

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
 Data File : BP019819.D
 Acq On : 22 Feb 2024 11:54
 Operator : MA/JU
 Sample : PB159185BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159185BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :mohammad ahmed 02/23/2024

Quant Time: Feb 22 12:21:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	74714	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	308653	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	197368	20.000	ng	-0.01
64) Phenanthrene-d10	17.287	188	465076	20.000	ng	0.00
76) Chrysene-d12	21.380	240	467688	20.000	ng	-0.01
86) Perylene-d12	23.798	264	490307	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	624516	134.737	ng	0.00
7) Phenol-d6	7.069	99	811086	129.778	ng	0.00
23) Nitrobenzene-d5	9.063	82	559107	78.492	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	500908	173.823	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1351069	84.625	ng	0.00
79) Terphenyl-d14	19.851	244	2658608	93.485	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	59134	33.113	ng	96
3) Pyridine	3.776	79	155018	32.018	ng	96
4) n-Nitrosodimethylamine	3.693	42	88181	41.834	ng	99
6) Aniline	7.228	93	166808	27.468	ng	99
8) 2-Chlorophenol	7.458	128	228466	48.010	ng	98
9) Benzaldehyde	7.046	77	94174m	21.492	ng	
10) Phenol	7.099	94	290262	46.598	ng	99
11) bis(2-Chloroethyl)ether	7.328	93	211752	43.695	ng	99
12) 1,3-Dichlorobenzene	7.775	146	250326	42.990	ng	100
13) 1,4-Dichlorobenzene	7.928	146	257724	43.687	ng	99
14) 1,2-Dichlorobenzene	8.240	146	245193	42.957	ng	98
15) Benzyl Alcohol	8.146	79	235222	47.104	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.416	45	209249	43.179	ng	99
17) 2-Methylphenol	8.346	107	194514	46.383	ng	99
18) Hexachloroethane	8.958	117	97466	42.624	ng	97
19) n-Nitroso-di-n-propyla...	8.711	70	184361	43.187	ng	99
20) 3+4-Methylphenols	8.675	107	264154	46.154	ng	96
22) Acetophenone	8.728	105	355471	40.426	ng	# 98
24) Nitrobenzene	9.111	77	276115	38.500	ng	99
25) Isophorone	9.634	82	499330	40.251	ng	99
26) 2-Nitrophenol	9.810	139	126327	46.196	ng	98
27) 2,4-Dimethylphenol	9.875	122	172879	49.441	ng	99
28) bis(2-Chloroethoxy)met...	10.116	93	283919	40.451	ng	98
29) 2,4-Dichlorophenol	10.346	162	255559	48.348	ng	99
30) 1,2,4-Trichlorobenzene	10.552	180	289598	44.684	ng	99
31) Naphthalene	10.740	128	735798	43.466	ng	99
32) Benzoic acid	10.040	122	163745	48.063	ng	97
33) 4-Chloroaniline	10.869	127	106359	16.989	ng	97
34) Hexachlorobutadiene	11.010	225	201649	41.987	ng	97
35) Caprolactam	11.681	113	72366	48.361	ng	95
36) 4-Chloro-3-methylphenol	11.993	107	265625	46.087	ng	99
37) 2-Methylnaphthalene	12.352	142	489612	41.793	ng	99
38) 1-Methylnaphthalene	12.569	142	465855	40.465	ng	98
40) 1,2,4,5-Tetrachloroben...	12.716	216	348647	45.804	ng	99
41) Hexachlorocyclopentadiene	12.681	237	395121	114.907	ng	100
43) 2,4,6-Trichlorophenol	12.963	196	223671	48.528	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	246210	48.647	ng	95
46) 1,1'-Biphenyl	13.369	154	679911	43.162	ng	99
47) 2-Chloronaphthalene	13.404	162	536786	41.511	ng	99
48) 2-Nitroaniline	13.622	65	171757	47.502	ng	99
49) Acenaphthylene	14.251	152	864182	47.635	ng	100
50) Dimethylphthalate	14.004	163	717621	47.496	ng	100
51) 2,6-Dinitrotoluene	14.128	165	157179	47.349	ng	94
52) Acenaphthene	14.593	154	495157	43.976	ng	100
53) 3-Nitroaniline	14.457	138	106653	34.960	ng	99
54) 2,4-Dinitrophenol	14.669	184	217293	126.072	ng	97
55) Dibenzofuran	14.934	168	844253	46.036	ng	98
56) 4-Nitrophenol	14.769	139	254104	101.623	ng	97
57) 2,4-Dinitrotoluene	14.916	165	226055	51.965	ng	97
58) Fluorene	15.581	166	691137	47.317	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	237003	55.672	ng	95
60) Diethylphthalate	15.369	149	716325	47.665	ng	98
61) 4-Chlorophenyl-phenyle...	15.581	204	393790	47.967	ng	95
62) 4-Nitroaniline	15.622	138	156569	48.963	ng	98
63) Azobenzene	15.875	77	660557	45.454	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	148593	56.033	ng	96
66) n-Nitrosodiphenylamine	15.798	169	606509	43.544	ng	99
67) 4-Bromophenyl-phenylether	16.475	248	266351	45.812	ng	98
68) Hexachlorobenzene	16.581	284	313182	46.128	ng	93
69) Atrazine	16.763	200	234790	50.799	ng	95
70) Pentachlorophenol	16.934	266	435144	102.917	ng	99
71) Phenanthrene	17.334	178	1118789	45.711	ng	100
72) Anthracene	17.422	178	1144028	46.856	ng	99
73) Carbazole	17.698	167	1032962	46.571	ng	100
74) Di-n-butylphthalate	18.257	149	1246830	46.491	ng	99
75) Fluoranthene	19.298	202	1425751	47.685	ng	99
77) Benzidine	19.486	184	320374	32.765	ng	99
78) Pyrene	19.651	202	1483774	44.953	ng	100
80) Butylbenzylphthalate	20.539	149	560292	45.454	ng	94
81) Benzo(a)anthracene	21.369	228	1517264	46.087	ng	100
82) 3,3'-Dichlorobenzidine	21.304	252	464562	38.724	ng	98
83) Chrysene	21.422	228	1409720	45.102	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	808351	43.066	ng	98
85) Di-n-octyl phthalate	22.245	149	1376585	41.684	ng	99
87) Indeno(1,2,3-cd)pyrene	26.333	276	1750718	46.647	ng	97
88) Benzo(b)fluoranthene	23.063	252	1507204	48.774	ng	99
89) Benzo(k)fluoranthene	23.110	252	1448662	49.077	ng	99
90) Benzo(a)pyrene	23.692	252	1347722	49.016	ng	99
91) Dibenzo(a,h)anthracene	26.357	278	1464625	47.448	ng #	98
92) Benzo(g,h,i)perylene	27.104	276	1389868	44.383	ng	97

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

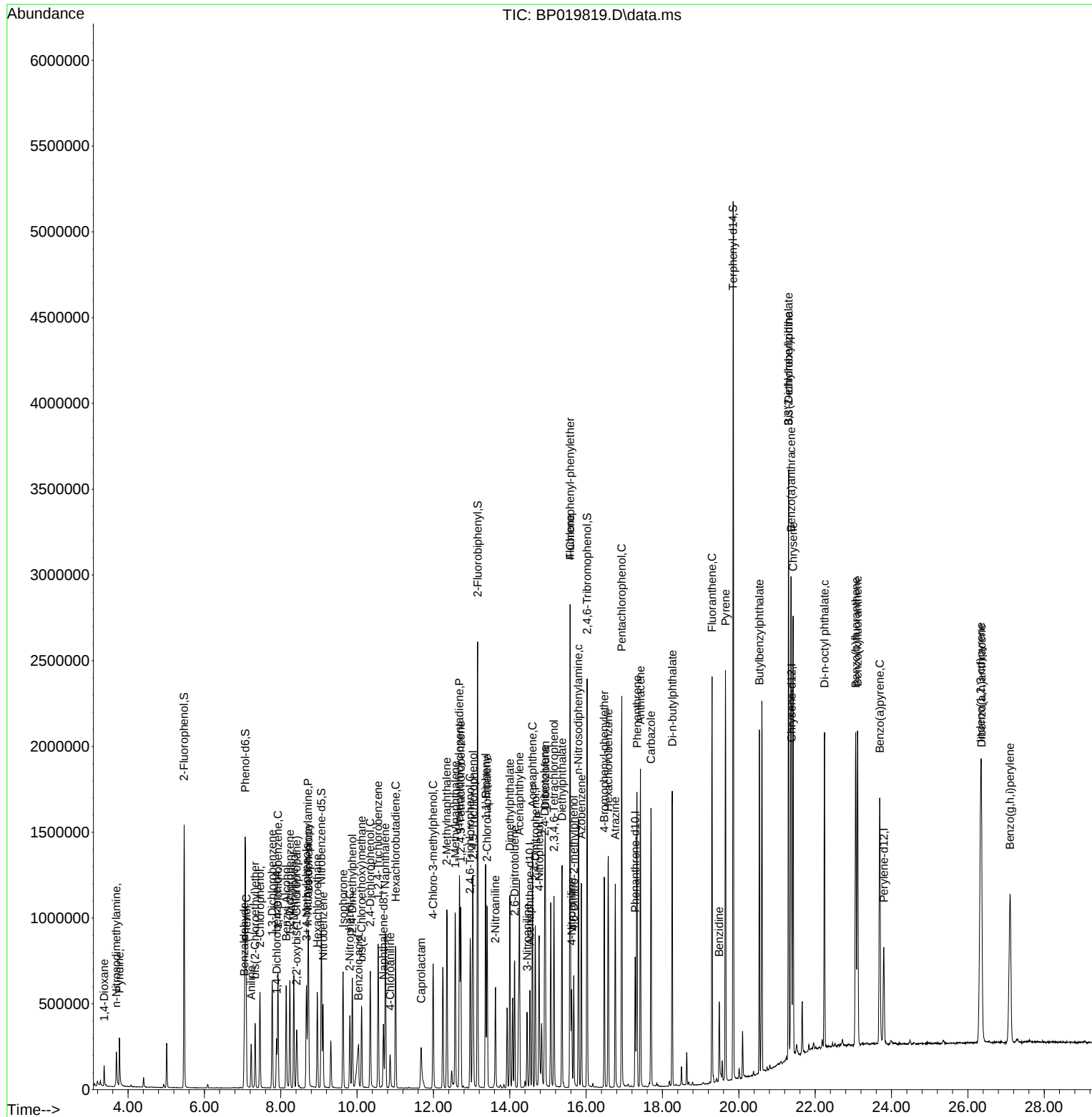
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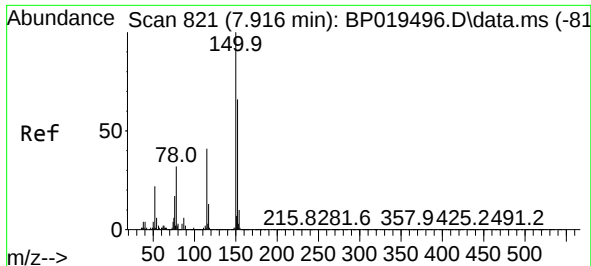
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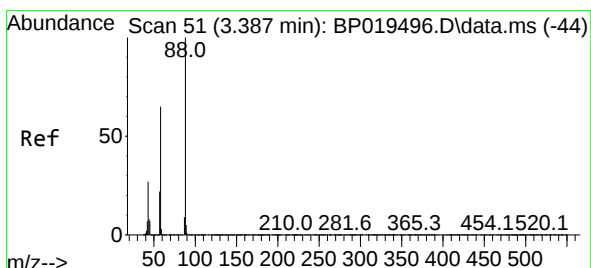
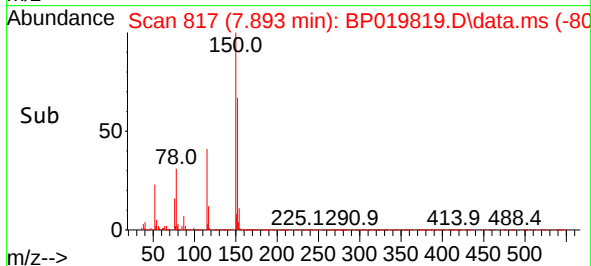
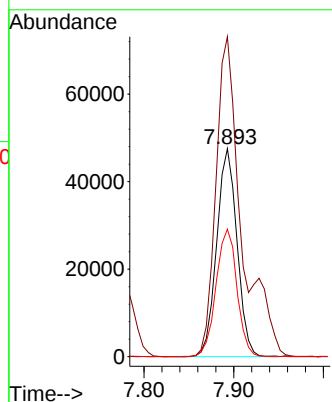
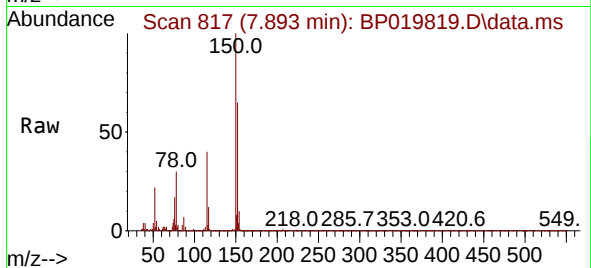
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019819.D
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Tgt Ion:152 Resp: 74714
Ion Ratio Lower Upper
152 100
150 153.8 121.8 182.8
115 61.3 49.9 74.9

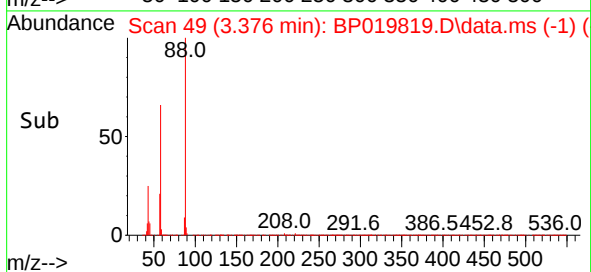
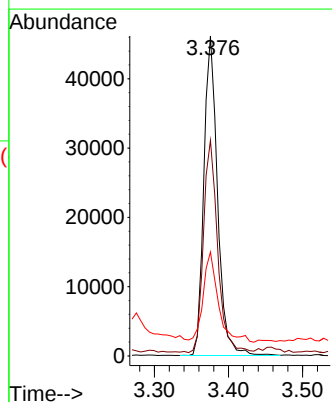
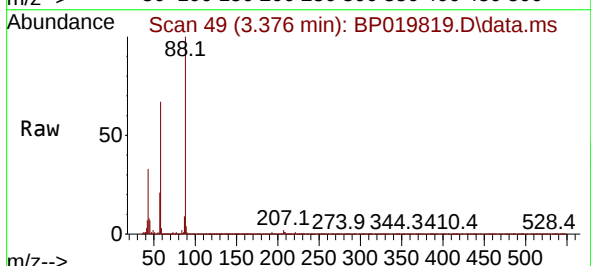
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#2
1,4-Dioxane
Concen: 33.113 ng
RT: 3.376 min Scan# 49
Delta R.T. -0.006 min
Lab File: BP019819.D
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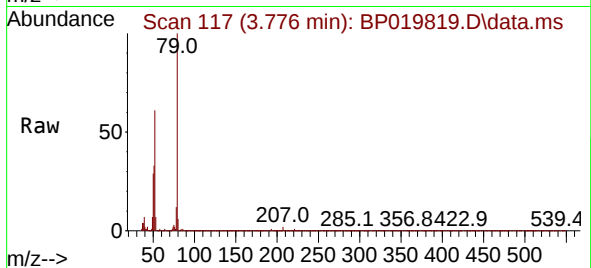
Tgt Ion: 88 Resp: 59134
Ion Ratio Lower Upper
88 100
58 68.3 52.6 78.8
43 31.2 21.9 32.9





#3
Pyridine
Concen: 32.018 ng
RT: 3.776 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019819.D
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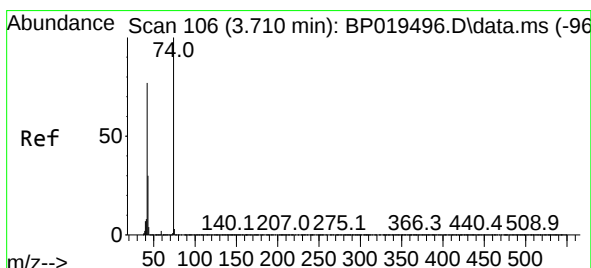
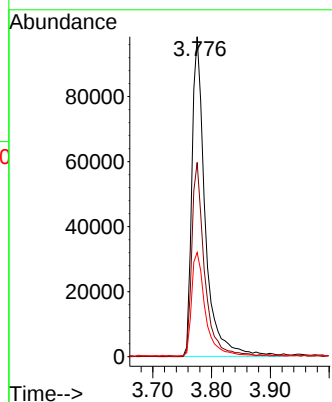
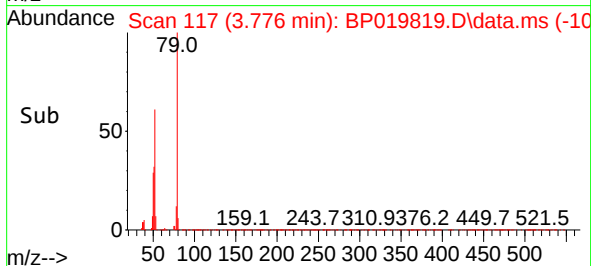
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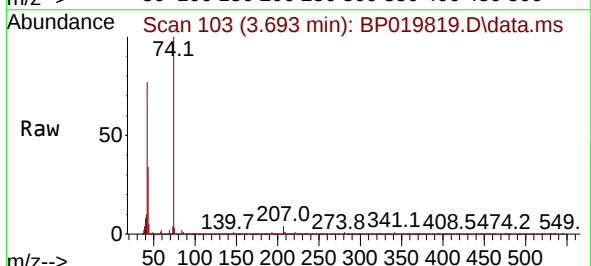
Tgt Ion: 79 Resp: 155018
Ion Ratio Lower Upper
79 100
52 60.7 45.0 67.6
51 32.6 26.8 40.2

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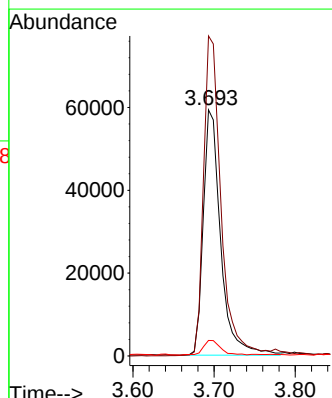
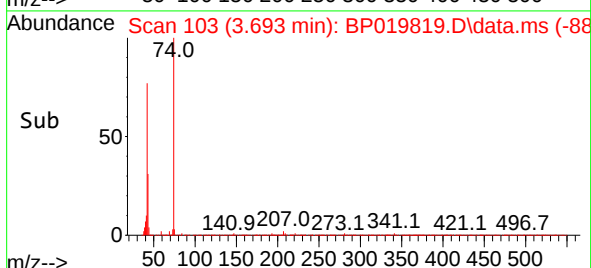
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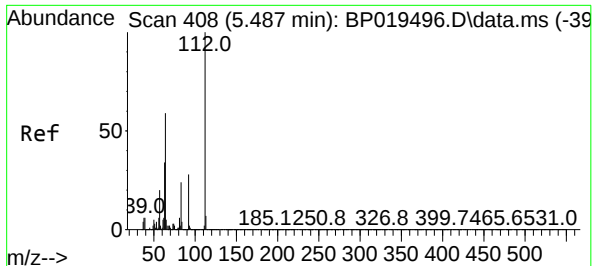


#4
n-Nitrosodimethylamine
Concen: 41.834 ng
RT: 3.693 min Scan# 103
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54



Tgt Ion: 42 Resp: 88181
Ion Ratio Lower Upper
42 100
74 130.0 103.4 155.2
44 6.3 4.8 7.2





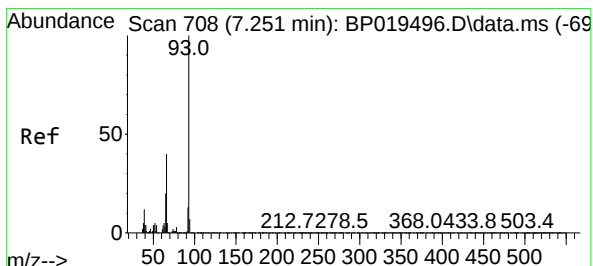
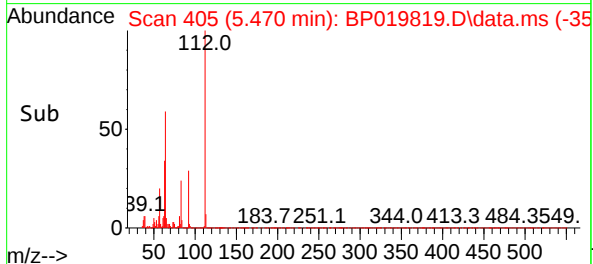
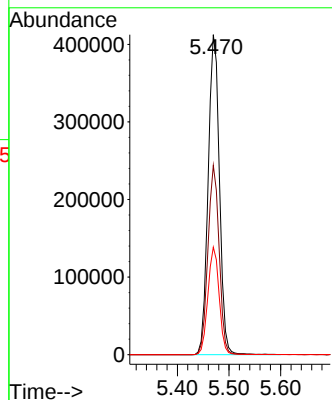
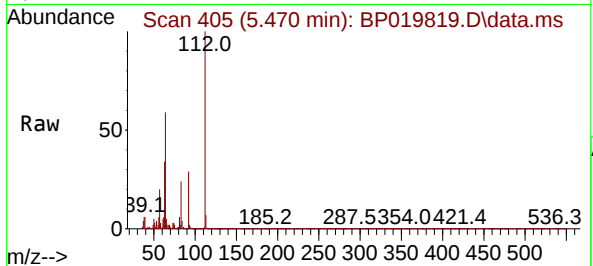
#5
2-Fluorophenol
Concen: 134.737 ng
RT: 5.470 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019819.D
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Tgt Ion:112 Resp: 624510
Ion Ratio Lower Upper
112 100
64 59.2 47.4 71.0
63 33.6 27.0 40.6

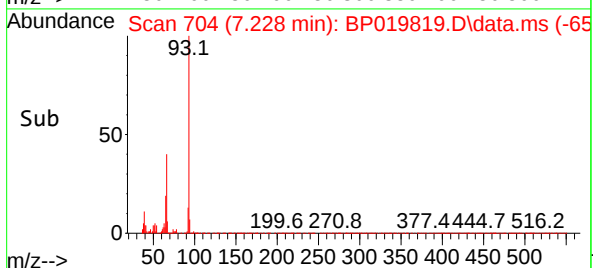
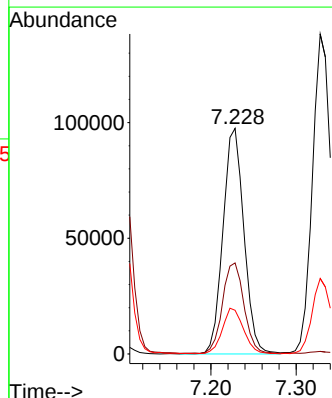
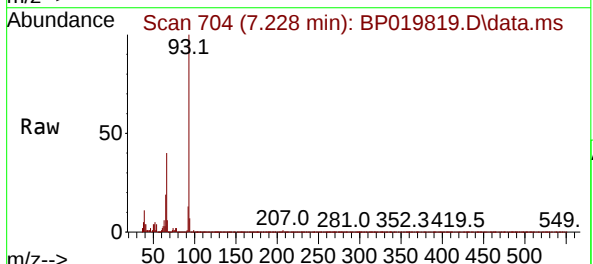
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#6
Aniline
Concen: 27.468 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.006 min
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Tgt Ion: 93 Resp: 166808
Ion Ratio Lower Upper
93 100
66 40.4 32.3 48.5
65 19.3 16.4 24.6





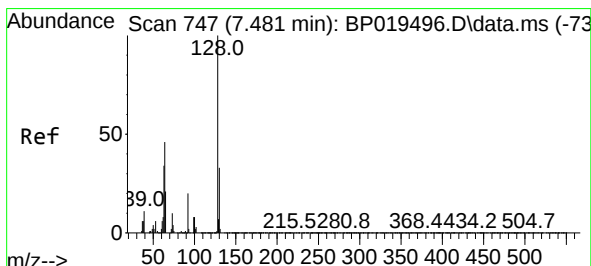
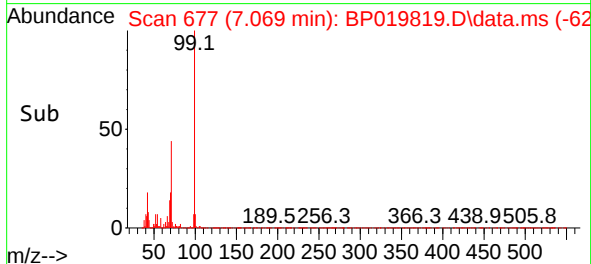
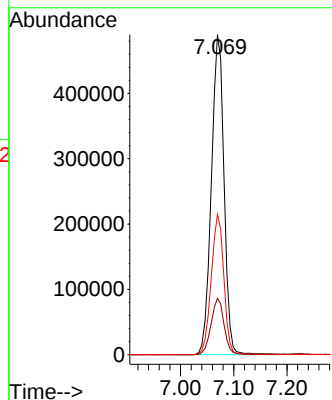
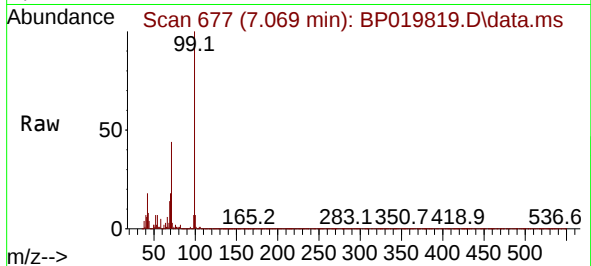
#7
Phenol-d6
Concen: 129.778 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
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Tgt Ion: 99 Resp: 811080
Ion Ratio Lower Upper
99 100
42 17.6 14.7 22.1
71 43.9 34.8 52.2

