

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019741.D
 Acq On : 16 Feb 2024 12:50
 Operator : MA/JU
 Sample : PB158970BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158970BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/19/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 16 13:19:59 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	69893	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	260079	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	173388	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	409566	20.000	ng	0.00
76) Chrysene-d12	21.392	240	401938	20.000	ng	0.00
86) Perylene-d12	23.816	264	457544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	559138	128.952	ng	0.00
7) Phenol-d6	7.081	99	716554	122.561	ng	0.00
23) Nitrobenzene-d5	9.075	82	486653	81.081	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	419422	165.675	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1154484	82.313	ng	-0.01
79) Terphenyl-d14	19.863	244	2225564	91.060	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	54166	32.424	ng	97
3) Pyridine	3.781	79	147890	32.653	ng	98
4) n-Nitrosodimethylamine	3.699	42	80903	41.029	ng	96
6) Aniline	7.234	93	145782	25.662	ng	100
8) 2-Chlorophenol	7.469	128	202304	45.445	ng	94
9) Benzaldehyde	7.058	77	9243m	2.255	ng	
10) Phenol	7.105	94	255084	43.775	ng	97
11) bis(2-Chloroethyl)ether	7.340	93	186241	41.081	ng	99
12) 1,3-Dichlorobenzene	7.787	146	228587	41.965	ng	99
13) 1,4-Dichlorobenzene	7.940	146	234262	42.449	ng	99
14) 1,2-Dichlorobenzene	8.252	146	222695	41.706	ng	98
15) Benzyl Alcohol	8.152	79	202459m	43.340	ng	
16) 2,2'-oxybis(1-Chloropr...	8.428	45	184019	40.592	ng	99
17) 2-Methylphenol	8.352	107	172450	43.958	ng	96
18) Hexachloroethane	8.969	117	88105	41.188	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	160968	40.308	ng	97
20) 3+4-Methylphenols	8.687	107	233240	43.564	ng	97
22) Acetophenone	8.734	105	312179	42.134	ng	# 98
24) Nitrobenzene	9.116	77	245277	40.587	ng	98
25) Isophorone	9.646	82	435935	41.704	ng	99
26) 2-Nitrophenol	9.822	139	112400	48.780	ng	97
27) 2,4-Dimethylphenol	9.887	122	155531	52.787	ng	97
28) bis(2-Chloroethoxy)met...	10.128	93	245205	41.460	ng	100
29) 2,4-Dichlorophenol	10.357	162	208944	46.912	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	240065	43.959	ng	98
31) Naphthalene	10.757	128	600263	42.082	ng	100
32) Benzoic acid	10.040	122	146530	51.043	ng	97
33) 4-Chloroaniline	10.875	127	67614	12.818	ng	95
34) Hexachlorobutadiene	11.022	225	175096	43.267	ng	99
35) Caprolactam	11.687	113	64482	51.140	ng	99
36) 4-Chloro-3-methylphenol	12.004	107	229520	47.260	ng	99
37) 2-Methylnaphthalene	12.363	142	427689	43.326	ng	98
38) 1-Methylnaphthalene	12.587	142	409976	42.262	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	300275	44.905	ng	99
41) Hexachlorocyclopentadiene	12.693	237	386105	127.815	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	192206	47.469	ng	99

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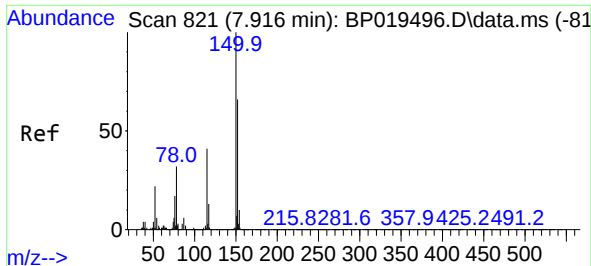
Manual Integrations
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 Supervised By :mohammad ahmed 02/19/2024

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	213567	48.033	ng	98
46) 1,1'-Biphenyl	13.375	154	586560	42.386	ng	99
47) 2-Chloronaphthalene	13.416	162	472992	41.637	ng	97
48) 2-Nitroaniline	13.634	65	145617	45.842	ng	96
49) Acenaphthylene	14.263	152	753516	47.279	ng	100
50) Dimethylphthalate	14.010	163	613813	46.244	ng	99
51) 2,6-Dinitrotoluene	14.134	165	134708	46.192	ng	96
52) Acenaphthene	14.604	154	422304	42.693	ng	99
53) 3-Nitroaniline	14.463	138	85160	31.776	ng	98
54) 2,4-Dinitrophenol	14.675	184	181827	120.085	ng	99
55) Dibenzofuran	14.940	168	731024	45.375	ng	99
56) 4-Nitrophenol	14.775	139	224960	102.410	ng	97
57) 2,4-Dinitrotoluene	14.922	165	195643	51.194	ng	98
58) Fluorene	15.592	166	590369	46.008	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	202874	54.246	ng	95
60) Diethylphthalate	15.375	149	621232	47.054	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	335130	46.468	ng	94
62) 4-Nitroaniline	15.628	138	134366	47.831	ng	100
63) Azobenzene	15.887	77	552452	43.272	ng	96
65) 4,6-Dinitro-2-methylph...	15.687	198	123448	52.860	ng	93
66) n-Nitrosodiphenylamine	15.810	169	522654	42.610	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	228383	44.605	ng	97
68) Hexachlorobenzene	16.592	284	264887	44.302	ng	94
69) Atrazine	16.775	200	207264	50.921	ng	97
70) Pentachlorophenol	16.945	266	370860	99.601	ng	99
71) Phenanthrene	17.339	178	969588	44.984	ng	99
72) Anthracene	17.434	178	982364	45.688	ng	100
73) Carbazole	17.710	167	896269	45.885	ng	99
74) Di-n-butylphthalate	18.269	149	1066292	45.148	ng	99
75) Fluoranthene	19.310	202	1231744	46.780	ng	99
77) Benzidine	19.498	184	377055	44.870	ng	99
78) Pyrene	19.663	202	1272548	44.860	ng	99
80) Butylbenzylphthalate	20.545	149	479364	45.251	ng	99
81) Benzo(a)anthracene	21.375	228	1281177	45.282	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	369400	35.829	ng	99
83) Chrysene	21.427	228	1192115	44.379	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	682138	42.287	ng	100
85) Di-n-octyl phthalate	22.257	149	1175770	41.427	ng	99
87) Indeno(1,2,3-cd)pyrene	26.357	276	1592657	45.474	ng	98
88) Benzo(b)fluoranthene	23.074	252	1340277	46.478	ng	99
89) Benzo(k)fluoranthene	23.127	252	1235084	44.837	ng	98
90) Benzo(a)pyrene	23.710	252	1191696	46.445	ng	98
91) Dibenzo(a,h)anthracene	26.380	278	1329641	46.160	ng	98
92) Benzo(g,h,i)perylene	27.139	276	1263435	43.234	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: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

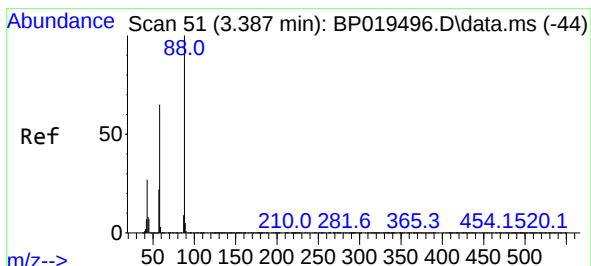
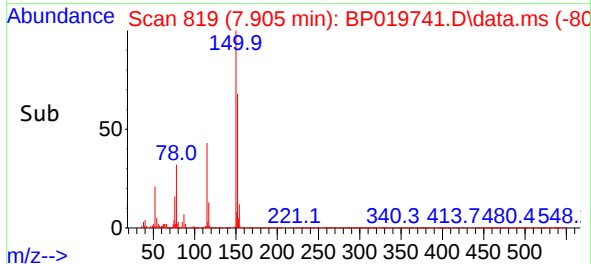
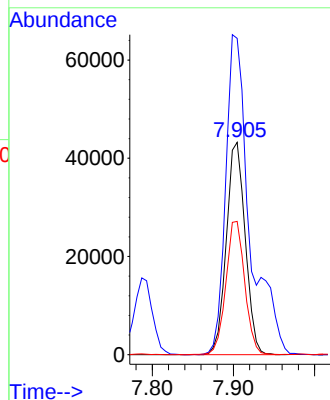
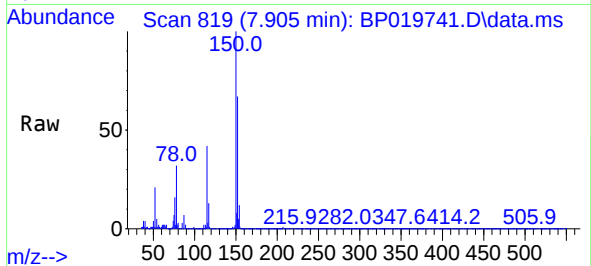
PB158970BS

Tgt Ion:152 Resp: 6989
Ion Ratio Lower Upper
152 100
150 149.0 121.8 182.8
115 62.8 49.9 74.9

Manual Integrations

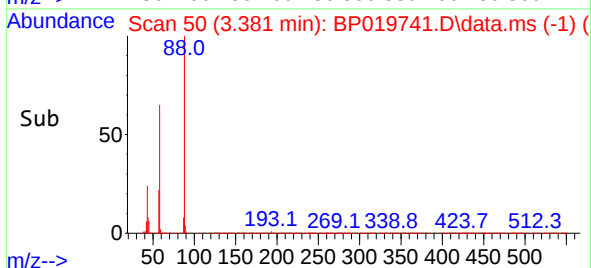
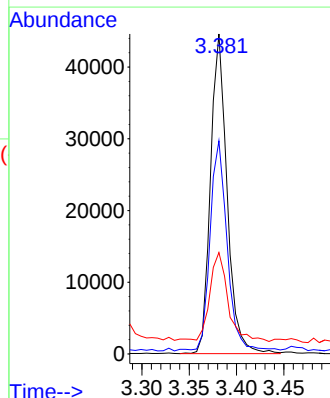
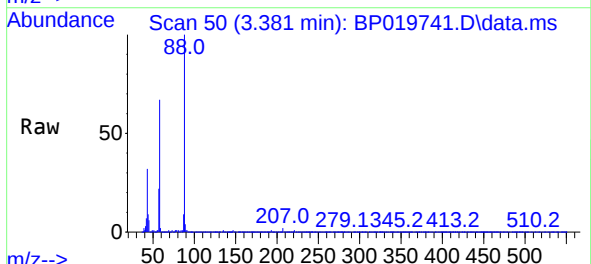
APPROVED

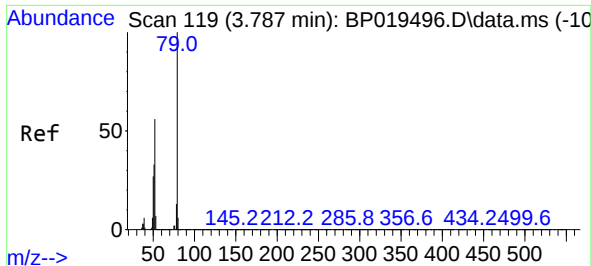
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#2
1,4-Dioxane
Concen: 32.424 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

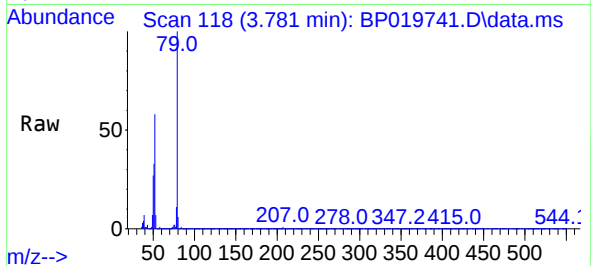
Tgt Ion: 88 Resp: 54166
Ion Ratio Lower Upper
88 100
58 66.2 52.6 78.8
43 31.0 21.9 32.9





#3
Pyridine
Concen: 32.653 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

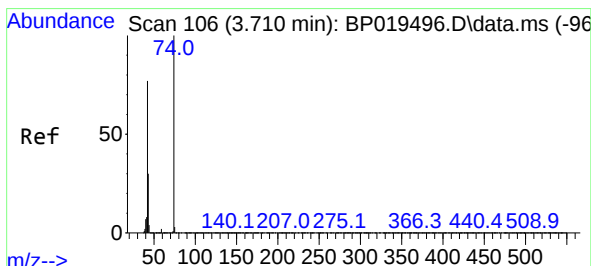
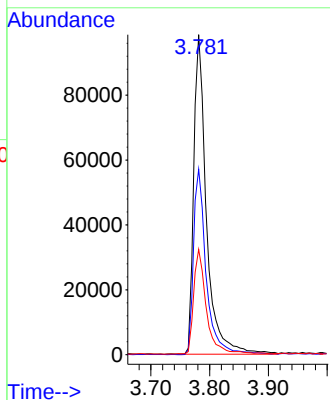
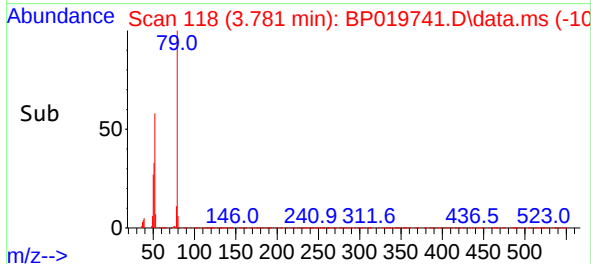
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PB158970BS



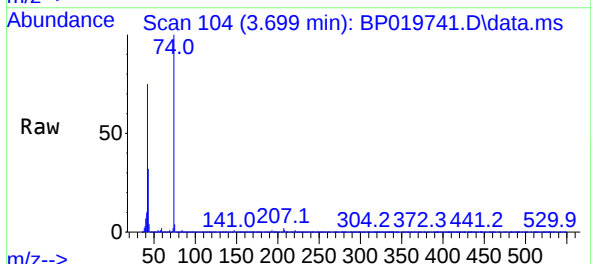
Tgt Ion: 79 Resp: 147890
Ion Ratio Lower Upper
79 100
52 58.0 45.0 67.6
51 32.9 26.8 40.2

Manual Integrations
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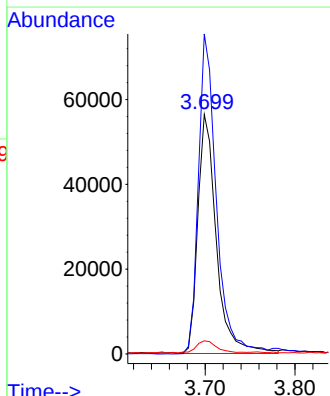
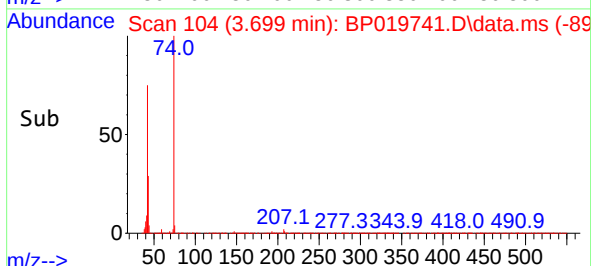
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

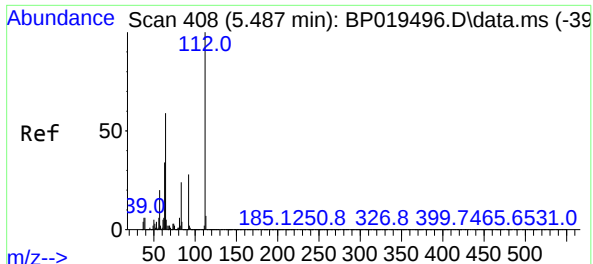


#4
n-Nitrosodimethylamine
Concen: 41.029 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50



Tgt Ion: 42 Resp: 80903
Ion Ratio Lower Upper
42 100
74 133.6 103.4 155.2
44 5.5 4.8 7.2





#5
2-Fluorophenol
Concen: 128.952 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

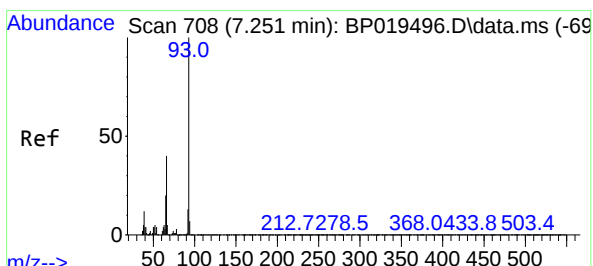
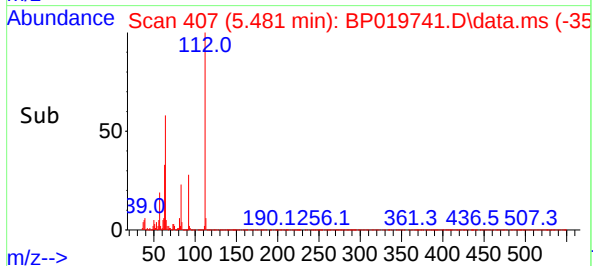
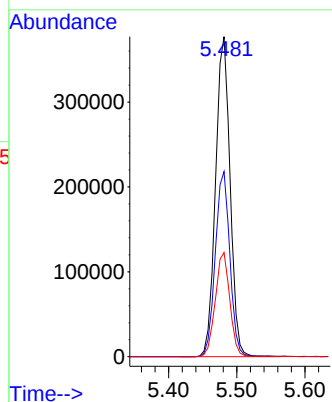
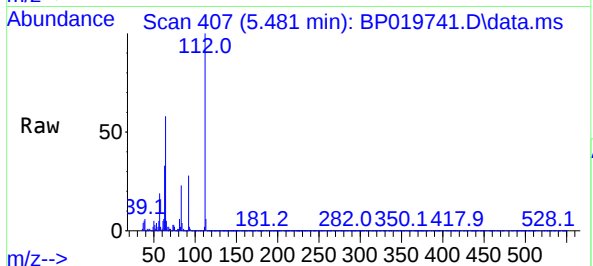
Tgt Ion:112 Resp: 559138
Ion Ratio Lower Upper
112 100
64 57.9 47.4 71.0
63 32.5 27.0 40.6

Manual Integrations

APPROVED

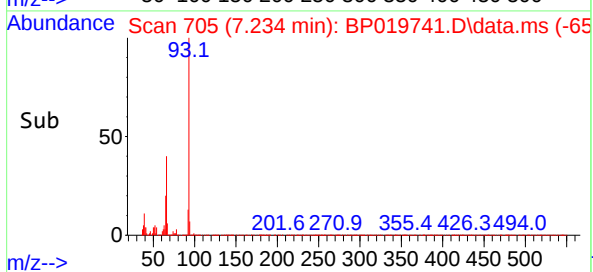
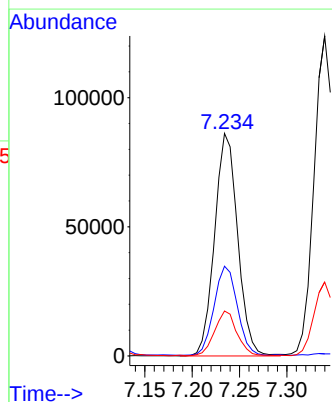
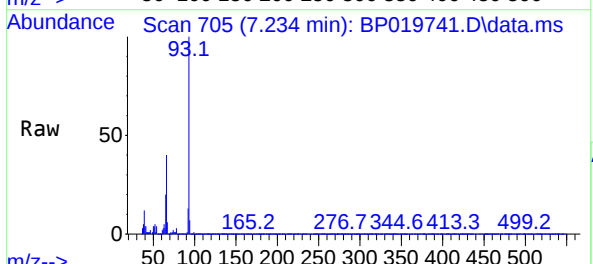
Reviewed By :Yogesh Patel 02/19/2024

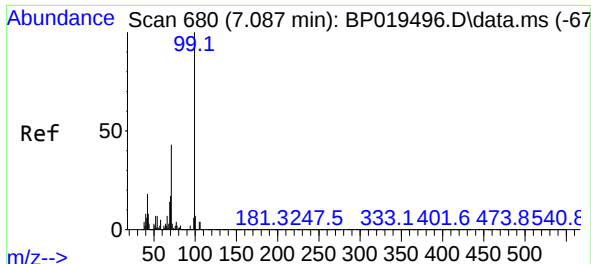
Supervised By :mohammad ahmed 02/19/2024



#6
Aniline
Concen: 25.662 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.017 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

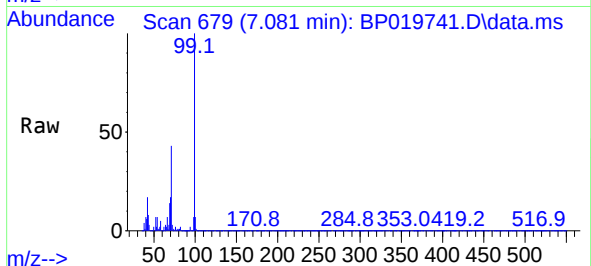
Tgt Ion: 93 Resp: 145782
Ion Ratio Lower Upper
93 100
66 40.4 32.3 48.5
65 20.2 16.4 24.6





#7
Phenol-d6
Concen: 122.561 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

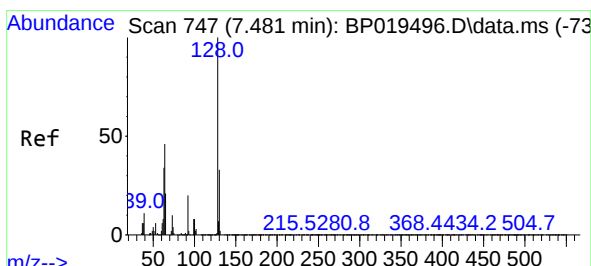
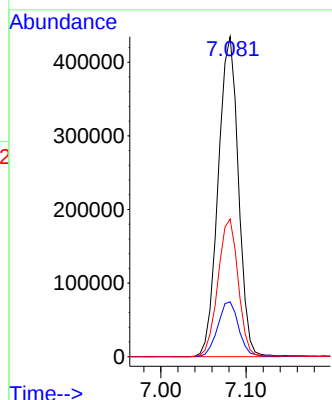
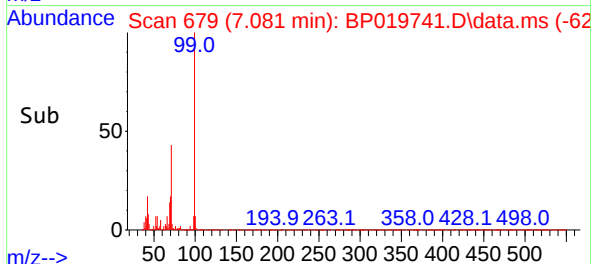
Instrument :
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Tgt Ion: 99 Resp: 716554
Ion Ratio Lower Upper
99 100
42 17.2 14.7 22.1
71 43.0 34.8 52.2

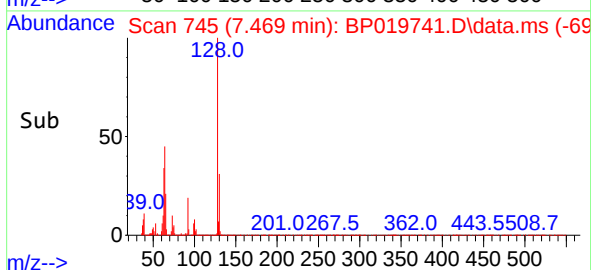
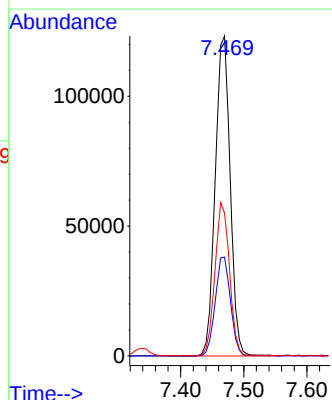
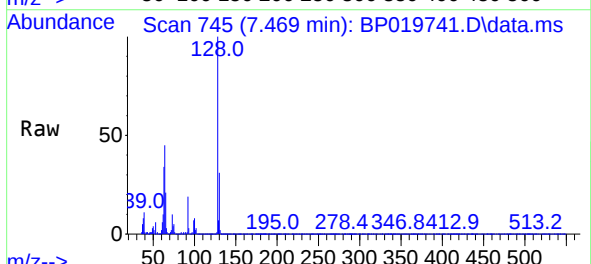
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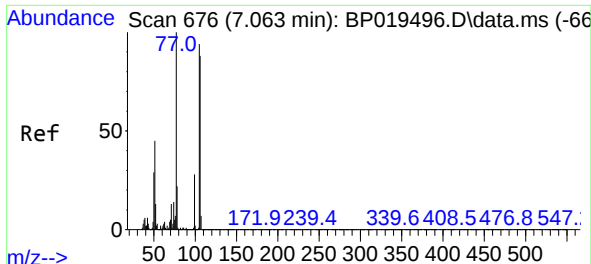
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#8
2-Chlorophenol
Concen: 45.445 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:128 Resp: 202304
Ion Ratio Lower Upper
128 100
130 30.9 13.3 53.3
64 44.8 29.7 69.7





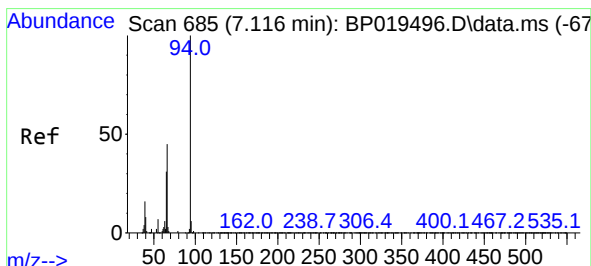
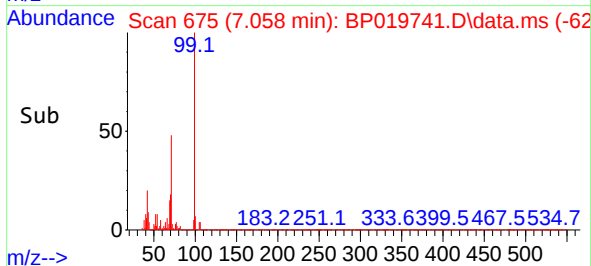
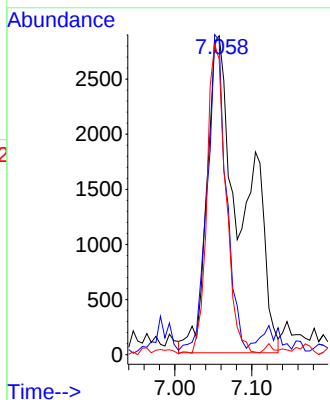
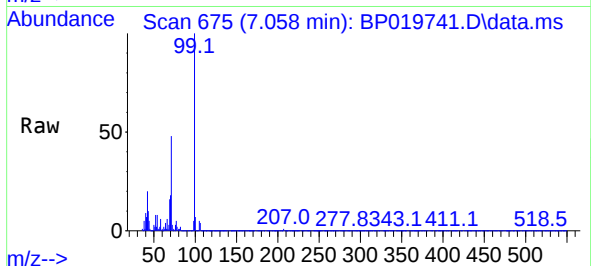
#9
Benzaldehyde
Concen: 2.255 ng m
RT: 7.058 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB158970BS

