

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019662.D
 Acq On : 12 Feb 2024 14:46
 Operator : MA/JU
 Sample : P1394-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Feb 12 15:14:21 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	77645	20.000	ng	-0.01
21) Naphthalene-d8	10.705	136	268125	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	171453	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	404386	20.000	ng	0.00
76) Chrysene-d12	21.392	240	449752	20.000	ng	0.00
86) Perylene-d12	23.810	264	532604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	418680	86.919	ng	0.00
7) Phenol-d6	7.081	99	542842	83.579	ng	0.00
23) Nitrobenzene-d5	9.075	82	361264	58.384	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	286614	114.493	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	792685	57.155	ng	-0.01
79) Terphenyl-d14	19.863	244	1563839	57.183	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	71123	38.324	ng	99
3) Pyridine	3.781	79	185443	36.856	ng	98
4) n-Nitrosodimethylamine	3.705	42	91369	41.710	ng	98
6) Aniline	7.240	93	250702	39.725	ng	98
8) 2-Chlorophenol	7.469	128	214370	43.347	ng	97
9) Benzaldehyde	7.052	77	59771m	13.126	ng	
10) Phenol	7.105	94	273316	42.221	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	207497	41.200	ng	98
12) 1,3-Dichlorobenzene	7.793	146	254738	42.096	ng	98
13) 1,4-Dichlorobenzene	7.940	146	257199	41.952	ng	99
14) 1,2-Dichlorobenzene	8.252	146	242591	40.897	ng	99
15) Benzyl Alcohol	8.152	79	217391m	41.890	ng	
16) 2,2'-oxybis(1-Chloropr...	8.434	45	202902	40.289	ng	98
17) 2-Methylphenol	8.352	107	179135	41.103	ng	99
18) Hexachloroethane	8.975	117	96429	40.579	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	167957	37.859	ng	98
20) 3+4-Methylphenols	8.681	107	241662	40.630	ng	96
22) Acetophenone	8.740	105	331905	43.452	ng	# 98
24) Nitrobenzene	9.116	77	256449	41.163	ng	99
25) Isophorone	9.646	82	454321	42.159	ng	99
26) 2-Nitrophenol	9.822	139	115209	48.499	ng	97
27) 2,4-Dimethylphenol	9.887	122	156381	51.483	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	259827	42.614	ng	100
29) 2,4-Dichlorophenol	10.357	162	210550	45.854	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	246872	43.849	ng	99
31) Naphthalene	10.757	128	630279	42.860	ng	99
32) Benzoic acid	10.028	122	147309	49.775	ng	99
33) 4-Chloroaniline	10.875	127	174329	32.056	ng	98
34) Hexachlorobutadiene	11.028	225	181328	43.462	ng	98
35) Caprolactam	11.675	113	65553	50.430	ng	92
36) 4-Chloro-3-methylphenol	11.999	107	230147	45.967	ng	97
37) 2-Methylnaphthalene	12.363	142	436073	42.849	ng	99
38) 1-Methylnaphthalene	12.581	142	415351	41.531	ng	96
40) 1,2,4,5-Tetrachloroben...	12.728	216	299389	45.277	ng	99
41) Hexachlorocyclopentadiene	12.699	237	319830	107.070	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	187506	46.831	ng	99

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SB-3(4-5)MSD

Manual Integrations

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Supervised By :mohammad ahmed 02/14/2024

Quant Time: Feb 12 15:14:21 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M

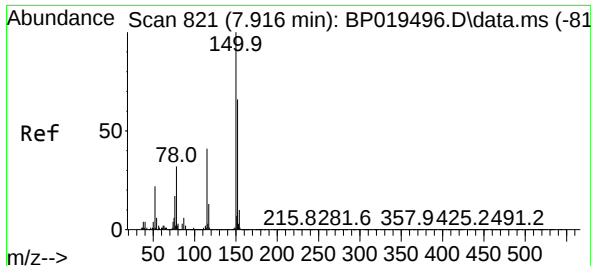
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Feb 01 00:51:48 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	204788	46.579	ng	98
46) 1,1'-Biphenyl	13.381	154	593725	43.388	ng	100
47) 2-Chloronaphthalene	13.416	162	478291	42.578	ng	98
48) 2-Nitroaniline	13.634	65	149428	47.573	ng	95
49) Acenaphthylene	14.263	152	755015	47.908	ng	99
50) Dimethylphthalate	14.010	163	605747	46.151	ng	98
51) 2,6-Dinitrotoluene	14.134	165	132909	46.090	ng	94
52) Acenaphthene	14.604	154	423291	43.276	ng	99
53) 3-Nitroaniline	14.457	138	105827	39.933	ng	96
54) 2,4-Dinitrophenol	14.669	184	171701	114.677	ng	98
55) Dibenzofuran	14.940	168	729892	45.816	ng	99
56) 4-Nitrophenol	14.769	139	240358	110.655	ng	99
57) 2,4-Dinitrotoluene	14.916	165	191760	50.745	ng	97
58) Fluorene	15.592	166	584393	46.057	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	197049	53.283	ng	97
60) Diethylphthalate	15.375	149	619326	47.439	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	327870	45.974	ng	95
62) 4-Nitroaniline	15.628	138	140830	50.698	ng	97
63) Azobenzene	15.887	77	571522	45.271	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	115873	50.252	ng	94
66) n-Nitrosodiphenylamine	15.810	169	521287	43.043	ng	98
67) 4-Bromophenyl-phenylether	16.487	248	218936	43.308	ng	98
68) Hexachlorobenzene	16.587	284	258195	43.736	ng	97
69) Atrazine	16.769	200	216613	53.900	ng	97
70) Pentachlorophenol	16.939	266	370000	100.643	ng	98
71) Phenanthrene	17.339	178	972933	45.717	ng	98
72) Anthracene	17.428	178	1000384	47.122	ng	100
73) Carbazole	17.704	167	904283	46.888	ng	99
74) Di-n-butylphthalate	18.263	149	1102945	47.298	ng	99
75) Fluoranthene	19.304	202	1264527	48.640	ng	99
77) Benzidine	19.498	184	807206	85.847	ng	99
78) Pyrene	19.657	202	1326284	41.784	ng	100
80) Butylbenzylphthalate	20.551	149	541282	45.663	ng	97
81) Benzo(a)anthracene	21.375	228	1442975	45.578	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	522233	45.267	ng	99
83) Chrysene	21.427	228	1340730	44.605	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	783190	43.389	ng	98
85) Di-n-octyl phthalate	22.257	149	1388769	43.730	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1790433	43.917	ng	99
88) Benzo(b)fluoranthene	23.074	252	1518900	45.249	ng	99
89) Benzo(k)fluoranthene	23.122	252	1397092	43.571	ng	99
90) Benzo(a)pyrene	23.704	252	1347514	45.116	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1484180	44.263	ng	99
92) Benzo(g,h,i)perylene	27.121	276	1412994	41.538	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

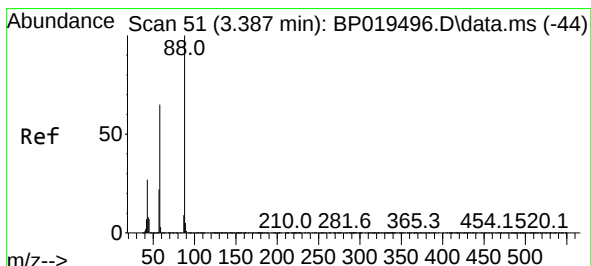
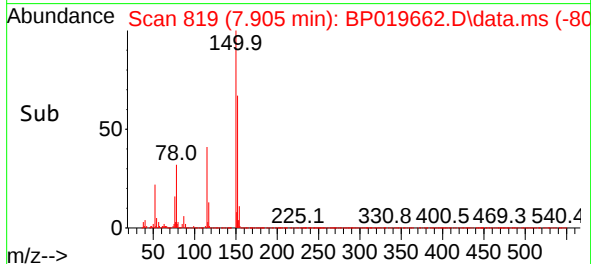
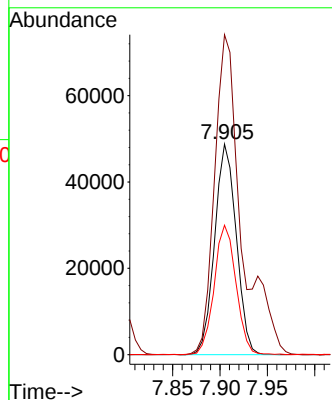
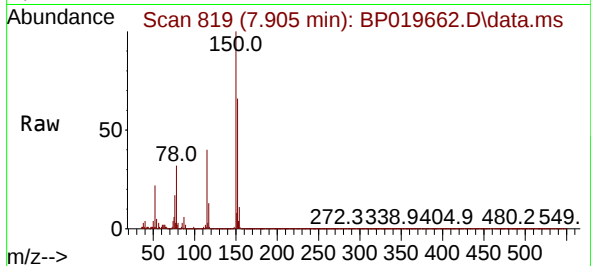
SB-3(4-5)MSD

Tgt Ion:152 Resp: 7764
Ion Ratio Lower Upper
152 100
150 151.9 121.8 182.8
115 61.4 49.9 74.9

Manual Integrations

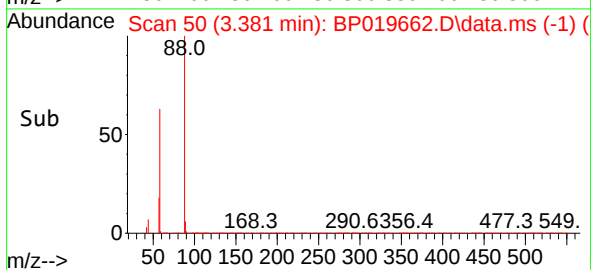
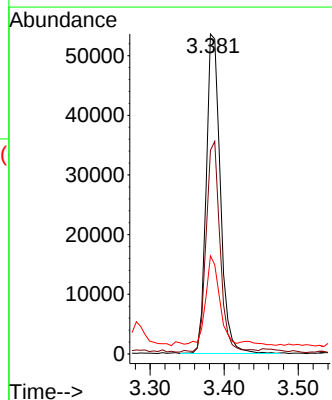
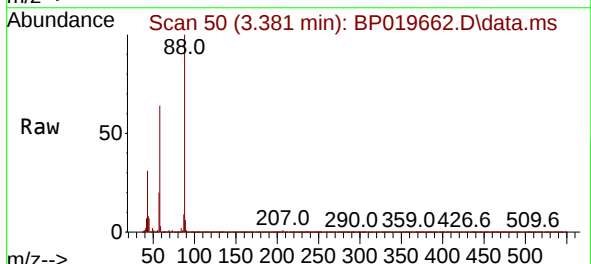
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Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#2
1,4-Dioxane
Concen: 38.324 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion: 88 Resp: 71123
Ion Ratio Lower Upper
88 100
58 65.1 52.6 78.8
43 28.1 21.9 32.9





#3

Pyridine

Concen: 36.856 ng

RT: 3.781 min Scan# 119

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

Tgt Ion: 79 Resp: 18544

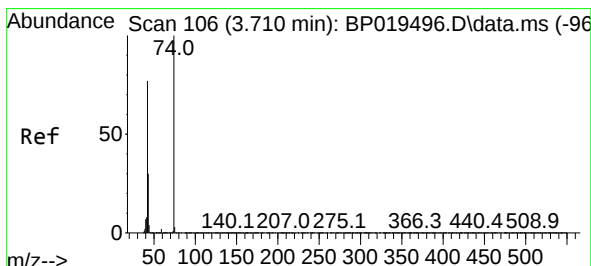
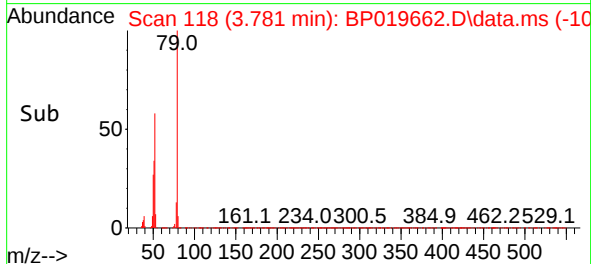
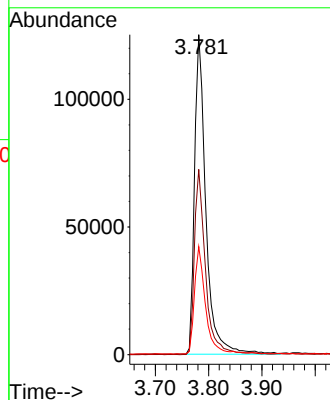
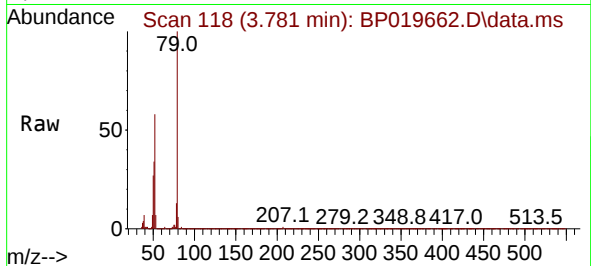
Ion	Ratio	Lower	Upper
79	100		
52	57.9	45.0	67.6
51	33.7	26.8	40.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 41.710 ng

RT: 3.705 min Scan# 105

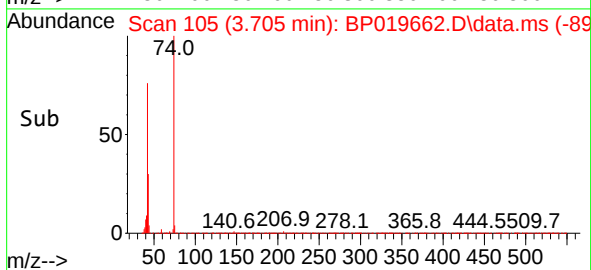
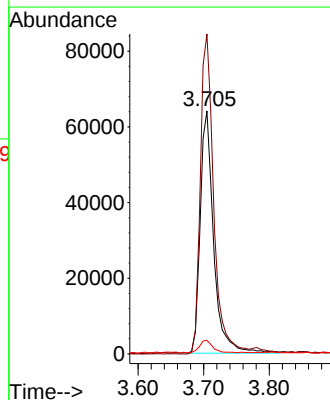
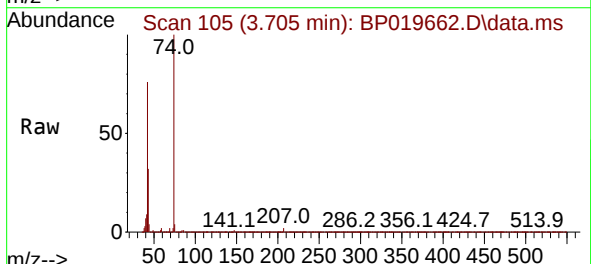
Delta R.T. -0.006 min

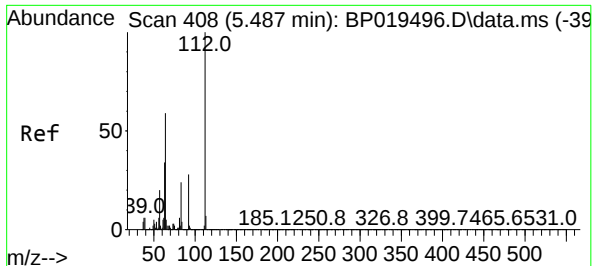
Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Tgt Ion: 42 Resp: 91369

Ion	Ratio	Lower	Upper
42	100		
74	131.6	103.4	155.2
44	5.6	4.8	7.2





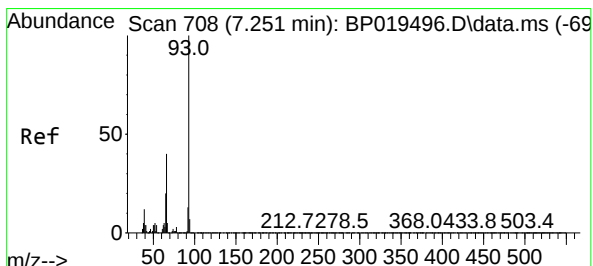
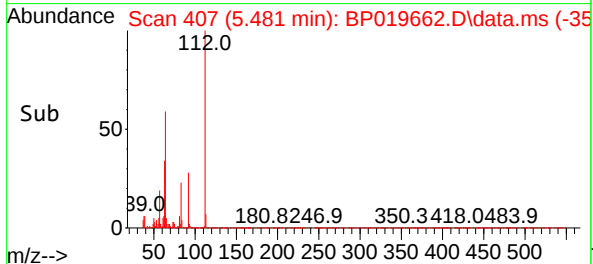
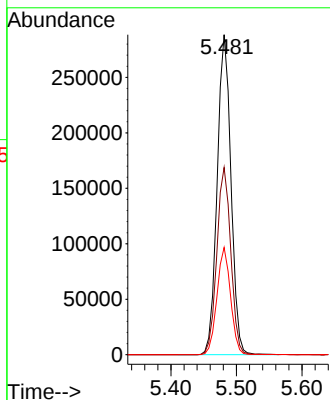
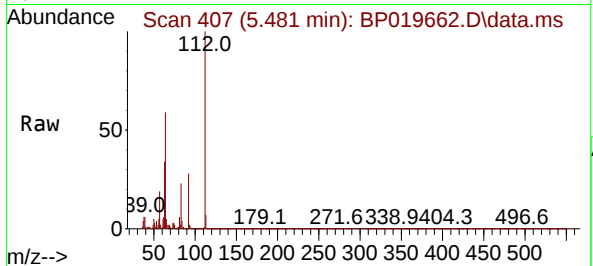
#5
2-Fluorophenol
Concen: 86.919 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion:112 Resp: 418680
Ion Ratio Lower Upper
112 100
64 58.5 47.4 71.0
63 33.5 27.0 40.6

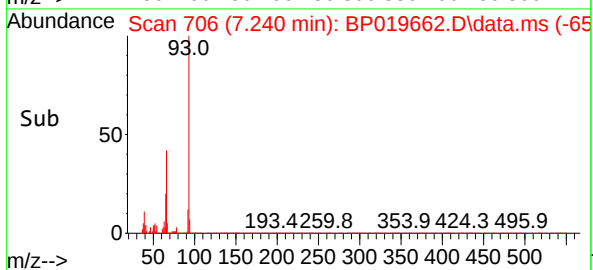
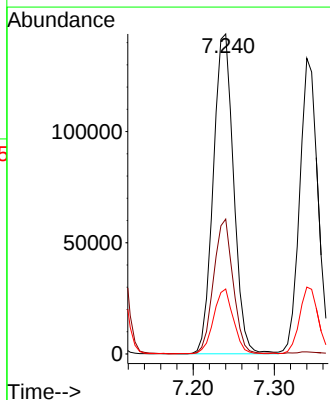
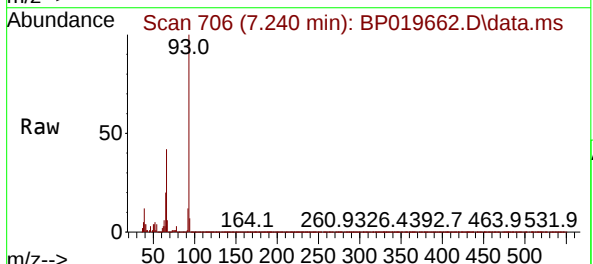
Manual Integrations
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#6
Aniline
Concen: 39.725 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

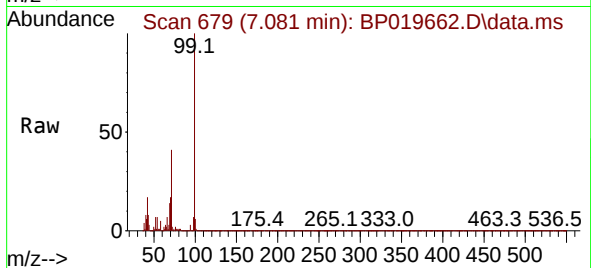
Tgt Ion: 93 Resp: 250702
Ion Ratio Lower Upper
93 100
66 42.1 32.3 48.5
65 20.3 16.4 24.6





#7
Phenol-d6
Concen: 83.579 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

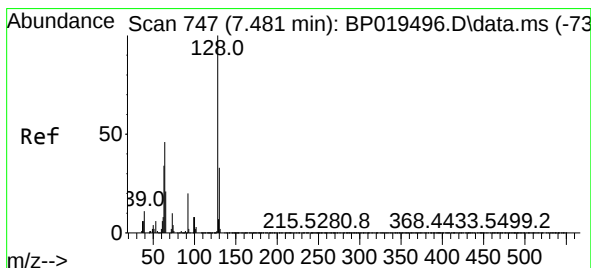
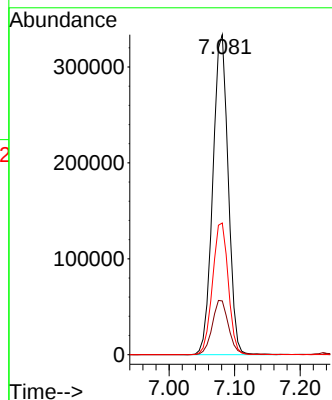
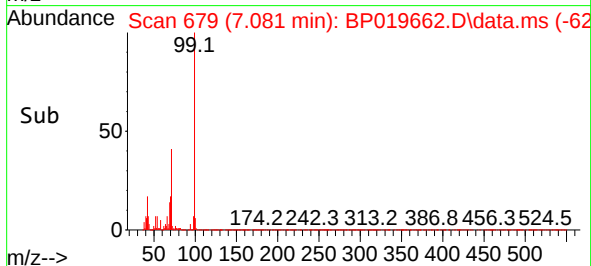
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD



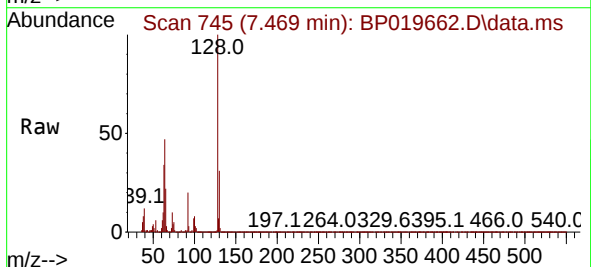
Tgt Ion: 99 Resp: 54284
Ion Ratio Lower Upper
99 100
42 16.8 14.7 22.1
71 41.1 34.8 52.2

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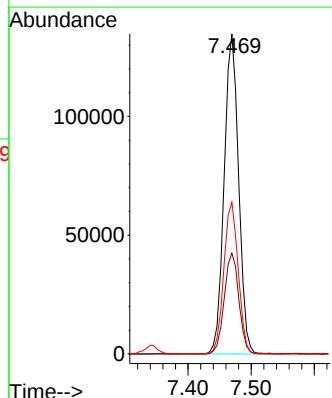
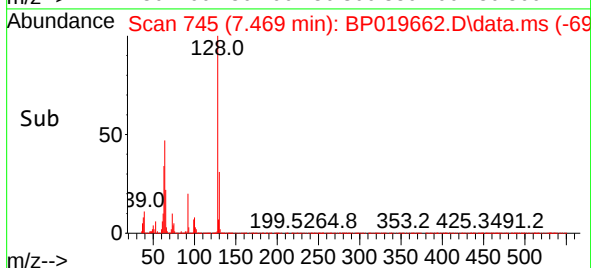
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

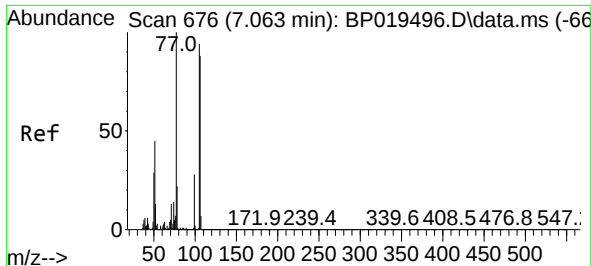


#8
2-Chlorophenol
Concen: 43.347 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46



Tgt Ion:128 Resp: 214370
Ion Ratio Lower Upper
128 100
130 31.5 13.3 53.3
64 47.4 29.7 69.7





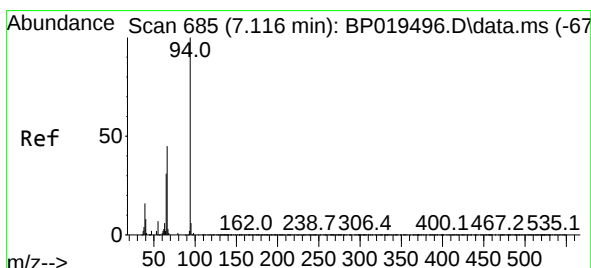
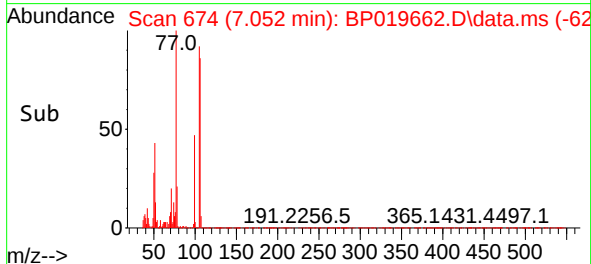
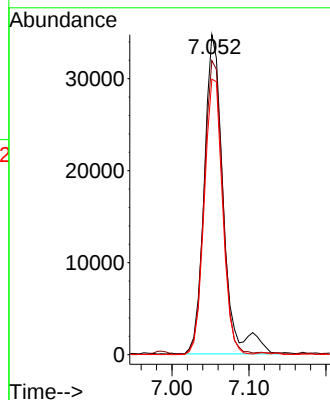
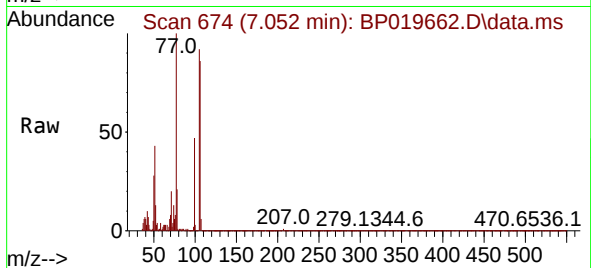
#9
Benzaldehyde
Concen: 13.126 ng m
RT: 7.052 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion: 77 Resp: 5977
Ion Ratio Lower Upper
77 100
105 91.9 74.0 114.0
106 86.1 67.8 107.8