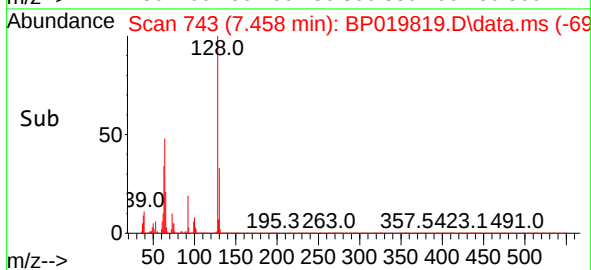
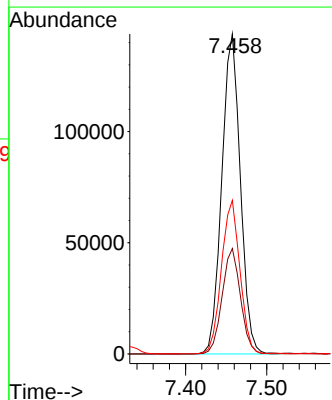
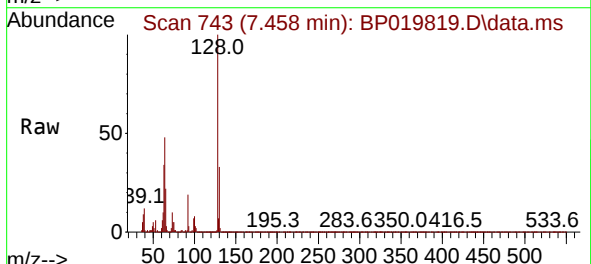
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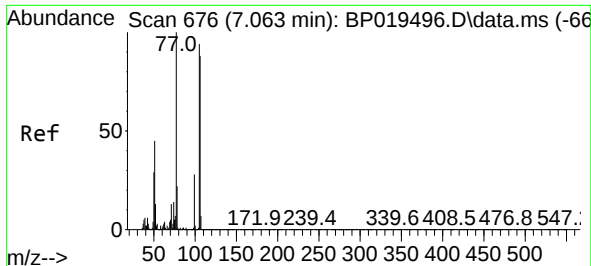
Reviewed By :Yogesh Patel 02/23/2024
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#8
2-Chlorophenol
Concen: 48.010 ng
RT: 7.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:128 Resp: 228466
Ion Ratio Lower Upper
128 100
130 32.9 13.3 53.3
64 48.0 29.7 69.7





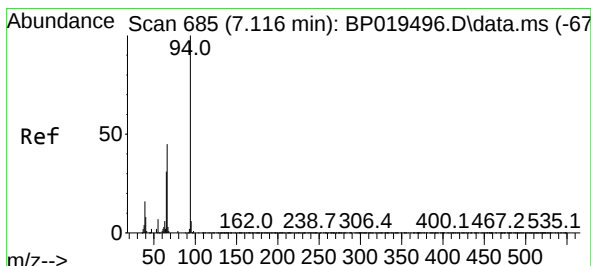
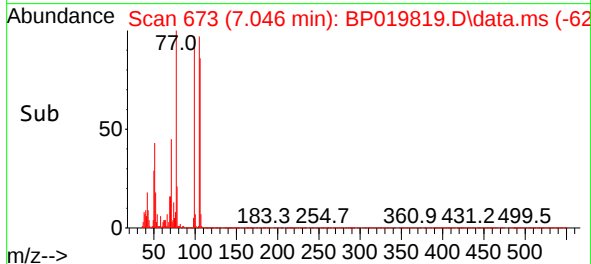
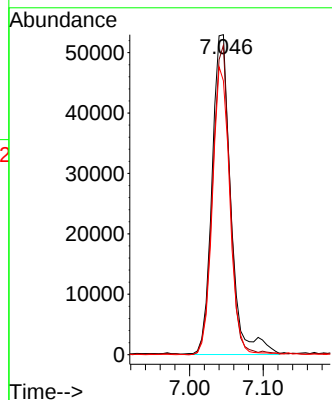
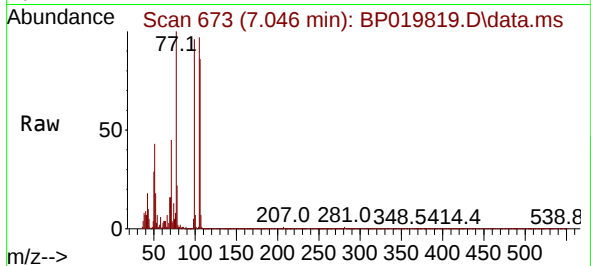
#9
Benzaldehyde
Concen: 21.492 ng m
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 94174
Ion Ratio Lower Upper
77 100
105 96.6 74.0 114.0
106 85.6 67.8 107.8

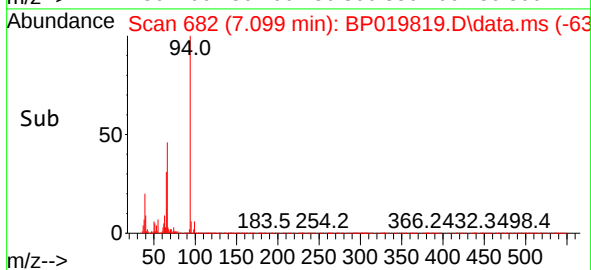
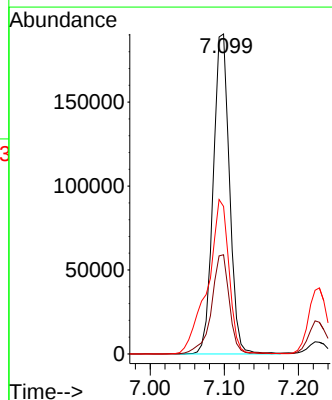
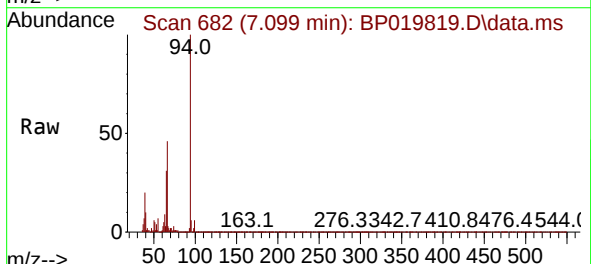
Manual Integrations
APPROVED

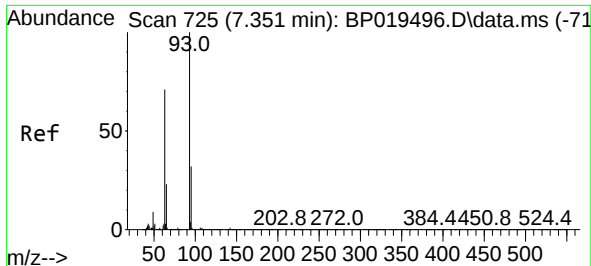
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#10
Phenol
Concen: 46.598 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

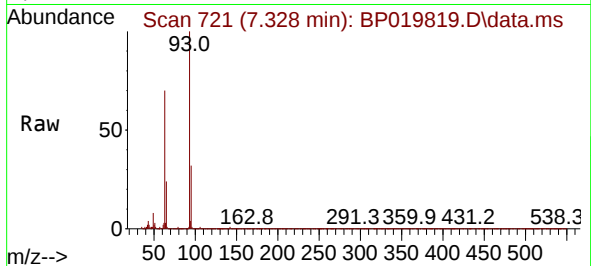
Tgt Ion: 94 Resp: 290262
Ion Ratio Lower Upper
94 100
65 31.0 11.3 51.3
66 46.1 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 43.695 ng
RT: 7.328 min Scan# 711
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

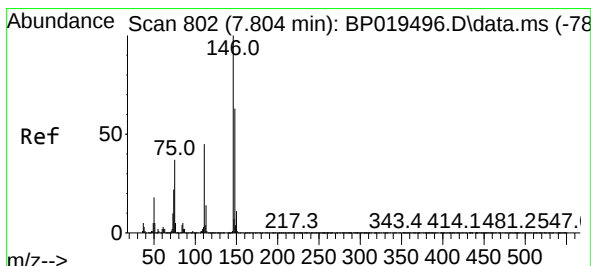
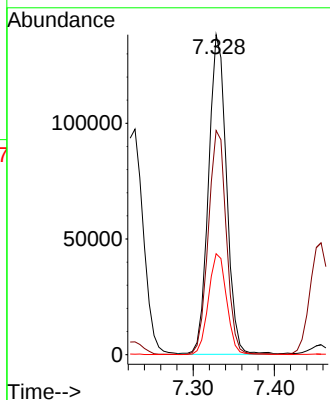
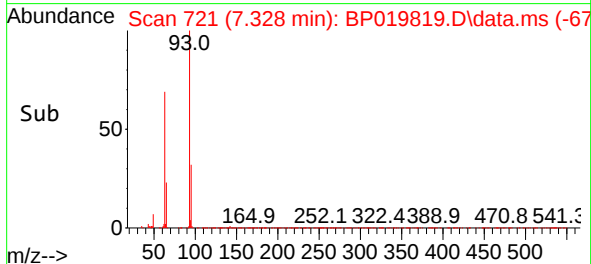
Instrument :
BNA_P
ClientSampleId :
PB159185BS



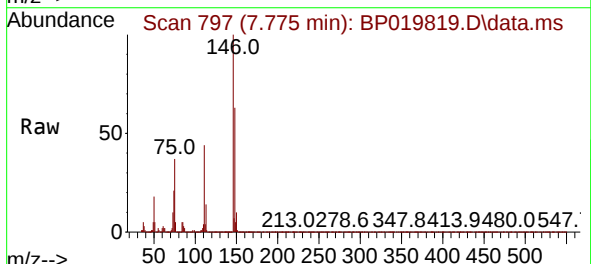
Tgt Ion: 93 Resp: 211752
Ion Ratio Lower Upper
93 100
63 70.0 51.2 91.2
95 31.5 11.8 51.8

Manual Integrations
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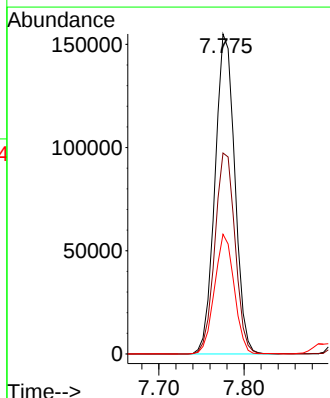
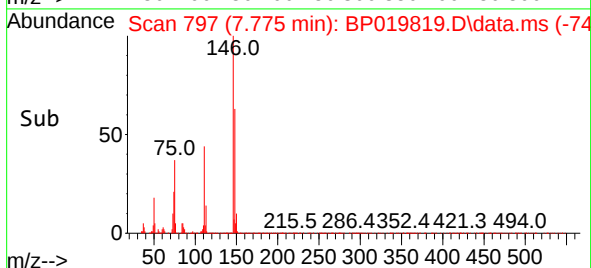
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#12
1,3-Dichlorobenzene
Concen: 42.990 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54



Tgt Ion:146 Resp: 250326
Ion Ratio Lower Upper
146 100
148 62.8 50.4 75.6
75 37.4 29.9 44.9





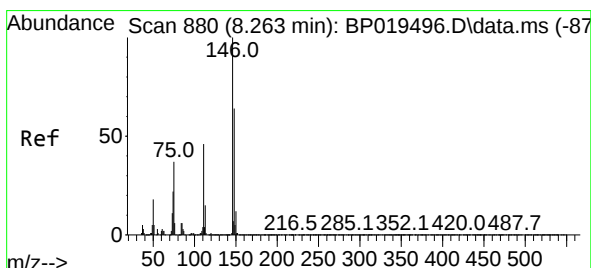
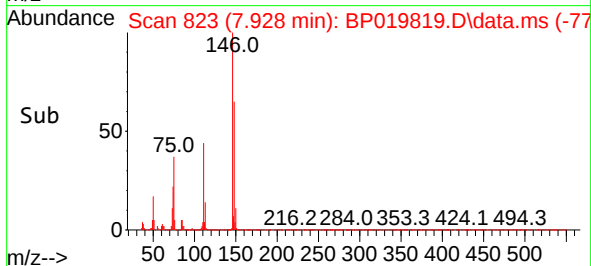
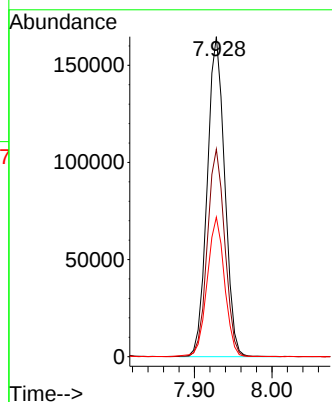
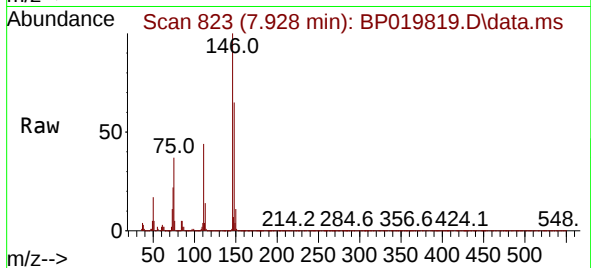
#13
1,4-Dichlorobenzene
Concen: 43.687 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159185BS

Tgt Ion:146 Resp: 257724
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
111 43.6 35.8 53.6

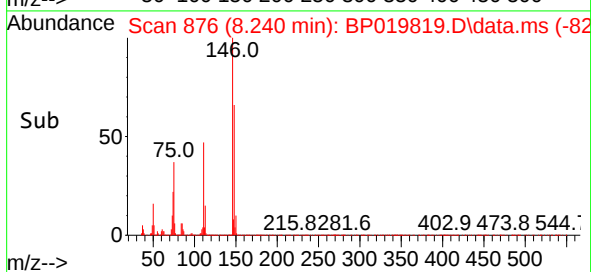
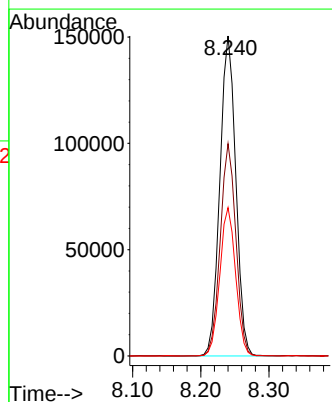
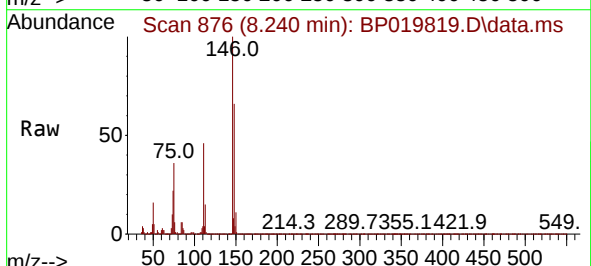
Manual Integrations
APPROVED

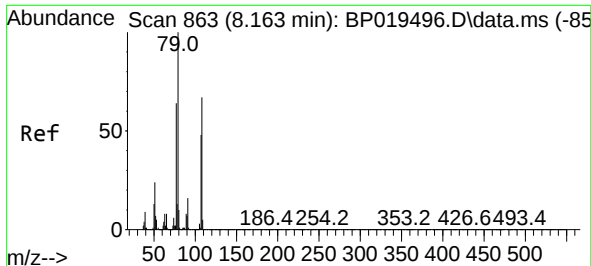
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#14
1,2-Dichlorobenzene
Concen: 42.957 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:146 Resp: 245193
Ion Ratio Lower Upper
146 100
148 66.4 51.4 77.0
111 46.4 37.0 55.6





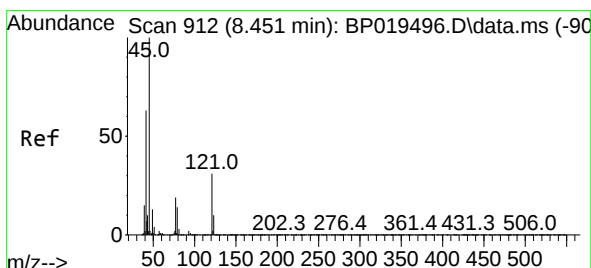
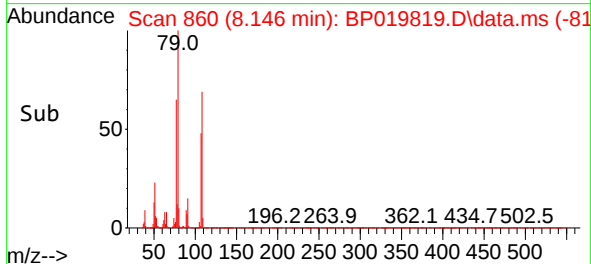
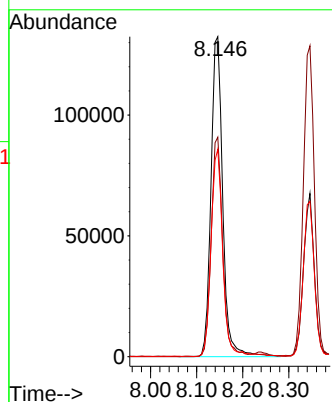
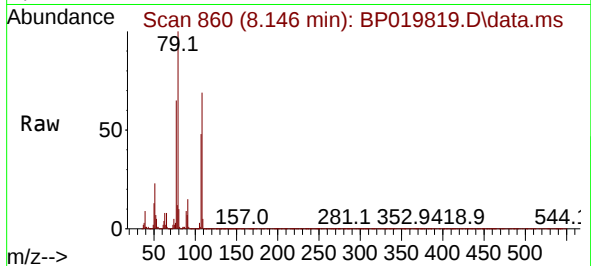
#15
Benzyl Alcohol
Concen: 47.104 ng
RT: 8.146 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159185BS

Tgt Ion: 79 Resp: 23522
Ion Ratio Lower Upper
79 100
108 68.6 53.8 80.6
77 64.8 51.3 76.9

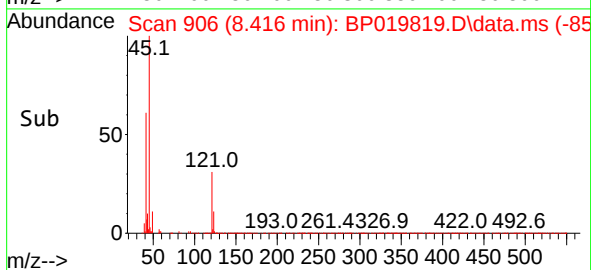
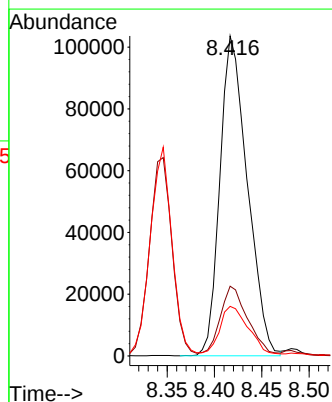
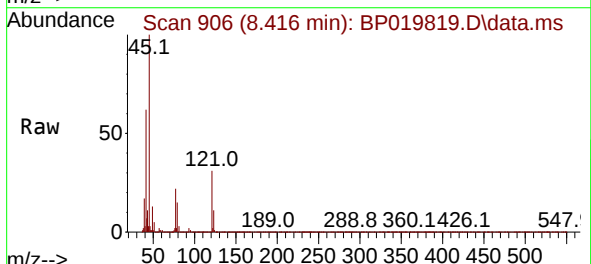
Manual Integrations
APPROVED

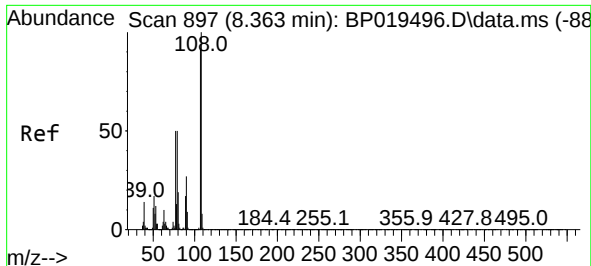
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.179 ng
RT: 8.416 min Scan# 906
Delta R.T. -0.023 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

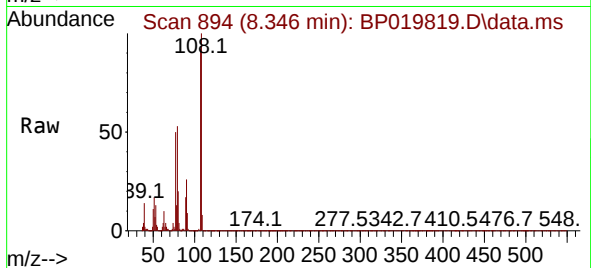
Tgt Ion: 45 Resp: 209249
Ion Ratio Lower Upper
45 100
77 21.8 0.8 40.8
79 15.5 0.0 35.5





#17
2-Methylphenol
Concen: 46.383 ng
RT: 8.346 min Scan# 897
Delta R.T. 0.000 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

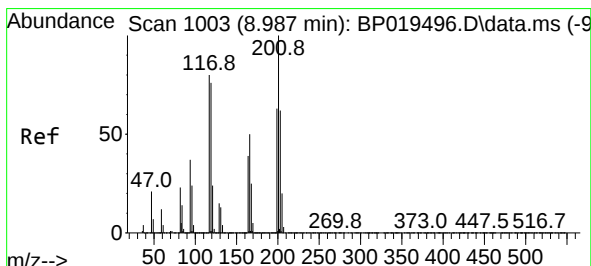
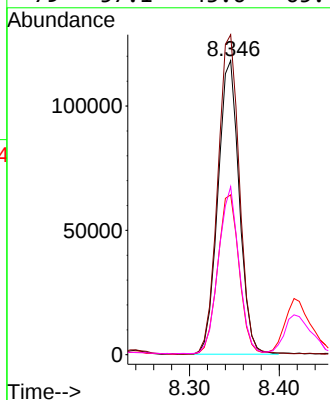
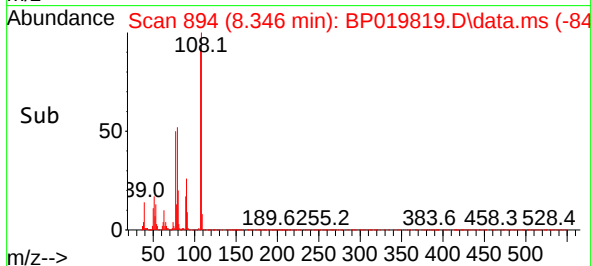
Instrument :
BNA_P
ClientSampleId :
PB159185BS



Tgt Ion:107 Resp: 194514
Ion Ratio Lower Upper
107 100
108 108.8 87.0 130.6
77 54.3 43.5 65.3
79 57.1 43.6 65.4

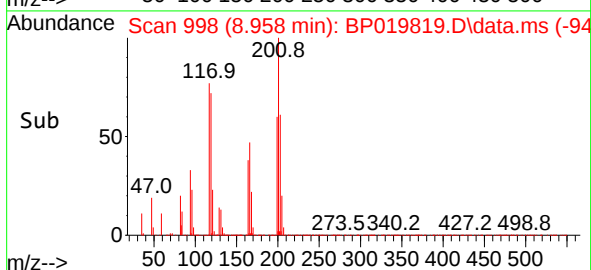
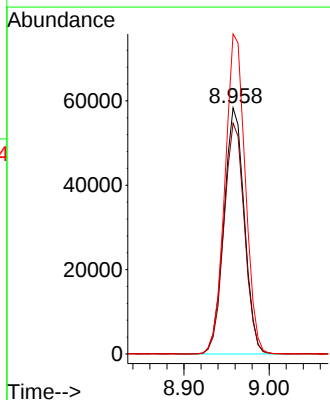
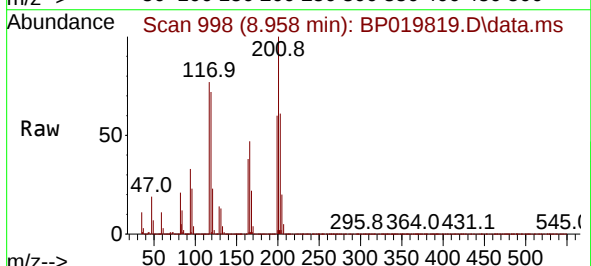
Manual Integrations
APPROVED

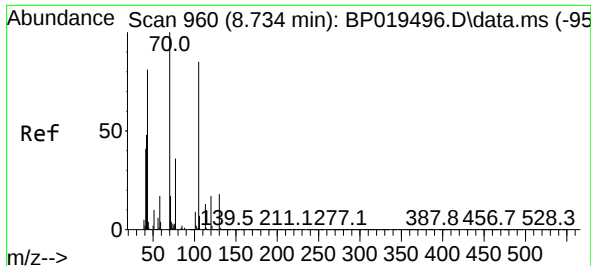
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#18
Hexachloroethane
Concen: 42.624 ng
RT: 8.958 min Scan# 998
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

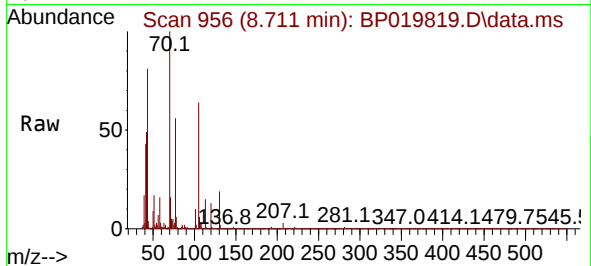
Tgt Ion:117 Resp: 97466
Ion Ratio Lower Upper
117 100
119 93.8 75.5 113.3
201 130.0 99.4 149.2





#19
n-Nitroso-di-n-propylamine
Concen: 43.187 ng
RT: 8.711 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

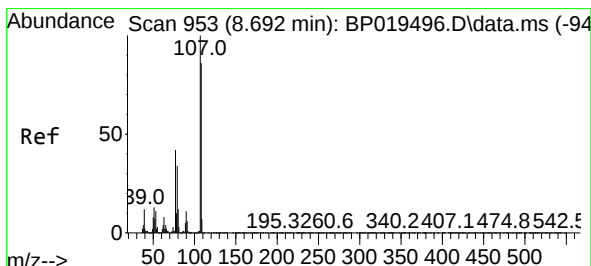
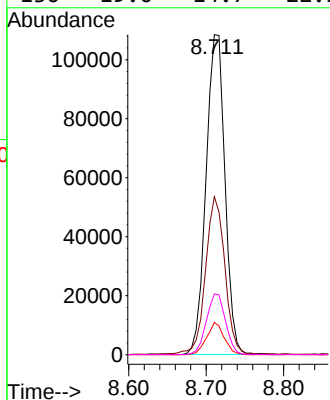
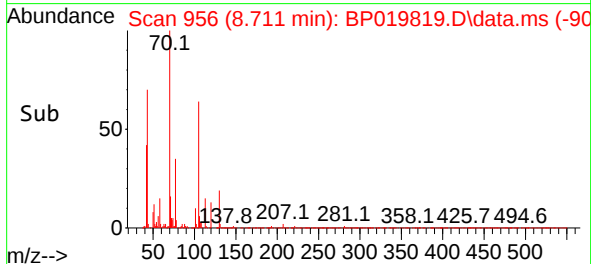
Instrument :
BNA_P
ClientSampleId :
PB159185BS



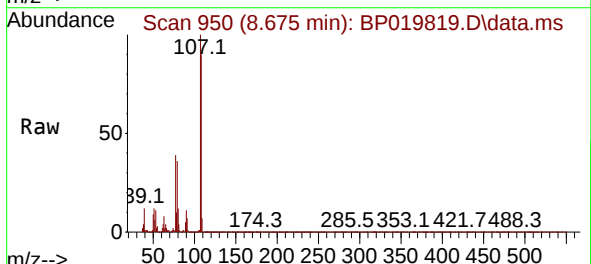
Tgt Ion: 70 Resp: 18436
Ion Ratio Lower Upper
70 100
42 49.3 39.2 58.8
101 10.1 7.3 10.9
130 19.0 14.7 22.1