Tgt Ion: 77 Resp: 924
Ion Ratio Lower Upper
77 100
105 98.7 74.0 114.0
106 92.6 67.8 107.8

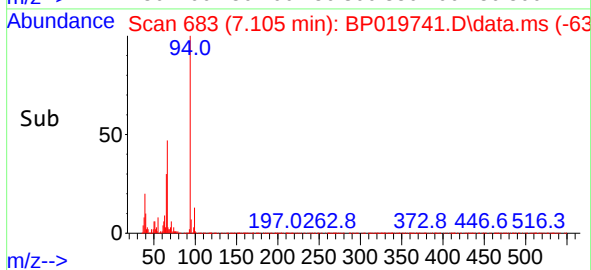
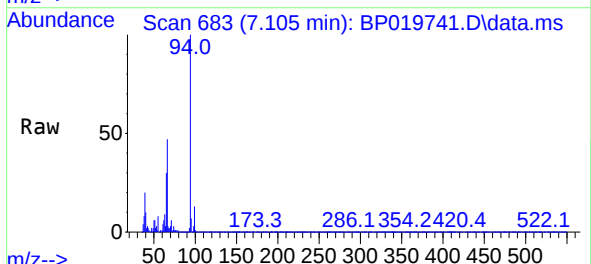
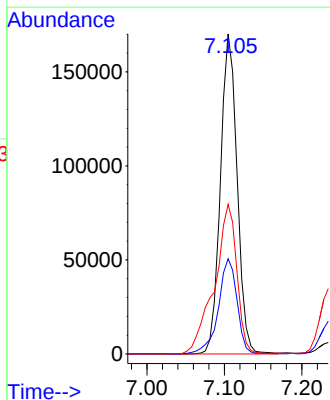
Manual Integrations
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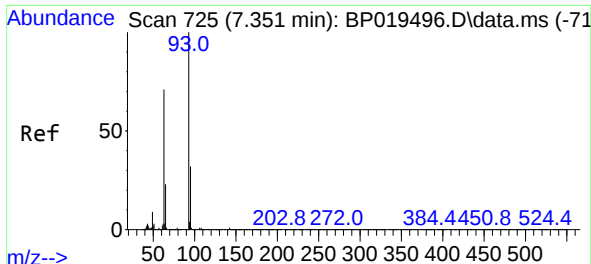
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#10
Phenol
Concen: 43.775 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

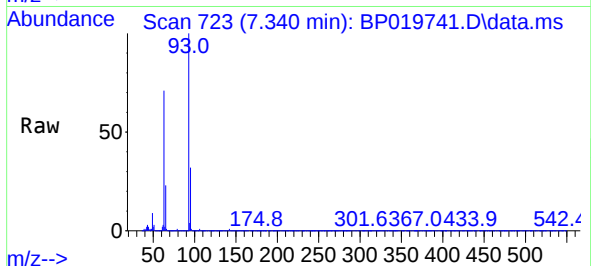
Tgt Ion: 94 Resp: 255084
Ion Ratio Lower Upper
94 100
65 29.8 11.3 51.3
66 46.7 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 41.081 ng
RT: 7.340 min Scan# 711
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

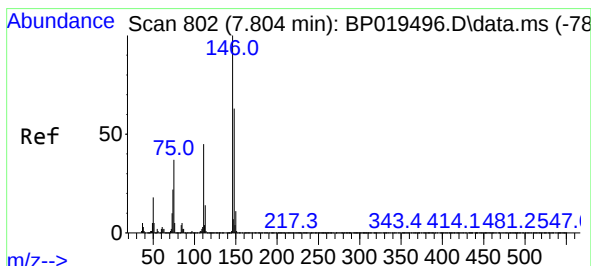
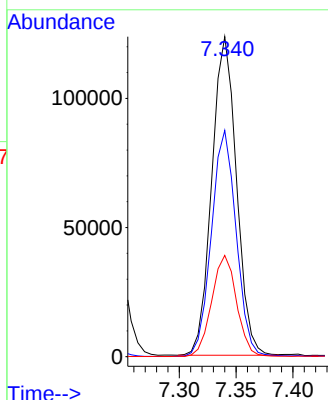
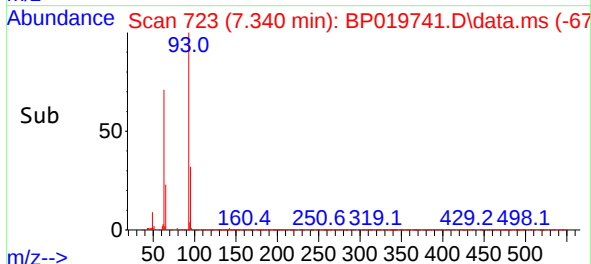
Instrument :
BNA_P
ClientSampleId :
PB158970BS



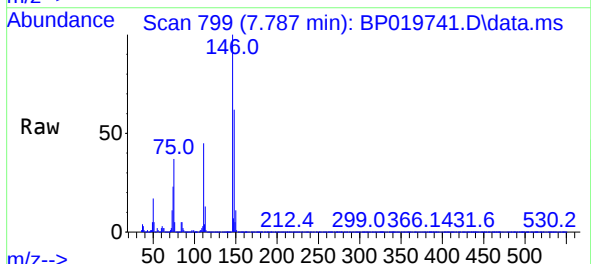
Tgt Ion: 93 Resp: 18624
Ion Ratio Lower Upper
93 100
63 70.7 51.2 91.2
95 31.6 11.8 51.8

Manual Integrations
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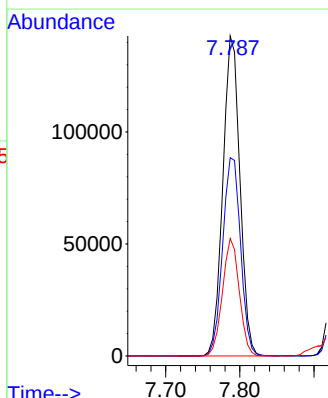
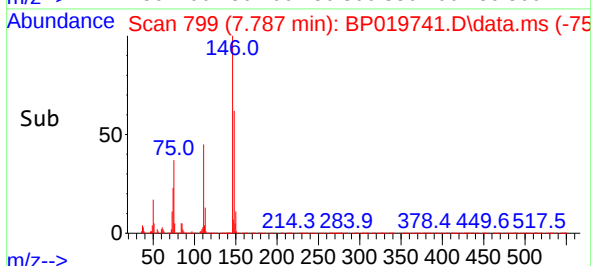
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

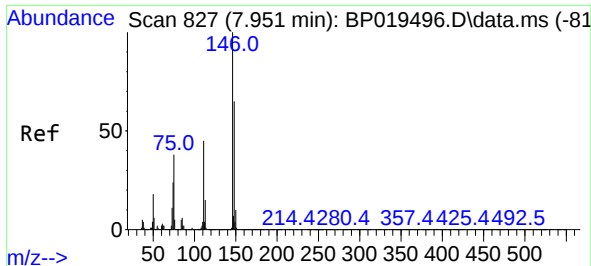


#12
1,3-Dichlorobenzene
Concen: 41.965 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.017 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50



Tgt Ion:146 Resp: 228587
Ion Ratio Lower Upper
146 100
148 61.9 50.4 75.6
75 36.7 29.9 44.9





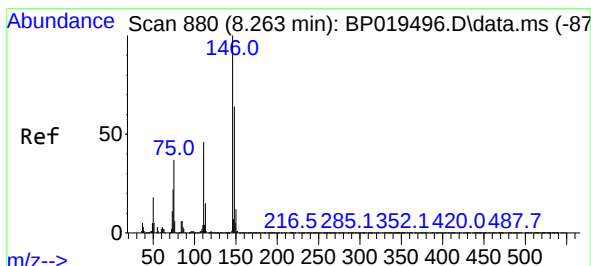
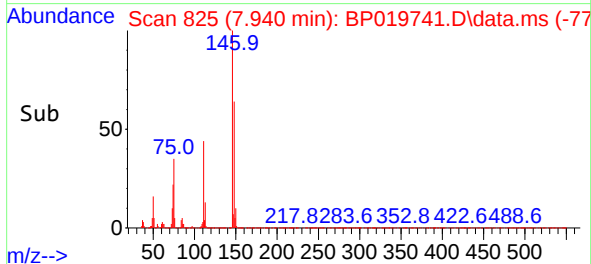
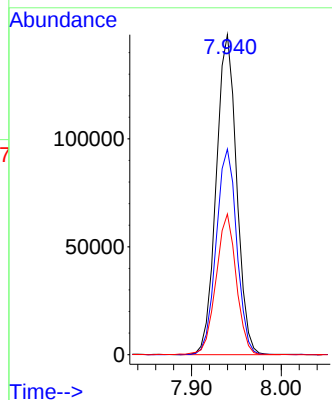
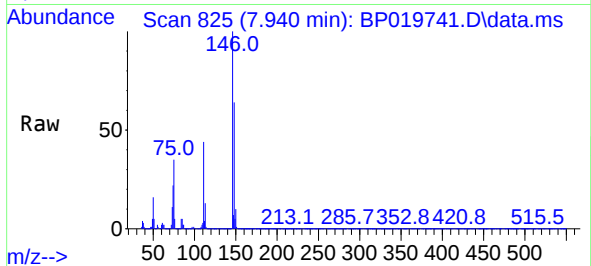
#13
1,4-Dichlorobenzene
Concen: 42.449 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB158970BS

Tgt Ion:146 Resp: 23426
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
111 43.9 35.8 53.6

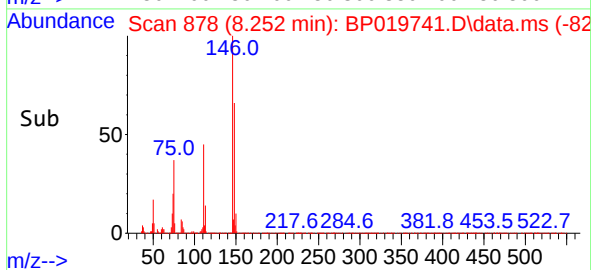
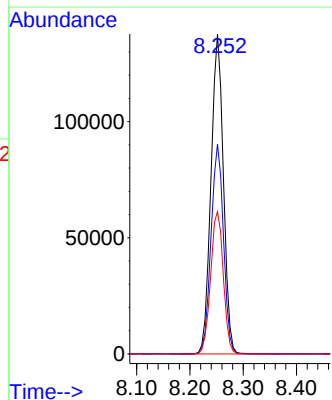
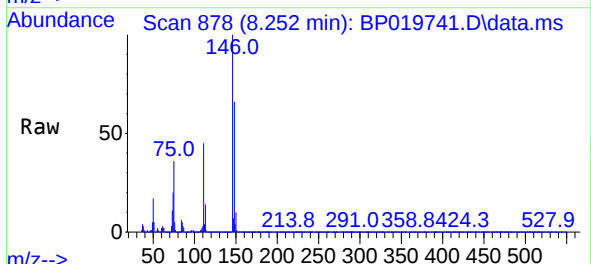
Manual Integrations
APPROVED

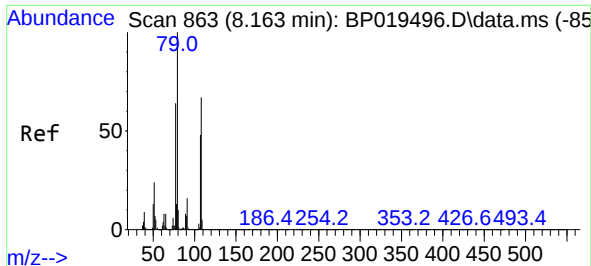
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#14
1,2-Dichlorobenzene
Concen: 41.706 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:146 Resp: 222695
Ion Ratio Lower Upper
146 100
148 65.5 51.4 77.0
111 44.5 37.0 55.6





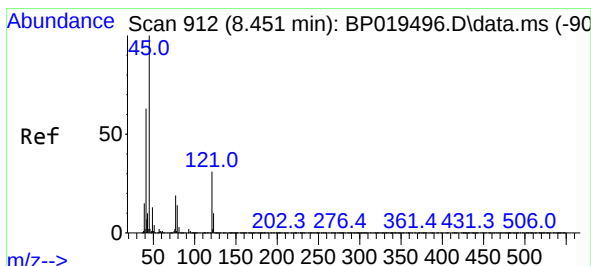
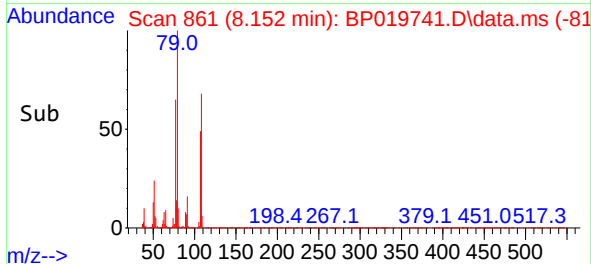
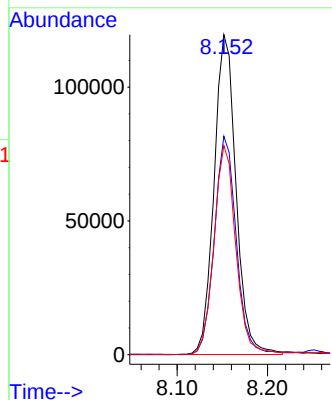
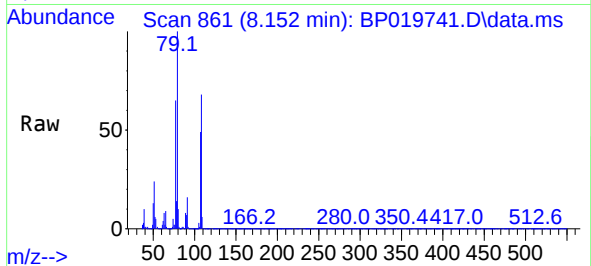
#15
Benzyl Alcohol
Concen: 43.340 ng m
RT: 8.152 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB158970BS

Tgt Ion: 79 Resp: 20245
Ion Ratio Lower Upper
79 100
108 68.3 53.8 80.6
77 65.4 51.3 76.9

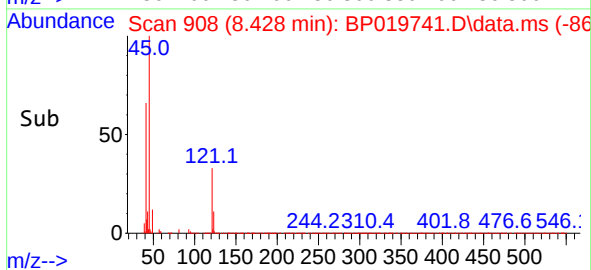
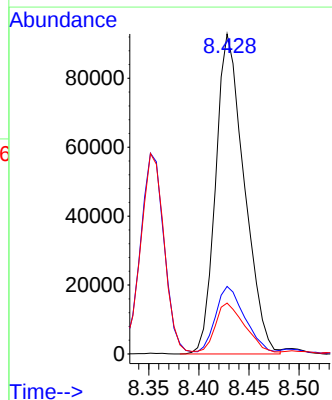
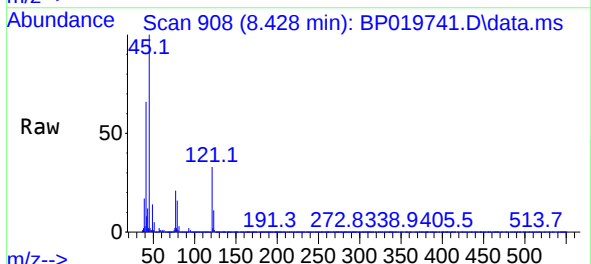
Manual Integrations
APPROVED

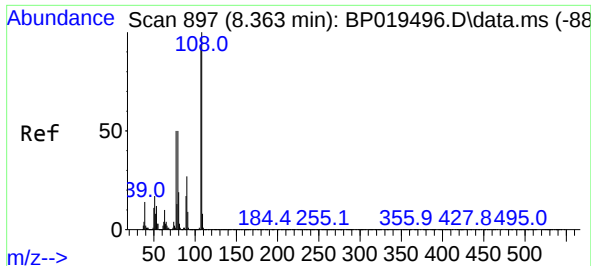
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.592 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.023 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 45 Resp: 184019
Ion Ratio Lower Upper
45 100
77 21.1 0.8 40.8
79 15.9 0.0 35.5





#17
2-Methylphenol
Concen: 43.958 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

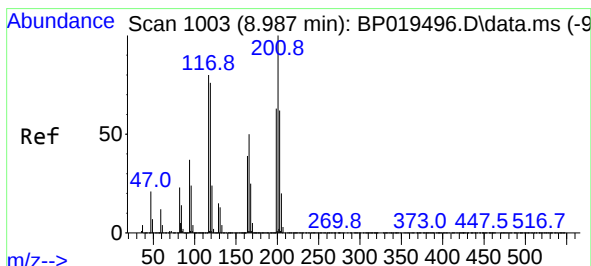
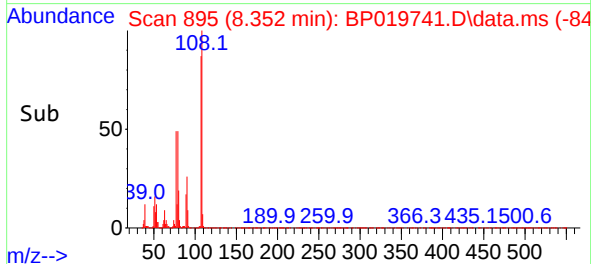
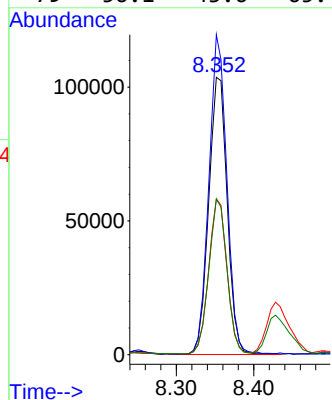
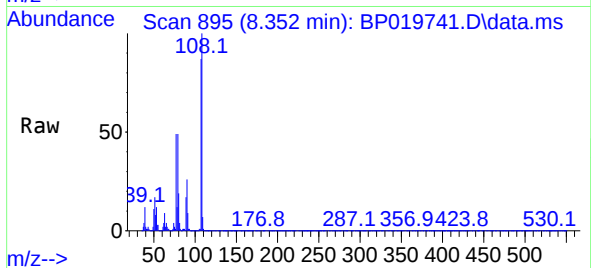
Tgt Ion:107 Resp: 172450
Ion Ratio Lower Upper
107 100
108 115.4 87.0 130.6
77 56.2 43.5 65.3
79 56.1 43.6 65.4

Manual Integrations

APPROVED

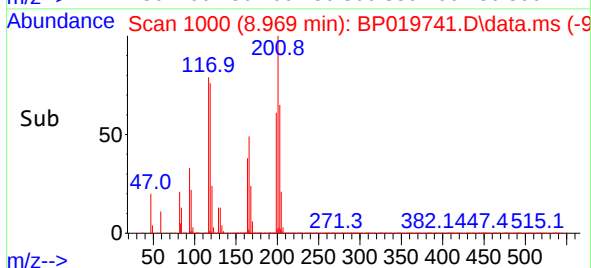
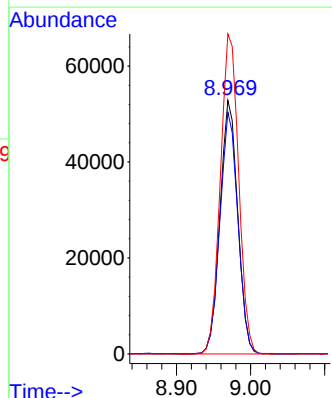
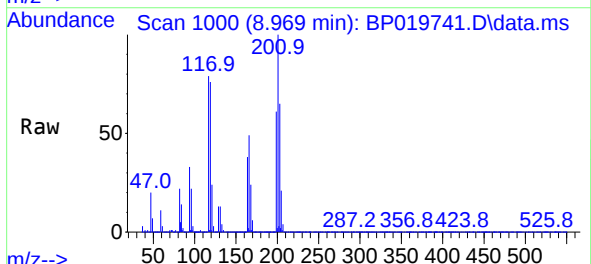
Reviewed By :Yogesh Patel 02/19/2024

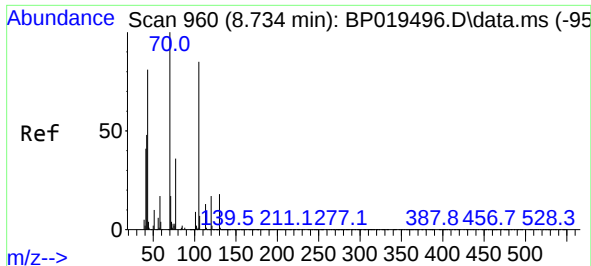
Supervised By :mohammad ahmed 02/19/2024



#18
Hexachloroethane
Concen: 41.188 ng
RT: 8.969 min Scan# 1000
Delta R.T. -0.017 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:117 Resp: 88105
Ion Ratio Lower Upper
117 100
119 95.3 75.5 113.3
201 126.2 99.4 149.2





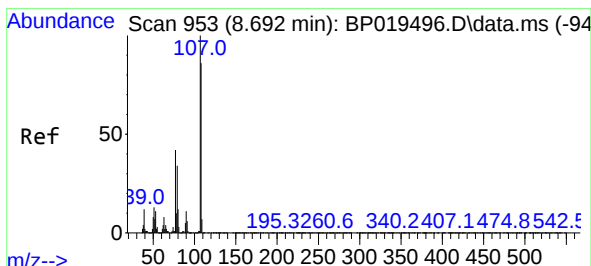
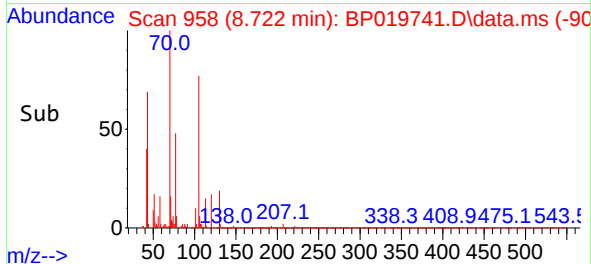
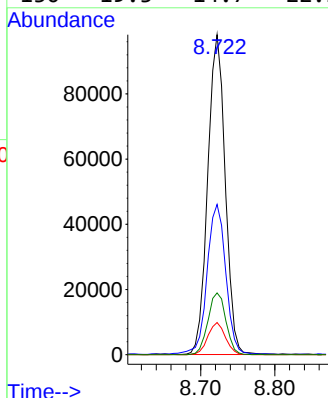
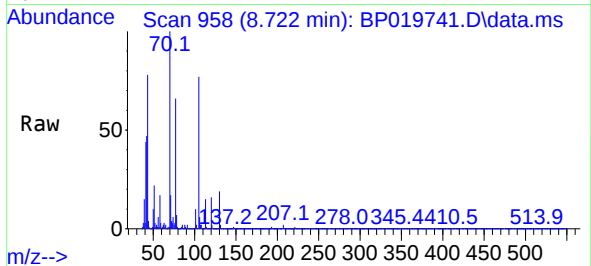
#19
n-Nitroso-di-n-propylamine
Concen: 40.308 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB158970BS

Tgt Ion: 70 Resp: 160968
Ion Ratio Lower Upper
70 100
42 46.9 39.2 58.8
101 10.0 7.3 10.9
130 19.3 14.7 22.1

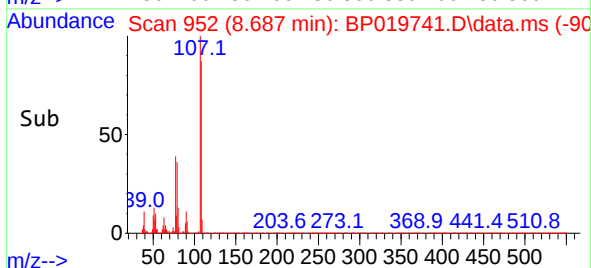
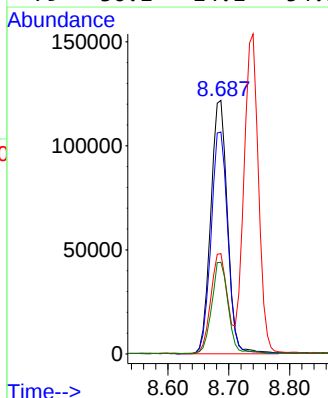
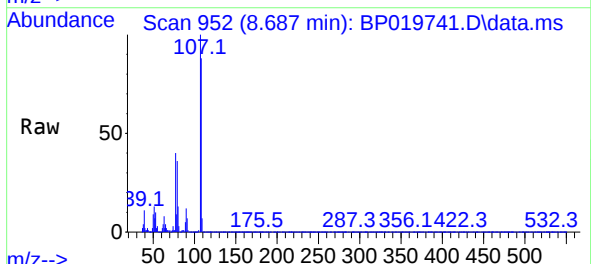
Manual Integrations
APPROVED

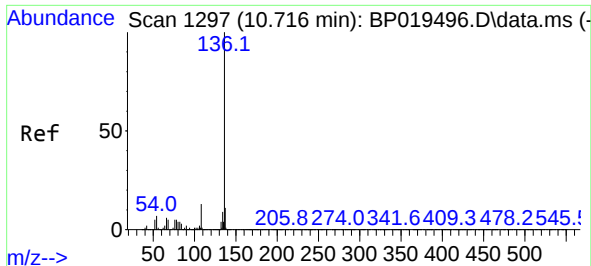
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#20
3+4-Methylphenols
Concen: 43.564 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:107 Resp: 233240
Ion Ratio Lower Upper
107 100
108 87.5 65.5 105.5
77 39.6 21.8 61.8
79 36.1 14.1 54.1





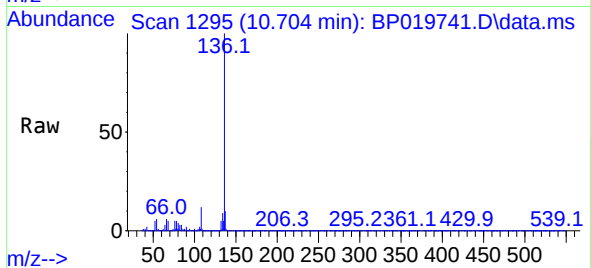
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS



Tgt Ion:136 Resp: 260079

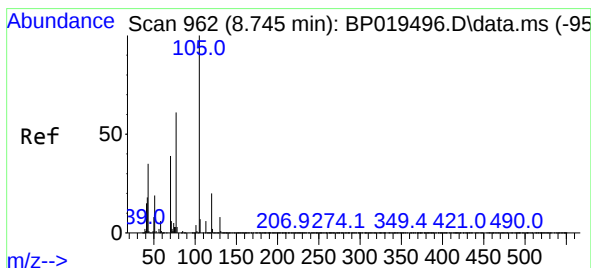
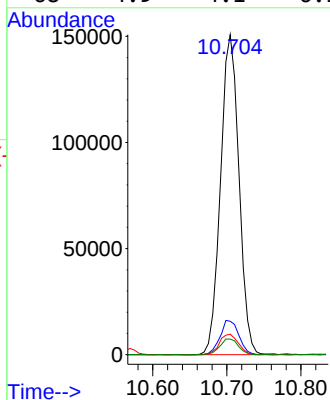
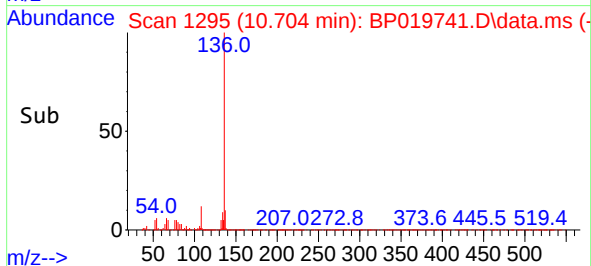
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.4	5.3	7.9
68	4.9	4.1	6.1

Manual Integrations

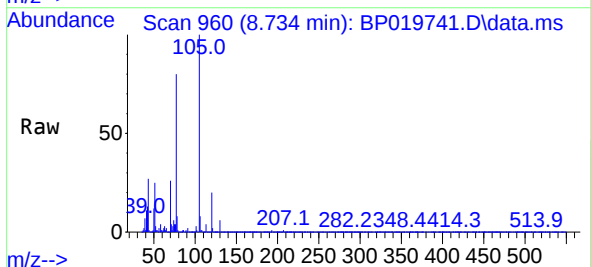
APPROVED

Reviewed By :Yogesh Patel 02/19/2024

Supervised By :mohammad ahmed 02/19/2024

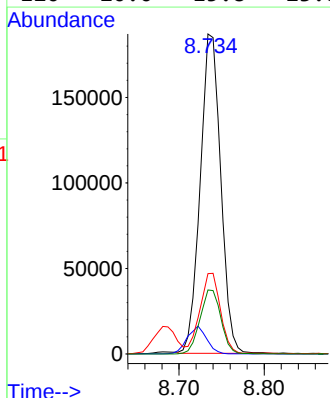
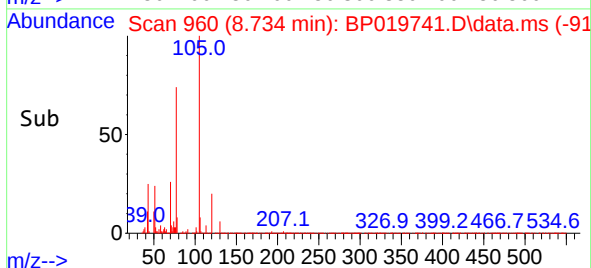


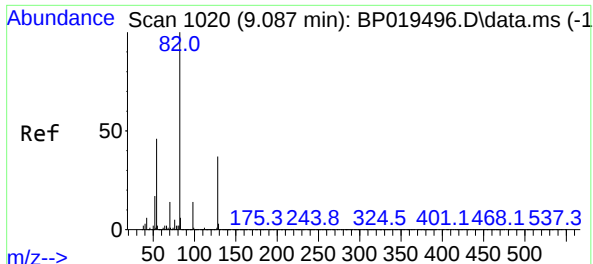
#22
Acetophenone
Concen: 42.134 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50



Tgt Ion:105 Resp: 312179

Ion	Ratio	Lower	Upper
105	100		
71	4.1	4.9	7.3#
51	25.1	20.7	31.1
120	20.0	15.8	23.8





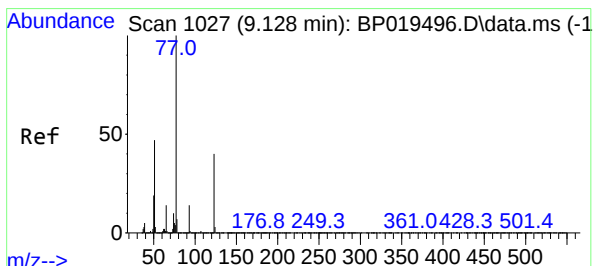
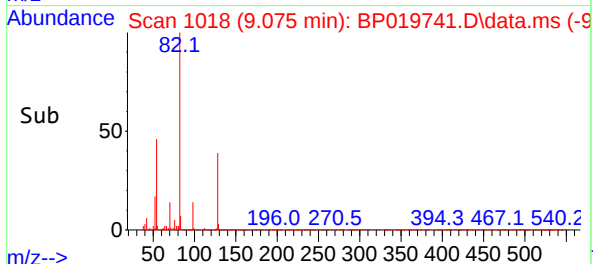
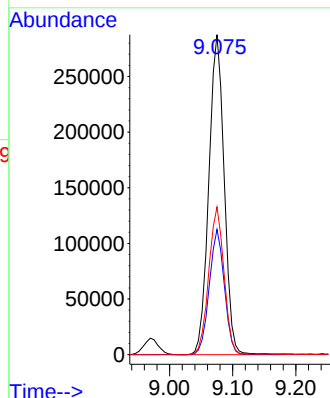
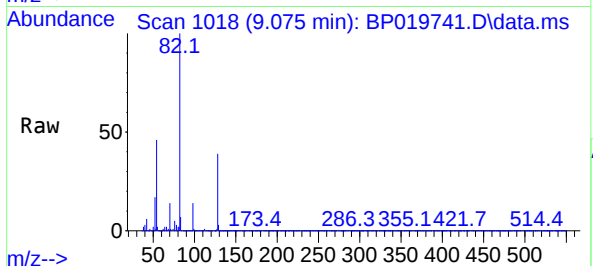
#23
Nitrobenzene-d5
Concen: 81.081 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB158970BS

Tgt Ion: 82 Resp: 48665
Ion Ratio Lower Upper
82 100
128 39.2 29.7 44.5
54 46.1 36.8 55.2

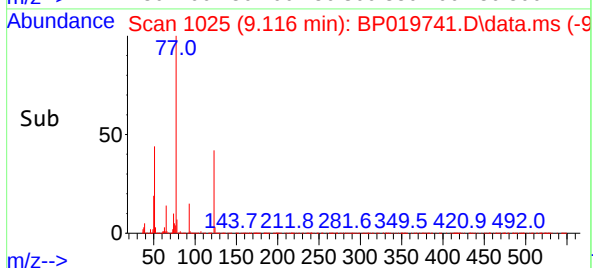
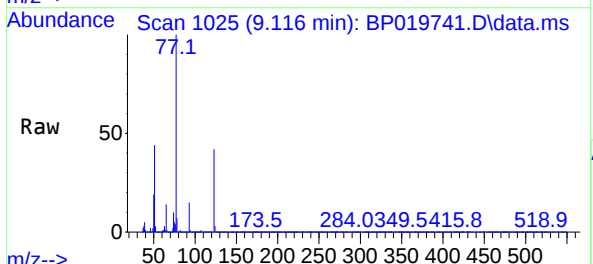
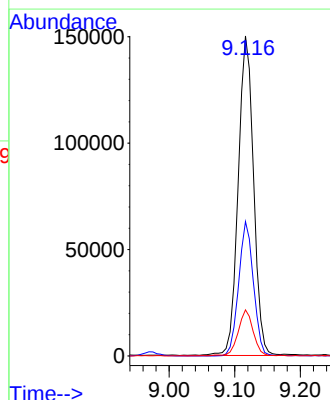
Manual Integrations
APPROVED

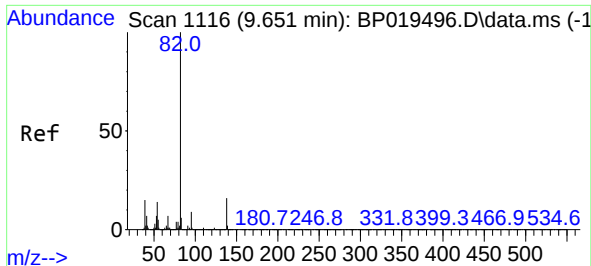
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#24
Nitrobenzene
Concen: 40.587 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 77 Resp: 245277
Ion Ratio Lower Upper
77 100
123 42.0 32.3 48.5
65 14.4 11.6 17.4





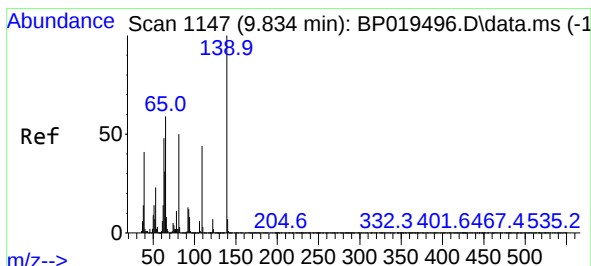
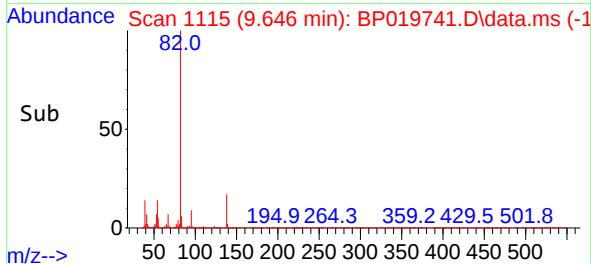
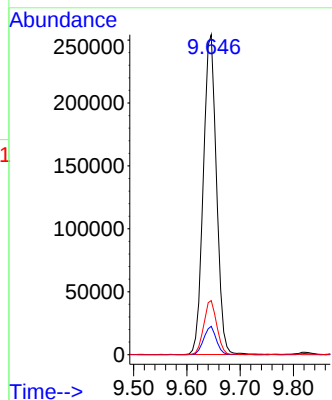
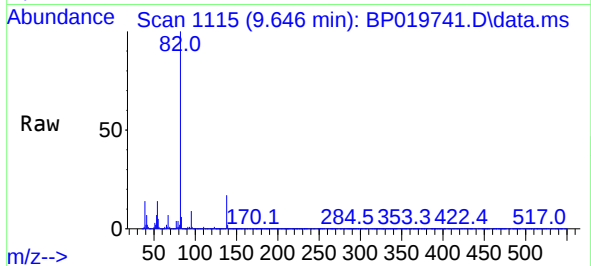
#25
Isophorone
Concen: 41.704 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB158970BS

Tgt Ion: 82 Resp: 435938
Ion Ratio Lower Upper
82 100
95 8.8 7.0 10.4
138 16.9 13.1 19.7

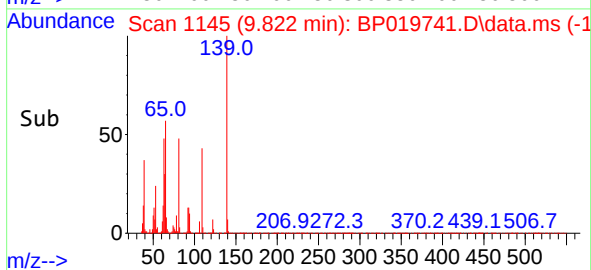
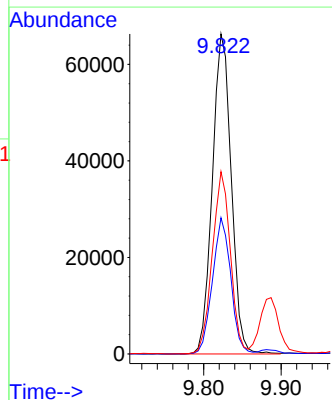
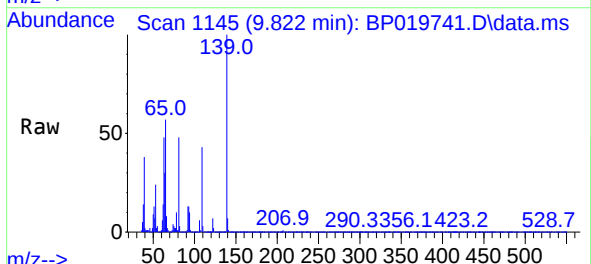
Manual Integrations
APPROVED

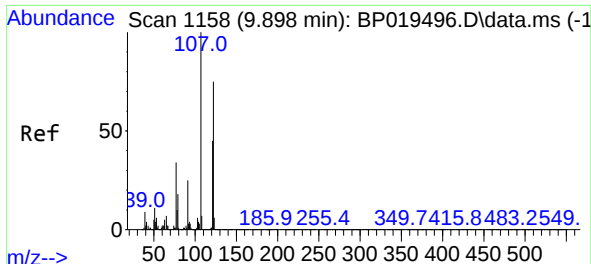
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#26
2-Nitrophenol
Concen: 48.780 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:139 Resp: 112400
Ion Ratio Lower Upper
139 100
109 42.6 34.9 52.3
65 57.0 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 52.787 ng
RT: 9.887 min Scan# 1155
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

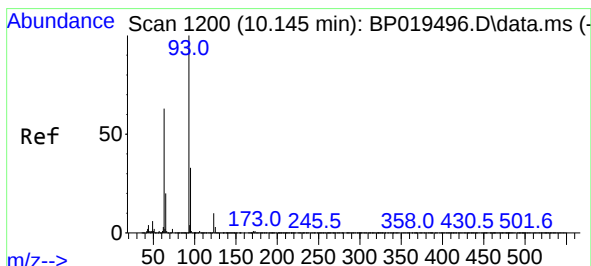
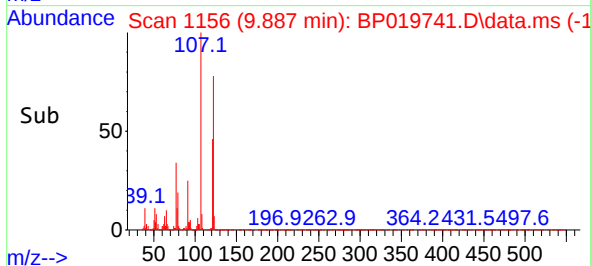
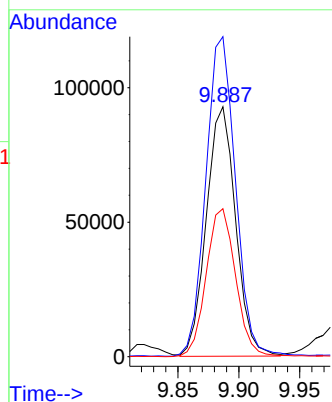
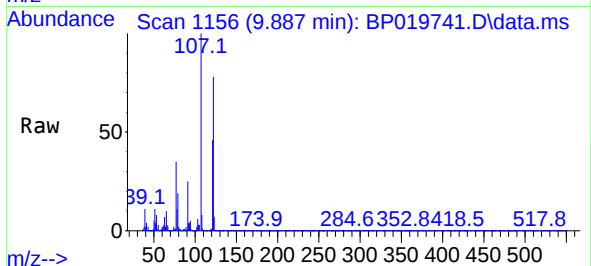
PB158970BS

Tgt Ion:122 Resp: 15553
Ion Ratio Lower Upper
122 100
107 128.0 105.9 158.9
121 59.2 47.5 71.3

Manual Integrations

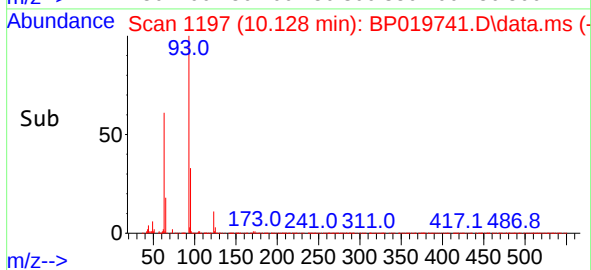
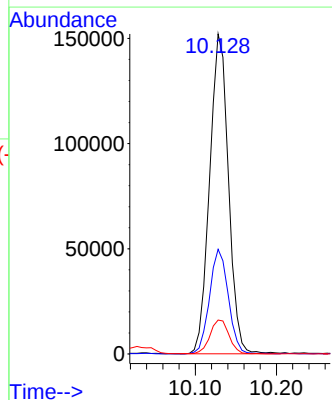
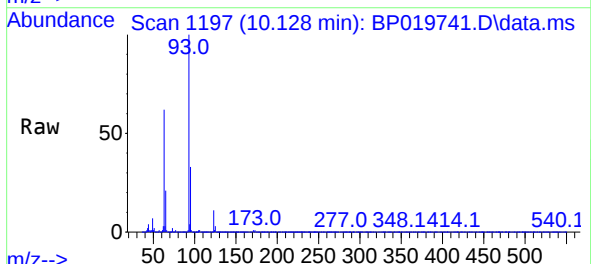
APPROVED

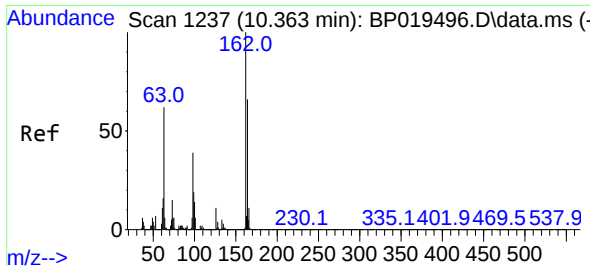
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.460 ng
RT: 10.128 min Scan# 1197
Delta R.T. -0.017 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 93 Resp: 245205
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 10.6 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 46.912 ng
RT: 10.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

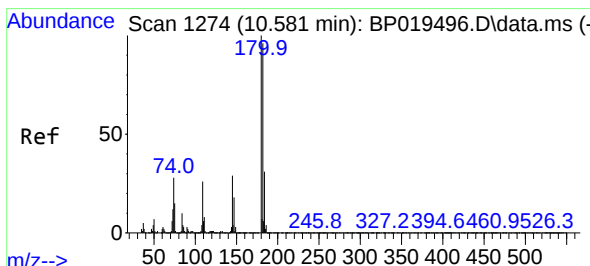
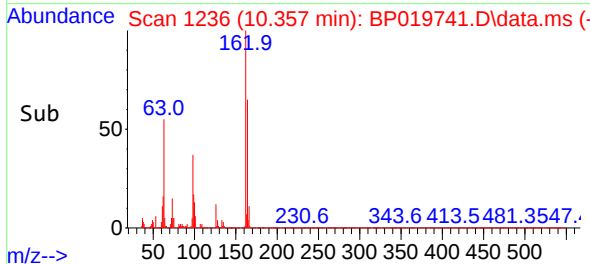
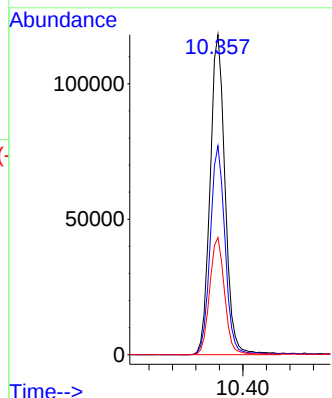
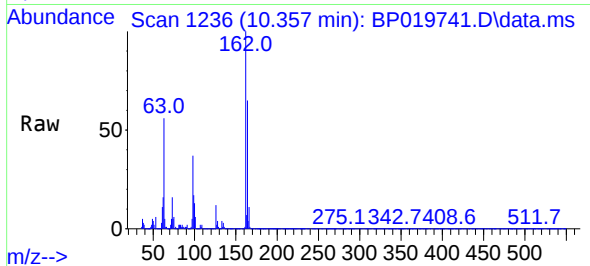
ClientSampleId :

PB158970BS

Tgt Ion:162 Resp: 208944
Ion Ratio Lower Upper
162 100
164 65.2 46.0 86.0
98 36.6 18.7 58.7

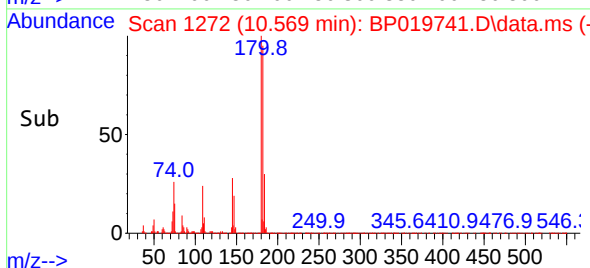
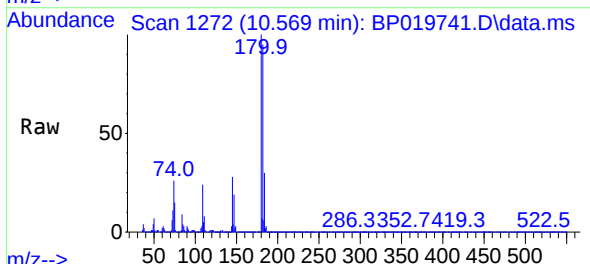
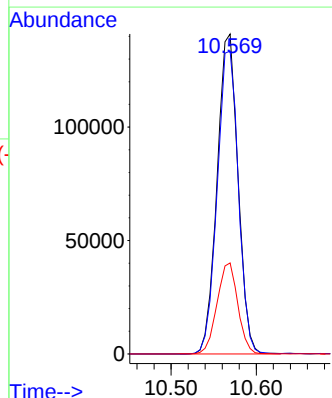
Manual Integrations
APPROVED

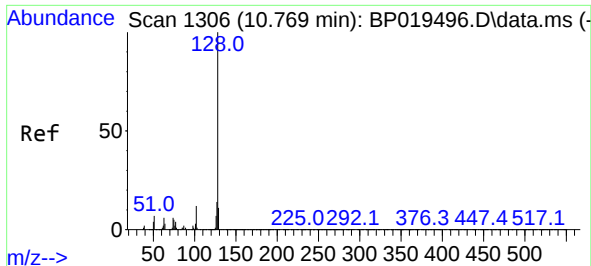
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.959 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:180 Resp: 240065
Ion Ratio Lower Upper
180 100
182 94.6 77.0 115.6
145 28.4 23.2 34.8





#31
Naphthalene
Concen: 42.082 ng
RT: 10.757 min Scan# 1182
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

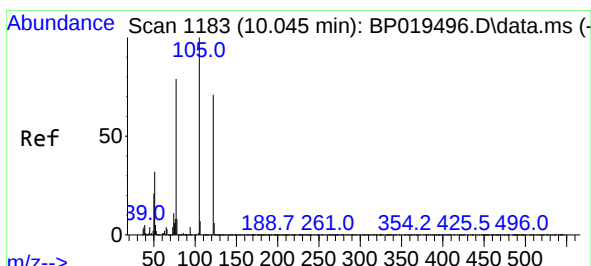
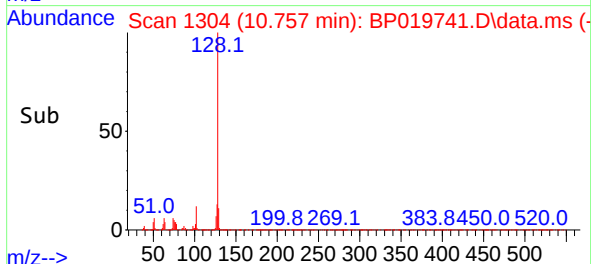
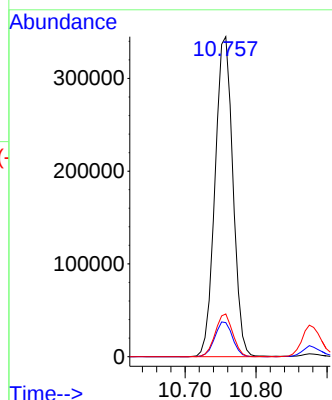
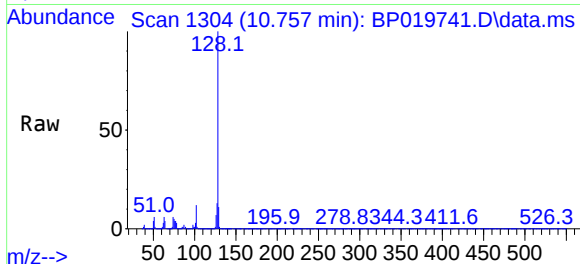
PB158970BS

Tgt Ion:128 Resp: 60026
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.3 10.8 16.2

Manual Integrations

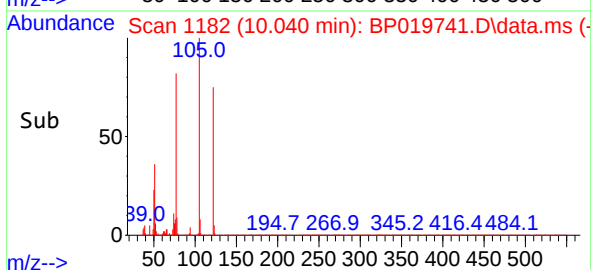
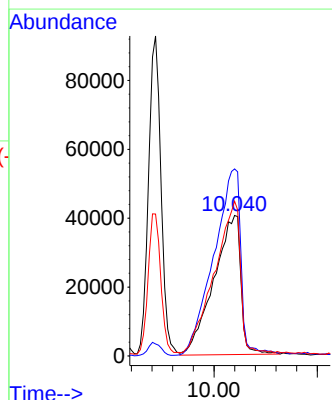
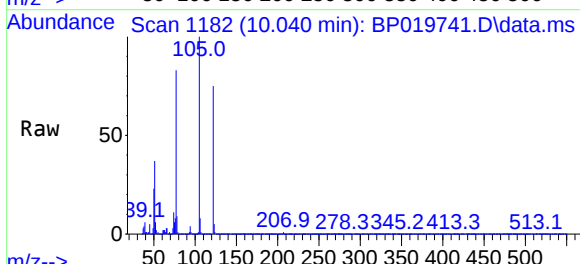
APPROVED

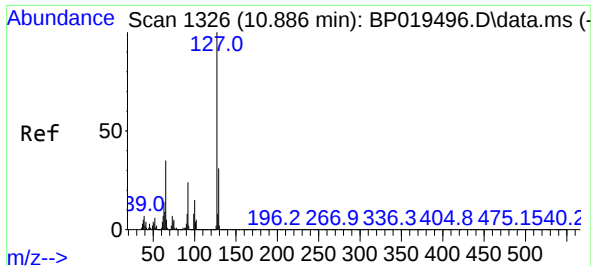
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#32
Benzoic acid
Concen: 51.043 ng
RT: 10.040 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:122 Resp: 146530
Ion Ratio Lower Upper
122 100
105 133.2 118.8 158.8
77 110.1 91.7 131.7





#33
4-Chloroaniline
Concen: 12.818 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

