940	146	332109	42.116	ng	99
14) 1,2-Dichlorobenzene	8.252	146	316649	41.502	ng	97
15) Benzyl Alcohol	8.157	79	285569m	42.782	ng	
16) 2,2'-oxybis(1-Chloropr...	8.434	45	262913	40.587	ng	99
17) 2-Methylphenol	8.357	107	238011	42.460	ng	98
18) Hexachloroethane	8.975	117	123616	40.443	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	216766	37.988	ng	98
20) 3+4-Methylphenols	8.687	107	316393	41.357	ng	98
22) Acetophenone	8.740	105	439887	43.959	ng	# 98
24) Nitrobenzene	9.122	77	339238	41.564	ng	98
25) Isophorone	9.646	82	566343	40.116	ng	100
26) 2-Nitrophenol	9.828	139	150509	48.363	ng	95
27) 2,4-Dimethylphenol	9.887	122	199736	50.193	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	334844	41.920	ng	99
29) 2,4-Dichlorophenol	10.357	162	268160	44.579	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	319204	43.278	ng	98
31) Naphthalene	10.757	128	813583	42.231	ng	99
32) Benzoic acid	10.034	122	159232	41.070	ng	90
33) 4-Chloroaniline	10.875	127	197671	27.745	ng	98
34) Hexachlorobutadiene	11.028	225	232871	42.606	ng	98
35) Caprolactam	11.675	113	61945	36.376	ng	95
36) 4-Chloro-3-methylphenol	11.998	107	266961	40.701	ng	97
37) 2-Methylnaphthalene	12.369	142	541546	40.619	ng	98
38) 1-Methylnaphthalene	12.587	142	517654	39.510	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	371736	50.500	ng	98
41) Hexachlorocyclopentadiene	12.698	237	391012	117.585	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	214143	48.043	ng	99

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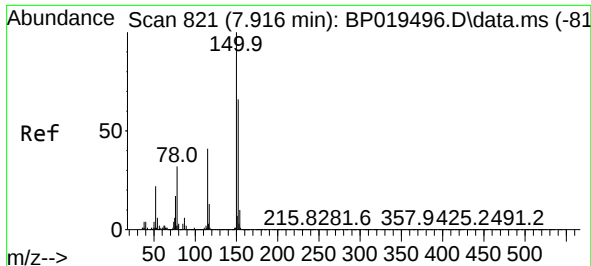
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

Quant Time: Feb 12 14:45:53 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	223897	45.745	ng	97
46) 1,1'-Biphenyl	13.381	154	709224	46.556	ng	99
47) 2-Chloronaphthalene	13.416	162	569361	45.530	ng	98
48) 2-Nitroaniline	13.628	65	150537	43.051	ng	98
49) Acenaphthylene	14.263	152	838599	47.799	ng	99
50) Dimethylphthalate	14.010	163	601453	41.163	ng	98
51) 2,6-Dinitrotoluene	14.134	165	131773	41.048	ng	94
52) Acenaphthene	14.604	154	469812	43.146	ng	99
53) 3-Nitroaniline	14.457	138	90597	30.709	ng	94
54) 2,4-Dinitrophenol	14.669	184	130589	78.348	ng	97
55) Dibenzofuran	14.939	168	768515	43.334	ng	99
56) 4-Nitrophenol	14.769	139	189630	78.421	ng	94
57) 2,4-Dinitrotoluene	14.916	165	164840	39.184	ng	99
58) Fluorene	15.592	166	585583	41.456	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	180910	43.943	ng	97
60) Diethylphthalate	15.375	149	547291	37.658	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	332940	41.936	ng	95
62) 4-Nitroaniline	15.622	138	106231	34.353	ng	97
63) Azobenzene	15.886	77	545659	38.826	ng	97
65) 4,6-Dinitro-2-methylph...	15.675	198	86176	46.386	ng	97
66) n-Nitrosodiphenylamine	15.810	169	475099	48.690	ng	99
67) 4-Bromophenyl-phenylether	16.486	248	199993	49.102	ng	98
68) Hexachlorobenzene	16.586	284	223389	46.966	ng	96
69) Atrazine	16.769	200	156558	48.351	ng	95
70) Pentachlorophenol	16.939	266	266556	89.992	ng	98
71) Phenanthrene	17.339	178	776420	45.282	ng	99
72) Anthracene	17.428	178	785862	45.945	ng	100
73) Carbazole	17.704	167	627929	40.411	ng	100
74) Di-n-butylphthalate	18.263	149	716499	38.136	ng	99
75) Fluoranthene	19.304	202	802843	38.329	ng	99
77) Benzidine	19.498	184	512068	87.285	ng	100
78) Pyrene	19.657	202	817940	41.301	ng	99
80) Butylbenzylphthalate	20.545	149	270188	36.533	ng	99
81) Benzo(a)anthracene	21.374	228	879731	44.537	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	335574	46.621	ng	99
83) Chrysene	21.427	228	827391	44.119	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	368927	32.759	ng	100
85) Di-n-octyl phthalate	22.257	149	682008	34.419	ng	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	1602662	49.052	ng	99
88) Benzo(b)fluoranthene	23.068	252	1138824	42.333	ng	99
89) Benzo(k)fluoranthene	23.121	252	1035979	40.315	ng	99
90) Benzo(a)pyrene	23.698	252	1077497	45.015	ng	99
91) Dibenzo(a,h)anthracene	26.368	278	1302791	48.481	ng	99
92) Benzo(g,h,i)perylene	27.121	276	1285214	47.143	ng	99

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



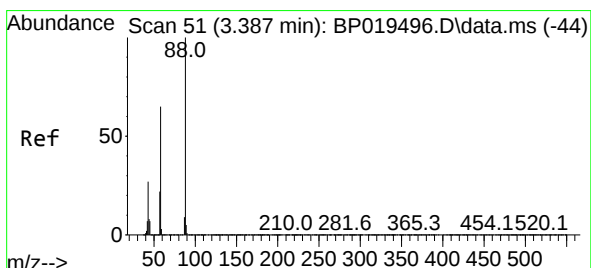
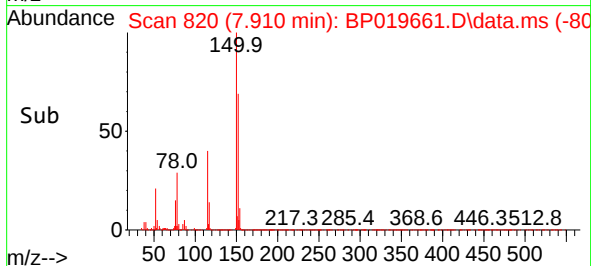
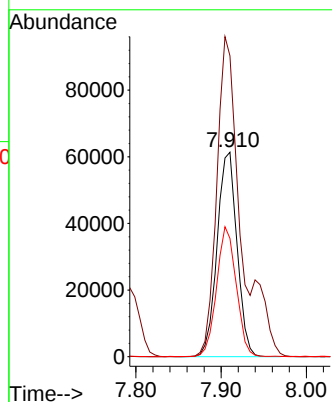
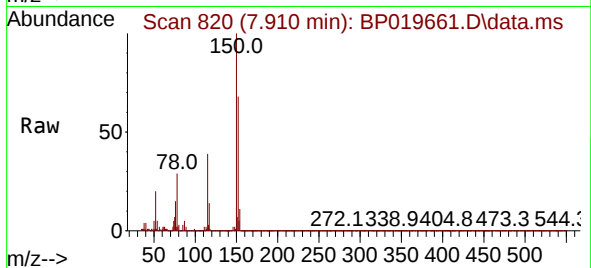
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS

Tgt Ion:152 Resp: 99869
Ion Ratio Lower Upper
152 100
150 147.0 121.8 182.8
115 57.9 49.9 74.9

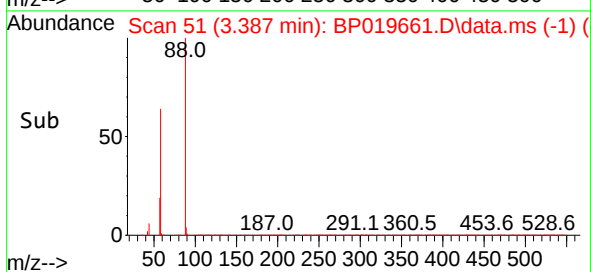
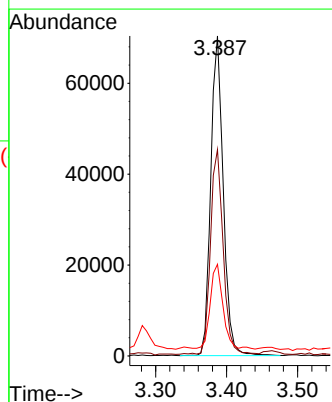
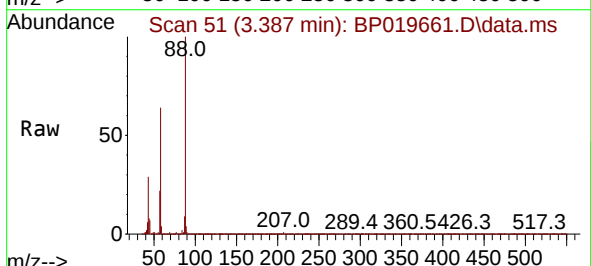
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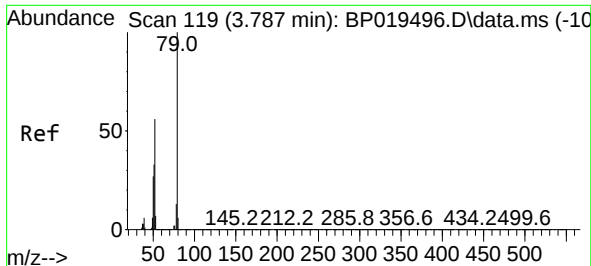
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#2
1,4-Dioxane
Concen: 36.082 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

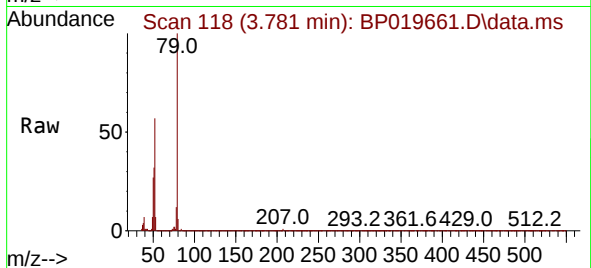
Tgt Ion: 88 Resp: 86130
Ion Ratio Lower Upper
88 100
58 64.8 52.6 78.8
43 27.1 21.9 32.9





#3
Pyridine
Concen: 35.750 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

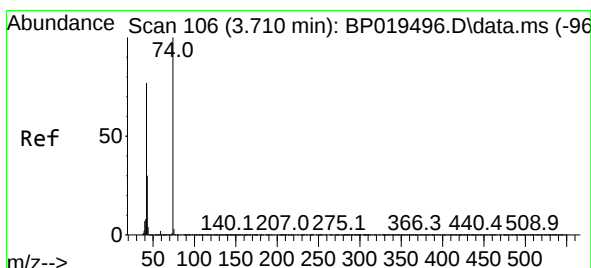
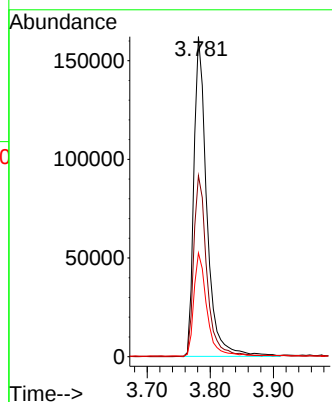
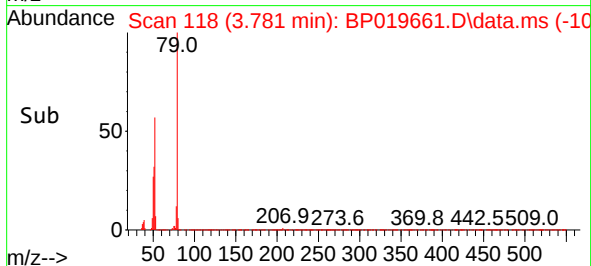
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS



Tgt Ion: 79 Resp: 231358
Ion Ratio Lower Upper
79 100
52 56.5 45.0 67.6
51 32.4 26.8 40.2

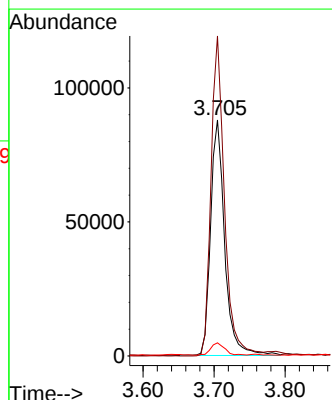
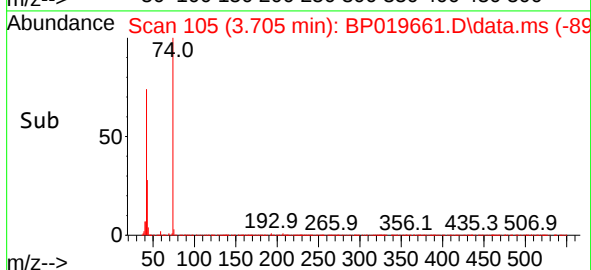
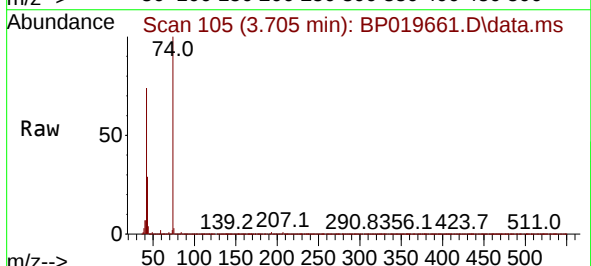
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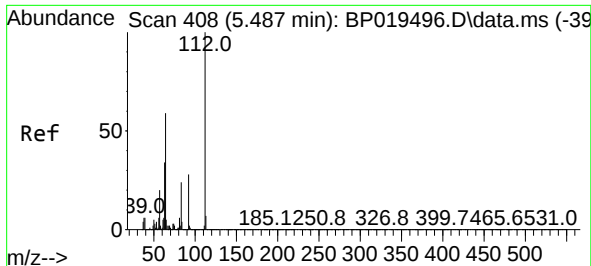
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#4
n-Nitrosodimethylamine
Concen: 43.150 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion: 42 Resp: 121579
Ion Ratio Lower Upper
42 100
74 135.6 103.4 155.2
44 5.5 4.8 7.2





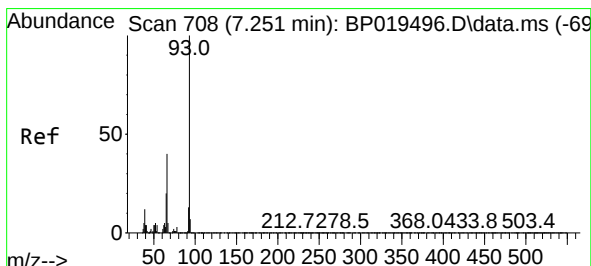
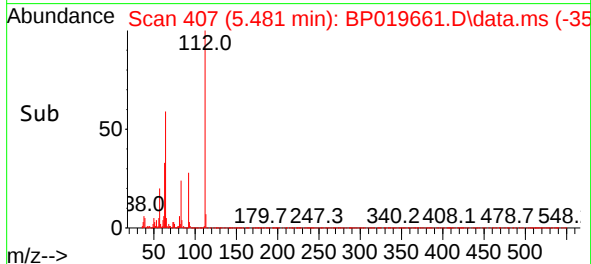
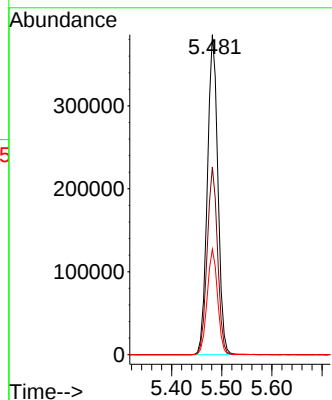
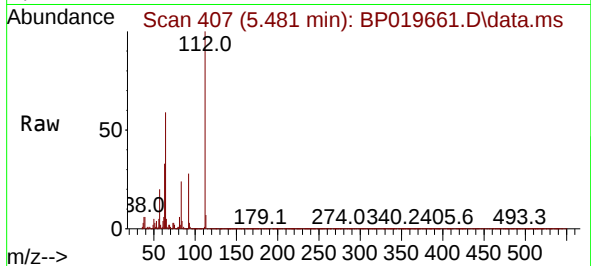
#5
2-Fluorophenol
Concen: 90.666 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS

Tgt Ion:112 Resp: 561735
Ion Ratio Lower Upper
112 100
64 58.6 47.4 71.0
63 33.0 27.0 40.6

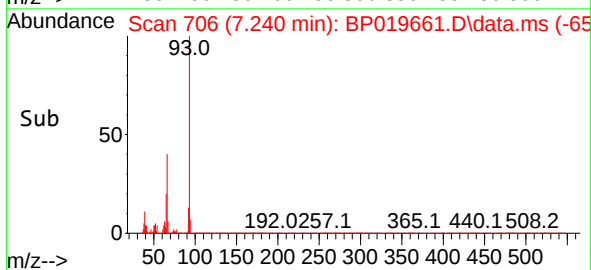
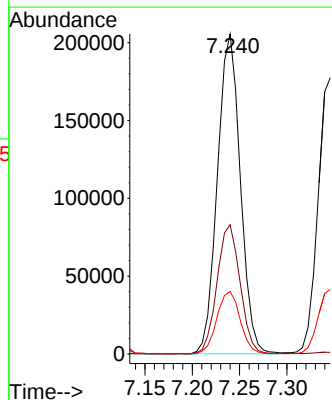
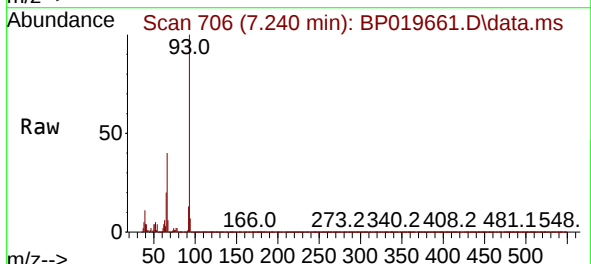
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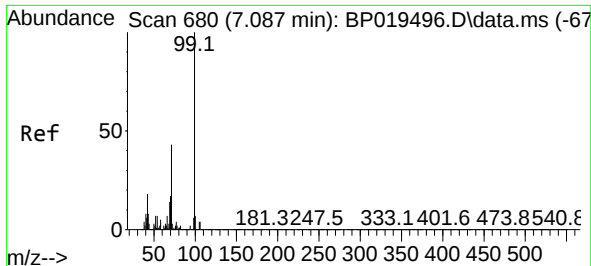
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#6
Aniline
Concen: 42.600 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

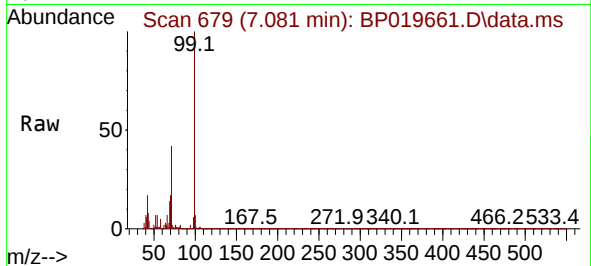
Tgt Ion: 93 Resp: 345797
Ion Ratio Lower Upper
93 100
66 40.4 32.3 48.5
65 19.6 16.4 24.6





#7
Phenol-d6
Concen: 86.592 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

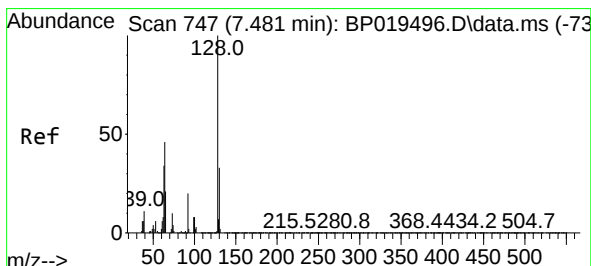
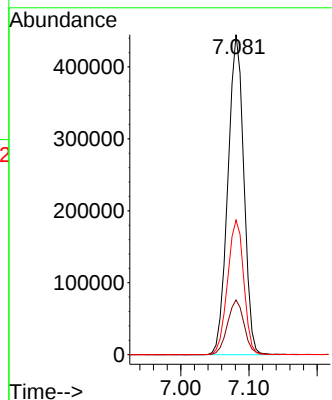
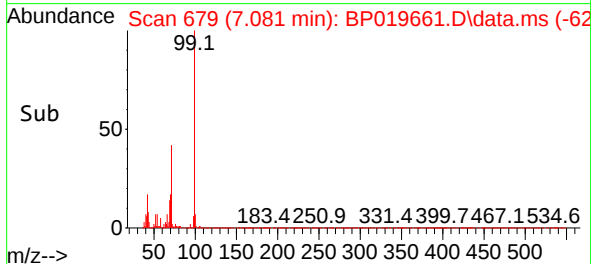
Instrument :
BNA_P
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SB-3(4-5)MS



Tgt Ion: 99 Resp: 723385
Ion Ratio Lower Upper
99 100
42 17.1 14.7 22.1
71 42.0 34.8 52.2

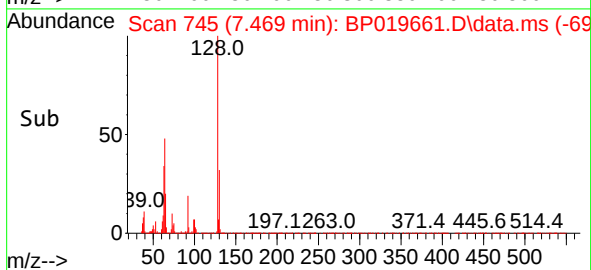
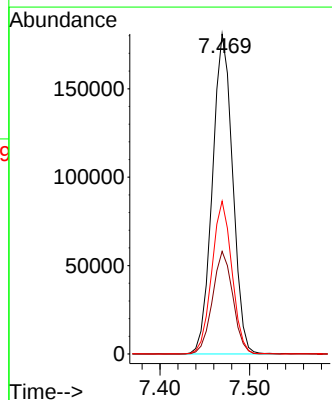
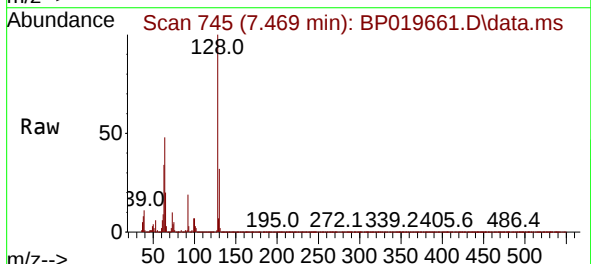
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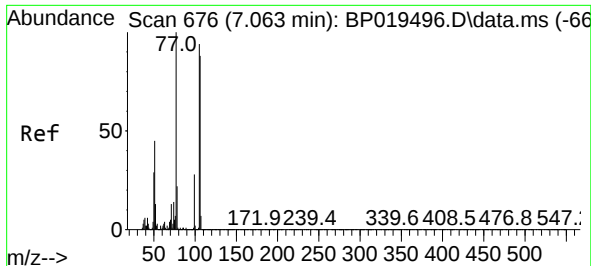
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#8
2-Chlorophenol
Concen: 44.598 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:128 Resp: 283684
Ion Ratio Lower Upper
128 100
130 32.1 13.3 53.3
64 47.7 29.7 69.7





#9

Benzaldehyde

Concen: 13.635 ng m

RT: 7.058 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

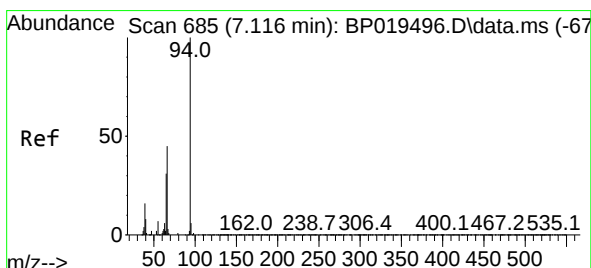
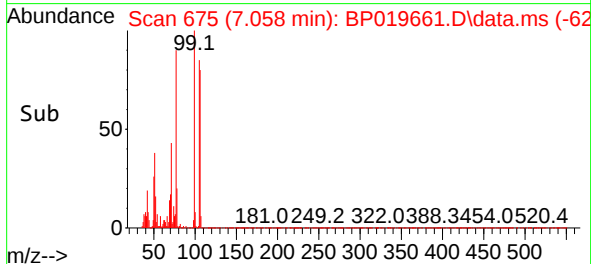
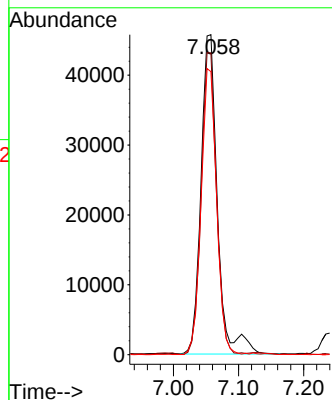
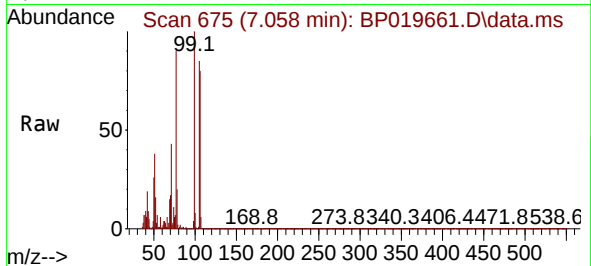
SB-3(4-5)MS

Tgt Ion: 77	Resp: 79860
Ion Ratio	Lower Upper
77 100	
105 94.3	74.0 114.0
106 88.5	67.8 107.8