Manual Integrations
APPROVED

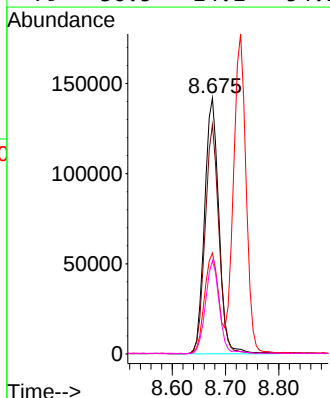
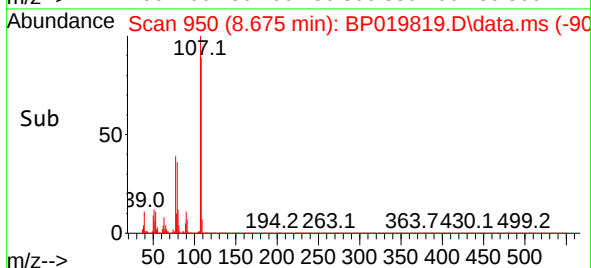
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024

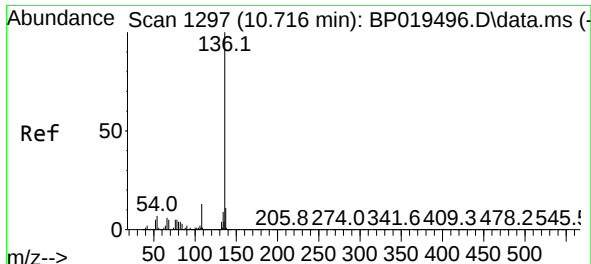


#20
3+4-Methylphenols
Concen: 46.154 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54



Tgt Ion:107 Resp: 264154
Ion Ratio Lower Upper
107 100
108 89.6 65.5 105.5
77 39.5 21.8 61.8
79 36.5 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

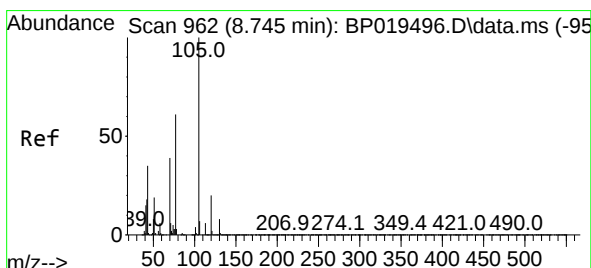
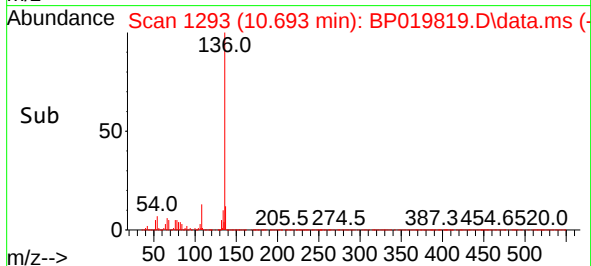
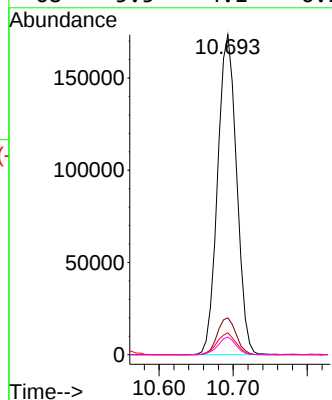
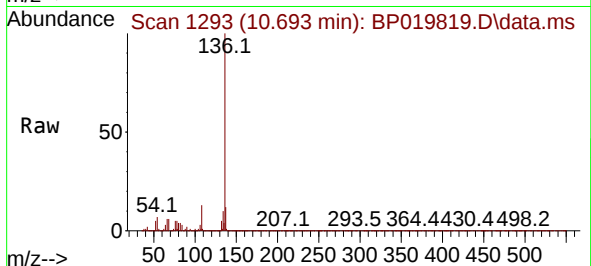
PB159185BS

Tgt Ion:136 Resp: 30865
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 6.8 5.3 7.9
68 5.5 4.1 6.1

Manual Integrations

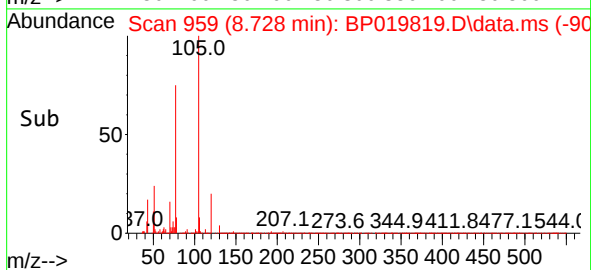
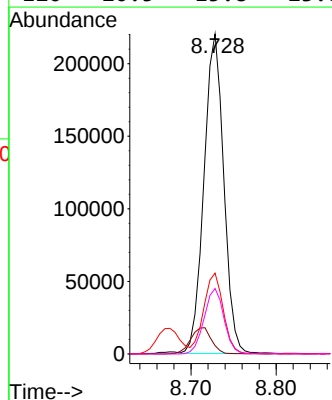
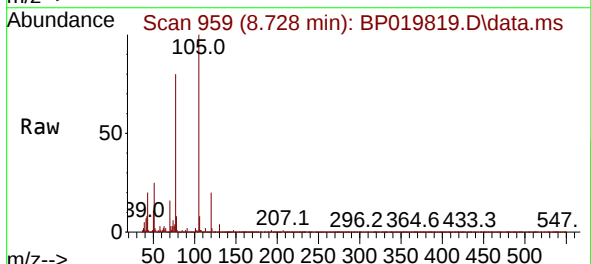
APPROVED

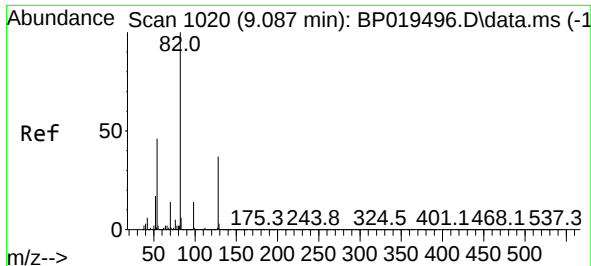
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#22
Acetophenone
Concen: 40.426 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:105 Resp: 355471
Ion Ratio Lower Upper
105 100
71 2.6 4.9 7.3#
51 25.2 20.7 31.1
120 20.5 15.8 23.8





#23
Nitrobenzene-d5
Concen: 78.492 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

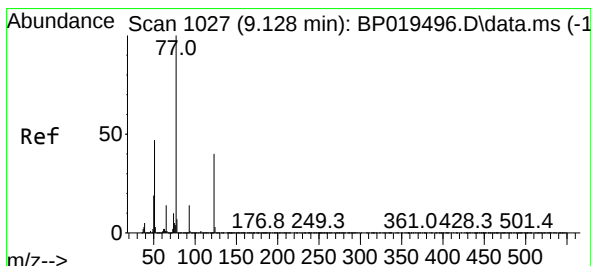
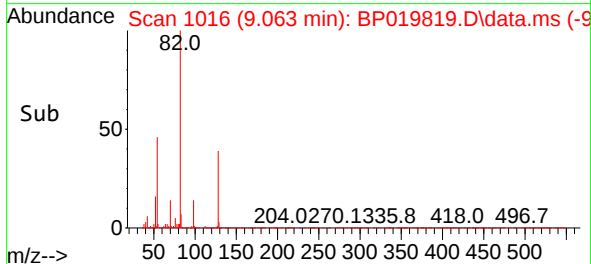
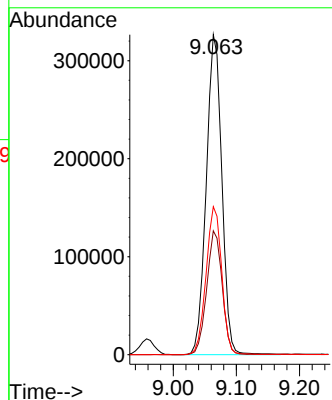
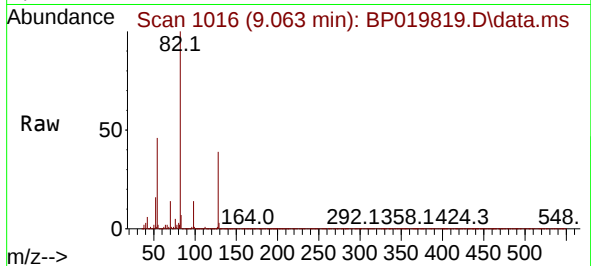
ClientSampleId :

PB159185BS

Tgt Ion: 82 Resp: 55910
Ion Ratio Lower Upper
82 100
128 38.7 29.7 44.5
54 46.2 36.8 55.2

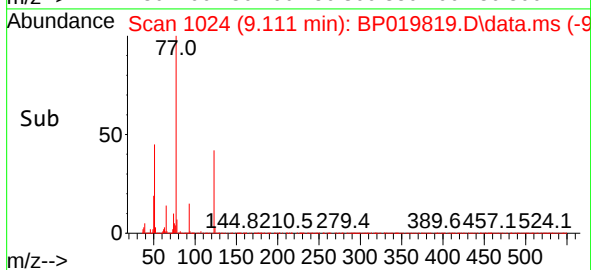
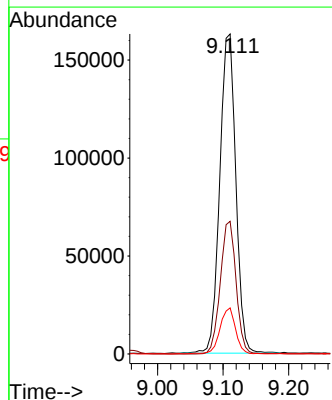
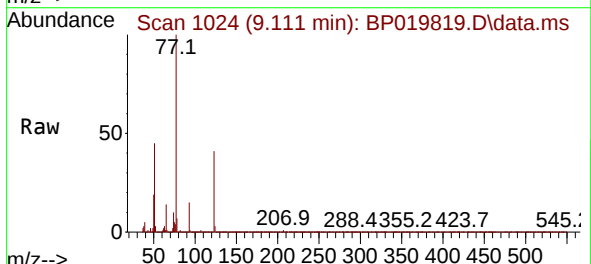
Manual Integrations
APPROVED

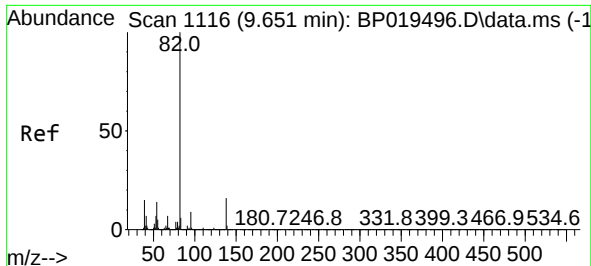
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#24
Nitrobenzene
Concen: 38.500 ng
RT: 9.111 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion: 77 Resp: 276115
Ion Ratio Lower Upper
77 100
123 41.5 32.3 48.5
65 14.4 11.6 17.4





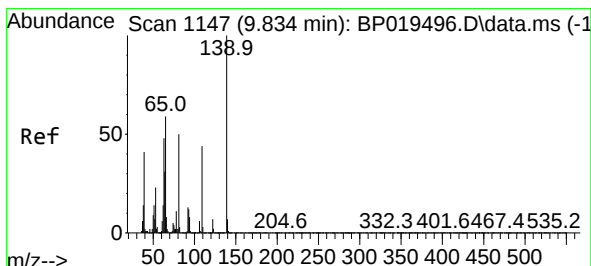
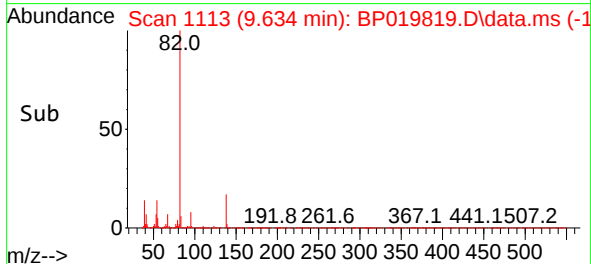
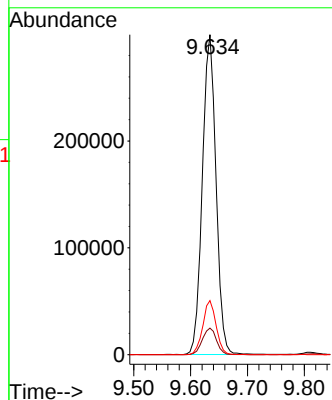
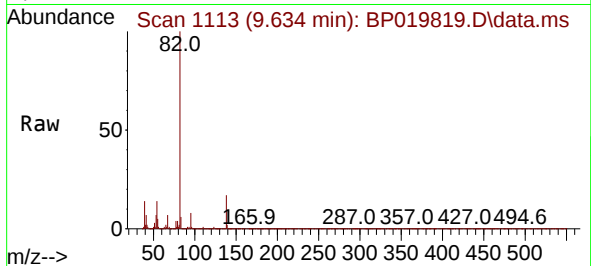
#25
Isophorone
Concen: 40.251 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159185BS

Tgt Ion: 82 Resp: 499330
Ion Ratio Lower Upper
82 100
95 8.3 7.0 10.4
138 16.9 13.1 19.7

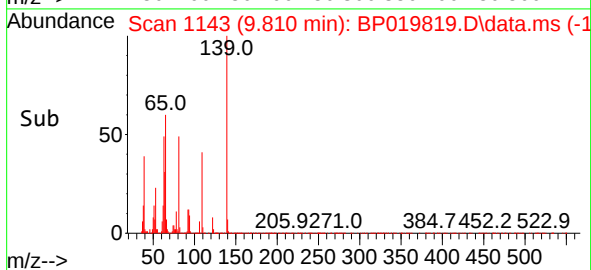
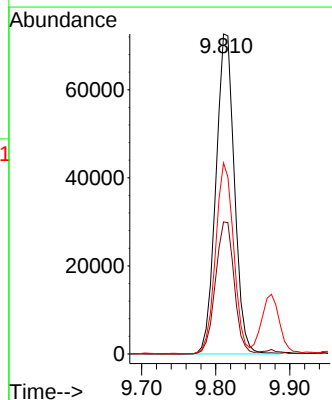
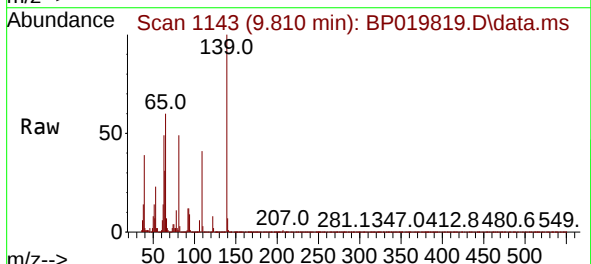
Manual Integrations
APPROVED

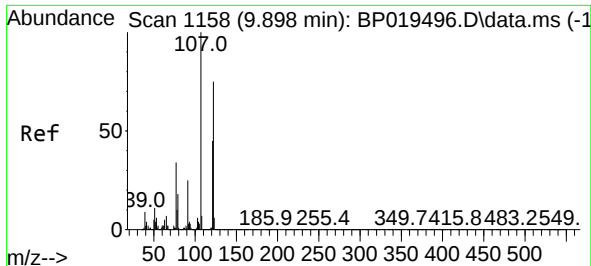
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#26
2-Nitrophenol
Concen: 46.196 ng
RT: 9.810 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:139 Resp: 126327
Ion Ratio Lower Upper
139 100
109 41.2 34.9 52.3
65 59.7 47.5 71.3





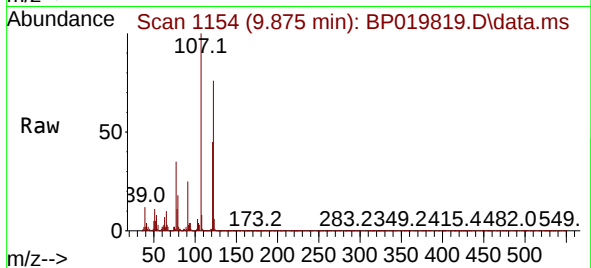
#27
2,4-Dimethylphenol
Concen: 49.441 ng
RT: 9.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159185BS



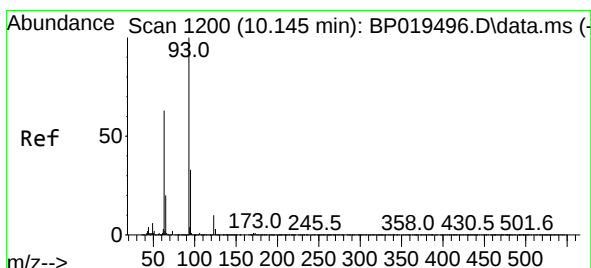
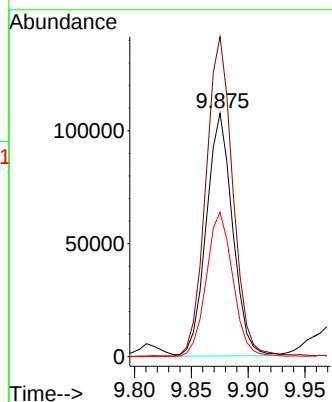
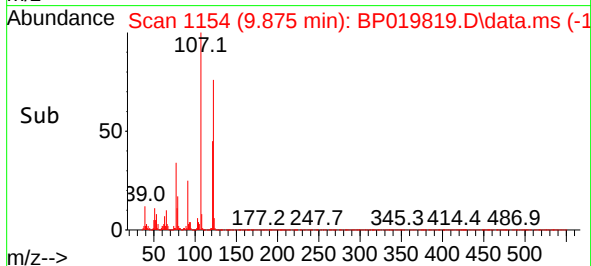
Tgt Ion:122 Resp: 172879
Ion Ratio Lower Upper
122 100
107 131.5 105.9 158.9
121 59.3 47.5 71.3

Manual Integrations

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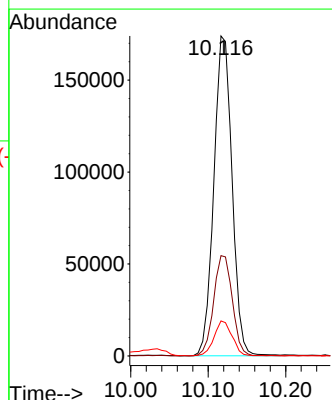
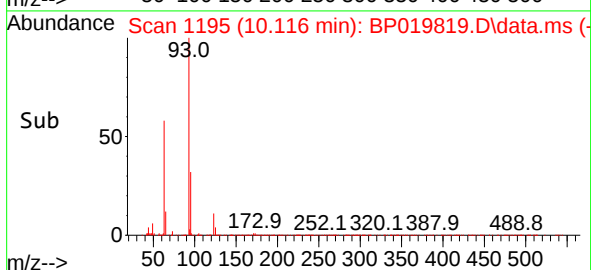
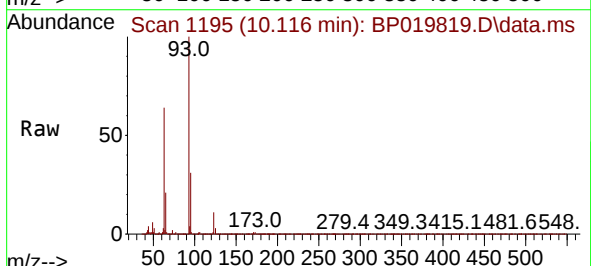
Reviewed By :Yogesh Patel 02/23/2024

Supervised By :mohammad ahmed 02/23/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.451 ng
RT: 10.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion: 93 Resp: 283919
Ion Ratio Lower Upper
93 100
95 31.4 26.2 39.4
123 11.0 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 48.348 ng

RT: 10.346 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159185BS

Tgt Ion:162 Resp: 25555

Ion Ratio Lower Upper

162 100

164 65.9 46.0 86.0

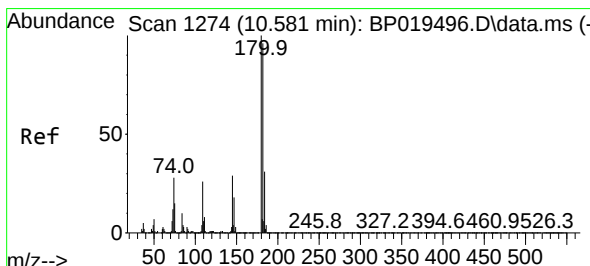
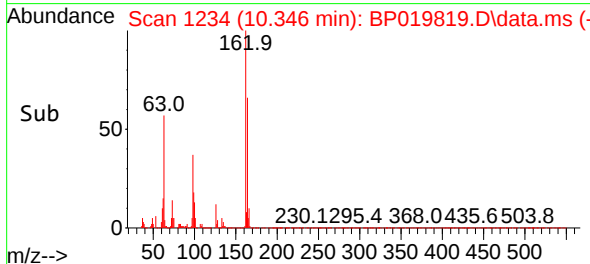
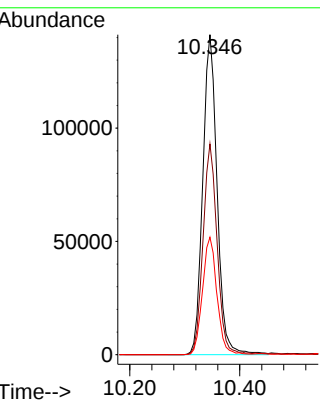
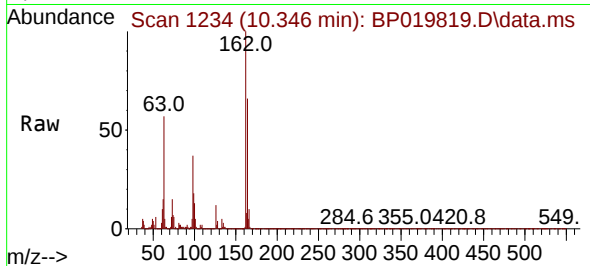
98 36.7 18.7 58.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/23/2024

Supervised By :mohammad ahmed 02/23/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.684 ng

RT: 10.552 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

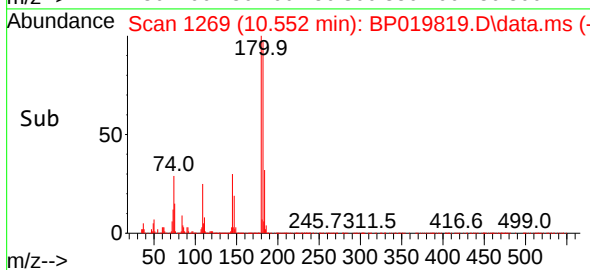
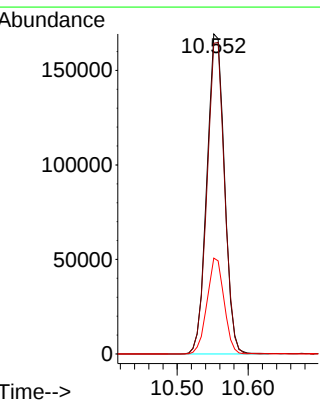
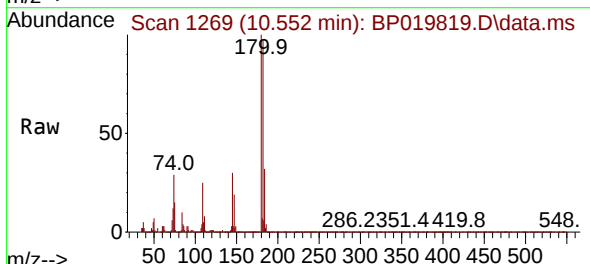
Tgt Ion:180 Resp: 289598

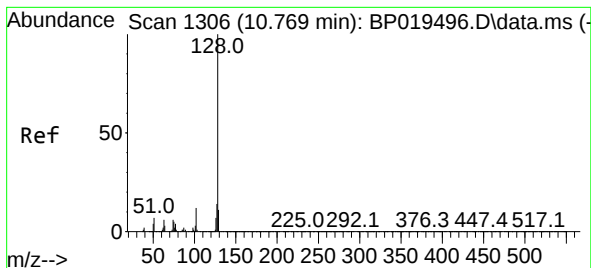
Ion Ratio Lower Upper

180 100

182 97.1 77.0 115.6

145 29.9 23.2 34.8





#31
Naphthalene
Concen: 43.466 ng
RT: 10.740 min Scan# 1180
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

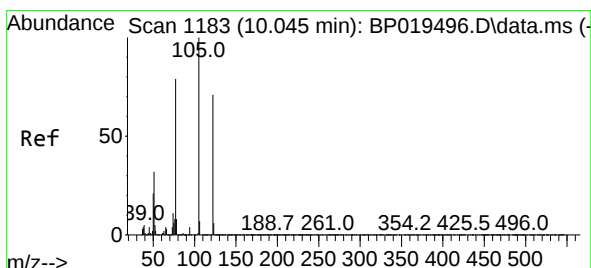
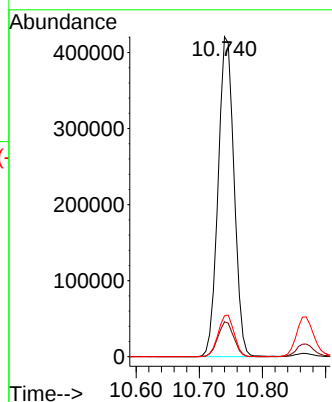
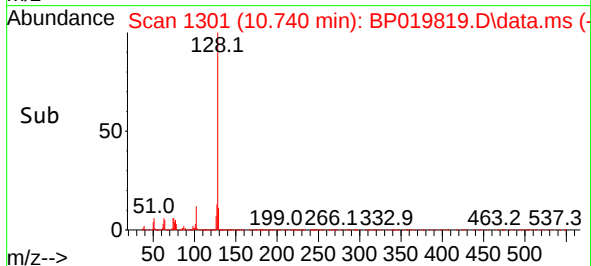
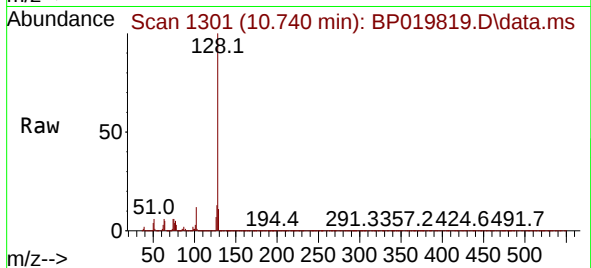
PB159185BS

Tgt Ion:128 Resp: 735798
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.8 10.8 16.2