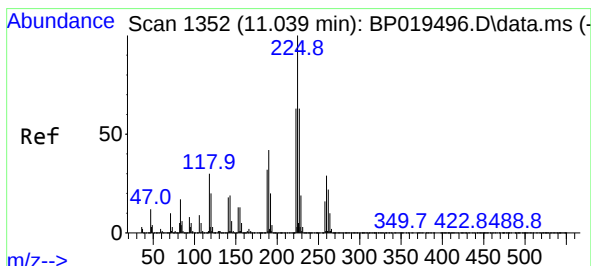
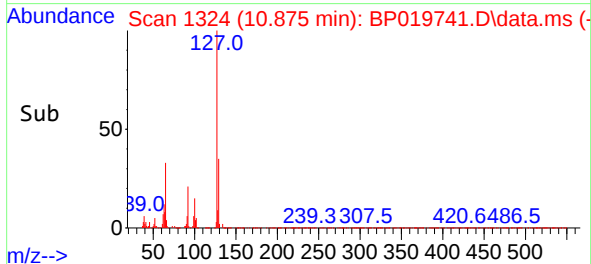
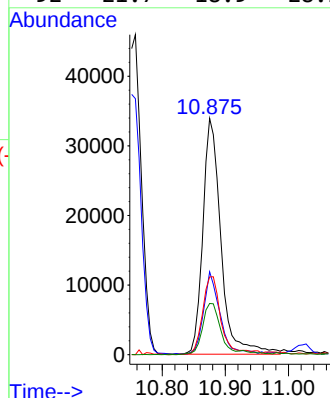
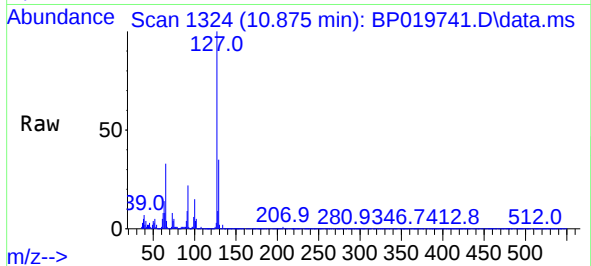
PB158970BS

Tgt Ion:	127	Resp:	67614
Ion Ratio	Lower	Upper	
127	100		
129	35.1	24.6	36.8
65	32.9	28.2	42.4
92	21.7	18.9	28.3

Manual Integrations

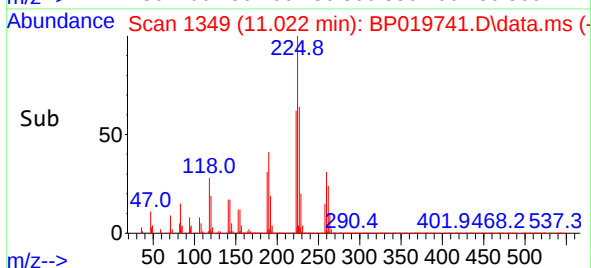
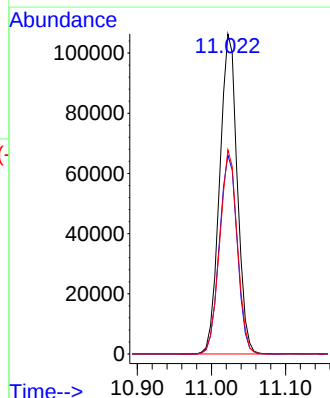
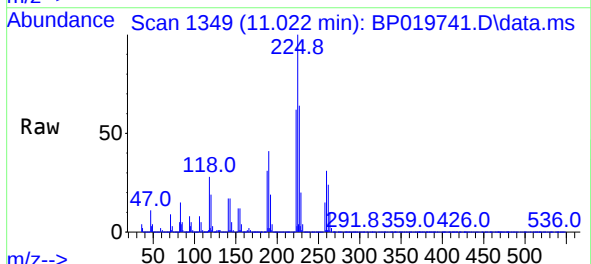
APPROVED

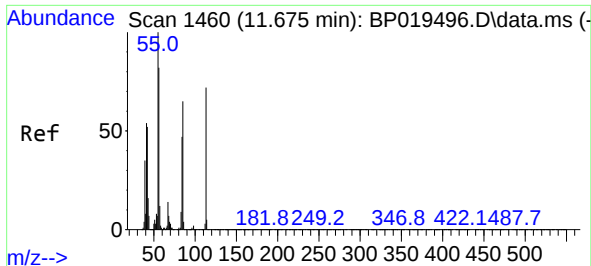
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#34
Hexachlorobutadiene
Concen: 43.267 ng
RT: 11.022 min Scan# 1349
Delta R.T. -0.017 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

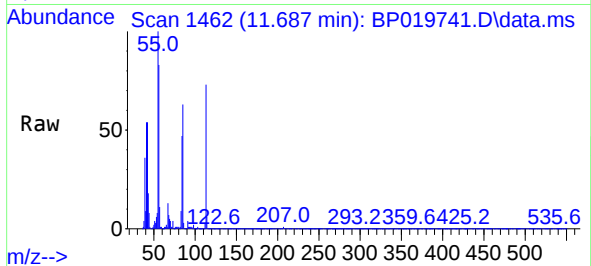
Tgt Ion:	225	Resp:	175096
Ion Ratio	Lower	Upper	
225	100		
223	62.1	50.5	75.7
227	63.8	50.2	75.2





#35
Caprolactam
Concen: 51.140 ng
RT: 11.687 min Scan# 1462
Delta R.T. 0.012 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

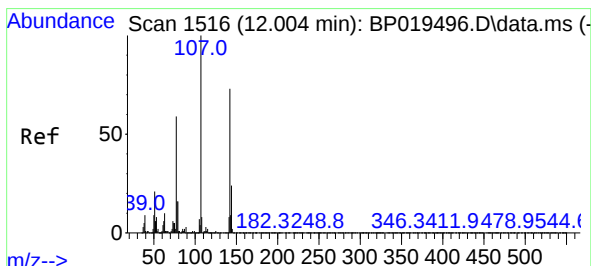
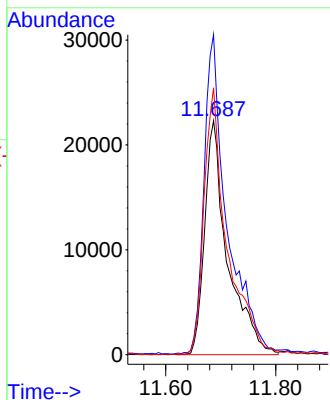
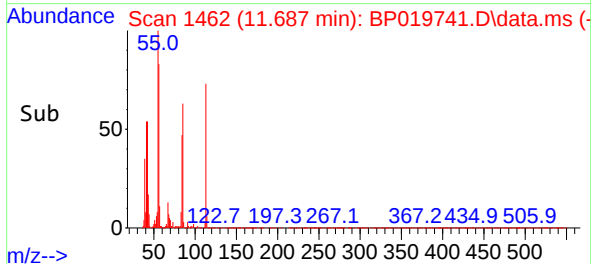
Instrument :
BNA_P
ClientSampleId :
PB158970BS



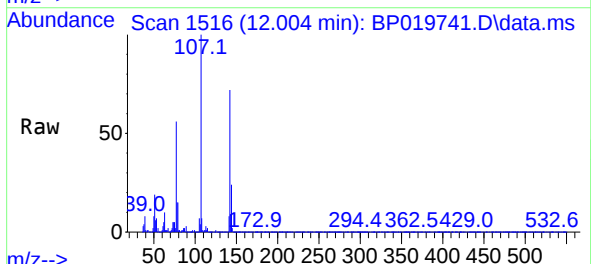
Tgt Ion:113 Resp: 6448
Ion Ratio Lower Upper
113 100
55 136.8 120.0 160.0
56 114.1 94.0 134.0

Manual Integrations
APPROVED

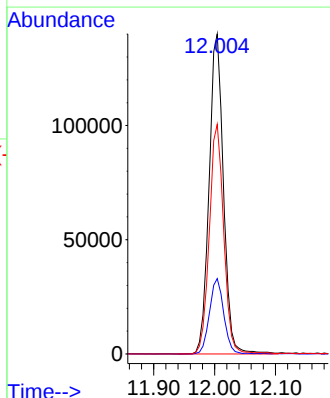
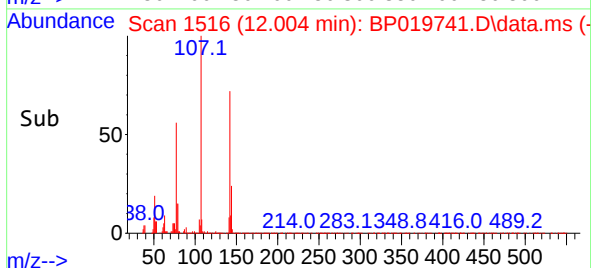
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

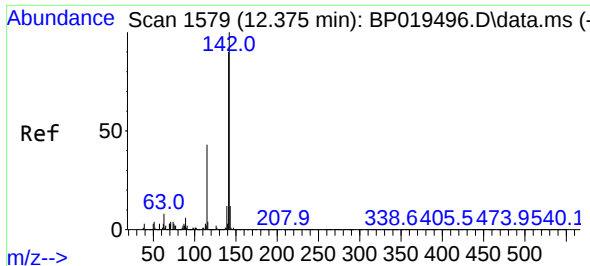


#36
4-Chloro-3-methylphenol
Concen: 47.260 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50



Tgt Ion:107 Resp: 229520
Ion Ratio Lower Upper
107 100
144 23.6 19.0 28.4
142 71.7 58.6 88.0





#37
2-Methylnaphthalene
Concen: 43.326 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

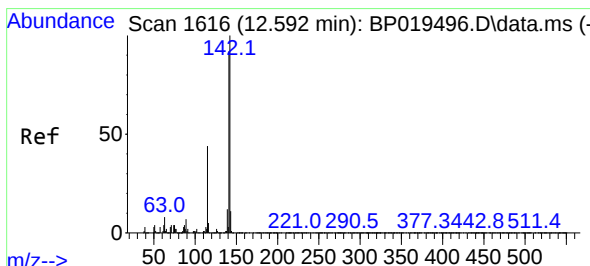
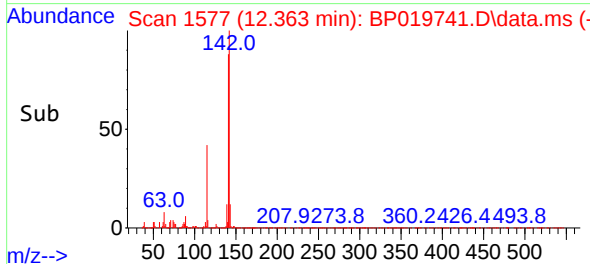
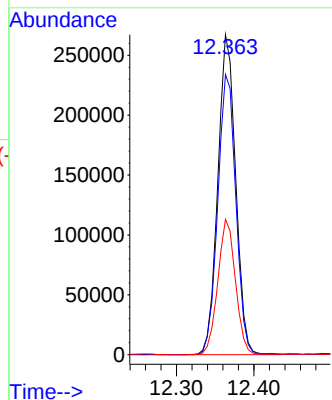
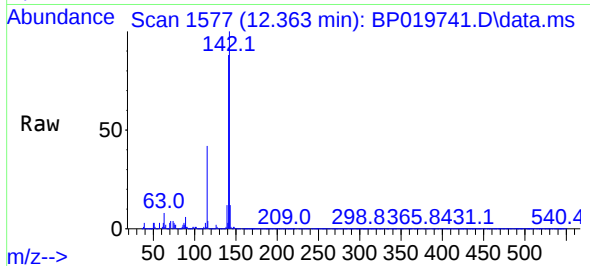
Tgt Ion:142 Resp: 427689
Ion Ratio Lower Upper
142 100
141 87.6 72.2 108.4
115 42.3 34.2 51.2

Manual Integrations

APPROVED

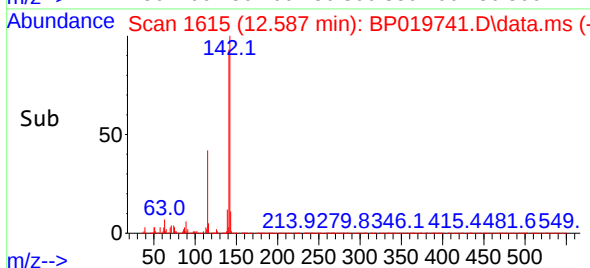
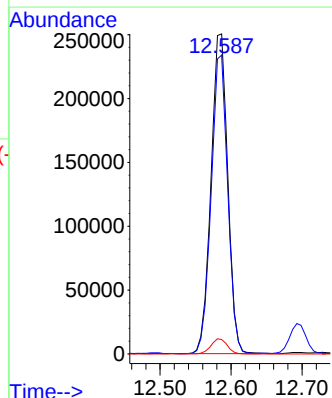
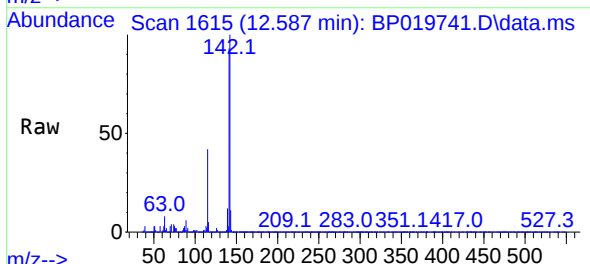
Reviewed By :Yogesh Patel 02/19/2024

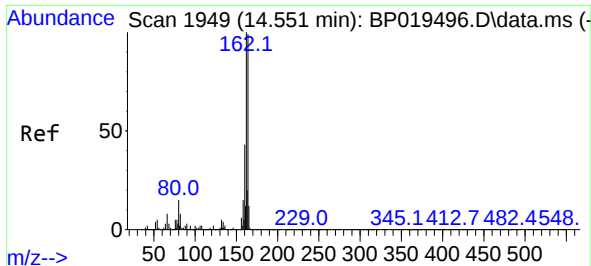
Supervised By :mohammad ahmed 02/19/2024



#38
1-Methylnaphthalene
Concen: 42.262 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:142 Resp: 409976
Ion Ratio Lower Upper
142 100
141 93.4 74.0 111.0
116 4.5 3.7 5.5





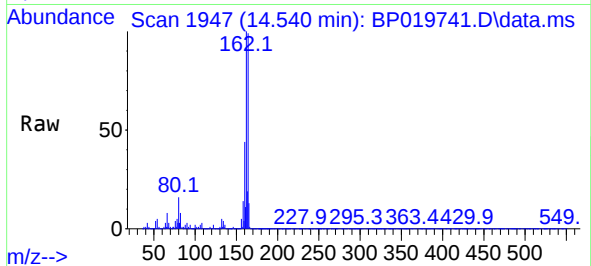
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1949
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS



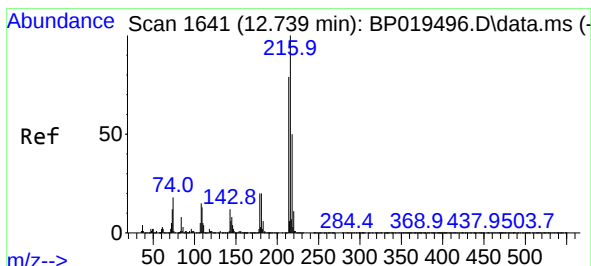
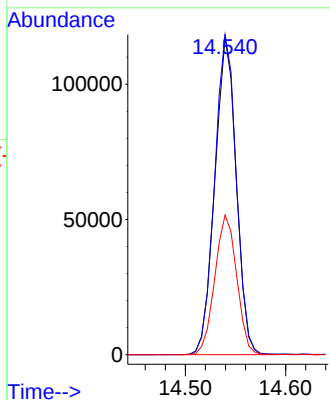
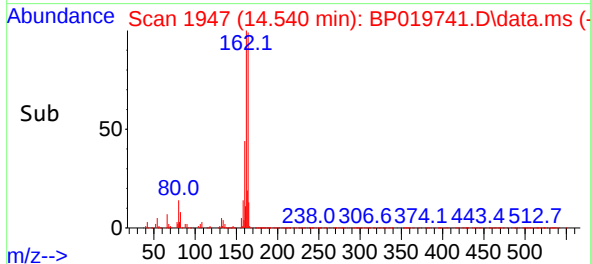
Tgt Ion:164 Resp: 173388
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 44.0 35.1 52.7

Manual Integrations

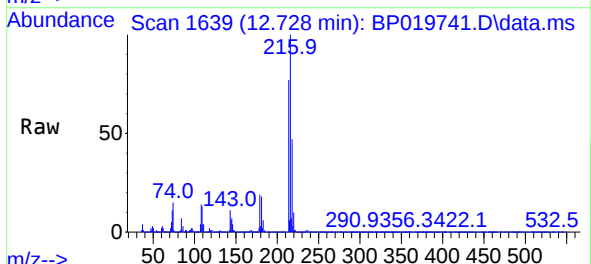
APPROVED

Reviewed By :Yogesh Patel 02/19/2024

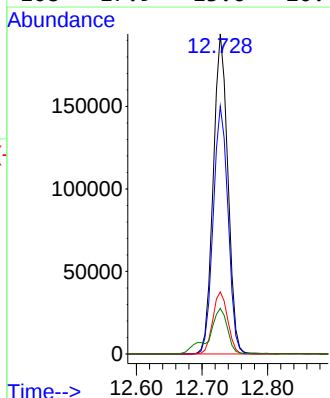
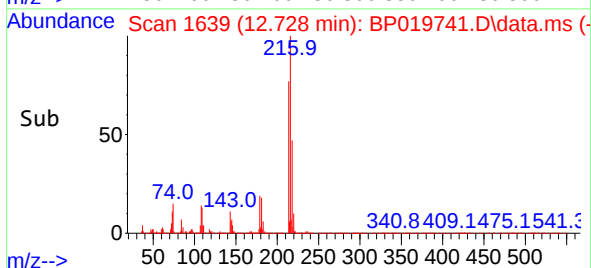
Supervised By :mohammad ahmed 02/19/2024

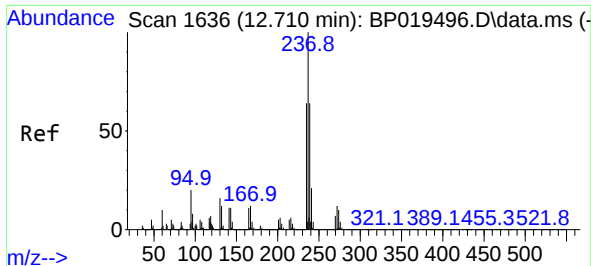


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.905 ng
RT: 12.728 min Scan# 1639
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50



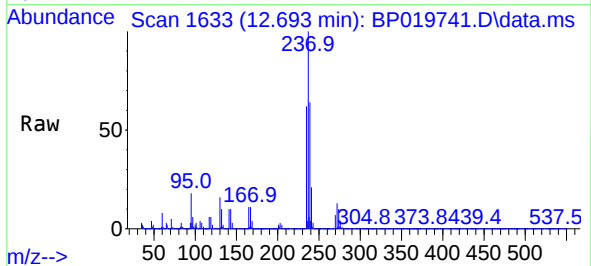
Tgt Ion:216 Resp: 300275
Ion Ratio Lower Upper
216 100
214 78.2 62.8 94.2
179 19.7 16.6 24.8
108 17.9 13.6 20.4





#41
Hexachlorocyclopentadiene
Concen: 127.815 ng
RT: 12.693 min Scan# 1636
Delta R.T. -0.017 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

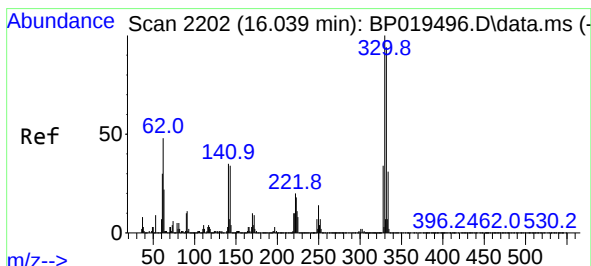
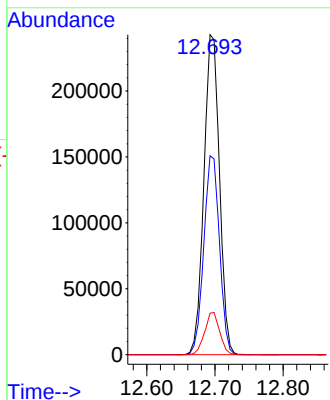
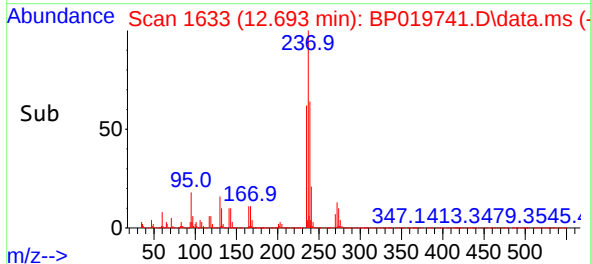
Instrument :
BNA_P
ClientSampleId :
PB158970BS



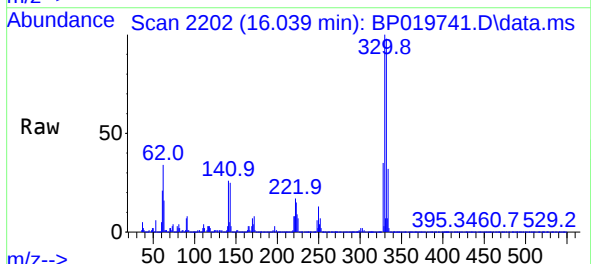
Tgt Ion:237 Resp: 38610
Ion Ratio Lower Upper
237 100
235 62.1 43.7 83.7
272 12.9 0.0 32.4

Manual Integrations
APPROVED

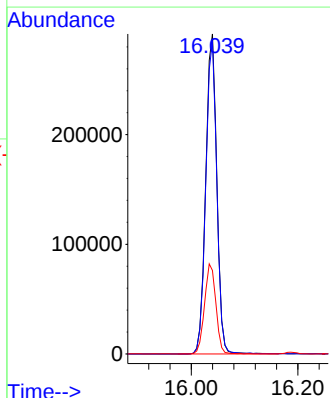
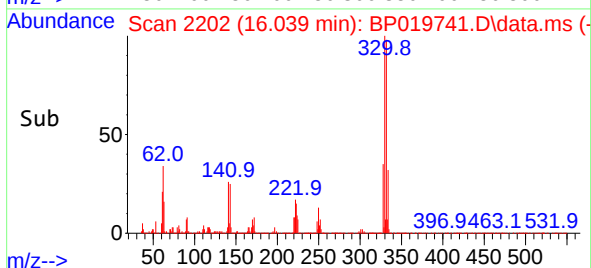
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

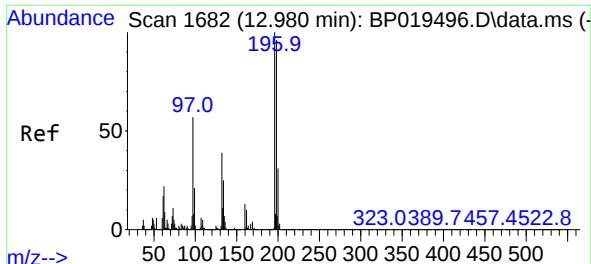


#42
2,4,6-Tribromophenol
Concen: 165.675 ng
RT: 16.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50



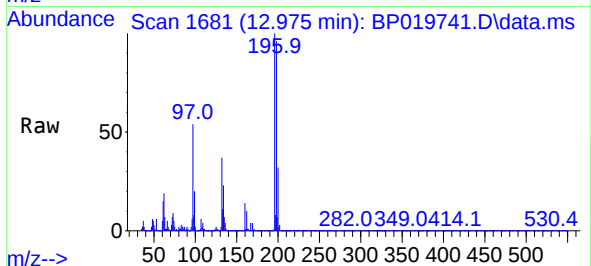
Tgt Ion:330 Resp: 419422
Ion Ratio Lower Upper
330 100
332 97.0 77.2 115.8
141 29.0 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 47.469 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

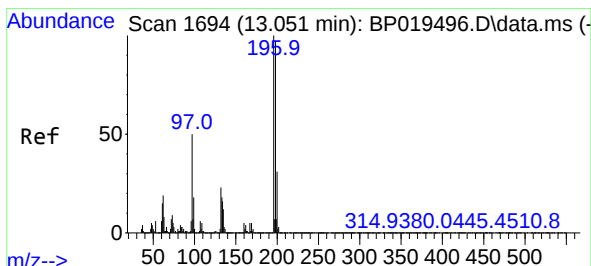
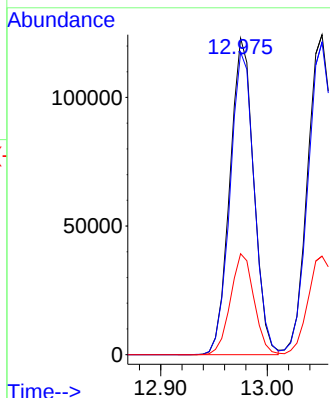
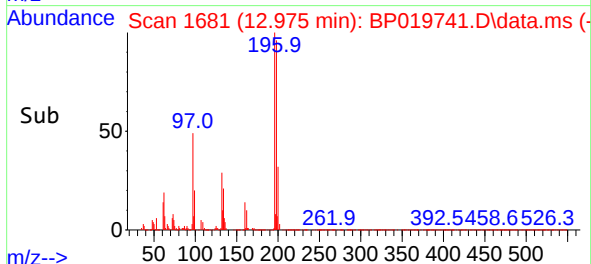
Instrument :
BNA_P
ClientSampleId :
PB158970BS



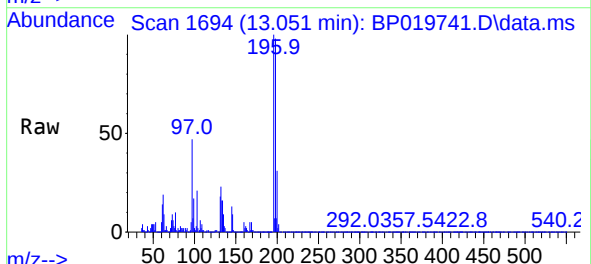
Tgt Ion:196 Resp: 192200
Ion Ratio Lower Upper
196 100
198 95.6 76.7 115.1
200 31.9 24.6 36.8

Manual Integrations
APPROVED

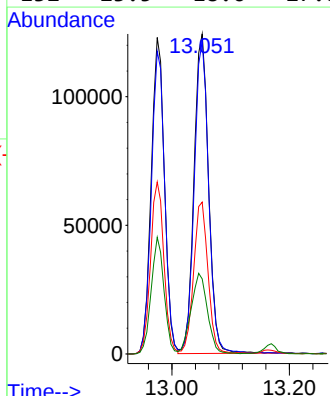
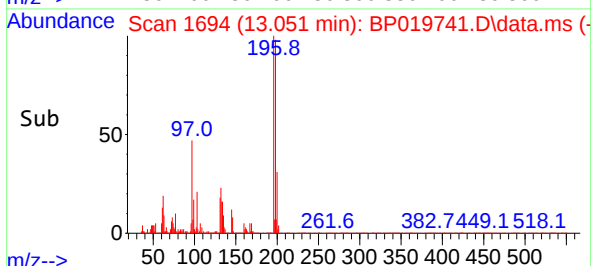
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