Manual Integrations
APPROVED

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#10

Phenol

Concen: 43.869 ng

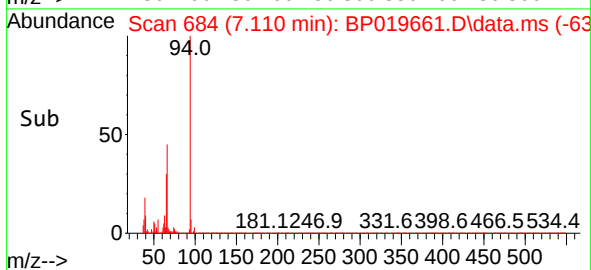
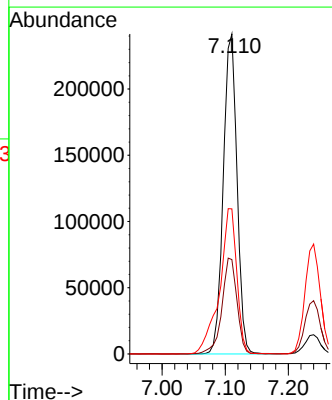
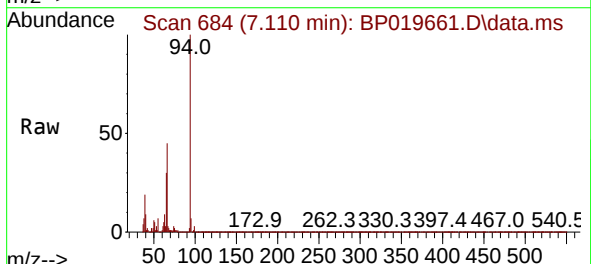
RT: 7.110 min Scan# 684

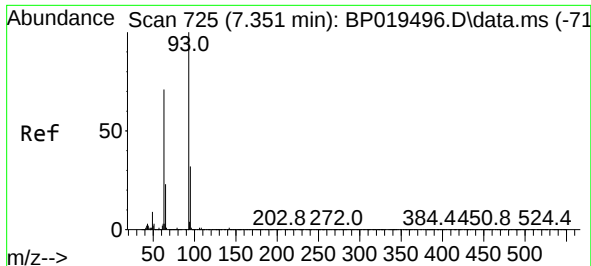
Delta R.T. -0.006 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Tgt Ion: 94	Resp: 365262
Ion Ratio	Lower Upper
94 100	
65 29.5	11.3 51.3
66 45.3	25.1 65.1





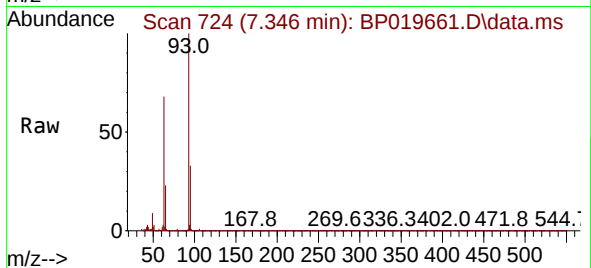
#11
bis(2-Chloroethyl)ether
Concen: 41.877 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS



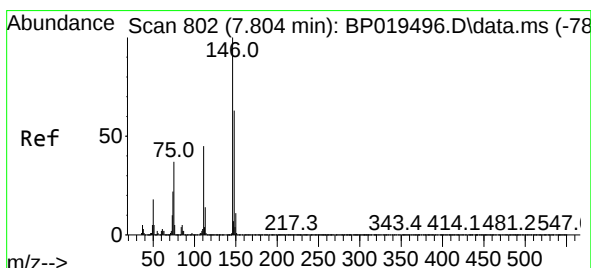
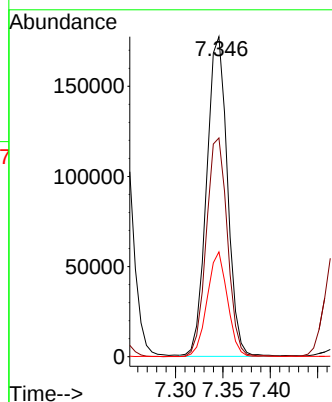
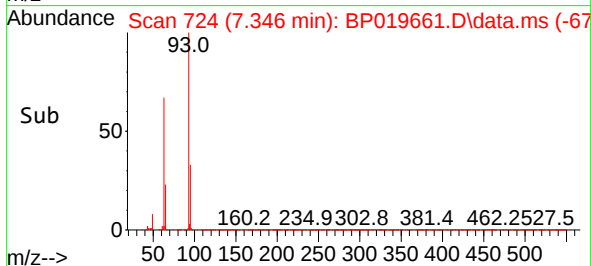
Tgt Ion: 93 Resp: 27127
Ion Ratio Lower Upper
93 100
63 68.3 51.2 91.2
95 32.8 11.8 51.8

Manual Integrations

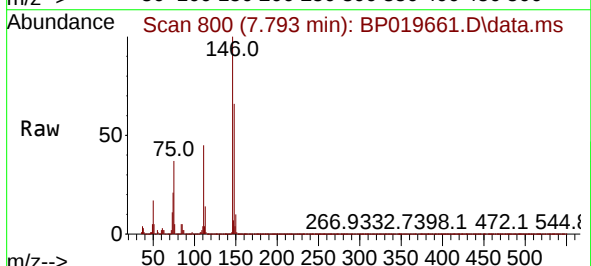
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

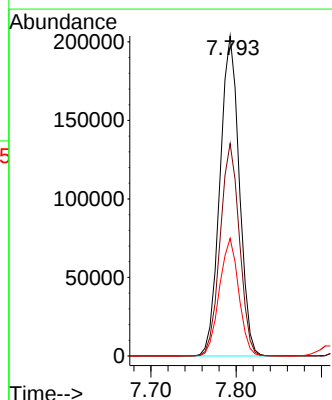
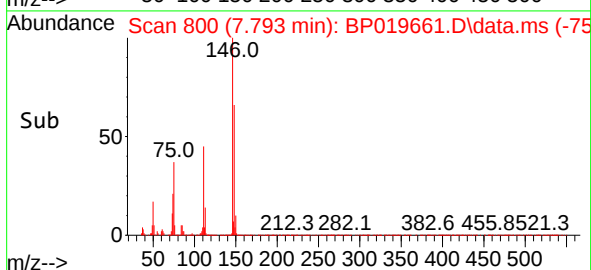
Supervised By :mohammad ahmed 02/14/2024

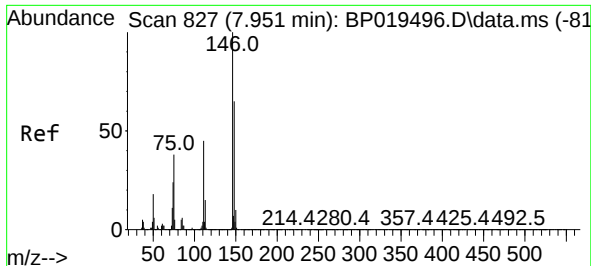


#12
1,3-Dichlorobenzene
Concen: 41.238 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12



Tgt Ion:146 Resp: 320972
Ion Ratio Lower Upper
146 100
148 66.4 50.4 75.6
75 36.8 29.9 44.9





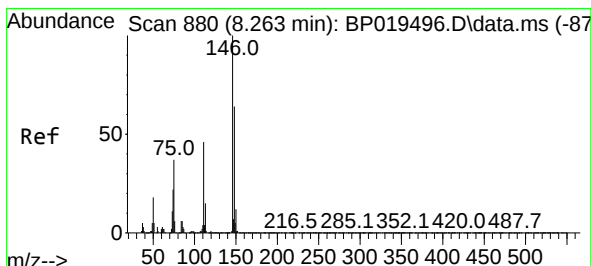
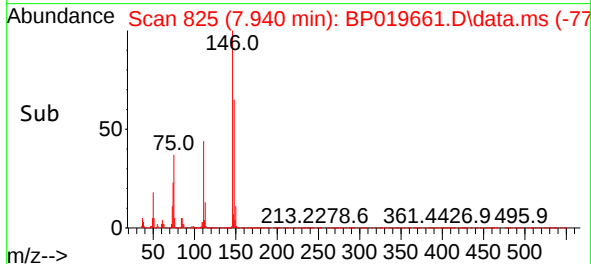
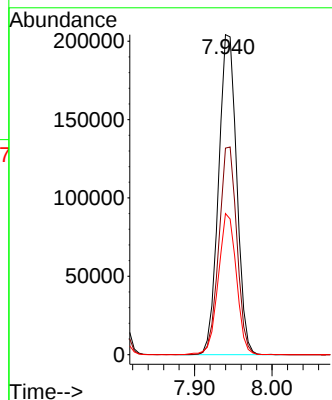
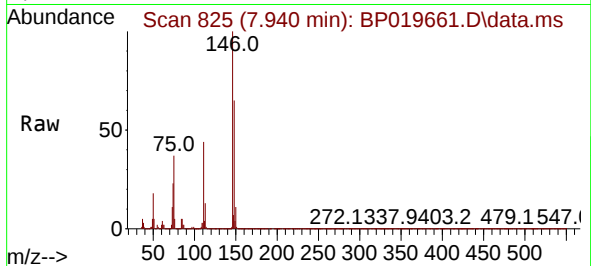
#13
1,4-Dichlorobenzene
Concen: 42.116 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS

Tgt Ion:146 Resp: 332109
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
111 44.1 35.8 53.6

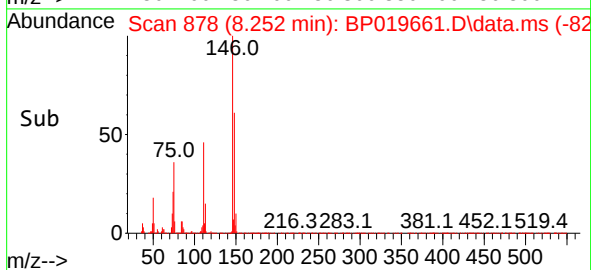
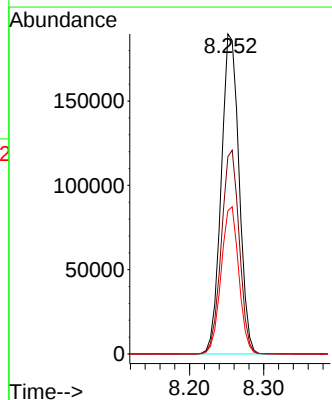
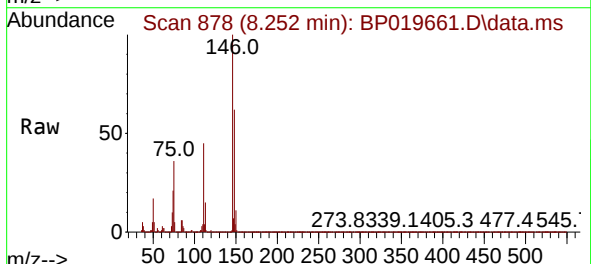
Manual Integrations
APPROVED

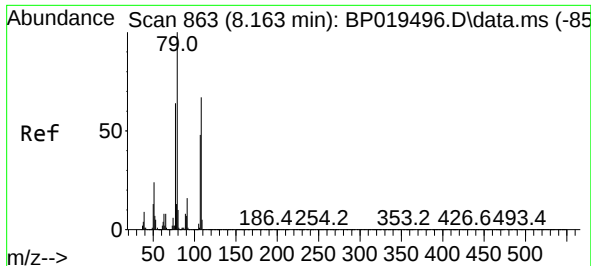
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#14
1,2-Dichlorobenzene
Concen: 41.502 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:146 Resp: 316649
Ion Ratio Lower Upper
146 100
148 61.7 51.4 77.0
111 44.8 37.0 55.6





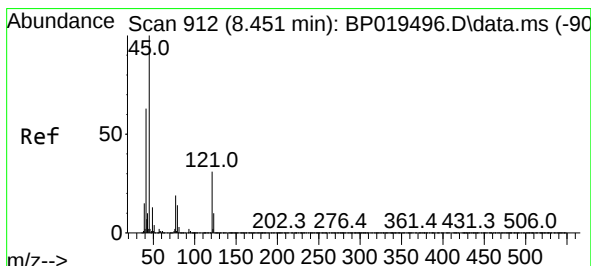
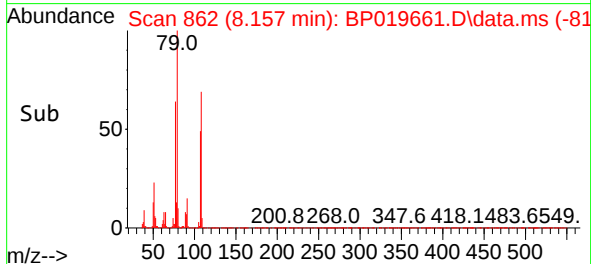
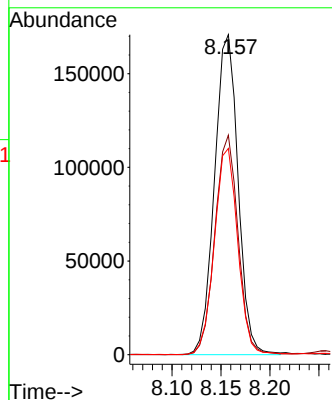
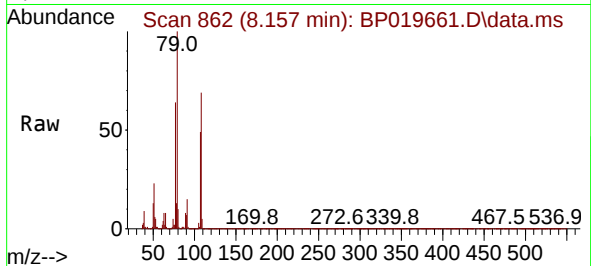
#15
Benzyl Alcohol
Concen: 42.782 ng m
RT: 8.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS

Tgt Ion: 79 Resp: 285569
Ion Ratio Lower Upper
79 100
108 68.6 53.8 80.6
77 64.4 51.3 76.9

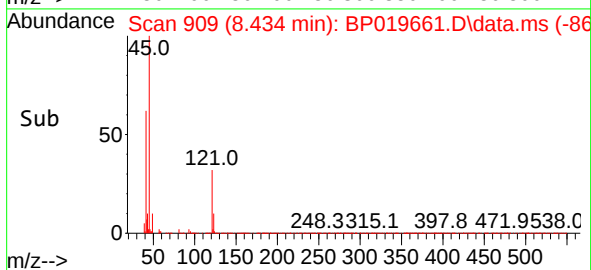
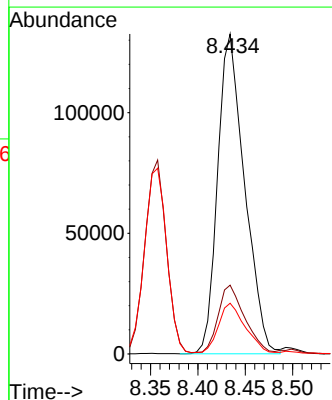
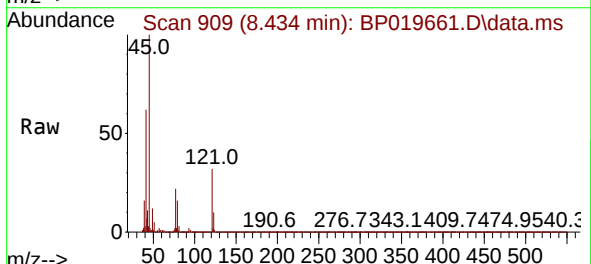
Manual Integrations
APPROVED

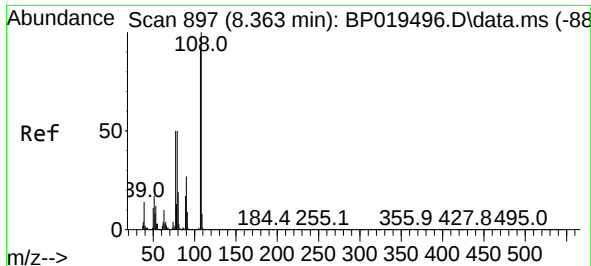
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.587 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.017 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

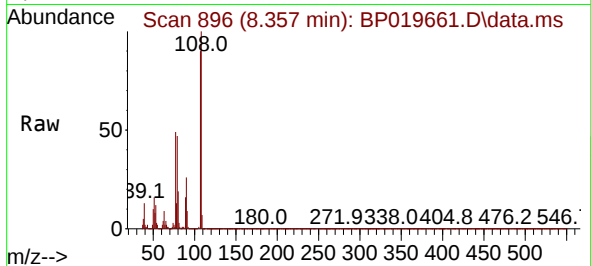
Tgt Ion: 45 Resp: 262913
Ion Ratio Lower Upper
45 100
77 21.5 0.8 40.8
79 15.8 0.0 35.5





#17
2-Methylphenol
Concen: 42.460 ng
RT: 8.357 min Scan# 897
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

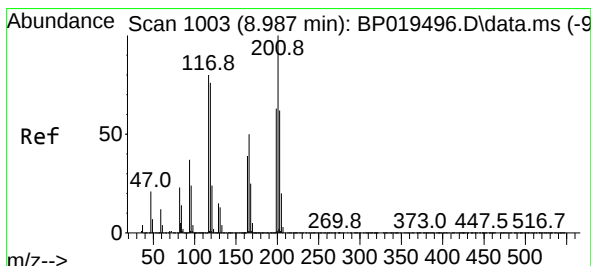
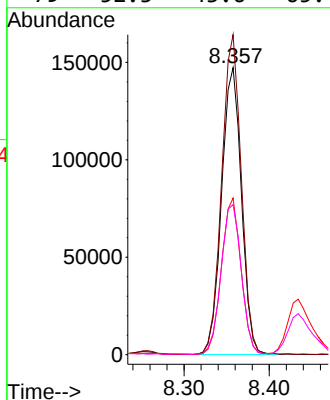
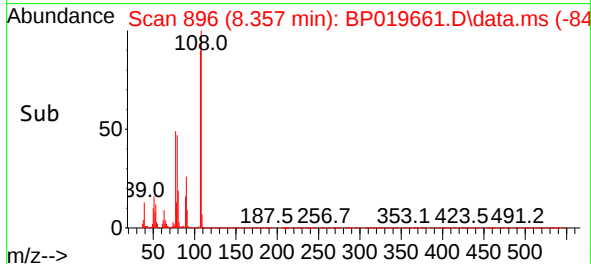
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS



Tgt Ion:107 Resp: 23801
Ion Ratio Lower Upper
107 100
108 111.5 87.0 130.6
77 54.5 43.5 65.3
79 52.3 43.6 65.4

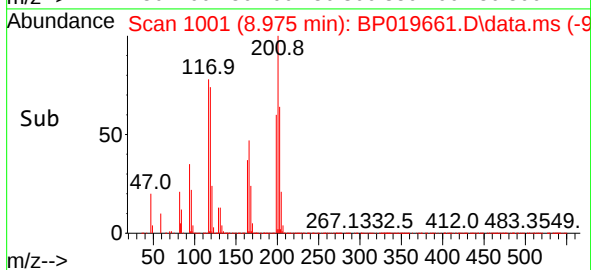
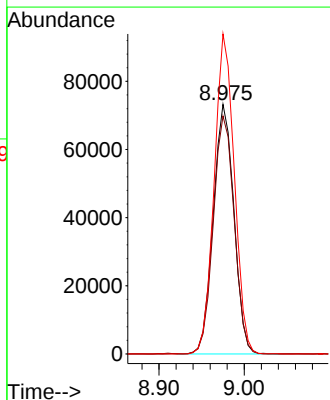
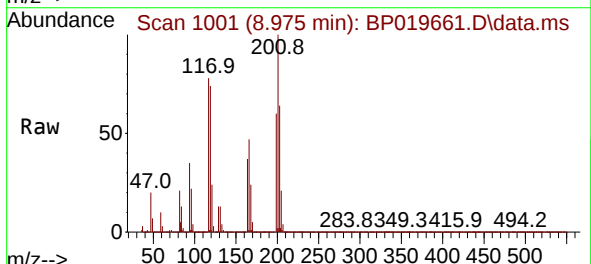
Manual Integrations
APPROVED

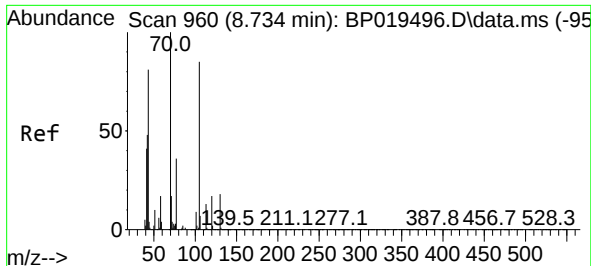
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#18
Hexachloroethane
Concen: 40.443 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:117 Resp: 123616
Ion Ratio Lower Upper
117 100
119 95.3 75.5 113.3
201 128.2 99.4 149.2





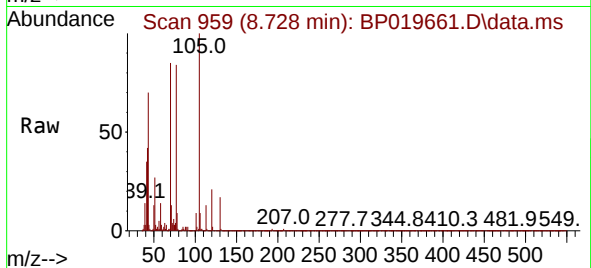
#19
n-Nitroso-di-n-propylamine
Concen: 37.988 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS



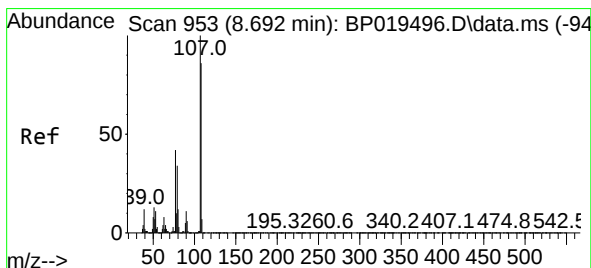
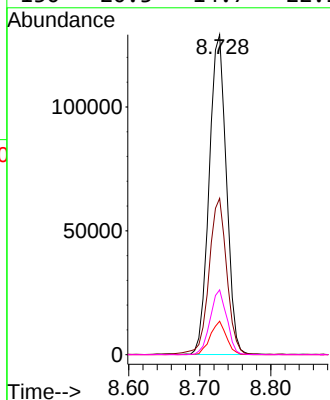
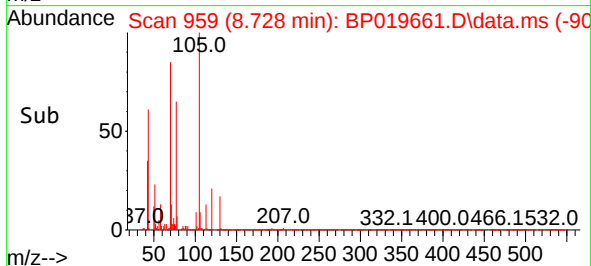
Tgt Ion: 70 Resp: 216760
Ion Ratio Lower Upper
70 100
42 48.8 39.2 58.8
101 10.5 7.3 10.9
130 20.3 14.7 22.1

Manual Integrations

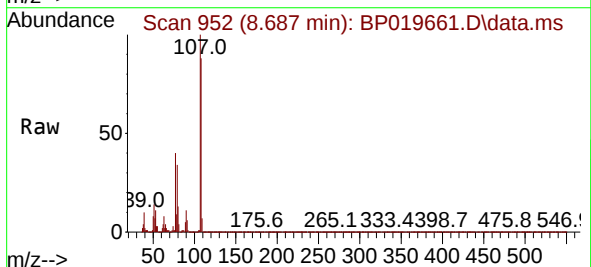
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

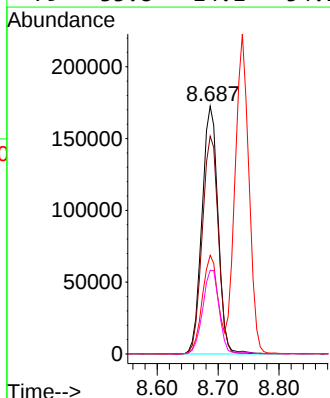
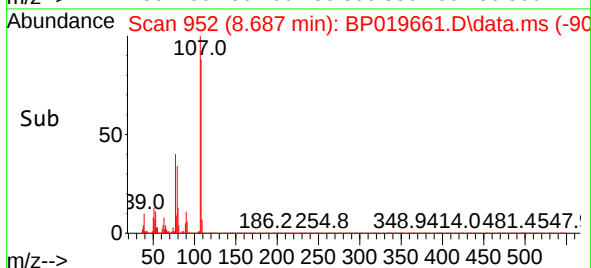
Supervised By :mohammad ahmed 02/14/2024

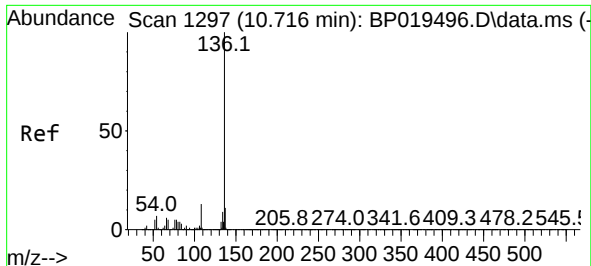


#20
3+4-Methylphenols
Concen: 41.357 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12



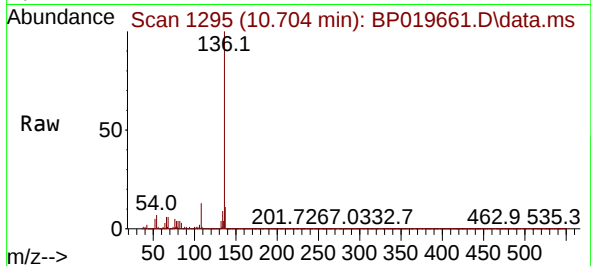
Tgt Ion:107 Resp: 316393
Ion Ratio Lower Upper
107 100
108 87.8 65.5 105.5
77 39.8 21.8 61.8
79 33.8 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

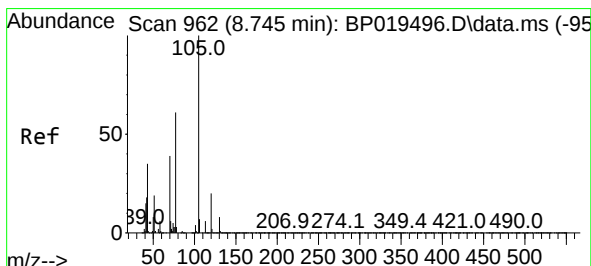
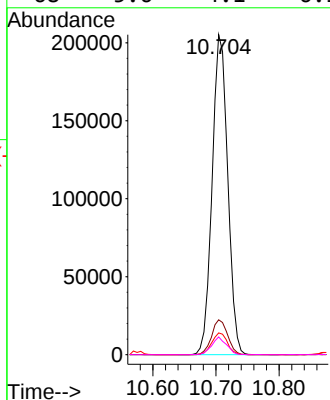
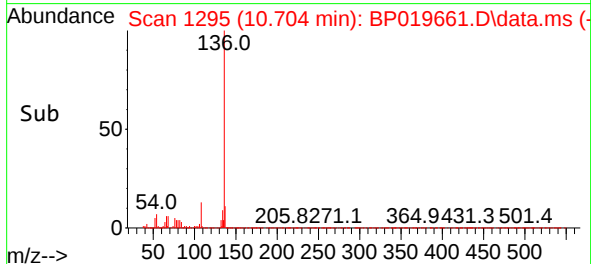
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS



Tgt Ion:	136	Resp:	351259
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	6.8	5.3	7.9
68	5.6	4.1	6.1

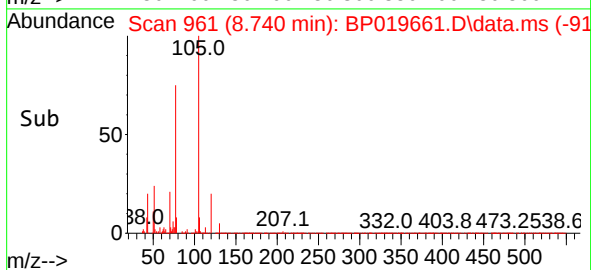
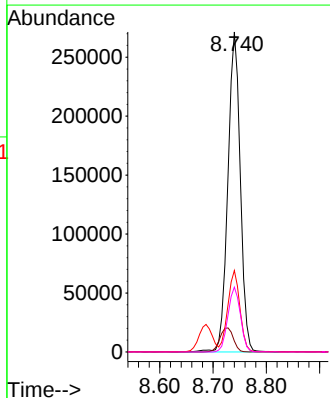
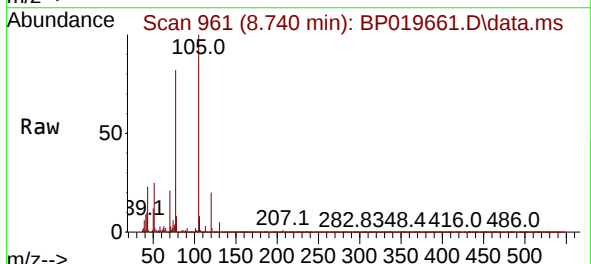
Manual Integrations
APPROVED

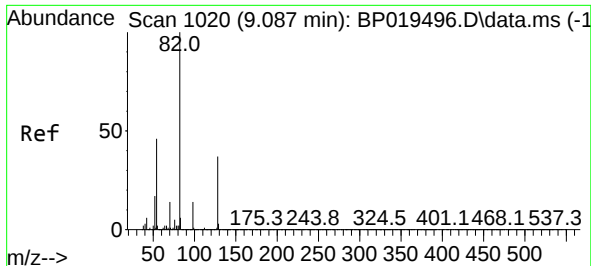
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#22
Acetophenone
Concen: 43.959 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:	105	Resp:	439887
Ion Ratio	Lower	Upper	
105	100		
71	3.4	4.9	7.3#
51	25.4	20.7	31.1
120	20.2	15.8	23.8





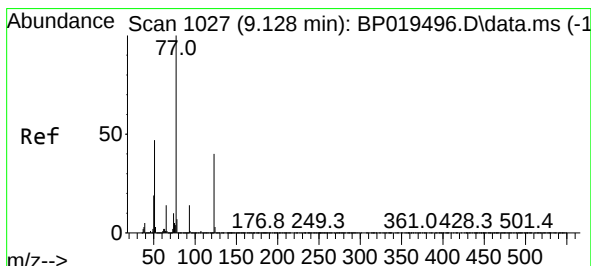
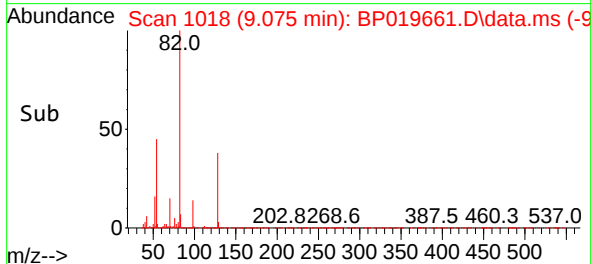
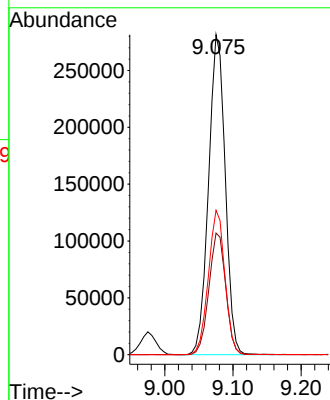
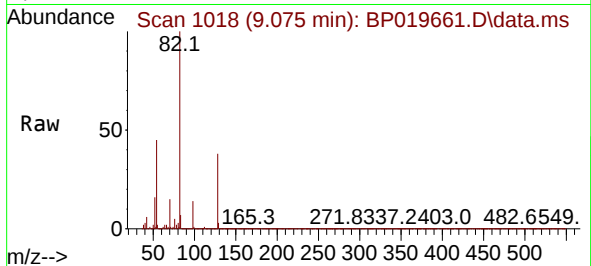
#23
Nitrobenzene-d5
Concen: 59.024 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS

Tgt Ion: 82 Resp: 47847
Ion Ratio Lower Upper
82 100
128 38.0 29.7 44.5
54 45.1 36.8 55.2

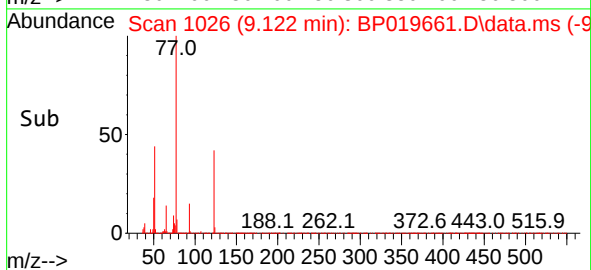
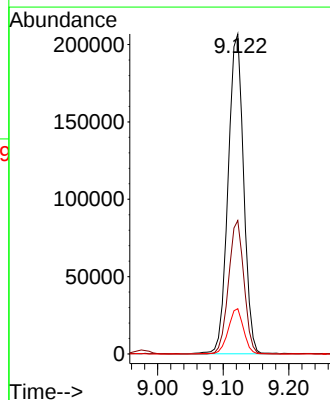
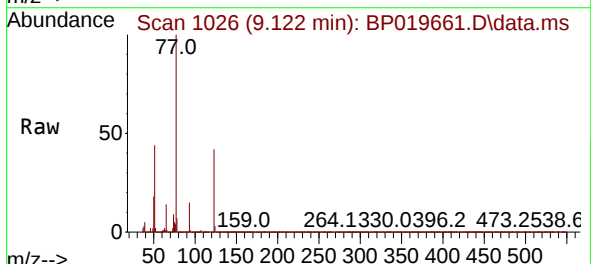
Manual Integrations
APPROVED

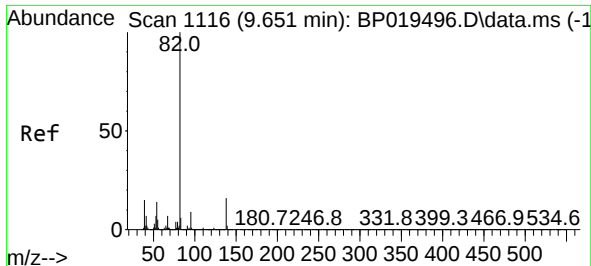
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#24
Nitrobenzene
Concen: 41.564 ng
RT: 9.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion: 77 Resp: 339238
Ion Ratio Lower Upper
77 100
123 41.7 32.3 48.5
65 14.2 11.6 17.4





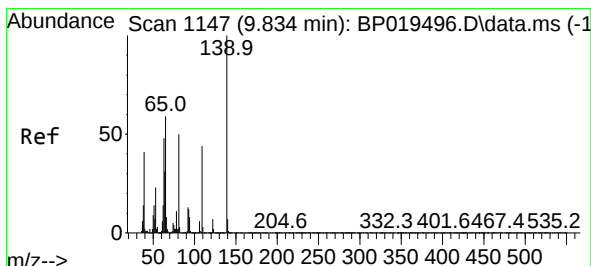
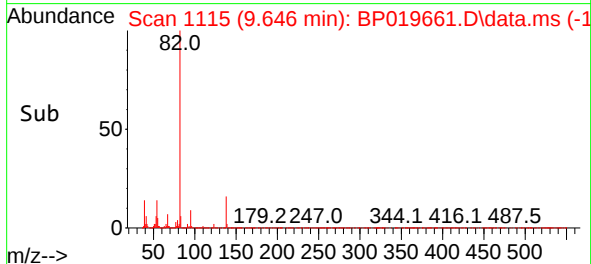
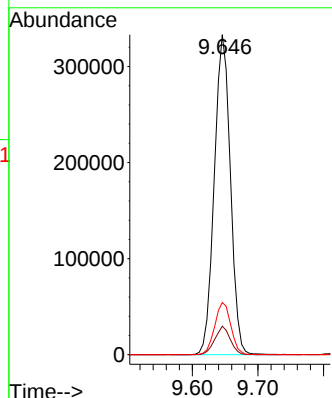
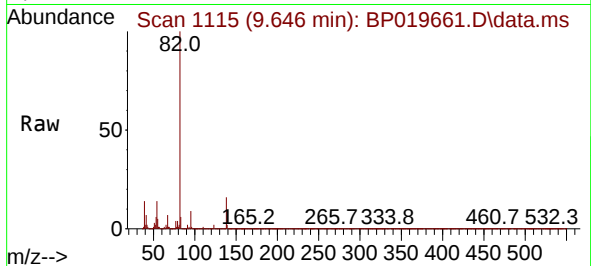
#25
Isophorone
Concen: 40.116 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS

Tgt Ion: 82 Resp: 56634
Ion Ratio Lower Upper
82 100
95 8.9 7.0 10.4
138 16.3 13.1 19.7

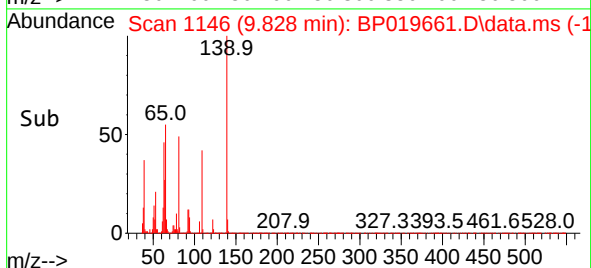
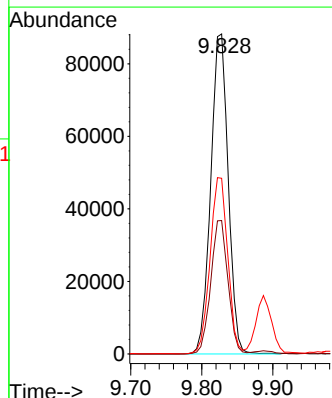
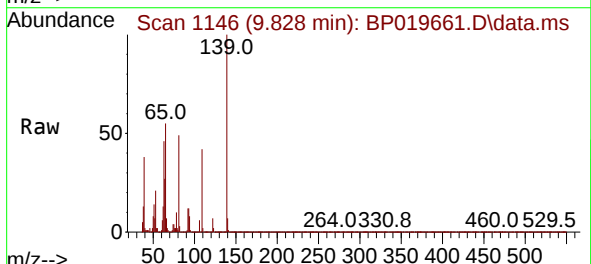
Manual Integrations
APPROVED

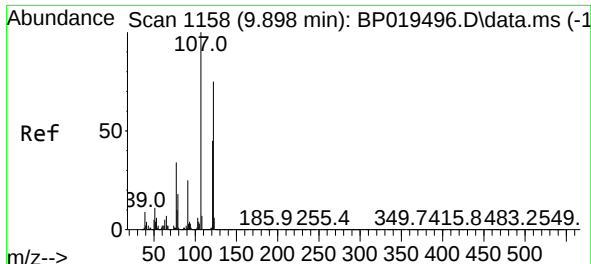
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#26
2-Nitrophenol
Concen: 48.363 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:139 Resp: 150509
Ion Ratio Lower Upper
139 100
109 41.7 34.9 52.3
65 54.9 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 50.193 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

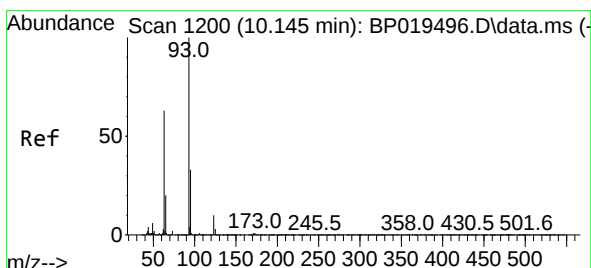
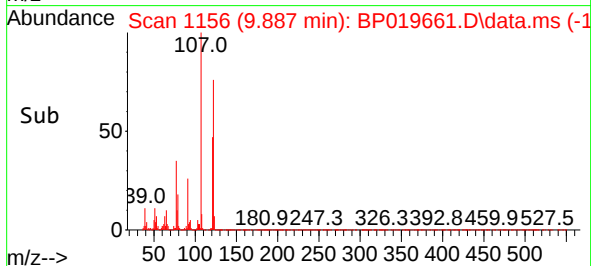
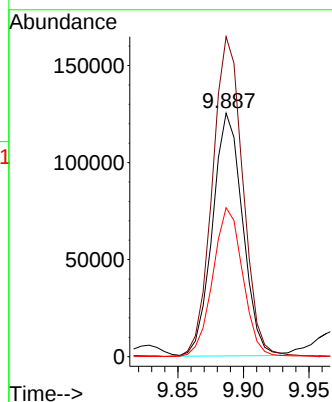
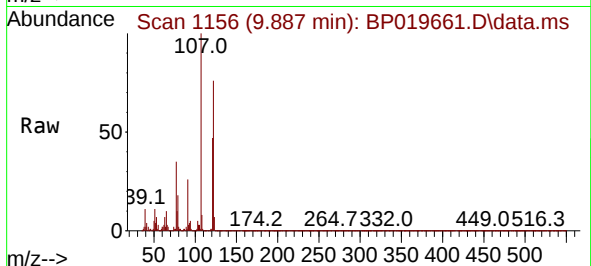
SB-3(4-5)MS

Tgt Ion:122 Resp: 199730
Ion Ratio Lower Upper
122 100
107 131.4 105.9 158.9
121 61.1 47.5 71.3

Manual Integrations

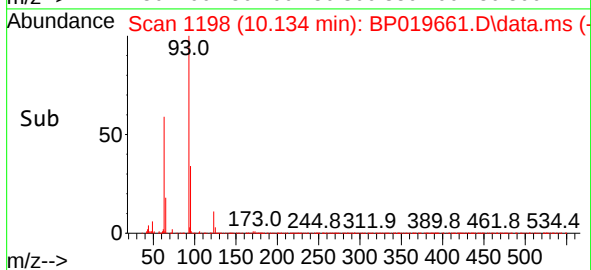
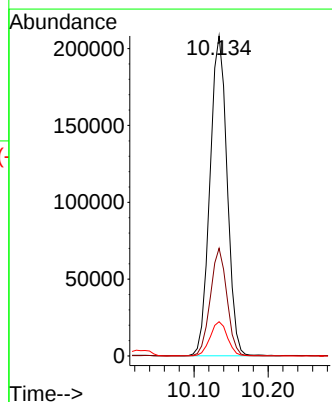
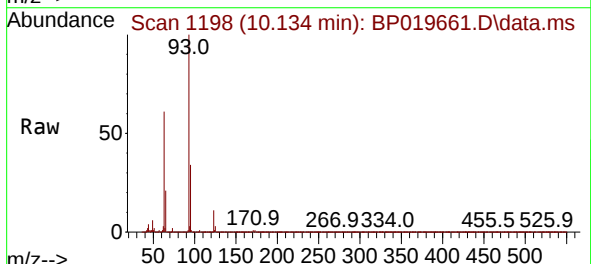
APPROVED

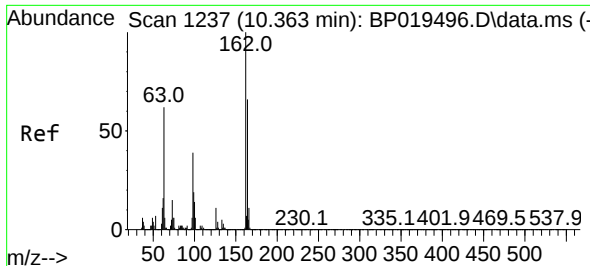
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.920 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

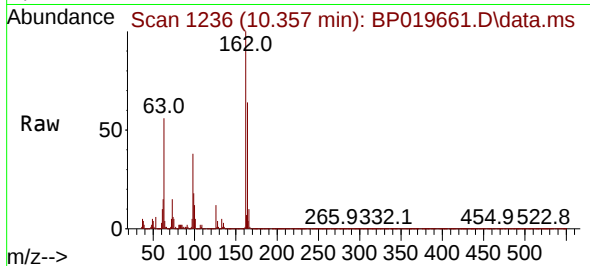
Tgt Ion: 93 Resp: 334844
Ion Ratio Lower Upper
93 100
95 33.7 26.2 39.4
123 10.7 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 44.579 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

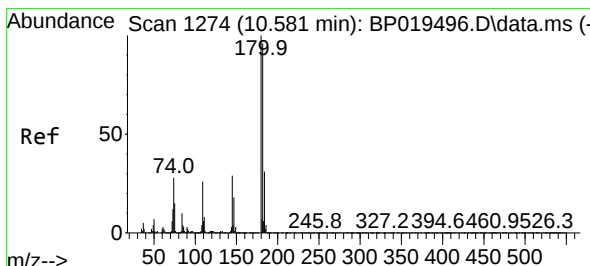
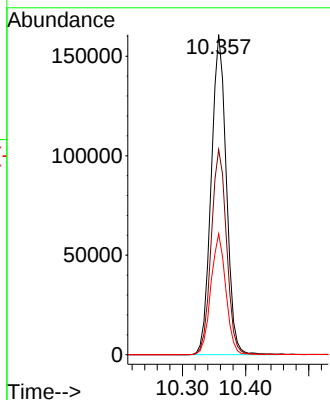
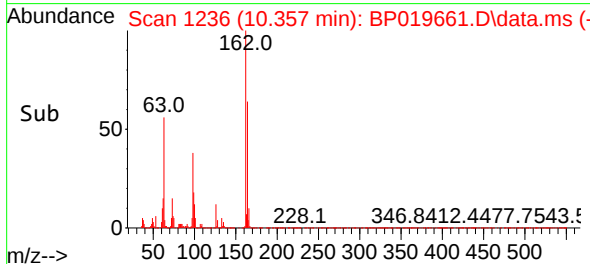
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS



Tgt Ion:162 Resp: 268160
Ion Ratio Lower Upper
162 100
164 64.1 46.0 86.0
98 37.8 18.7 58.7

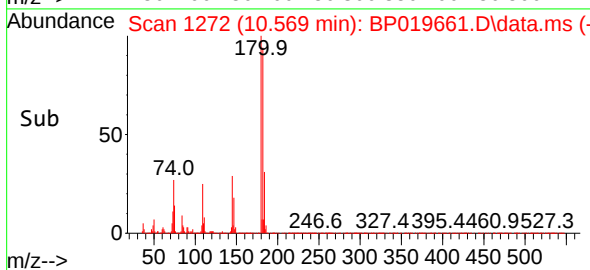
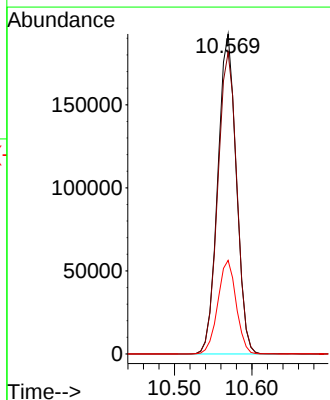
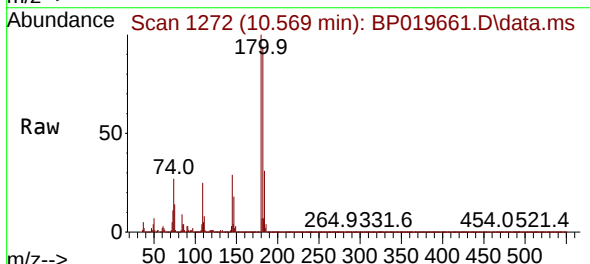
Manual Integrations
APPROVED

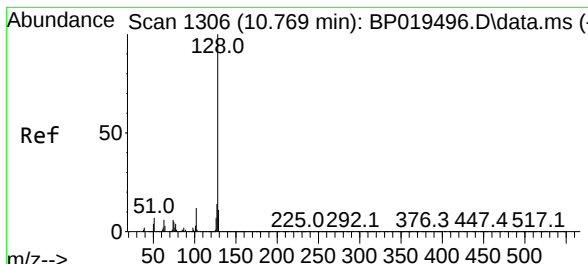
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.278 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:180 Resp: 319204
Ion Ratio Lower Upper
180 100
182 94.2 77.0 115.6
145 29.2 23.2 34.8



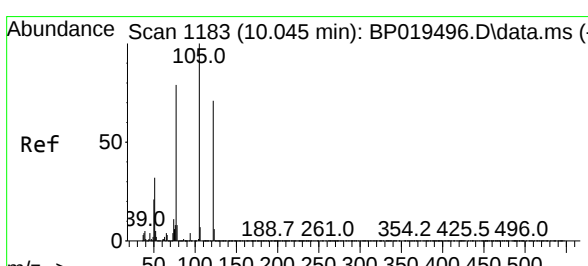
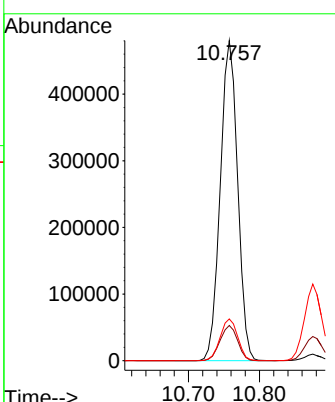
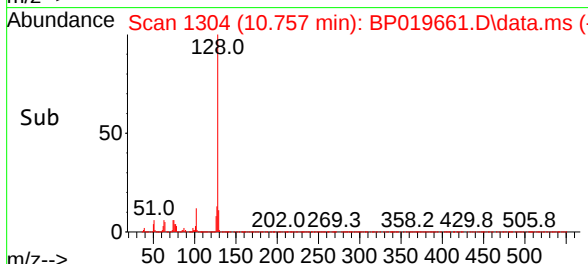
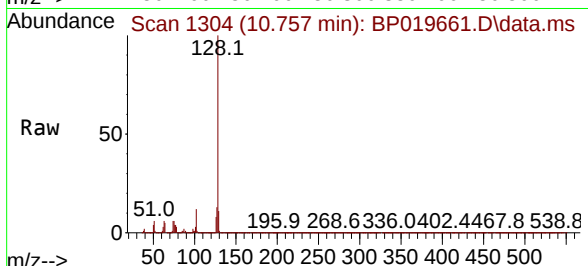


#31
Naphthalene
Concen: 42.231 ng
RT: 10.757 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument : BNA_P
ClientSampleId : SB-3(4-5)MS

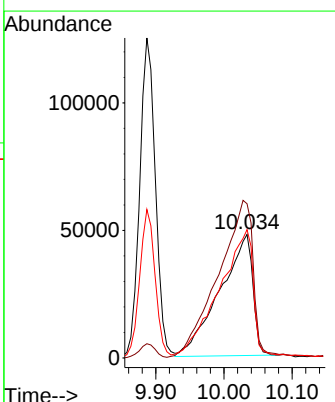
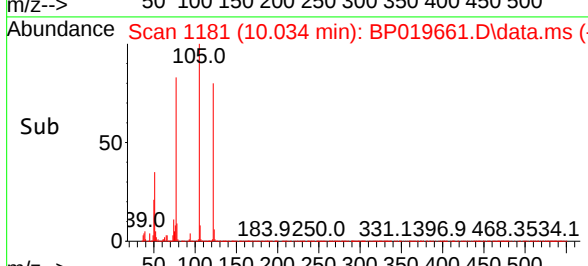
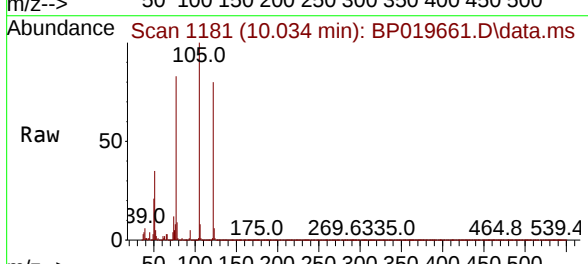
Tgt Ion:	128	Resp:	81358
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	13.0
127	13.1	10.8	16.2

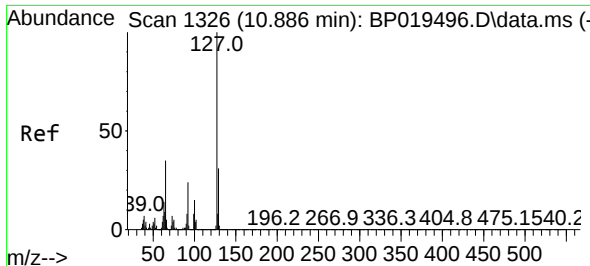
Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#32
Benzoic acid
Concen: 41.070 ng
RT: 10.034 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:	122	Resp:	159232
Ion Ratio	Lower	Upper	
122	100		
105	124.8	118.8	158.8
77	103.8	91.7	131.7





#33
4-Chloroaniline
Concen: 27.745 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

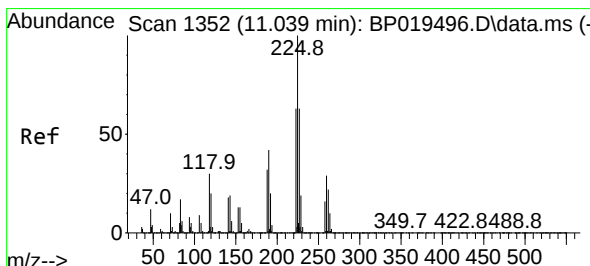
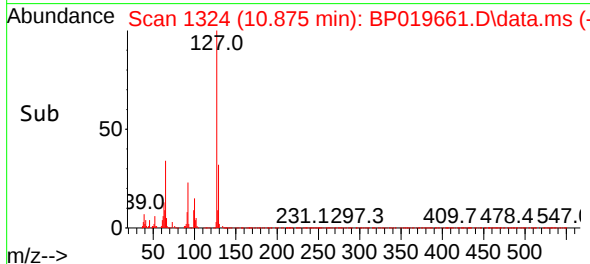
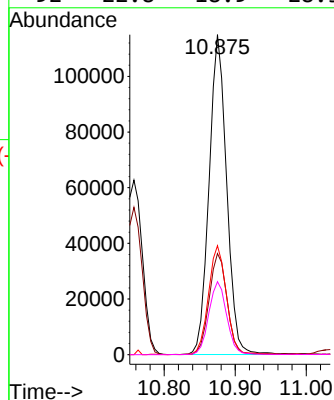
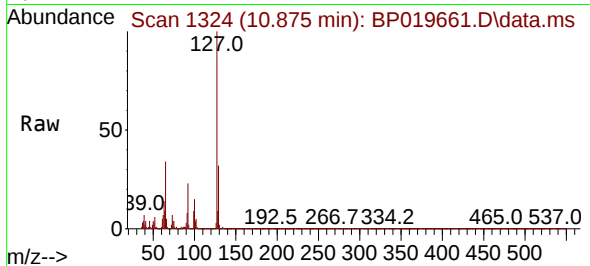
ClientSampleId :