Manual Integrations

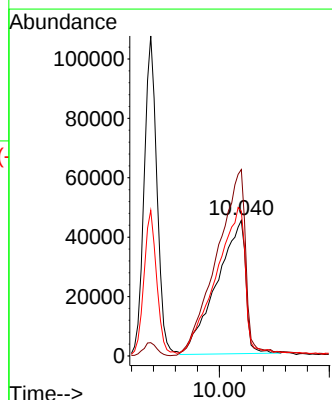
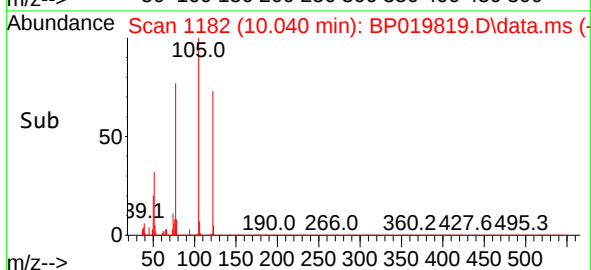
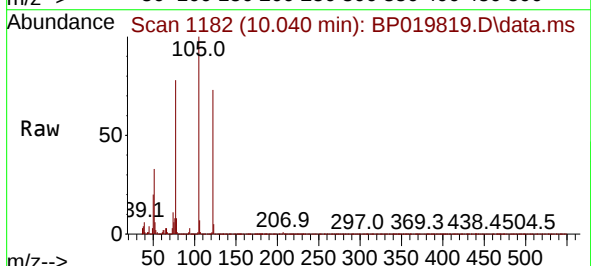
APPROVED

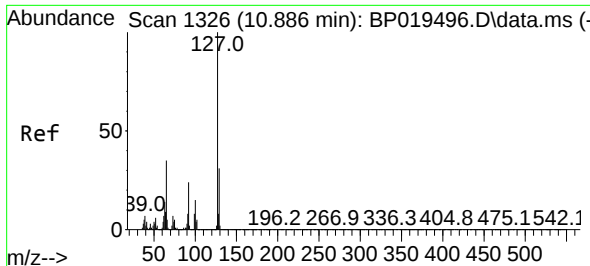
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#32
Benzoic acid
Concen: 48.063 ng
RT: 10.040 min Scan# 1182
Delta R.T. 0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:122 Resp: 163745
Ion Ratio Lower Upper
122 100
105 137.5 118.8 158.8
77 106.9 91.7 131.7





#33
4-Chloroaniline
Concen: 16.989 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

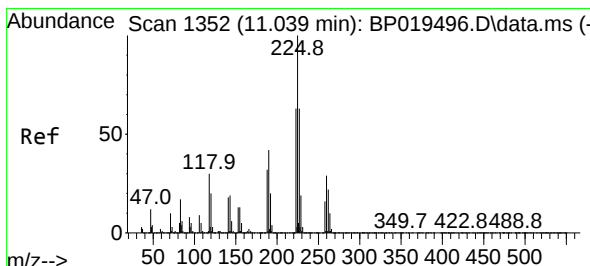
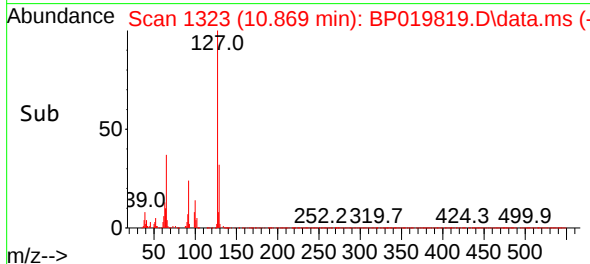
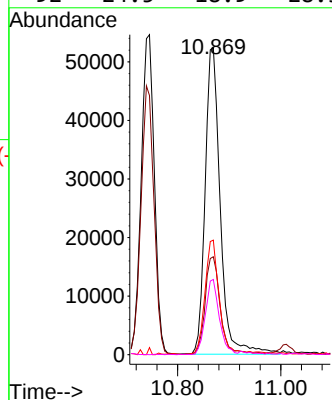
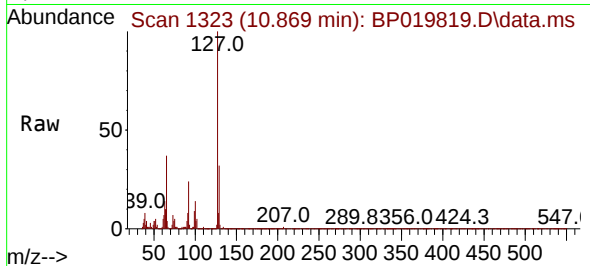
ClientSampleId :

PB159185BS

Tgt Ion:127 Resp: 106359
Ion Ratio Lower Upper
127 100
129 31.9 24.6 36.8
65 37.3 28.2 42.4
92 24.5 18.9 28.3

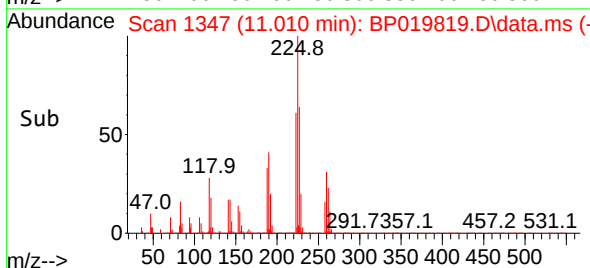
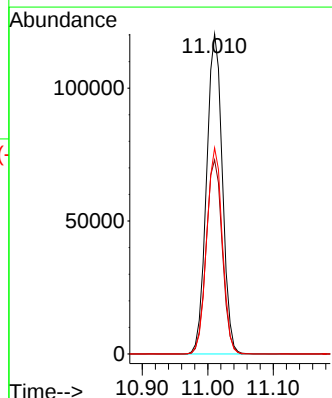
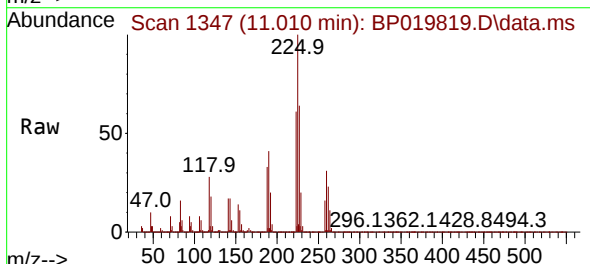
Manual Integrations
APPROVED

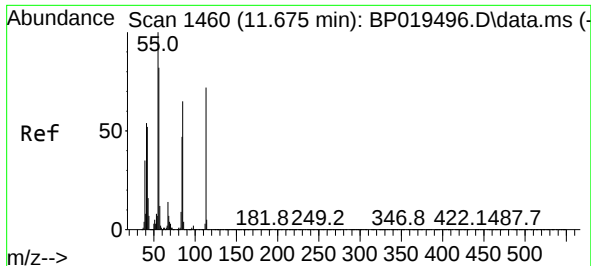
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#34
Hexachlorobutadiene
Concen: 41.987 ng
RT: 11.010 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

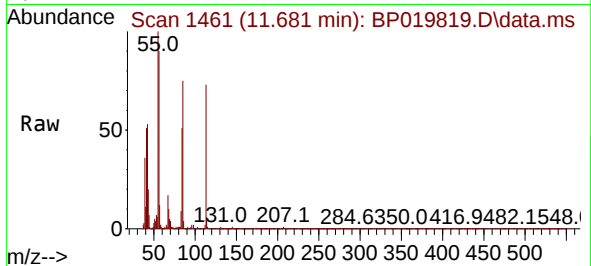
Tgt Ion:225 Resp: 201649
Ion Ratio Lower Upper
225 100
223 60.7 50.5 75.7
227 64.4 50.2 75.2





#35
Caprolactam
Concen: 48.361 ng
RT: 11.681 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

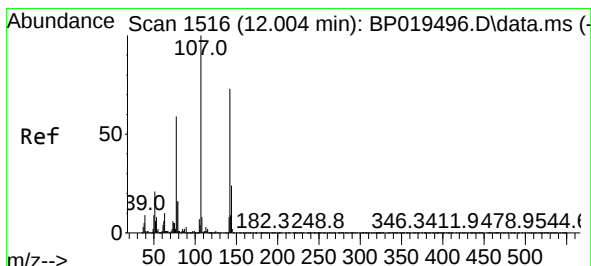
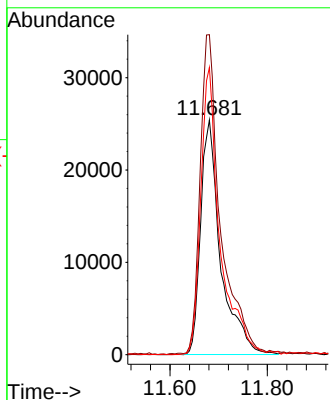
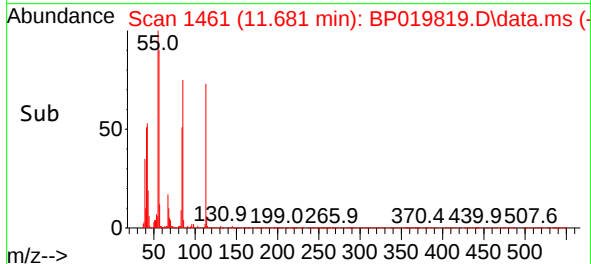
Instrument :
BNA_P
ClientSampleId :
PB159185BS



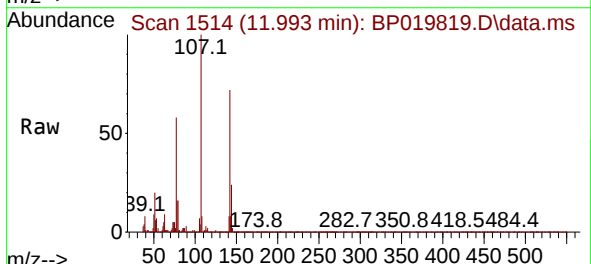
Tgt Ion:113 Resp: 72360
Ion Ratio Lower Upper
113 100
55 136.4 120.0 160.0
56 122.3 94.0 134.0

Manual Integrations
APPROVED

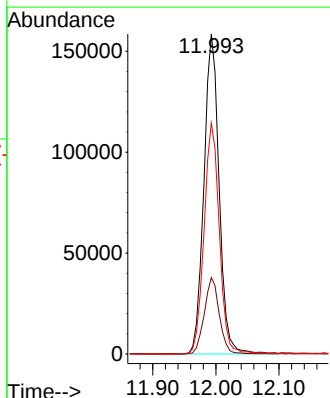
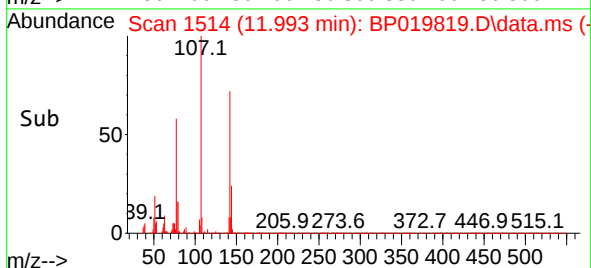
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024

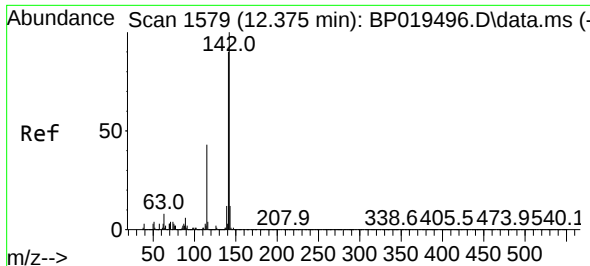


#36
4-Chloro-3-methylphenol
Concen: 46.087 ng
RT: 11.993 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54



Tgt Ion:107 Resp: 265625
Ion Ratio Lower Upper
107 100
144 23.9 19.0 28.4
142 72.1 58.6 88.0





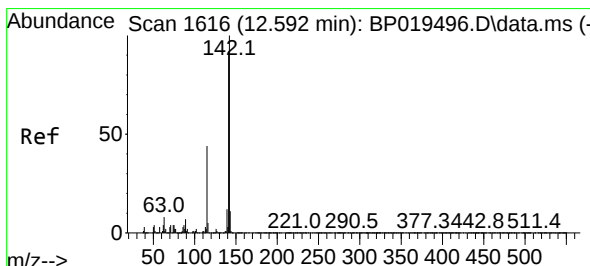
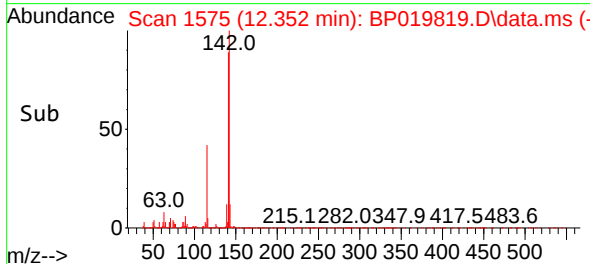
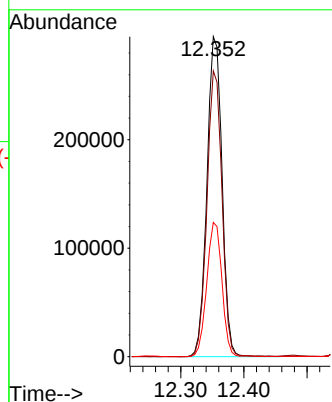
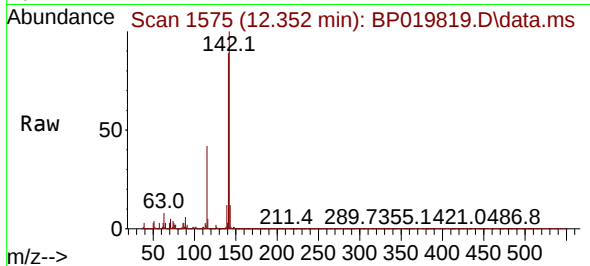
#37
2-Methylnaphthalene
Concen: 41.793 ng
RT: 12.352 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159185BS

Tgt Ion:142 Resp: 48961
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.4
115 42.0 34.2 51.2

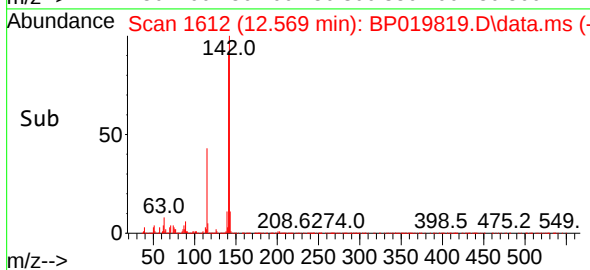
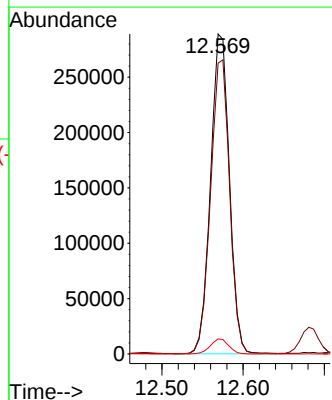
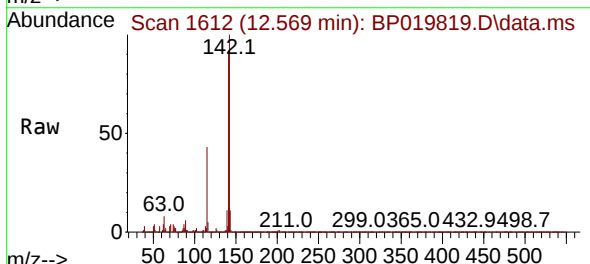
Manual Integrations
APPROVED

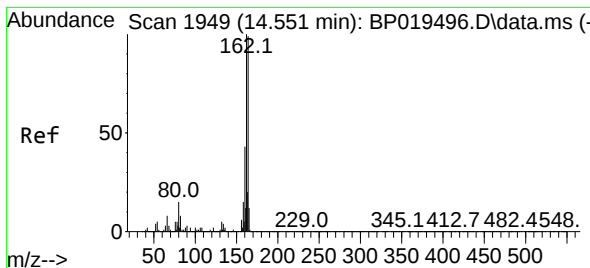
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#38
1-Methylnaphthalene
Concen: 40.465 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:142 Resp: 465855
Ion Ratio Lower Upper
142 100
141 90.9 74.0 111.0
116 4.7 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.528 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BP019819.D

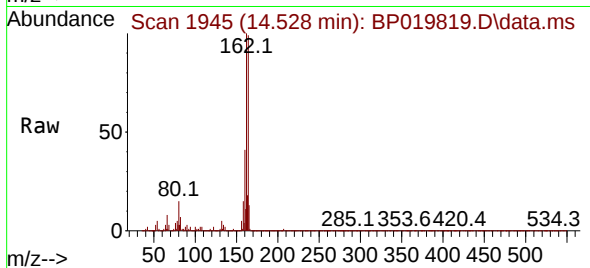
Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159185BS



Tgt Ion:164 Resp: 197368

Ion Ratio Lower Upper

164 100

162 100.9 81.2 121.8

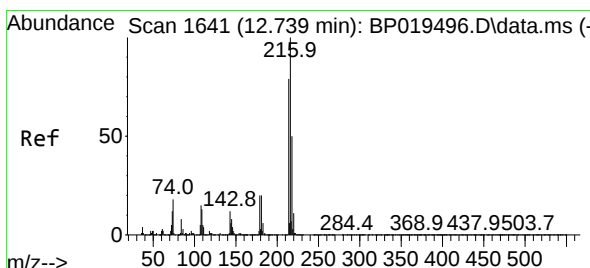
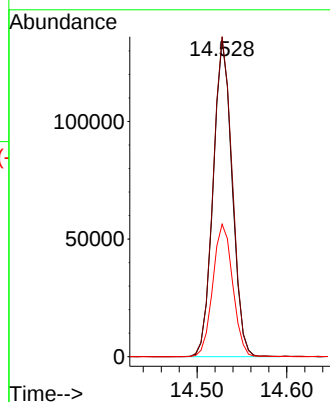
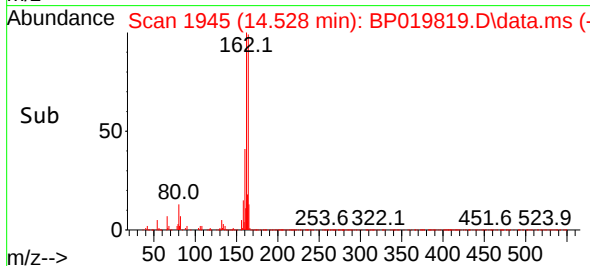
160 41.8 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/23/2024

Supervised By :mohammad ahmed 02/23/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.804 ng

RT: 12.716 min Scan# 1637

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Tgt Ion:216 Resp: 348647

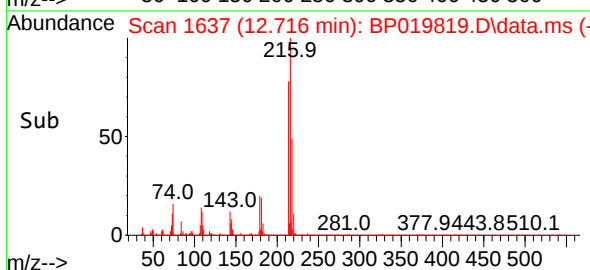
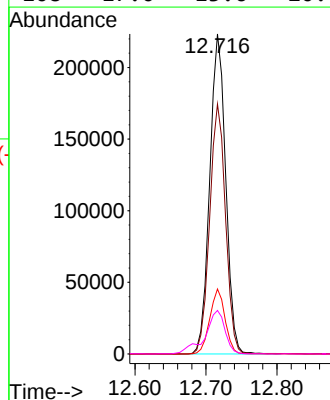
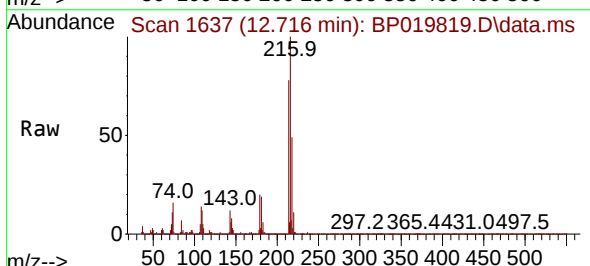
Ion Ratio Lower Upper

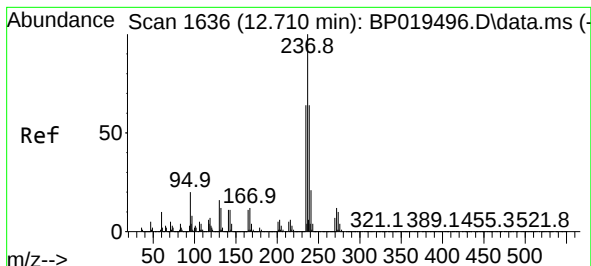
216 100

214 77.6 62.8 94.2

179 19.5 16.6 24.8

108 17.0 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 114.907 ng

RT: 12.681 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159185BS

Tgt Ion:237 Resp: 39512

Ion Ratio Lower Upper

237 100

235 63.8 43.7 83.7

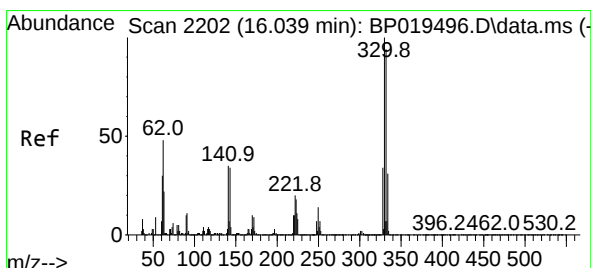
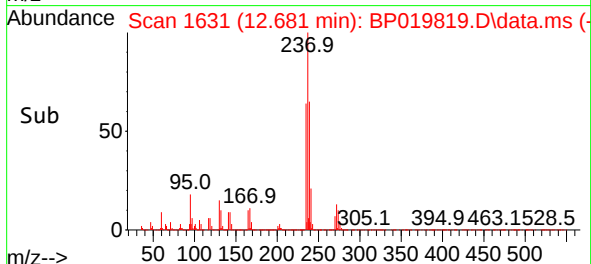
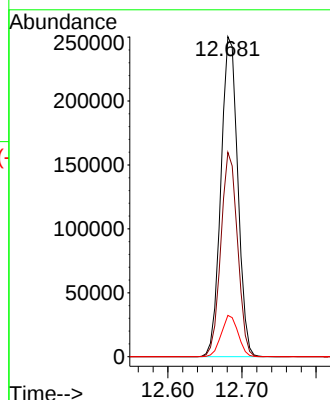
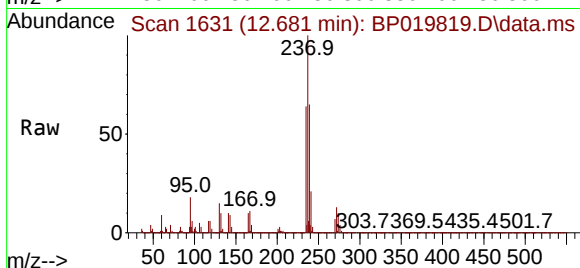
272 12.9 0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/23/2024

Supervised By :mohammad ahmed 02/23/2024



#42

2,4,6-Tribromophenol

Concen: 173.823 ng

RT: 16.028 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

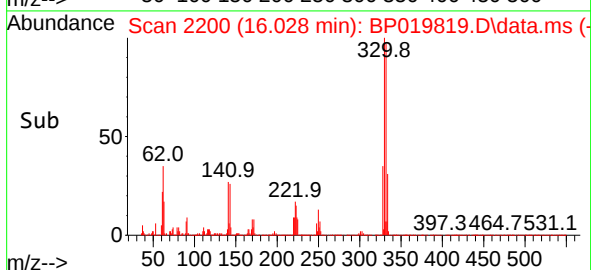
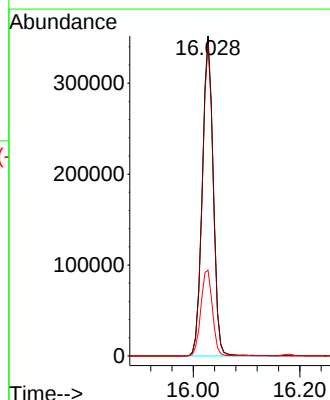
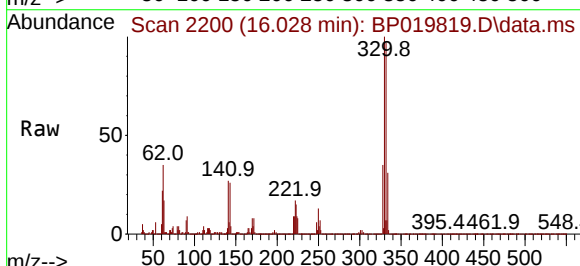
Tgt Ion:330 Resp: 500908

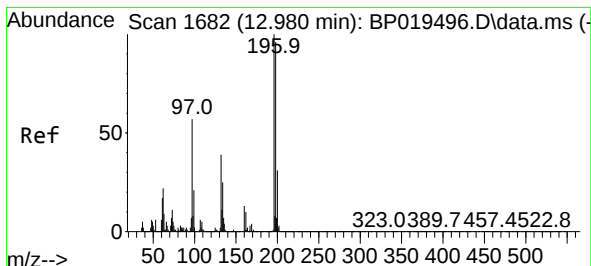
Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

141 28.3 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 48.528 ng

RT: 12.963 min Scan# 1692

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159185BS

Tgt Ion:196 Resp: 22367

Ion Ratio Lower Upper

196 100

198 94.4 76.7 115.1

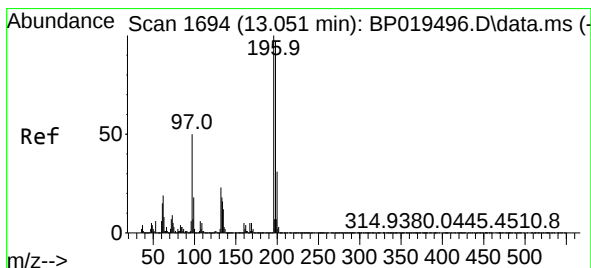
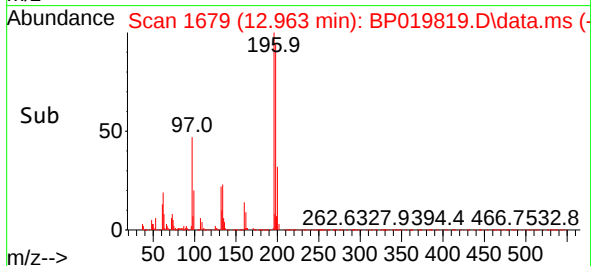
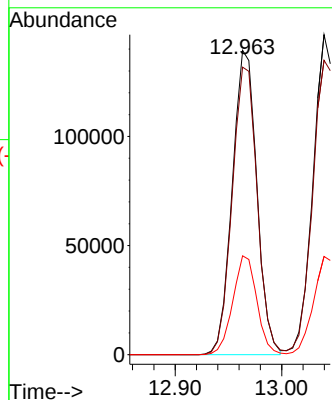
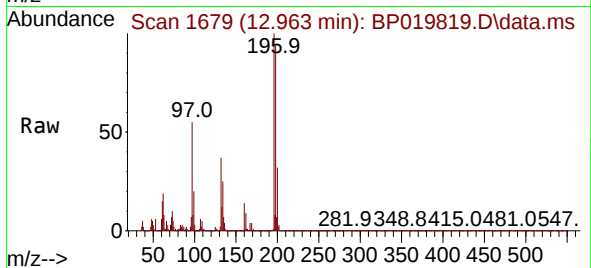
200 32.5 24.6 36.8

