

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019864.D
 Acq On : 24 Feb 2024 16:25
 Operator : MA/JU
 Sample : P1564-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-10MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 26 00:12:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	95721	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	349779	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	239151	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	512042	20.000	ng	0.00
76) Chrysene-d12	21.415	240	471919	20.000	ng	#-0.01
86) Perylene-d12	23.845	264	559278	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	430381	72.475	ng	0.00
7) Phenol-d6	7.081	99	705910	88.161	ng	0.00
23) Nitrobenzene-d5	9.075	82	387653	48.023	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	318336	91.167	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	926993	47.918	ng	0.00
79) Terphenyl-d14	19.874	244	1627812	56.726	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	76052	33.241	ng	99
3) Pyridine	3.781	79	198852	32.058	ng	97
4) n-Nitrosodimethylamine	3.705	42	105647	39.121	ng	97
6) Aniline	7.234	93	284342	36.547	ng	98
8) 2-Chlorophenol	7.469	128	270724	44.405	ng	97
9) Benzaldehyde	7.057	77	53242m	9.484	ng	
10) Phenol	7.104	94	403924	50.614	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	290587	46.803	ng	99
12) 1,3-Dichlorobenzene	7.787	146	299629	40.164	ng	98
13) 1,4-Dichlorobenzene	7.940	146	302233	39.988	ng	98
14) 1,2-Dichlorobenzene	8.251	146	290314	39.700	ng	98
15) Benzyl Alcohol	8.151	79	263975	41.261	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	245285	39.507	ng	100
17) 2-Methylphenol	8.357	107	211964	39.452	ng	98
18) Hexachloroethane	8.969	117	115057	39.274	ng	93
19) n-Nitroso-di-n-propyla...	8.722	70	209110	38.234	ng	99
20) 3+4-Methylphenols	8.687	107	290936	39.678	ng	98
22) Acetophenone	8.740	105	405200	40.664	ng	# 97
24) Nitrobenzene	9.116	77	312321	38.428	ng	99
25) Isophorone	9.646	82	561450	39.938	ng	99
26) 2-Nitrophenol	9.822	139	144023	46.475	ng	97
27) 2,4-Dimethylphenol	9.887	122	187560	47.333	ng	99
28) bis(2-Chloroethoxy)met...	10.128	93	321461	40.415	ng	99
29) 2,4-Dichlorophenol	10.357	162	266987	44.572	ng	96
30) 1,2,4-Trichlorobenzene	10.563	180	311768	42.449	ng	98
31) Naphthalene	10.757	128	766481	39.955	ng	100
32) Benzoic acid	10.057	122	172295	44.627	ng	97
33) 4-Chloroaniline	10.881	127	94384	13.304	ng	96
34) Hexachlorobutadiene	11.022	225	232330	42.687	ng	98
35) Caprolactam	11.692	113	74977	44.214	ng	97
36) 4-Chloro-3-methylphenol	12.010	107	275898	42.241	ng	99
37) 2-Methylnaphthalene	12.369	142	545049	41.055	ng	96
38) 1-Methylnaphthalene	12.587	142	517708	39.682	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	386600	41.916	ng	99
41) Hexachlorocyclopentadiene	12.692	237	446807	107.236	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	238882	42.773	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019864.D
 Acq On : 24 Feb 2024 16:25
 Operator : MA/JU
 Sample : P1564-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-10MSD