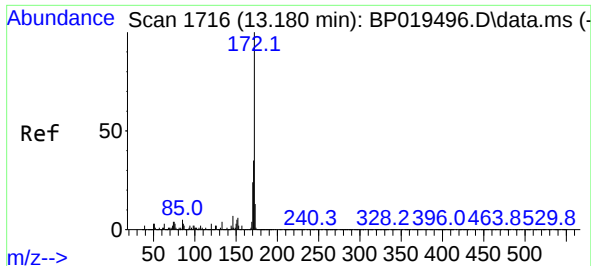


#44
2,4,5-Trichlorophenol
Concen: 48.033 ng
RT: 13.051 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50



Tgt Ion:196 Resp: 213567
Ion Ratio Lower Upper
196 100
198 97.7 77.5 116.3
97 47.5 39.9 59.9
132 23.5 18.6 27.8





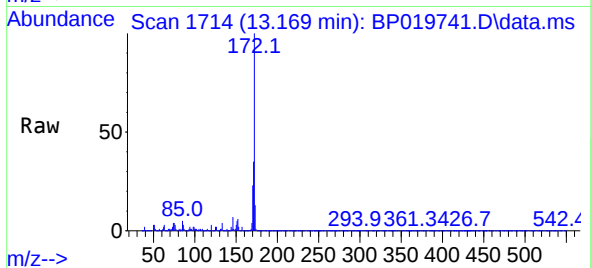
#45
2-Fluorobiphenyl
Concen: 82.313 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS



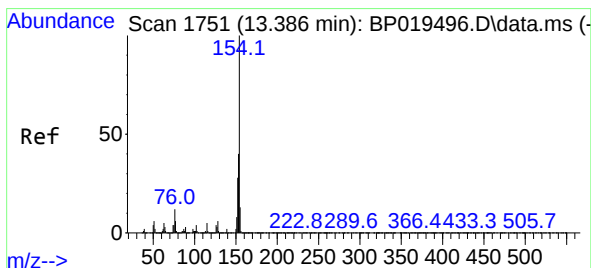
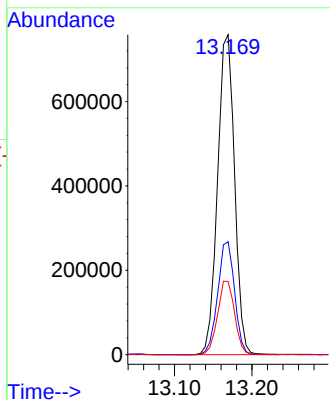
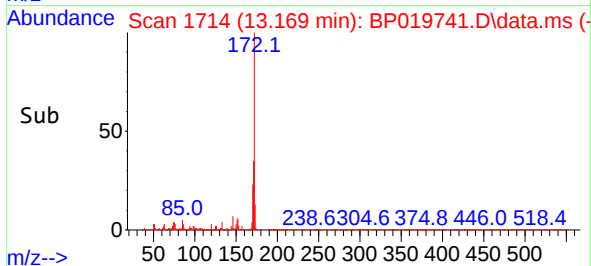
Tgt Ion:172 Resp: 1154484
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 22.9 18.9 28.3

Manual Integrations

APPROVED

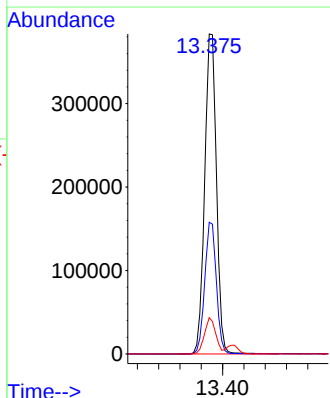
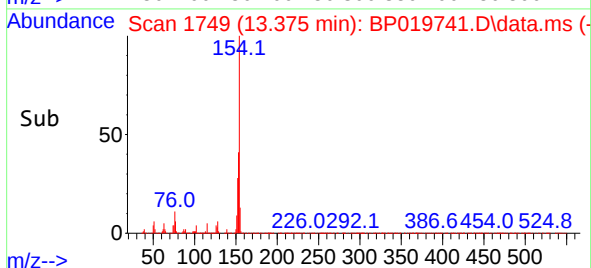
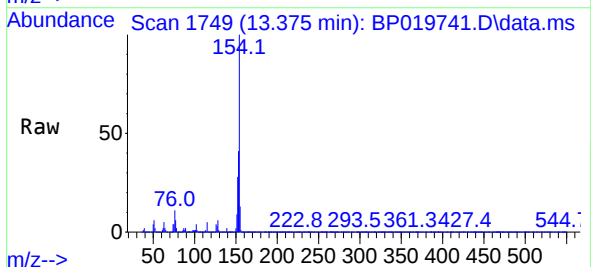
Reviewed By :Yogesh Patel 02/19/2024

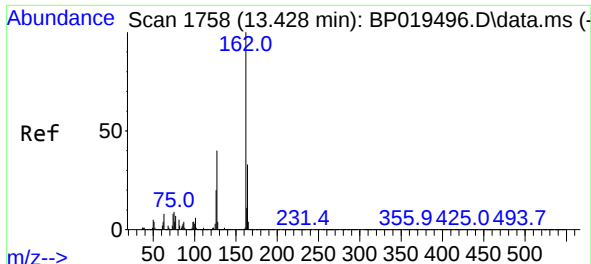
Supervised By :mohammad ahmed 02/19/2024



#46
1,1'-Biphenyl
Concen: 42.386 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:154 Resp: 586560
Ion Ratio Lower Upper
154 100
153 41.2 20.2 60.2
76 11.4 0.0 31.6





#47
2-Chloronaphthalene
Concen: 41.637 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

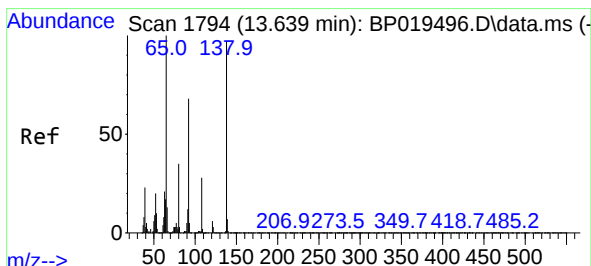
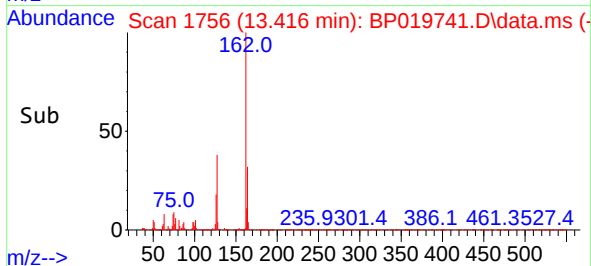
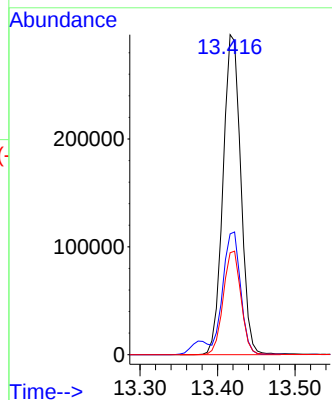
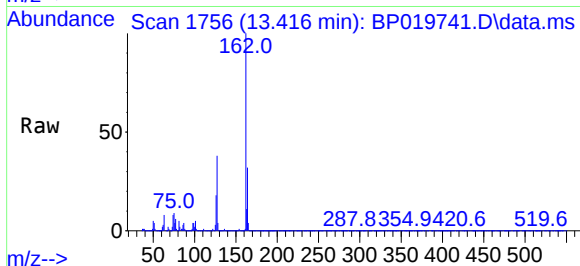
ClientSampleId :

PB158970BS

Tgt Ion:162 Resp: 472992
Ion Ratio Lower Upper
162 100
127 37.7 32.1 48.1
164 31.8 26.7 40.1

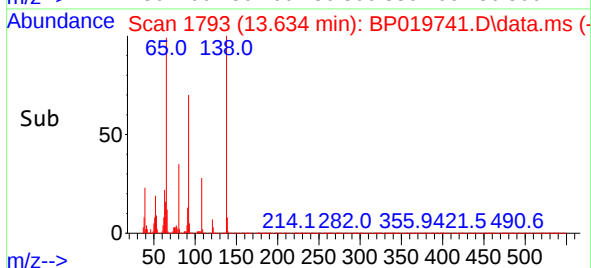
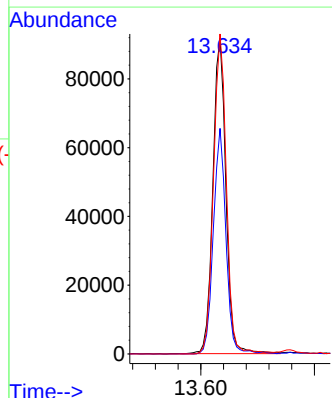
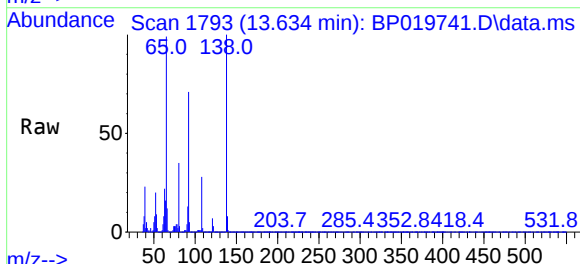
Manual Integrations
APPROVED

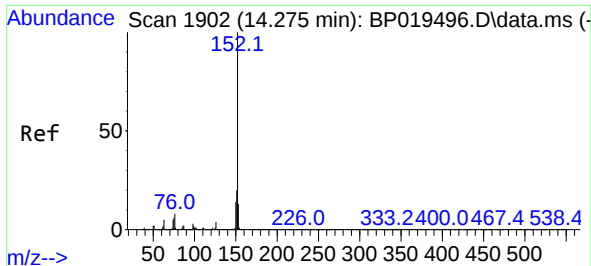
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#48
2-Nitroaniline
Concen: 45.842 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 65 Resp: 145617
Ion Ratio Lower Upper
65 100
92 71.4 54.7 82.1
138 101.3 77.8 116.6





#49

Acenaphthylene

Concen: 47.279 ng

RT: 14.263 min Scan# 1902

Delta R.T. -0.011 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

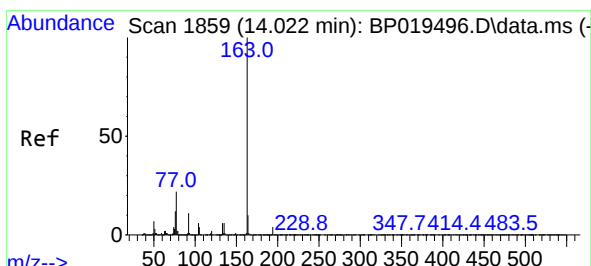
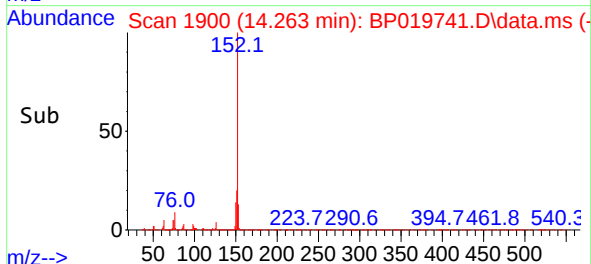
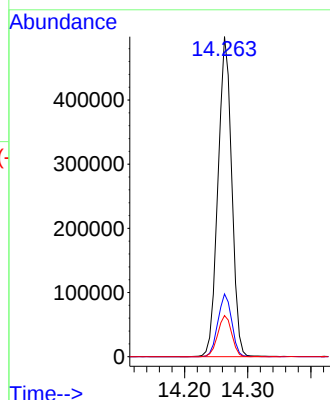
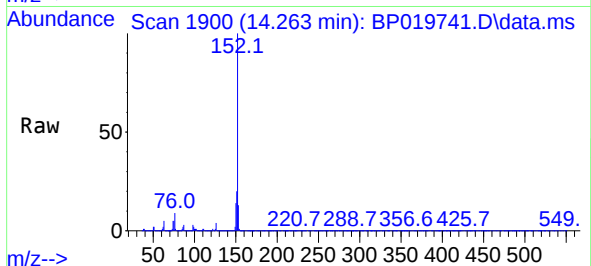
Tgt Ion:	152	Resp:	753510
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.8	23.6
153	12.9	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/19/2024

Supervised By :mohammad ahmed 02/19/2024



#50

Dimethylphthalate

Concen: 46.244 ng

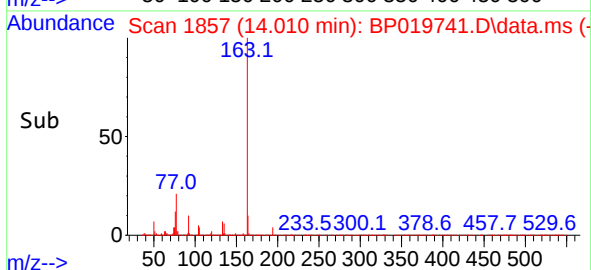
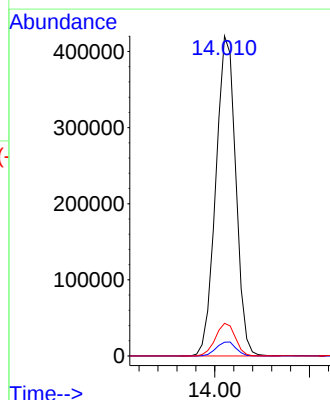
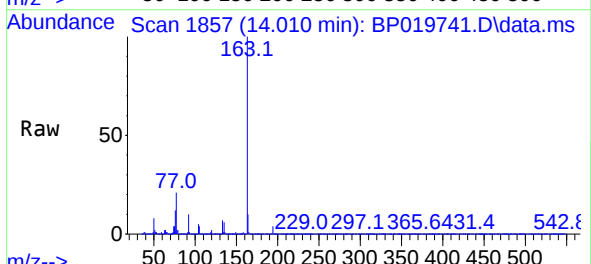
RT: 14.010 min Scan# 1857

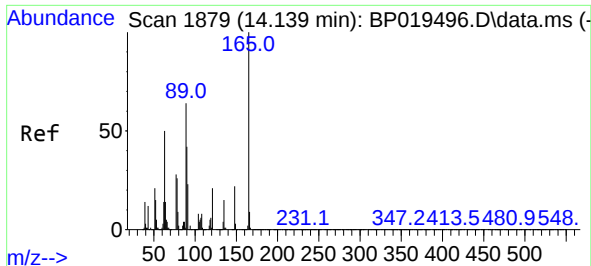
Delta R.T. -0.011 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

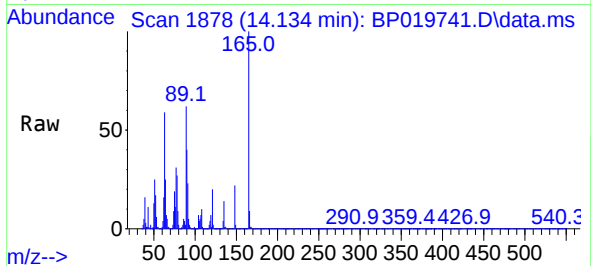
Tgt Ion:	163	Resp:	613813
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	10.2	7.8	11.6





#51
2,6-Dinitrotoluene
Concen: 46.192 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

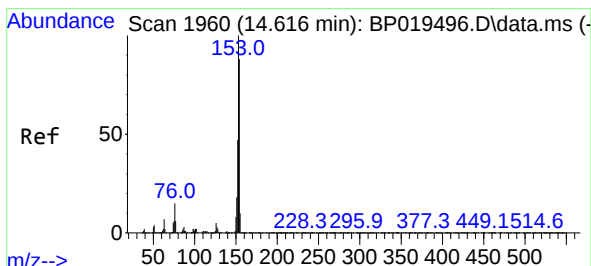
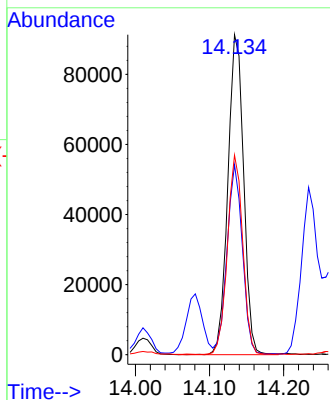
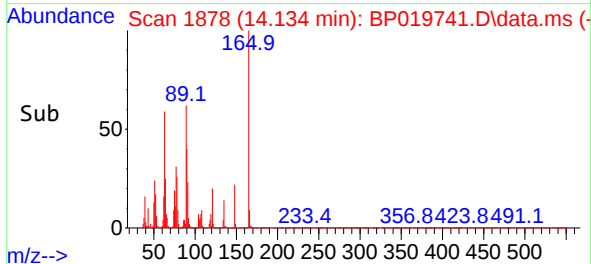
Instrument :
BNA_P
ClientSampleId :
PB158970BS



Tgt Ion:165 Resp: 134708
Ion Ratio Lower Upper
165 100
63 59.3 50.4 75.6
89 62.3 51.7 77.5

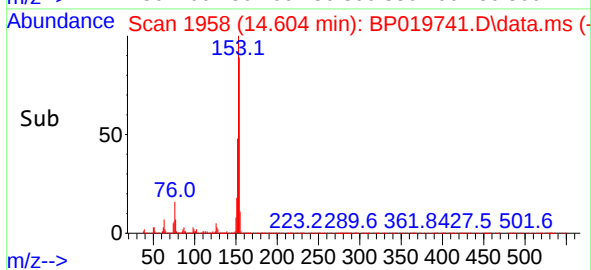
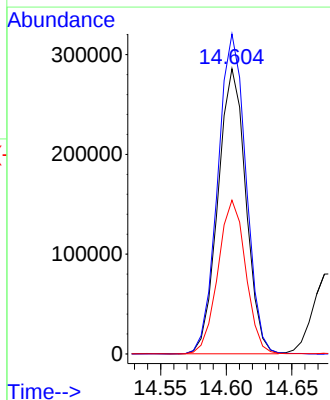
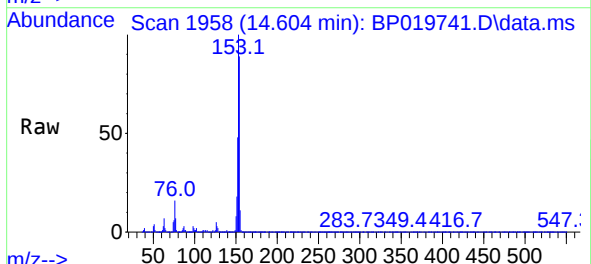
Manual Integrations
APPROVED

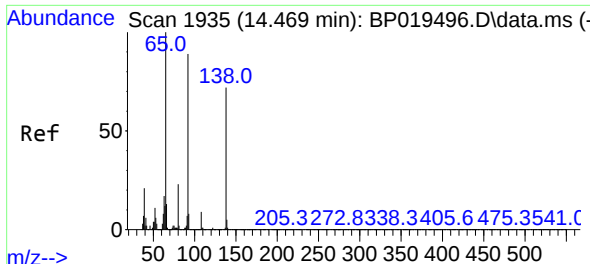
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#52
Acenaphthene
Concen: 42.693 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:154 Resp: 422304
Ion Ratio Lower Upper
154 100
153 112.2 90.5 135.7
152 53.9 42.1 63.1





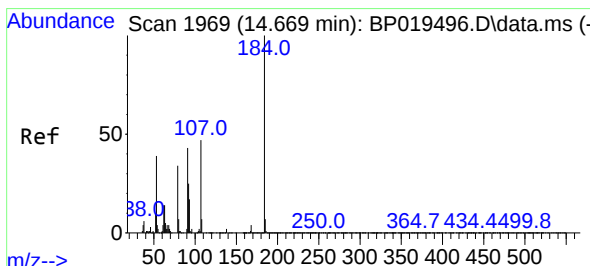
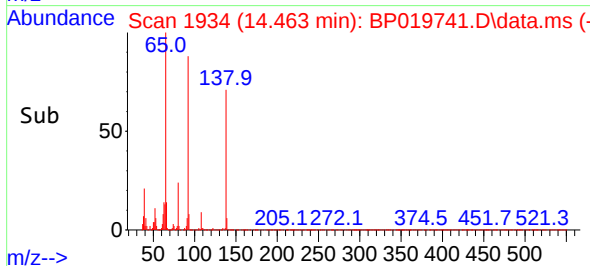
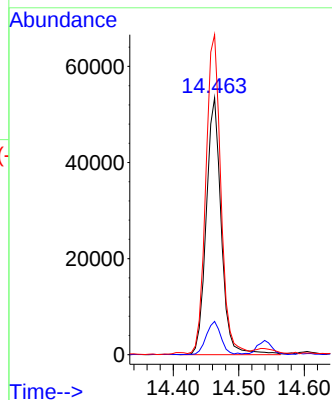
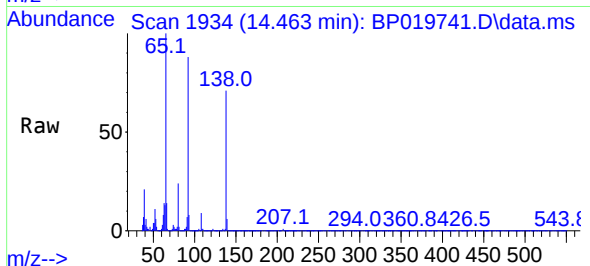
#53
3-Nitroaniline
Concen: 31.776 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB158970BS

Tgt Ion:138 Resp: 85160
Ion Ratio Lower Upper
138 100
108 13.0 9.7 14.5
92 124.6 98.0 147.0

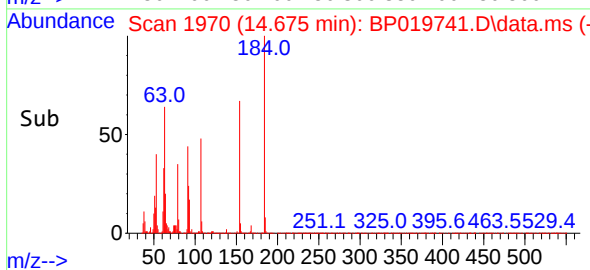
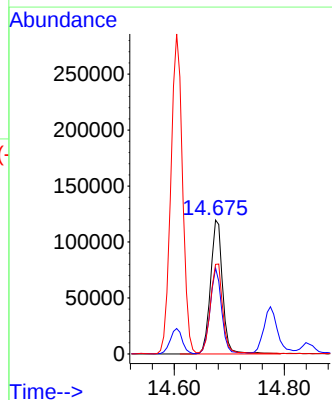
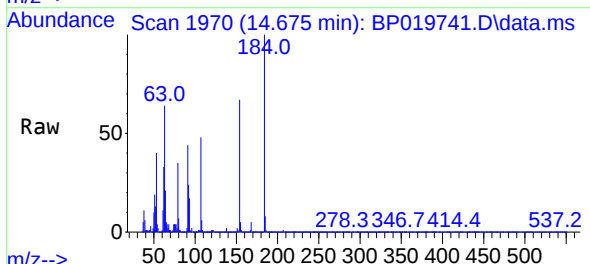
Manual Integrations
APPROVED

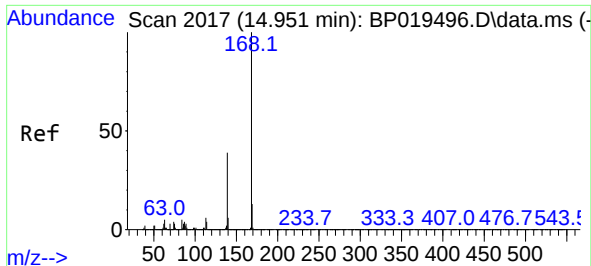
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#54
2,4-Dinitrophenol
Concen: 120.085 ng
RT: 14.675 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:184 Resp: 181827
Ion Ratio Lower Upper
184 100
63 64.2 50.5 75.7
154 66.9 53.4 80.0





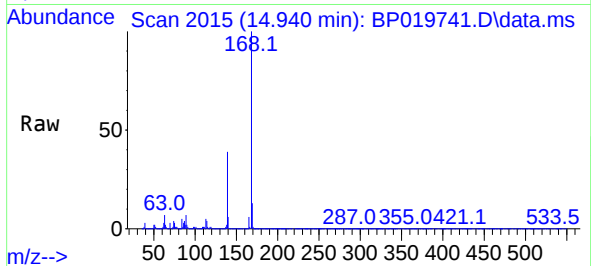
#55
Dibenzenofuran
Concen: 45.375 ng
RT: 14.940 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS



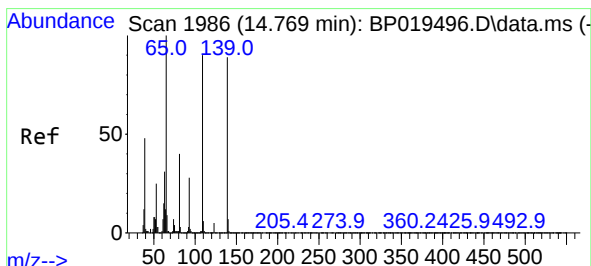
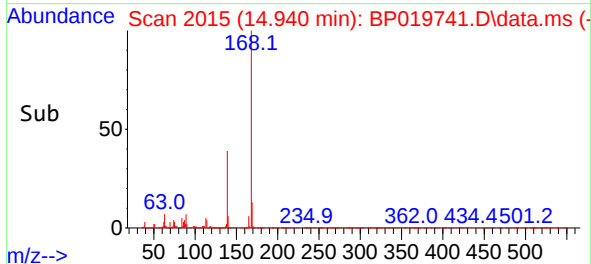
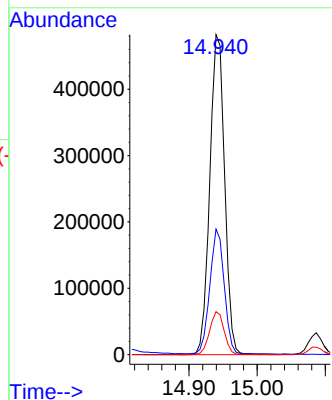
Tgt Ion:168 Resp: 731024
Ion Ratio Lower Upper
168 100
139 39.3 31.5 47.3
169 13.5 10.3 15.5

Manual Integrations

APPROVED

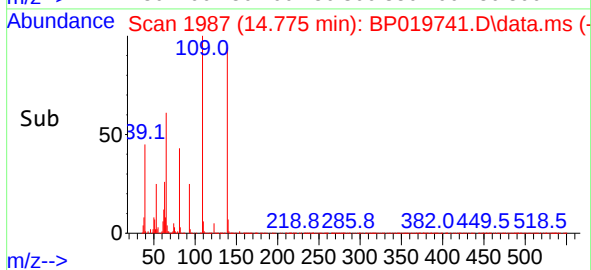
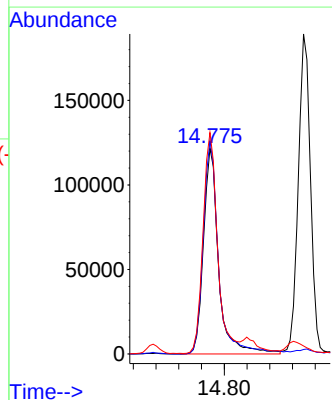
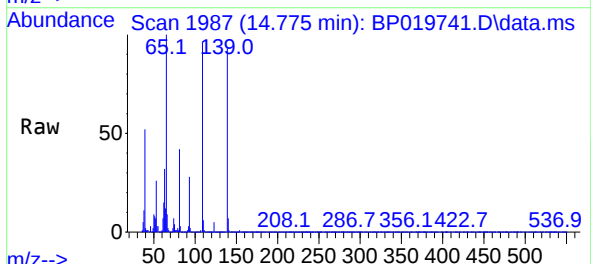
Reviewed By :Yogesh Patel 02/19/2024