Manual Integrations

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Reviewed By :Yogesh Patel 02/23/2024

Supervised By :mohammad ahmed 02/23/2024



#44

2,4,5-Trichlorophenol

Concen: 48.647 ng

RT: 13.040 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Tgt Ion:196 Resp: 246210

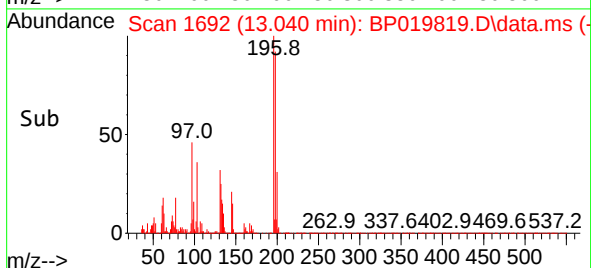
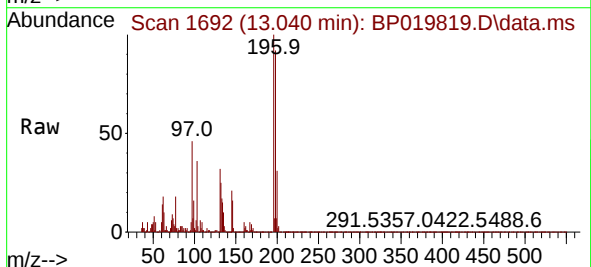
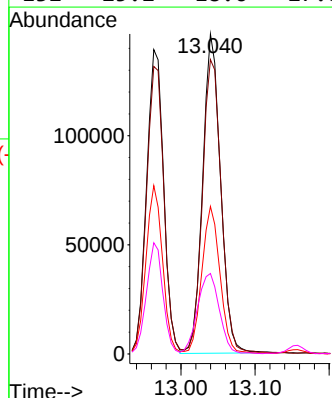
Ion Ratio Lower Upper

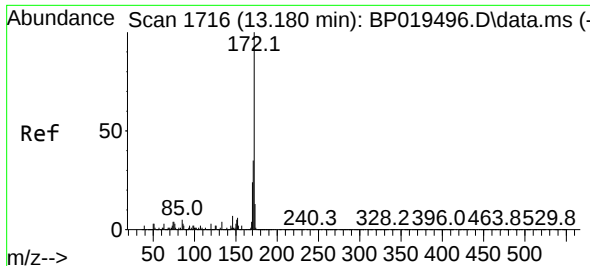
196 100

198 92.0 77.5 116.3

97 46.1 39.9 59.9

132 25.2 18.6 27.8





#45
2-Fluorobiphenyl
Concen: 84.625 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159185BS

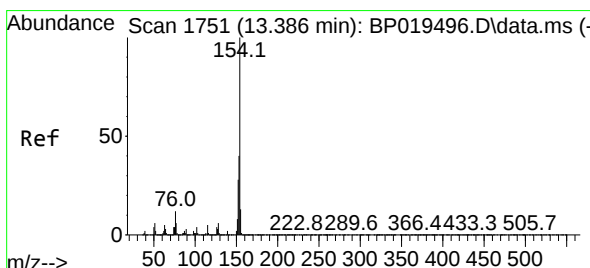
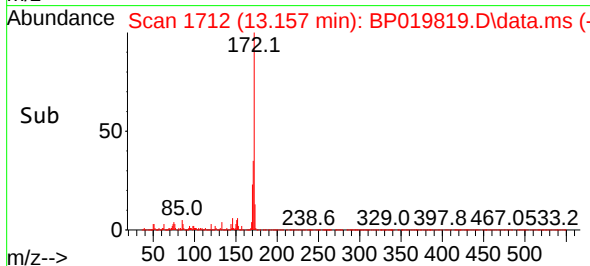
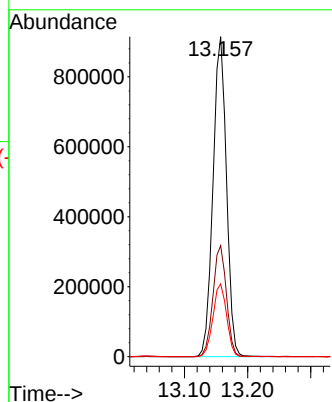
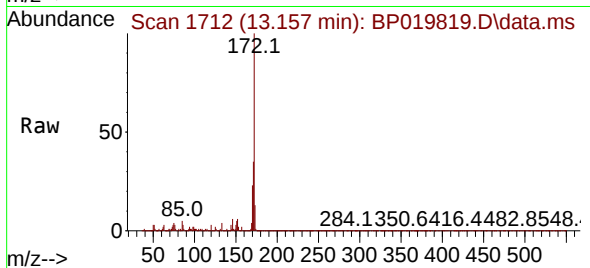
Tgt Ion:172 Resp: 1351069
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 22.8 18.9 28.3

Manual Integrations

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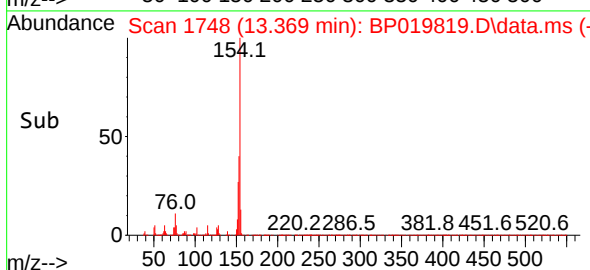
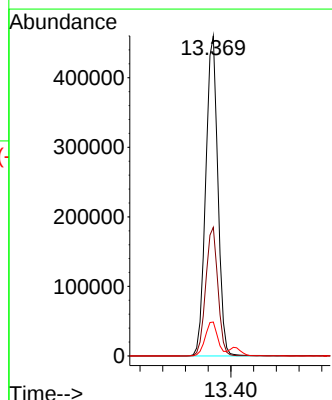
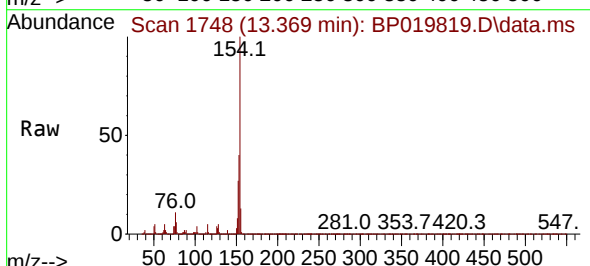
Reviewed By :Yogesh Patel 02/23/2024

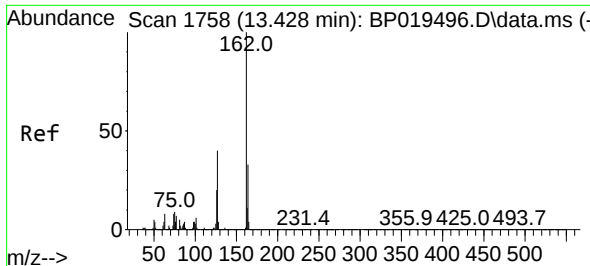
Supervised By :mohammad ahmed 02/23/2024



#46
1,1'-Biphenyl
Concen: 43.162 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:154 Resp: 679911
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 10.6 0.0 31.6





#47
2-Chloronaphthalene
Concen: 41.511 ng
RT: 13.404 min Scan# 1754
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

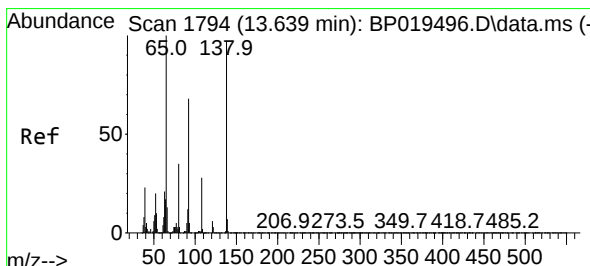
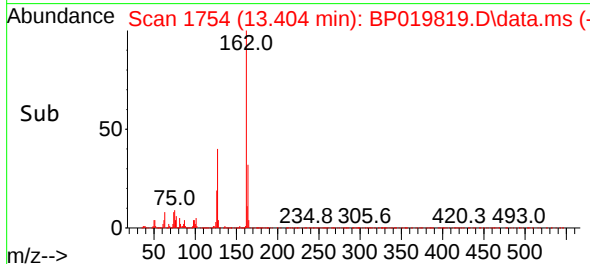
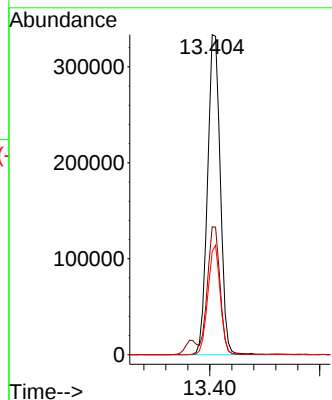
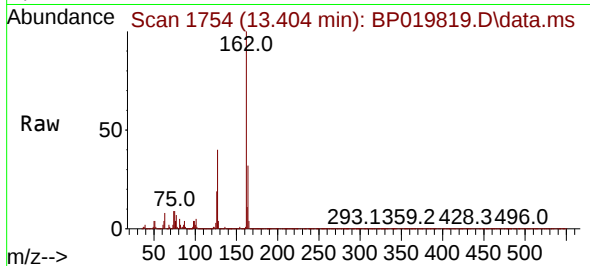
ClientSampleId :

PB159185BS

Tgt Ion:162 Resp: 536780
Ion Ratio Lower Upper
162 100
127 39.9 32.1 48.1
164 32.2 26.7 40.1

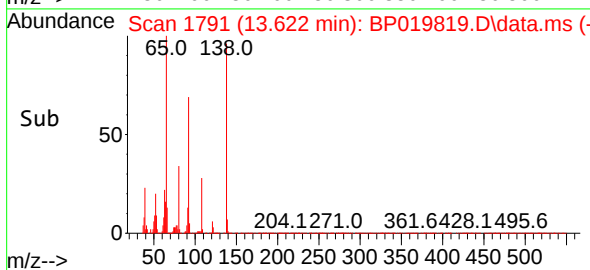
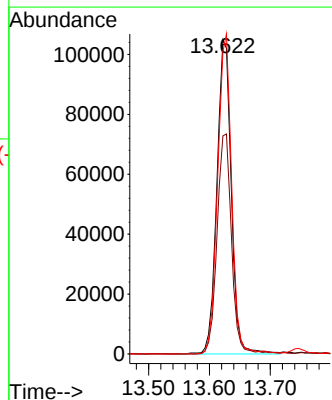
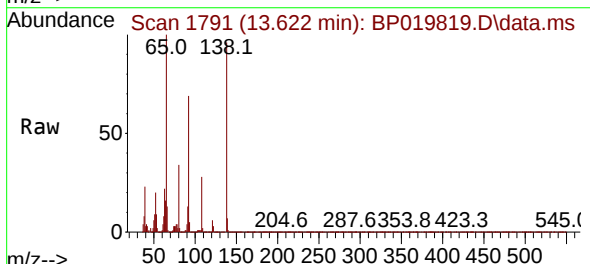
Manual Integrations
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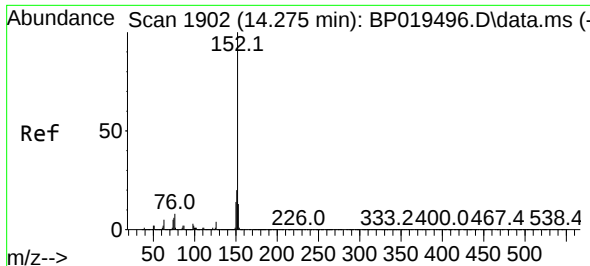
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#48
2-Nitroaniline
Concen: 47.502 ng
RT: 13.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

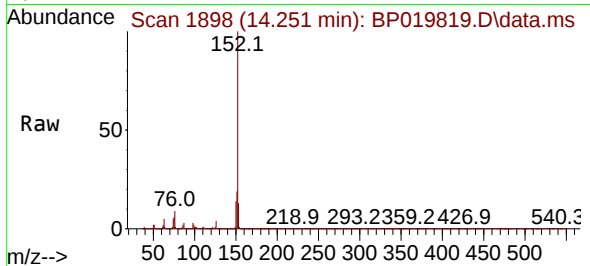
Tgt Ion: 65 Resp: 171757
Ion Ratio Lower Upper
65 100
92 69.4 54.7 82.1
138 96.3 77.8 116.6





#49
Acenaphthylene
Concen: 47.635 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

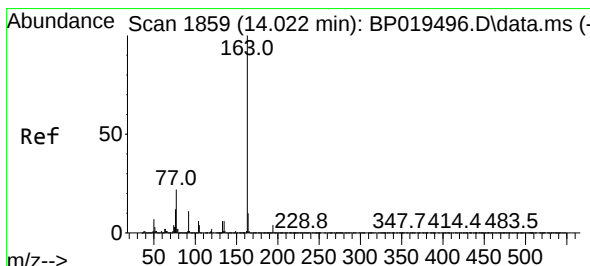
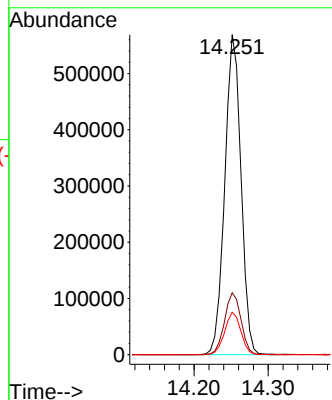
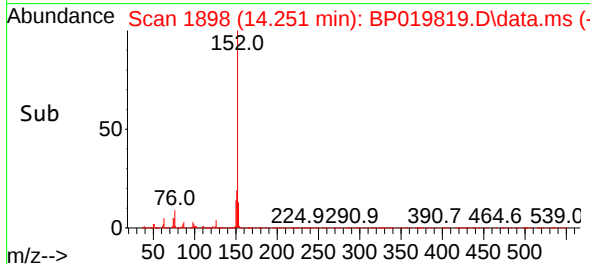
Instrument :
BNA_P
ClientSampleId :
PB159185BS



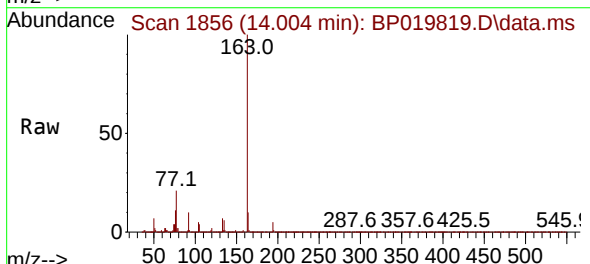
Tgt Ion:152 Resp: 86418
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 13.2 10.6 15.8

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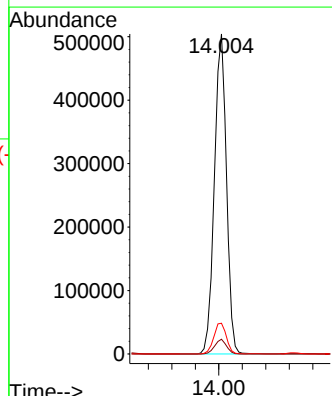
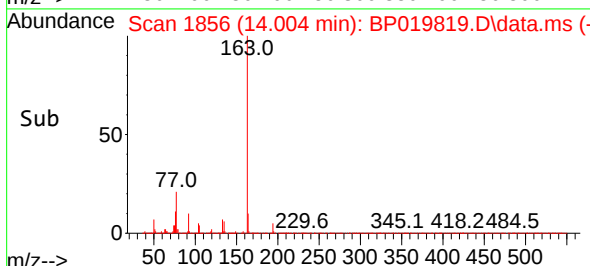
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024

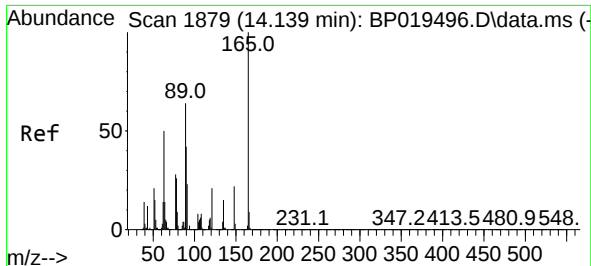


#50
Dimethylphthalate
Concen: 47.496 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54



Tgt Ion:163 Resp: 717621
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 9.6 7.8 11.6





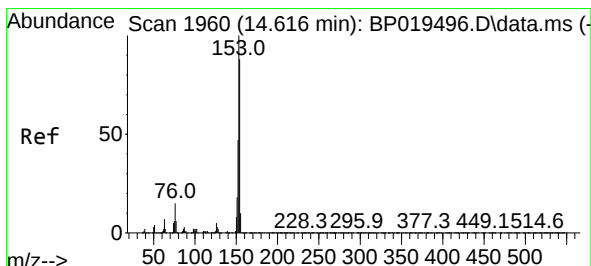
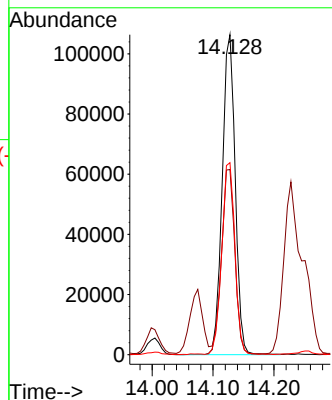
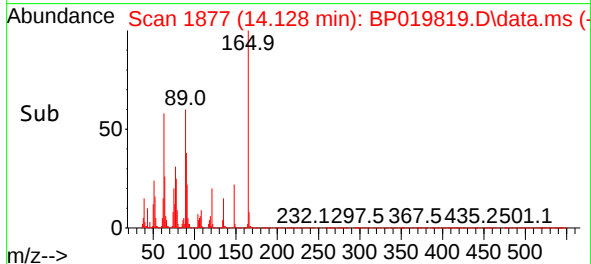
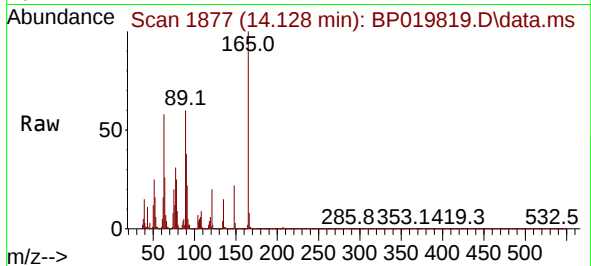
#51
2,6-Dinitrotoluene
Concen: 47.349 ng
RT: 14.128 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159185BS

Tgt Ion:165 Resp: 157179
Ion Ratio Lower Upper
165 100
63 57.9 50.4 75.6
89 60.0 51.7 77.5

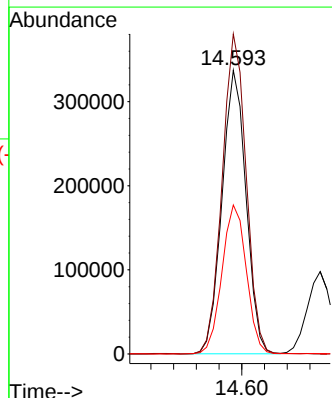
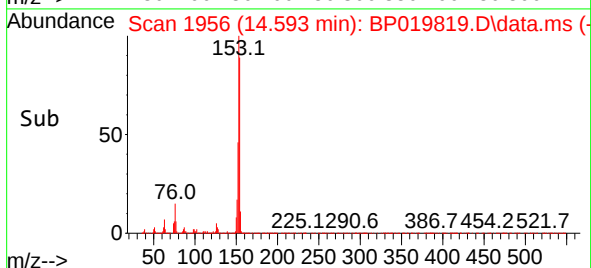
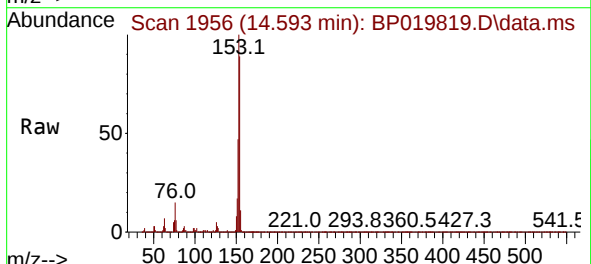
Manual Integrations
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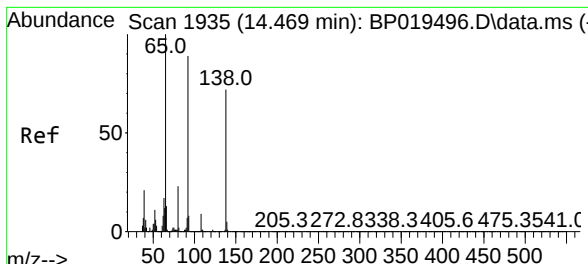
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#52
Acenaphthene
Concen: 43.976 ng
RT: 14.593 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:154 Resp: 495157
Ion Ratio Lower Upper
154 100
153 112.8 90.5 135.7
152 52.5 42.1 63.1





#53
3-Nitroaniline
Concen: 34.960 ng
RT: 14.457 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

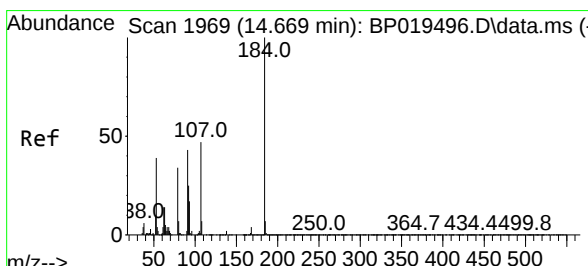
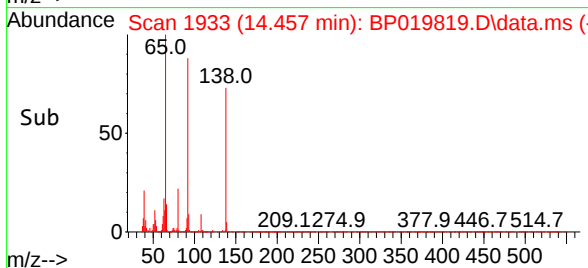
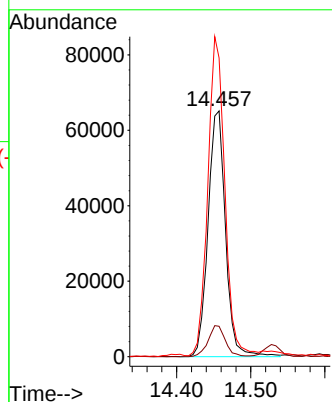
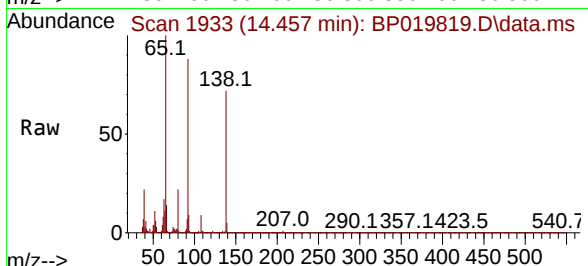
Instrument :
BNA_P
ClientSampleId :
PB159185BS

Tgt Ion:138 Resp: 10665

Ion	Ratio	Lower	Upper
138	100		
108	12.4	9.7	14.5
92	121.5	98.0	147.0

Manual Integrations
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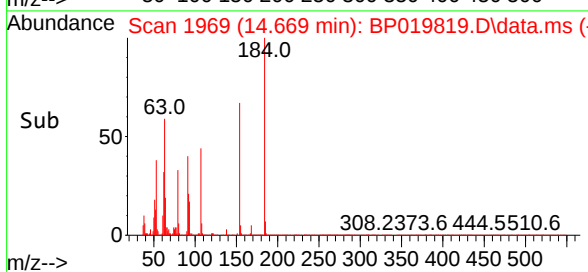
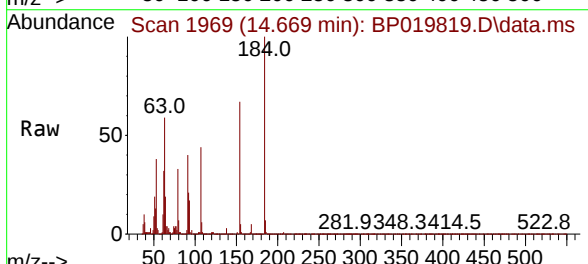
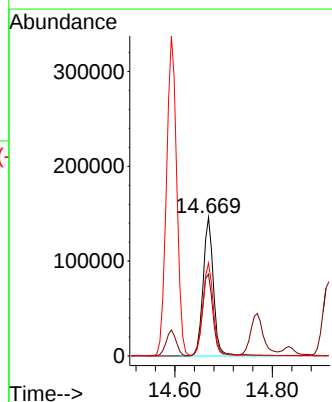
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024

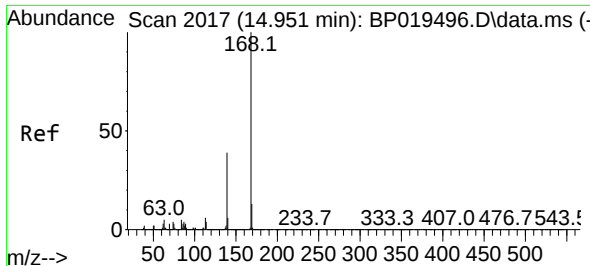


#54
2,4-Dinitrophenol
Concen: 126.072 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:184 Resp: 217293

Ion	Ratio	Lower	Upper
184	100		
63	59.0	50.5	75.7
154	67.1	53.4	80.0





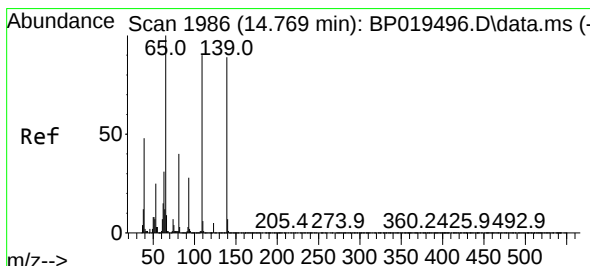
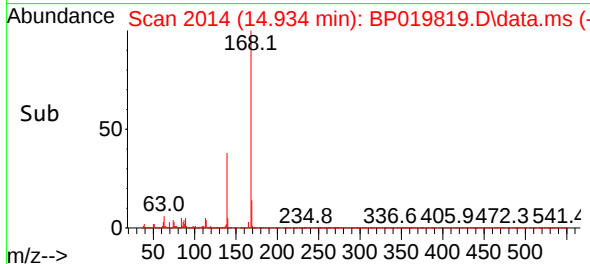
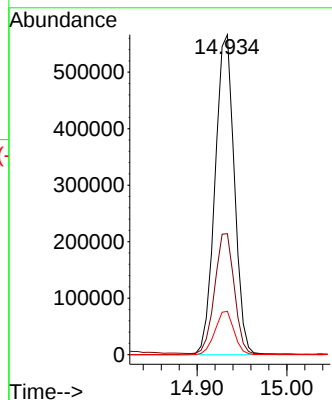
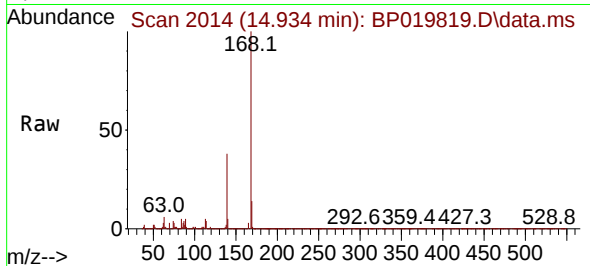
#55
Dibenzenofuran
Concen: 46.036 ng
RT: 14.934 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159185BS