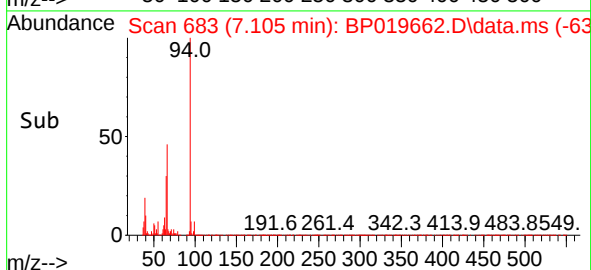
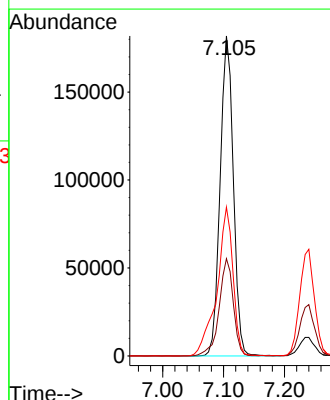
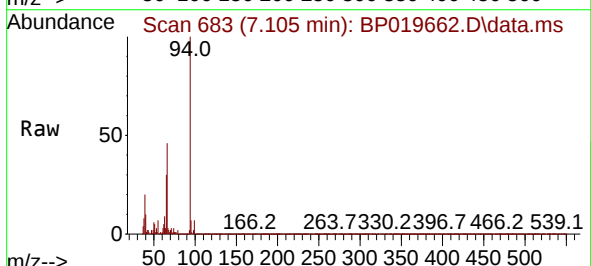
Manual Integrations
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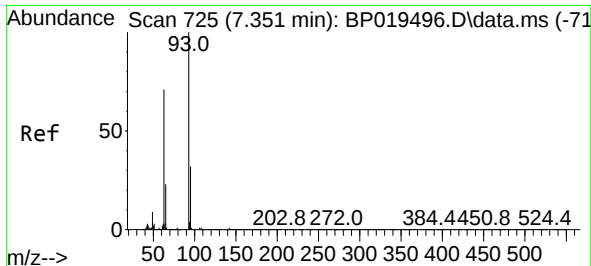
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#10
Phenol
Concen: 42.221 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion: 94 Resp: 273316
Ion Ratio Lower Upper
94 100
65 30.4 11.3 51.3
66 46.5 25.1 65.1





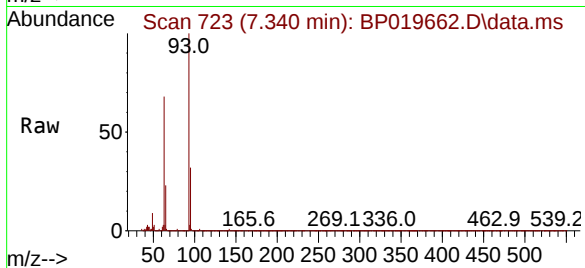
#11
bis(2-Chloroethyl)ether
Concen: 41.200 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD



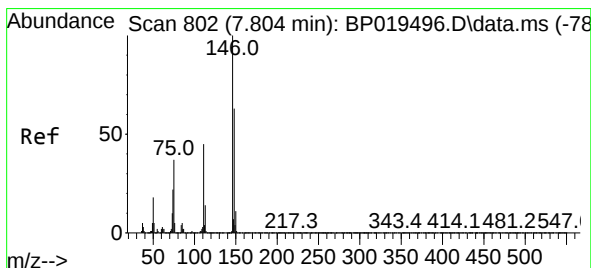
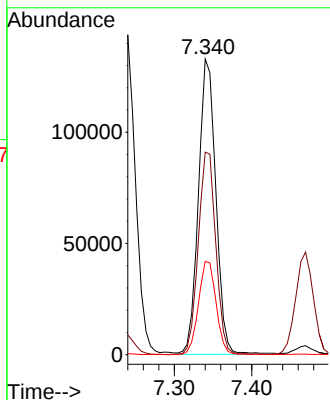
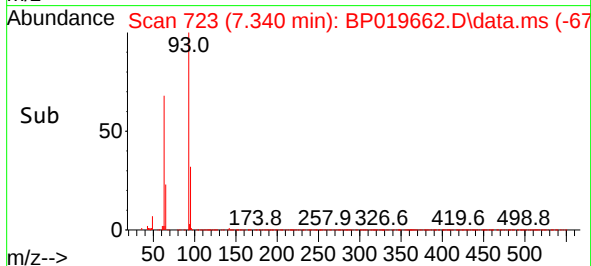
Tgt Ion: 93 Resp: 20749
Ion Ratio Lower Upper
93 100
63 68.5 51.2 91.2
95 31.6 11.8 51.8

Manual Integrations

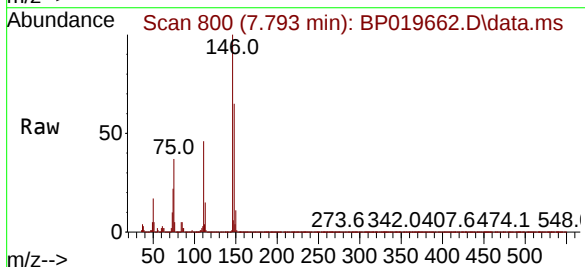
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

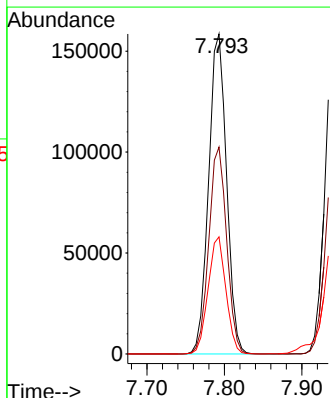
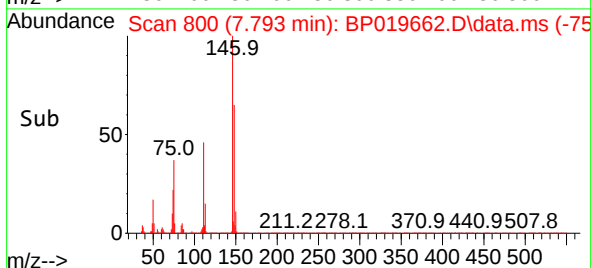
Supervised By :mohammad ahmed 02/14/2024

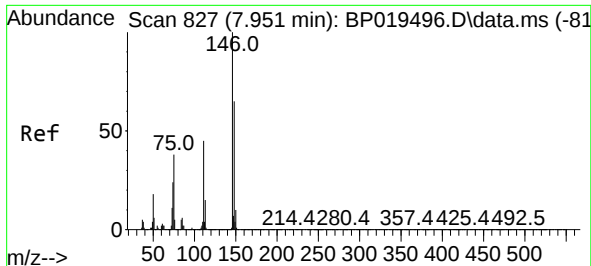


#12
1,3-Dichlorobenzene
Concen: 42.096 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46



Tgt Ion:146 Resp: 254738
Ion Ratio Lower Upper
146 100
148 64.7 50.4 75.6
75 36.6 29.9 44.9





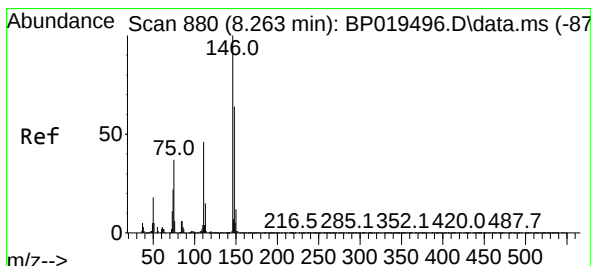
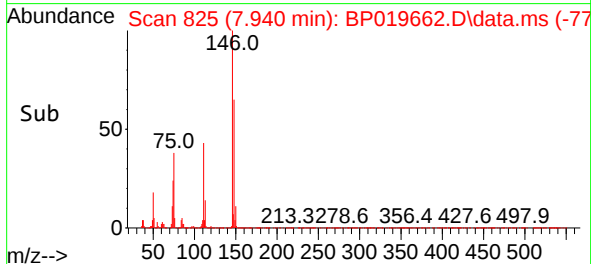
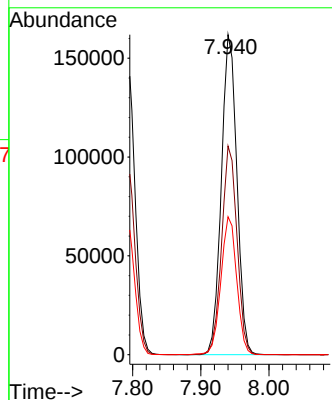
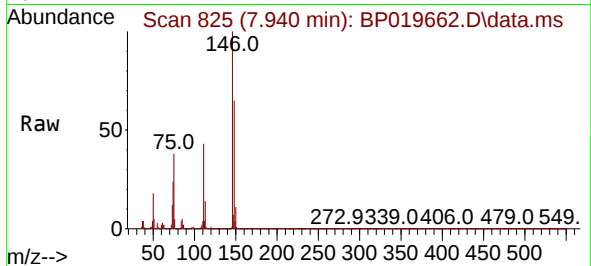
#13
1,4-Dichlorobenzene
Concen: 41.952 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion:146 Resp: 257199
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
111 43.1 35.8 53.6

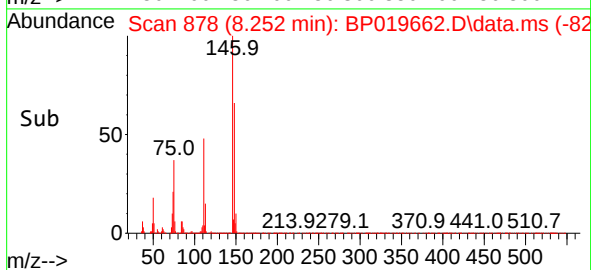
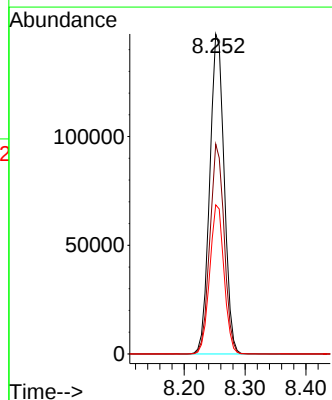
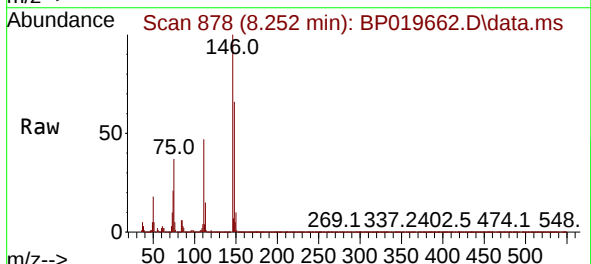
Manual Integrations
APPROVED

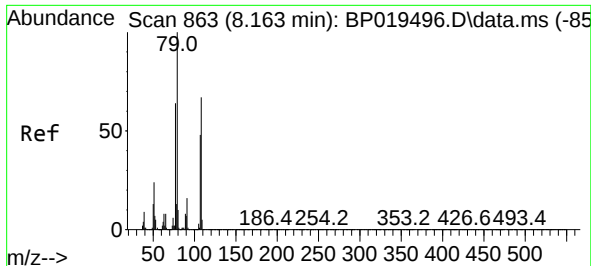
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#14
1,2-Dichlorobenzene
Concen: 40.897 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:146 Resp: 242591
Ion Ratio Lower Upper
146 100
148 65.6 51.4 77.0
111 46.6 37.0 55.6





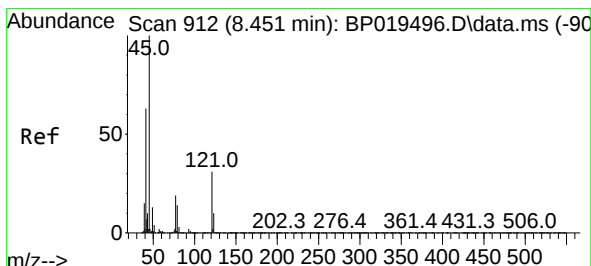
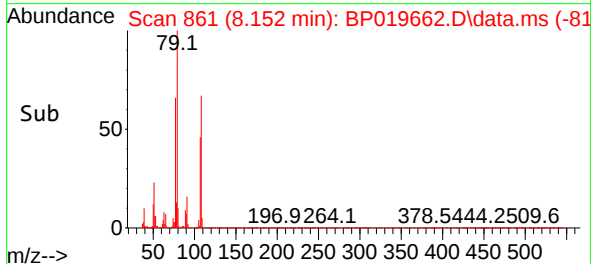
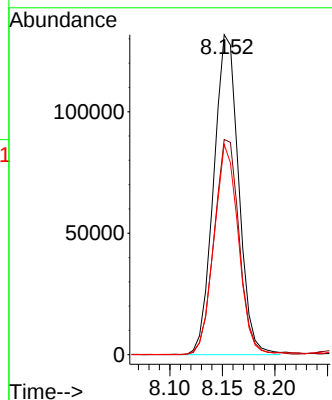
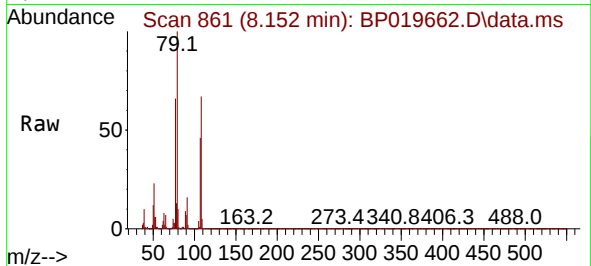
#15
Benzyl Alcohol
Concen: 41.890 ng m
RT: 8.152 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion: 79 Resp: 21739
Ion Ratio Lower Upper
79 100
108 67.3 53.8 80.6
77 65.7 51.3 76.9

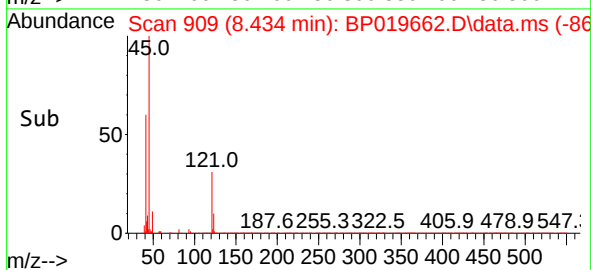
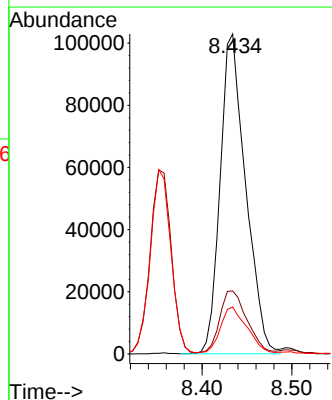
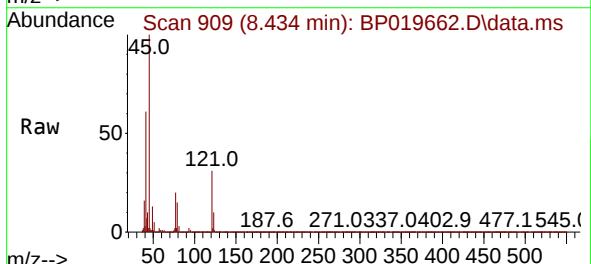
Manual Integrations
APPROVED

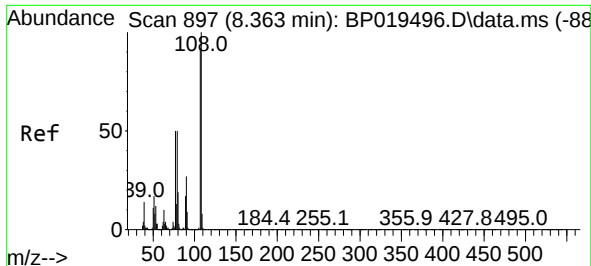
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.289 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.017 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

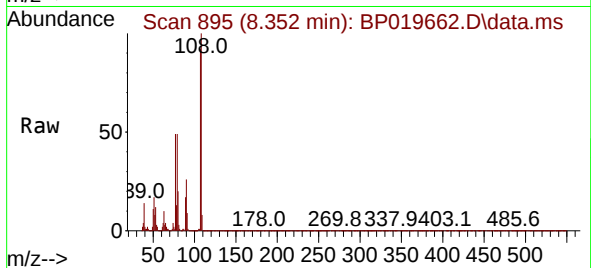
Tgt Ion: 45 Resp: 202902
Ion Ratio Lower Upper
45 100
77 19.7 0.8 40.8
79 14.7 0.0 35.5





#17
2-Methylphenol
Concen: 41.103 ng
RT: 8.352 min Scan# 897
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

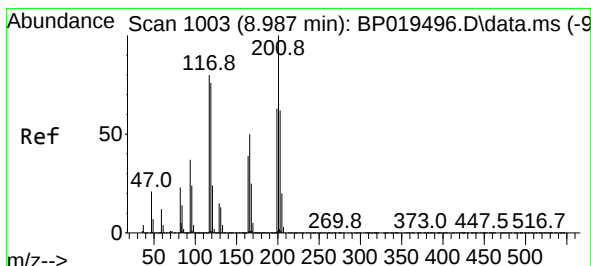
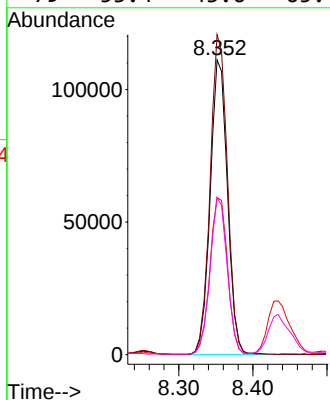
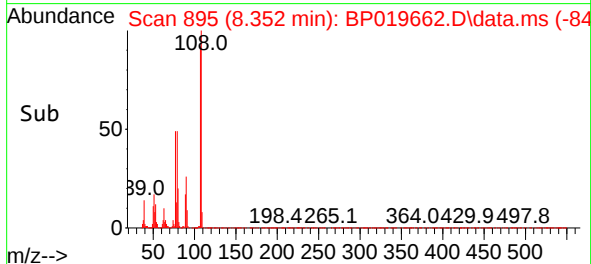
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD



Tgt Ion:107 Resp: 17913
Ion Ratio Lower Upper
107 100
108 108.6 87.0 130.6
77 53.3 43.5 65.3
79 53.4 43.6 65.4

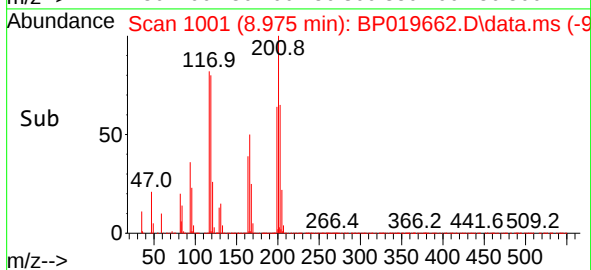
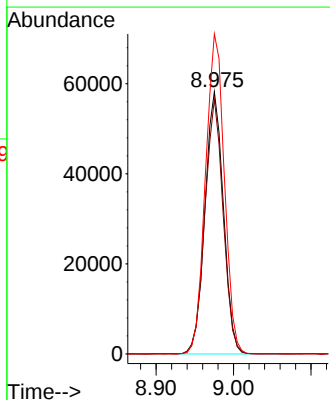
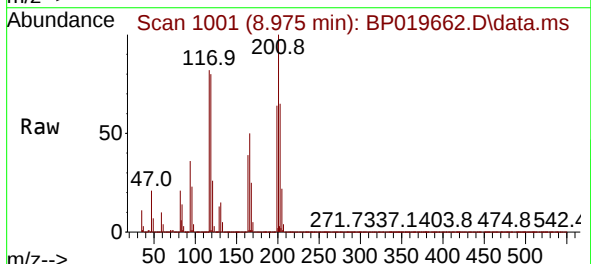
Manual Integrations
APPROVED

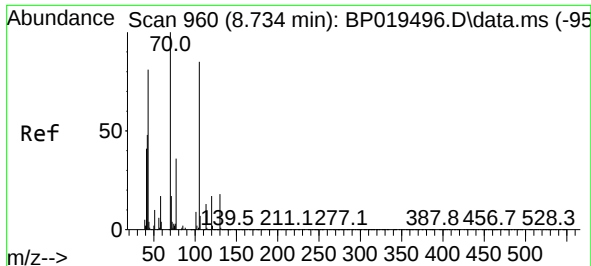
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#18
Hexachloroethane
Concen: 40.579 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:117 Resp: 96429
Ion Ratio Lower Upper
117 100
119 97.2 75.5 113.3
201 122.0 99.4 149.2





#19

n-Nitroso-di-n-propylamine

Concen: 37.859 ng

RT: 8.722 min Scan# 91

Delta R.T. -0.011 min

Lab File: BP019662.D

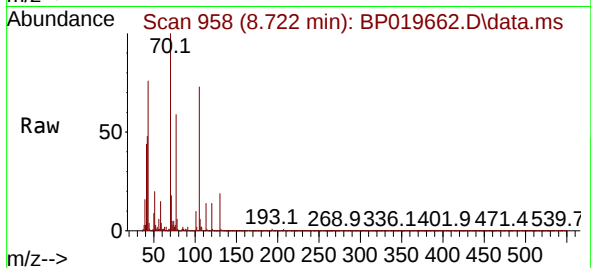
Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD



Tgt Ion: 70 Resp: 16795

Ion Ratio Lower Upper

70 100

42 48.3 39.2 58.8

101 10.1 7.3 10.9

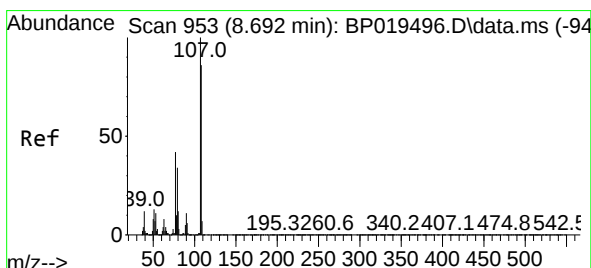
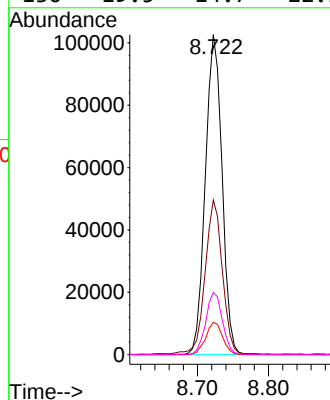
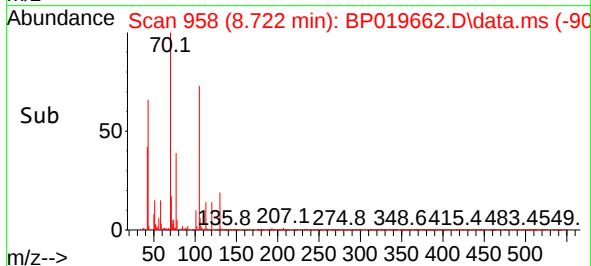
130 19.5 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#20

3+4-Methylphenols

Concen: 40.630 ng

RT: 8.681 min Scan# 951

Delta R.T. -0.011 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Tgt Ion:107 Resp: 241662

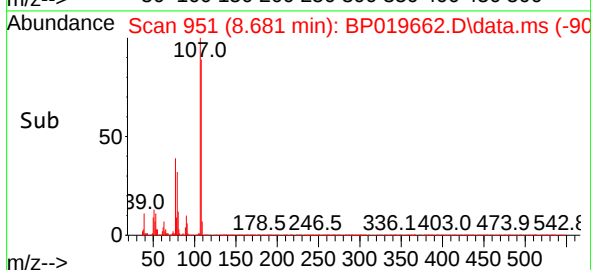
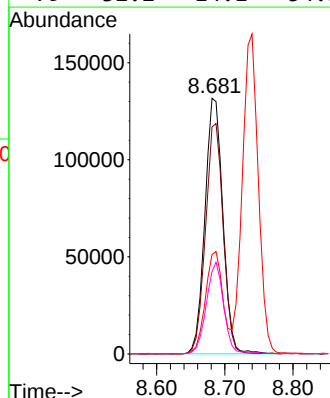
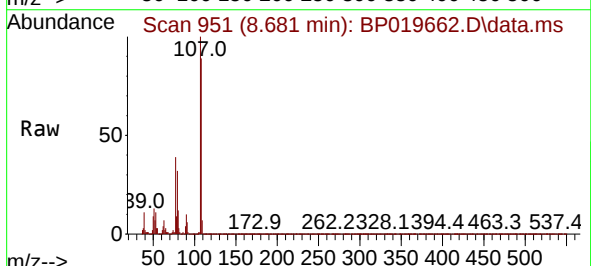
Ion Ratio Lower Upper

107 100

108 88.8 65.5 105.5

77 38.9 21.8 61.8

79 32.2 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

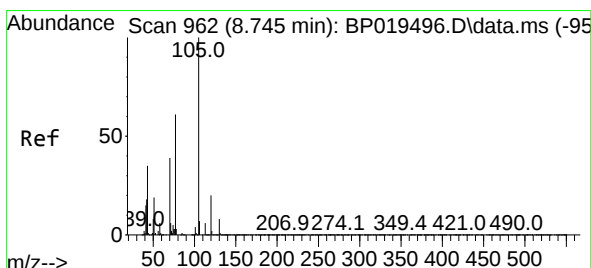
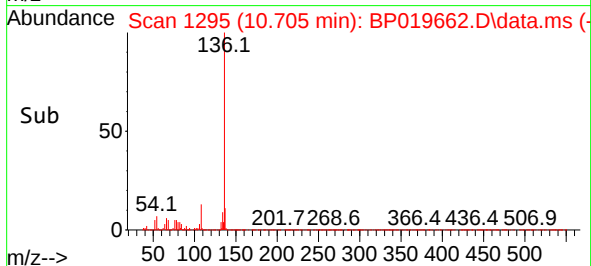
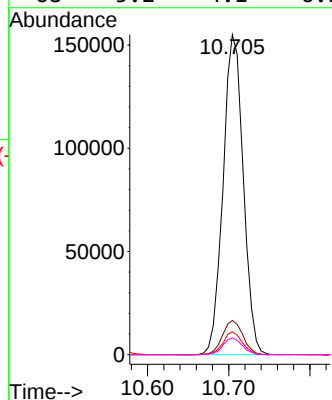
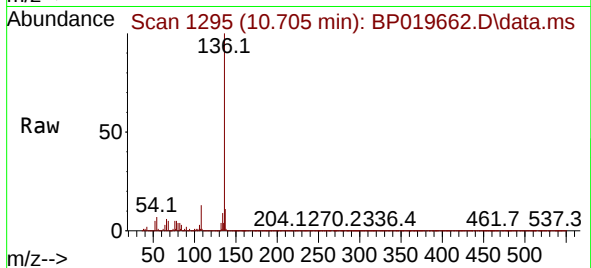
SB-3(4-5)MSD