SB-3(4-5)MS

Tgt Ion:127 Resp: 19767
Ion Ratio Lower Upper
127 100
129 31.6 24.6 36.8
65 34.1 28.2 42.4
92 22.8 18.9 28.3

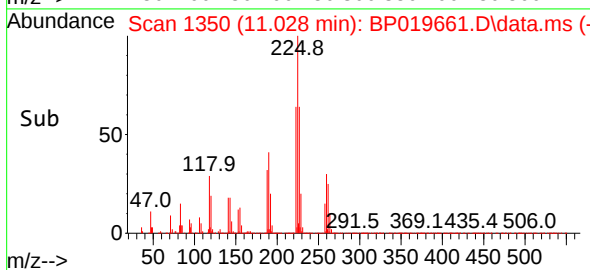
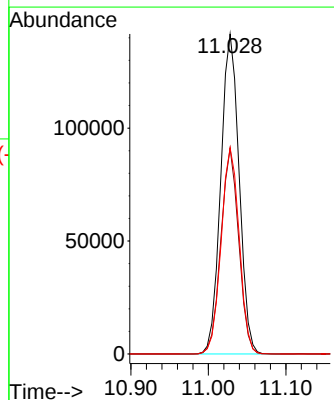
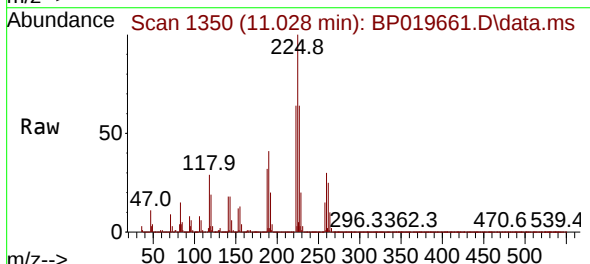
Manual Integrations
APPROVED

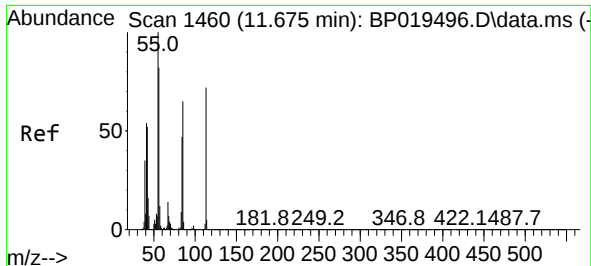
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#34
Hexachlorobutadiene
Concen: 42.606 ng
RT: 11.028 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

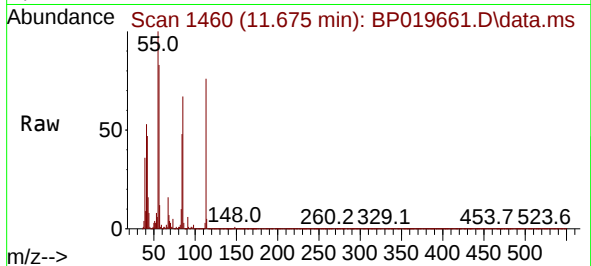
Tgt Ion:225 Resp: 232871
Ion Ratio Lower Upper
225 100
223 64.2 50.5 75.7
227 64.5 50.2 75.2





#35
Caprolactam
Concen: 36.376 ng
RT: 11.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

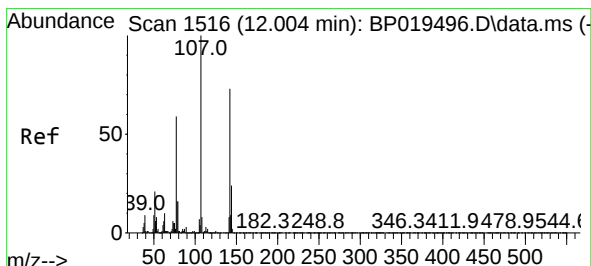
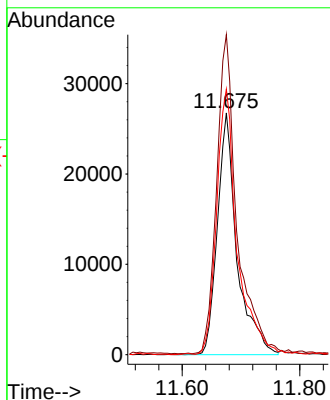
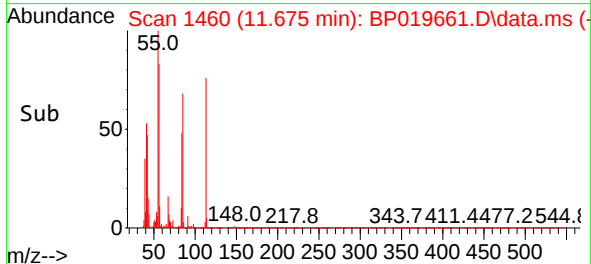
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS



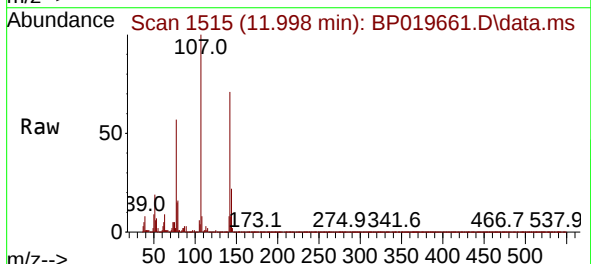
Tgt Ion:113 Resp: 61945
Ion Ratio Lower Upper
113 100
55 132.4 120.0 160.0
56 109.9 94.0 134.0

Manual Integrations
APPROVED

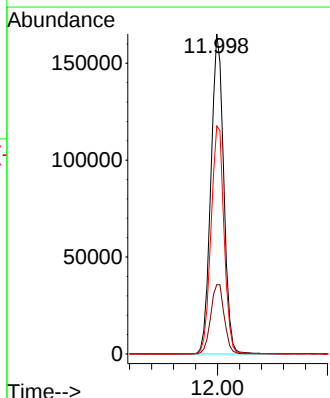
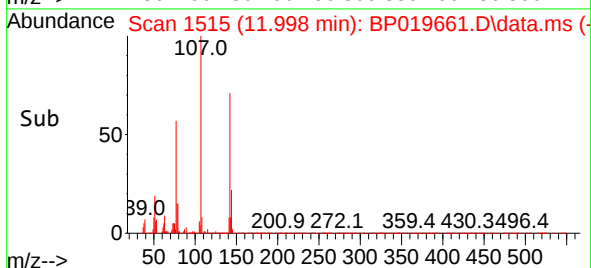
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

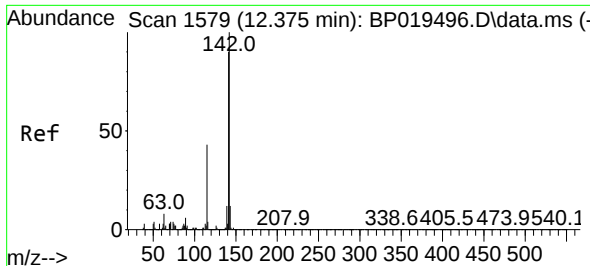


#36
4-Chloro-3-methylphenol
Concen: 40.701 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12



Tgt Ion:107 Resp: 266961
Ion Ratio Lower Upper
107 100
144 21.6 19.0 28.4
142 71.3 58.6 88.0





#37
2-Methylnaphthalene
Concen: 40.619 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS

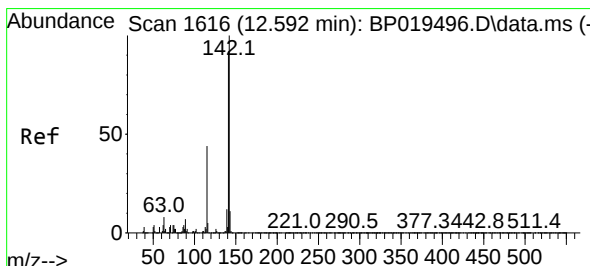
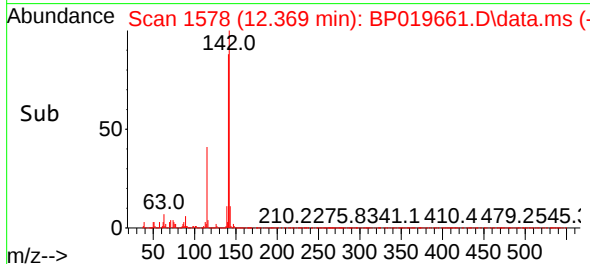
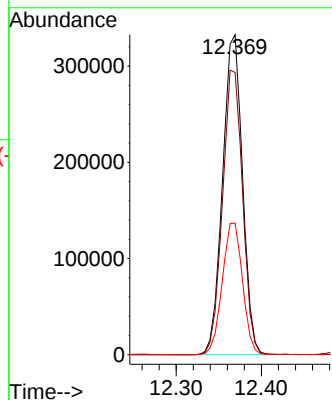
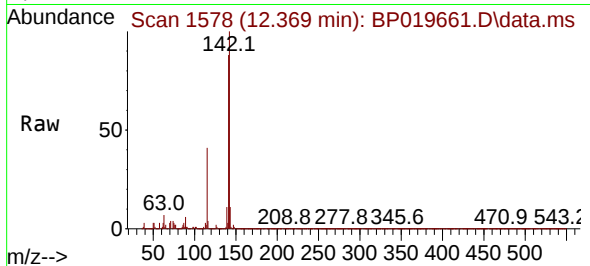
Tgt Ion:142 Resp: 541540
Ion Ratio Lower Upper
142 100
141 88.2 72.2 108.4
115 41.1 34.2 51.2

Manual Integrations

APPROVED

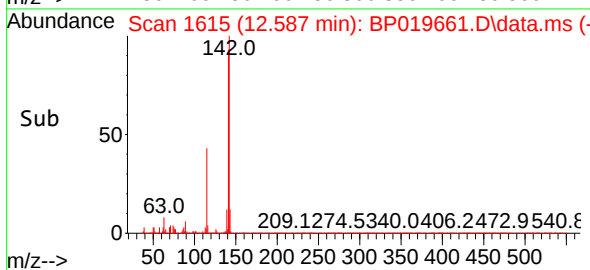
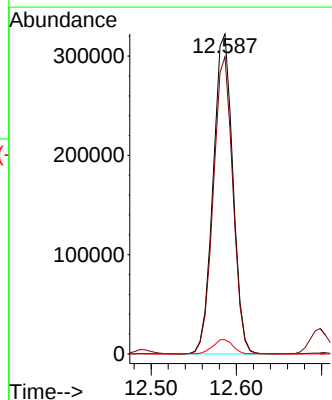
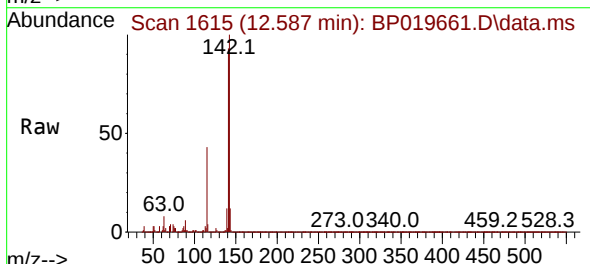
Reviewed By :Yogesh Patel 02/14/2024

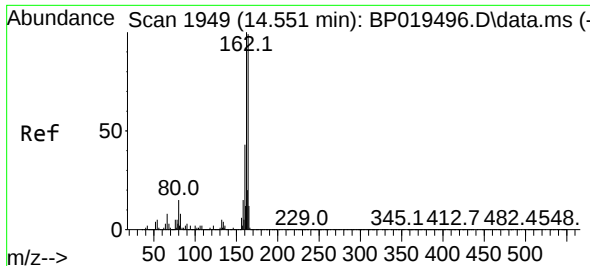
Supervised By :mohammad ahmed 02/14/2024



#38
1-Methylnaphthalene
Concen: 39.510 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:142 Resp: 517654
Ion Ratio Lower Upper
142 100
141 92.9 74.0 111.0
116 4.4 3.7 5.5





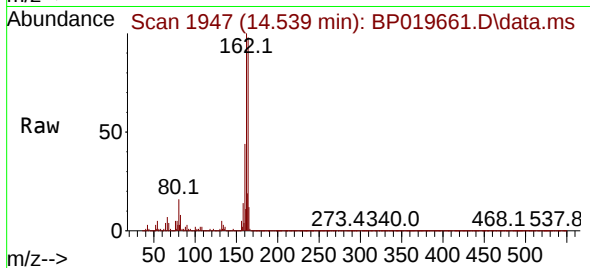
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS



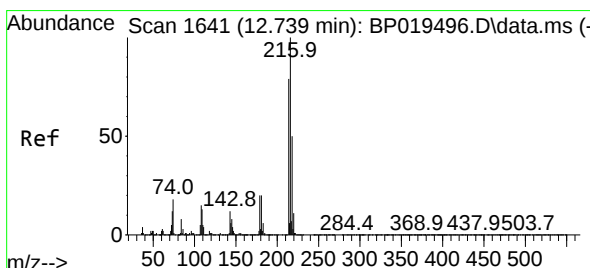
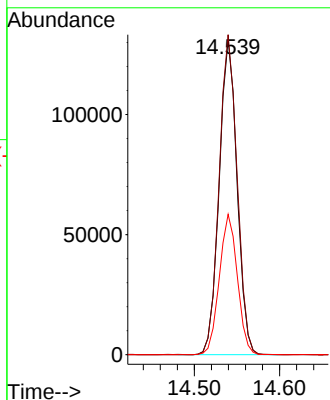
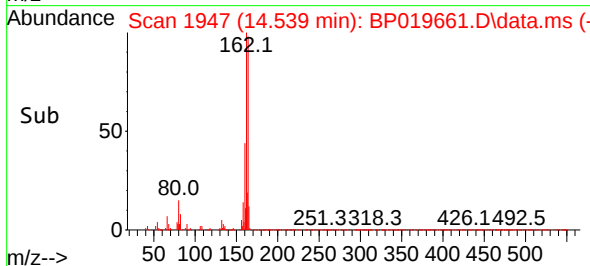
Tgt Ion:164 Resp: 19086
Ion Ratio Lower Upper
164 100
162 101.7 81.2 121.8
160 44.6 35.1 52.7

Manual Integrations

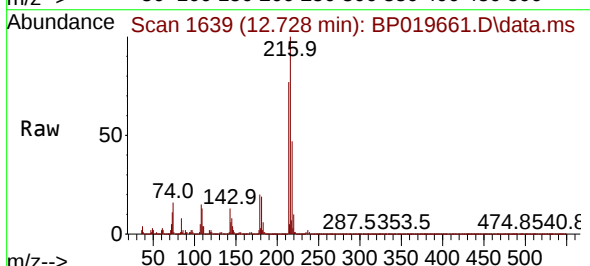
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

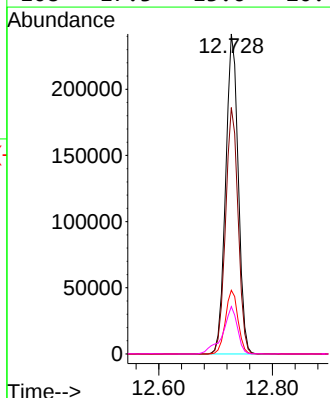
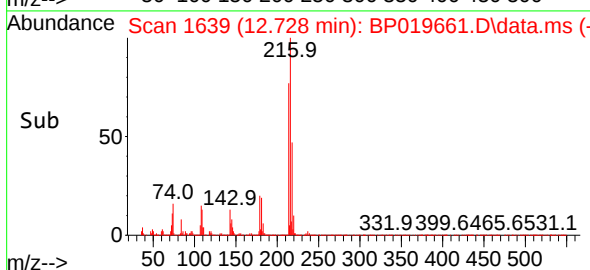
Supervised By :mohammad ahmed 02/14/2024

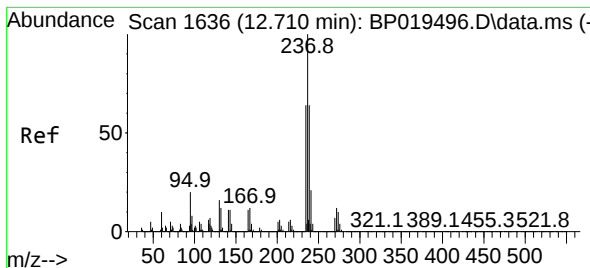


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.500 ng
RT: 12.728 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12



Tgt Ion:216 Resp: 371736
Ion Ratio Lower Upper
216 100
214 77.0 62.8 94.2
179 19.9 16.6 24.8
108 17.3 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 117.585 ng

RT: 12.698 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS

Tgt Ion:237 Resp: 39101

Ion Ratio Lower Upper

237 100

235 62.3 43.7 83.7

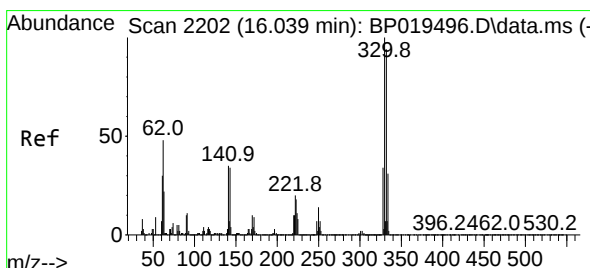
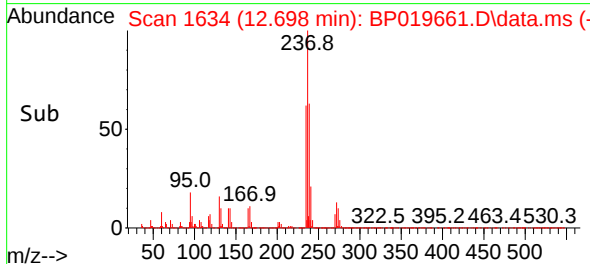
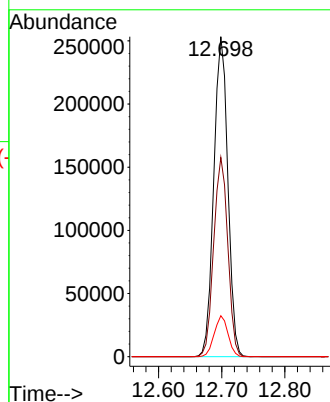
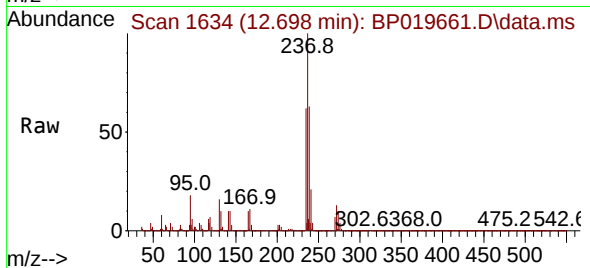
272 12.8 0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#42

2,4,6-Tribromophenol

Concen: 87.686 ng

RT: 16.034 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

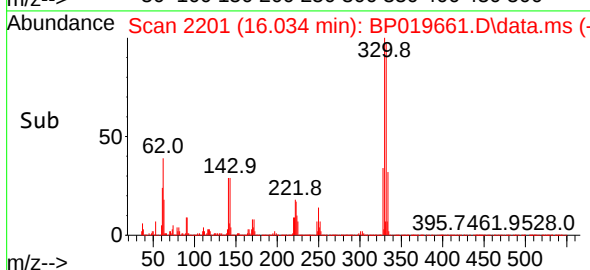
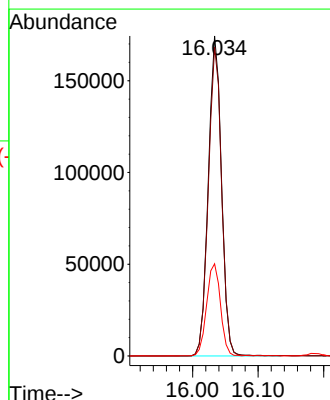
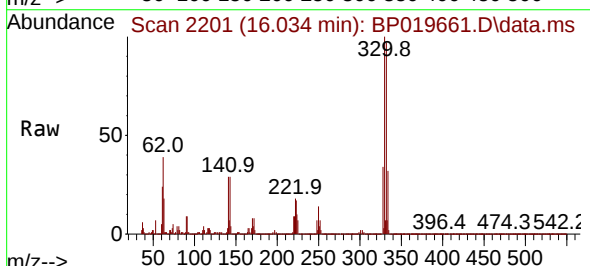
Tgt Ion:330 Resp: 244362

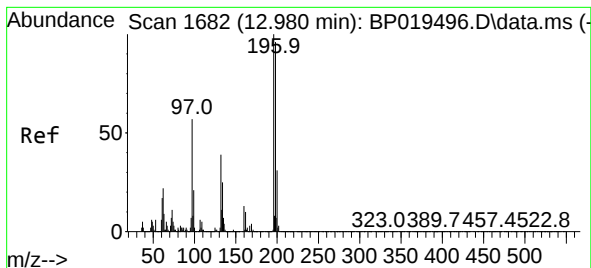
Ion Ratio Lower Upper

330 100

332 97.3 77.2 115.8

141 30.3 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 48.043 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS

Tgt Ion:196 Resp: 21414

Ion Ratio Lower Upper

196 100

198 97.1 76.7 115.1

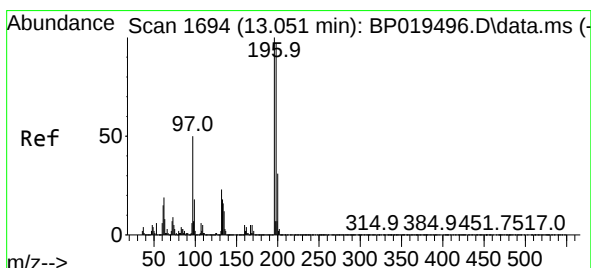
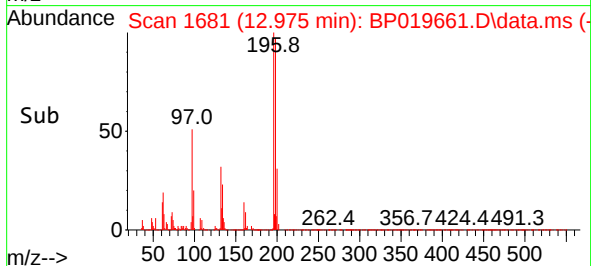
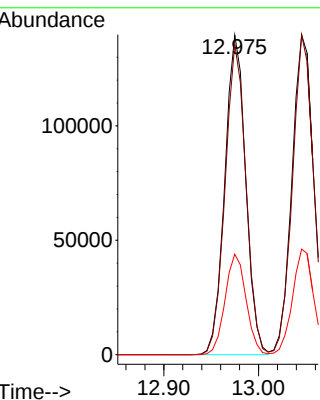
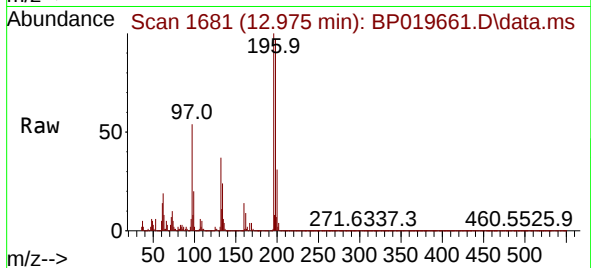
200 31.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#44

2,4,5-Trichlorophenol

Concen: 45.745 ng

RT: 13.045 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Tgt Ion:196 Resp: 223897

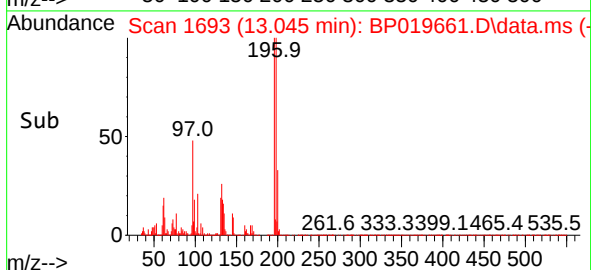
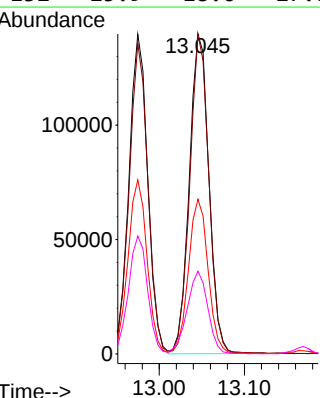
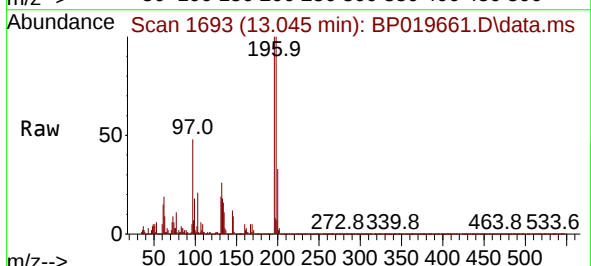
Ion Ratio Lower Upper