Tgt Ion:168 Resp: 84425
Ion Ratio Lower Upper
168 100
139 37.8 31.5 47.3
169 13.5 10.3 15.5

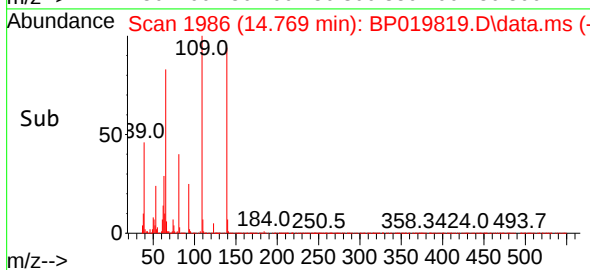
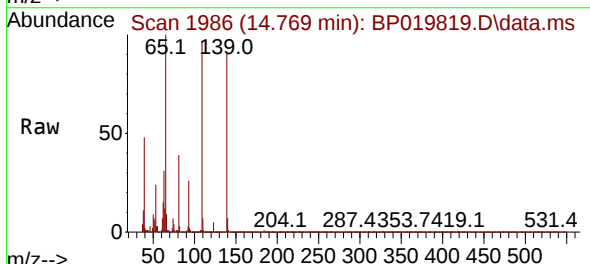
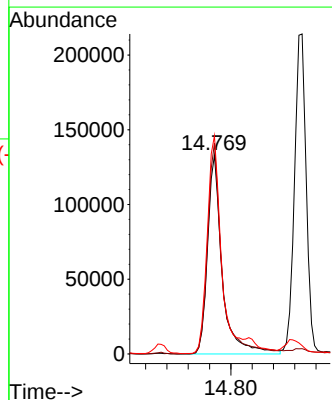
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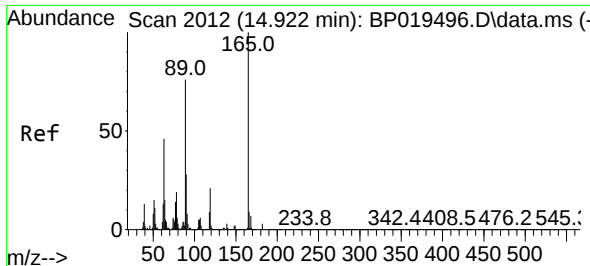
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#56
4-Nitrophenol
Concen: 101.623 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:139 Resp: 254104
Ion Ratio Lower Upper
139 100
109 106.0 82.0 122.0
65 109.8 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 51.965 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

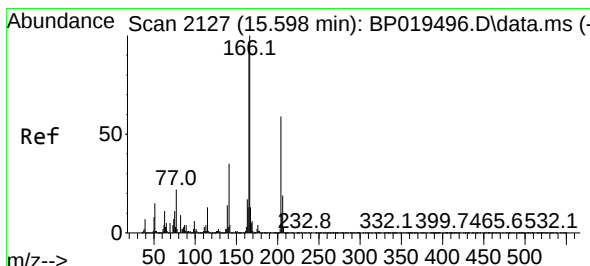
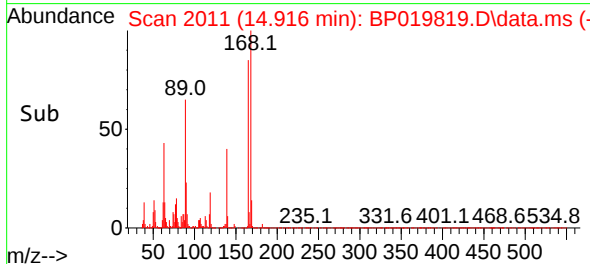
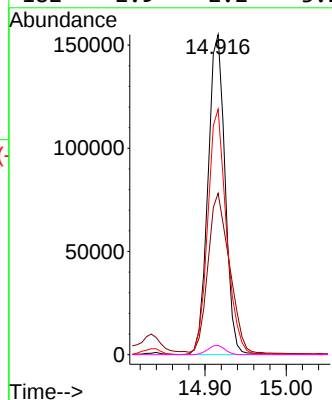
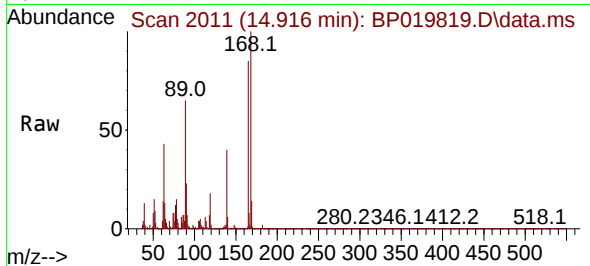
ClientSampleId :

PB159185BS

Tgt Ion:165 Resp: 22605
Ion Ratio Lower Upper
165 100
63 50.4 36.9 55.3
89 76.7 61.1 91.7
182 2.9 2.2 3.2

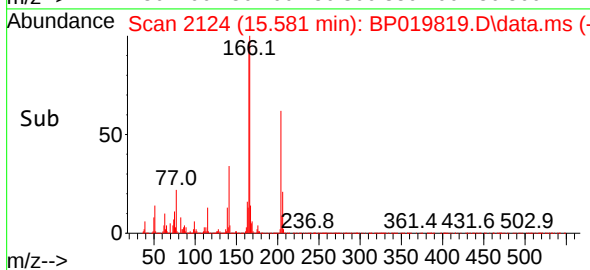
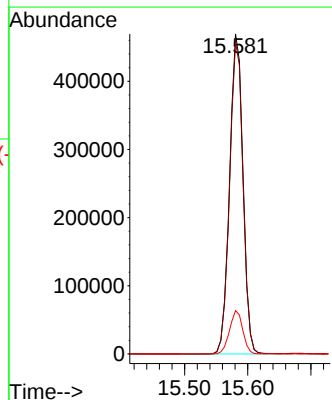
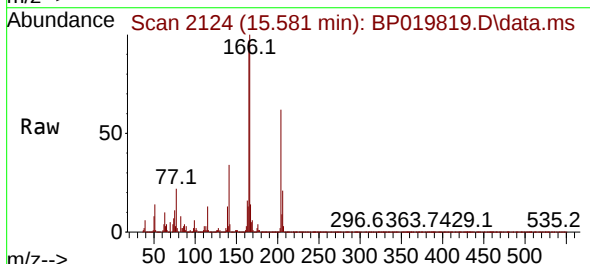
Manual Integrations
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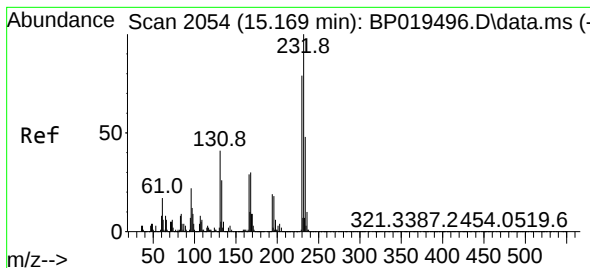
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#58
Fluorene
Concen: 47.317 ng
RT: 15.581 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:166 Resp: 691137
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 13.6 10.7 16.1





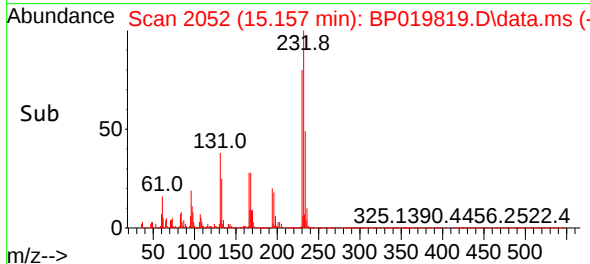
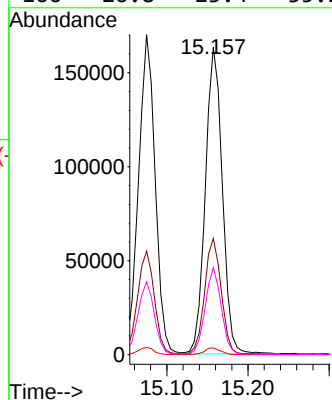
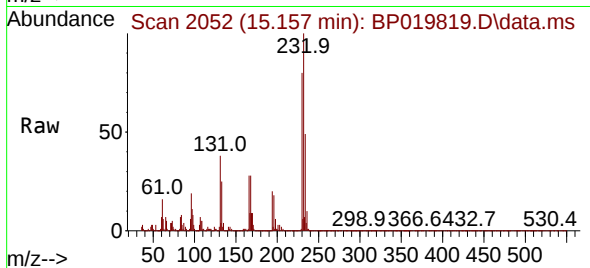
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.672 ng
RT: 15.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159185BS

Tgt Ion:232 Resp: 237001
Ion Ratio Lower Upper
232 100
131 36.9 32.4 48.6
130 2.1 1.9 2.9
166 26.8 23.4 35.2

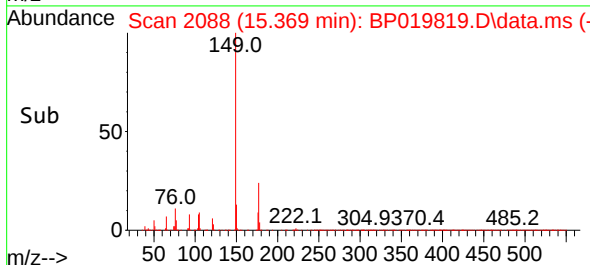
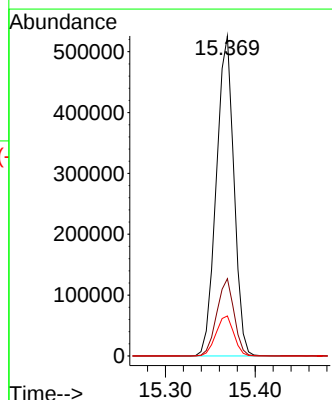
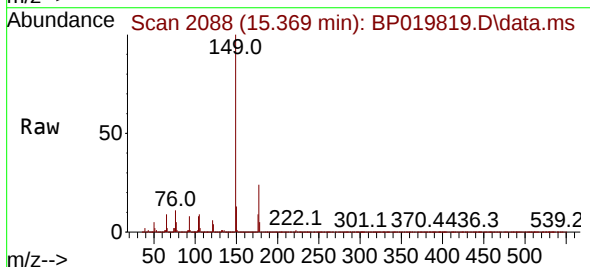
Manual Integrations
APPROVED

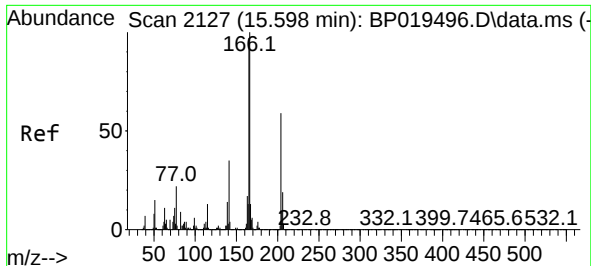
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#60
Diethylphthalate
Concen: 47.665 ng
RT: 15.369 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

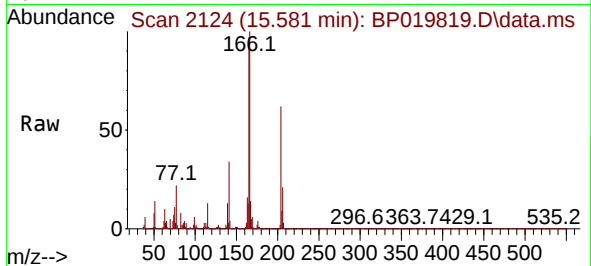
Tgt Ion:149 Resp: 716325
Ion Ratio Lower Upper
149 100
177 24.2 18.2 27.2
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 47.967 ng
RT: 15.581 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

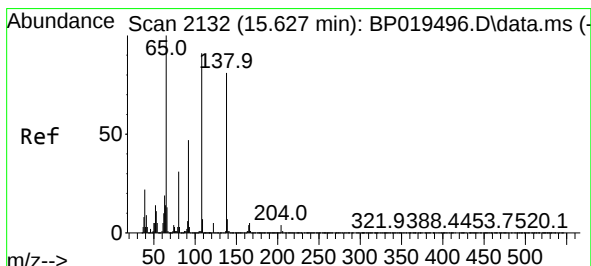
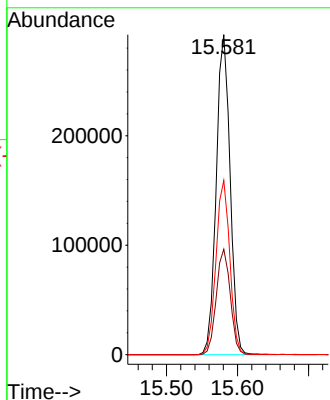
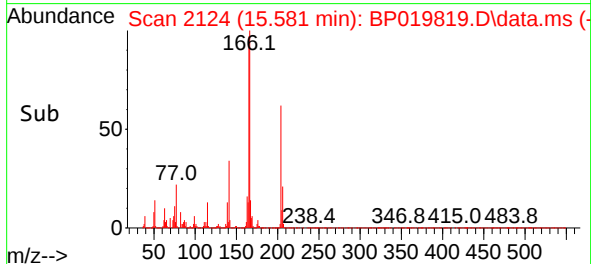
Instrument :
BNA_P
ClientSampleId :
PB159185BS



Tgt Ion:204 Resp: 393790
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 54.5 48.5 72.7

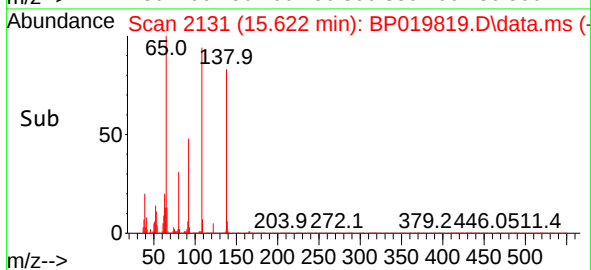
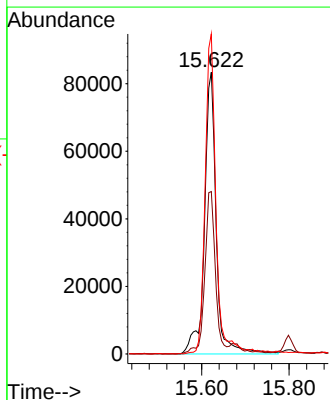
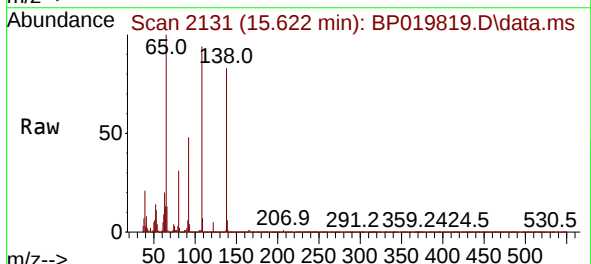
Manual Integrations
APPROVED

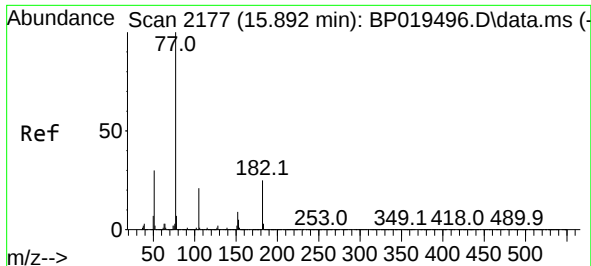
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#62
4-Nitroaniline
Concen: 48.963 ng
RT: 15.622 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

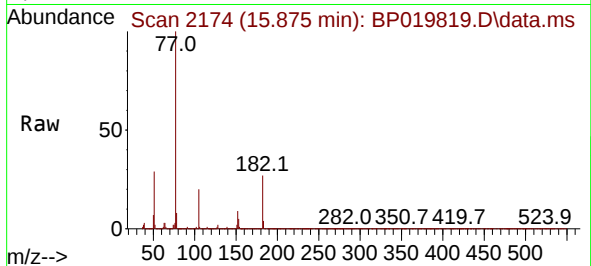
Tgt Ion:138 Resp: 156569
Ion Ratio Lower Upper
138 100
92 57.6 38.3 78.3
108 113.6 91.2 131.2





#63
Azobenzene
Concen: 45.454 ng
RT: 15.875 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

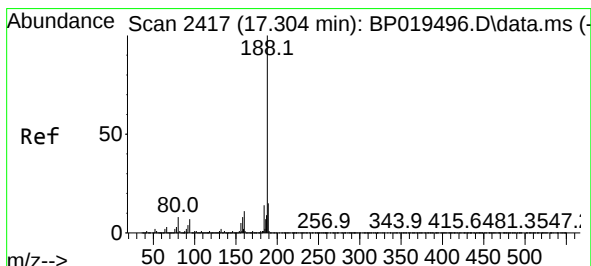
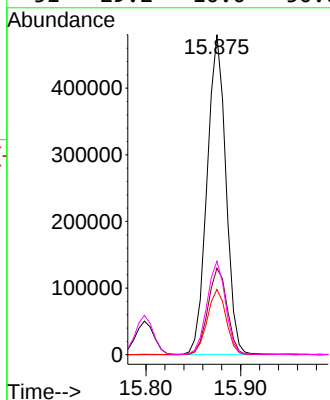
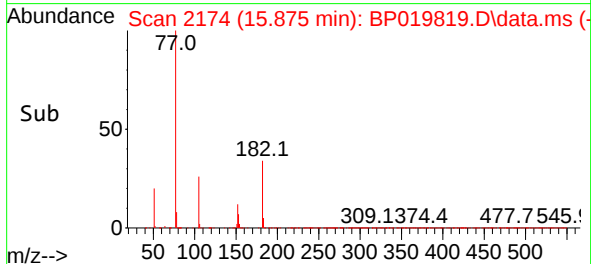
Instrument :
BNA_P
ClientSampleId :
PB159185BS



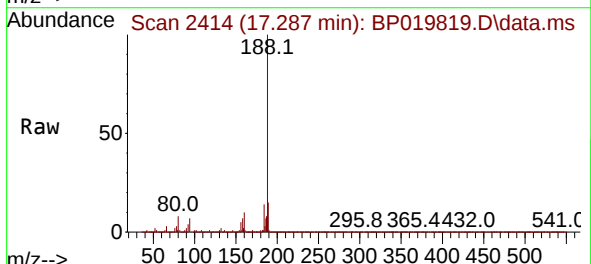
Tgt Ion: 77 Resp: 66055
Ion Ratio Lower Upper
77 100
182 27.0 5.1 45.1
105 20.4 0.8 40.8
51 29.2 10.0 50.0

Manual Integrations
APPROVED

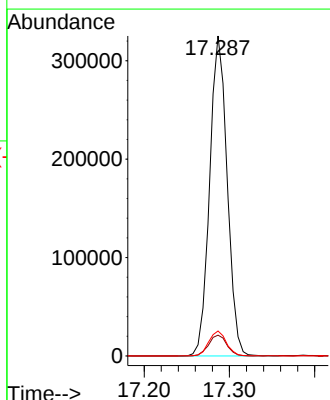
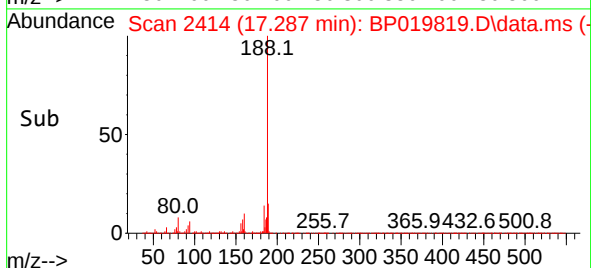
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024

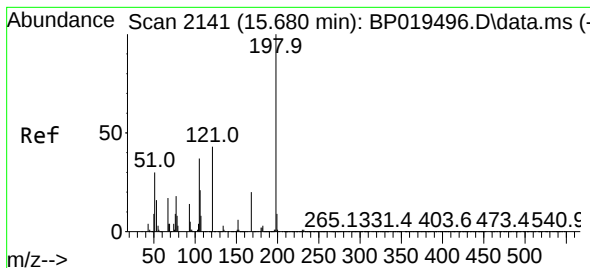


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.287 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54



Tgt Ion:188 Resp: 465076
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 7.8 6.3 9.5





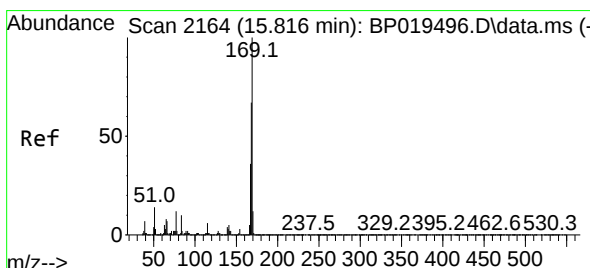
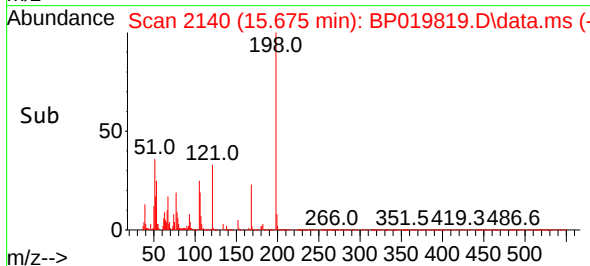
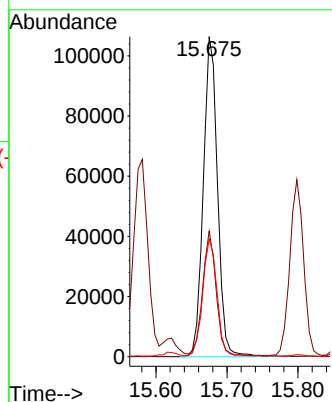
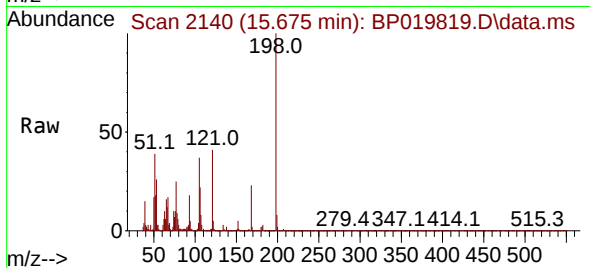
#65
4,6-Dinitro-2-methylphenol
Concen: 56.033 ng
RT: 15.675 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :
BNA_P
ClientSampleId :
PB159185BS

Tgt Ion:198 Resp: 14859
Ion Ratio Lower Upper
198 100
51 39.2 21.2 61.2
105 36.7 19.1 59.1

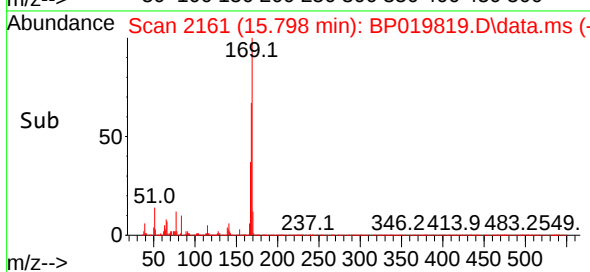
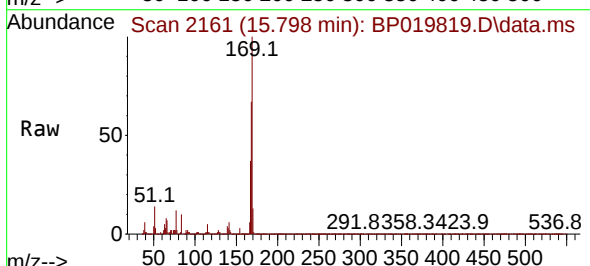
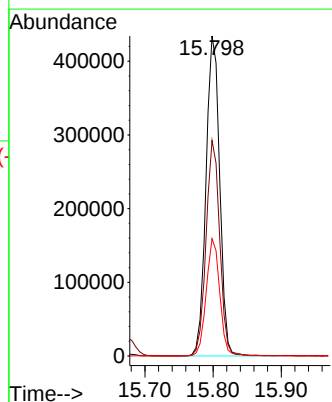
Manual Integrations
APPROVED

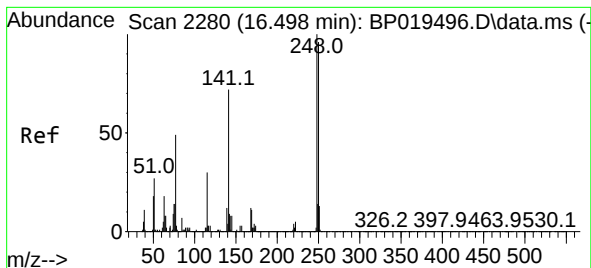
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#66
n-Nitrosodiphenylamine
Concen: 43.544 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:169 Resp: 606509
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.2
167 36.6 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 45.812 ng
RT: 16.475 min Scan# 2276
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

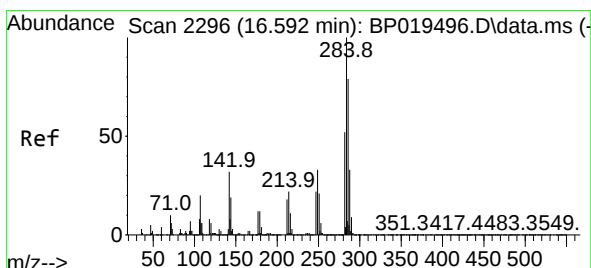
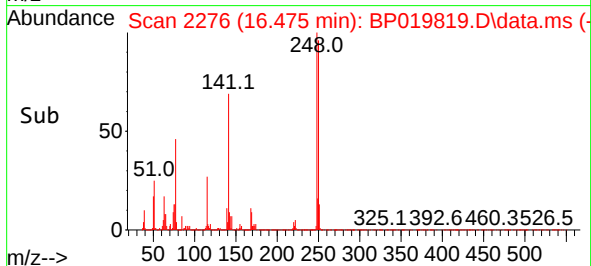
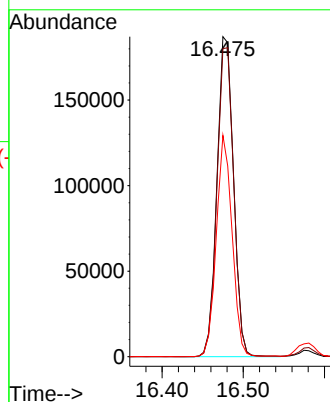
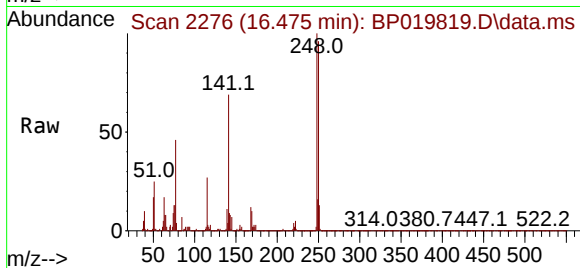
PB159185BS