Tgt Ion:136 Resp: 268125
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.2 5.3 7.9
68 5.2 4.1 6.1

Manual Integrations

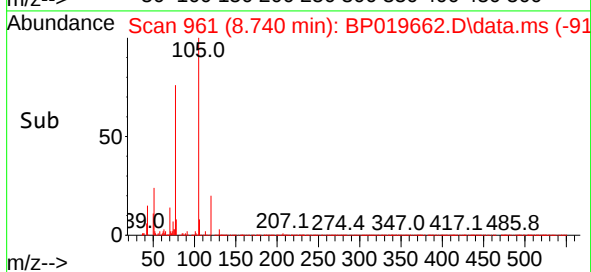
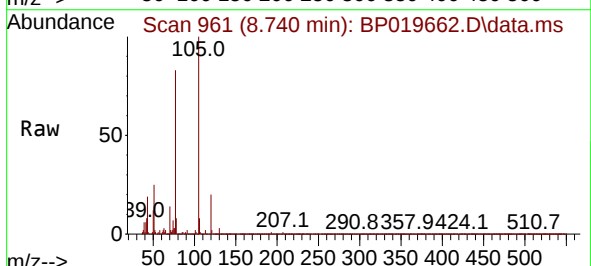
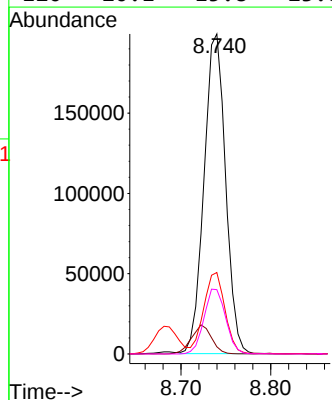
APPROVED

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



#22
Acetophenone
Concen: 43.452 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:105 Resp: 331905
Ion Ratio Lower Upper
105 100
71 2.3 4.9 7.3#
51 25.4 20.7 31.1
120 20.1 15.8 23.8





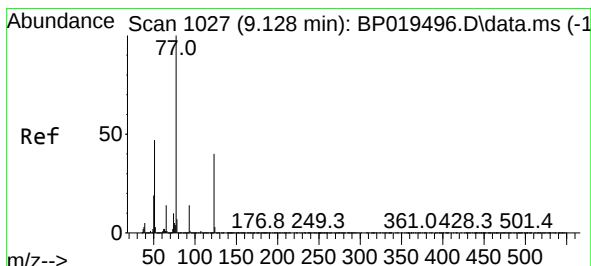
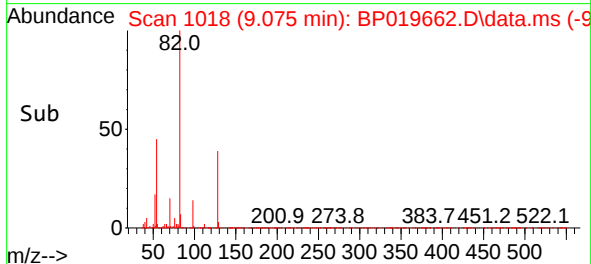
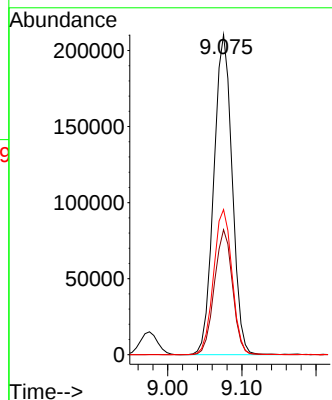
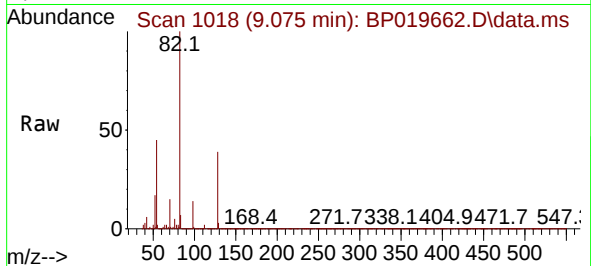
#23
Nitrobenzene-d5
Concen: 58.384 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion: 82 Resp: 361264
Ion Ratio Lower Upper
82 100
128 39.1 29.7 44.5
54 45.4 36.8 55.2

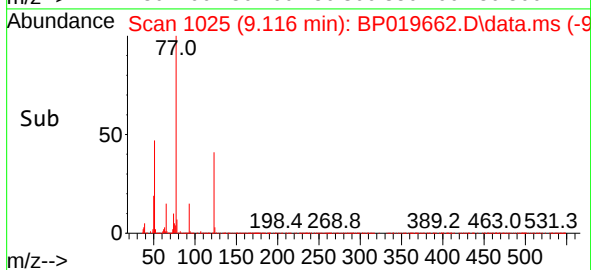
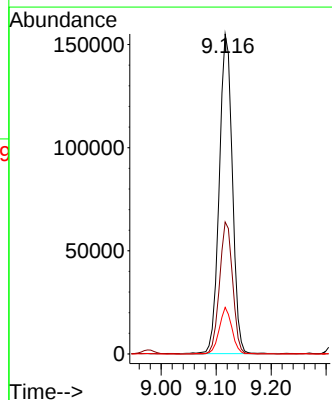
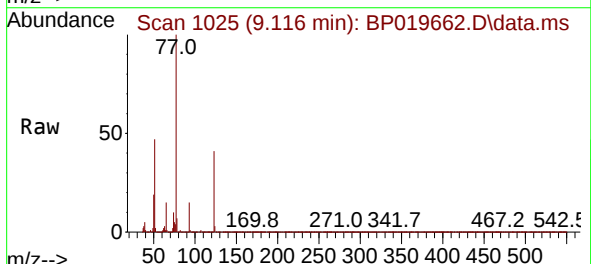
Manual Integrations
APPROVED

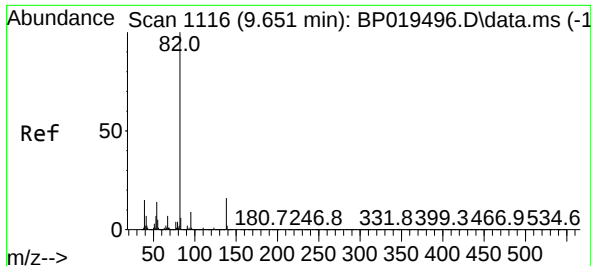
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#24
Nitrobenzene
Concen: 41.163 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

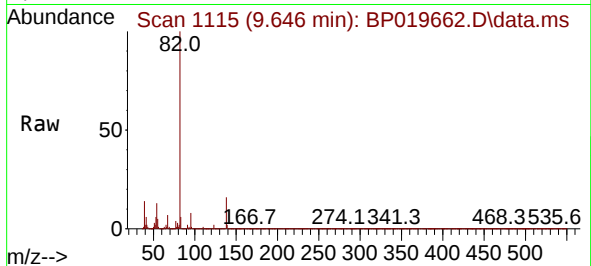
Tgt Ion: 77 Resp: 256449
Ion Ratio Lower Upper
77 100
123 41.3 32.3 48.5
65 14.6 11.6 17.4





#25
Isophorone
Concen: 42.159 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

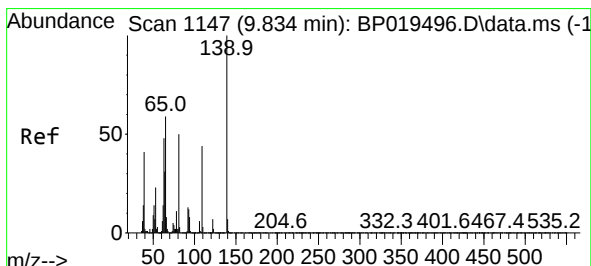
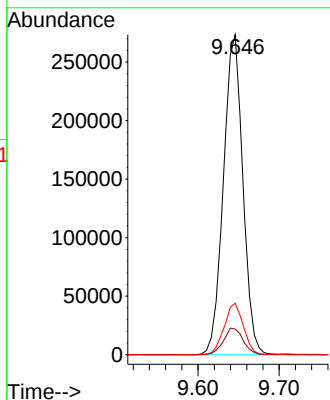
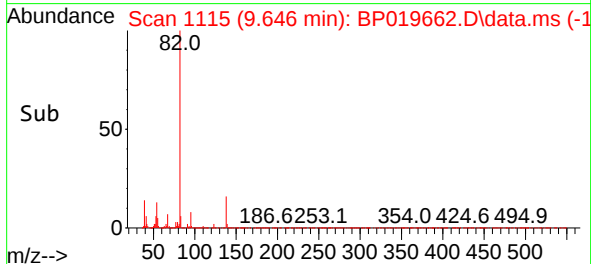
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD



Tgt Ion: 82 Resp: 45432
Ion Ratio Lower Upper
82 100
95 8.0 7.0 10.4
138 16.1 13.1 19.7

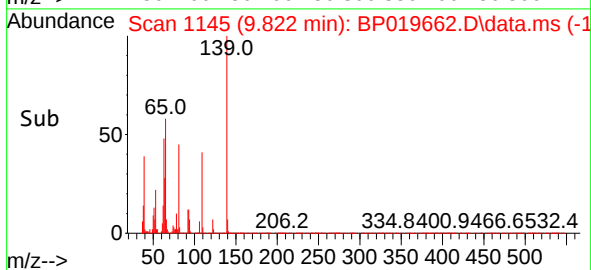
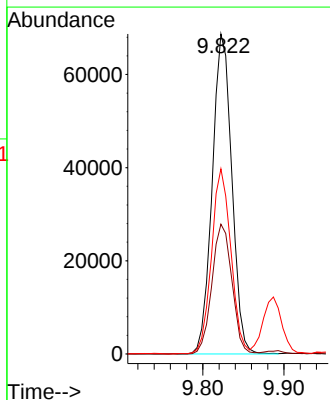
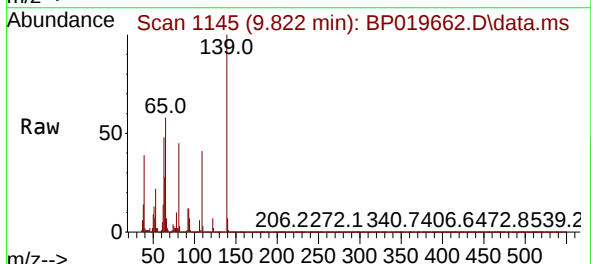
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 48.499 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:139 Resp: 115209
Ion Ratio Lower Upper
139 100
109 40.6 34.9 52.3
65 57.8 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 51.483 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

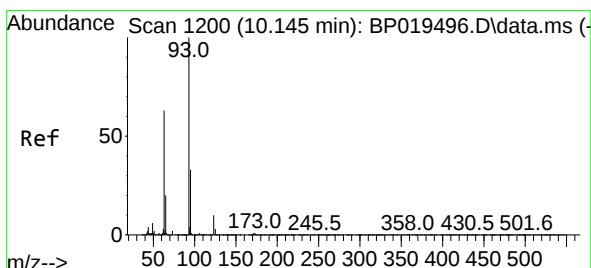
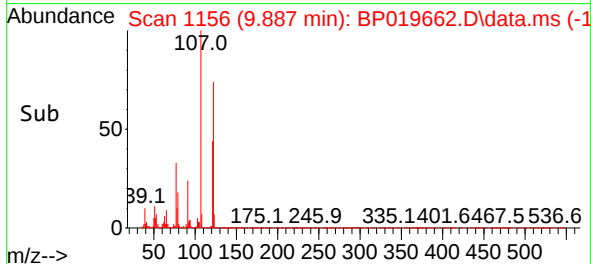
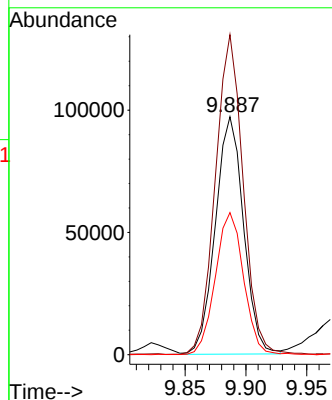
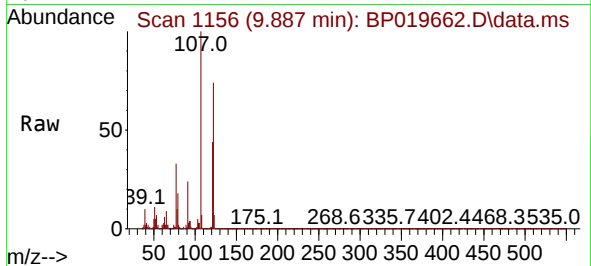
ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:122 Resp: 15638
Ion Ratio Lower Upper
122 100
107 134.5 105.9 158.9
121 59.7 47.5 71.3

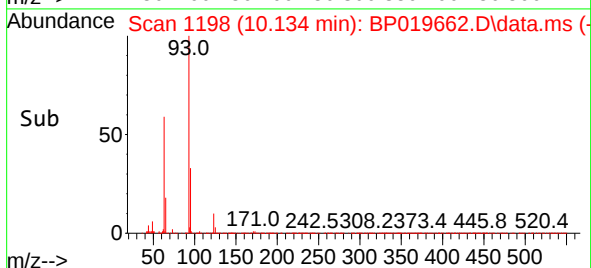
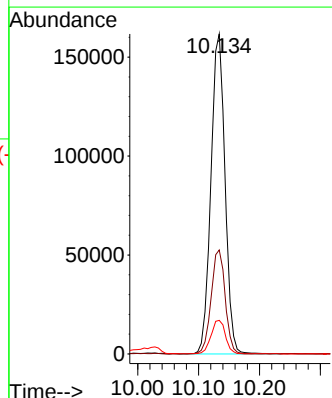
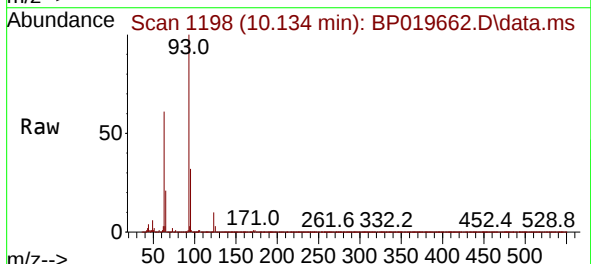
Manual Integrations
APPROVED

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



#28
bis(2-Chloroethoxy)methane
Concen: 42.614 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion: 93 Resp: 259827
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 10.5 8.5 12.7





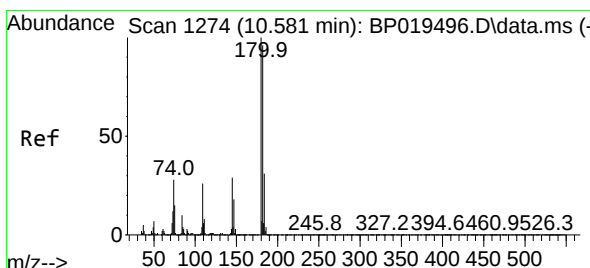
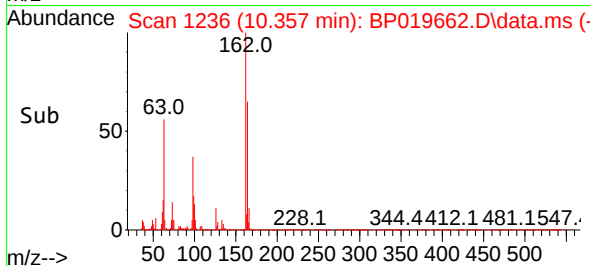
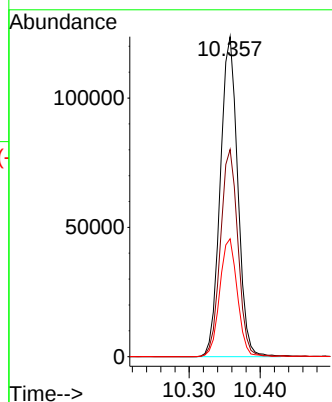
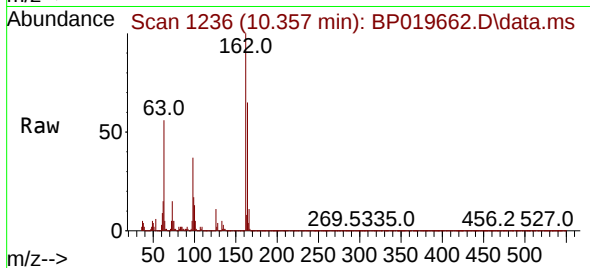
#29
2,4-Dichlorophenol
Concen: 45.854 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion:162 Resp: 210550
Ion Ratio Lower Upper
162 100
164 64.7 46.0 86.0
98 36.9 18.7 58.7

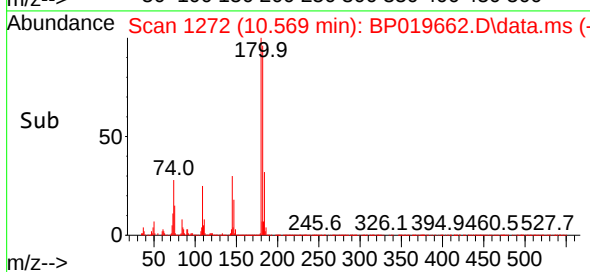
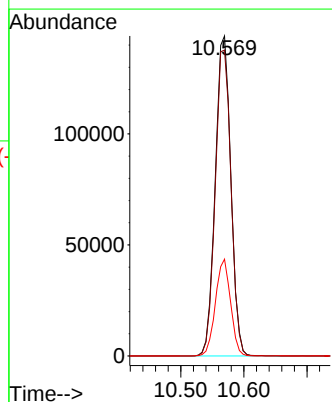
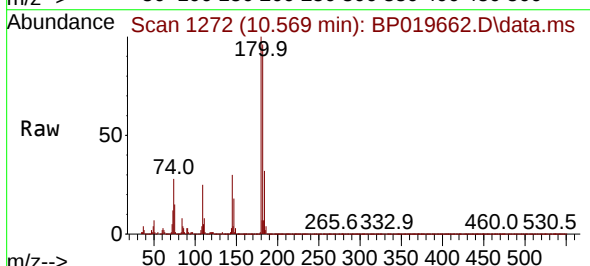
Manual Integrations
APPROVED

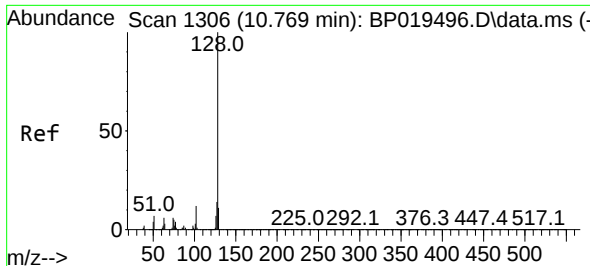
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.849 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:180 Resp: 246872
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.6
145 30.2 23.2 34.8





#31
Naphthalene
Concen: 42.860 ng
RT: 10.757 min Scan# 1180
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

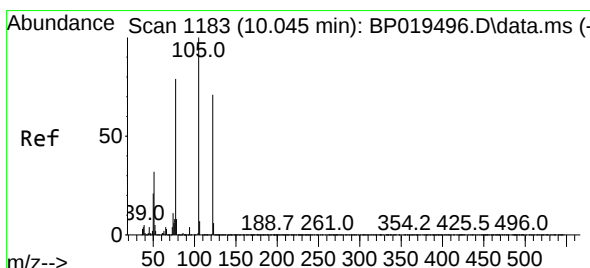
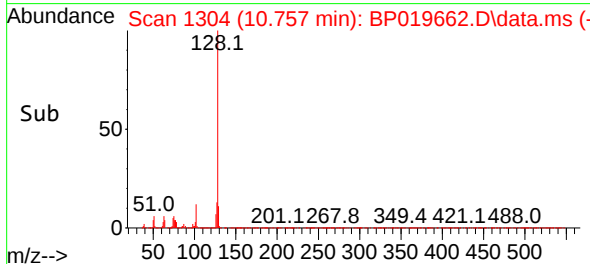
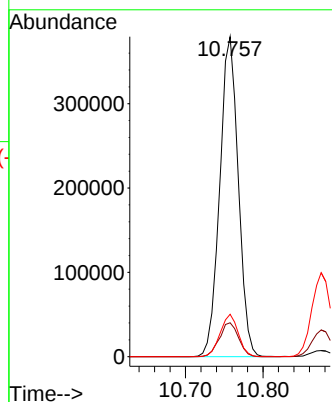
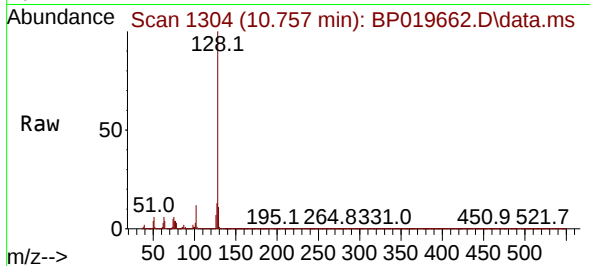
ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:128 Resp: 630279
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.3 10.8 16.2

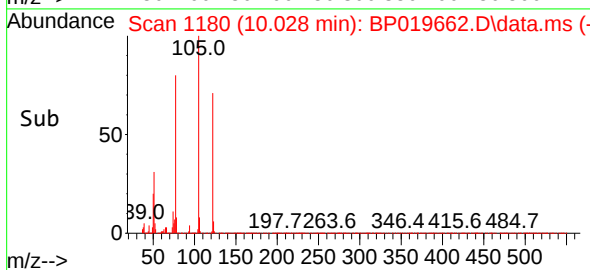
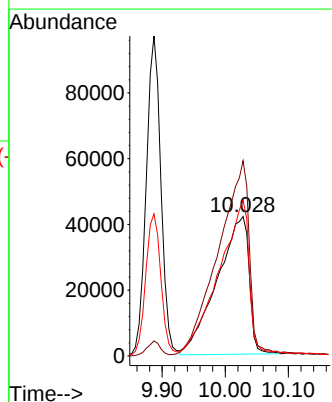
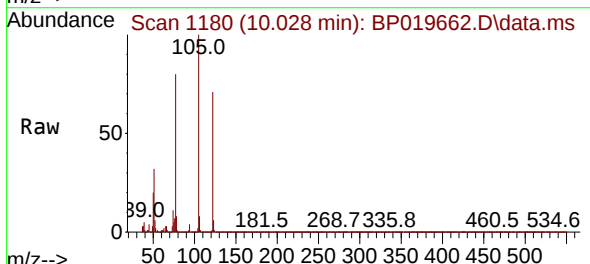
Manual Integrations
APPROVED

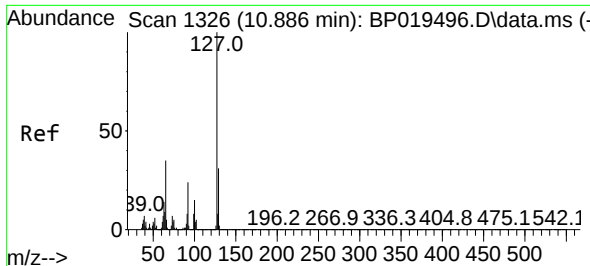
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#32
Benzoic acid
Concen: 49.775 ng
RT: 10.028 min Scan# 1180
Delta R.T. -0.017 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:122 Resp: 147309
Ion Ratio Lower Upper
122 100
105 140.1 118.8 158.8
77 111.9 91.7 131.7





#33
4-Chloroaniline
Concen: 32.056 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

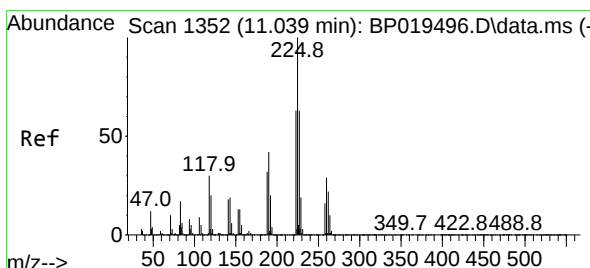
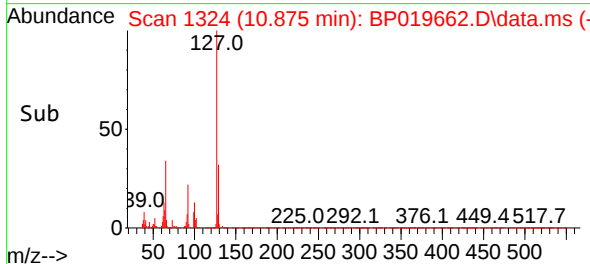
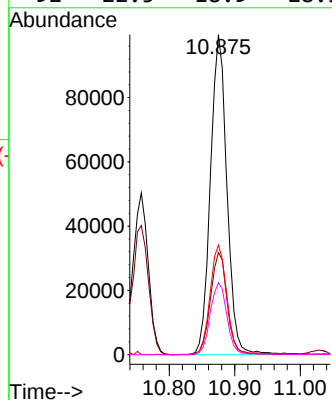
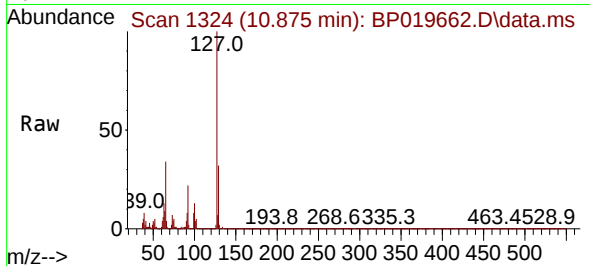
ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:127 Resp: 174329
Ion Ratio Lower Upper
127 100
129 31.9 24.6 36.8
65 34.3 28.2 42.4
92 22.5 18.9 28.3