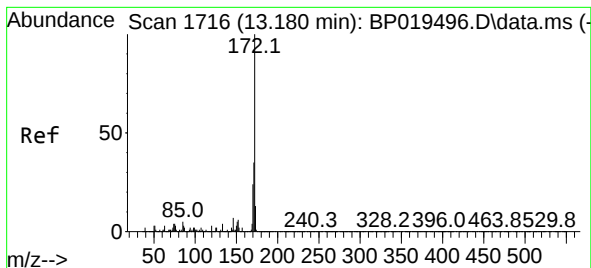
196 100

198 100.1 77.5 116.3

97 48.4 39.9 59.9

132 25.9 18.6 27.8





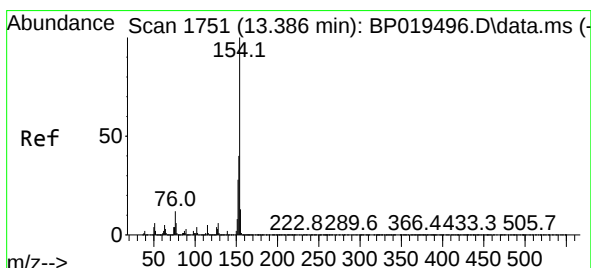
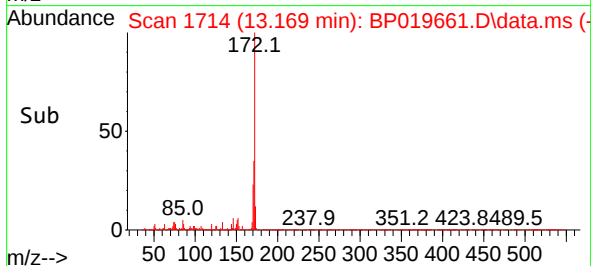
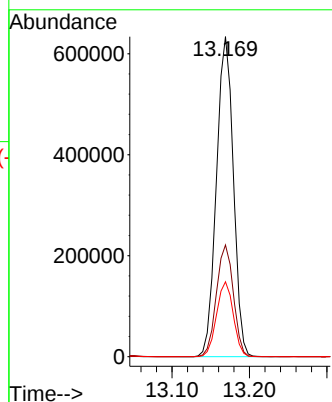
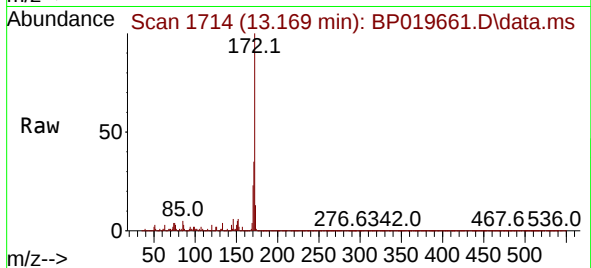
#45
2-Fluorobiphenyl
Concen: 62.223 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS

Tgt Ion:172 Resp: 96069
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.4 18.9 28.3

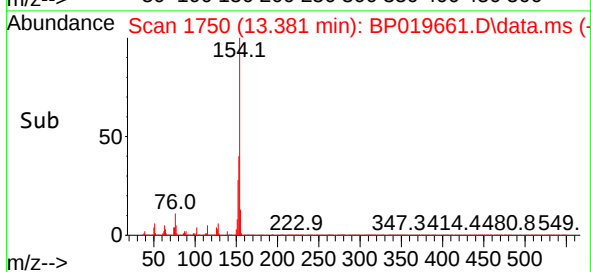
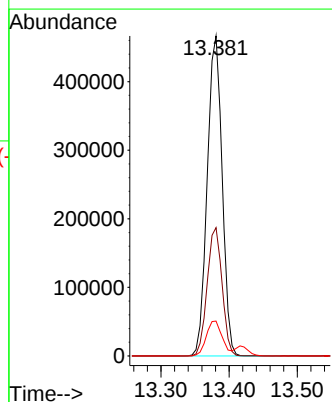
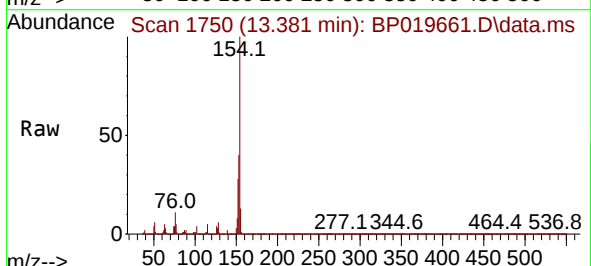
Manual Integrations
APPROVED

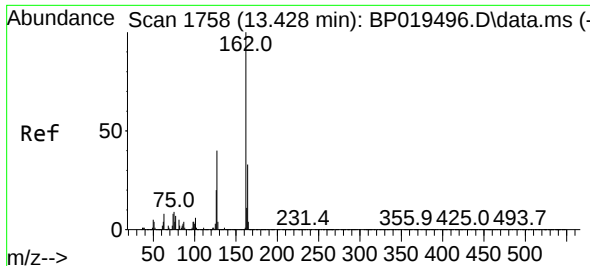
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#46
1,1'-Biphenyl
Concen: 46.556 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:154 Resp: 709224
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 10.9 0.0 31.6





#47

2-Chloronaphthalene

Concen: 45.530 ng

RT: 13.416 min Scan# 1756

Delta R.T. -0.012 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS

Tgt Ion:162 Resp: 56936

Ion Ratio Lower Upper

162 100

127 38.8 32.1 48.1

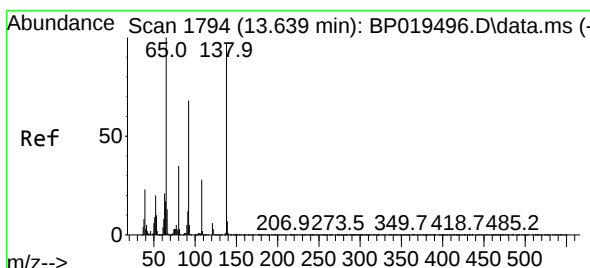
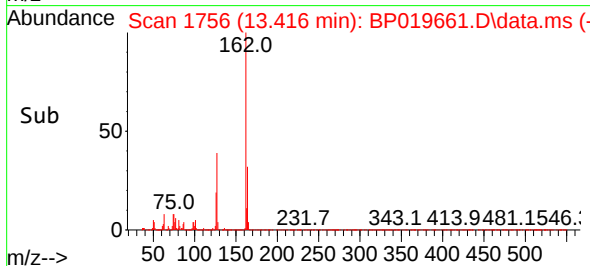
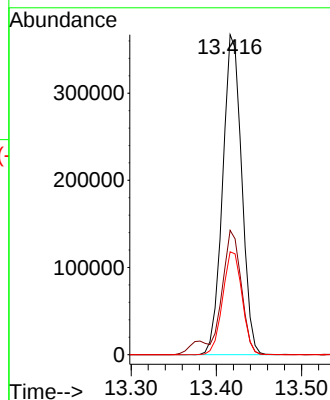
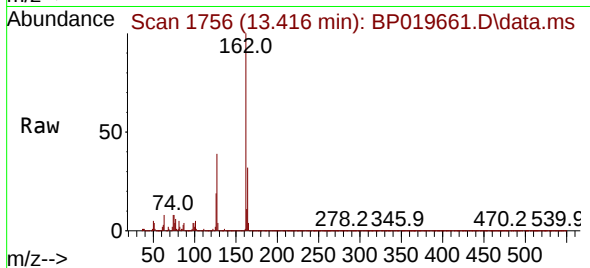
164 32.2 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#48

2-Nitroaniline

Concen: 43.051 ng

RT: 13.628 min Scan# 1792

Delta R.T. -0.012 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

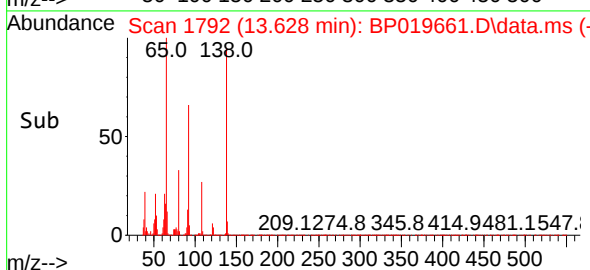
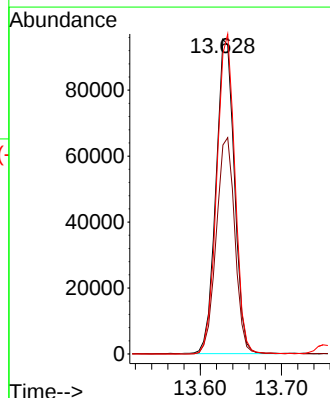
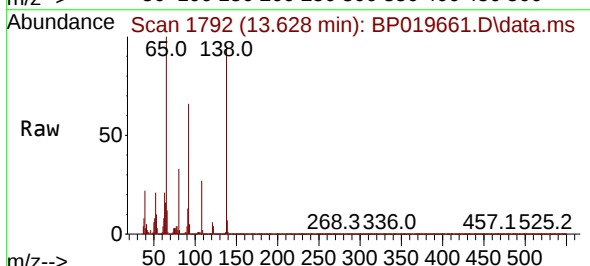
Tgt Ion: 65 Resp: 150537

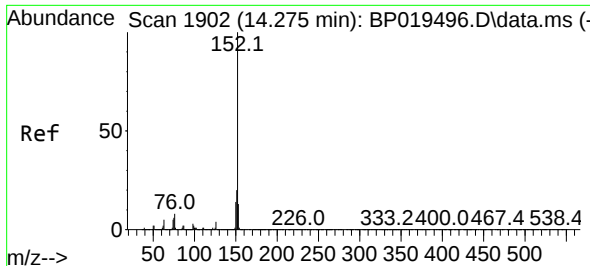
Ion Ratio Lower Upper

65 100

92 66.4 54.7 82.1

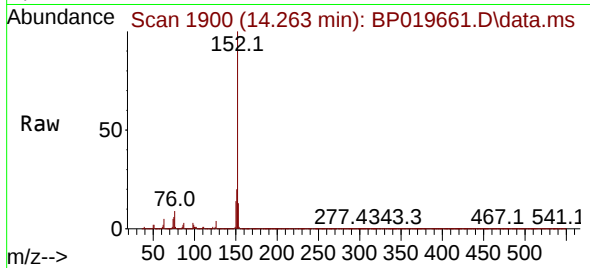
138 95.4 77.8 116.6





#49
Acenaphthylene
Concen: 47.799 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

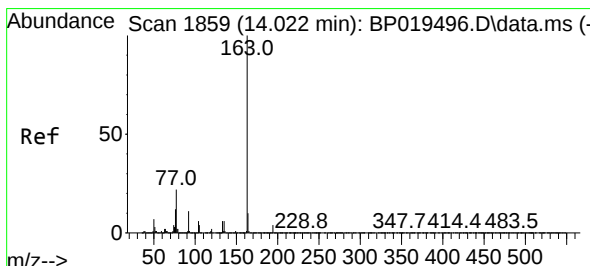
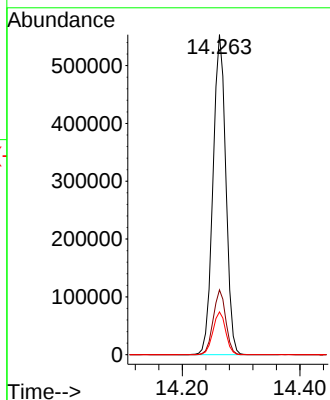
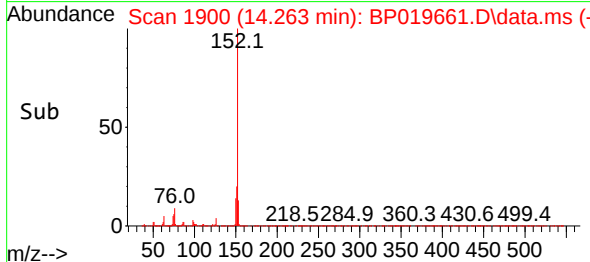
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS



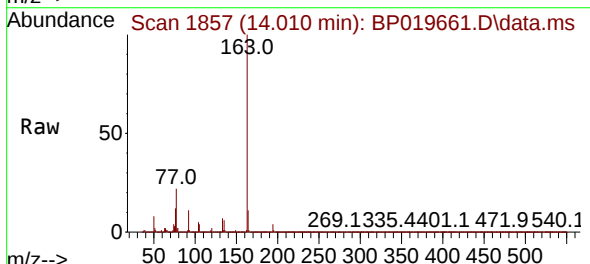
Tgt Ion:152 Resp: 838599
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 13.4 10.6 15.8

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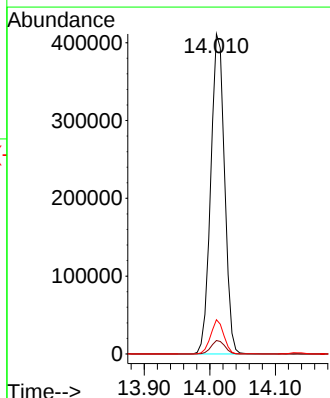
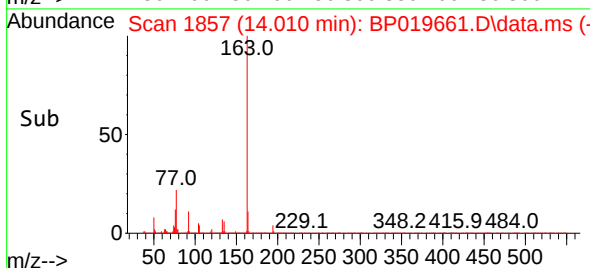
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

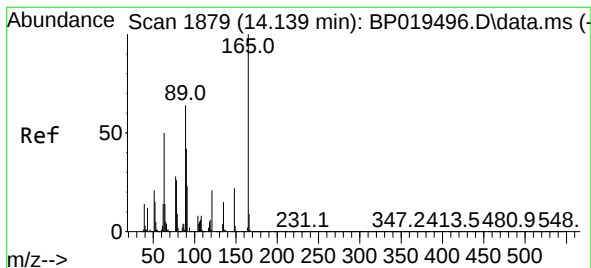


#50
Dimethylphthalate
Concen: 41.163 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12



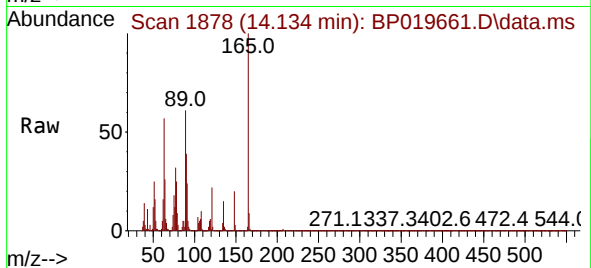
Tgt Ion:163 Resp: 601453
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.7 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 41.048 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

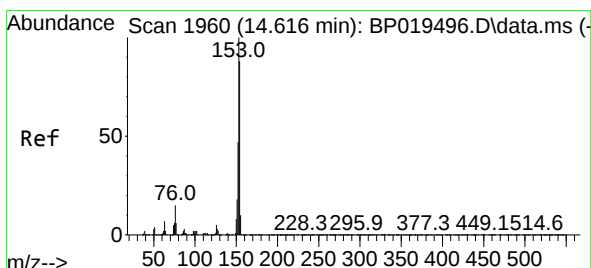
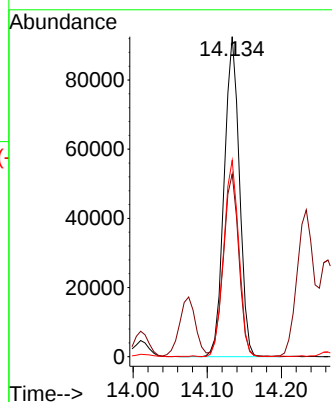
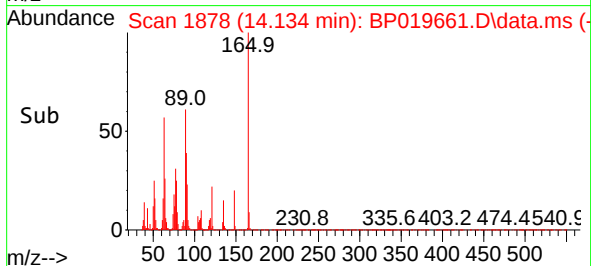
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS



Tgt Ion:165 Resp: 13177
Ion Ratio Lower Upper
165 100
63 57.1 50.4 75.6
89 61.4 51.7 77.5

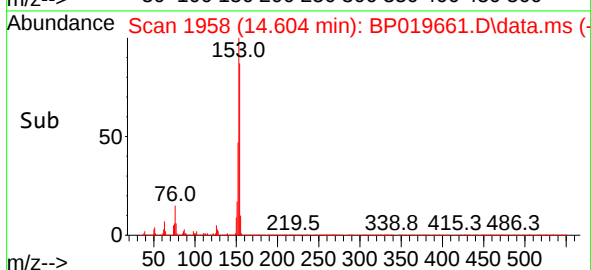
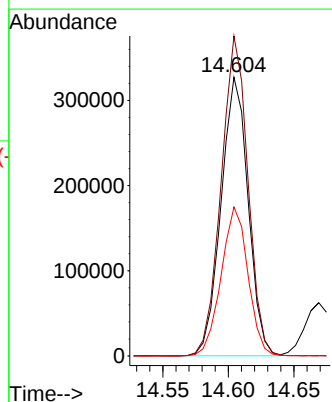
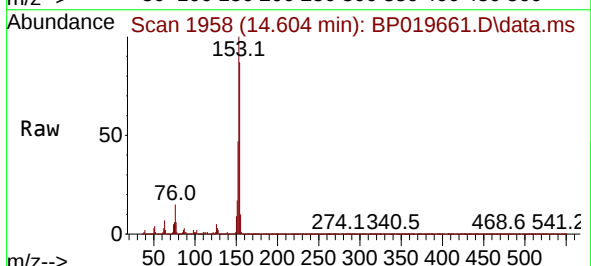
Manual Integrations
APPROVED

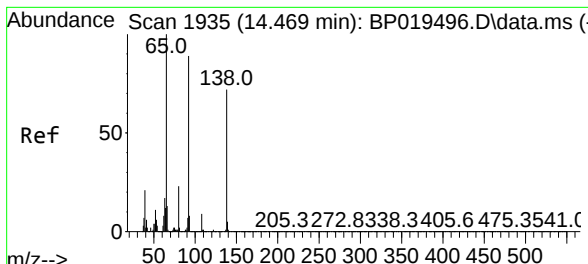
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#52
Acenaphthene
Concen: 43.146 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:154 Resp: 469812
Ion Ratio Lower Upper
154 100
153 114.8 90.5 135.7
152 53.5 42.1 63.1





#53
3-Nitroaniline
Concen: 30.709 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

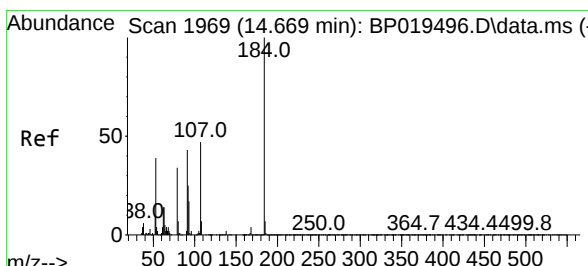
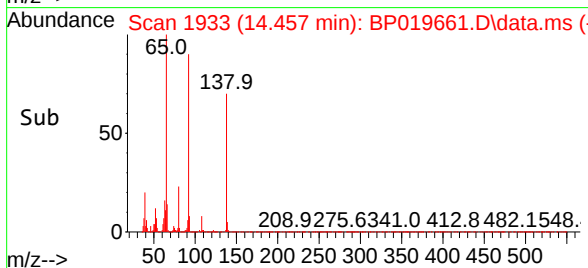
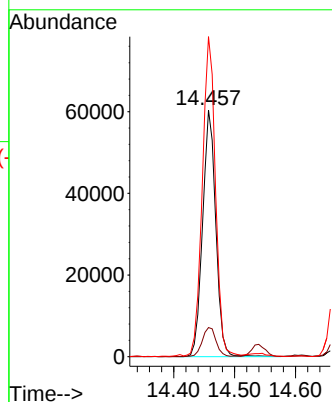
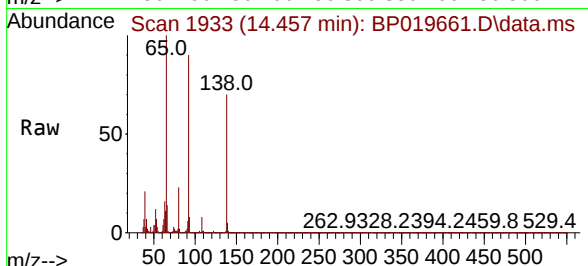
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS

Tgt Ion:138 Resp: 9059

Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.7	14.5
92	129.7	98.0	147.0

Manual Integrations
APPROVED

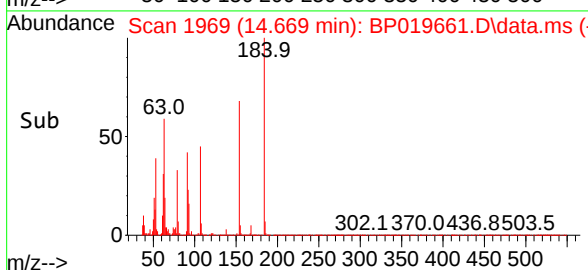
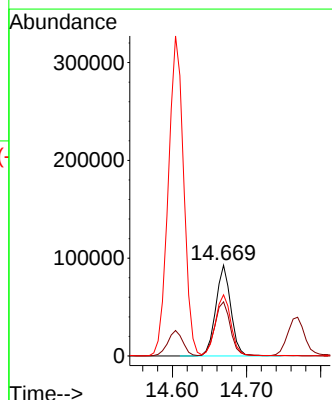
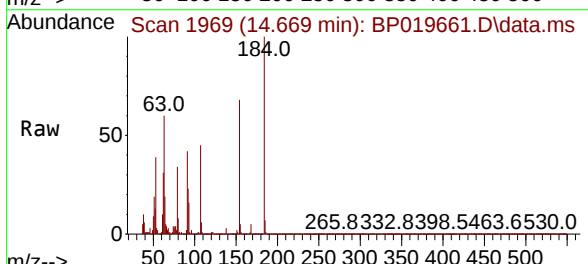
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

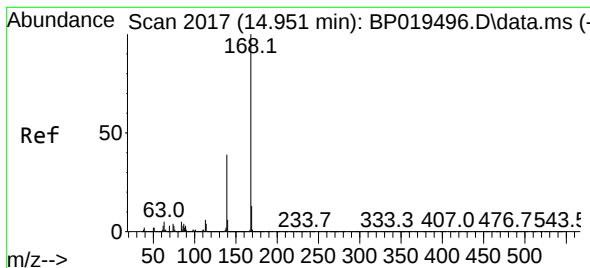


#54
2,4-Dinitrophenol
Concen: 78.348 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:184 Resp: 130589

Ion	Ratio	Lower	Upper
184	100		
63	59.6	50.5	75.7
154	67.5	53.4	80.0





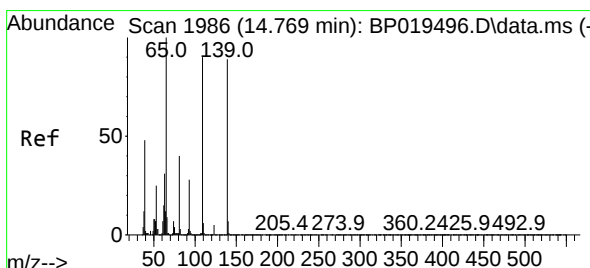
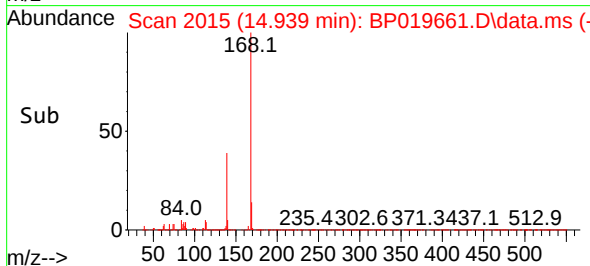
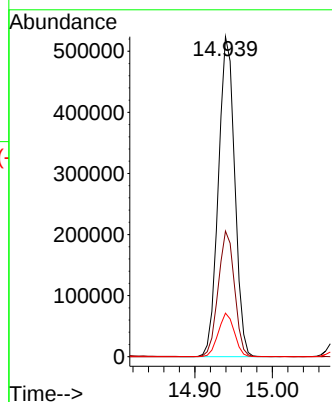
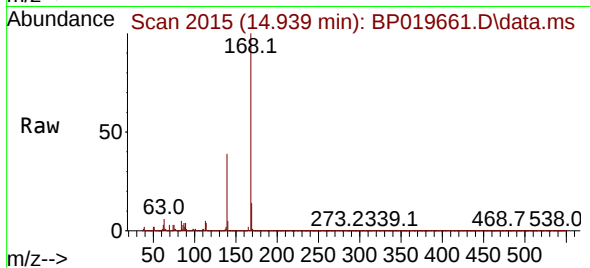
#55
Dibenzenofuran
Concen: 43.334 ng
RT: 14.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS

Tgt Ion:168 Resp: 76851
Ion Ratio Lower Upper
168 100
139 39.2 31.5 47.3
169 13.6 10.3 15.5

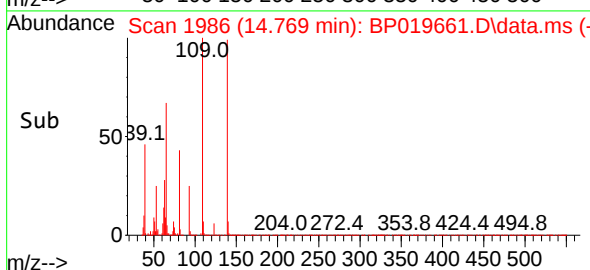
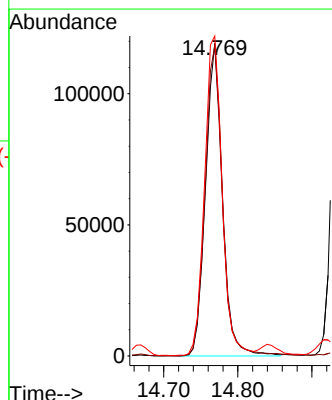
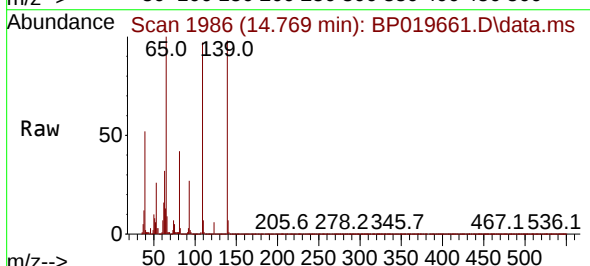
Manual Integrations
APPROVED

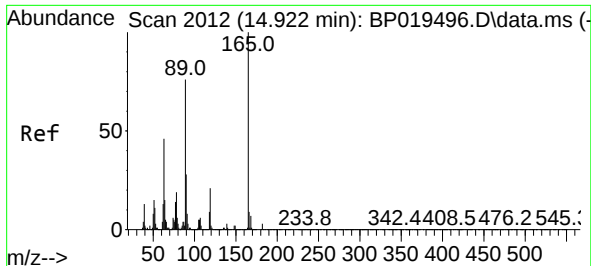
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#56
4-Nitrophenol
Concen: 78.421 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:139 Resp: 189630
Ion Ratio Lower Upper
139 100
109 99.4 82.0 122.0
65 102.5 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 39.184 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS

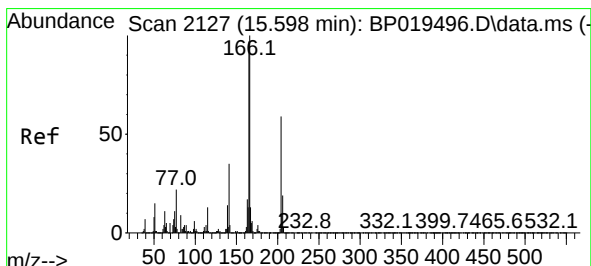
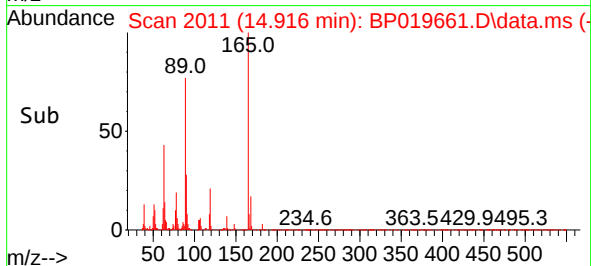
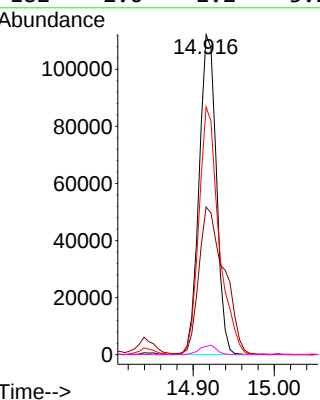
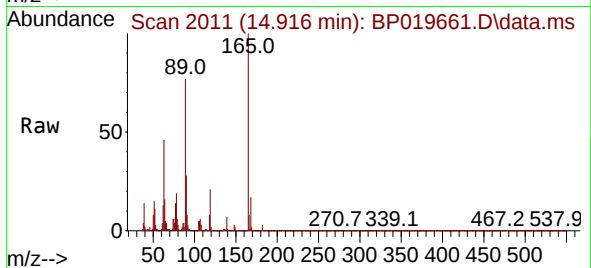
Tgt Ion:165 Resp: 164840
Ion Ratio Lower Upper
165 100
63 46.2 36.9 55.3
89 77.4 61.1 91.7
182 2.6 2.2 3.2

Manual Integrations

APPROVED

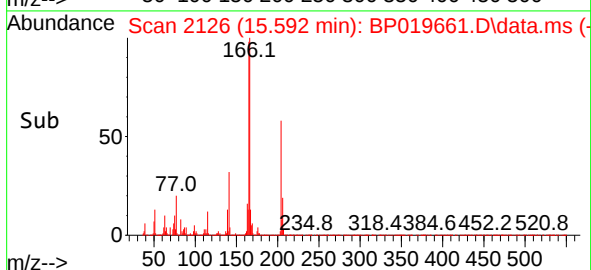
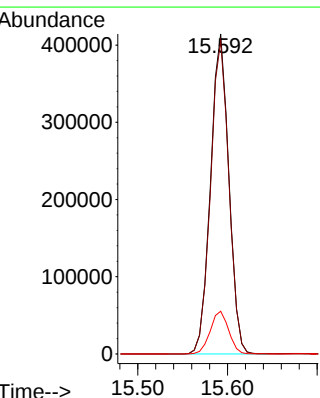
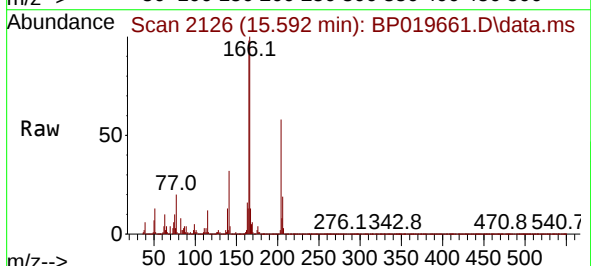
Reviewed By :Yogesh Patel 02/14/2024

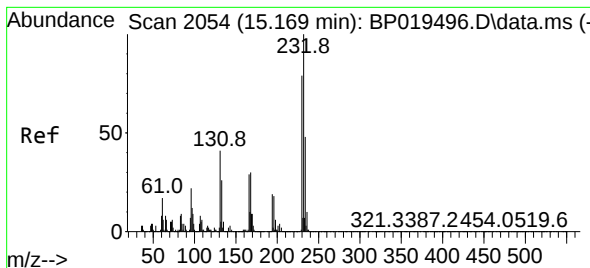
Supervised By :mohammad ahmed 02/14/2024



#58
Fluorene
Concen: 41.456 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

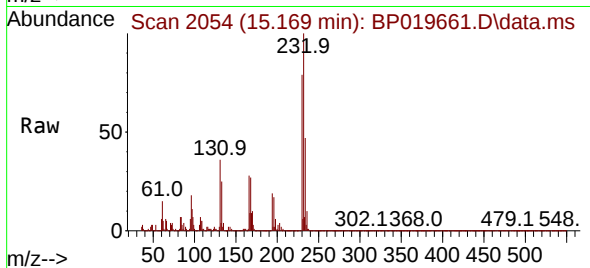
Tgt Ion:166 Resp: 585583
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.8
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.943 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

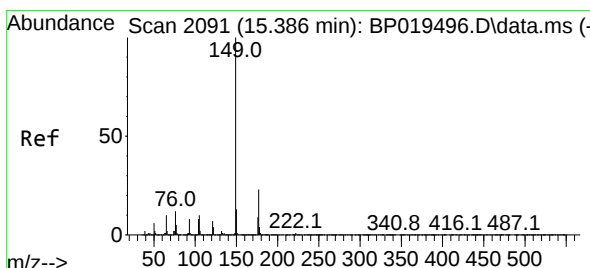
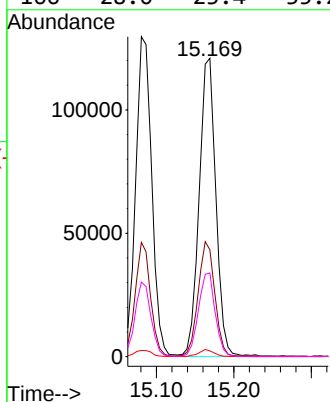
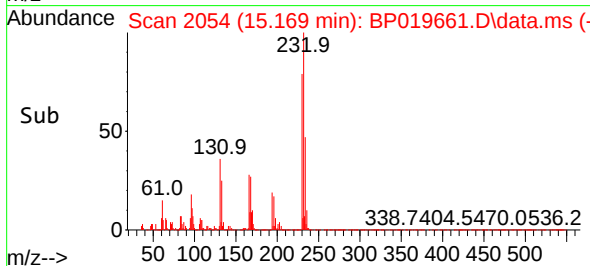
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS



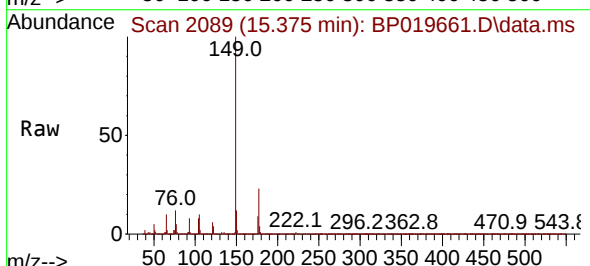
Tgt Ion:232 Resp: 180910
Ion Ratio Lower Upper
232 100
131 38.1 32.4 48.6
130 2.3 1.9 2.9
166 28.0 23.4 35.2

Manual Integrations
APPROVED

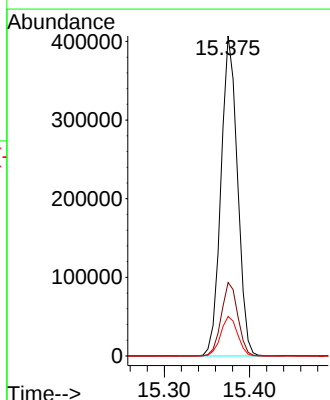
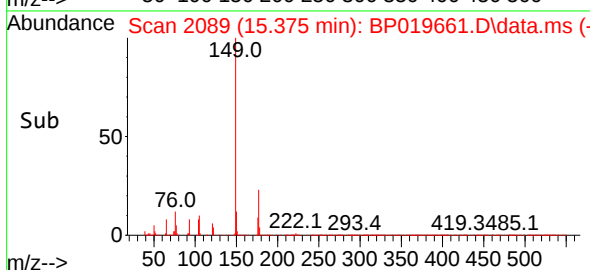
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

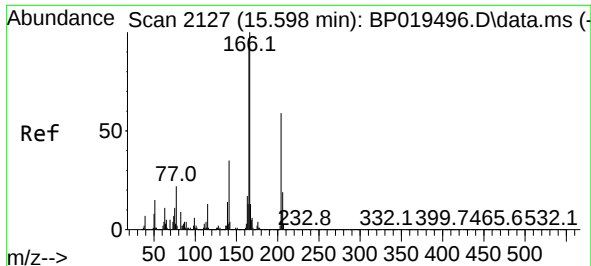


#60
Diethylphthalate
Concen: 37.658 ng
RT: 15.375 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12



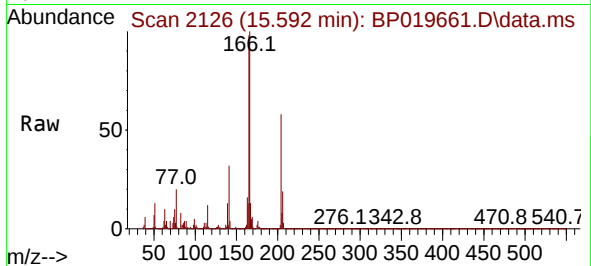
Tgt Ion:149 Resp: 547291
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 12.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.936 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

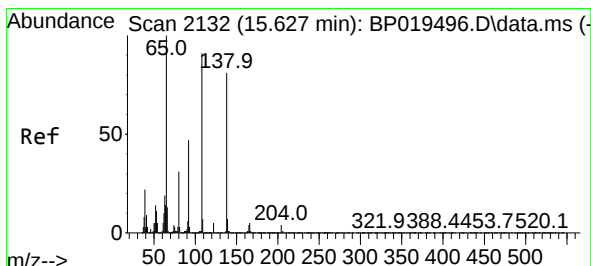
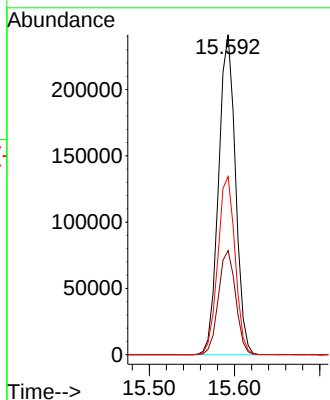
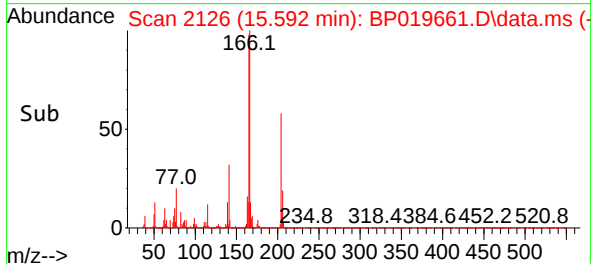
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS



Tgt Ion:204 Resp: 332940
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 55.6 48.5 72.7

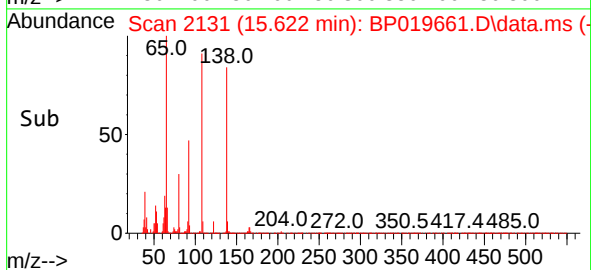
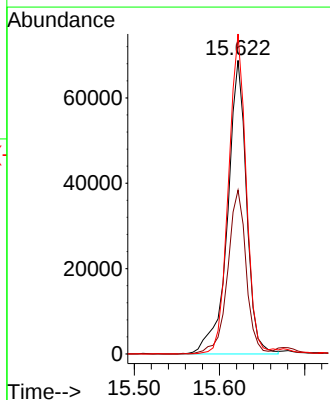
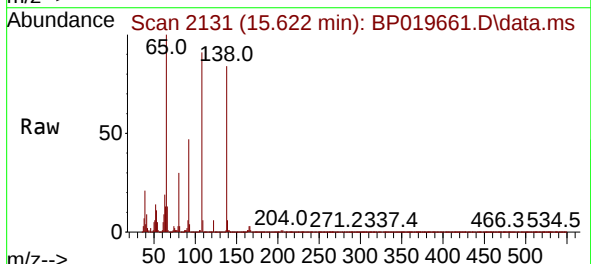
Manual Integrations
APPROVED

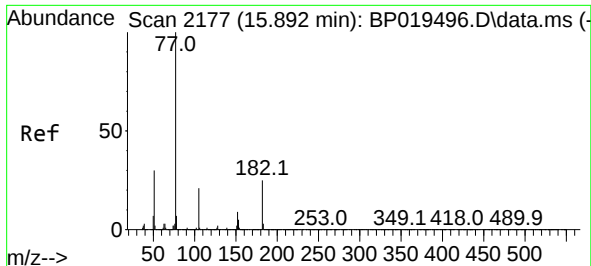
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#62
4-Nitroaniline
Concen: 34.353 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:138 Resp: 106231
Ion Ratio Lower Upper
138 100
92 55.8 38.3 78.3
108 109.0 91.2 131.2





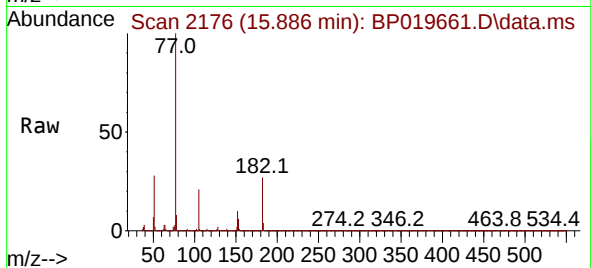
#63
Azobenzene
Concen: 38.826 ng
RT: 15.886 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS



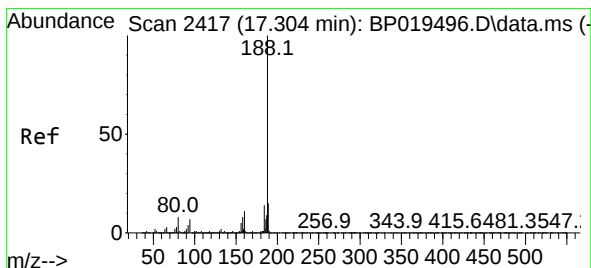
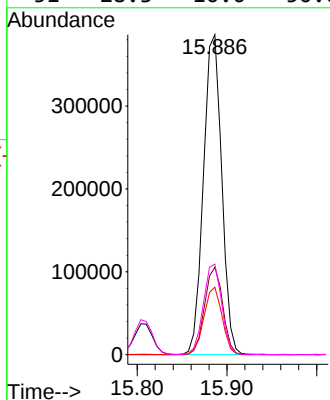
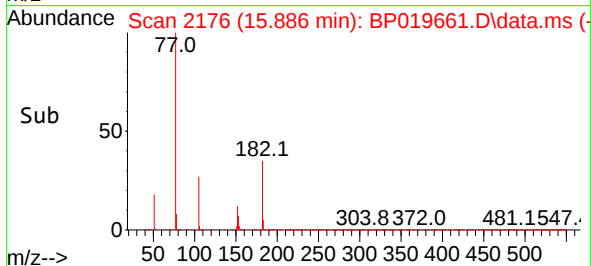
Tgt Ion: 77 Resp: 545659
Ion Ratio Lower Upper
77 100
182 27.3 5.1 45.1
105 21.1 0.8 40.8
51 28.3 10.0 50.0

Manual Integrations

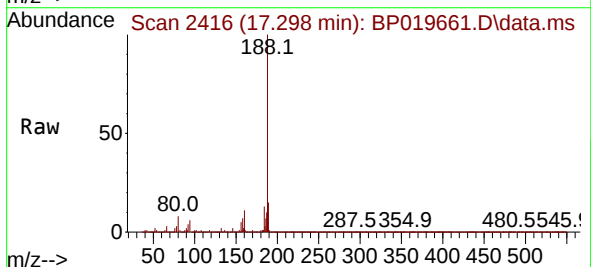
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

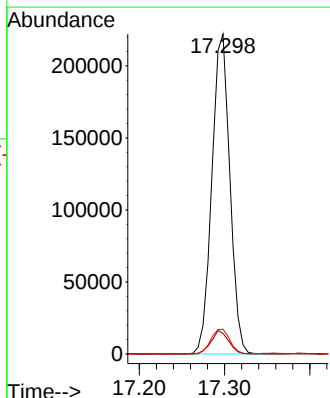
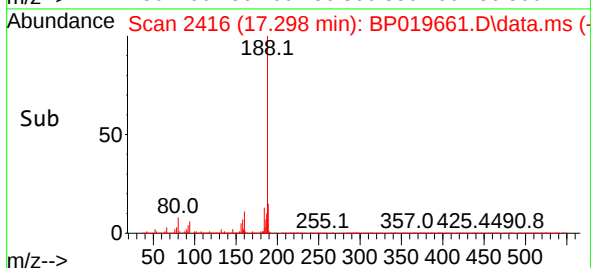
Supervised By :mohammad ahmed 02/14/2024

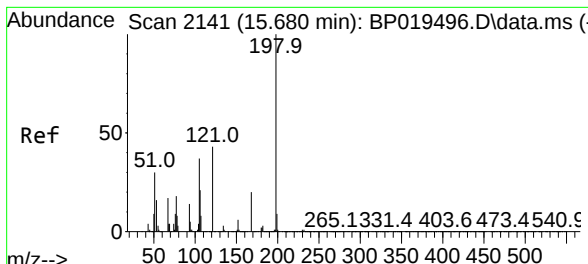


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12



Tgt Ion:188 Resp: 325810
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 7.8 6.3 9.5



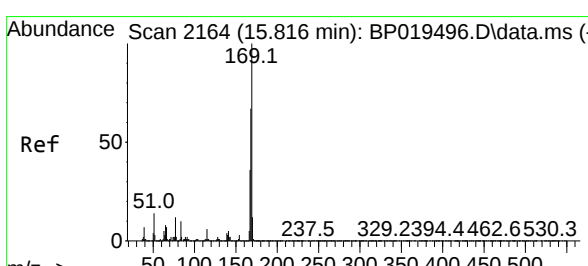
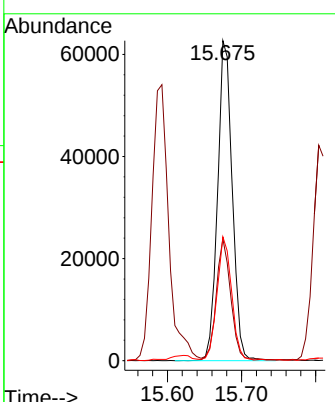
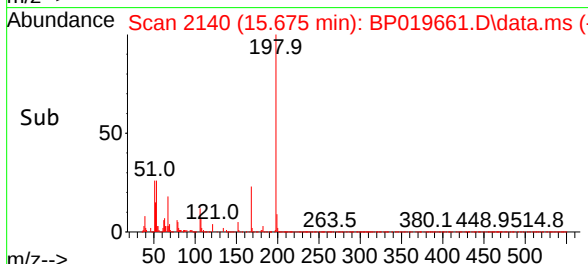
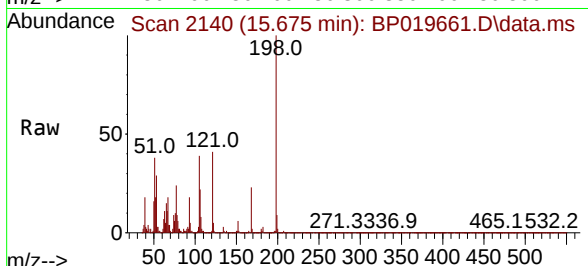


#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.386 ng
 RT: 15.675 min Scan# 2140
 Delta R.T. -0.006 min
 Lab File: BP019661.D
 Acq: 12 Feb 2024 14:12

Instrument : BNA_P
 ClientSampleId : SB-3(4-5)MS

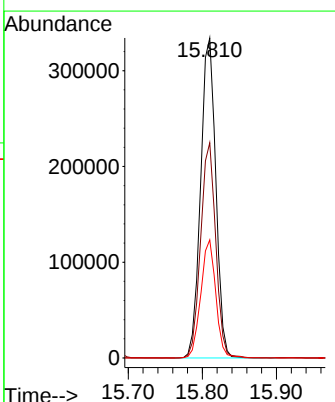
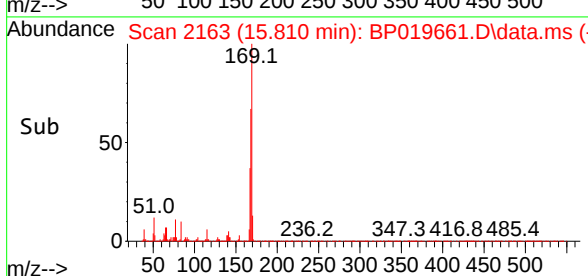
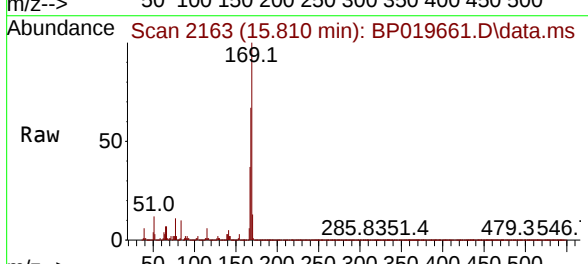
Tgt Ion:	198	Resp:	86170
Ion Ratio	Lower	Upper	
198	100		
51	38.1	21.2	61.2
105	38.7	19.1	59.1

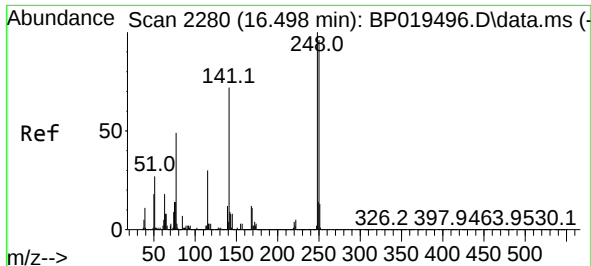
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024



#66
 n-Nitrosodiphenylamine
 Concen: 48.690 ng
 RT: 15.810 min Scan# 2163
 Delta R.T. -0.006 min
 Lab File: BP019661.D
 Acq: 12 Feb 2024 14:12

Tgt Ion:	169	Resp:	475099
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.4	80.2
167	36.9	28.9	43.3





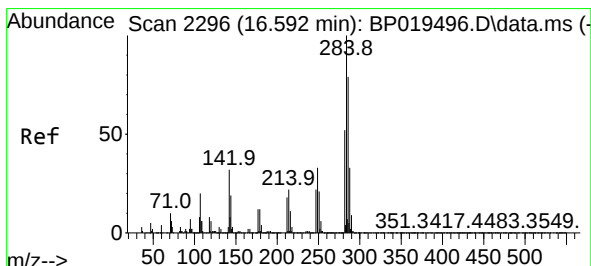
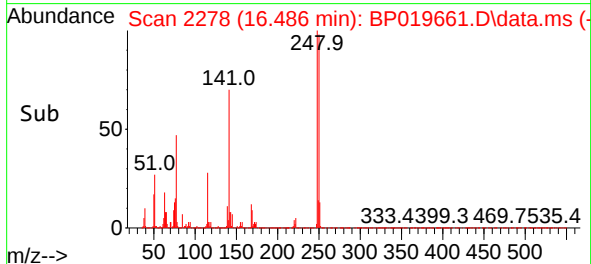
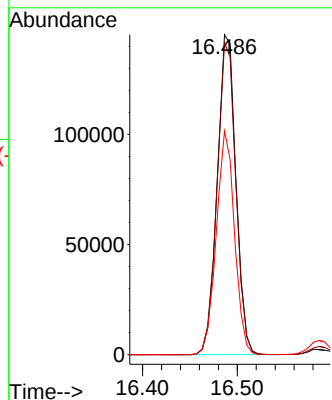
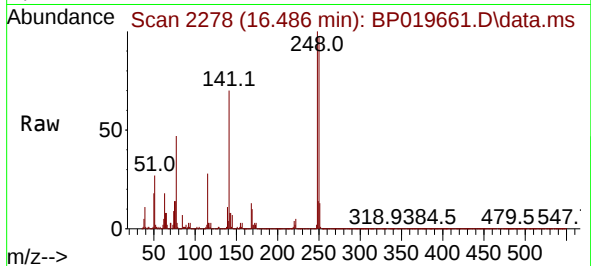
#67
4-Bromophenyl-phenylether
Concen: 49.102 ng
RT: 16.486 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS

Tgt Ion:248 Resp: 19999
Ion Ratio Lower Upper
248 100
250 97.5 76.9 115.3
141 69.9 58.0 87.0

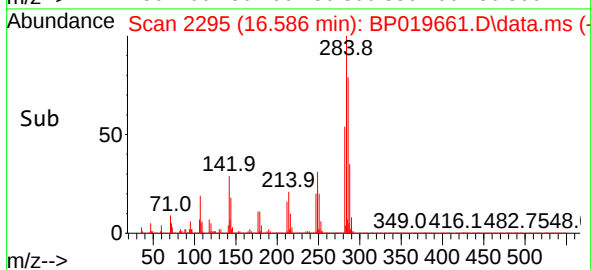
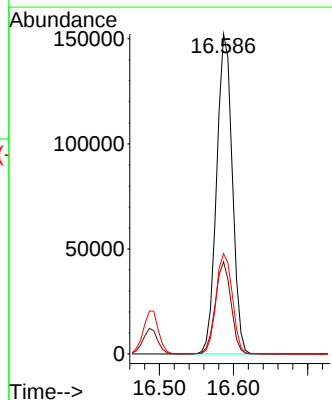
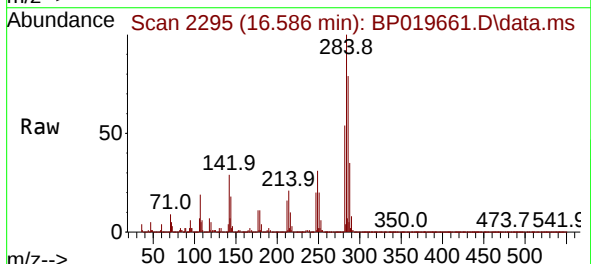
Manual Integrations
APPROVED