Tgt Ion:248 Resp: 26635
Ion Ratio Lower Upper
248 100
250 96.3 76.9 115.3
141 69.1 58.0 87.0

Manual Integrations

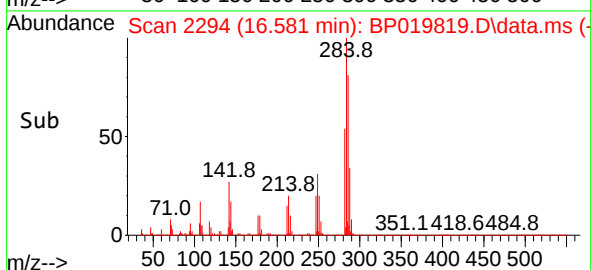
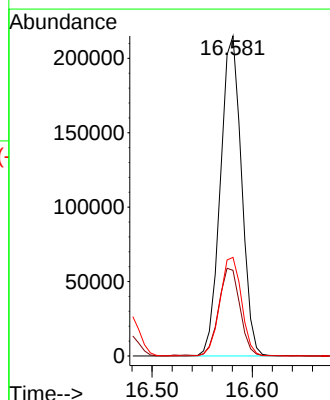
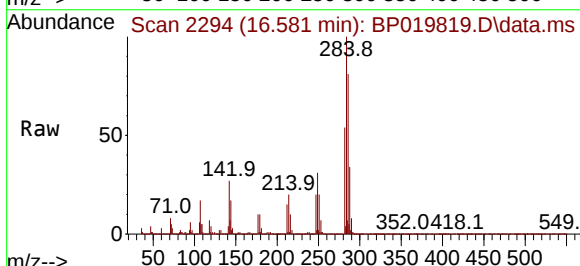
APPROVED

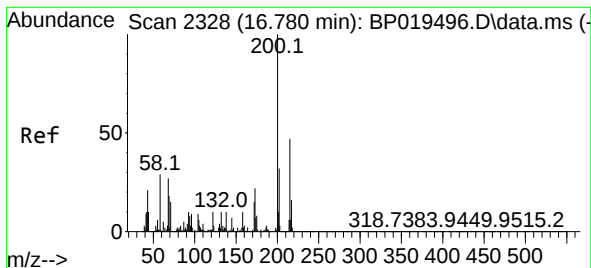
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#68
Hexachlorobenzene
Concen: 46.128 ng
RT: 16.581 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:284 Resp: 313182
Ion Ratio Lower Upper
284 100
142 26.7 25.4 38.2
249 30.8 26.5 39.7





#69

Atrazine

Concen: 50.799 ng

RT: 16.763 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159185BS

Tgt Ion:200 Resp: 234790

Ion Ratio Lower Upper

200 100

173 23.9 1.7 41.7

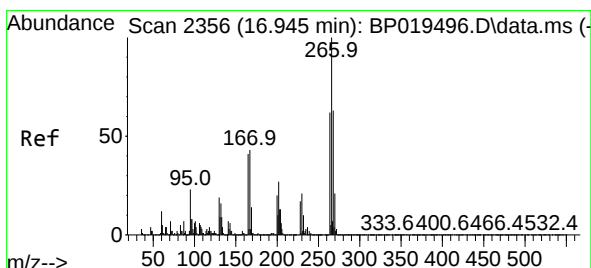
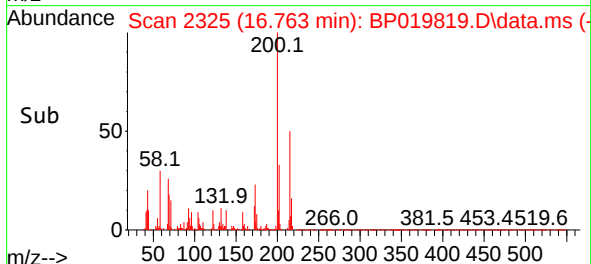
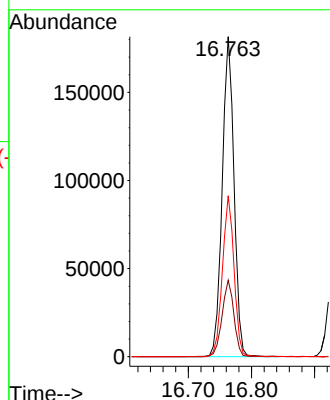
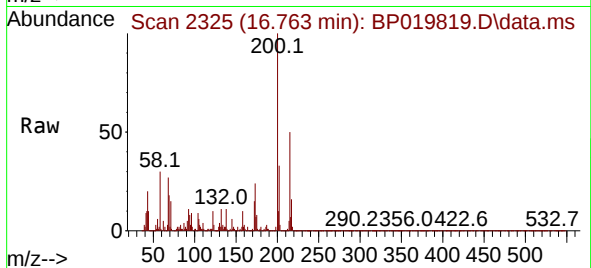
215 50.3 26.9 66.9

Manual Integrations

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Reviewed By :Yogesh Patel 02/23/2024

Supervised By :mohammad ahmed 02/23/2024



#70

Pentachlorophenol

Concen: 102.917 ng

RT: 16.934 min Scan# 2354

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

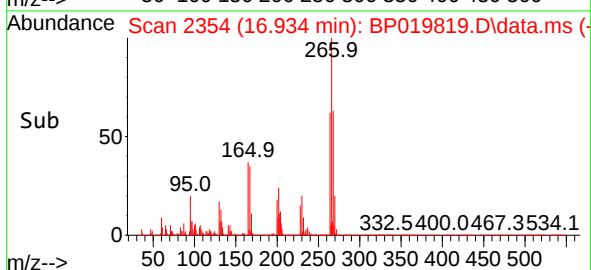
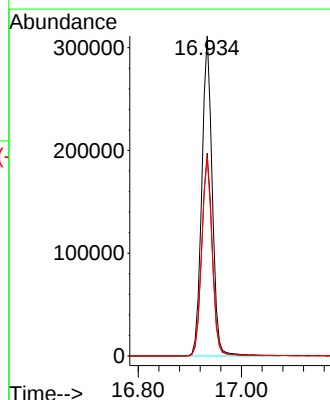
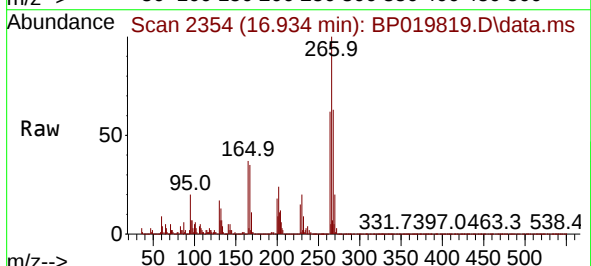
Tgt Ion:266 Resp: 435144

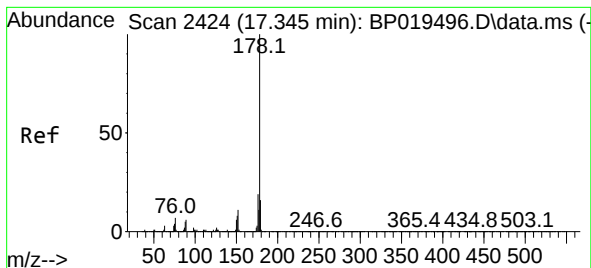
Ion Ratio Lower Upper

266 100

268 63.4 50.3 75.5

264 61.7 49.7 74.5





#71

Phenanthrene

Concen: 45.711 ng

RT: 17.334 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159185BS

Tgt Ion:178 Resp: 1118789

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

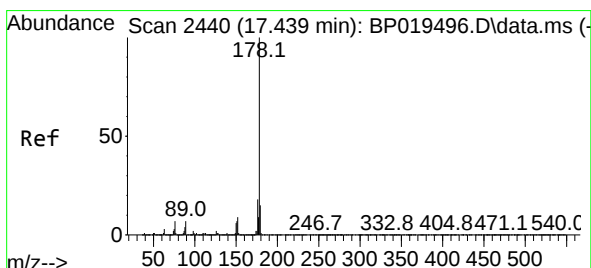
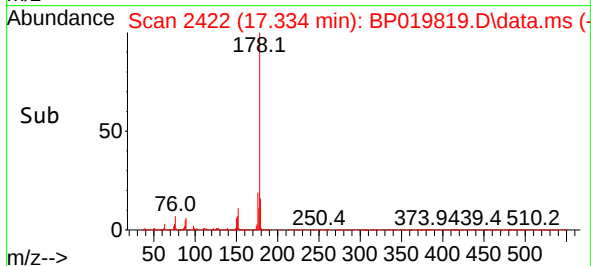
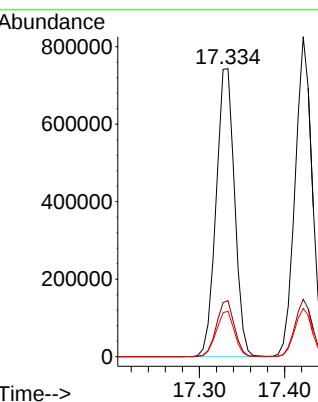
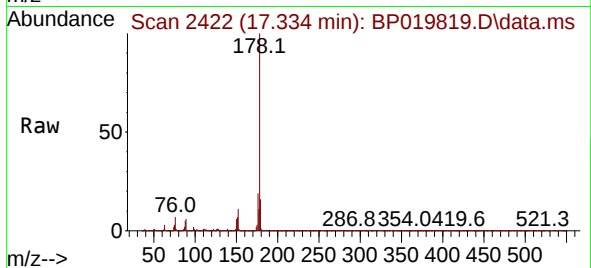
179 15.8 12.6 19.0

Manual Integrations

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Reviewed By :Yogesh Patel 02/23/2024

Supervised By :mohammad ahmed 02/23/2024



#72

Anthracene

Concen: 46.856 ng

RT: 17.422 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

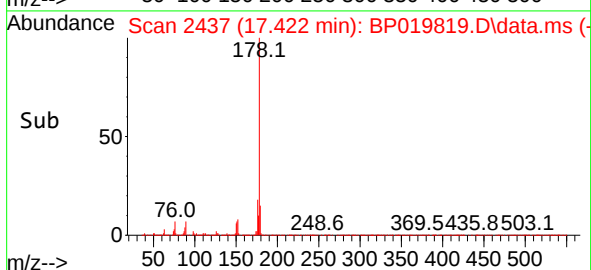
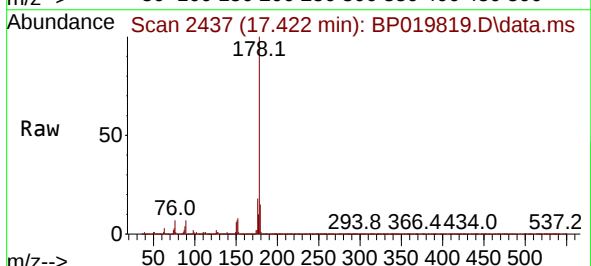
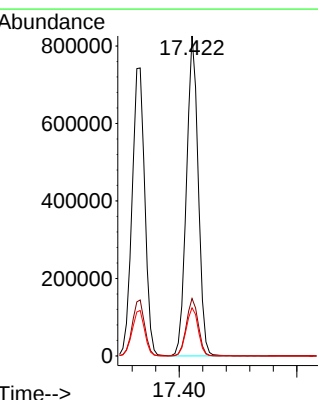
Tgt Ion:178 Resp: 1144028

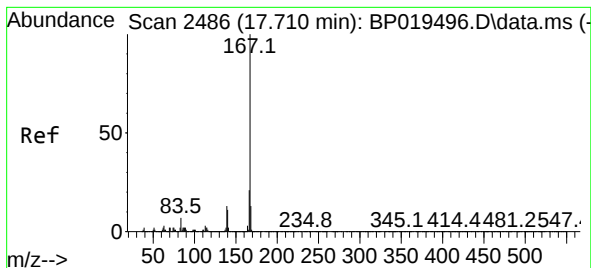
Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

179 15.1 12.2 18.2





#73

Carbazole

Concen: 46.571 ng

RT: 17.698 min Scan# 2484

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159185BS

Tgt Ion:167 Resp: 103296

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

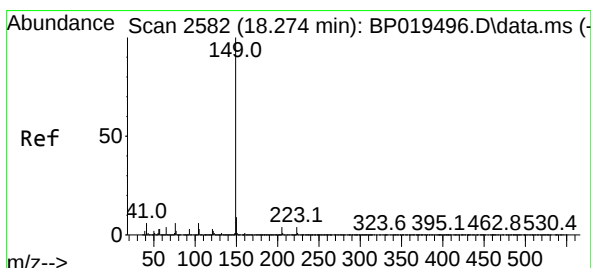
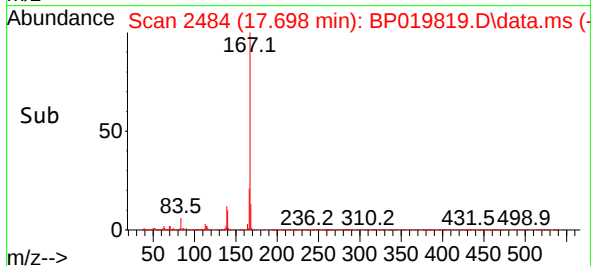
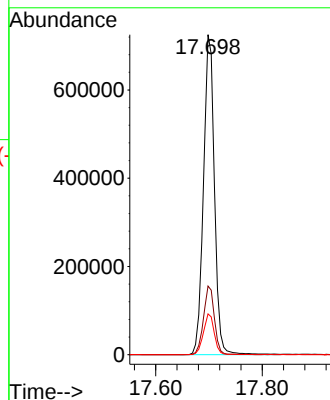
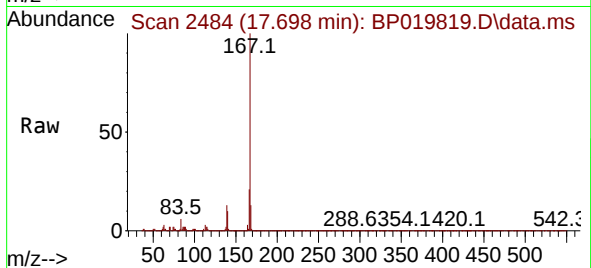
139 12.7 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/23/2024

Supervised By :mohammad ahmed 02/23/2024



#74

Di-n-butylphthalate

Concen: 46.491 ng

RT: 18.257 min Scan# 2579

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

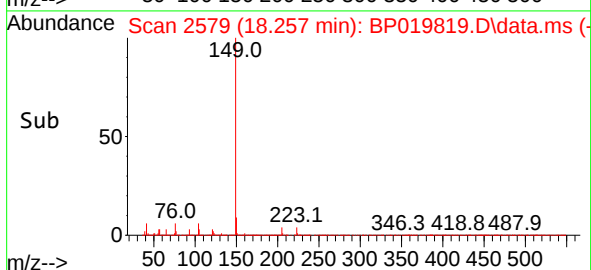
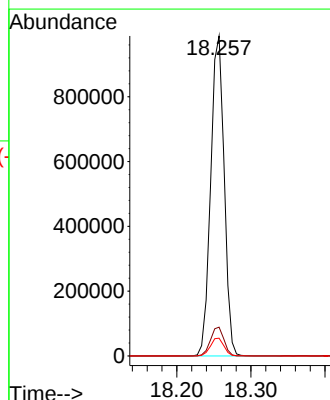
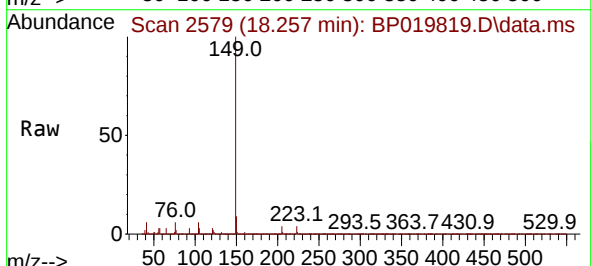
Tgt Ion:149 Resp: 1246830

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.6 4.8 7.2





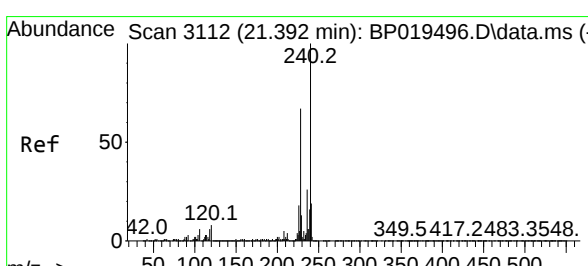
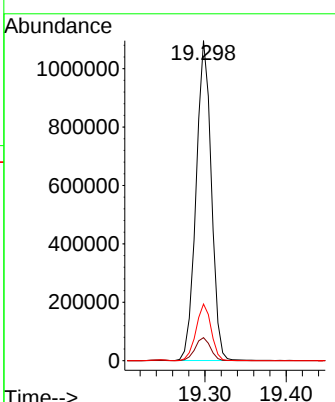
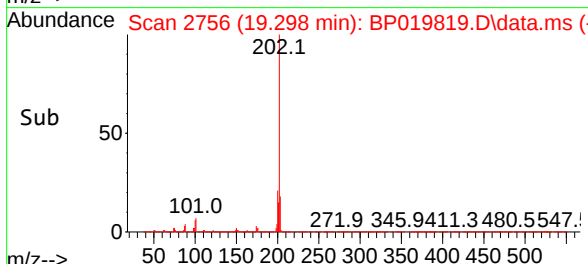
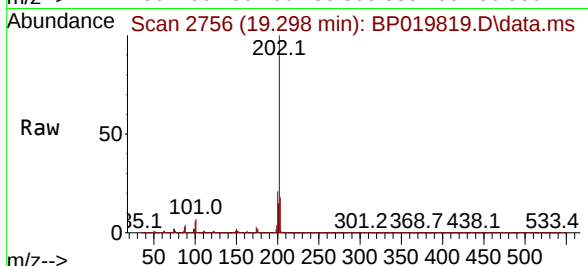
#75
 Fluoranthene
 Concen: 47.685 ng
 RT: 19.298 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019819.D
 Acq: 22 Feb 2024 11:54

Instrument : BNA_P
 ClientSampleId : PB159185BS

Tgt Ion: 202 Resp: 142575

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	27.7
203	17.7	0.0	37.5

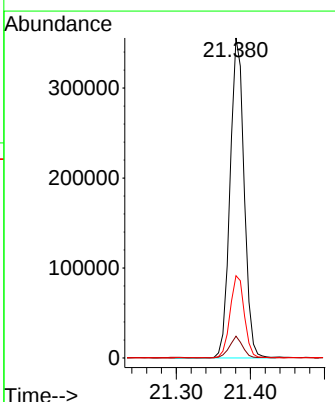
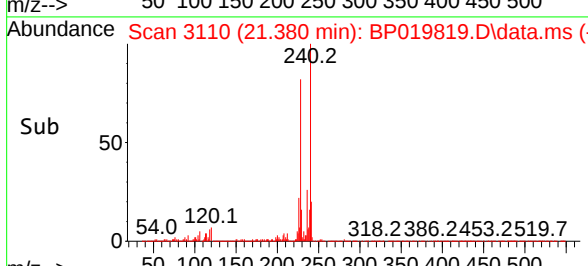
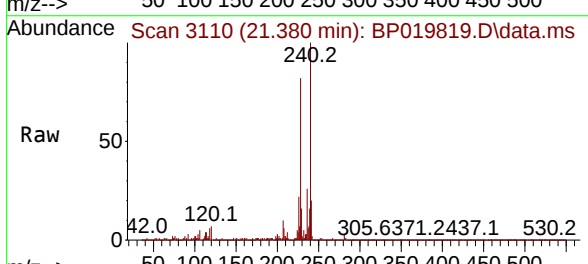
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :mohammad ahmed 02/23/2024

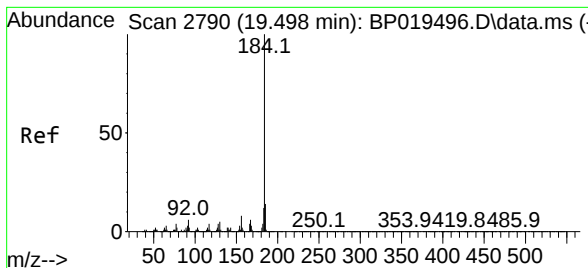


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.380 min Scan# 3110
 Delta R.T. -0.012 min
 Lab File: BP019819.D
 Acq: 22 Feb 2024 11:54

Tgt Ion: 240 Resp: 467688

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.1	9.1
236	25.7	20.7	31.1





#77

Benzidine

Concen: 32.765 ng

RT: 19.486 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

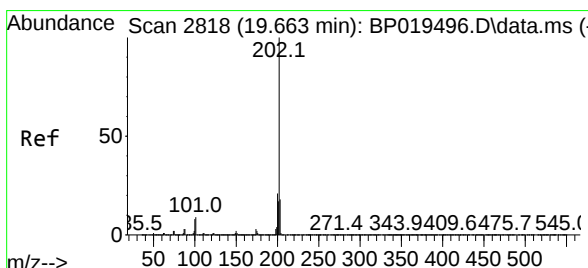
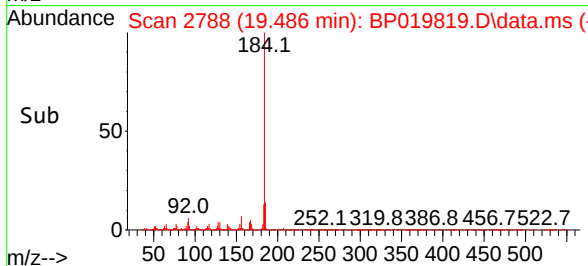
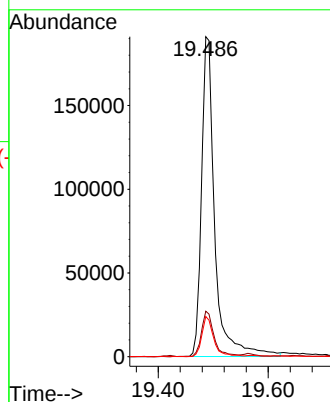
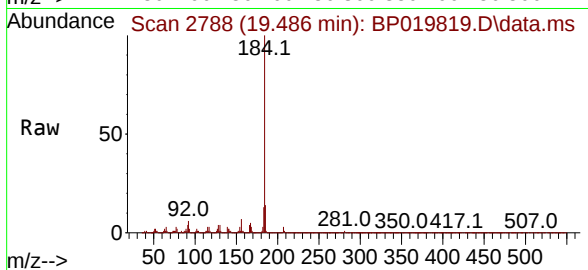
PB159185BS

Tgt Ion:184 Resp: 320374

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	12.6	9.7	14.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#78

Pyrene

Concen: 44.953 ng

RT: 19.651 min Scan# 2816

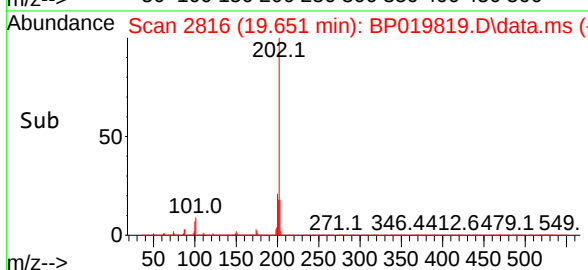
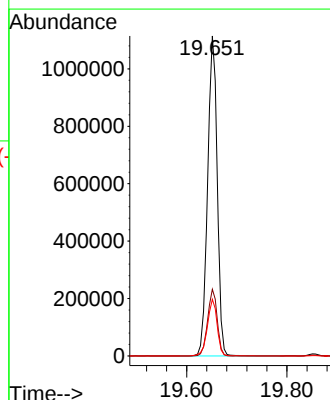
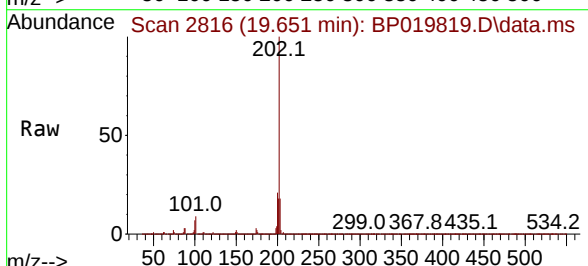
Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Tgt Ion:202 Resp: 1483774

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.7	14.2	21.2





#79

Terphenyl-d14

Concen: 93.485 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159185BS

Tgt Ion:244 Resp: 2658608

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

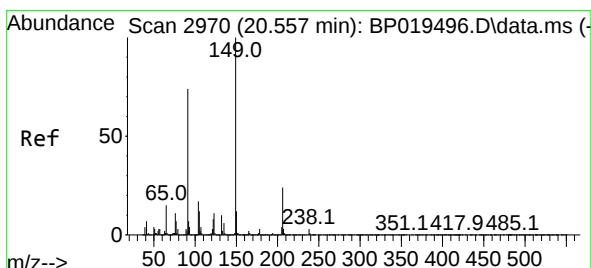
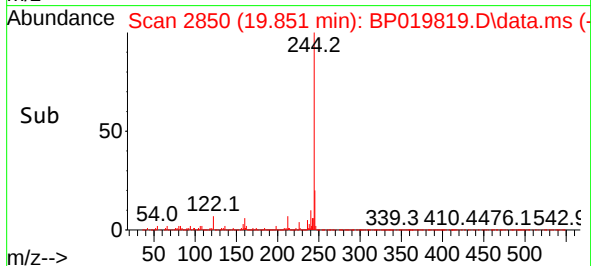
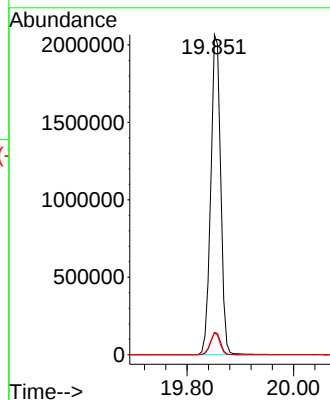
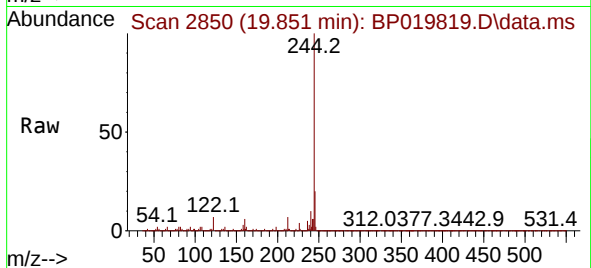
122 6.8 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/23/2024