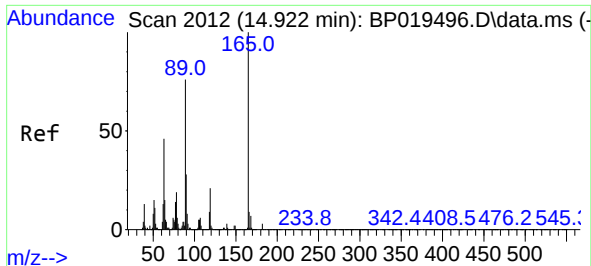
Supervised By :mohammad ahmed 02/19/2024



#56
4-Nitrophenol
Concen: 102.410 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:139 Resp: 224960
Ion Ratio Lower Upper
139 100
109 103.7 82.0 122.0
65 107.7 92.9 132.9





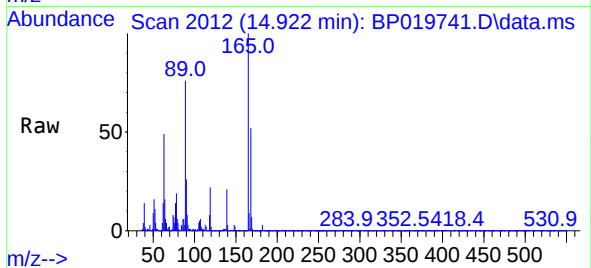
#57
2,4-Dinitrotoluene
Concen: 51.194 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS



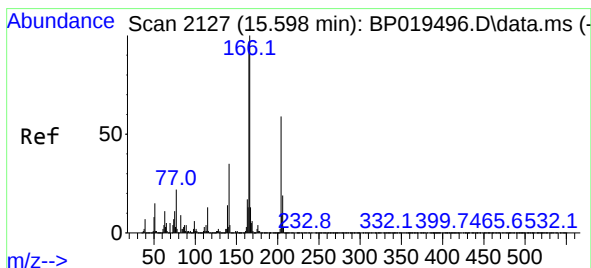
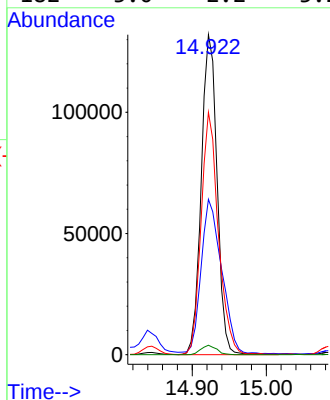
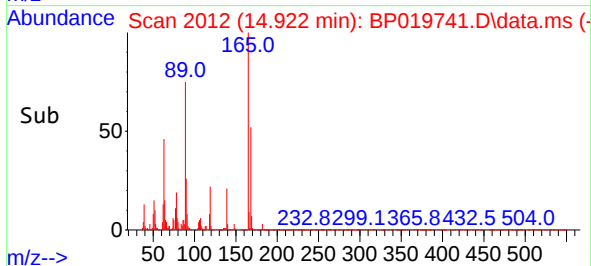
Tgt Ion:165 Resp: 19564
Ion Ratio Lower Upper
165 100
63 48.5 36.9 55.3
89 75.8 61.1 91.7
182 3.0 2.2 3.2

Manual Integrations

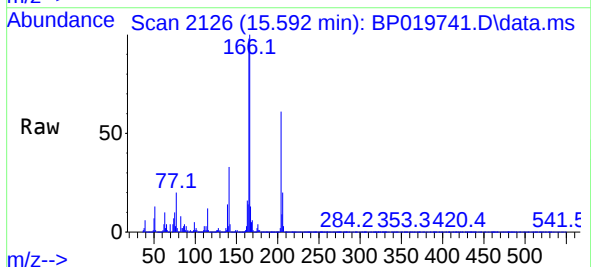
APPROVED

Reviewed By :Yogesh Patel 02/19/2024

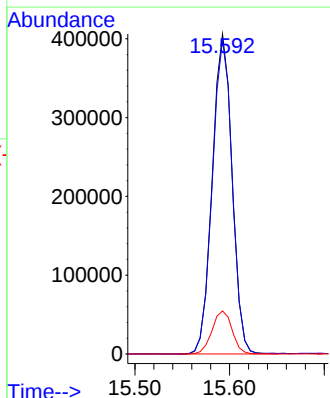
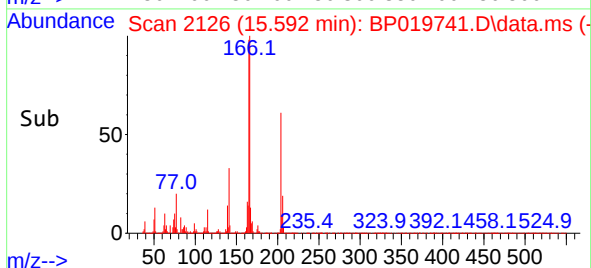
Supervised By :mohammad ahmed 02/19/2024

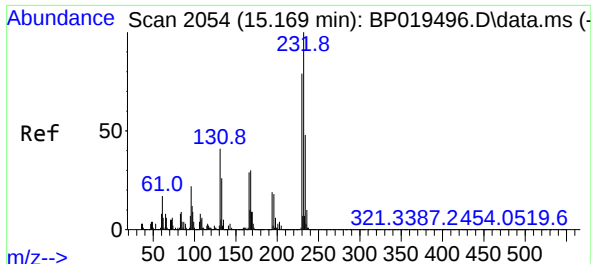


#58
Fluorene
Concen: 46.008 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50



Tgt Ion:166 Resp: 590369
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.246 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

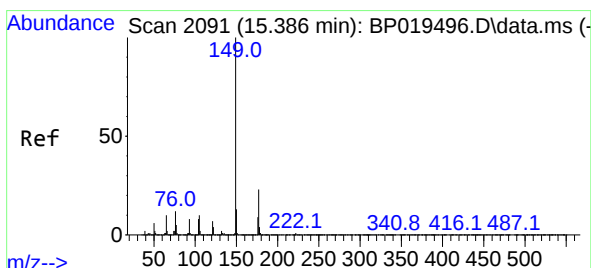
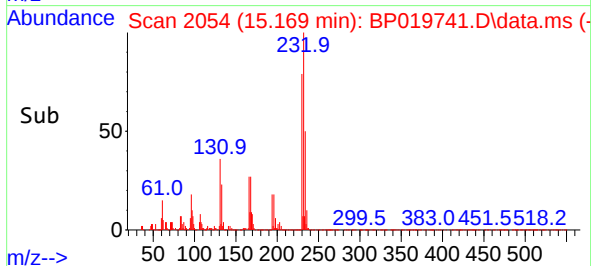
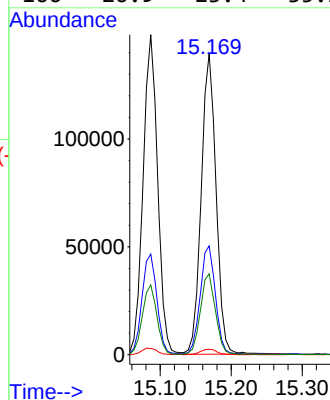
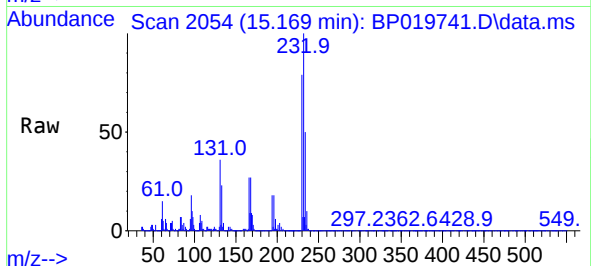
PB158970BS

Tgt Ion:232 Resp: 202874
Ion Ratio Lower Upper
232 100
131 37.1 32.4 48.6
130 2.1 1.9 2.9
166 26.9 23.4 35.2

Manual Integrations

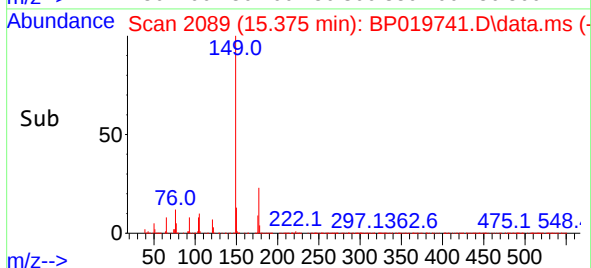
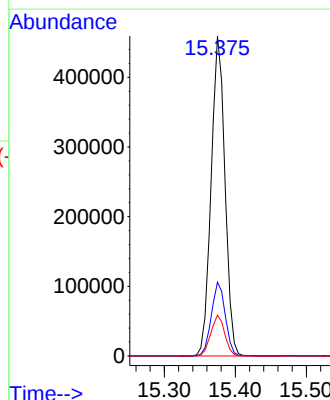
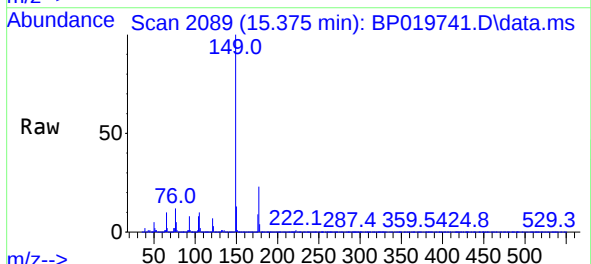
APPROVED

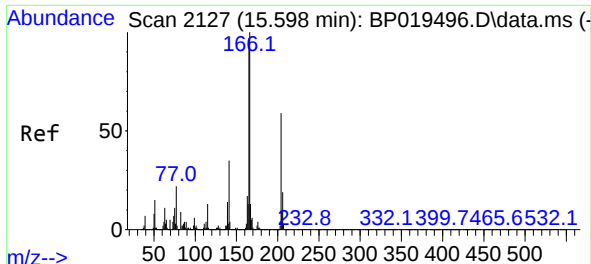
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#60
Diethylphthalate
Concen: 47.054 ng
RT: 15.375 min Scan# 2089
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:149 Resp: 621232
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.468 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

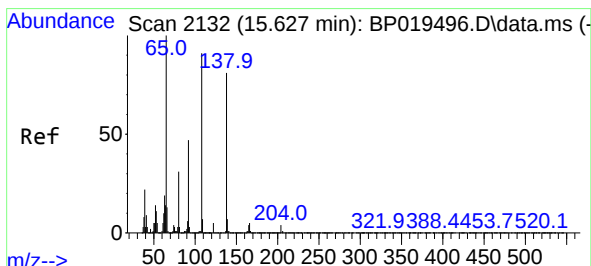
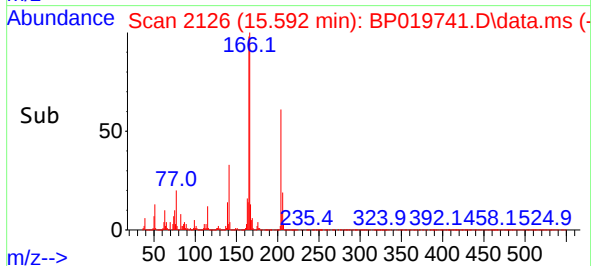
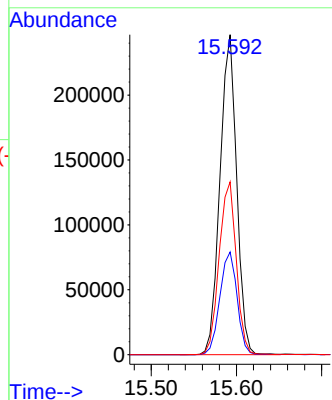
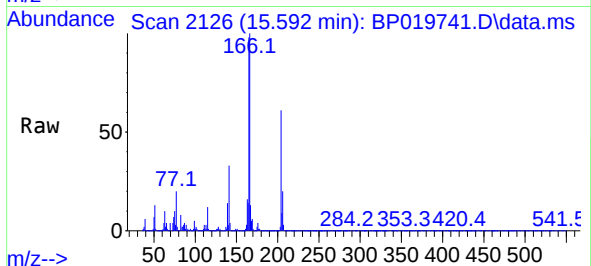
PB158970BS

Tgt Ion:204 Resp: 335130
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 54.0 48.5 72.7

Manual Integrations

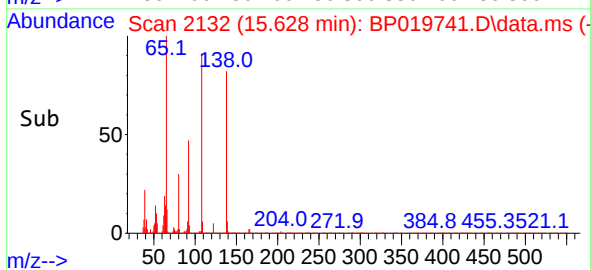
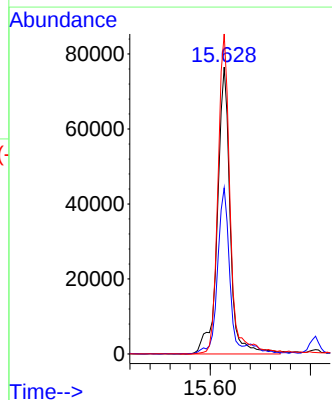
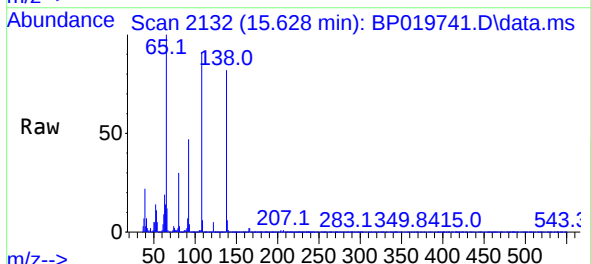
APPROVED

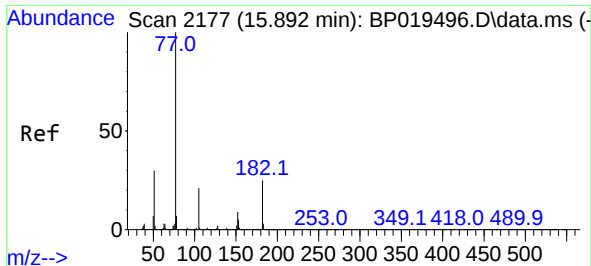
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#62
4-Nitroaniline
Concen: 47.831 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:138 Resp: 134366
Ion Ratio Lower Upper
138 100
92 57.9 38.3 78.3
108 111.5 91.2 131.2





#63
Azobenzene
Concen: 43.272 ng
RT: 15.887 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

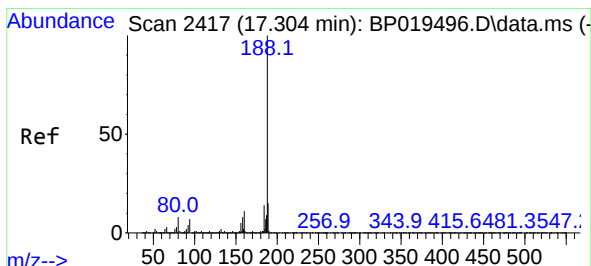
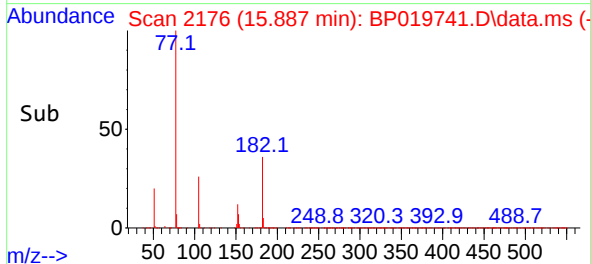
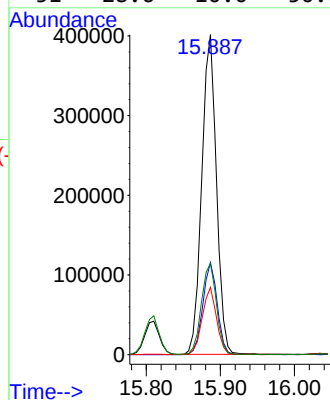
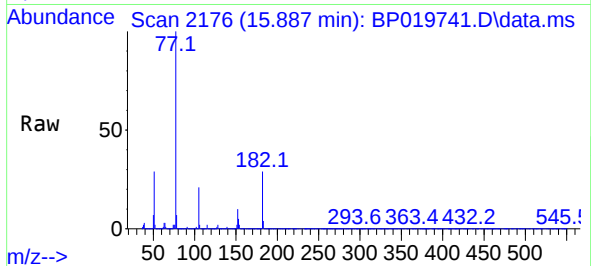
PB158970BS

Tgt Ion: 77 Resp: 55245
Ion Ratio Lower Upper
77 100
182 28.8 5.1 45.1
105 21.1 0.8 40.8
51 28.6 10.0 50.0

Manual Integrations

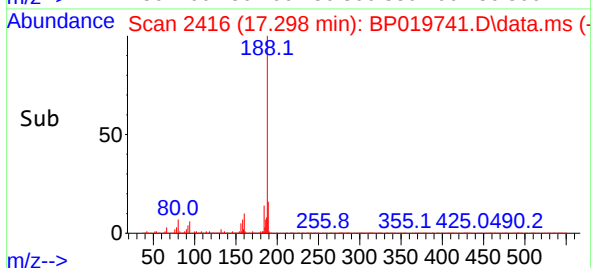
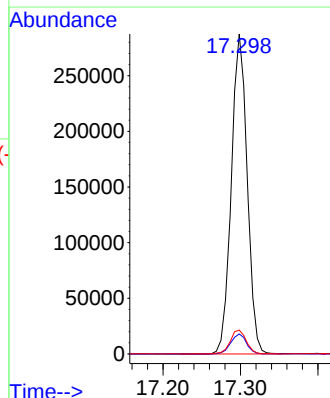
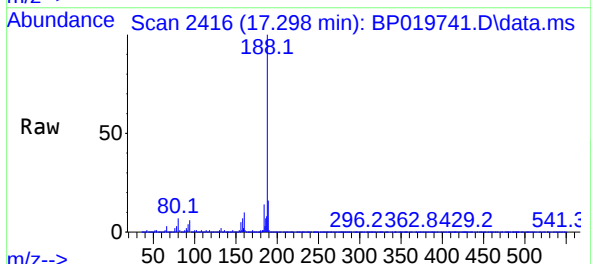
APPROVED

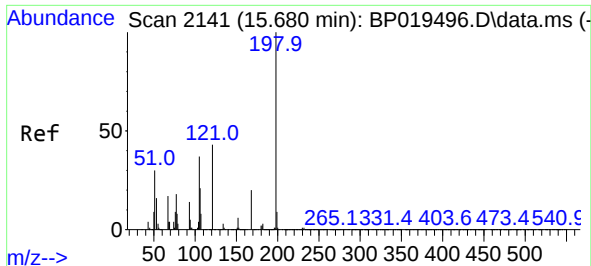
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:188 Resp: 409566
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.2
80 7.5 6.3 9.5





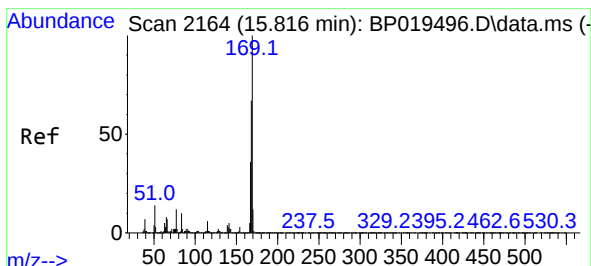
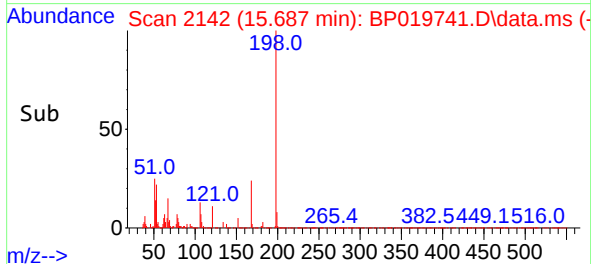
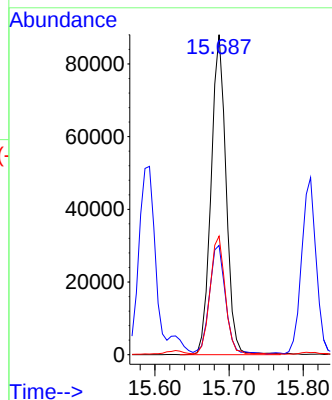
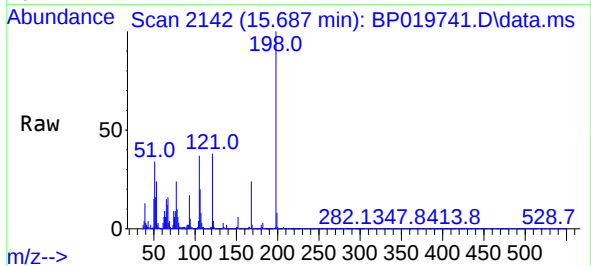
#65
4,6-Dinitro-2-methylphenol
Concen: 52.860 ng
RT: 15.687 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB158970BS

Tgt Ion:198 Resp: 123448
Ion Ratio Lower Upper
198 100
51 34.2 21.2 61.2
105 37.0 19.1 59.1

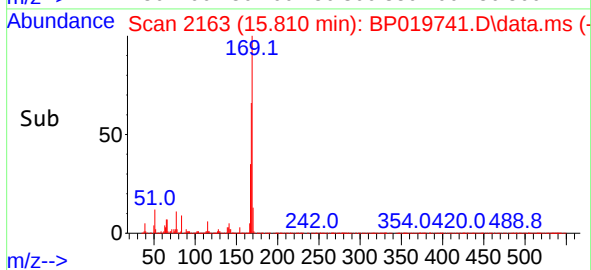
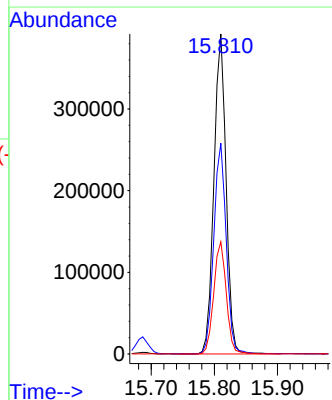
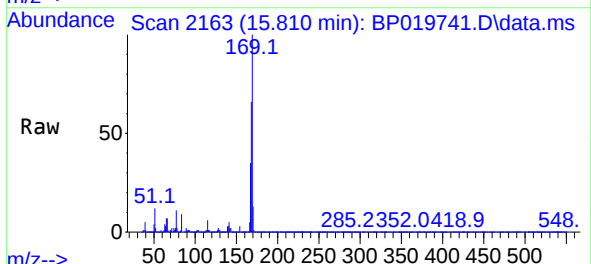
Manual Integrations
APPROVED

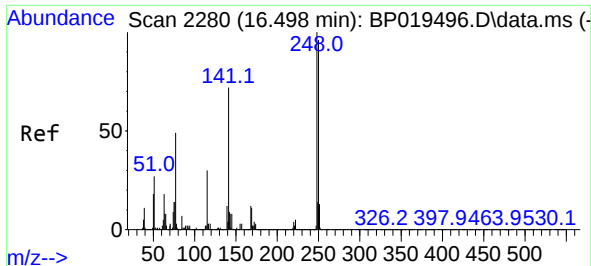
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#66
n-Nitrosodiphenylamine
Concen: 42.610 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:169 Resp: 522654
Ion Ratio Lower Upper
169 100
168 65.8 53.4 80.2
167 35.0 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 44.605 ng
RT: 16.487 min Scan# 211
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

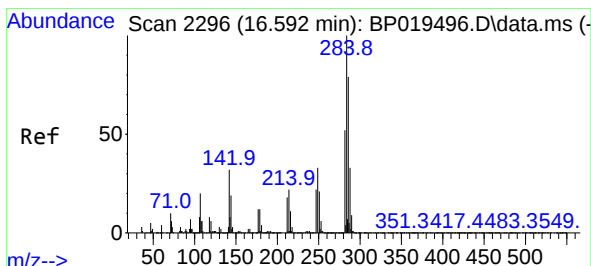
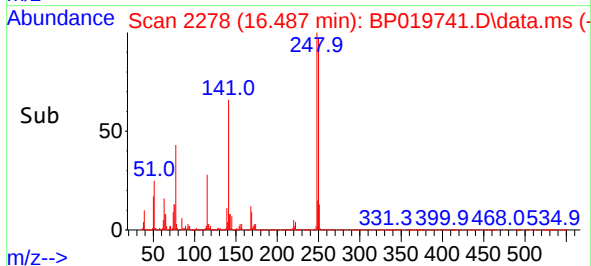
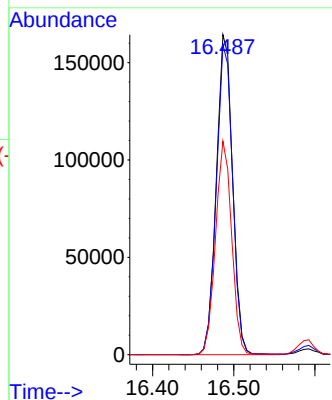
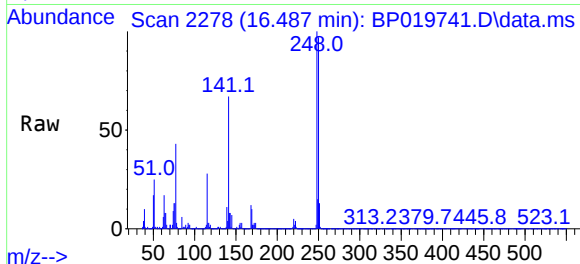
ClientSampleId :

PB158970BS

Tgt Ion:248 Resp: 22838
Ion Ratio Lower Upper
248 100
250 96.9 76.9 115.3
141 66.7 58.0 87.0