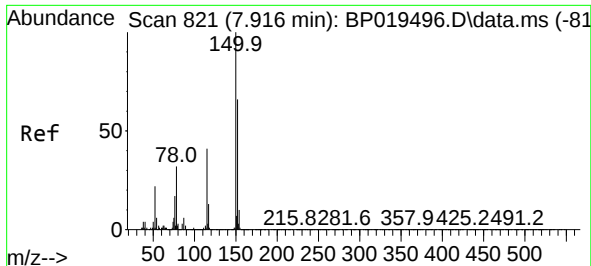
Quant Time: Feb 26 00:12:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
 Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	259287	42.280	ng	97
46) 1,1'-Biphenyl	13.381	154	741124	38.828	ng	100
47) 2-Chloronaphthalene	13.422	162	588595	37.565	ng	99
48) 2-Nitroaniline	13.639	65	178310	40.698	ng	98
49) Acenaphthylene	14.269	152	930867	42.346	ng	99
50) Dimethylphthalate	14.016	163	753275	41.145	ng	99
51) 2,6-Dinitrotoluene	14.139	165	168830	41.973	ng	95
52) Acenaphthene	14.610	154	525720	38.533	ng	99
53) 3-Nitroaniline	14.469	138	97908	26.486	ng	91
54) 2,4-Dinitrophenol	14.686	184	210758	100.916	ng	98
55) Dibenzofuran	14.945	168	903013	40.638	ng	99
56) 4-Nitrophenol	14.786	139	249559	82.368	ng	96
57) 2,4-Dinitrotoluene	14.933	165	233562	44.311	ng	96
58) Fluorene	15.598	166	730464	41.272	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	245917	47.674	ng	94
60) Diethylphthalate	15.381	149	753101	41.357	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	417302	41.950	ng	95
62) 4-Nitroaniline	15.639	138	154031	39.753	ng	99
63) Azobenzene	15.892	77	688761	39.114	ng	97
65) 4,6-Dinitro-2-methylph...	15.692	198	142498	48.806	ng	98
66) n-Nitrosodiphenylamine	15.816	169	632964	41.276	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	278587	43.521	ng	95
68) Hexachlorobenzene	16.598	284	321144	42.962	ng	93
69) Atrazine	16.780	200	255818	50.272	ng	96
70) Pentachlorophenol	16.951	266	417309	89.646	ng	99
71) Phenanthrene	17.351	178	1136778	42.186	ng	99
72) Anthracene	17.439	178	1155105	42.971	ng	99
73) Carbazole	17.722	167	1003676	41.100	ng	99
74) Di-n-butylphthalate	18.274	149	1251346	42.380	ng	99
75) Fluoranthene	19.321	202	1390940	42.254	ng	99
77) Benzidine	19.516	184	514524	52.150	ng	99
78) Pyrene	19.674	202	1423527	42.741	ng	100
80) Butylbenzylphthalate	20.563	149	535624	43.064	ng	98
81) Benzo(a)anthracene	21.398	228	1404159	42.269	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	430264	35.544	ng	98
83) Chrysene	21.451	228	1322899	41.945	ng	100
84) Bis(2-ethylhexyl)phtha...	21.327	149	771352	40.726	ng	100
85) Di-n-octyl phthalate	22.274	149	1309947	39.310	ng	99
87) Indeno(1,2,3-cd)pyrene	26.398	276	1889574	44.138	ng	98
88) Benzo(b)fluoranthene	23.104	252	1442954	40.936	ng	99
89) Benzo(k)fluoranthene	23.151	252	1365178	40.545	ng	99
90) Benzo(a)pyrene	23.739	252	1325421	42.260	ng	98
91) Dibenzo(a,h)anthracene	26.421	278	1557720	44.241	ng	98
92) Benzo(g,h,i)perylene	27.192	276	1478094	41.379	ng	98

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



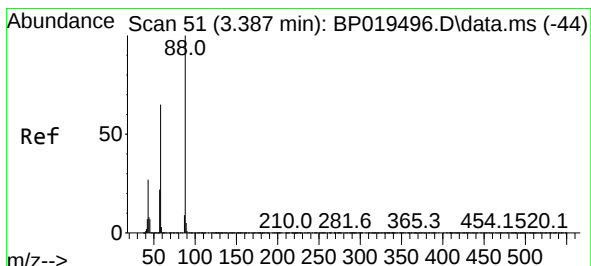
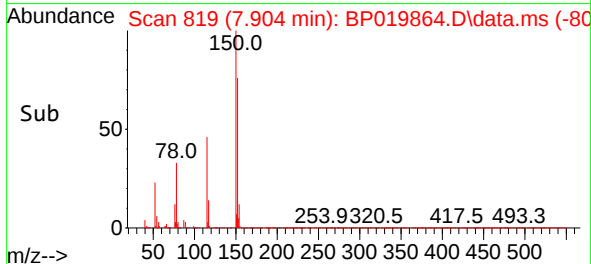
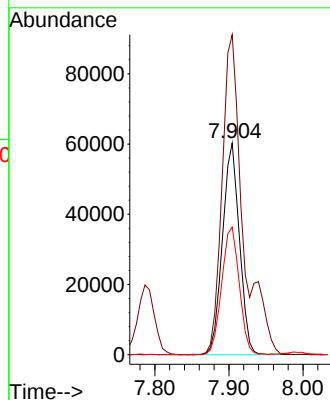
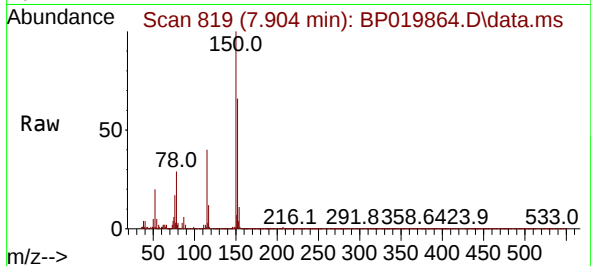
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