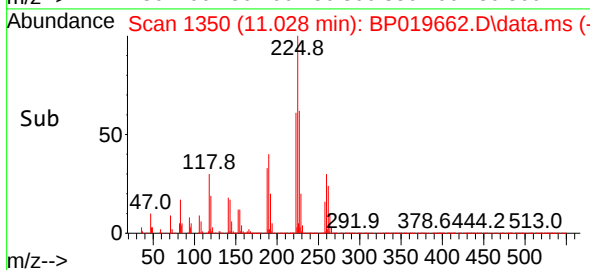
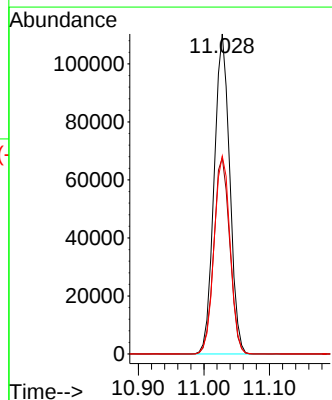
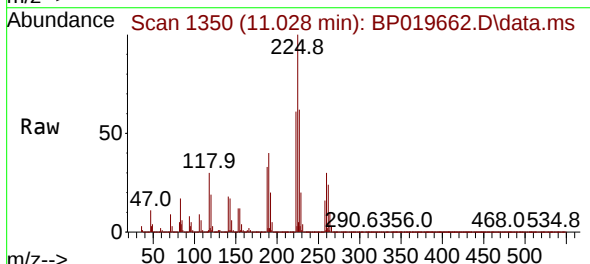
Manual Integrations
APPROVED

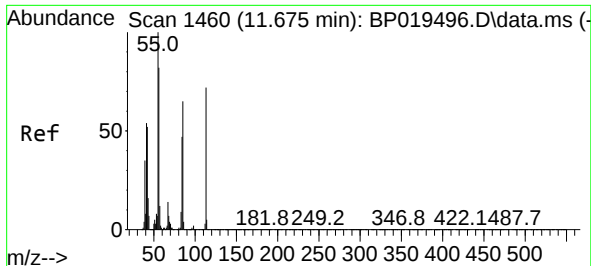
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#34
Hexachlorobutadiene
Concen: 43.462 ng
RT: 11.028 min Scan# 1350
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:225 Resp: 181328
Ion Ratio Lower Upper
225 100
223 61.4 50.5 75.7
227 61.8 50.2 75.2





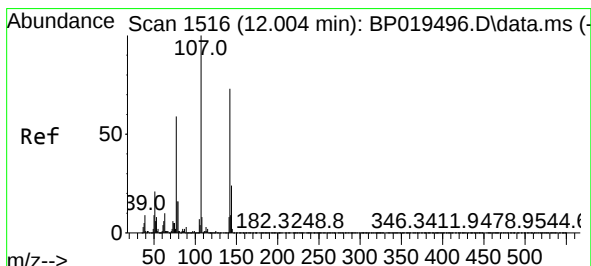
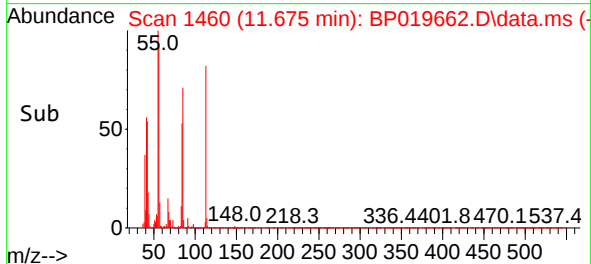
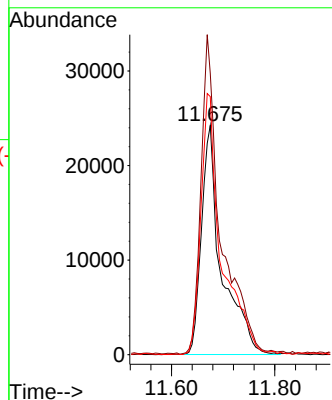
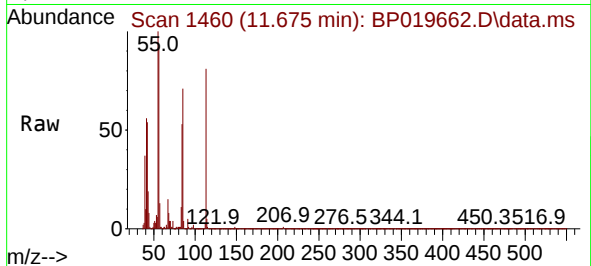
#35
Caprolactam
Concen: 50.430 ng
RT: 11.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion:113 Resp: 6555
Ion Ratio Lower Upper
113 100
55 122.7 120.0 160.0
56 112.6 94.0 134.0

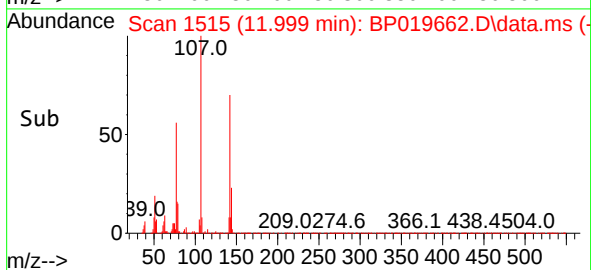
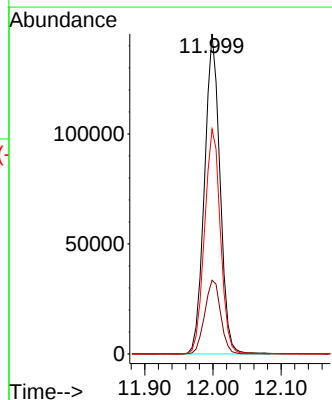
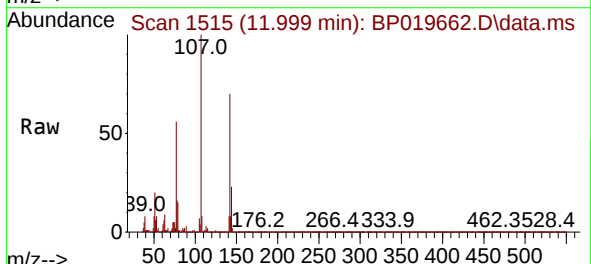
Manual Integrations
APPROVED

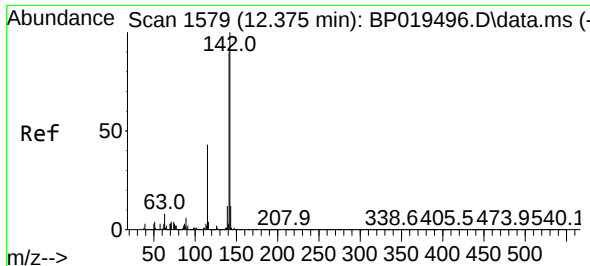
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#36
4-Chloro-3-methylphenol
Concen: 45.967 ng
RT: 11.999 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:107 Resp: 230147
Ion Ratio Lower Upper
107 100
144 23.0 19.0 28.4
142 70.3 58.6 88.0





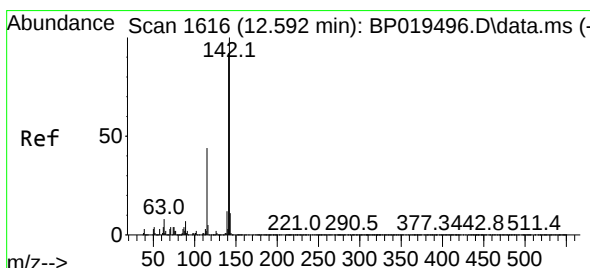
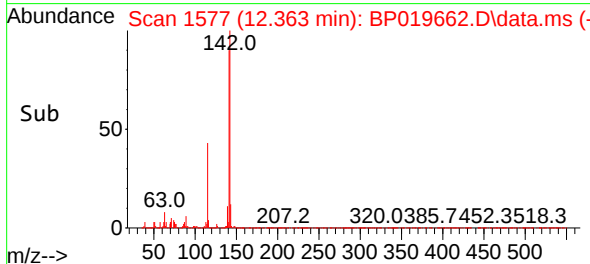
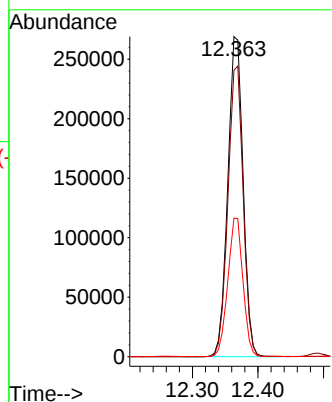
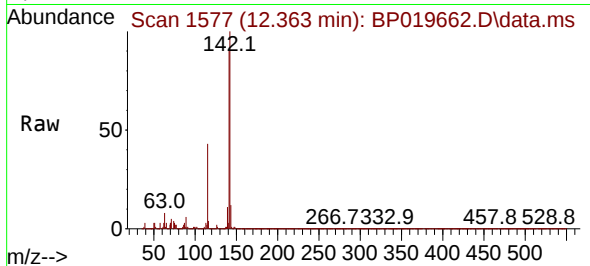
#37
2-Methylnaphthalene
Concen: 42.849 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion:142 Resp: 43607
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.4
115 43.3 34.2 51.2

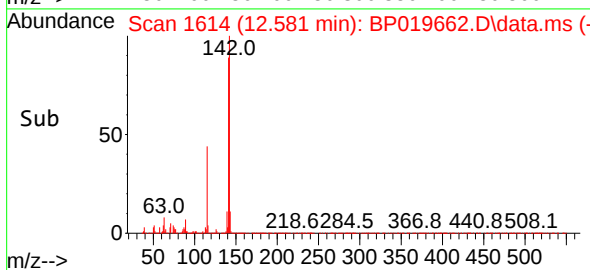
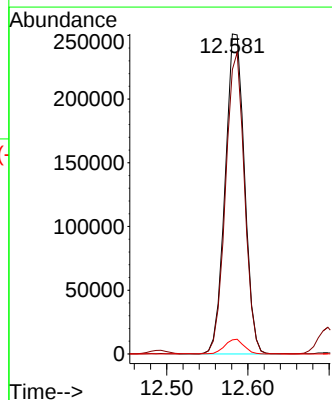
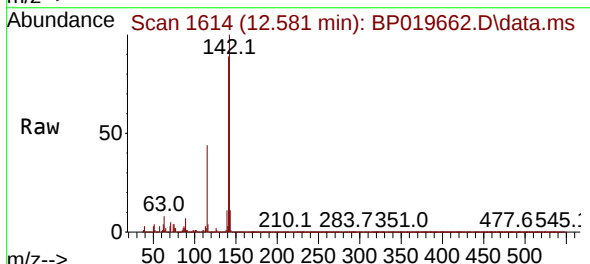
Manual Integrations
APPROVED

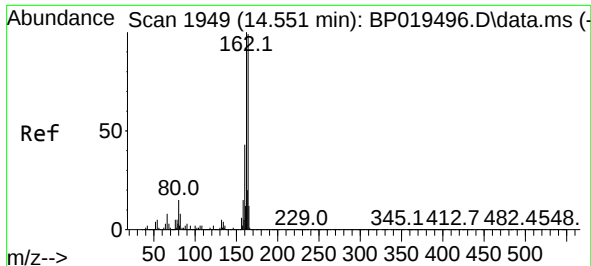
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#38
1-Methylnaphthalene
Concen: 41.531 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:142 Resp: 415351
Ion Ratio Lower Upper
142 100
141 88.9 74.0 111.0
116 4.4 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

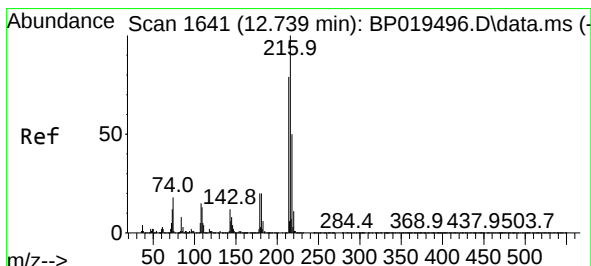
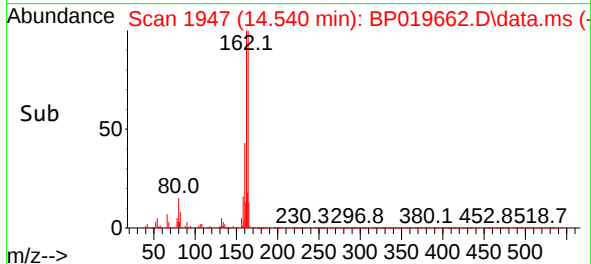
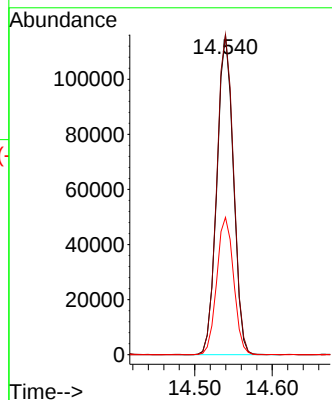
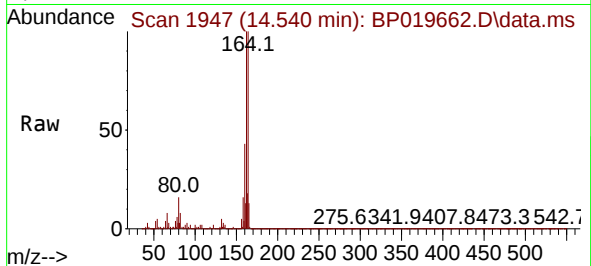
ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:164 Resp: 17145
Ion Ratio Lower Upper
164 100
162 100.0 81.2 121.8
160 42.9 35.1 52.7

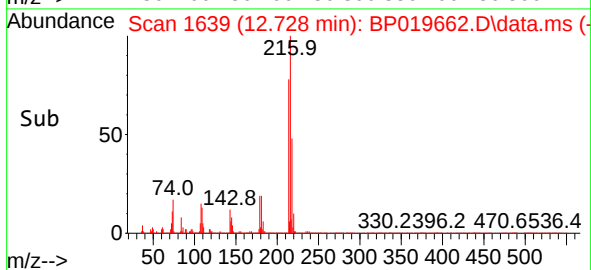
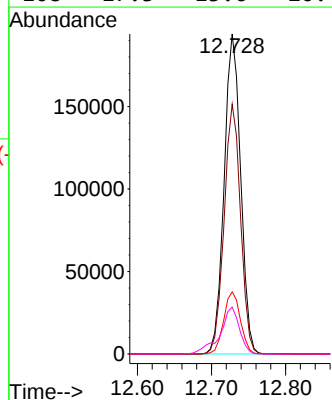
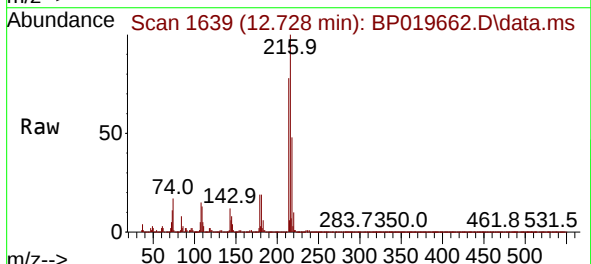
Manual Integrations
APPROVED

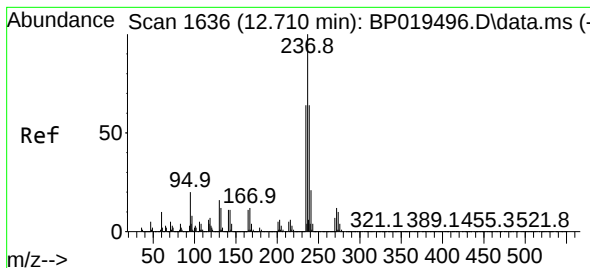
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.277 ng
RT: 12.728 min Scan# 1639
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:216 Resp: 299389
Ion Ratio Lower Upper
216 100
214 77.7 62.8 94.2
179 19.7 16.6 24.8
108 17.3 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 107.070 ng

RT: 12.699 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:237 Resp: 319830

Ion Ratio Lower Upper

237 100

235 62.7 43.7 83.7

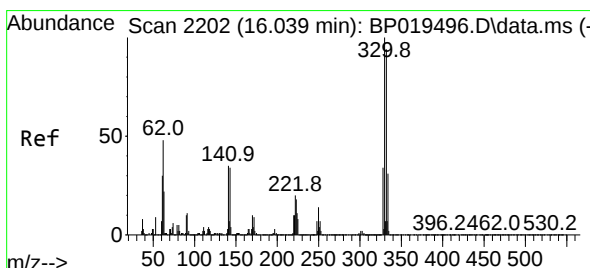
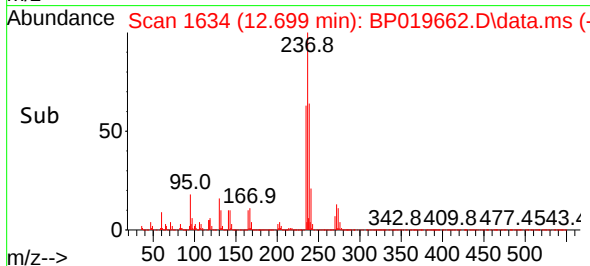
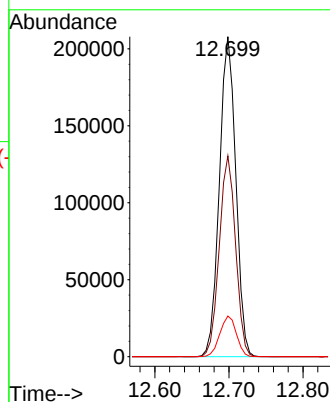
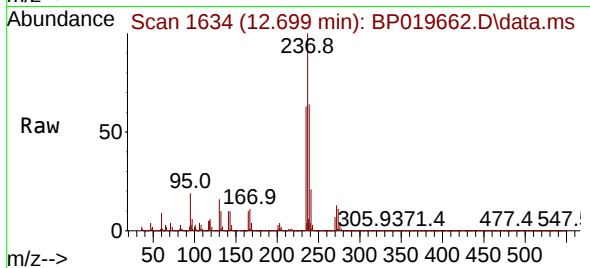
272 12.7 0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#42

2,4,6-Tribromophenol

Concen: 114.493 ng

RT: 16.034 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

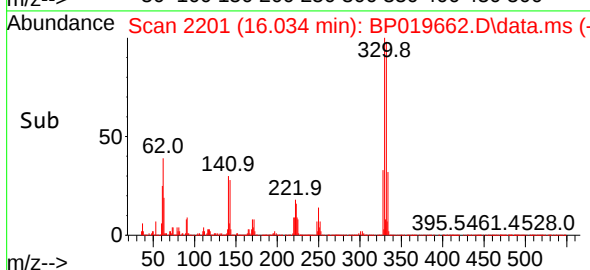
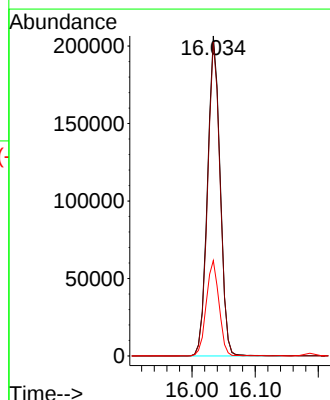
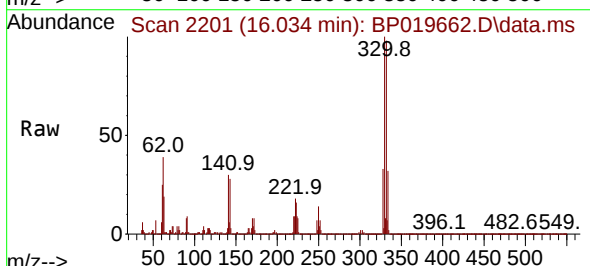
Tgt Ion:330 Resp: 286614

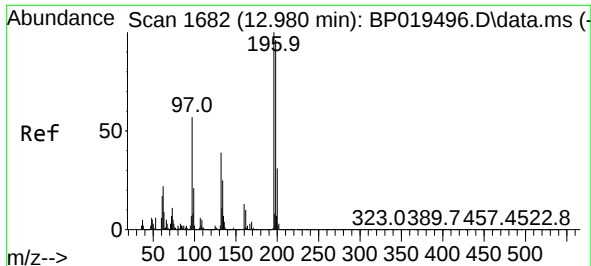
Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

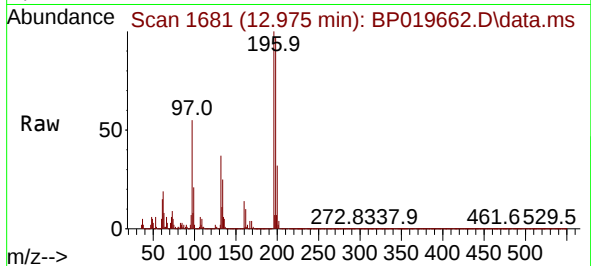
141 30.1 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 46.831 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

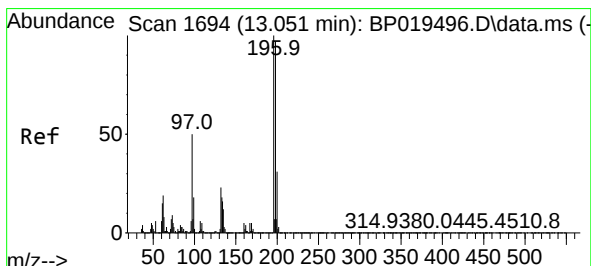
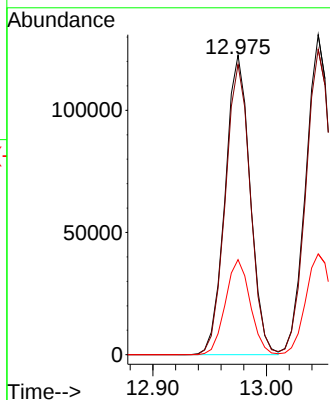
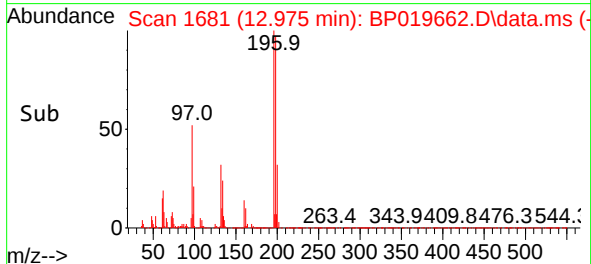
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD



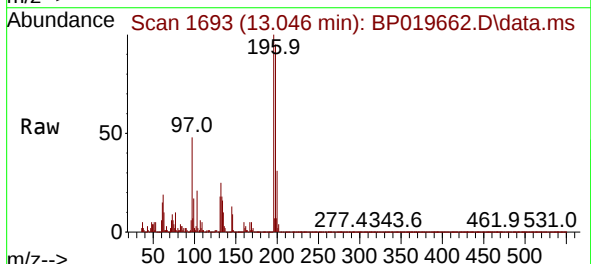
Tgt Ion:196 Resp: 187500
Ion Ratio Lower Upper
196 100
198 96.9 76.7 115.1
200 31.7 24.6 36.8

Manual Integrations
APPROVED

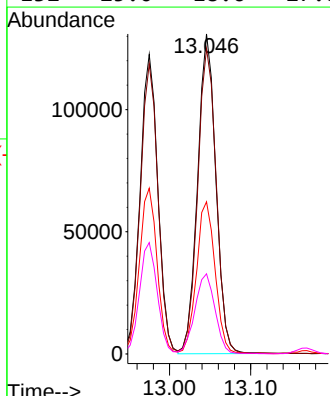
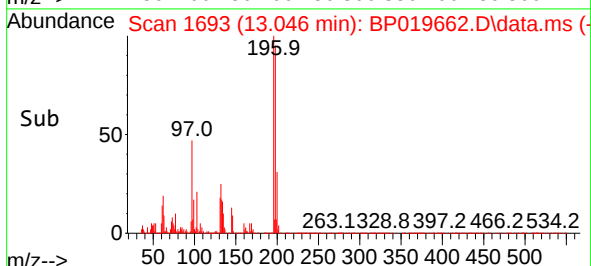
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

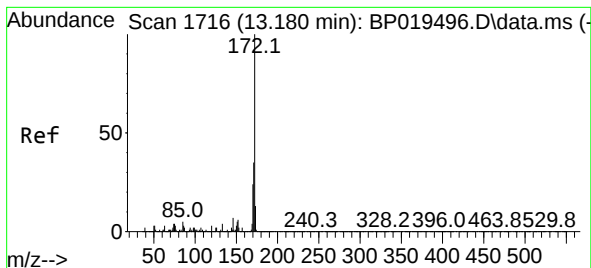


#44
2,4,5-Trichlorophenol
Concen: 46.579 ng
RT: 13.046 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46



Tgt Ion:196 Resp: 204788
Ion Ratio Lower Upper
196 100
198 95.5 77.5 116.3
97 47.6 39.9 59.9
132 25.0 18.6 27.8





#45
2-Fluorobiphenyl
Concen: 57.155 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