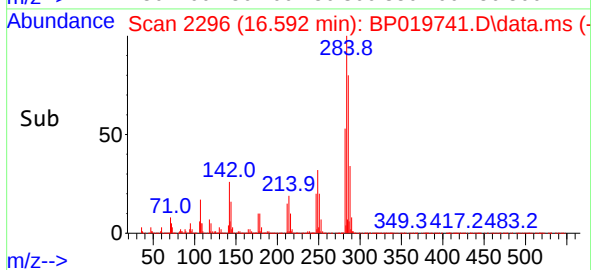
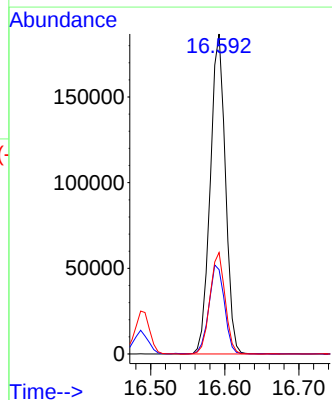
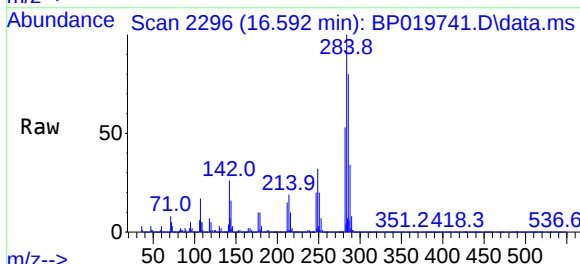
Manual Integrations
APPROVED

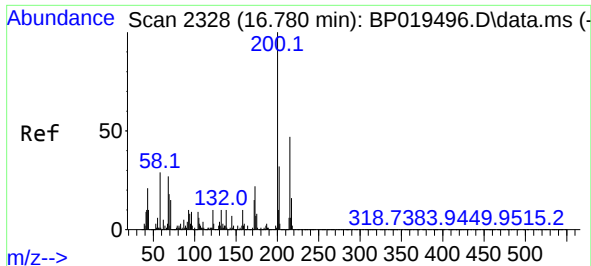
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#68
Hexachlorobenzene
Concen: 44.302 ng
RT: 16.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

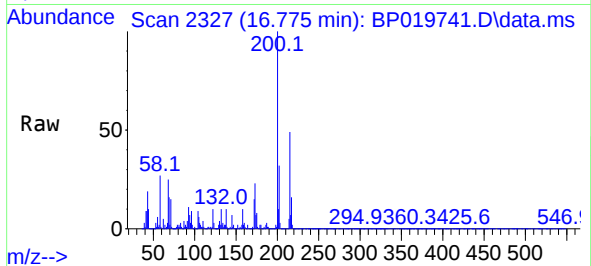
Tgt Ion:284 Resp: 264887
Ion Ratio Lower Upper
284 100
142 26.4 25.4 38.2
249 31.7 26.5 39.7





#69
Atrazine
Concen: 50.921 ng
RT: 16.775 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

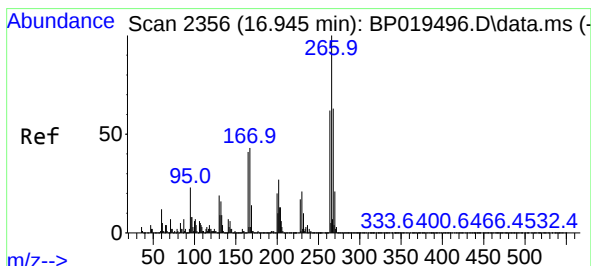
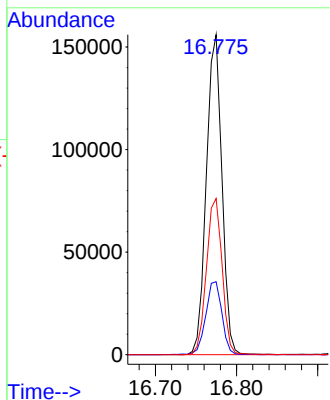
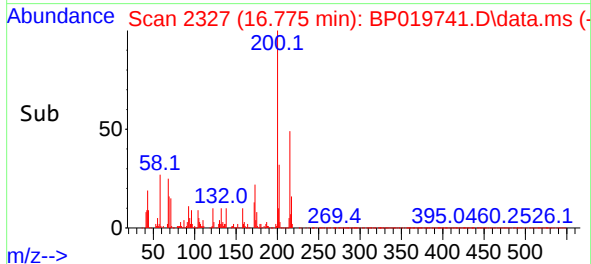
Instrument :
BNA_P
ClientSampleId :
PB158970BS



Tgt Ion:200 Resp: 207264
Ion Ratio Lower Upper
200 100
173 22.8 1.7 41.7
215 48.8 26.9 66.9

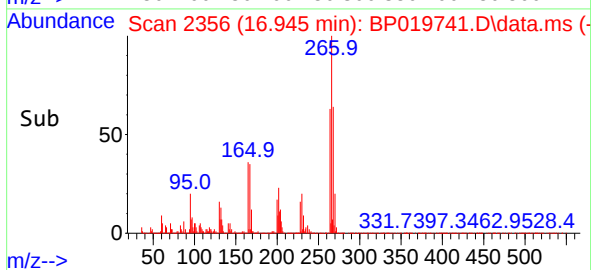
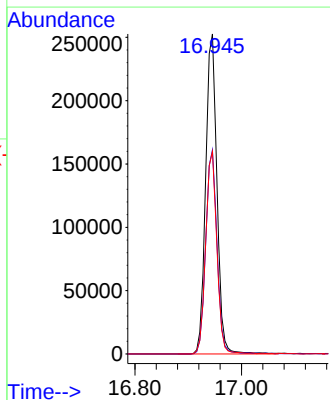
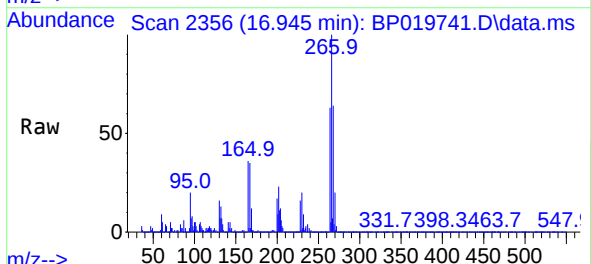
Manual Integrations
APPROVED

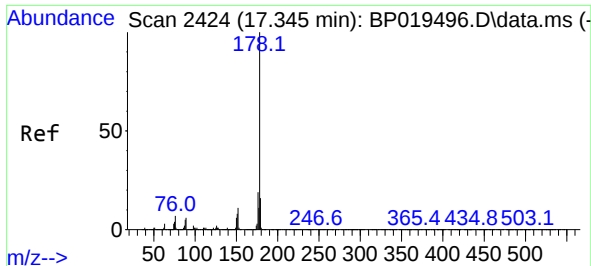
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#70
Pentachlorophenol
Concen: 99.601 ng
RT: 16.945 min Scan# 2356
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:266 Resp: 370860
Ion Ratio Lower Upper
266 100
268 63.7 50.3 75.5
264 63.3 49.7 74.5





#71
Phenanthrene
Concen: 44.984 ng
RT: 17.339 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

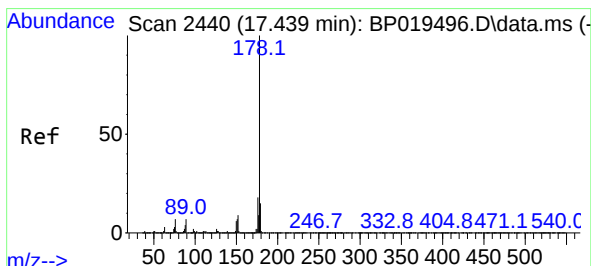
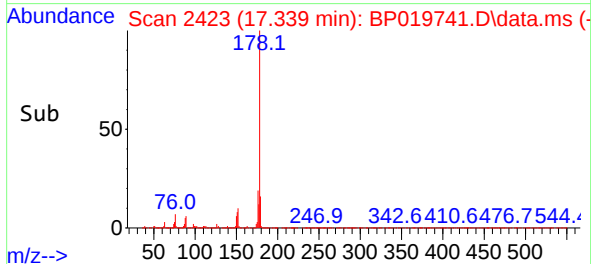
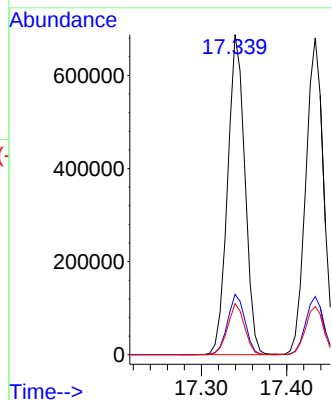
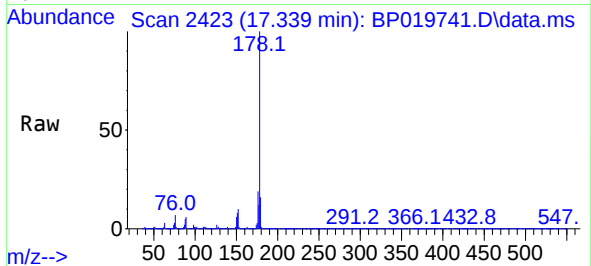
PB158970BS

Tgt Ion:178 Resp: 969588
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 16.0 12.6 19.0

Manual Integrations

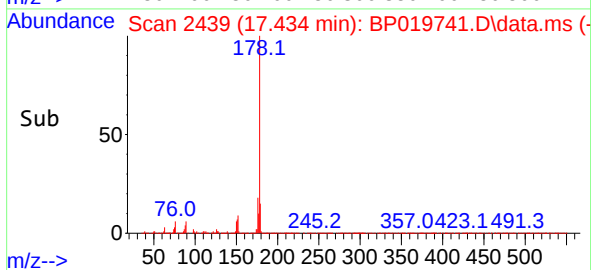
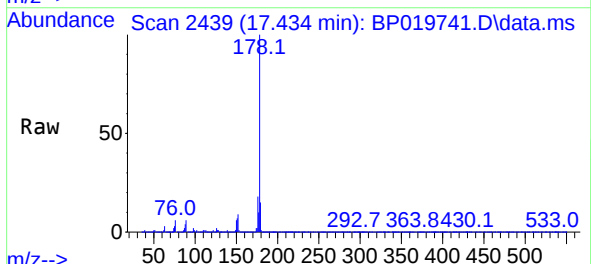
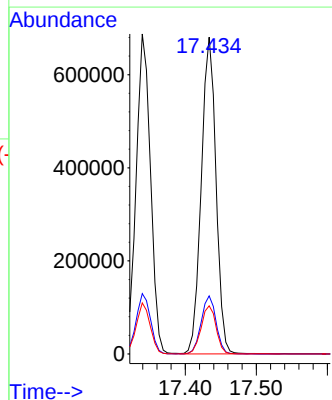
APPROVED

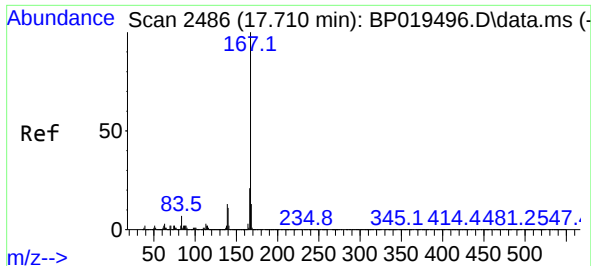
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#72
Anthracene
Concen: 45.688 ng
RT: 17.434 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:178 Resp: 982364
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.2 12.2 18.2





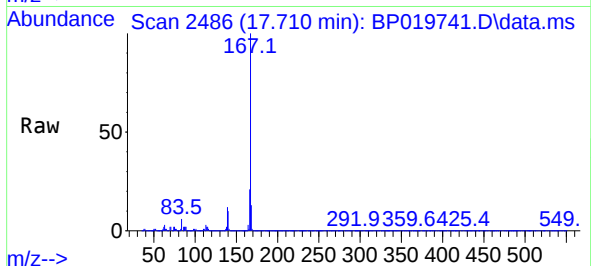
#73
 Carbazole
 Concen: 45.885 ng
 RT: 17.710 min Scan# 2486
 Delta R.T. 0.000 min
 Lab File: BP019741.D
 Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

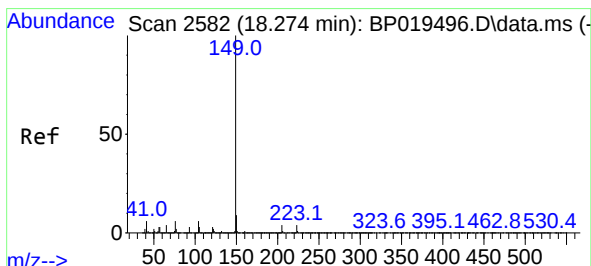
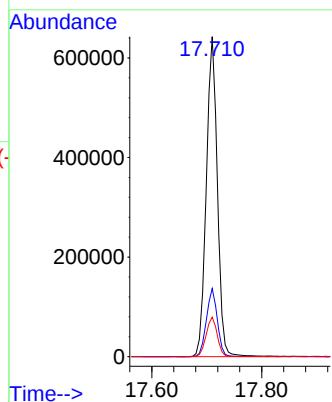


Tgt Ion:167 Resp: 896269
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.4 10.6 15.8

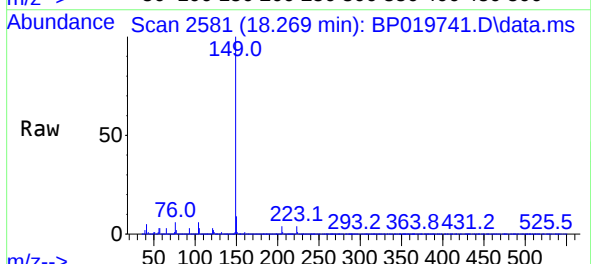
Manual Integrations

APPROVED

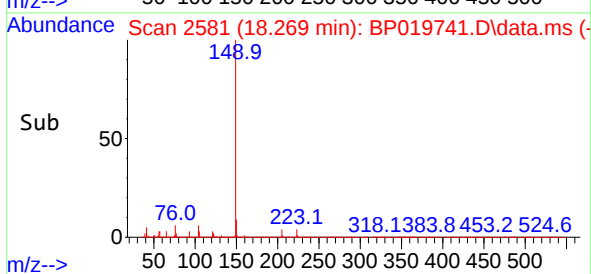
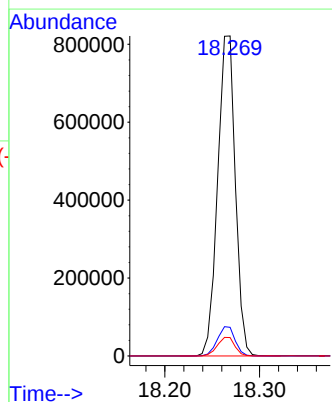
Reviewed By :Yogesh Patel 02/19/2024
 Supervised By :mohammad ahmed 02/19/2024

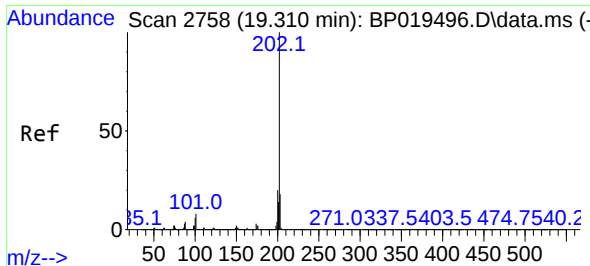


#74
 Di-n-butylphthalate
 Concen: 45.148 ng
 RT: 18.269 min Scan# 2581
 Delta R.T. -0.006 min
 Lab File: BP019741.D
 Acq: 16 Feb 2024 12:50



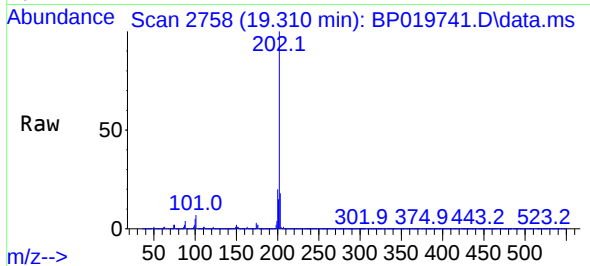
Tgt Ion:149 Resp: 1066292
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.7 4.8 7.2





#75
Fluoranthene
Concen: 46.780 ng
RT: 19.310 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

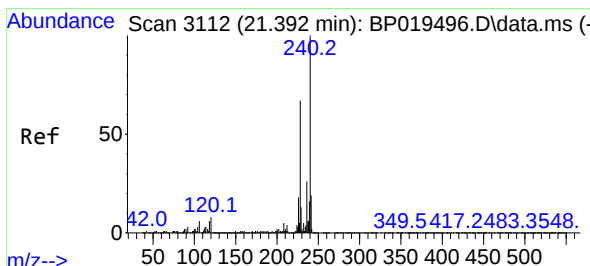
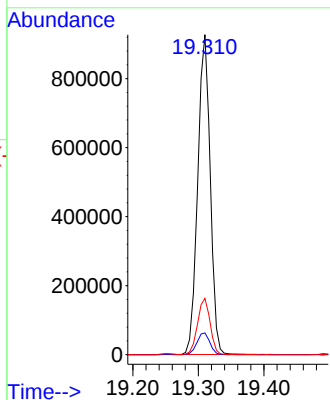
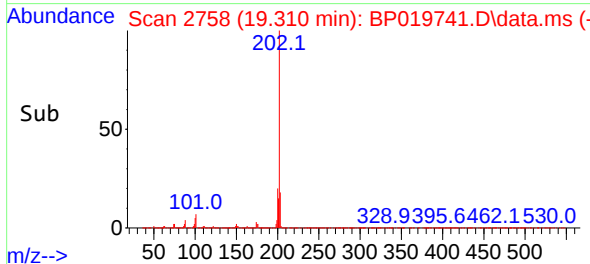
Instrument :
BNA_P
ClientSampleId :
PB158970BS



Tgt Ion:202 Resp: 1231744
Ion Ratio Lower Upper
202 100
101 6.8 0.0 27.7
203 17.6 0.0 37.5

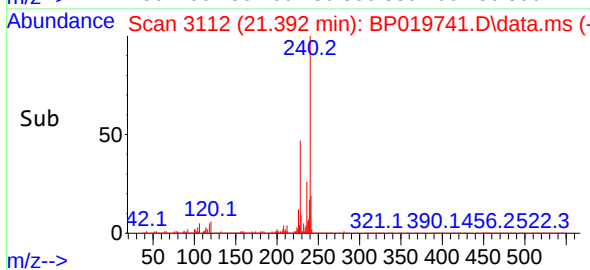
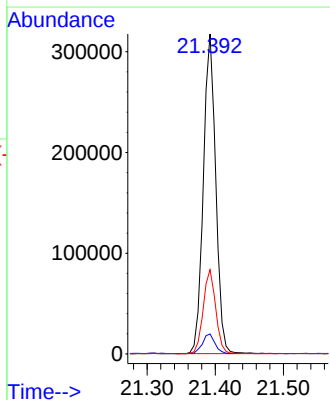
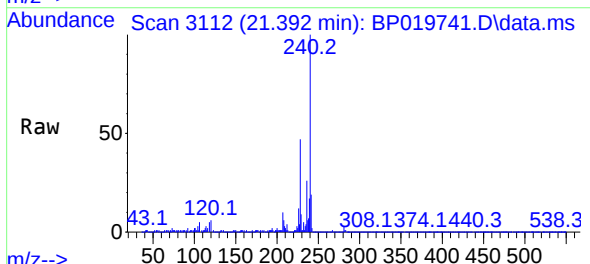
Manual Integrations
APPROVED

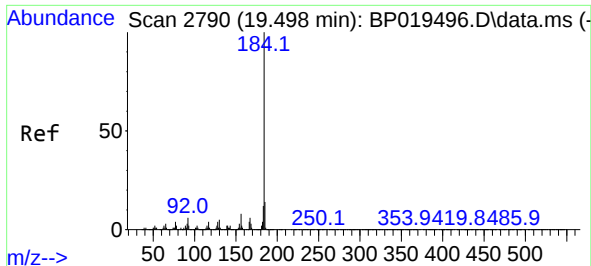
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:240 Resp: 401938
Ion Ratio Lower Upper
240 100
120 6.3 6.1 9.1
236 26.3 20.7 31.1





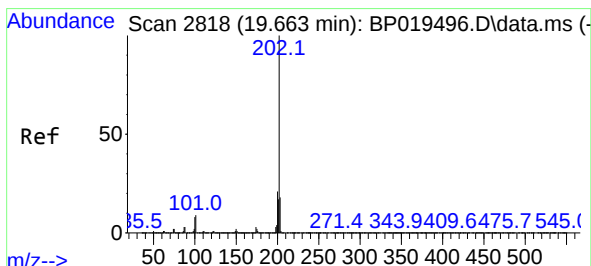
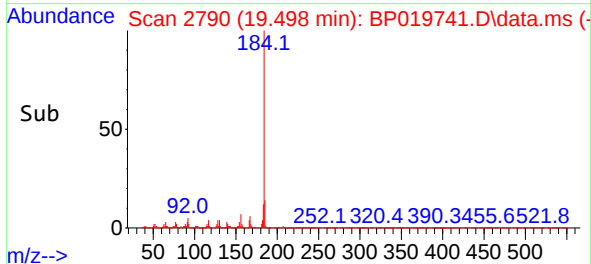
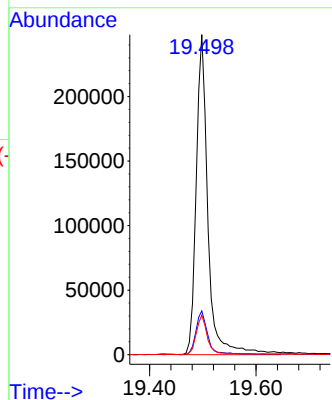
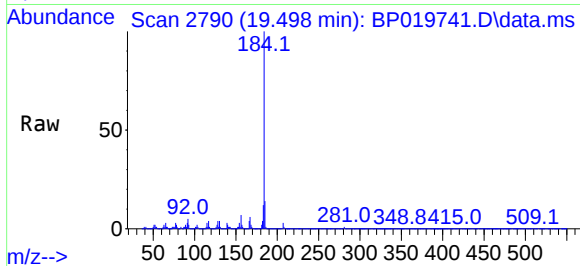
#77
Benzidine
Concen: 44.870 ng
RT: 19.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB158970BS

Tgt Ion:184 Resp: 37705
Ion Ratio Lower Upper
184 100
185 13.7 11.1 16.7
183 12.4 9.7 14.5

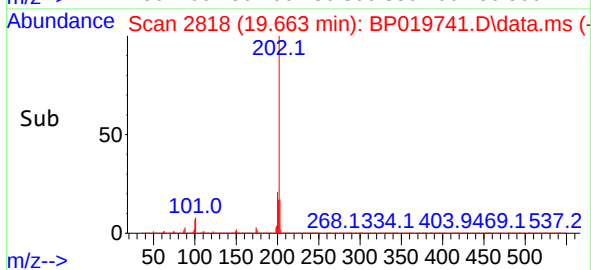
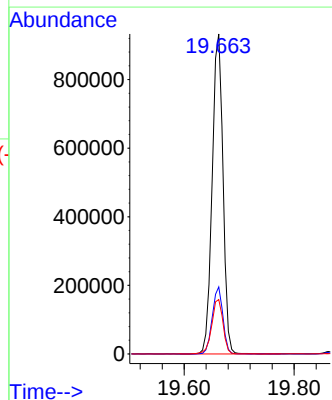
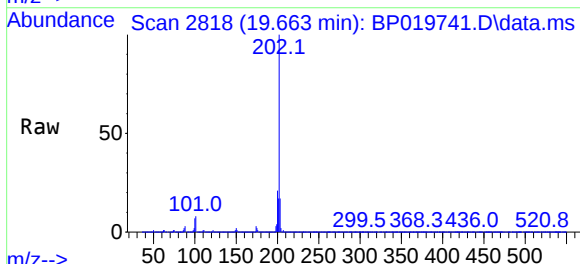
Manual Integrations
APPROVED

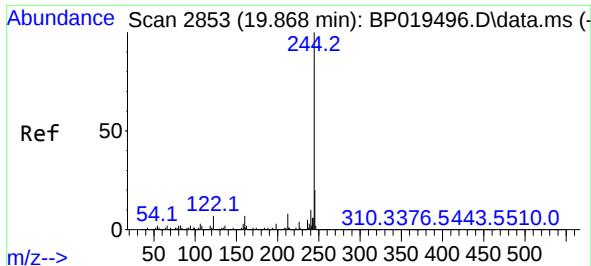
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#78
Pyrene
Concen: 44.860 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:202 Resp: 1272548
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.0 14.2 21.2





#79
Terphenyl-d14
Concen: 91.060 ng
RT: 19.863 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

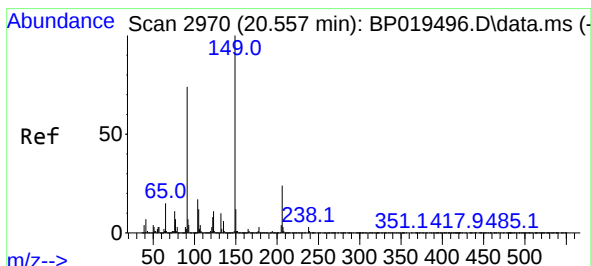
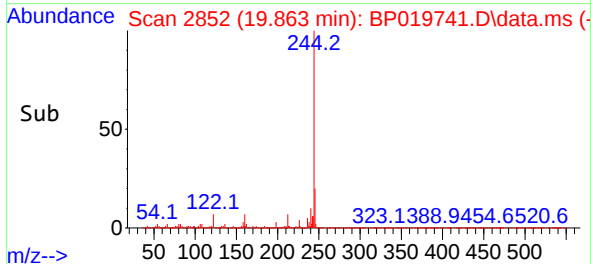
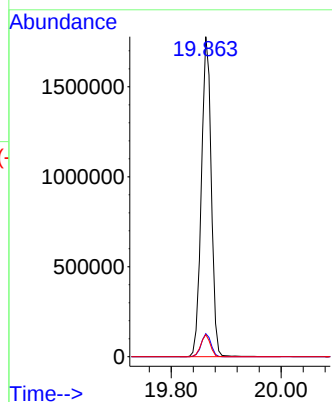
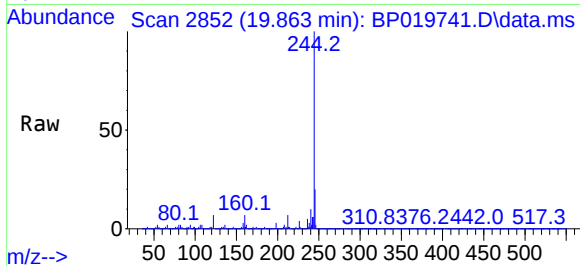
PB158970BS

Tgt Ion:244 Resp: 2225564
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.9 5.9 8.9