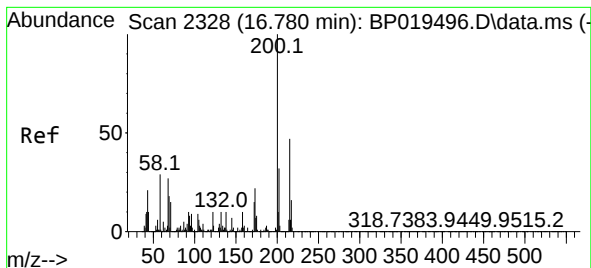
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#68
Hexachlorobenzene
Concen: 46.966 ng
RT: 16.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:284 Resp: 223389
Ion Ratio Lower Upper
284 100
142 28.8 25.4 38.2
249 31.4 26.5 39.7





#69

Atrazine

Concen: 48.351 ng

RT: 16.769 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS

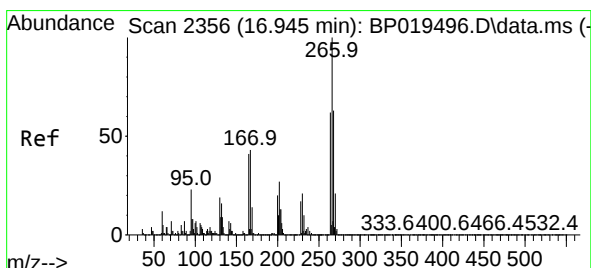
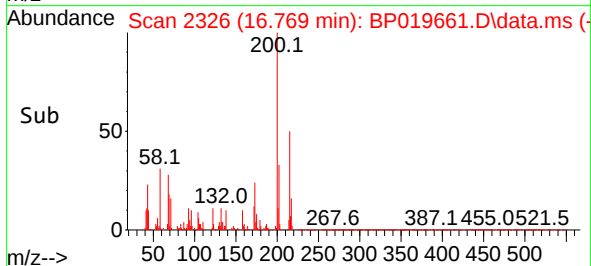
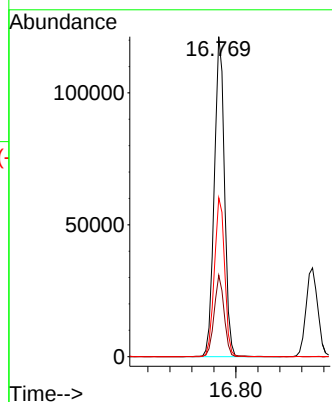
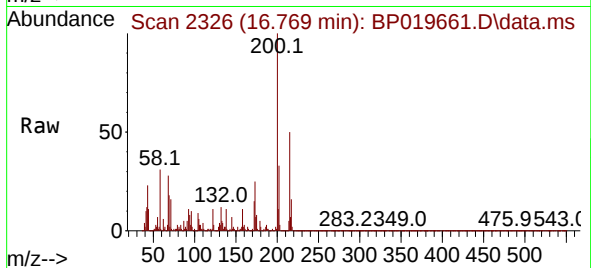
Tgt Ion:200 Resp: 156558
 Ion Ratio Lower Upper
 200 100
 173 25.4 1.7 41.7
 215 49.7 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#70

Pentachlorophenol

Concen: 89.992 ng

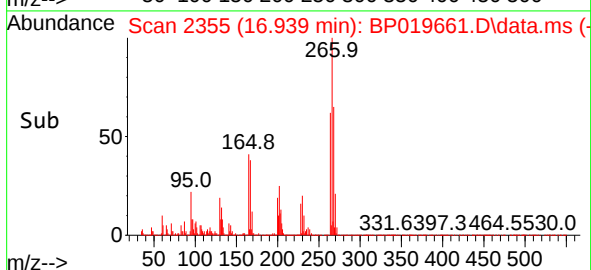
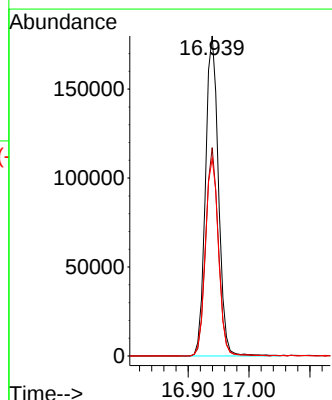
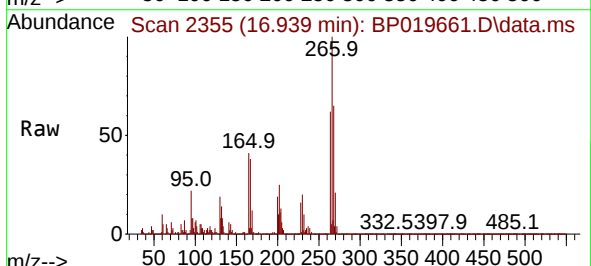
RT: 16.939 min Scan# 2355

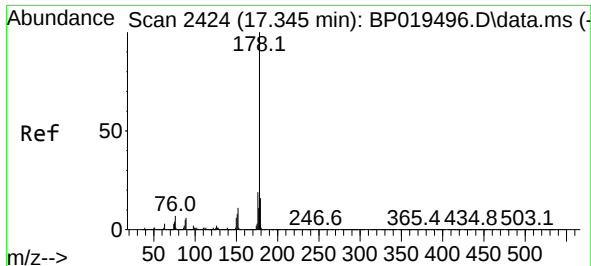
Delta R.T. -0.006 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Tgt Ion:266 Resp: 266556
 Ion Ratio Lower Upper
 266 100
 268 65.1 50.3 75.5
 264 61.7 49.7 74.5





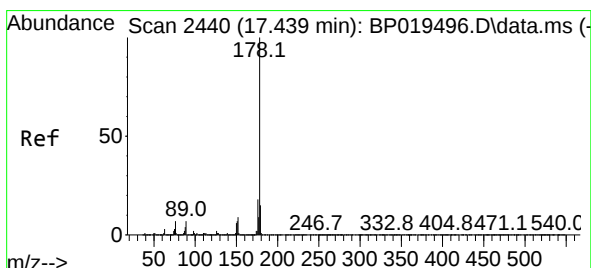
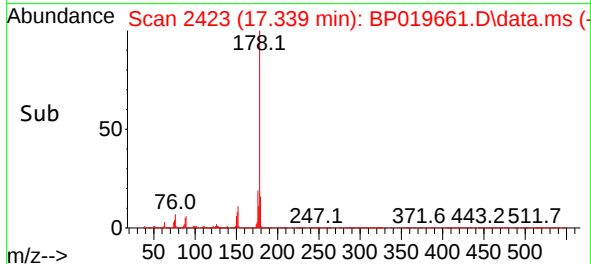
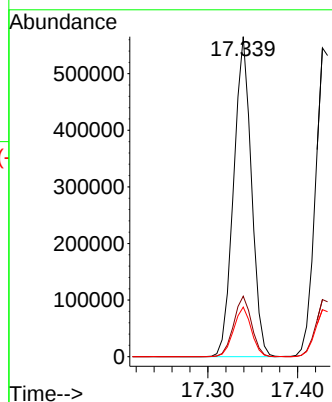
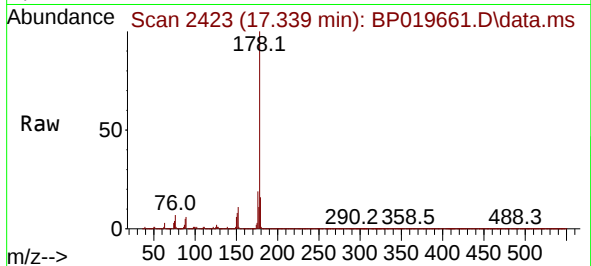
#71
Phenanthrene
Concen: 45.282 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS

Tgt Ion:178 Resp: 776420
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.5 12.6 19.0

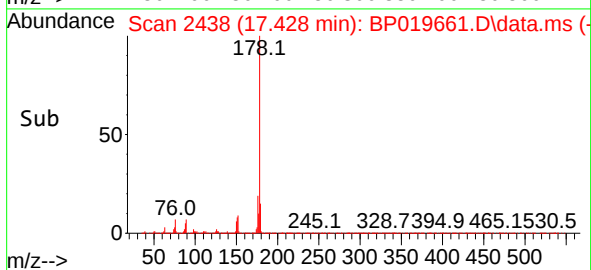
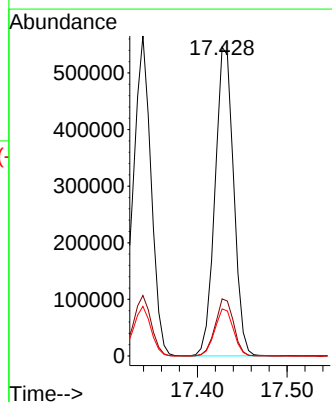
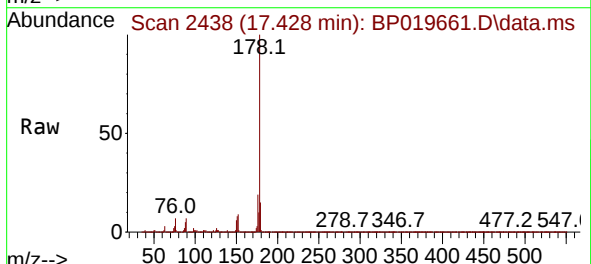
Manual Integrations
APPROVED

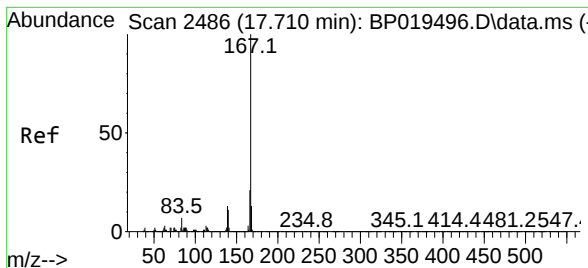
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#72
Anthracene
Concen: 45.945 ng
RT: 17.428 min Scan# 2438
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:178 Resp: 785862
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.2 12.2 18.2





#73

Carbazole

Concen: 40.411 ng

RT: 17.704 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS

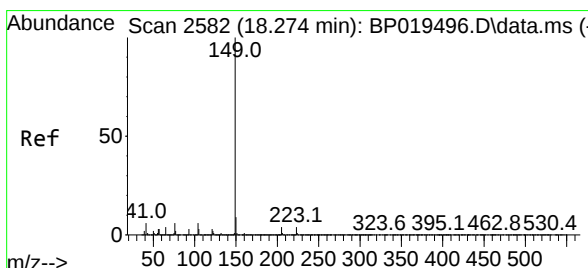
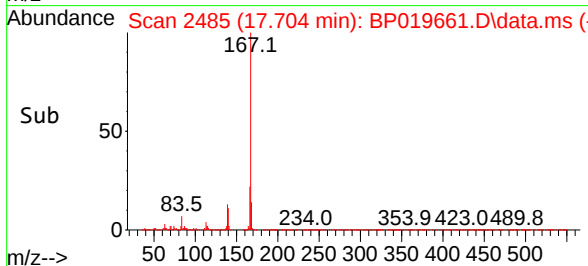
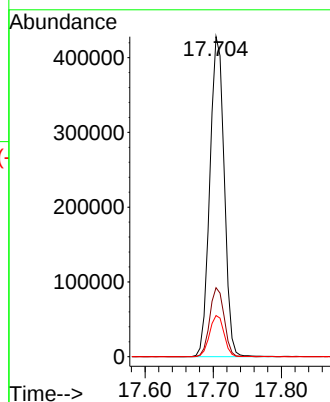
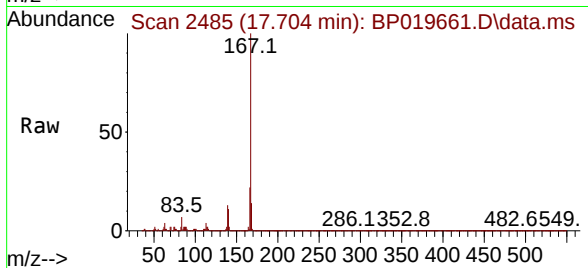
Tgt Ion:167	Resp: 627929
Ion Ratio	Lower Upper
167 100	
166 21.5	17.2 25.8
139 12.8	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#74

Di-n-butylphthalate

Concen: 38.136 ng

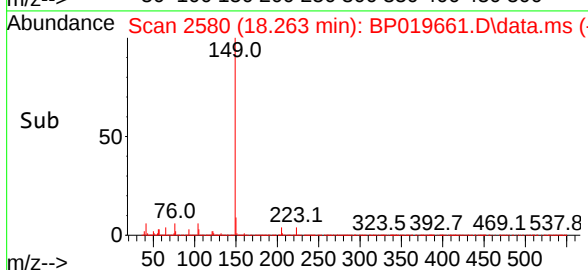
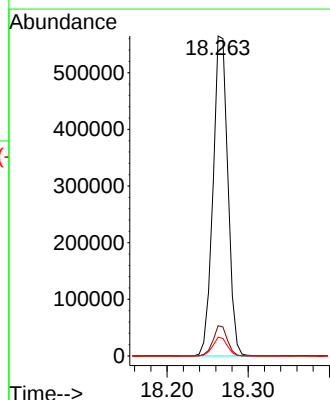
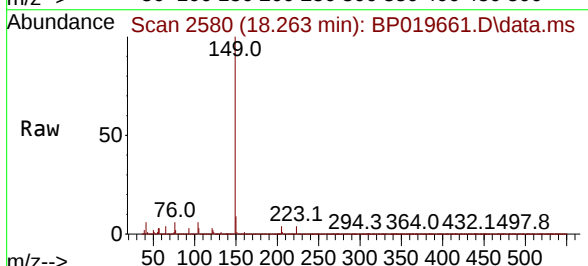
RT: 18.263 min Scan# 2580

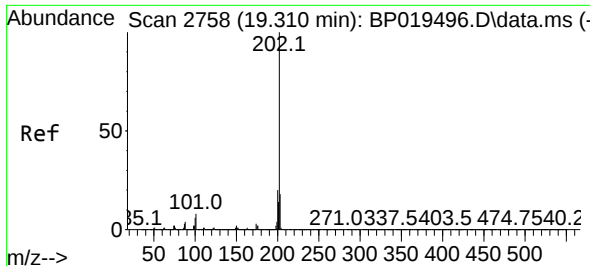
Delta R.T. -0.012 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Tgt Ion:149	Resp: 716499		
Ion Ratio	Lower	Upper	
149 100			
150 9.5	7.3	10.9	
104 5.9	4.8	7.2	





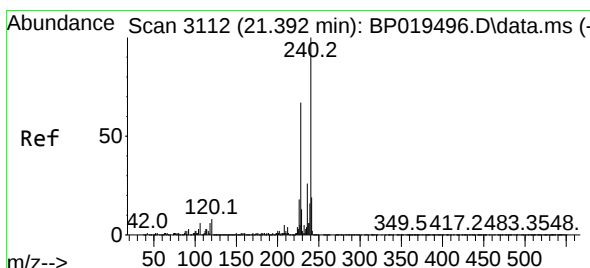
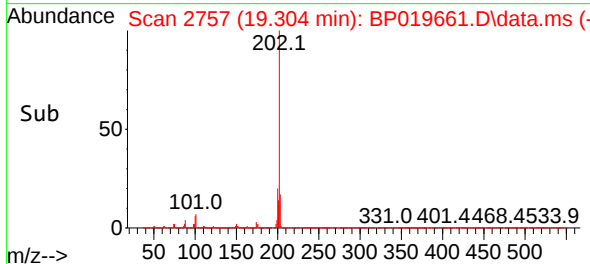
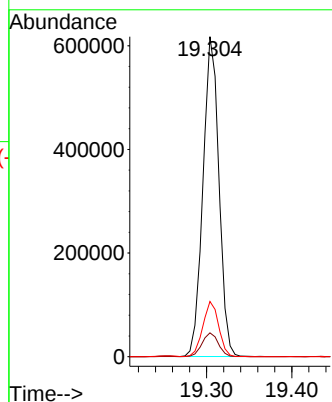
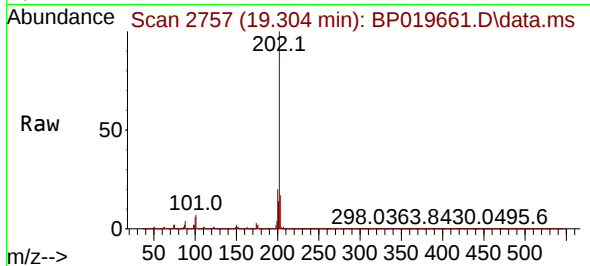
#75
Fluoranthene
Concen: 38.329 ng
RT: 19.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS

Tgt Ion:202 Resp: 80284
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.7
203 17.3 0.0 37.5

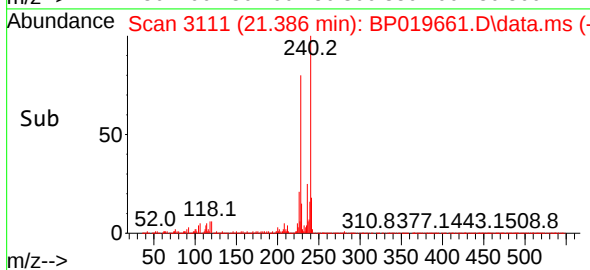
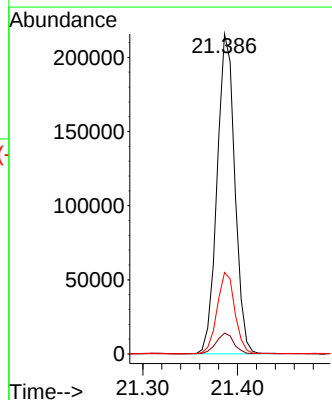
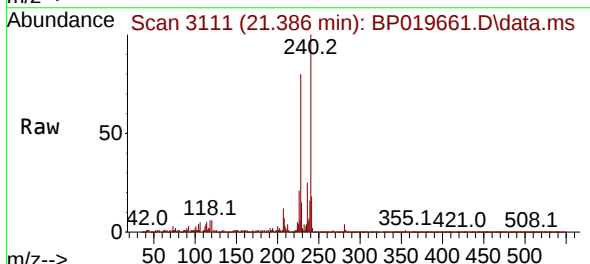
Manual Integrations
APPROVED

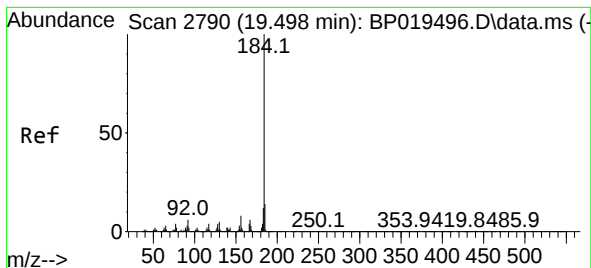
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:240 Resp: 280611
Ion Ratio Lower Upper
240 100
120 6.5 6.1 9.1
236 25.4 20.7 31.1





#77

Benzidine

Concen: 87.285 ng

RT: 19.498 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS

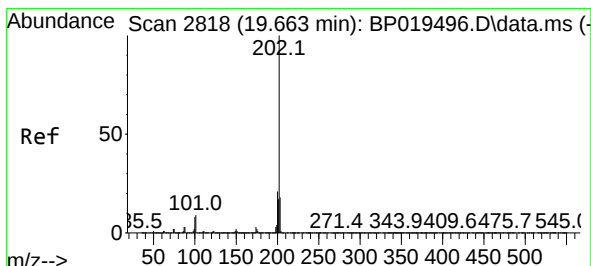
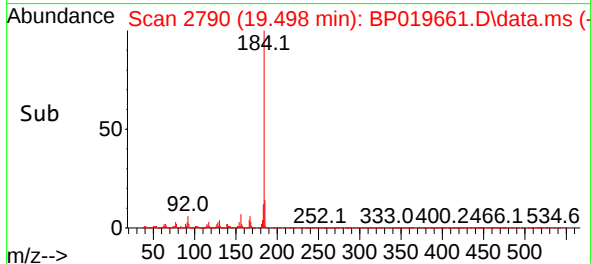
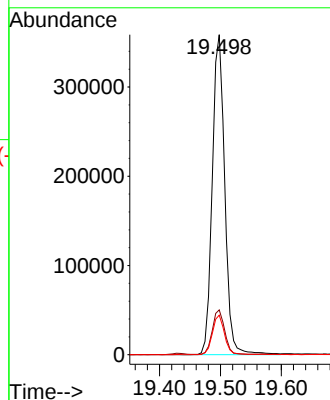
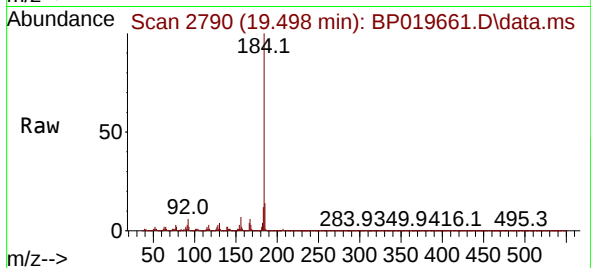
Tgt Ion:	184	Resp:	512068
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.1	16.7
183	12.3	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#78

Pyrene

Concen: 41.301 ng

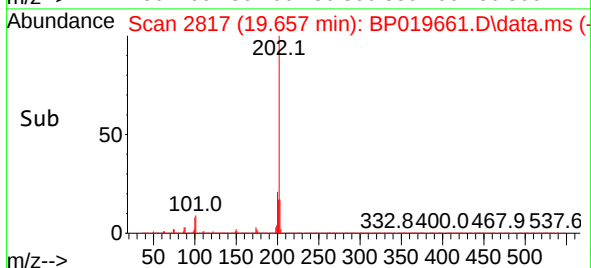
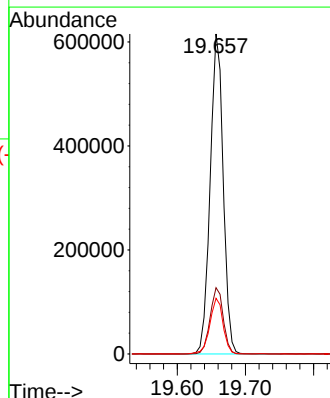
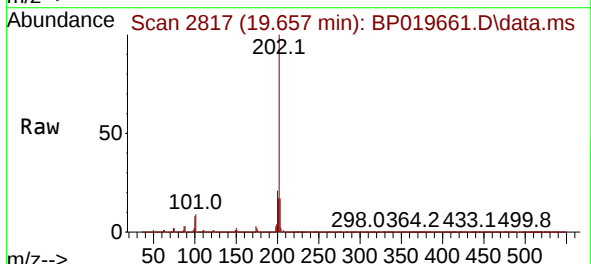
RT: 19.657 min Scan# 2817

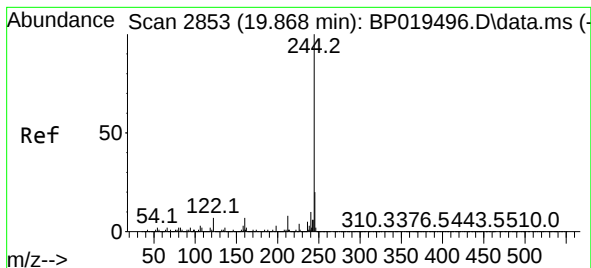
Delta R.T. -0.006 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Tgt Ion:	202	Resp:	817940
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.9	25.3
203	17.4	14.2	21.2





#79

Terphenyl-d14

Concen: 52.161 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS

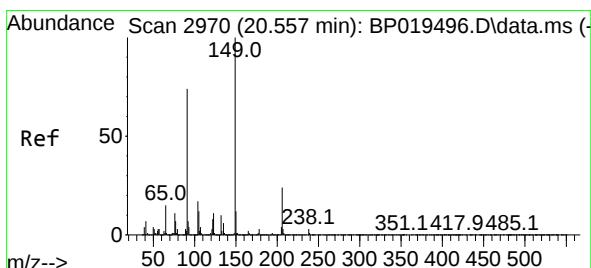
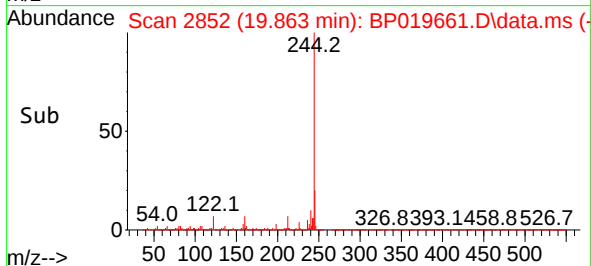
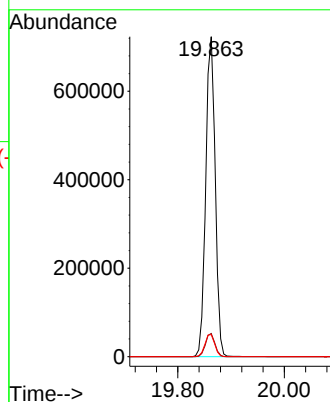
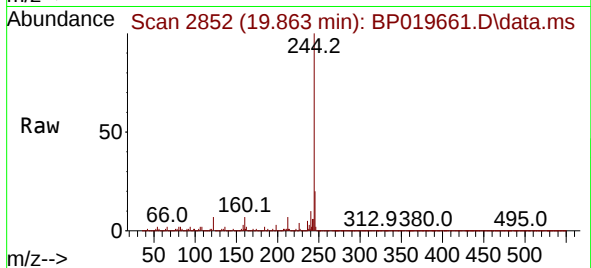
Tgt Ion:244 Resp: 890023
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.9 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#80

Butylbenzylphthalate

Concen: 36.533 ng

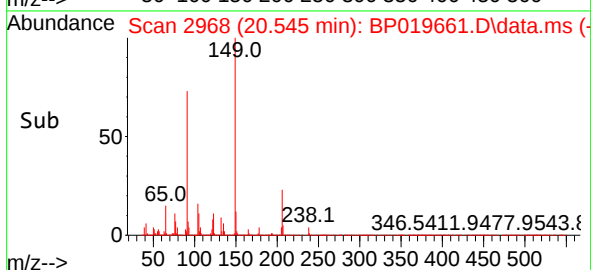
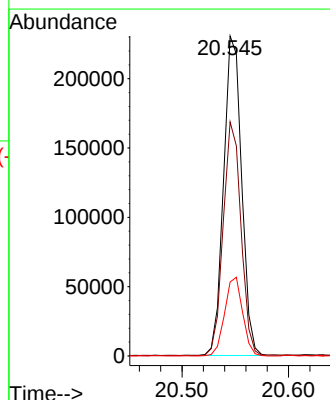
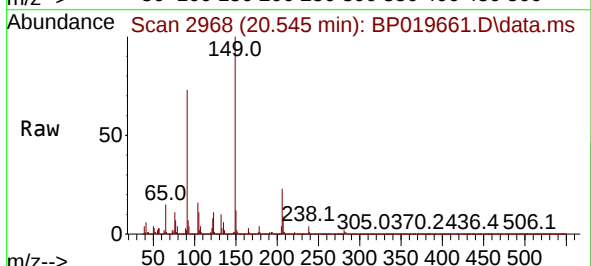
RT: 20.545 min Scan# 2968