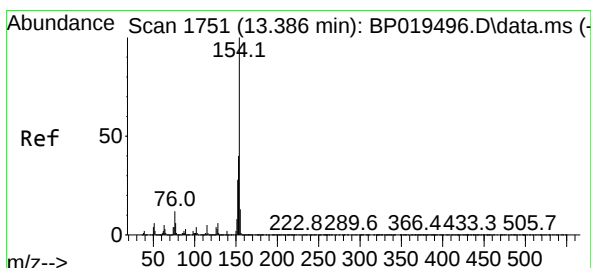
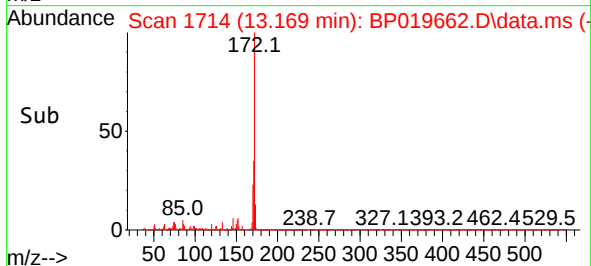
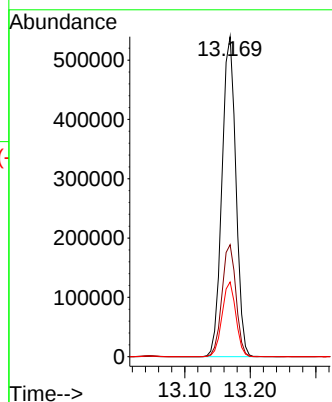
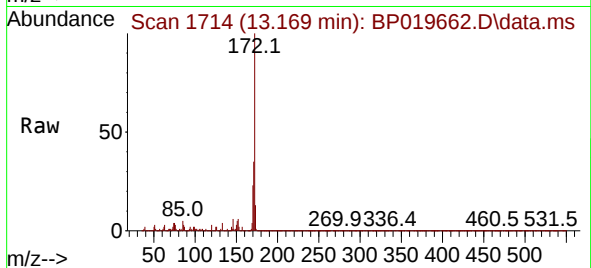
ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:172 Resp: 792685
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.4 18.9 28.3

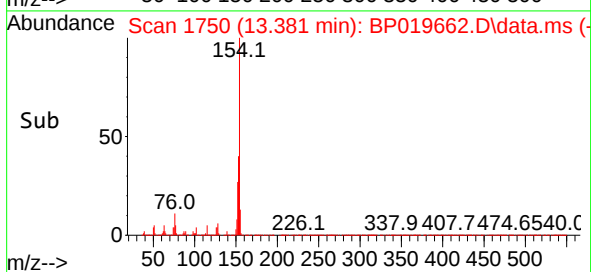
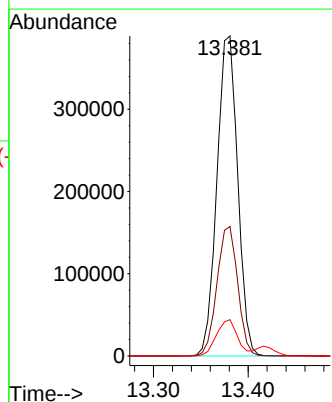
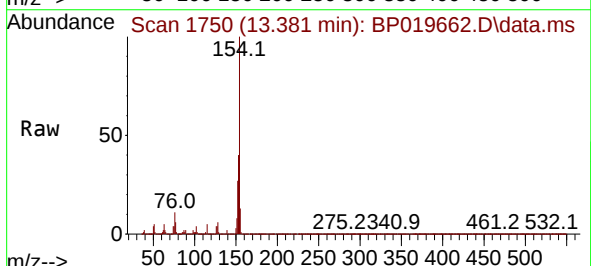
Manual Integrations
APPROVED

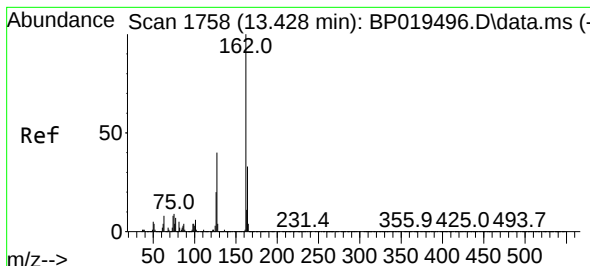
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#46
1,1'-Biphenyl
Concen: 43.388 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:154 Resp: 593725
Ion Ratio Lower Upper
154 100
153 40.4 20.2 60.2
76 11.3 0.0 31.6





#47
2-Chloronaphthalene
Concen: 42.578 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

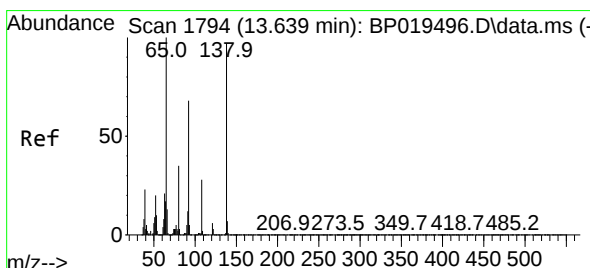
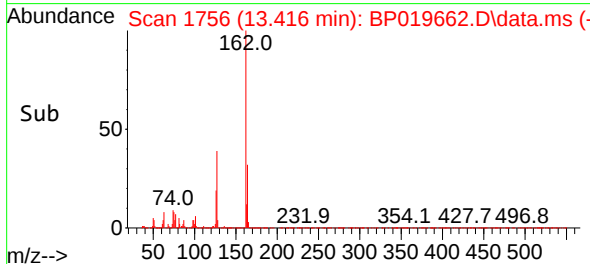
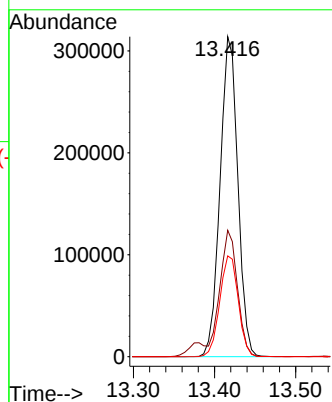
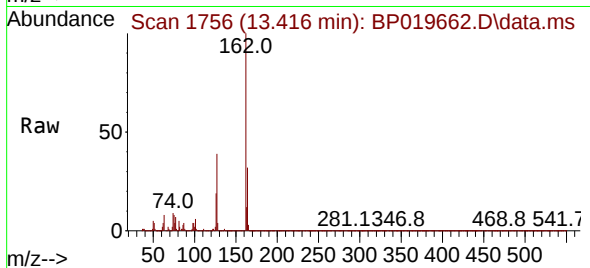
ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:162 Resp: 47829
Ion Ratio Lower Upper
162 100
127 39.5 32.1 48.1
164 31.5 26.7 40.1

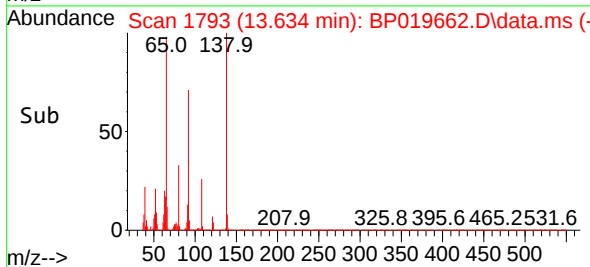
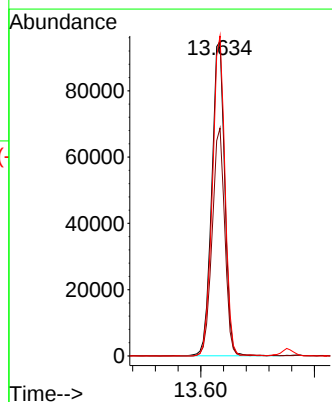
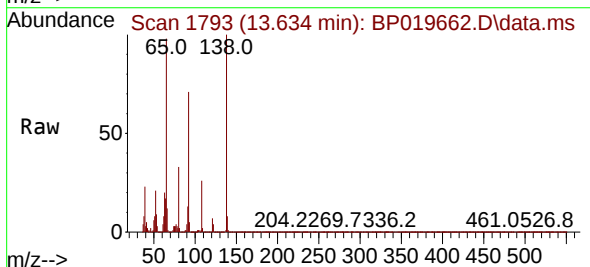
Manual Integrations
APPROVED

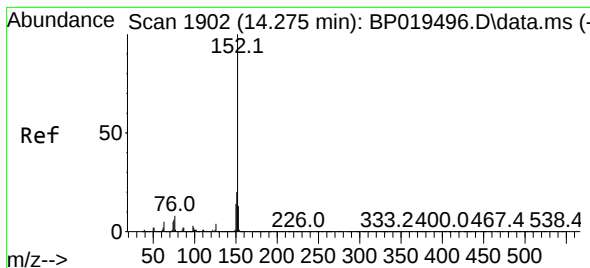
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#48
2-Nitroaniline
Concen: 47.573 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion: 65 Resp: 149428
Ion Ratio Lower Upper
65 100
92 72.5 54.7 82.1
138 101.8 77.8 116.6





#49

Acenaphthylene

Concen: 47.908 ng

RT: 14.263 min Scan# 1902

Delta R.T. -0.011 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

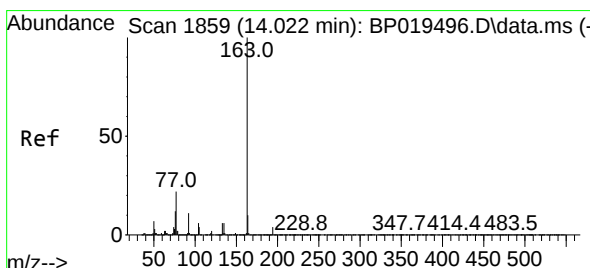
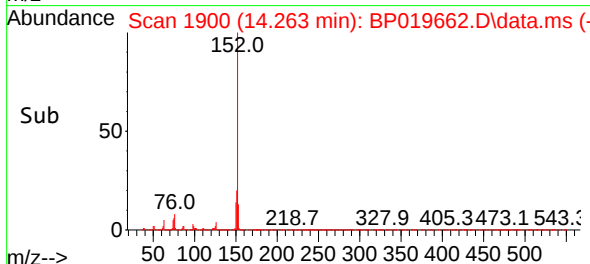
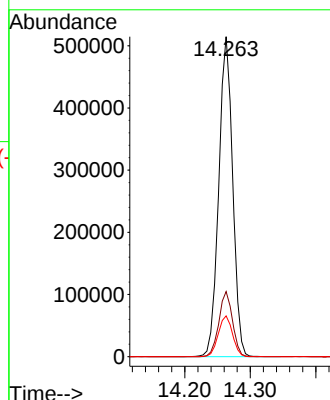
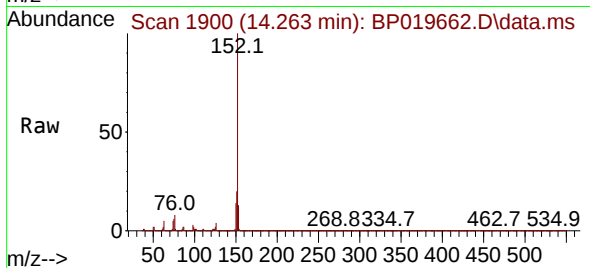
Tgt Ion:	152	Resp:	75501
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.8	23.6
153	12.8	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#50

Dimethylphthalate

Concen: 46.151 ng

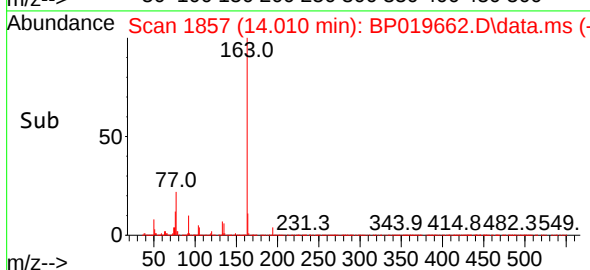
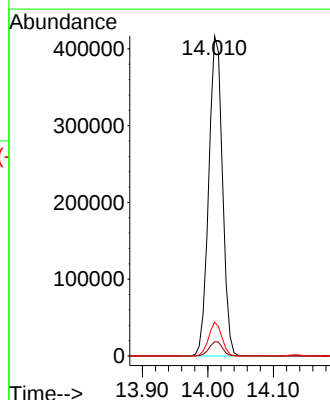
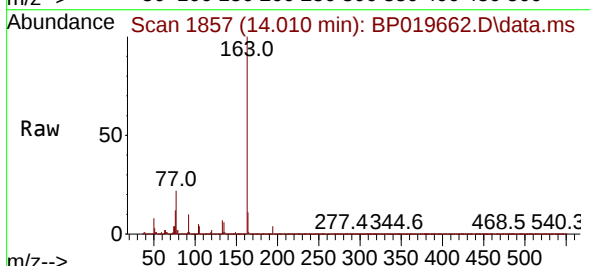
RT: 14.010 min Scan# 1857

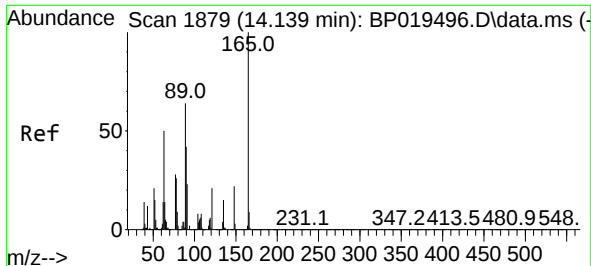
Delta R.T. -0.011 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Tgt Ion:	163	Resp:	605747
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.2
164	10.6	7.8	11.6





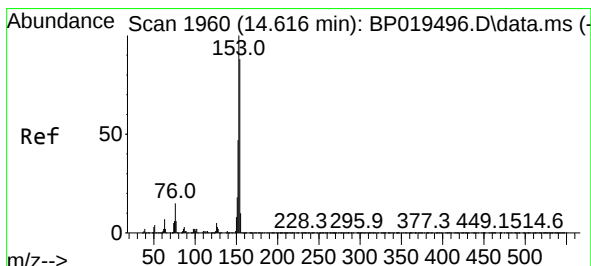
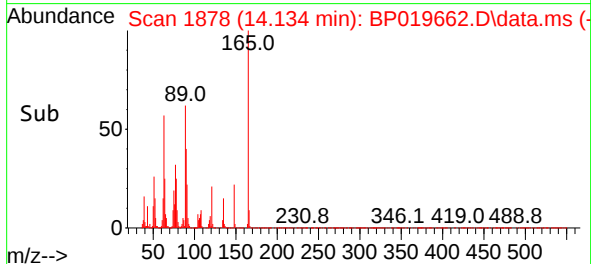
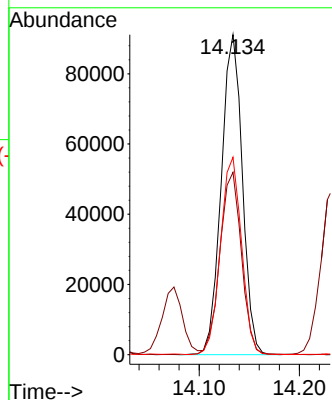
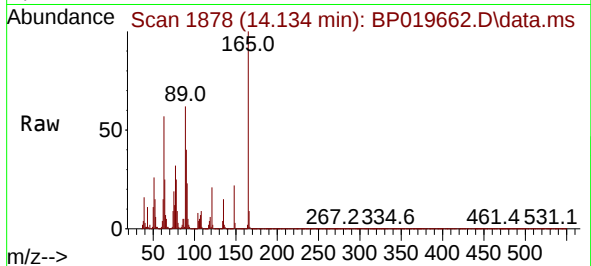
#51
2,6-Dinitrotoluene
Concen: 46.090 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion:165 Resp: 132909
Ion Ratio Lower Upper
165 100
63 57.0 50.4 75.6
89 61.7 51.7 77.5

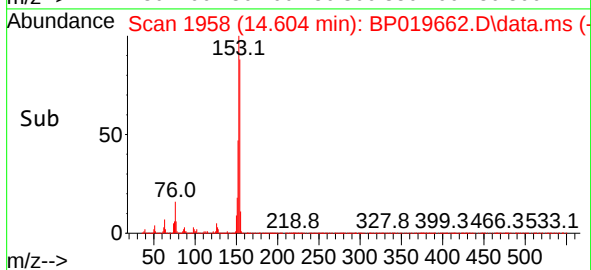
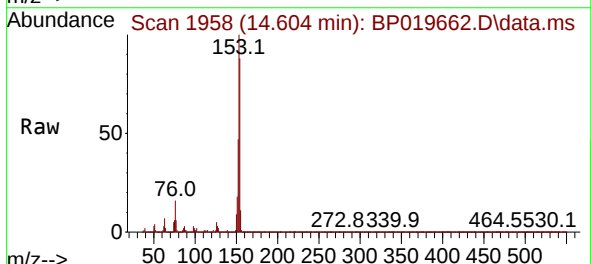
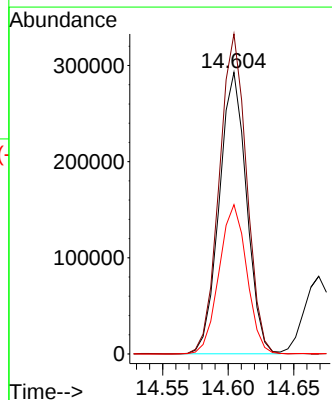
Manual Integrations
APPROVED

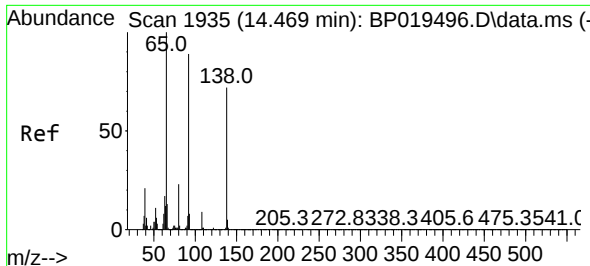
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#52
Acenaphthene
Concen: 43.276 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:154 Resp: 423291
Ion Ratio Lower Upper
154 100
153 113.6 90.5 135.7
152 53.0 42.1 63.1





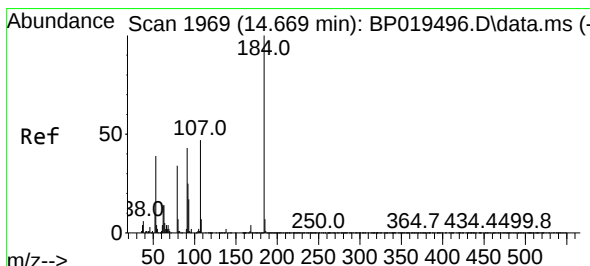
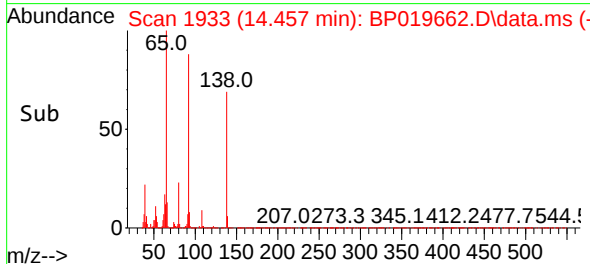
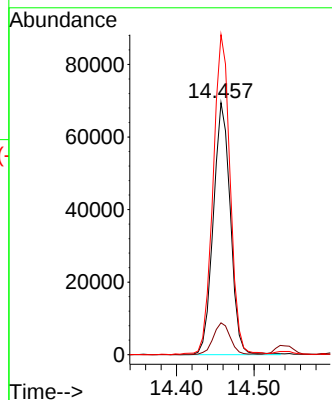
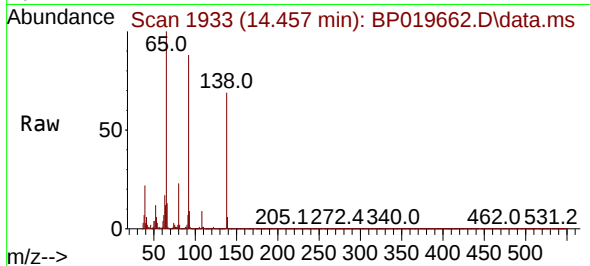
#53
3-Nitroaniline
Concen: 39.933 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion:138 Resp: 10582
Ion Ratio Lower Upper
138 100
108 12.6 9.7 14.5
92 127.0 98.0 147.0

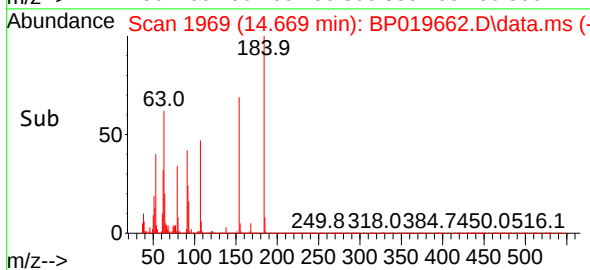
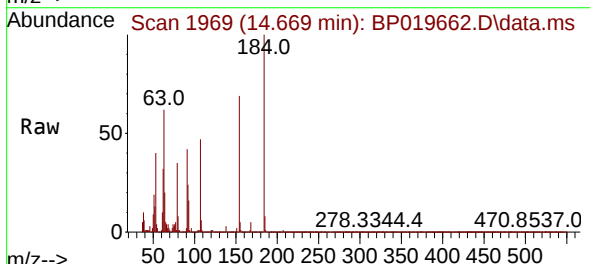
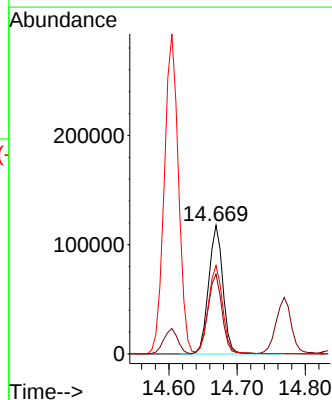
Manual Integrations
APPROVED

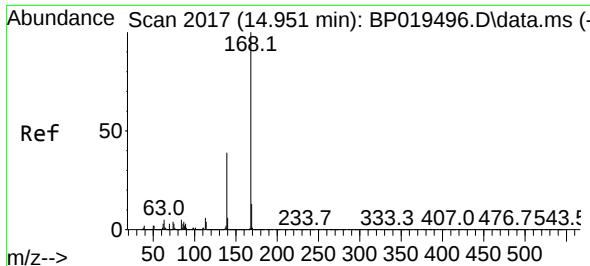
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#54
2,4-Dinitrophenol
Concen: 114.677 ng
RT: 14.669 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:184 Resp: 171701
Ion Ratio Lower Upper
184 100
63 61.9 50.5 75.7
154 68.8 53.4 80.0





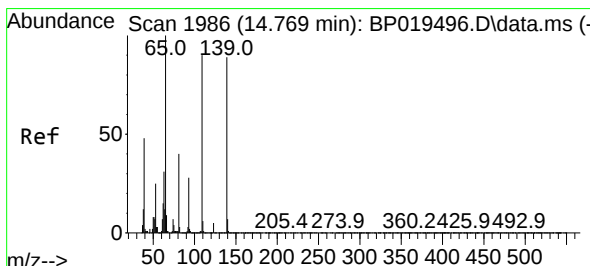
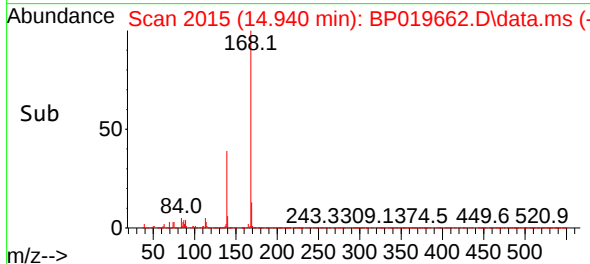
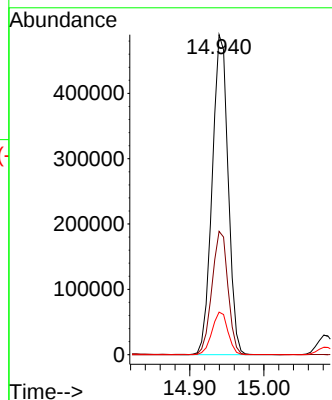
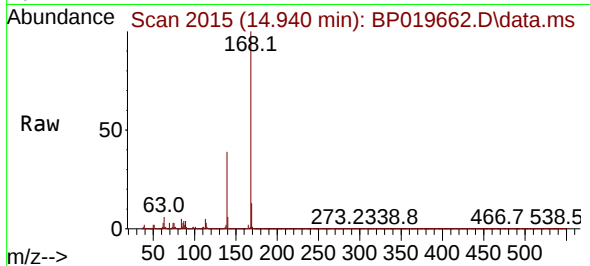
#55
Dibenzenofuran
Concen: 45.816 ng
RT: 14.940 min Scan# 2015
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion:168 Resp: 729892
Ion Ratio Lower Upper
168 100
139 38.6 31.5 47.3
169 13.3 10.3 15.5

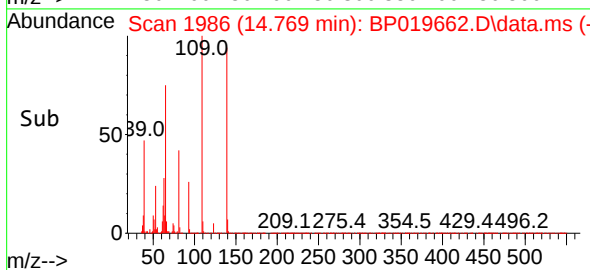
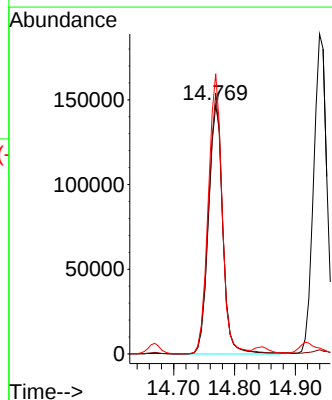
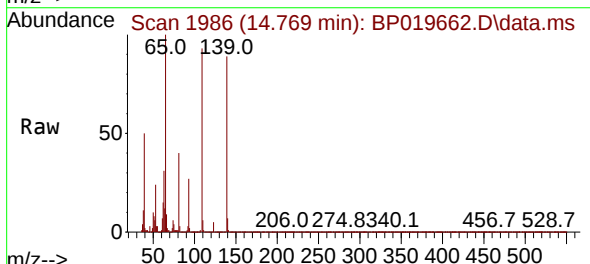
Manual Integrations
APPROVED