Manual Integrations

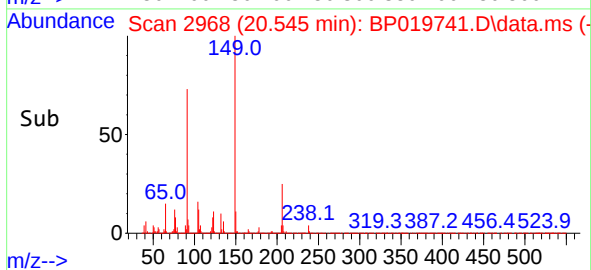
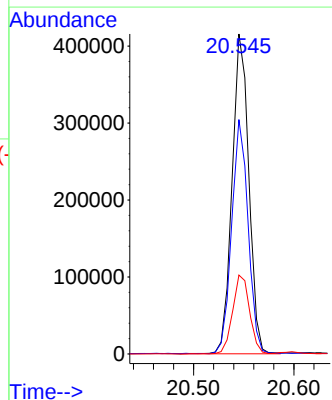
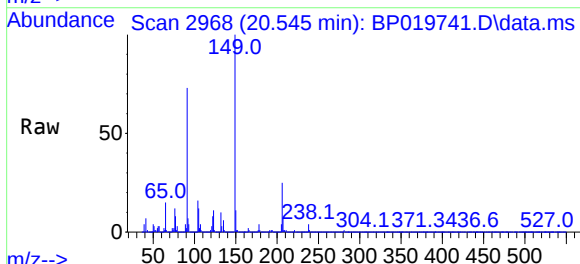
APPROVED

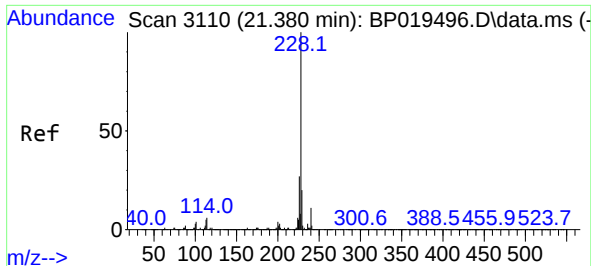
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#80
Butylbenzylphthalate
Concen: 45.251 ng
RT: 20.545 min Scan# 2968
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:149 Resp: 479364
Ion Ratio Lower Upper
149 100
91 73.3 59.4 89.0
206 24.7 19.0 28.6





#81
Benzo(a)anthracene
Concen: 45.282 ng
RT: 21.375 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

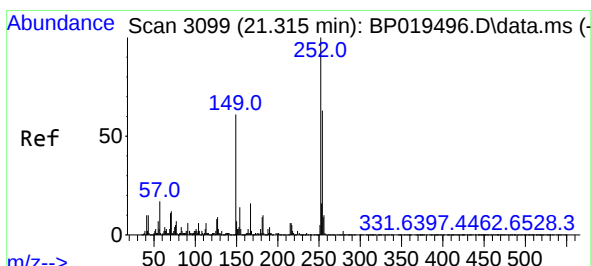
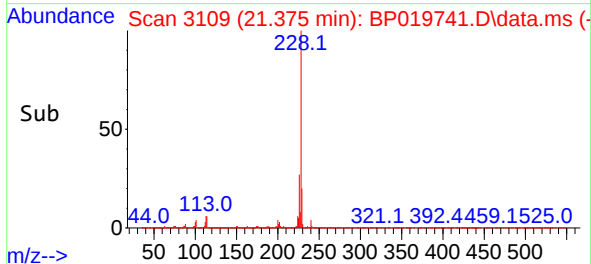
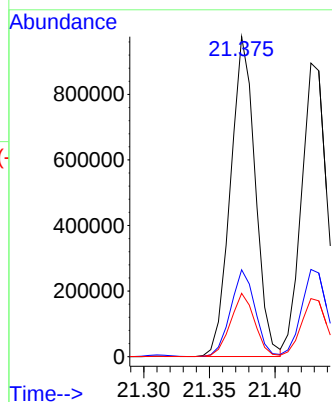
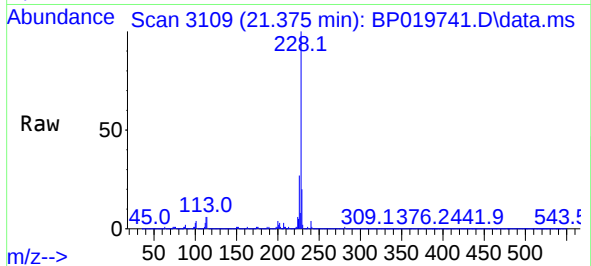
PB158970BS

Tgt Ion:228 Resp: 128117
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.8 15.6 23.4

Manual Integrations

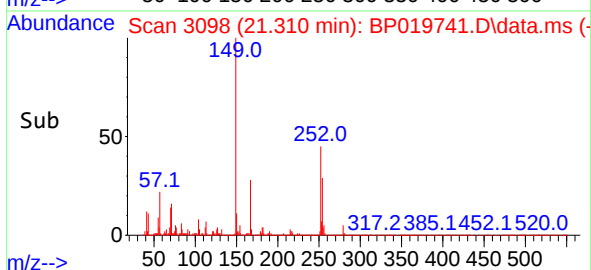
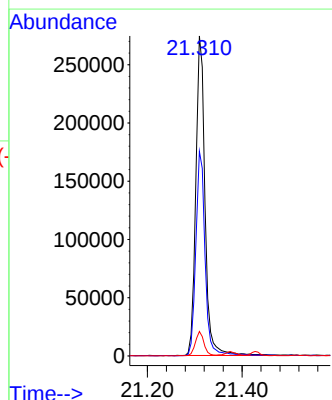
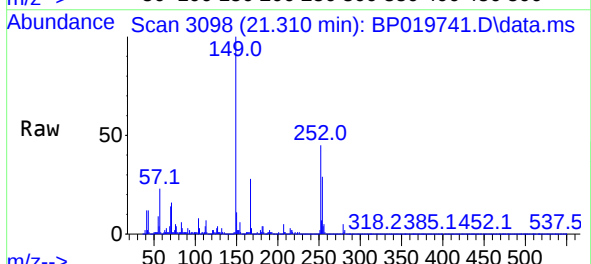
APPROVED

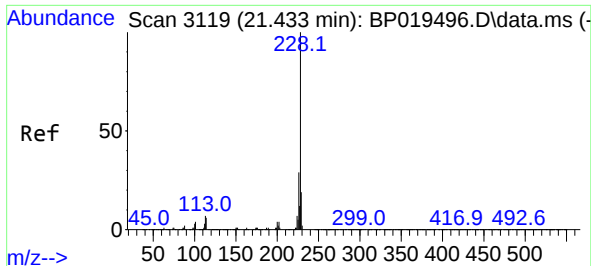
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#82
3,3'-Dichlorobenzidine
Concen: 35.829 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:252 Resp: 369400
Ion Ratio Lower Upper
252 100
254 64.0 50.7 76.1
126 7.7 6.4 9.6





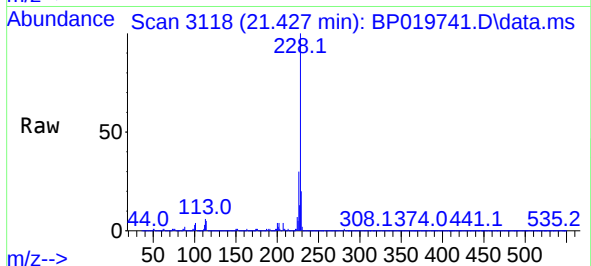
#83
Chrysene
Concen: 44.379 ng
RT: 21.427 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

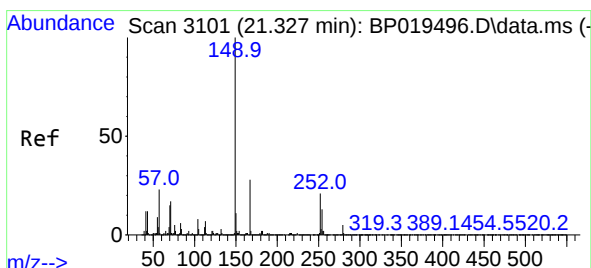
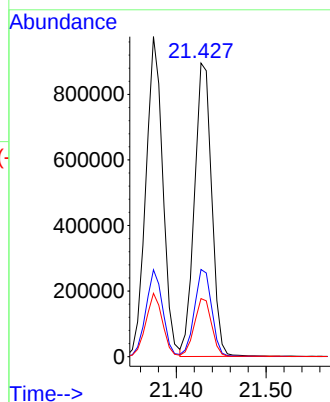
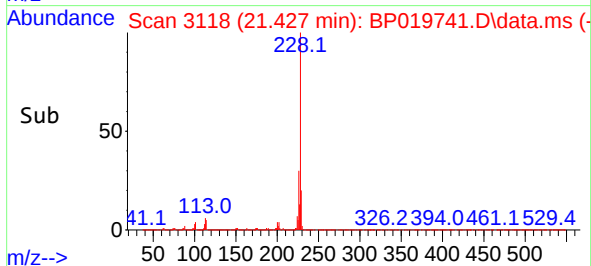


Tgt Ion:228 Resp: 119211
Ion Ratio Lower Upper
228 100
226 29.7 23.4 35.2
229 19.8 15.6 23.4

Manual Integrations

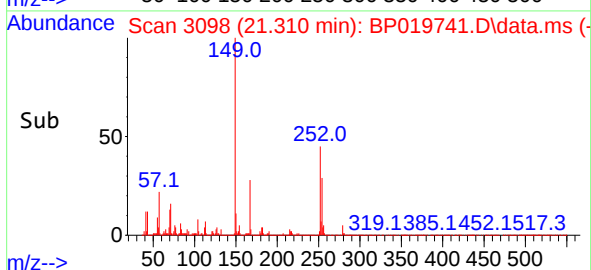
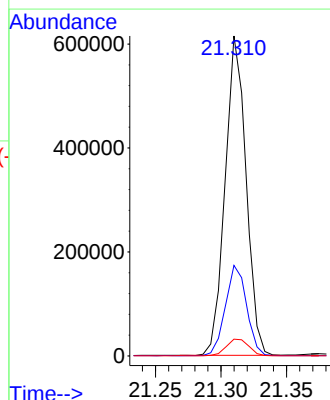
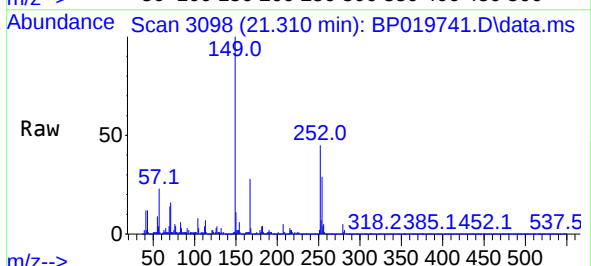
APPROVED

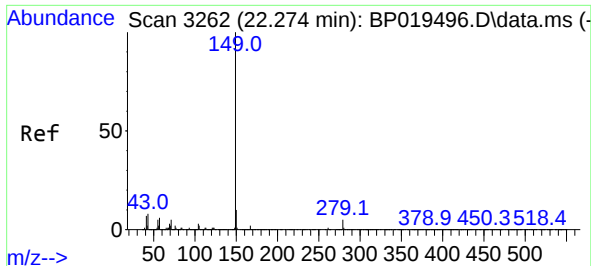
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.287 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.017 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

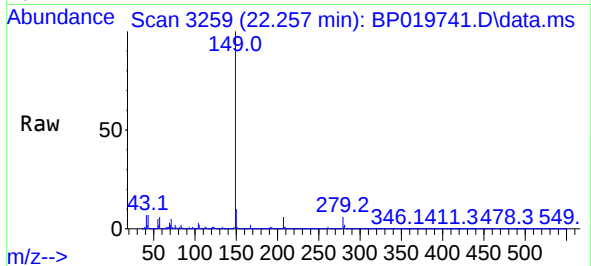
Tgt Ion:149 Resp: 682138
Ion Ratio Lower Upper
149 100
167 28.3 22.7 34.1
279 5.2 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 41.427 ng
RT: 22.257 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

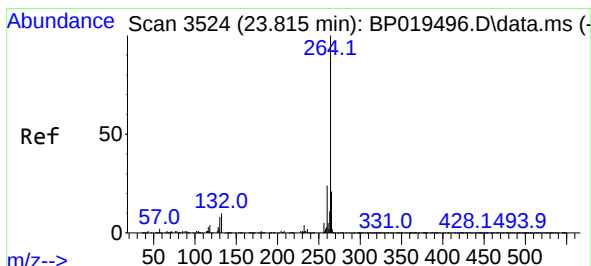
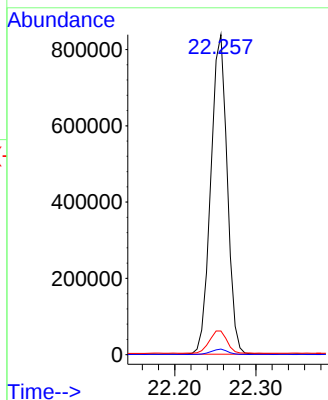
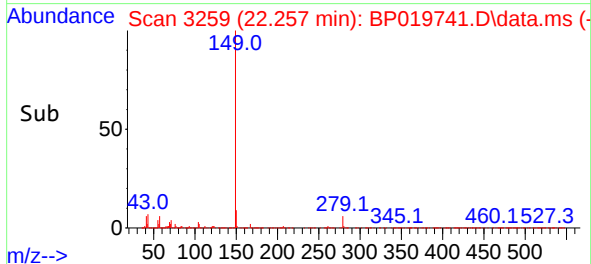
Instrument :
BNA_P
ClientSampleId :
PB158970BS



Tgt Ion:149 Resp: 1175770
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.5 6.3 9.5

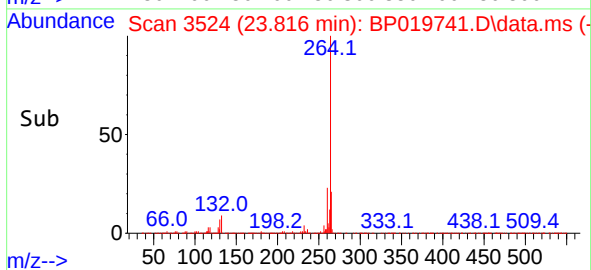
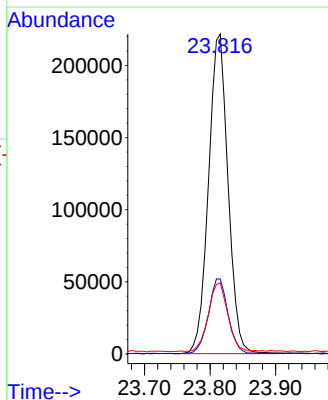
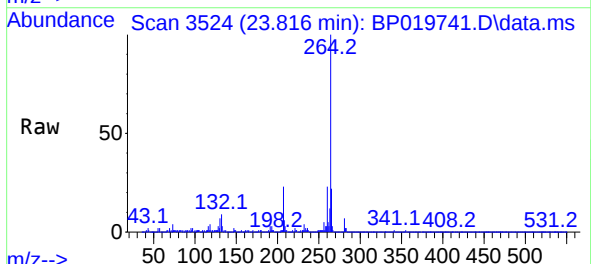
Manual Integrations
APPROVED

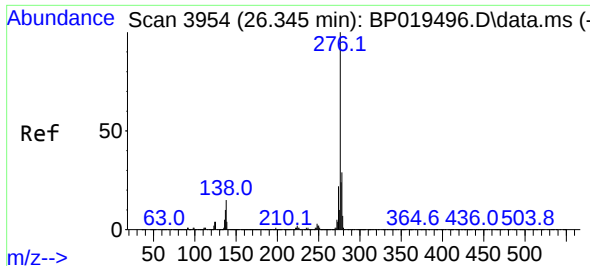
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.816 min Scan# 3524
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:264 Resp: 457544
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.2 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.474 ng
RT: 26.357 min Scan# 3954
Delta R.T. 0.012 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

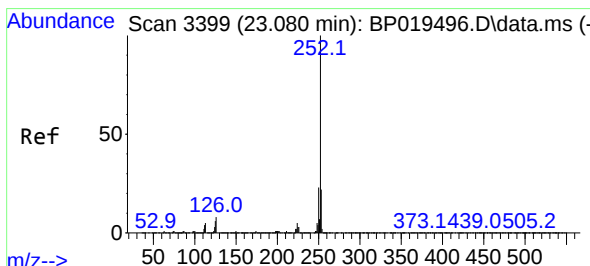
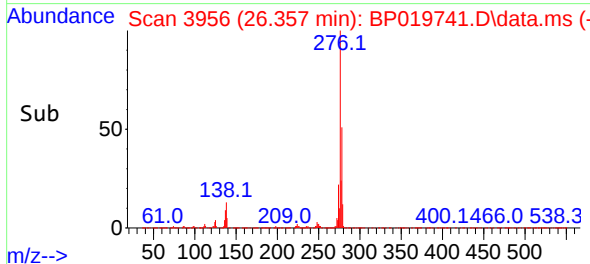
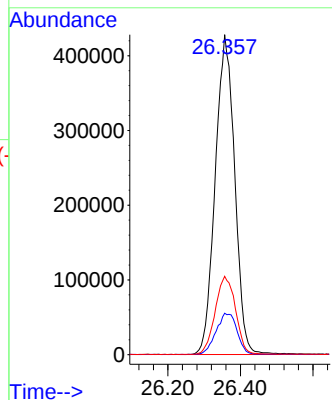
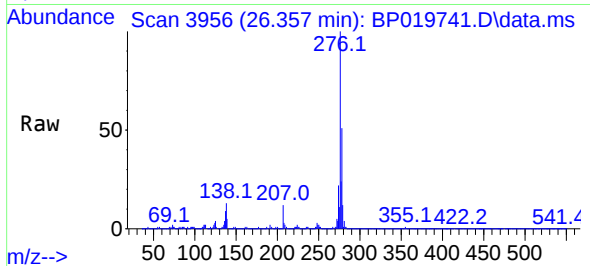
ClientSampleId :

PB158970BS

Tgt Ion:276 Resp: 159265
Ion Ratio Lower Upper
276 100
138 14.0 13.1 19.7
277 25.6 20.3 30.5

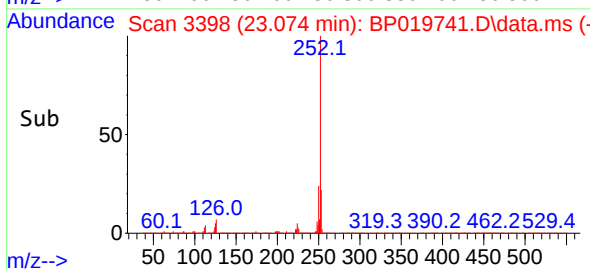
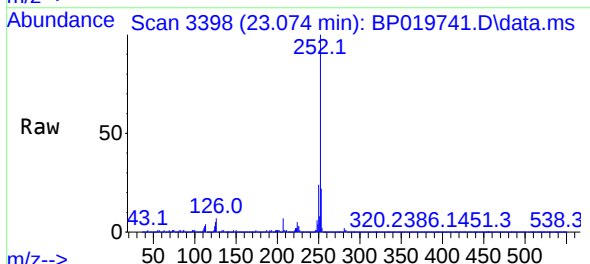
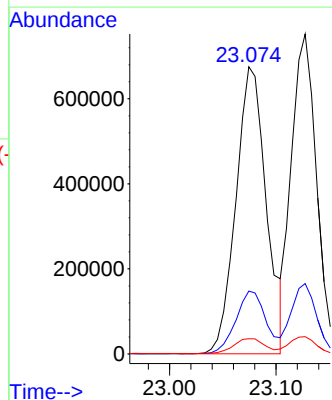
Manual Integrations
APPROVED

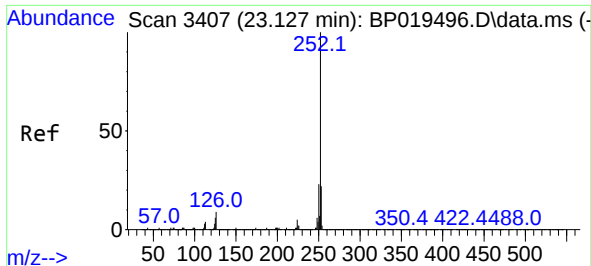
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#88
Benzo(b)fluoranthene
Concen: 46.478 ng
RT: 23.074 min Scan# 3398
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

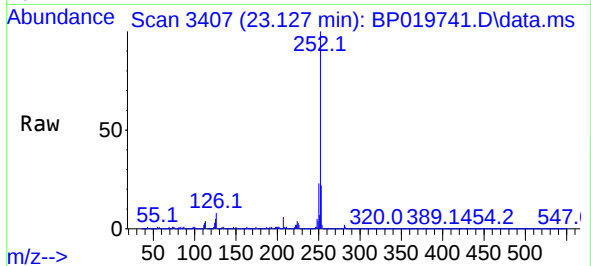
Tgt Ion:252 Resp: 1340277
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 5.3 4.9 7.3





#89
Benzo(k)fluoranthene
Concen: 44.837 ng
RT: 23.127 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

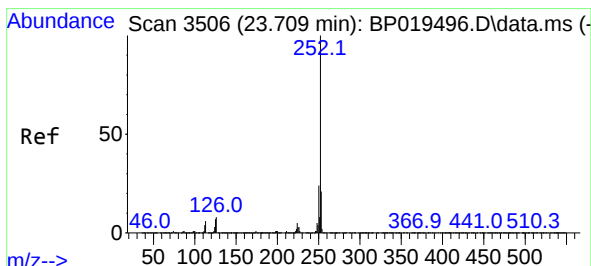
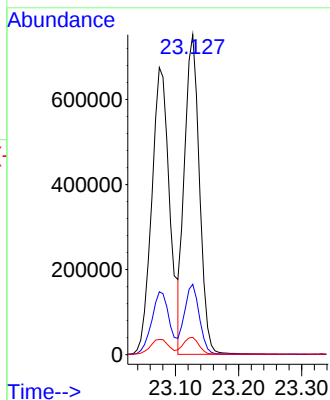
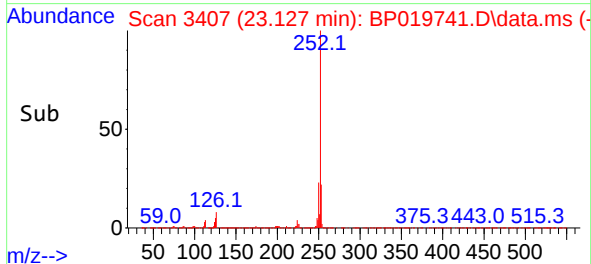
Instrument :
BNA_P
ClientSampleId :
PB158970BS



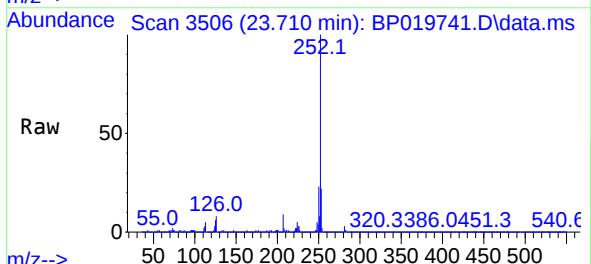
Tgt Ion:252 Resp: 1235084
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 5.4 5.0 7.6

Manual Integrations
APPROVED

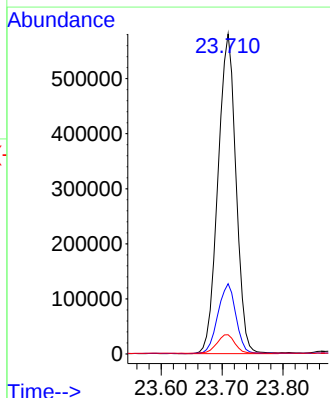
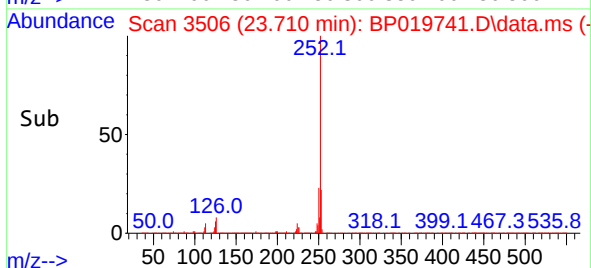
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

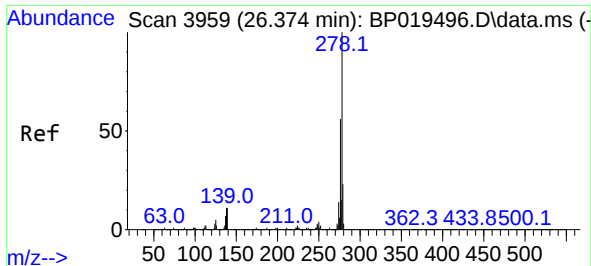


#90
Benzo(a)pyrene
Concen: 46.445 ng
RT: 23.710 min Scan# 3506
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50



Tgt Ion:252 Resp: 1191696
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 6.0 5.6 8.4





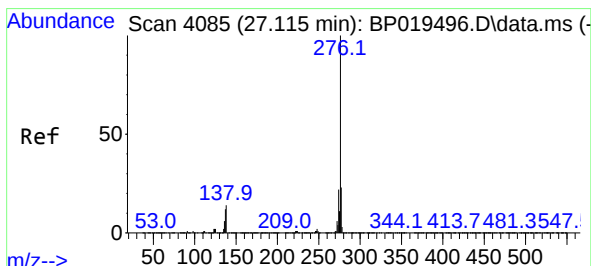
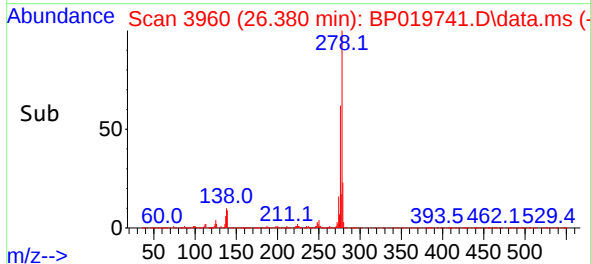
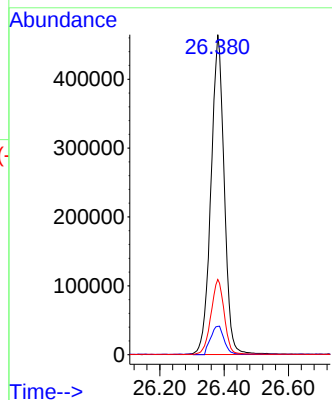
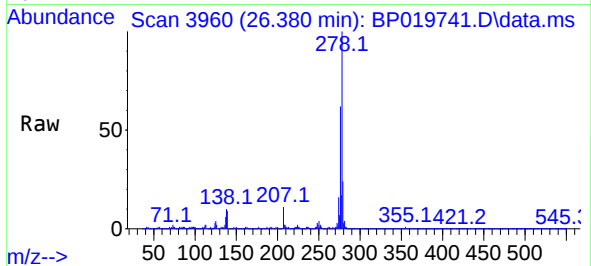
#91
Dibenzo(a,h)anthracene
Concen: 46.160 ng
RT: 26.380 min Scan# 3960
Delta R.T. 0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB158970BS

Tgt Ion:278 Resp: 132964
Ion Ratio Lower Upper
278 100
139 8.9 8.6 12.8
279 23.5 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#92
Benzo(g,h,i)perylene
Concen: 43.234 ng
RT: 27.139 min Scan# 4089
Delta R.T. 0.024 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:276 Resp: 1263435
Ion Ratio Lower Upper
276 100
277 23.1 18.6 28.0
138 11.5 10.9 16.3