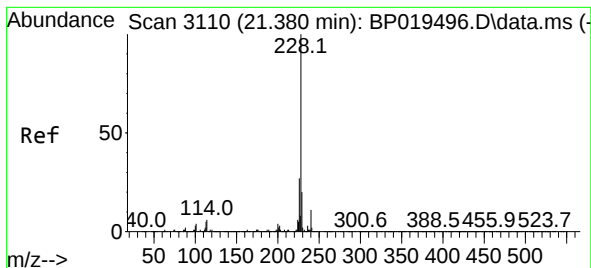
Delta R.T. -0.012 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Tgt Ion:149 Resp: 270188
 Ion Ratio Lower Upper
 149 100
 91 73.2 59.4 89.0
 206 23.1 19.0 28.6





#81

Benzo(a)anthracene

Concen: 44.537 ng

RT: 21.374 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS

Tgt Ion:228 Resp: 87973

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

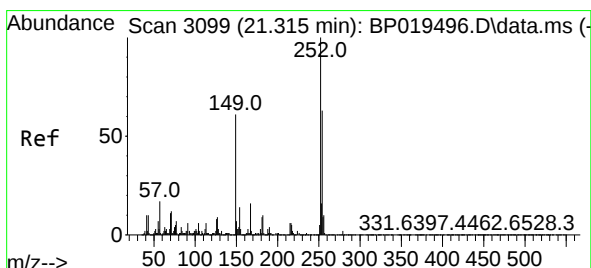
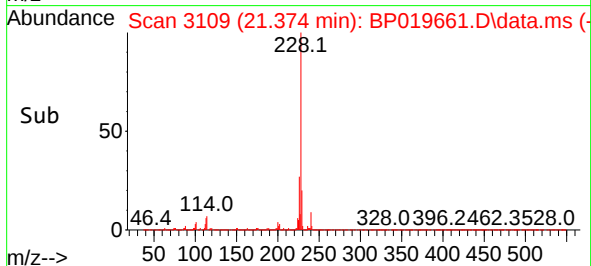
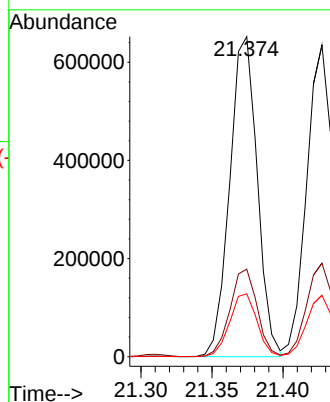
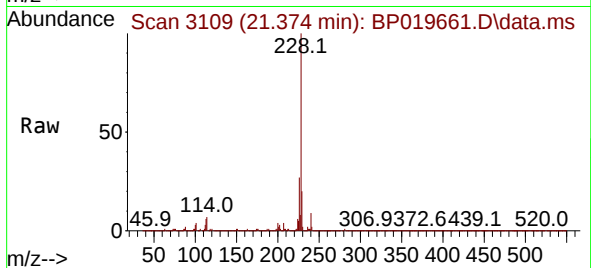
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#82

3,3'-Dichlorobenzidine

Concen: 46.621 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

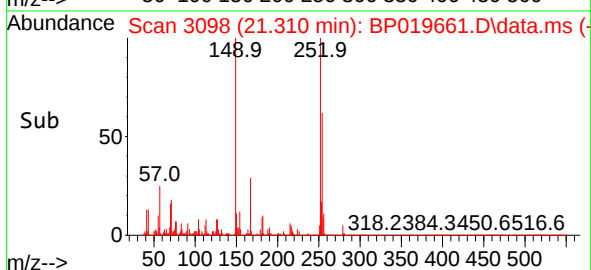
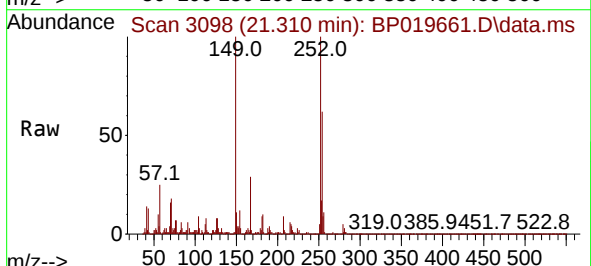
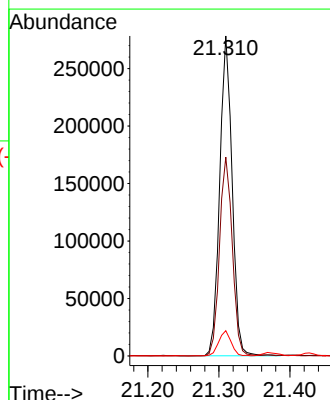
Tgt Ion:252 Resp: 335574

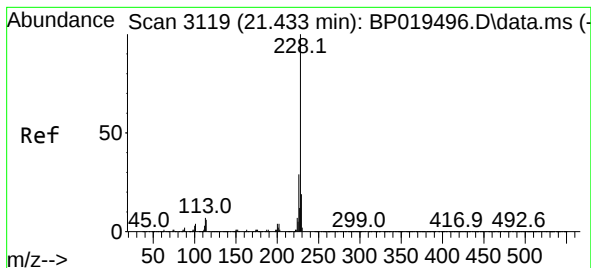
Ion Ratio Lower Upper

252 100

254 62.1 50.7 76.1

126 7.9 6.4 9.6





#83

Chrysene

Concen: 44.119 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS

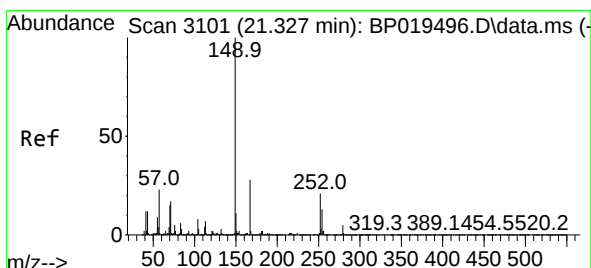
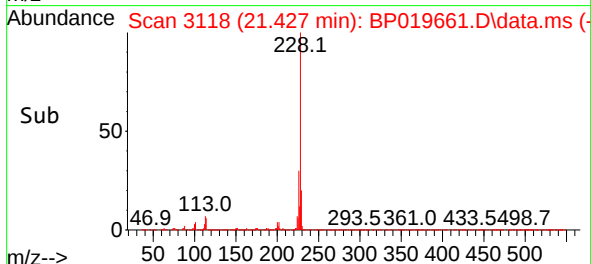
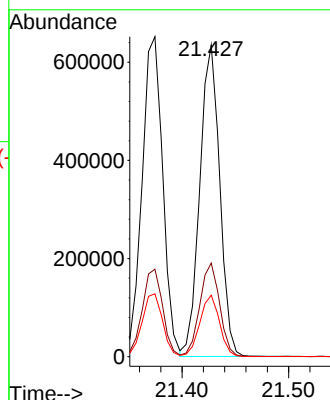
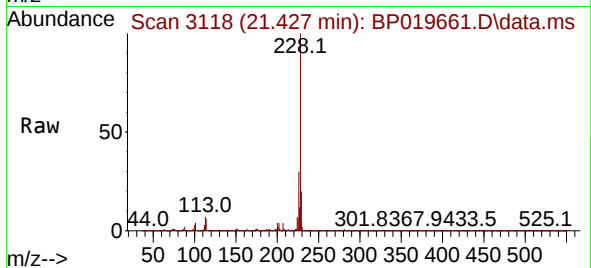
Tgt Ion:	228	Resp:	82739
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.2
229	19.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.759 ng

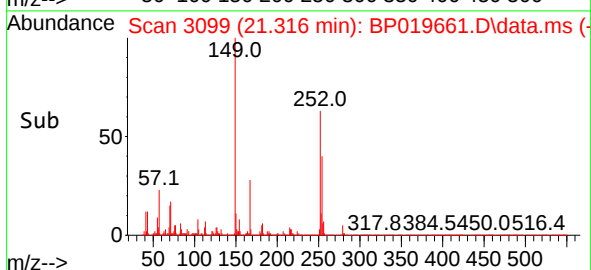
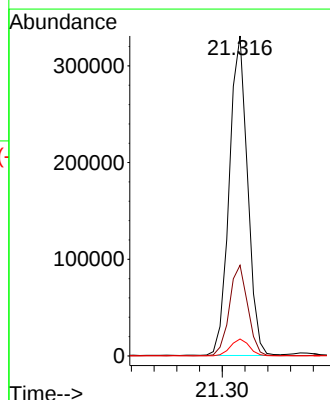
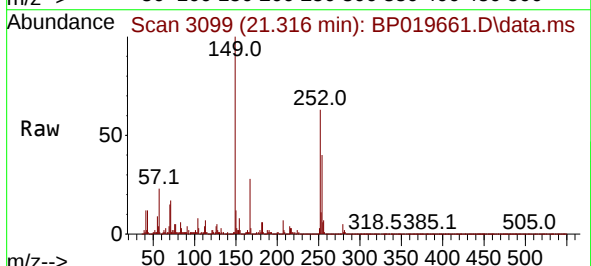
RT: 21.316 min Scan# 3099

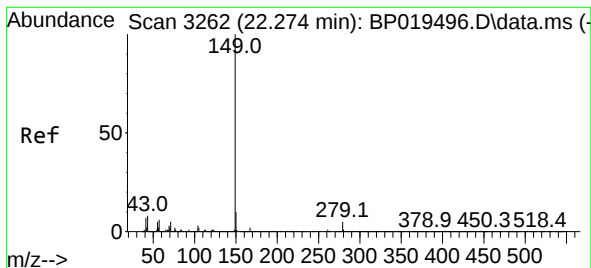
Delta R.T. -0.012 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Tgt Ion:	149	Resp:	368927
Ion Ratio	Lower	Upper	
149	100		
167	28.4	22.7	34.1
279	5.3	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 34.419 ng

RT: 22.257 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS

Tgt Ion:149 Resp: 682008

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

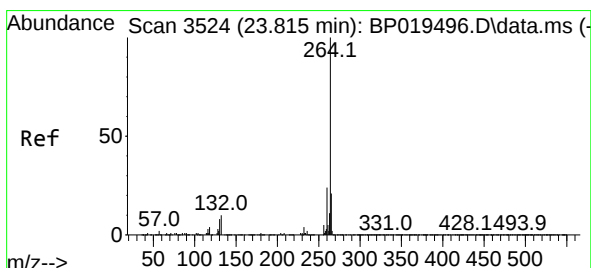
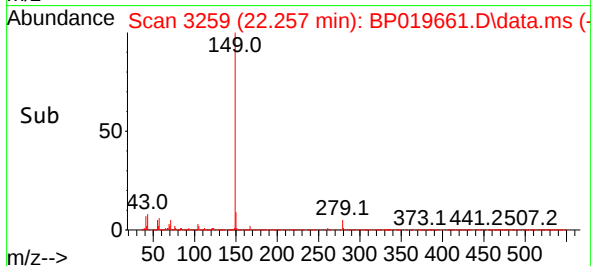
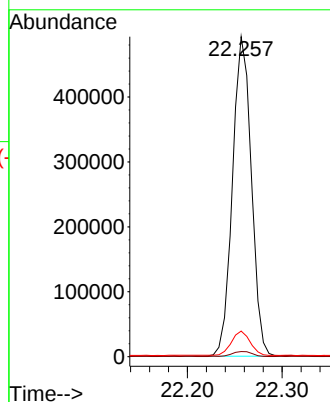
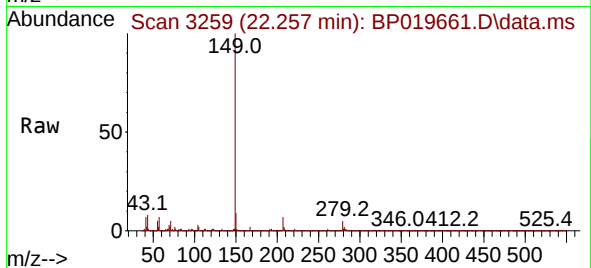
43 7.6 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

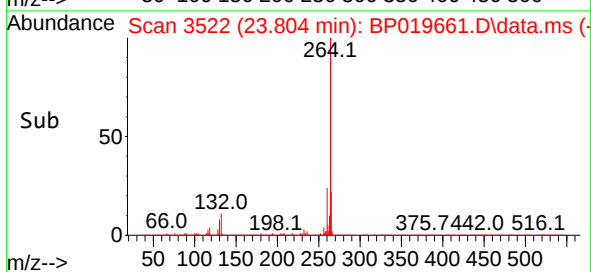
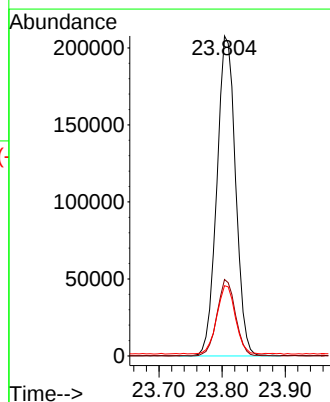
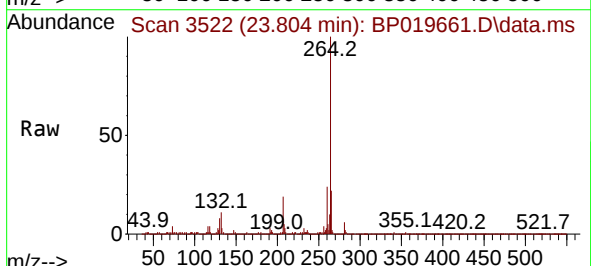
Tgt Ion:264 Resp: 426837

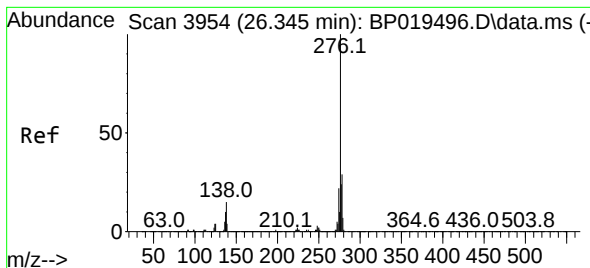
Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.052 ng

RT: 26.339 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS

Tgt Ion:276 Resp: 160266

Ion Ratio Lower Upper

276 100

138 15.1 13.1 19.7

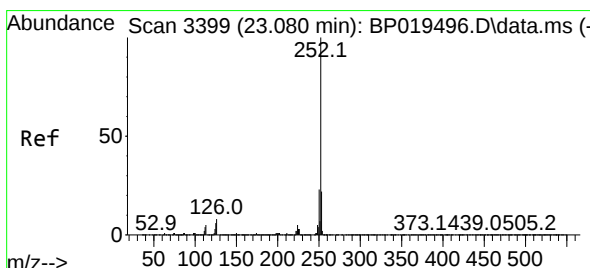
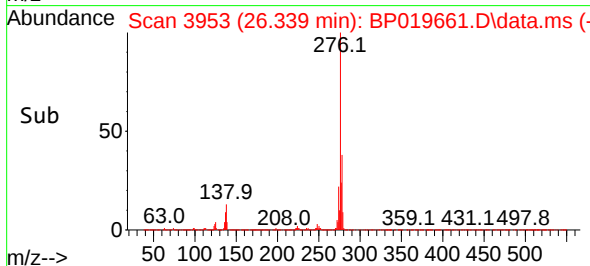
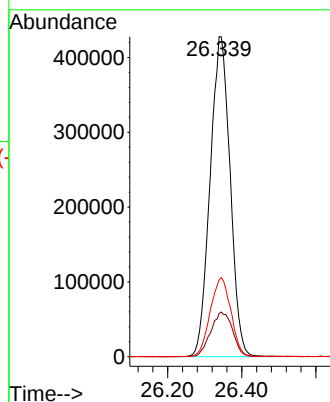
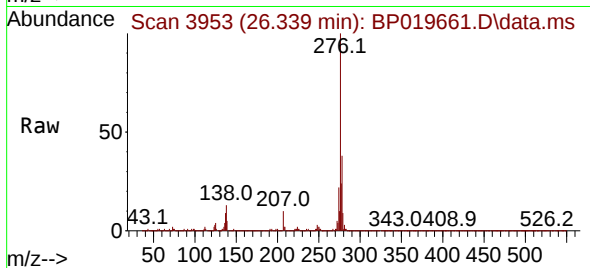
277 25.4 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#88

Benzo(b)fluoranthene

Concen: 42.333 ng

RT: 23.068 min Scan# 3397

Delta R.T. -0.012 min

Lab File: BP019661.D

Acq: 12 Feb 2024 14:12

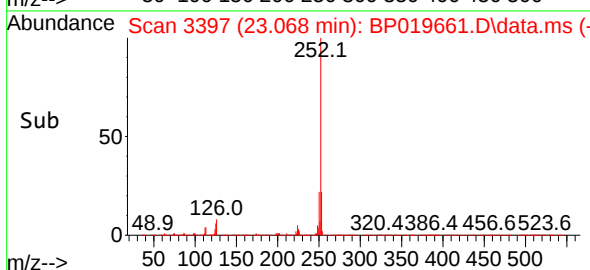
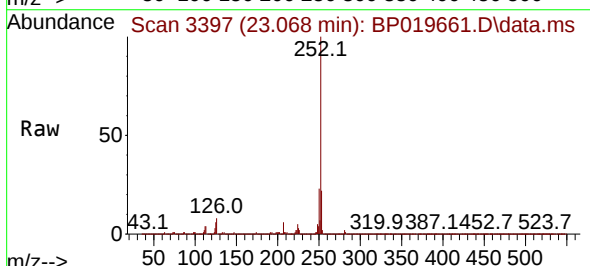
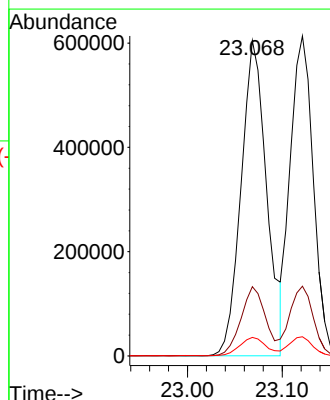
Tgt Ion:252 Resp: 1138824

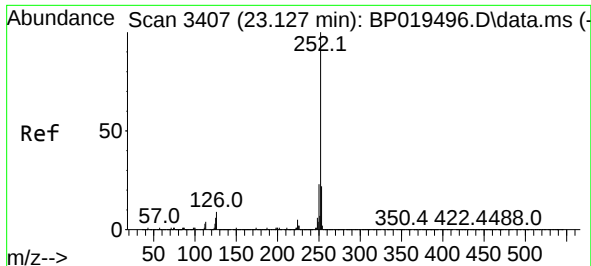
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

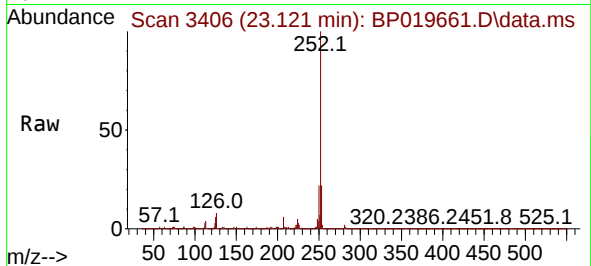
125 5.9 4.9 7.3





#89
Benzo(k)fluoranthene
Concen: 40.315 ng
RT: 23.121 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

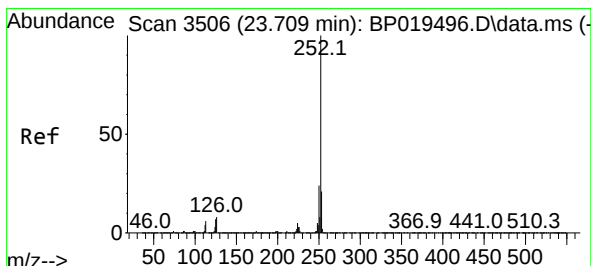
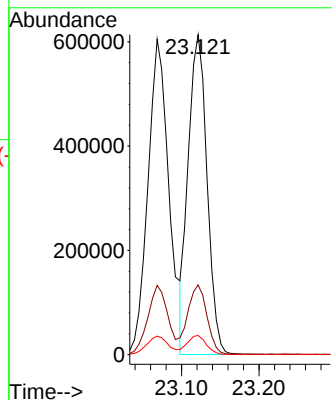
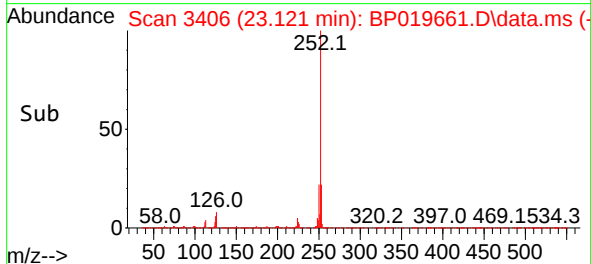
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MS



Tgt Ion:252 Resp: 1035979
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 6.0 5.0 7.6

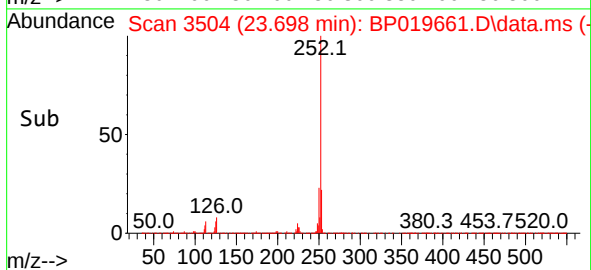
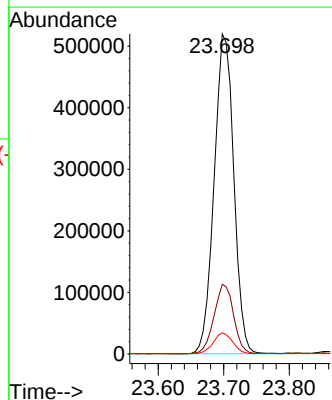
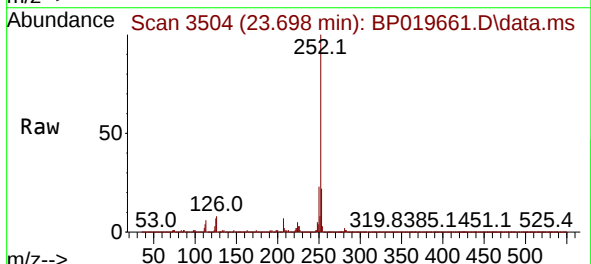
Manual Integrations
APPROVED

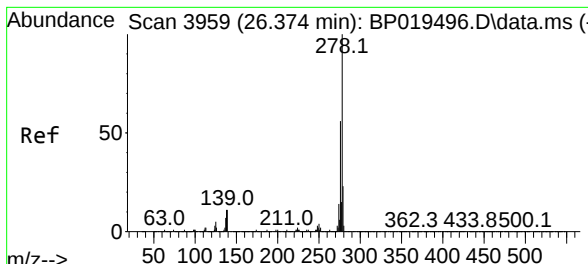
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#90
Benzo(a)pyrene
Concen: 45.015 ng
RT: 23.698 min Scan# 3504
Delta R.T. -0.012 min
Lab File: BP019661.D
Acq: 12 Feb 2024 14:12

Tgt Ion:252 Resp: 1077497
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 6.6 5.6 8.4





#91
 Dibenzo(a,h)anthracene
 Concen: 48.481 ng
 RT: 26.368 min Scan# 3958
 Delta R.T. -0.006 min
 Lab File: BP019661.D
 Acq: 12 Feb 2024 14:12

Instrument :

BNA_P

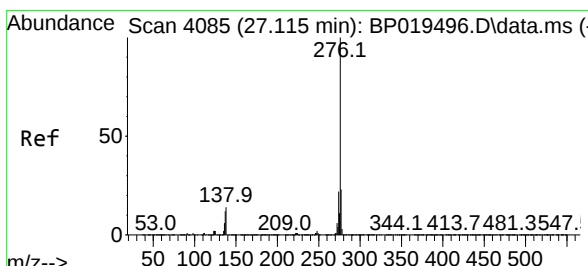
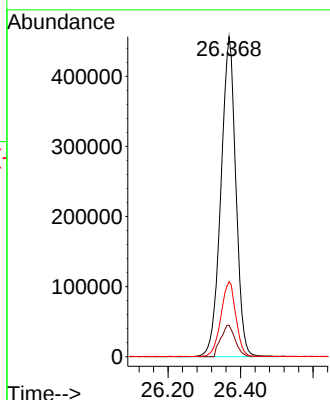
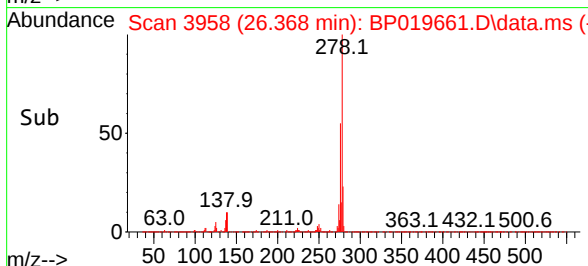
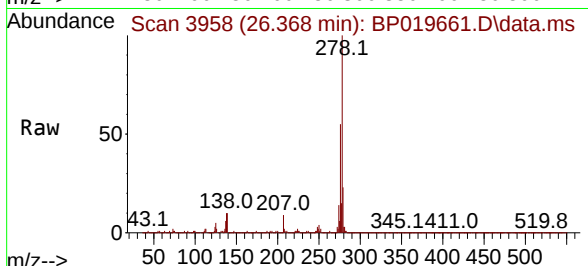
ClientSampleId :

SB-3(4-5)MS

Tgt Ion: 278 Resp: 130279
 Ion Ratio Lower Upper
 278 100
 139 9.8 8.6 12.8
 279 23.5 18.5 27.7

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 02/14/2024
 Supervised By : mohammad ahmed 02/14/2024



#92
 Benzo(g,h,i)perylene
 Concen: 47.143 ng
 RT: 27.121 min Scan# 4086
 Delta R.T. 0.006 min
 Lab File: BP019661.D
 Acq: 12 Feb 2024 14:12

Tgt Ion: 276 Resp: 1285214
 Ion Ratio Lower Upper
 276 100
 277 24.2 18.6 28.0
 138 13.3 10.9 16.3