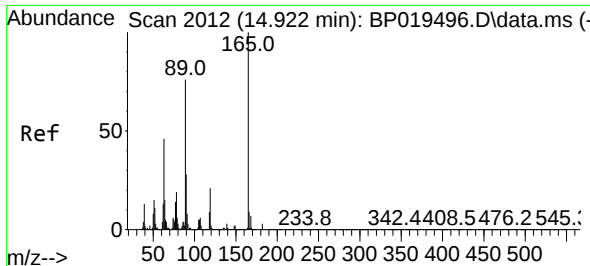
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#56
4-Nitrophenol
Concen: 110.655 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:139 Resp: 240358
Ion Ratio Lower Upper
139 100
109 104.8 82.0 122.0
65 112.6 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 50.745 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

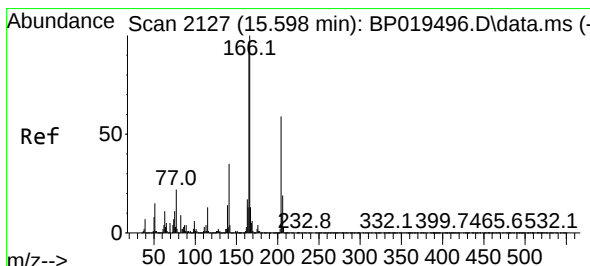
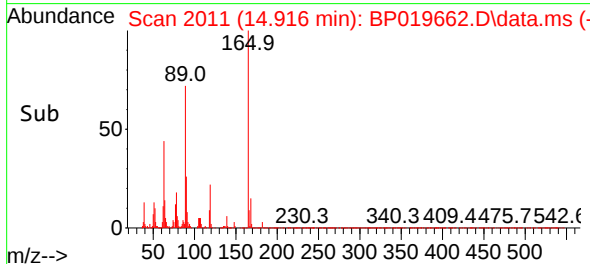
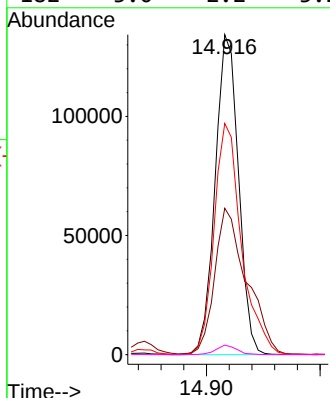
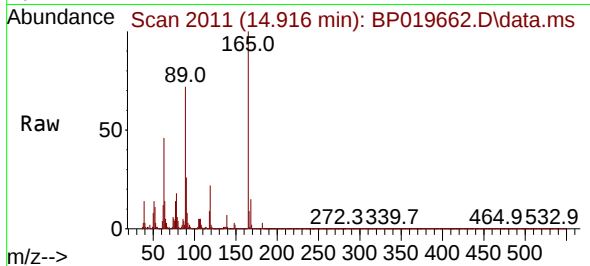
ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:165 Resp: 191760
Ion Ratio Lower Upper
165 100
63 45.8 36.9 55.3
89 72.3 61.1 91.7
182 3.0 2.2 3.2

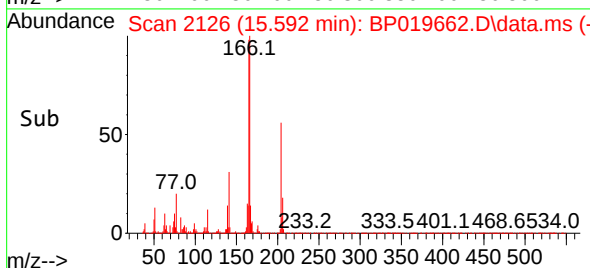
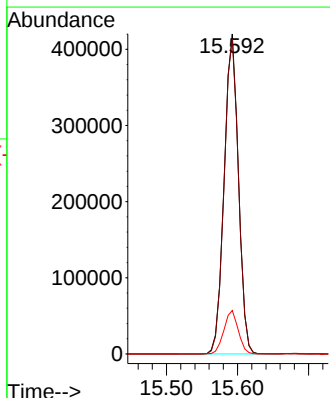
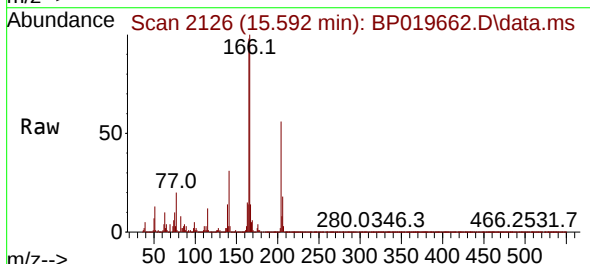
Manual Integrations
APPROVED

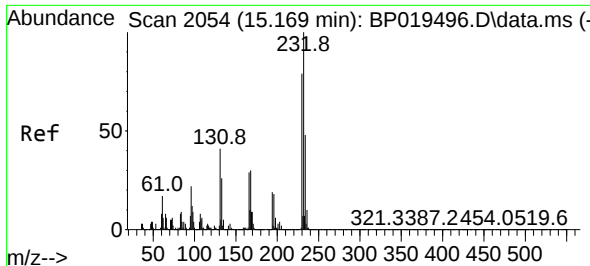
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#58
Fluorene
Concen: 46.057 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:166 Resp: 584393
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.8
167 13.6 10.7 16.1





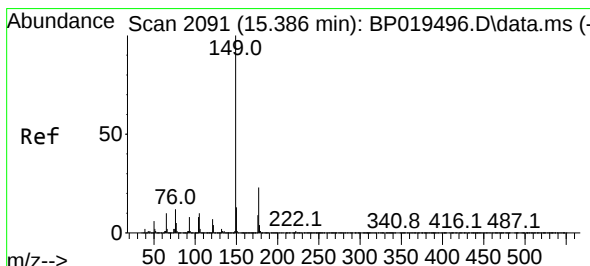
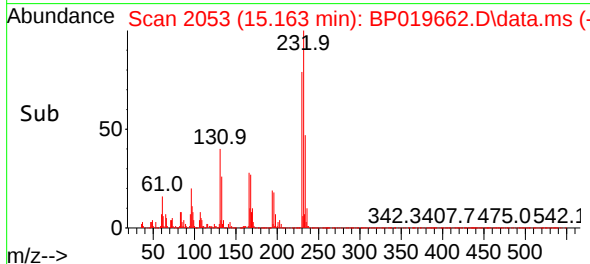
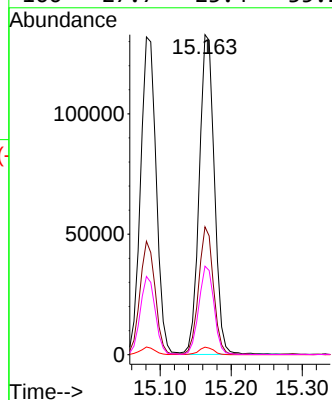
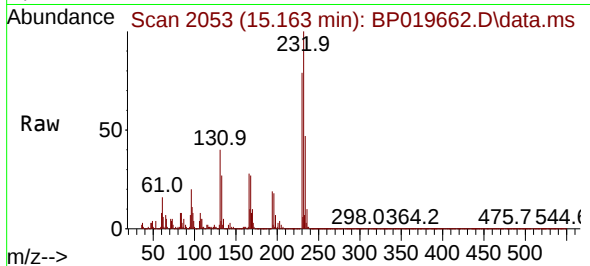
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.283 ng
RT: 15.163 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion:232 Resp: 197049
Ion Ratio Lower Upper
232 100
131 39.0 32.4 48.6
130 2.3 1.9 2.9
166 27.7 23.4 35.2

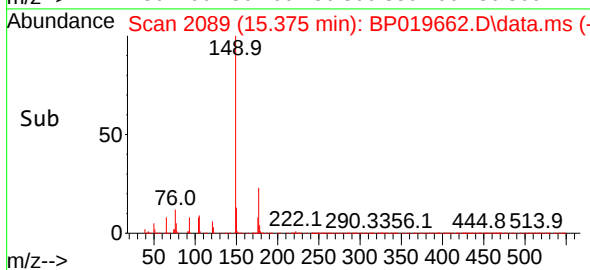
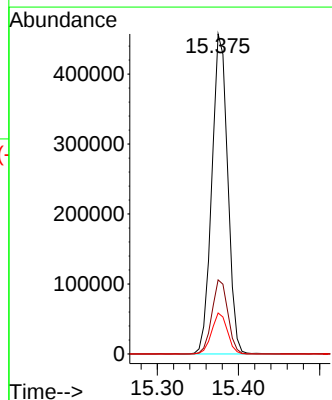
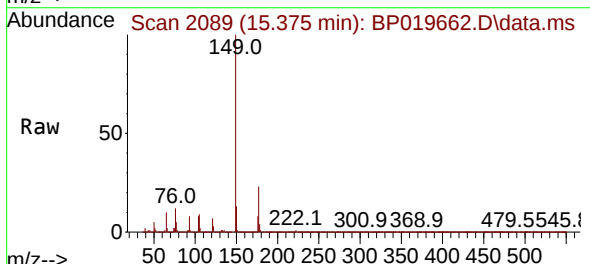
Manual Integrations
APPROVED

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



#60
Diethylphthalate
Concen: 47.439 ng
RT: 15.375 min Scan# 2089
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

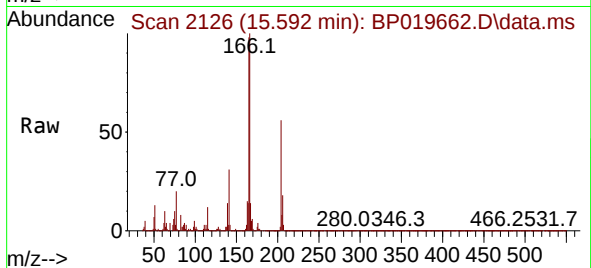
Tgt Ion:149 Resp: 619326
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.974 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

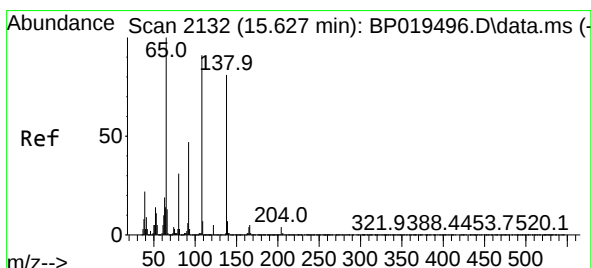
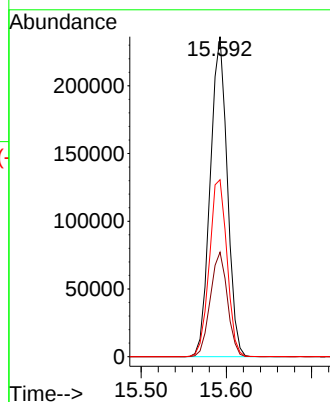
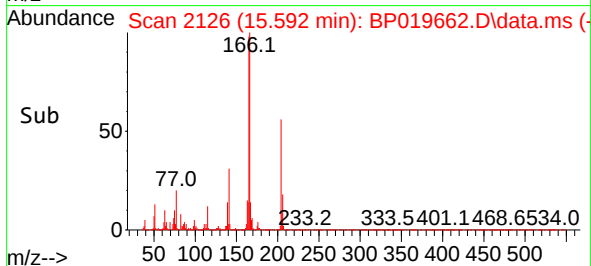
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD



Tgt Ion:204 Resp: 327870
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 55.3 48.5 72.7

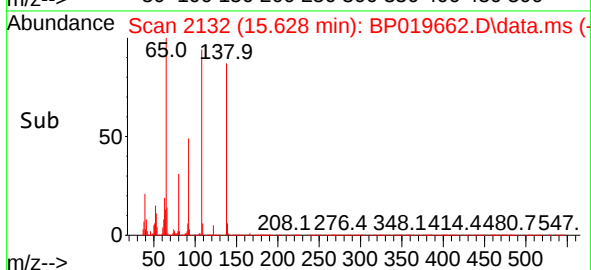
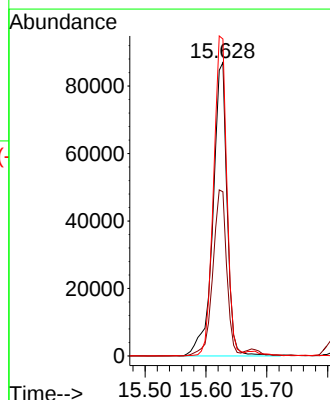
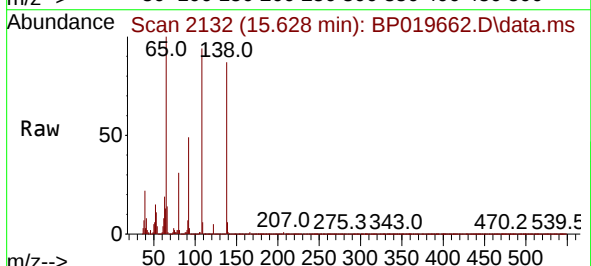
Manual Integrations
APPROVED

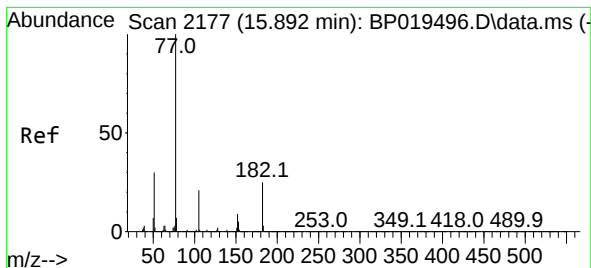
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#62
4-Nitroaniline
Concen: 50.698 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:138 Resp: 140830
Ion Ratio Lower Upper
138 100
92 55.9 38.3 78.3
108 108.0 91.2 131.2





#63

Azobenzene

Concen: 45.271 ng

RT: 15.887 min Scan# 2176

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

Tgt Ion: 77 Resp: 57152

Ion Ratio Lower Upper

77 100

182 27.2 5.1 45.1

105 20.8 0.8 40.8

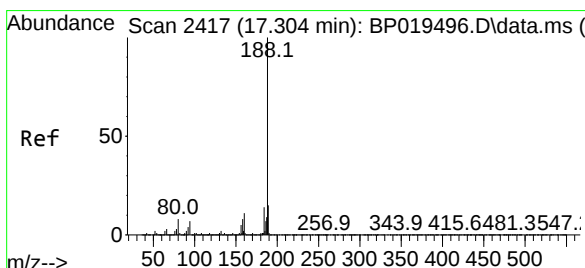
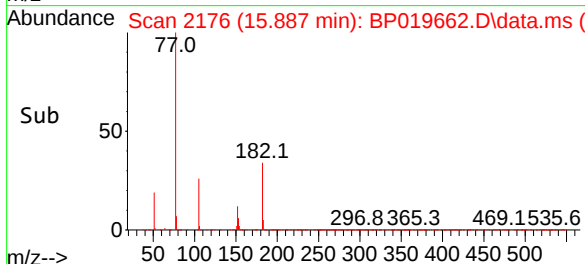
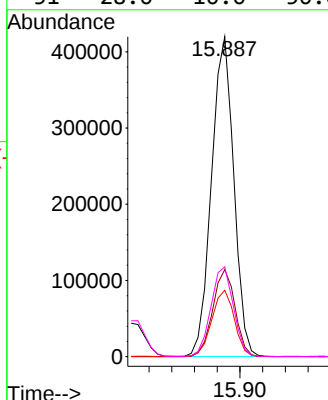
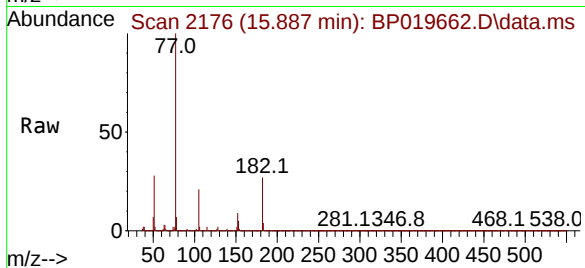
51 28.0 10.0 50.0

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: BP019662.D

Acq: 12 Feb 2024 14:46

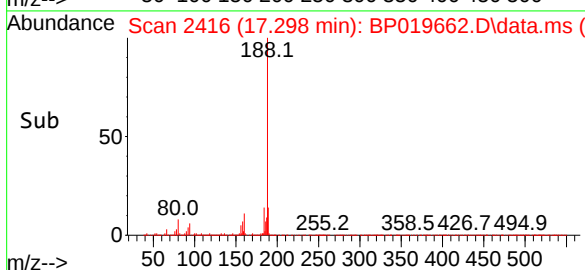
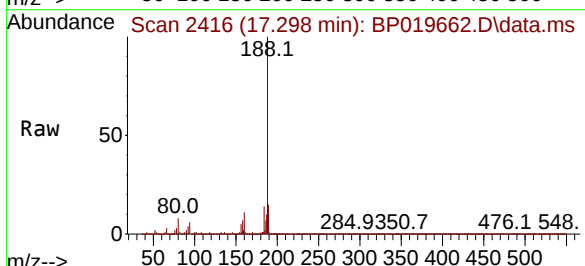
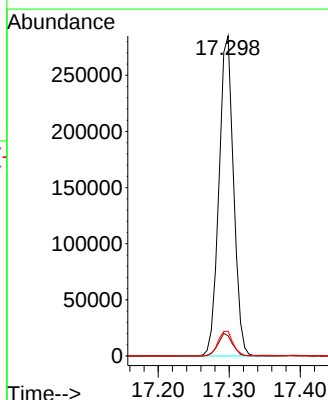
Tgt Ion:188 Resp: 404386

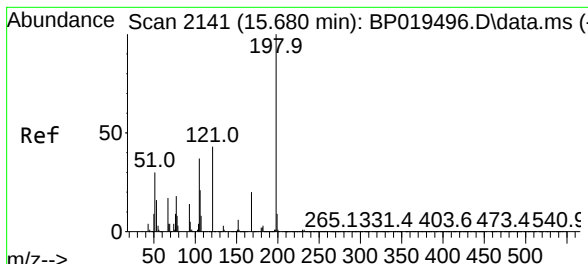
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.2

80 7.7 6.3 9.5





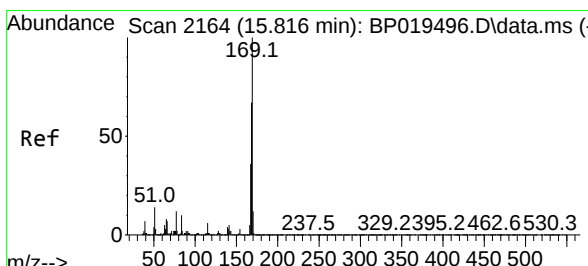
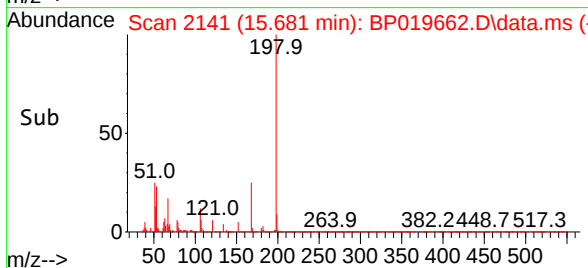
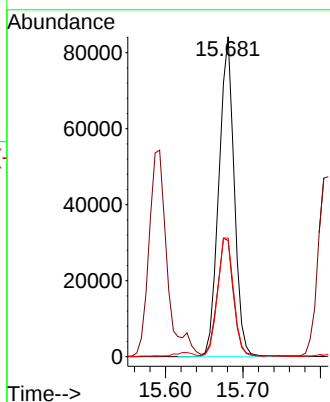
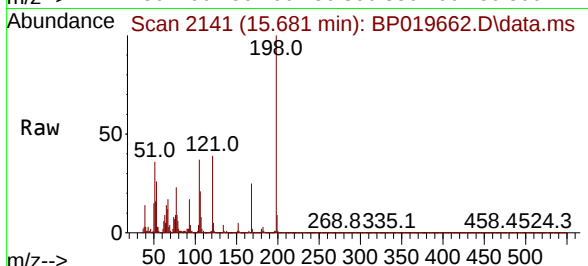
#65
4,6-Dinitro-2-methylphenol
Concen: 50.252 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion:198 Resp: 11587
Ion Ratio Lower Upper
198 100
51 36.3 21.2 61.2
105 37.1 19.1 59.1

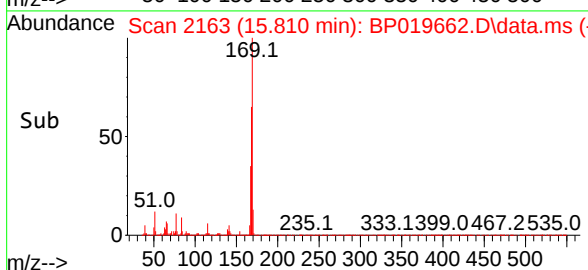
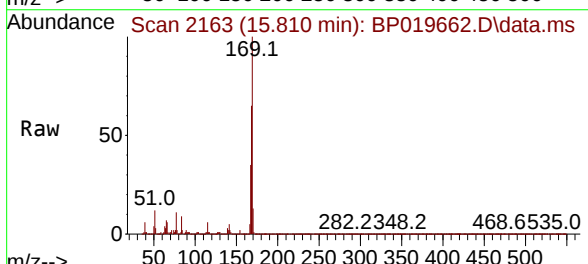
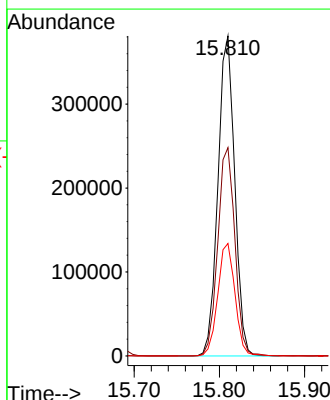
Manual Integrations
APPROVED

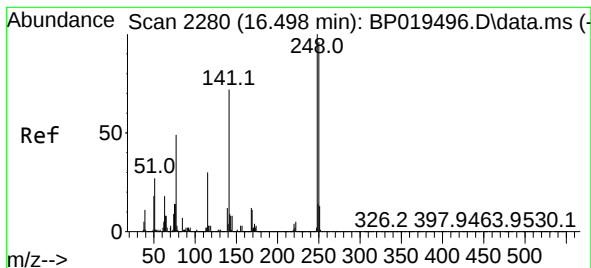
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#66
n-Nitrosodiphenylamine
Concen: 43.043 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:169 Resp: 521287
Ion Ratio Lower Upper
169 100
168 65.1 53.4 80.2
167 35.2 28.9 43.3





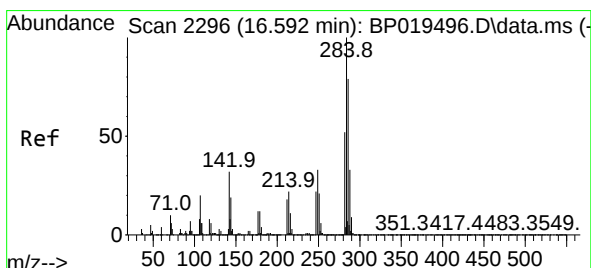
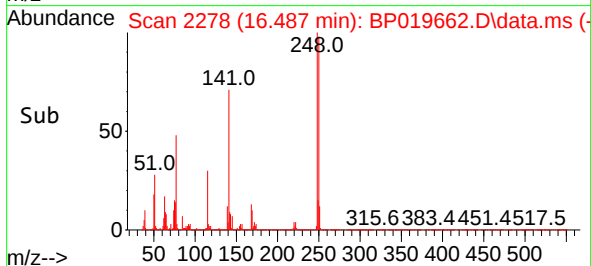
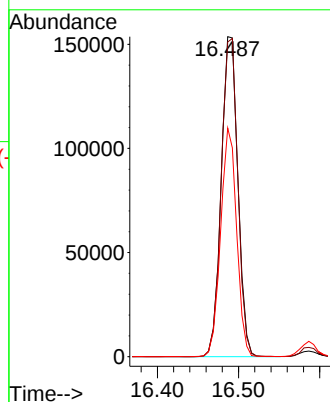
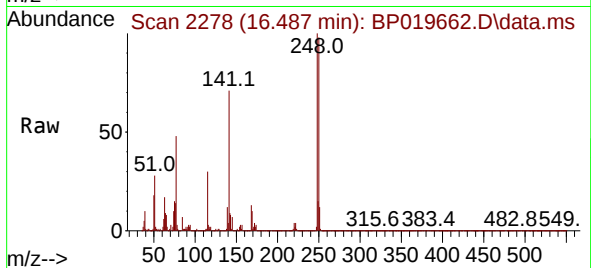
#67
4-Bromophenyl-phenylether
Concen: 43.308 ng
RT: 16.487 min Scan# 2189
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion:248 Resp: 218936
Ion Ratio Lower Upper
248 100
250 98.3 76.9 115.3
141 71.4 58.0 87.0

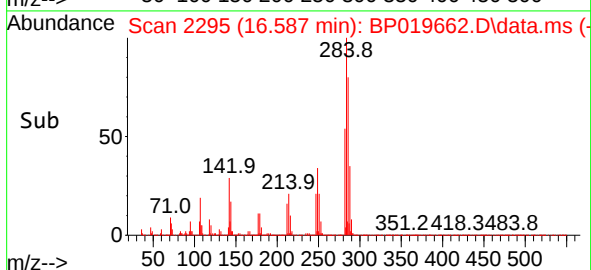
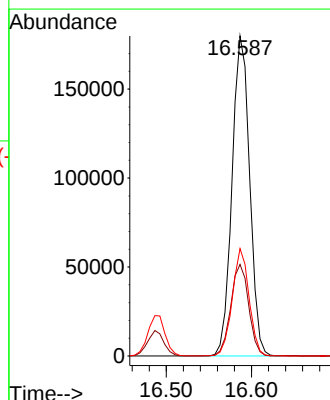
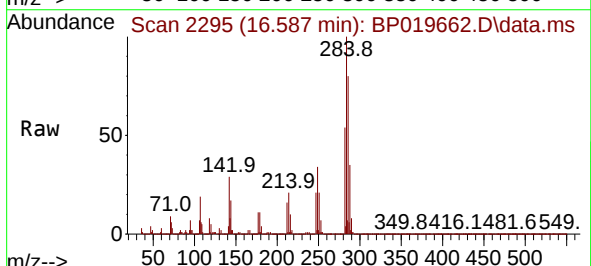
Manual Integrations
APPROVED