Supervised By :mohammad ahmed 02/23/2024



#80

Butylbenzylphthalate

Concen: 45.454 ng

RT: 20.539 min Scan# 2967

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

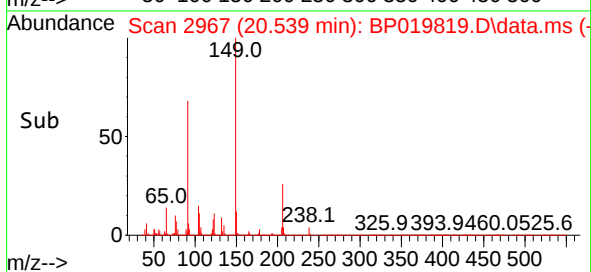
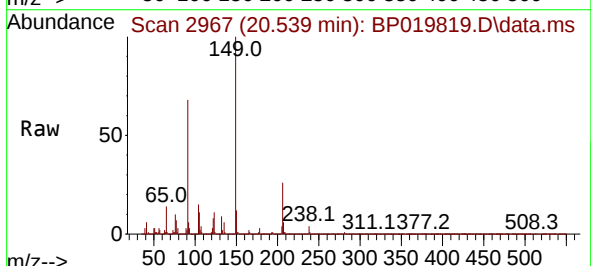
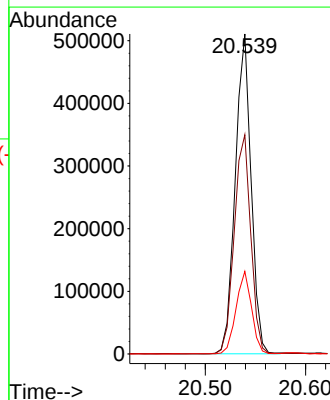
Tgt Ion:149 Resp: 560292

Ion Ratio Lower Upper

149 100

91 68.5 59.4 89.0

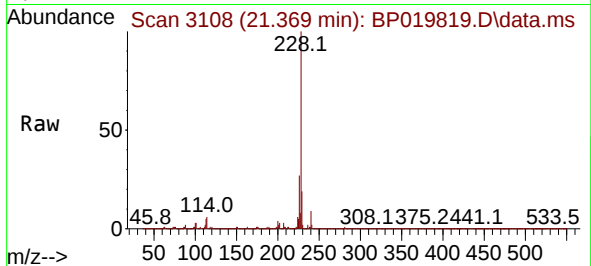
206 25.8 19.0 28.6





#81
Benzo(a)anthracene
Concen: 46.087 ng
RT: 21.369 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

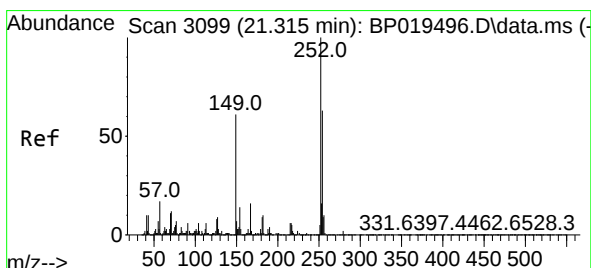
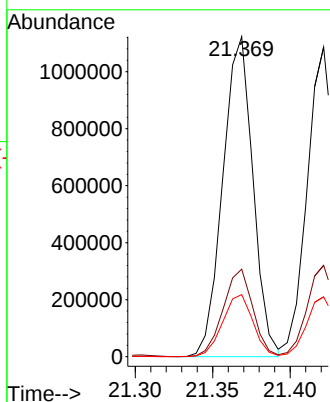
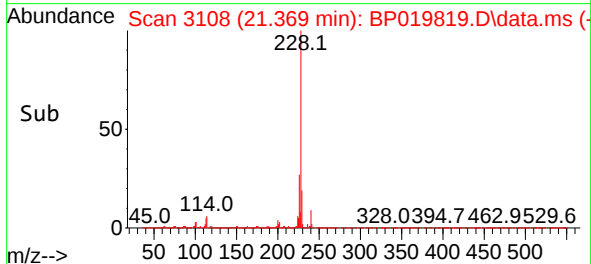
Instrument :
BNA_P
ClientSampleId :
PB159185BS



Tgt Ion:228 Resp: 1517264
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.4 15.6 23.4

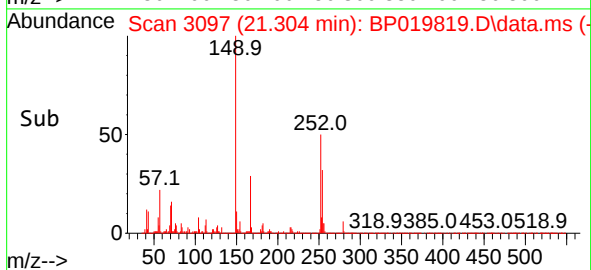
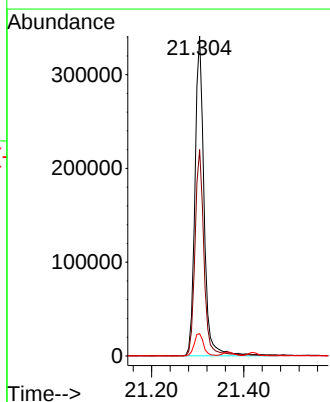
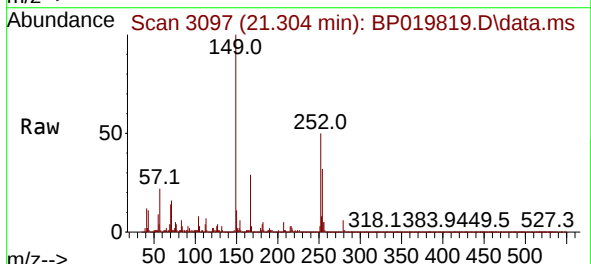
Manual Integrations
APPROVED

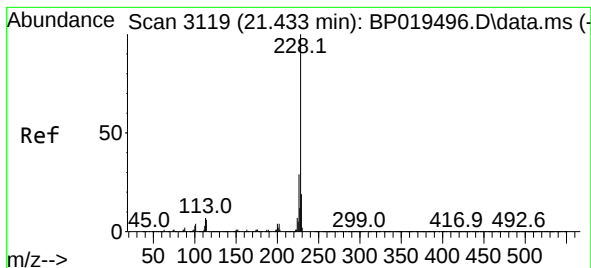
Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#82
3,3'-Dichlorobenzidine
Concen: 38.724 ng
RT: 21.304 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:252 Resp: 464562
Ion Ratio Lower Upper
252 100
254 64.5 50.7 76.1
126 6.9 6.4 9.6





#83

Chrysene

Concen: 45.102 ng

RT: 21.422 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159185BS

Tgt Ion:228 Resp: 1409720

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

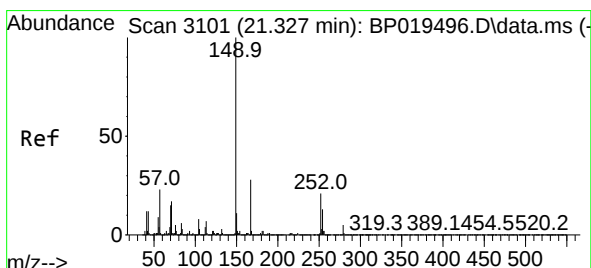
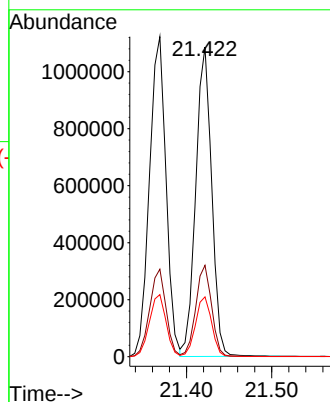
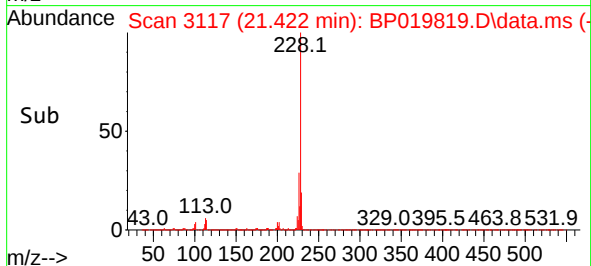
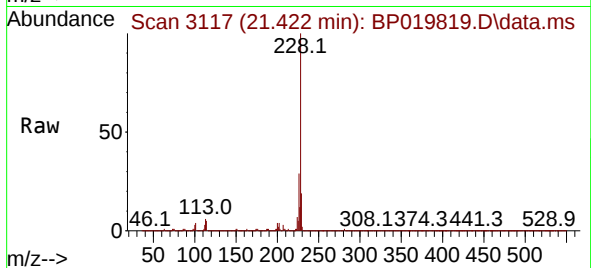
229 19.3 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/23/2024

Supervised By :mohammad ahmed 02/23/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.066 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

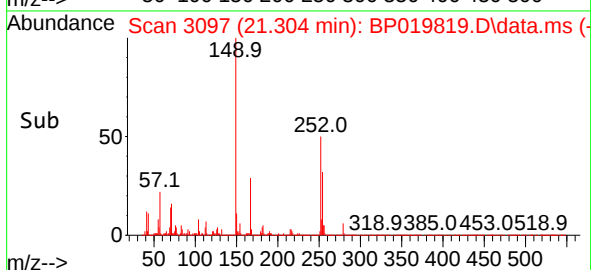
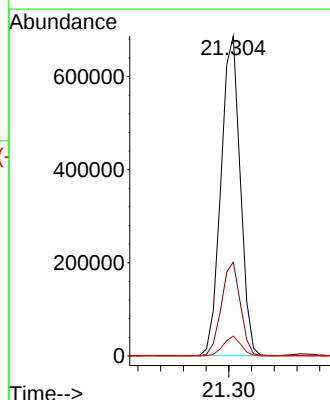
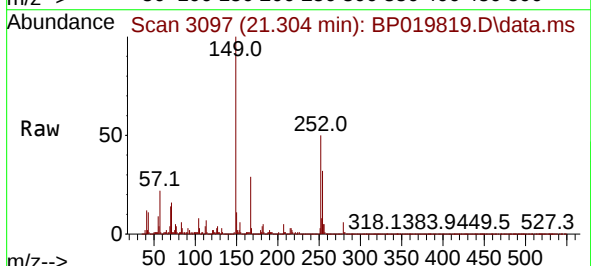
Tgt Ion:149 Resp: 808351

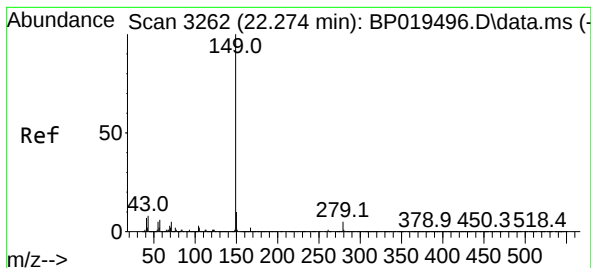
Ion Ratio Lower Upper

149 100

167 29.4 22.7 34.1

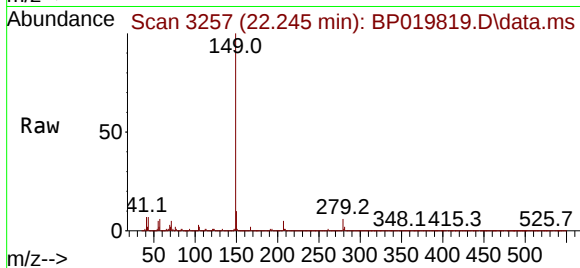
279 6.2 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 41.684 ng
RT: 22.245 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

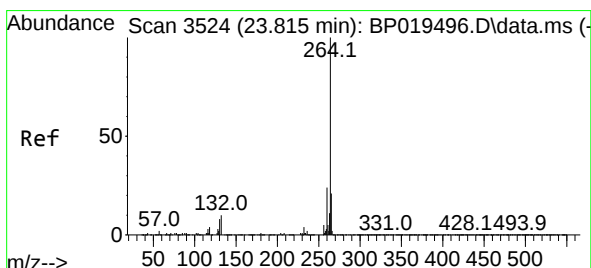
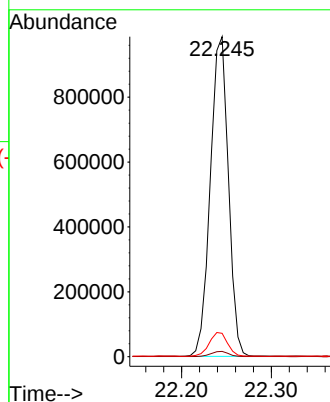
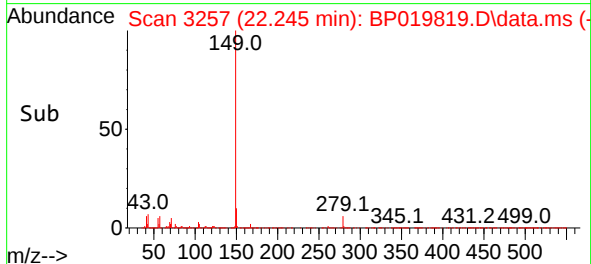
Instrument :
BNA_P
ClientSampleId :
PB159185BS



Tgt Ion:149 Resp: 137658
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 6.3 9.5

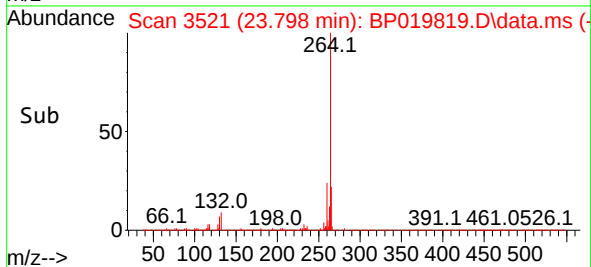
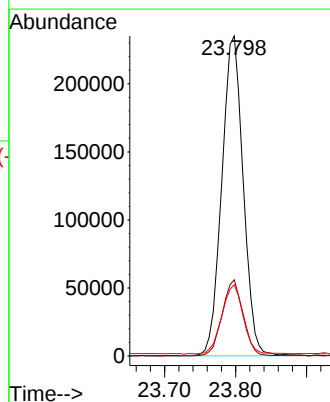
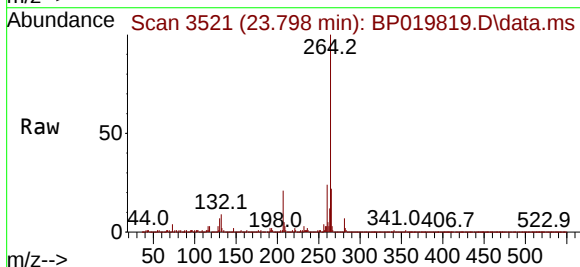
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.798 min Scan# 3521
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:264 Resp: 490307
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.647 ng

RT: 26.333 min Scan# 3952

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159185BS

Tgt Ion:276 Resp: 1750718

Ion Ratio Lower Upper

276 100

138 13.7 13.1 19.7

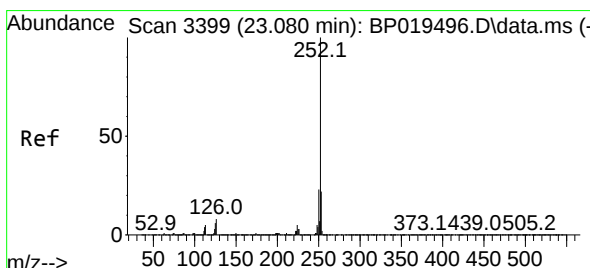
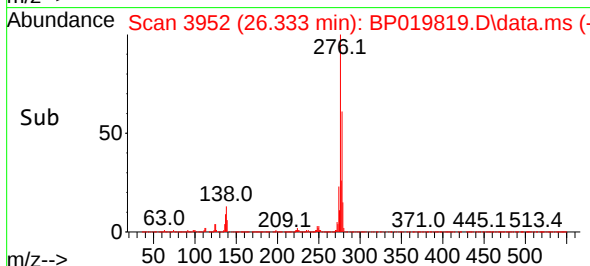
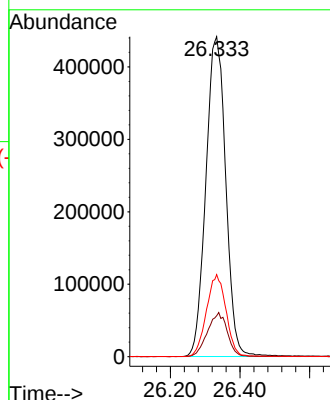
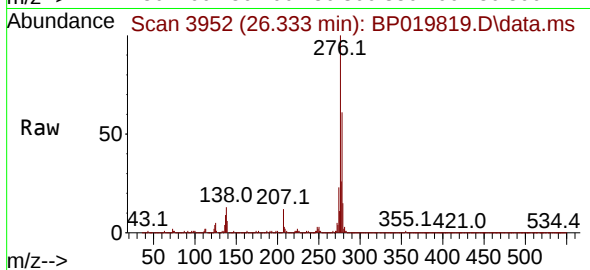
277 25.3 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/23/2024

Supervised By :mohammad ahmed 02/23/2024



#88

Benzo(b)fluoranthene

Concen: 48.774 ng

RT: 23.063 min Scan# 3396

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

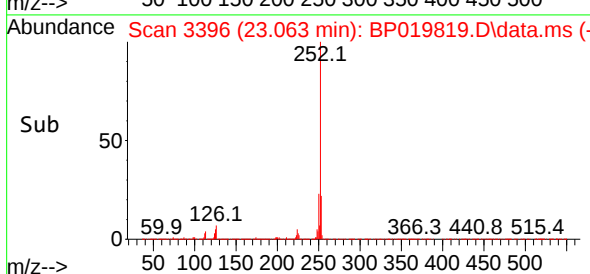
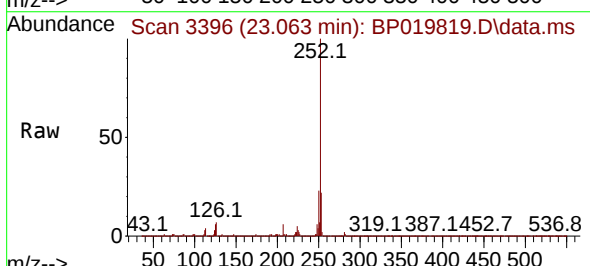
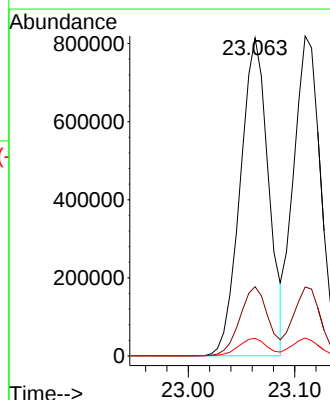
Tgt Ion:252 Resp: 1507204

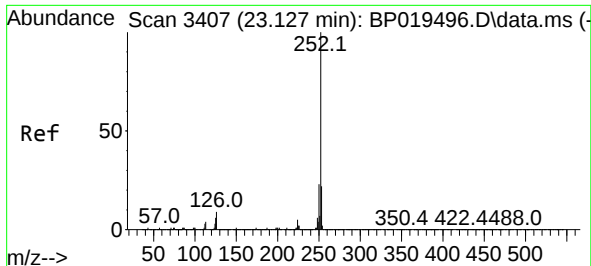
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 5.5 4.9 7.3





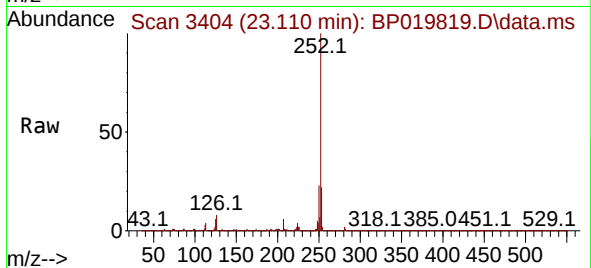
#89
Benzo(k)fluoranthene
Concen: 49.077 ng
RT: 23.110 min Scan# 3407
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159185BS



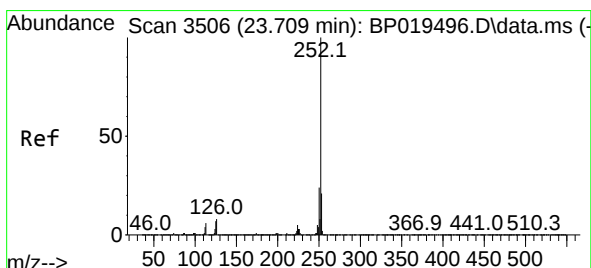
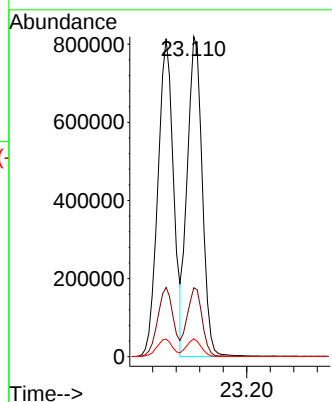
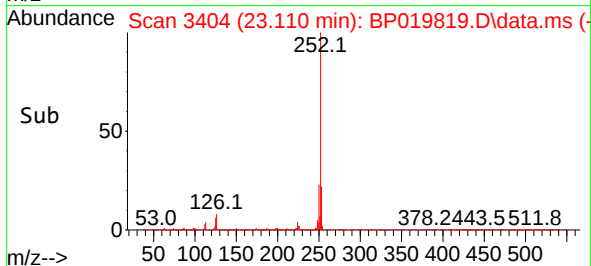
Tgt Ion:252 Resp: 1448662
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 5.6 5.0 7.6

Manual Integrations

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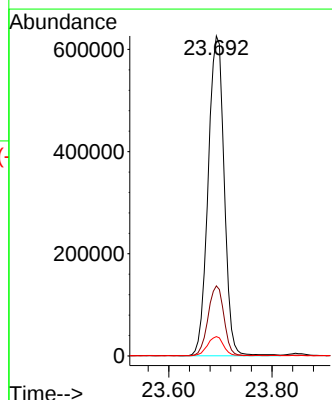
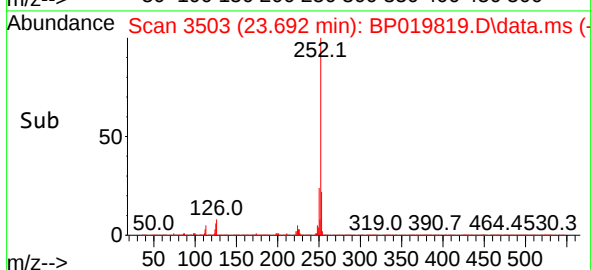
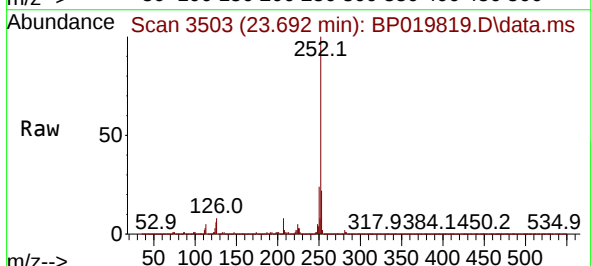
Reviewed By :Yogesh Patel 02/23/2024

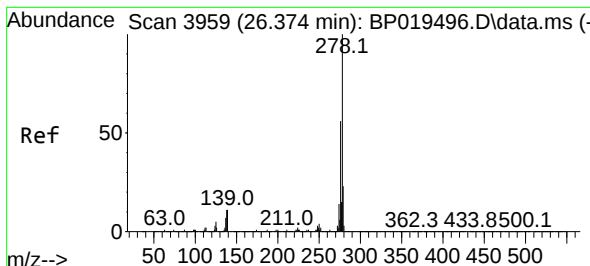
Supervised By :mohammad ahmed 02/23/2024



#90
Benzo(a)pyrene
Concen: 49.016 ng
RT: 23.692 min Scan# 3503
Delta R.T. -0.012 min
Lab File: BP019819.D
Acq: 22 Feb 2024 11:54

Tgt Ion:252 Resp: 1347722
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 6.1 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 47.448 ng

RT: 26.357 min Scan# 3959

Delta R.T. -0.012 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Instrument :

BNA_P

ClientSampleId :

PB159185BS

Tgt Ion:278 Resp: 146462

Ion Ratio Lower Upper

278 100

139 8.4 8.6 12.8

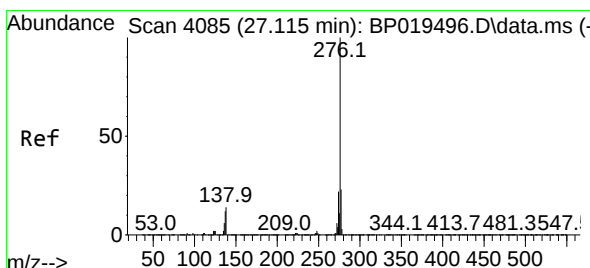
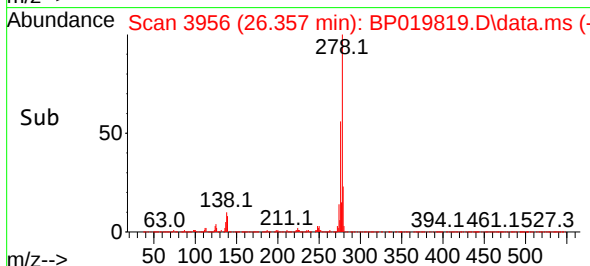
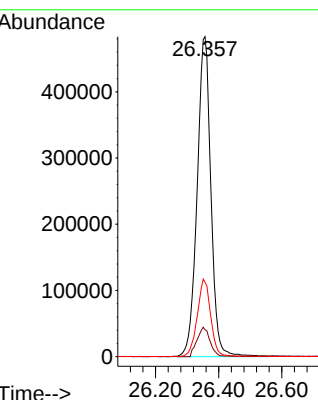
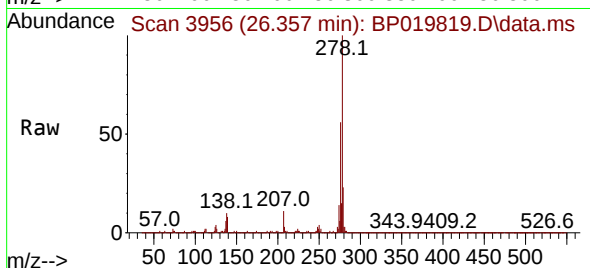
279 23.3 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/23/2024

Supervised By :mohammad ahmed 02/23/2024



#92

Benzo(g,h,i)perylene

Concen: 44.383 ng

RT: 27.104 min Scan# 4083

Delta R.T. -0.017 min

Lab File: BP019819.D

Acq: 22 Feb 2024 11:54

Tgt Ion:276 Resp: 1389868

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 11.3 10.9 16.3