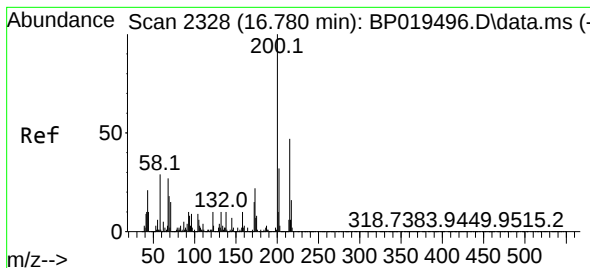
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#68
Hexachlorobenzene
Concen: 43.736 ng
RT: 16.587 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:284 Resp: 258195
Ion Ratio Lower Upper
284 100
142 28.6 25.4 38.2
249 33.6 26.5 39.7





#69

Atrazine

Concen: 53.900 ng

RT: 16.769 min Scan# 21661

Delta R.T. -0.011 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:200 Resp: 21661

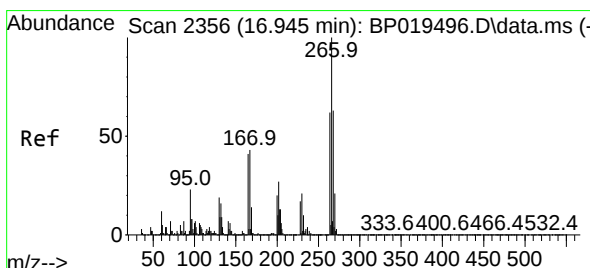
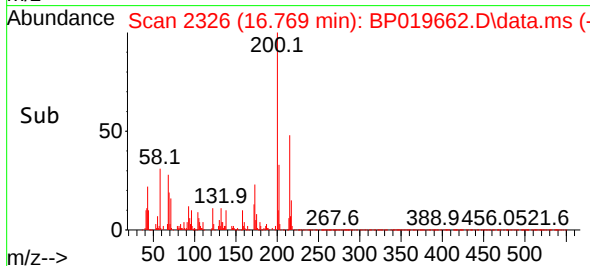
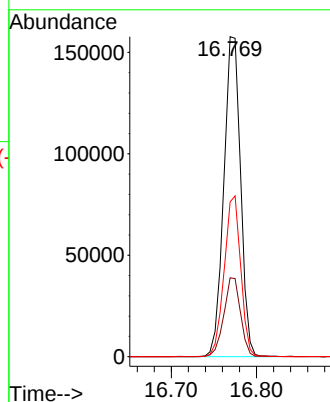
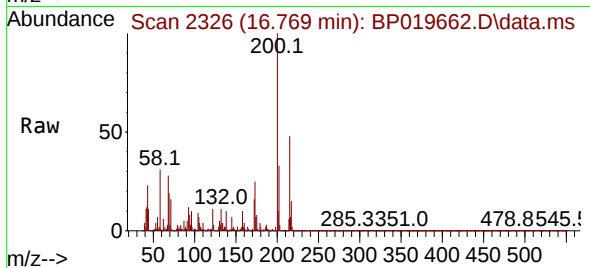
Ion	Ratio	Lower	Upper
200	100		
173	24.6	1.7	41.7
215	48.3	26.9	66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#70

Pentachlorophenol

Concen: 100.643 ng

RT: 16.939 min Scan# 2355

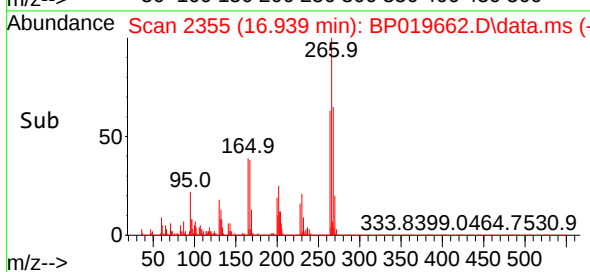
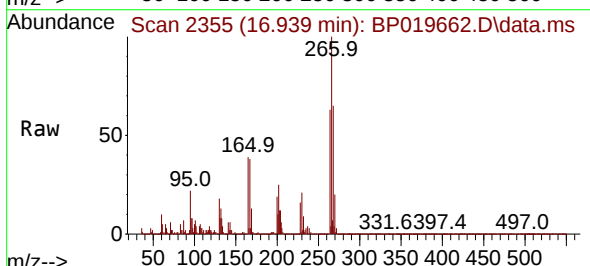
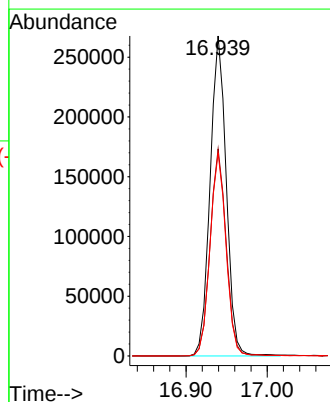
Delta R.T. -0.006 min

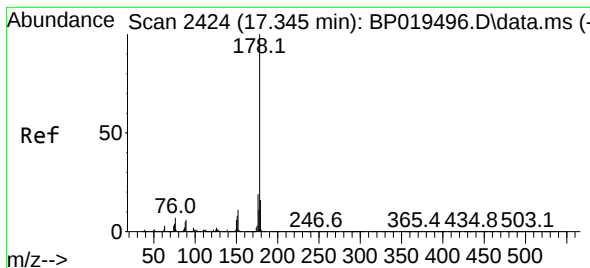
Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Tgt Ion:266 Resp: 370000

Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.3	75.5
264	63.3	49.7	74.5





#71

Phenanthrene

Concen: 45.717 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:178 Resp: 97293

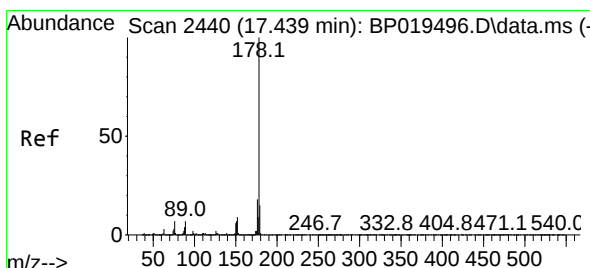
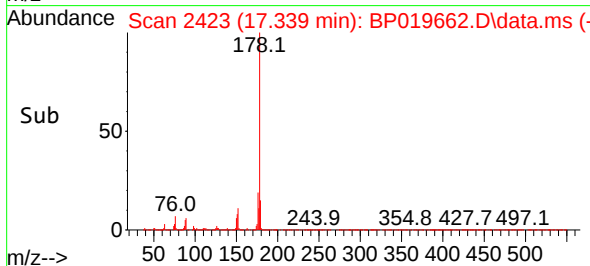
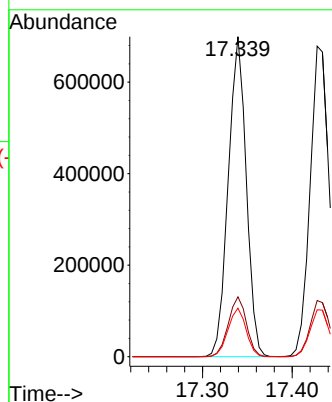
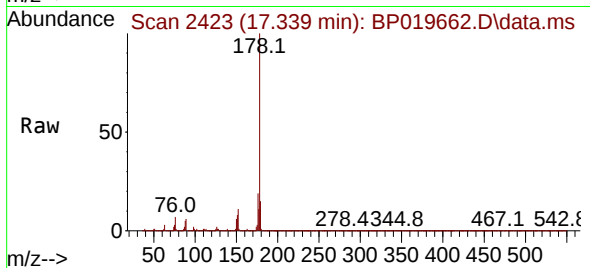
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.2	12.6	19.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#72

Anthracene

Concen: 47.122 ng

RT: 17.428 min Scan# 2438

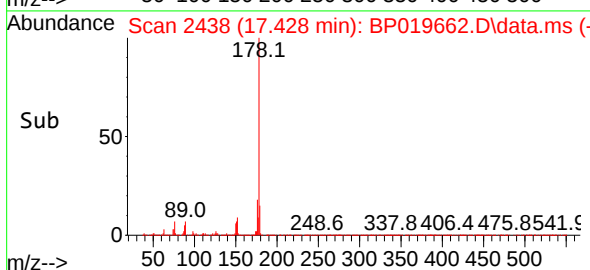
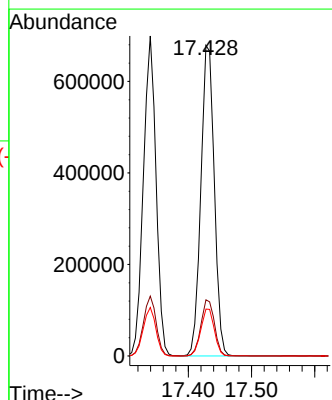
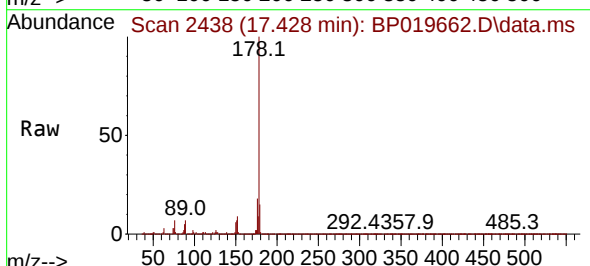
Delta R.T. -0.011 min

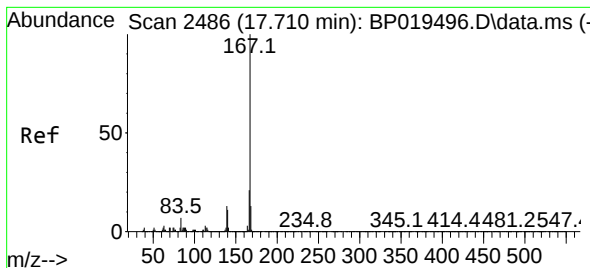
Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Tgt Ion:178 Resp: 1000384

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.1	12.2	18.2





#73

Carbazole

Concen: 46.888 ng

RT: 17.704 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

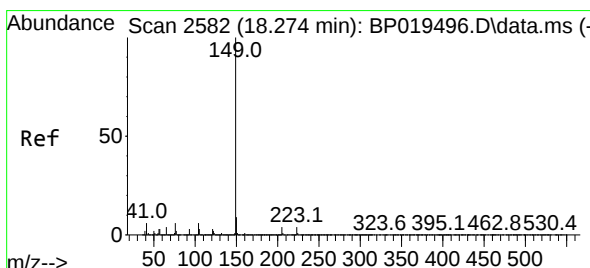
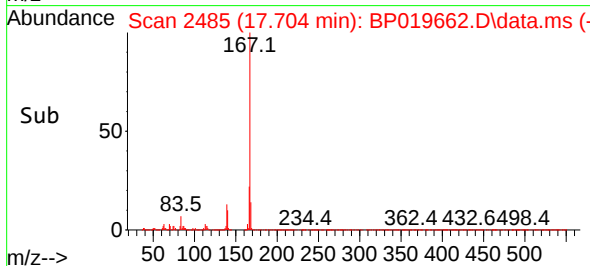
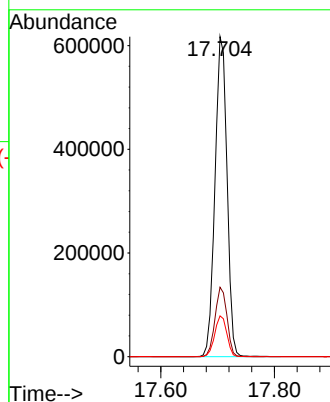
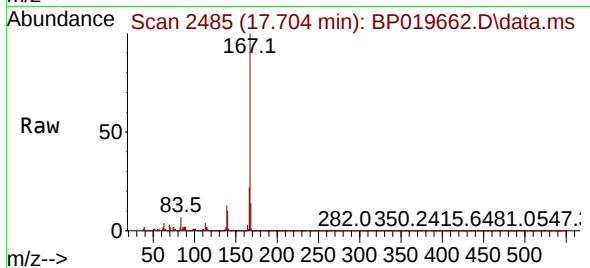
Tgt Ion:167	Resp: 90428
Ion Ratio	Lower Upper
167 100	
166 21.7	17.2 25.8
139 12.8	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#74

Di-n-butylphthalate

Concen: 47.298 ng

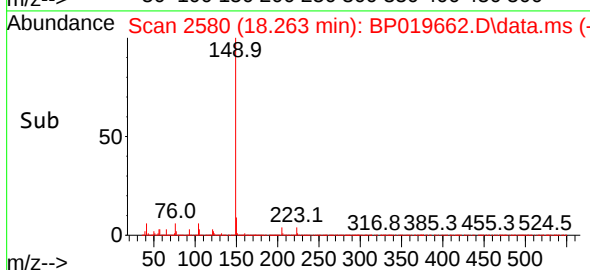
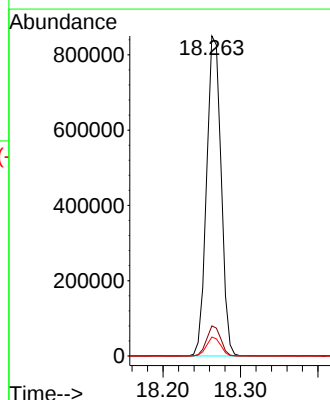
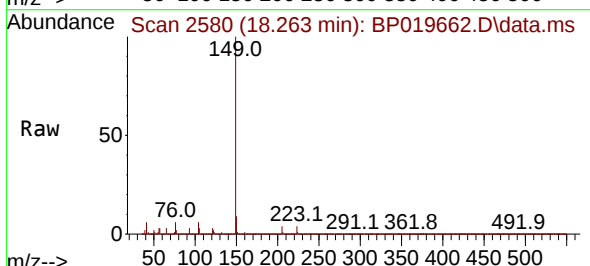
RT: 18.263 min Scan# 2580

Delta R.T. -0.011 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Tgt Ion:149	Resp: 1102945
Ion Ratio	Lower Upper
149 100	
150 9.4	7.3 10.9
104 5.9	4.8 7.2





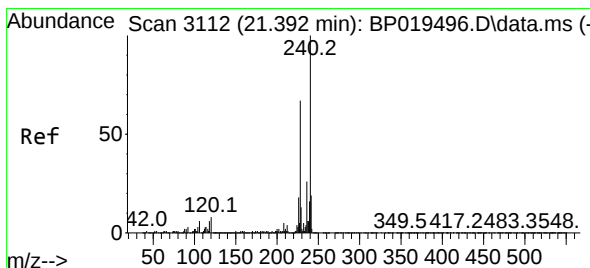
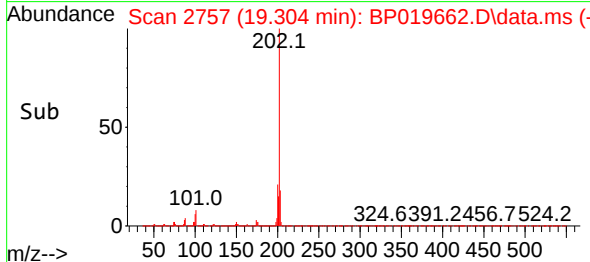
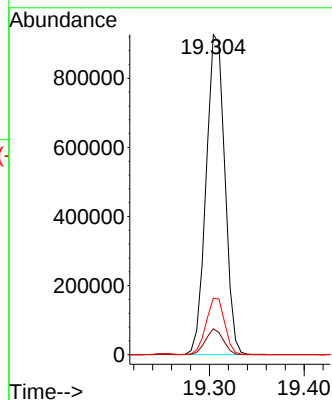
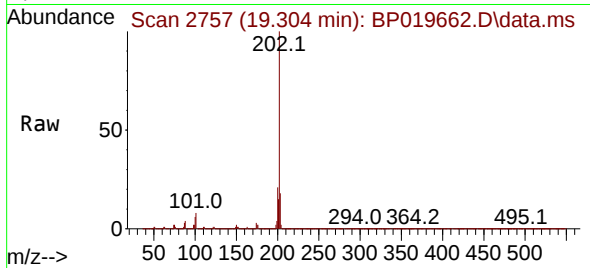
#75
Fluoranthene
Concen: 48.640 ng
RT: 19.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion:202 Resp: 126452
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.7
203 17.7 0.0 37.5

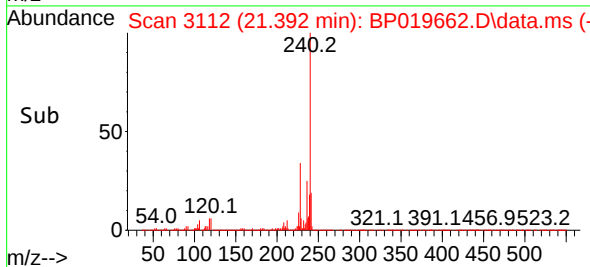
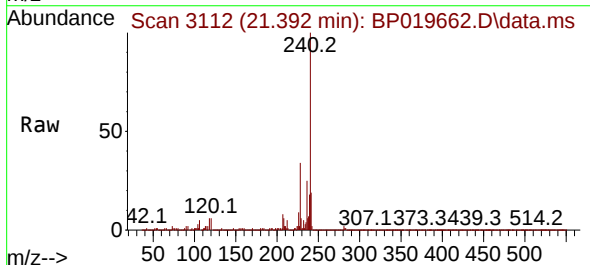
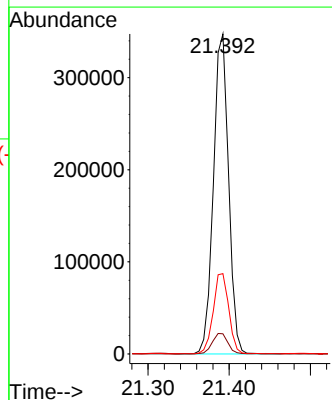
Manual Integrations
APPROVED

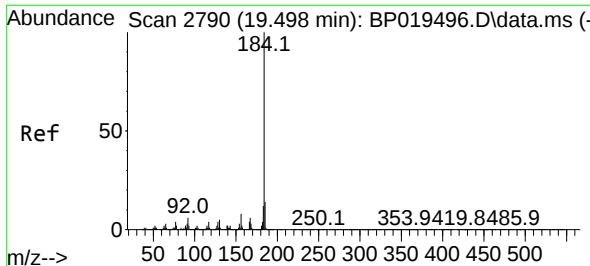
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:240 Resp: 449752
Ion Ratio Lower Upper
240 100
120 6.3 6.1 9.1
236 25.1 20.7 31.1





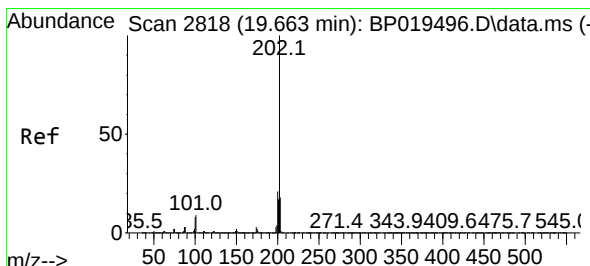
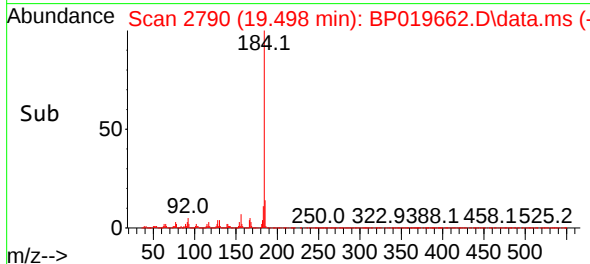
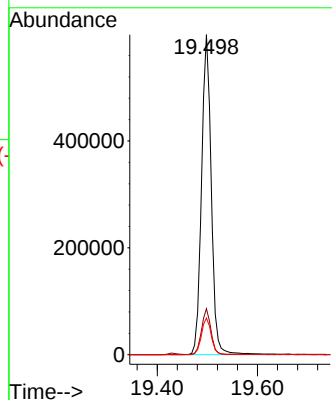
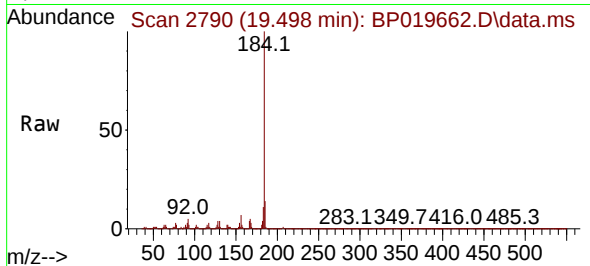
#77
Benzidine
Concen: 85.847 ng
RT: 19.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion:184 Resp: 807200
Ion Ratio Lower Upper
184 100
185 14.3 11.1 16.7
183 11.5 9.7 14.5

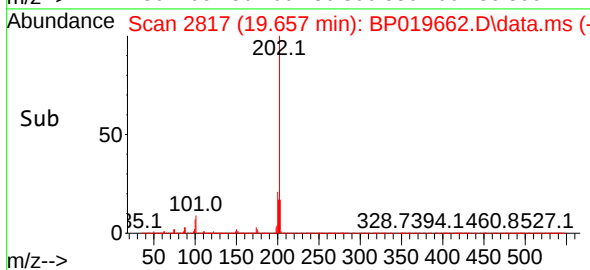
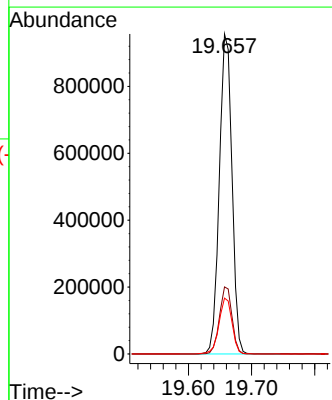
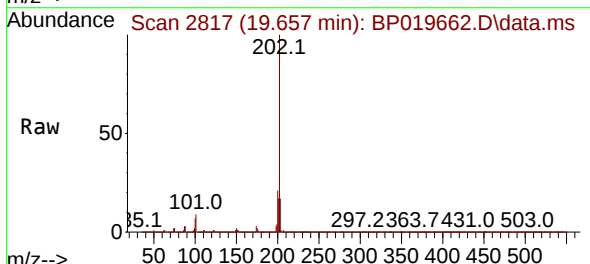
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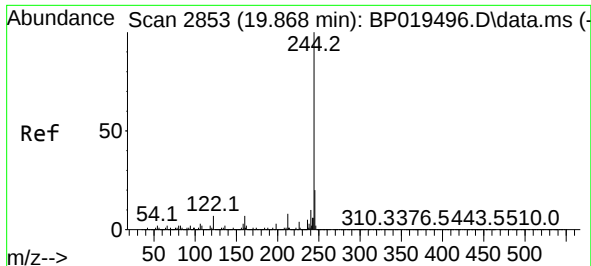
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#78
Pyrene
Concen: 41.784 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:202 Resp: 1326284
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.5 14.2 21.2





#79
 Terphenyl-d14
 Concen: 57.183 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019662.D
 Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

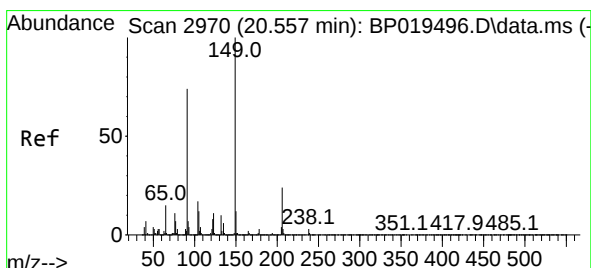
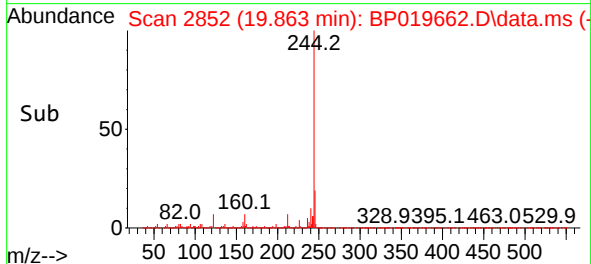
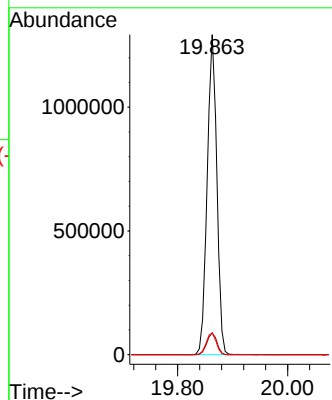
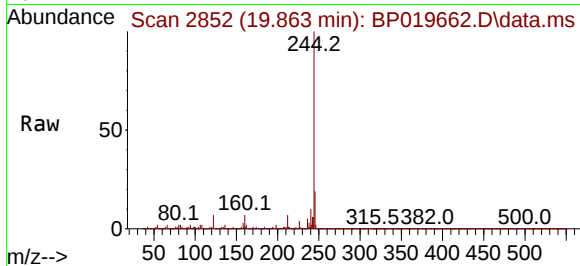
ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:244 Resp: 1563839
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 6.8 5.9 8.9

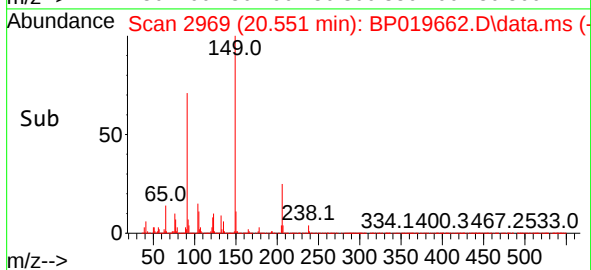
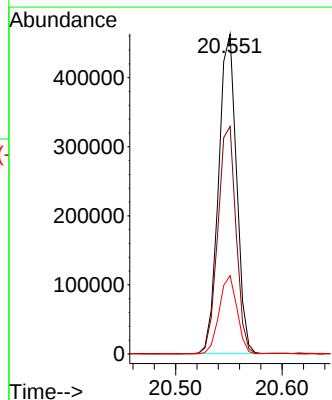
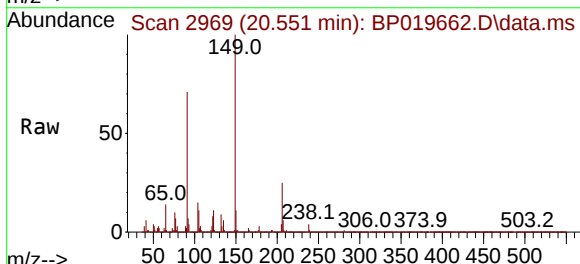
Manual Integrations
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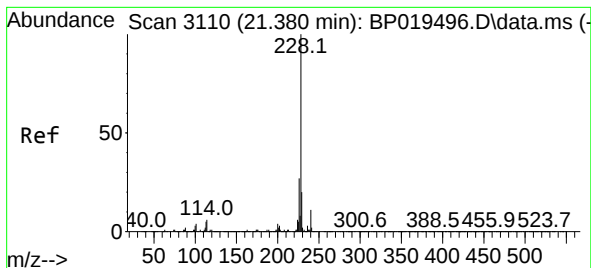
Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024



#80
 Butylbenzylphthalate
 Concen: 45.663 ng
 RT: 20.551 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BP019662.D
 Acq: 12 Feb 2024 14:46

Tgt Ion:149 Resp: 541282
 Ion Ratio Lower Upper
 149 100
 91 71.1 59.4 89.0
 206 24.5 19.0 28.6





#81

Benzo(a)anthracene

Concen: 45.578 ng

RT: 21.375 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:228 Resp: 144297

Ion Ratio Lower Upper

228 100

226 26.4 21.7 32.5

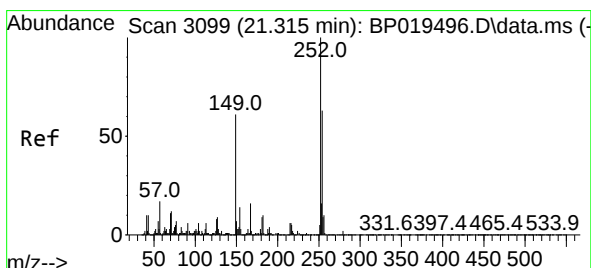
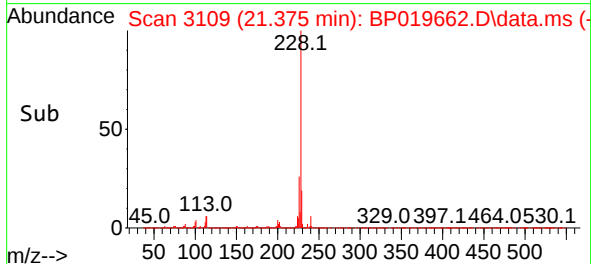
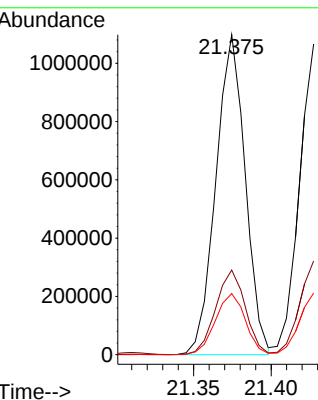
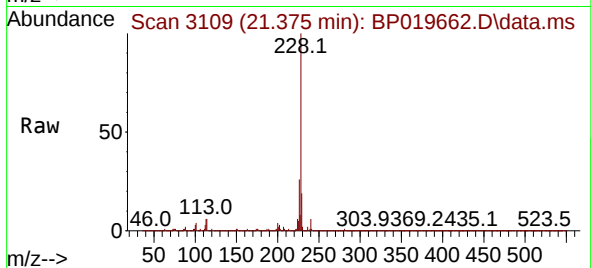
229 19.1 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#82

3,3'-Dichlorobenzidine

Concen: 45.267 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

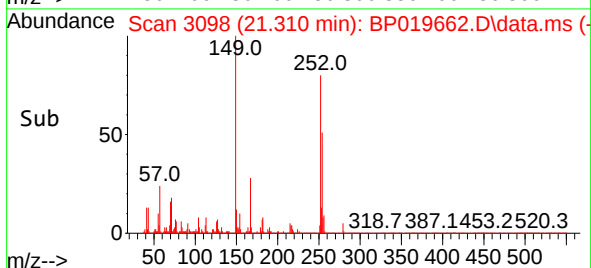
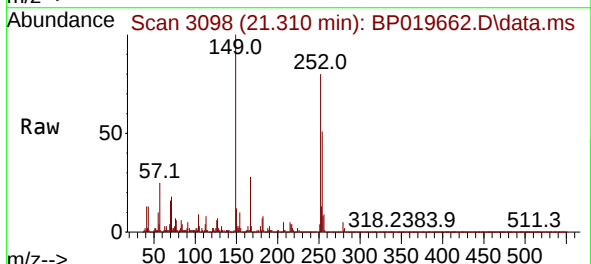
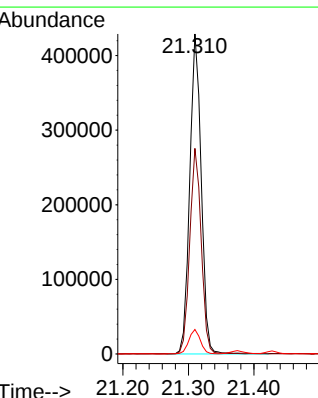
Tgt Ion:252 Resp: 522233

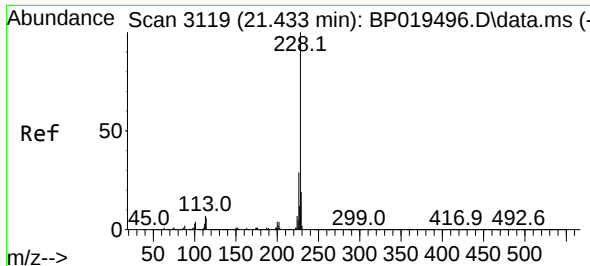
Ion Ratio Lower Upper

252 100

254 64.2 50.7 76.1

126 7.7 6.4 9.6





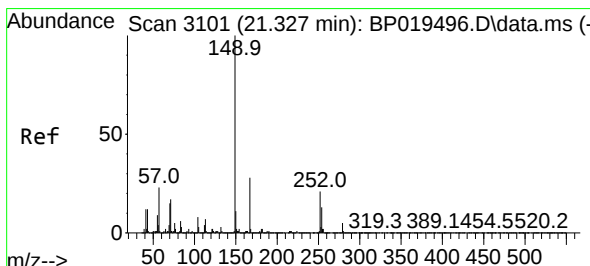
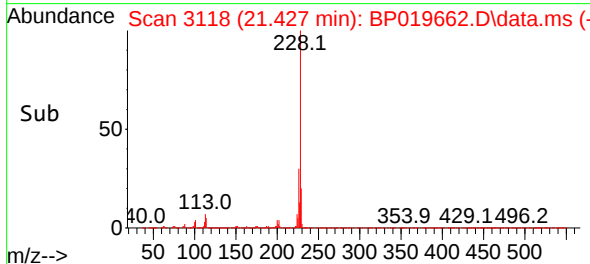
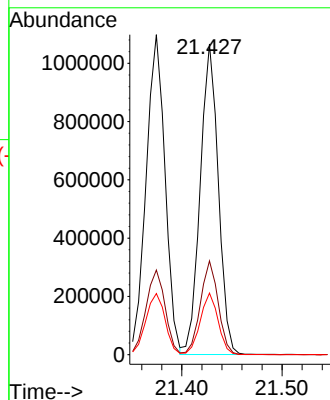
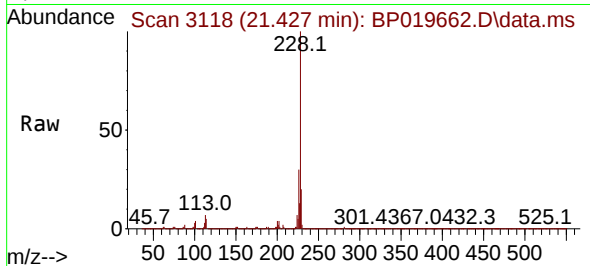
#83
Chrysene
Concen: 44.605 ng
RT: 21.427 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

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

Tgt Ion:228 Resp: 1340730
Ion Ratio Lower Upper
228 100
226 30.2 23.4 35.2
229 19.8 15.6 23.4

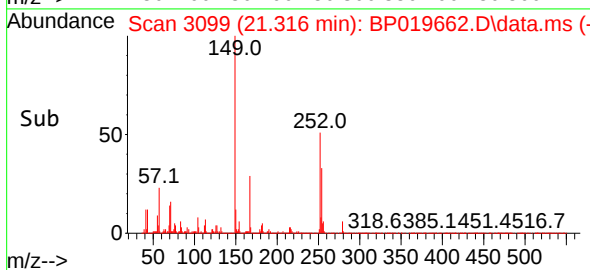
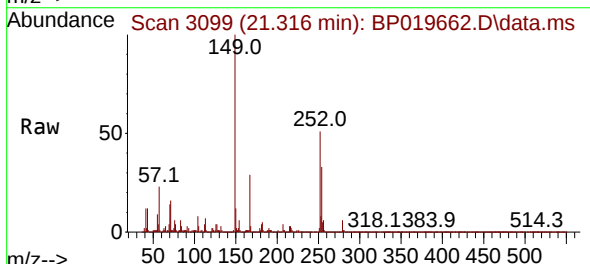
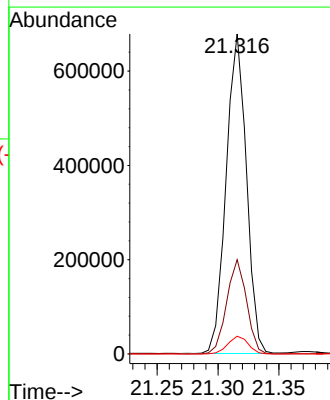
Manual Integrations
APPROVED

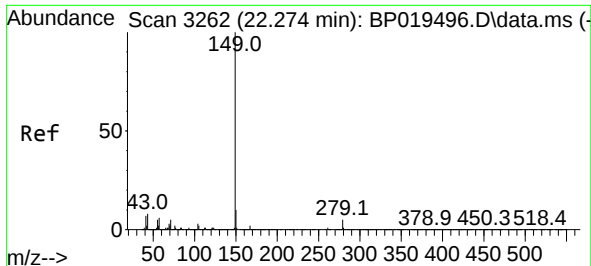
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.389 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

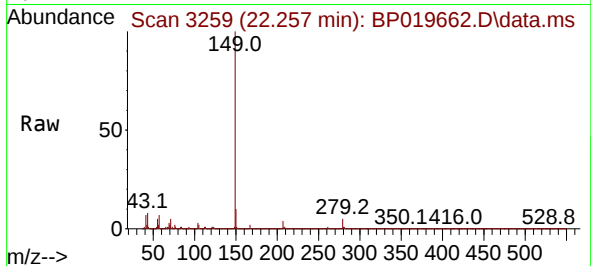
Tgt Ion:149 Resp: 783190
Ion Ratio Lower Upper
149 100
167 29.5 22.7 34.1
279 5.6 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 43.730 ng
RT: 22.257 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

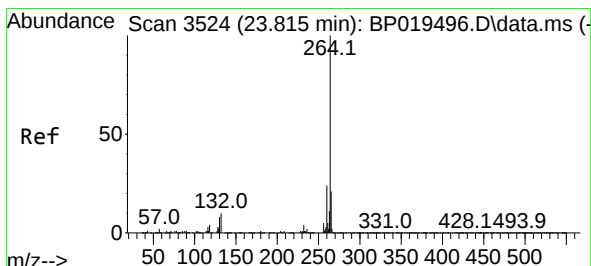
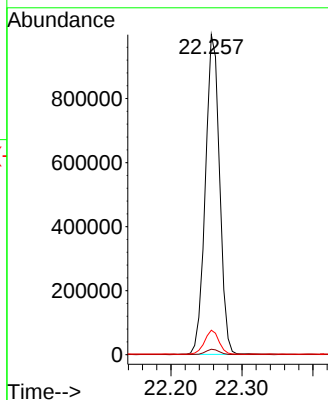
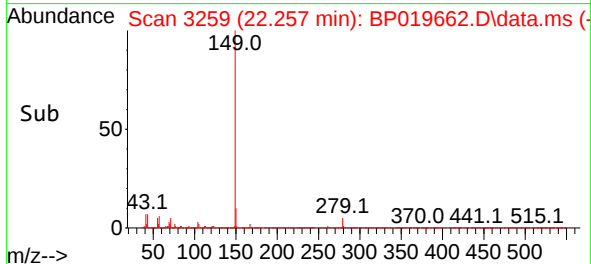
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD



Tgt Ion:149 Resp: 1388769
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 6.3 9.5

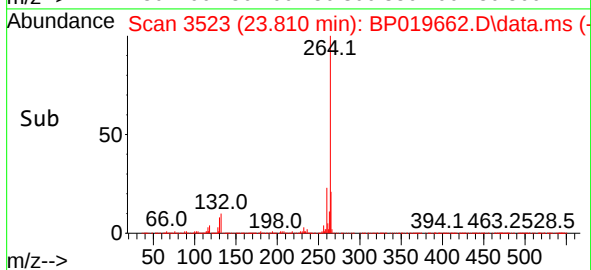
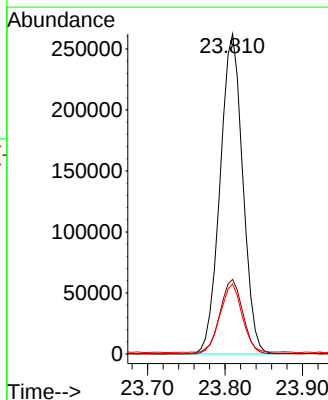
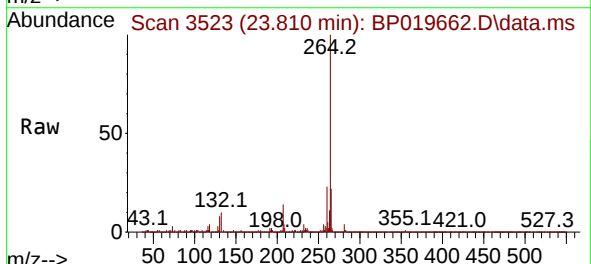
Manual Integrations
APPROVED

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



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.810 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:264 Resp: 532604
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.917 ng

RT: 26.345 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BP019662.D

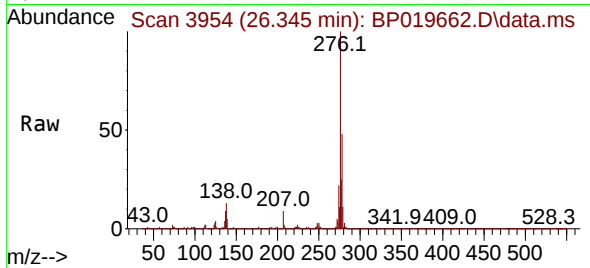
Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD



Tgt Ion: 276 Resp: 179043

Ion Ratio Lower Upper

276 100

138 15.1 13.1 19.7

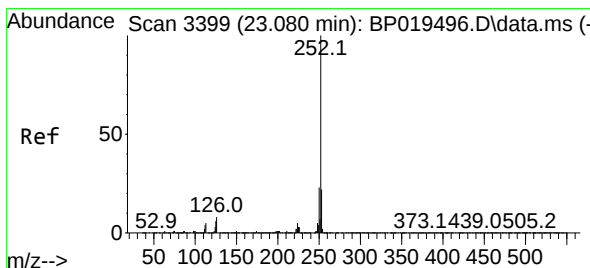
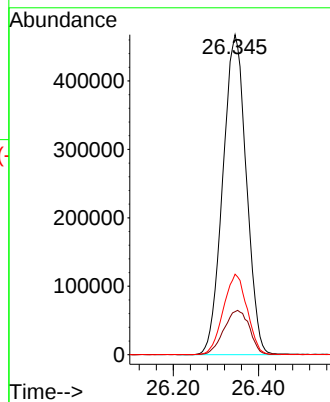
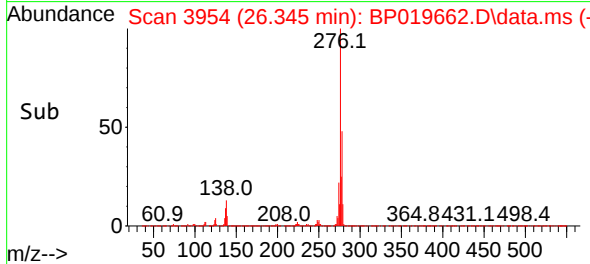
277 25.4 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#88

Benzo(b)fluoranthene

Concen: 45.249 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

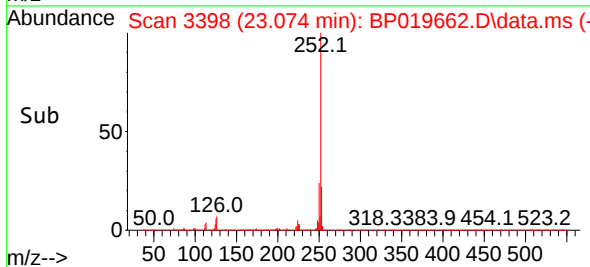
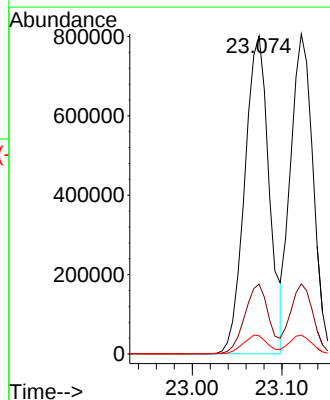
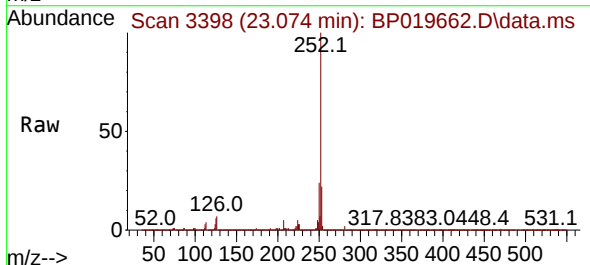
Tgt Ion: 252 Resp: 1518900

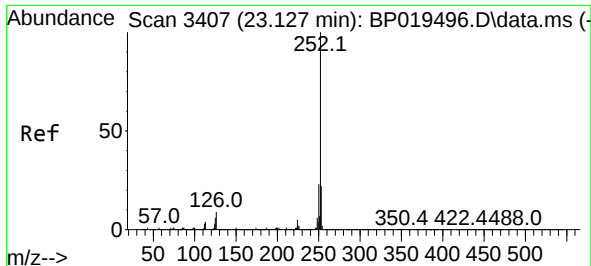
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 5.7 4.9 7.3





#89
Benzo(k)fluoranthene
Concen: 43.571 ng
RT: 23.122 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

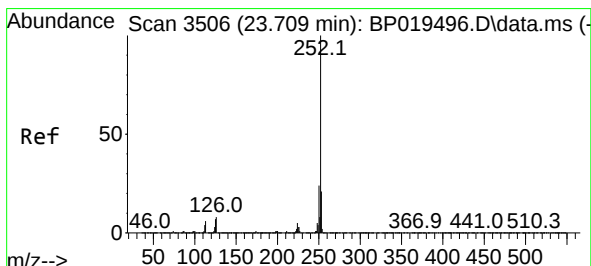
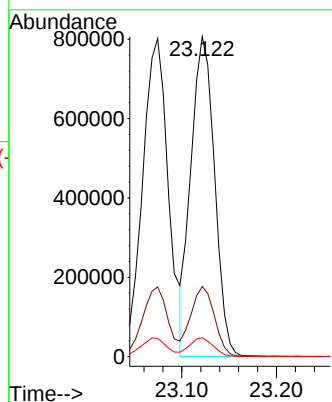
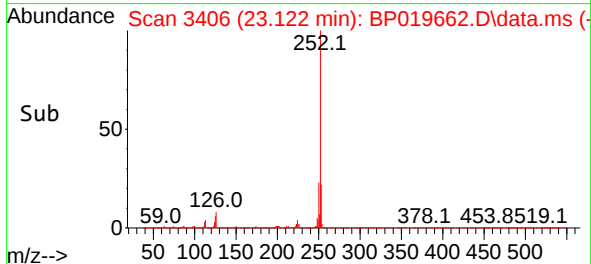
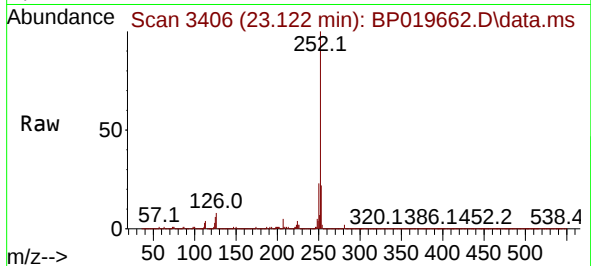
ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:252 Resp: 1397092
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 5.9 5.0 7.6

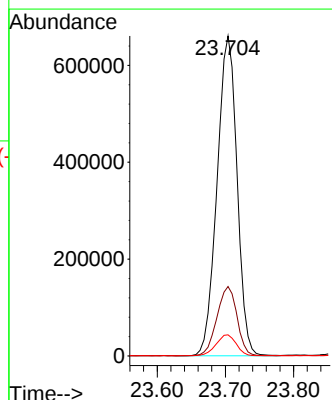
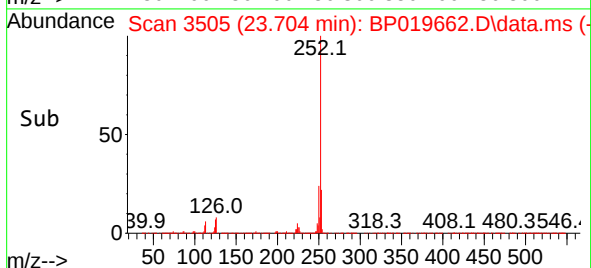
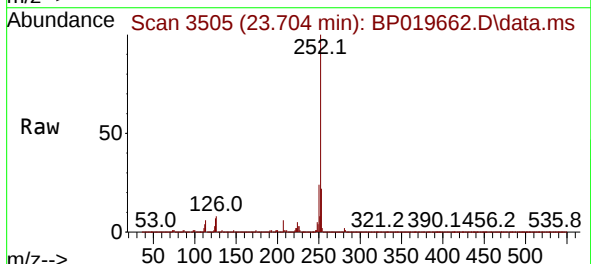
Manual Integrations
APPROVED

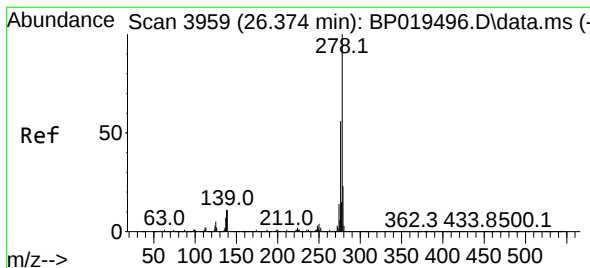
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#90
Benzo(a)pyrene
Concen: 45.116 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:252 Resp: 1347514
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 6.6 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 44.263 ng

RT: 26.374 min Scan# 3959

Delta R.T. 0.000 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:278 Resp: 1484180

Ion Ratio Lower Upper

278 100

139 9.5 8.6 12.8

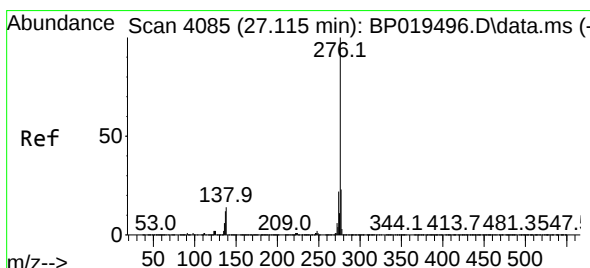
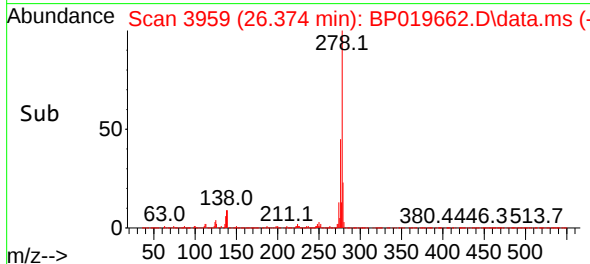
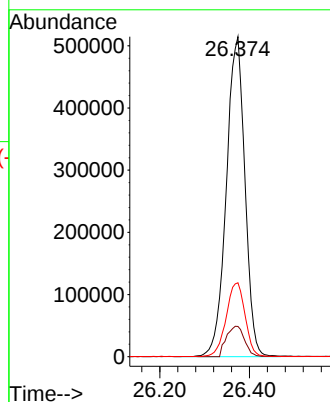
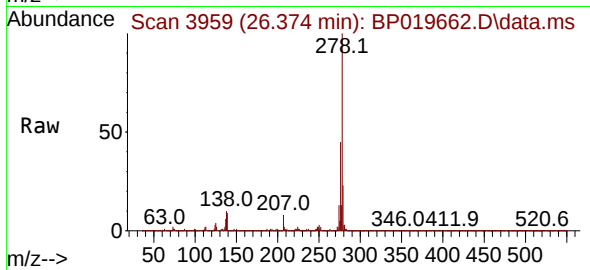
279 23.1 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#92

Benzo(g,h,i)perylene

Concen: 41.538 ng

RT: 27.121 min Scan# 4086

Delta R.T. 0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Tgt Ion:276 Resp: 1412994

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 12.4 10.9 16.3