Tgt Ion:152 Resp: 9572
Ion Ratio Lower Upper
152 100
150 151.1 121.8 182.8
115 60.3 49.9 74.9

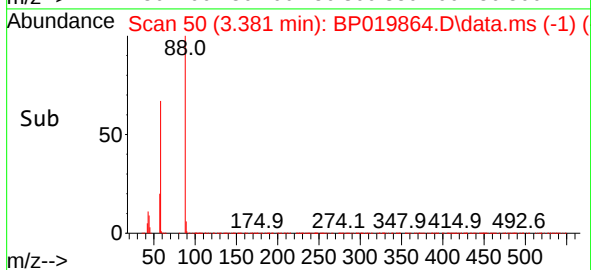
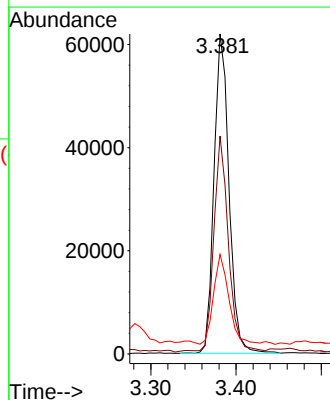
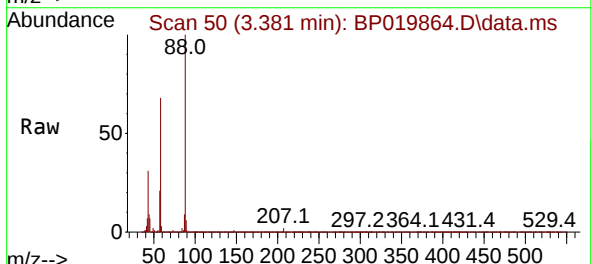
Manual Integrations
APPROVED

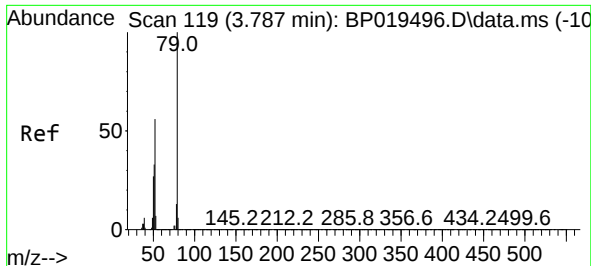
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#2
1,4-Dioxane
Concen: 33.241 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion: 88 Resp: 76052
Ion Ratio Lower Upper
88 100
58 66.0 52.6 78.8
43 28.6 21.9 32.9





#3

Pyridine

Concen: 32.058 ng

RT: 3.781 min Scan# 119

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

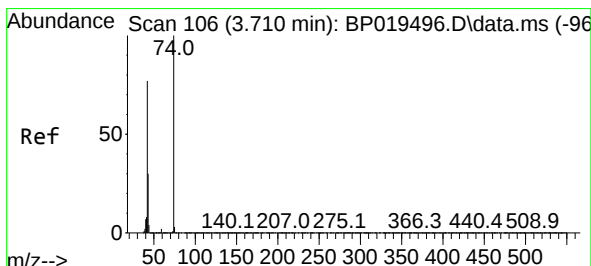
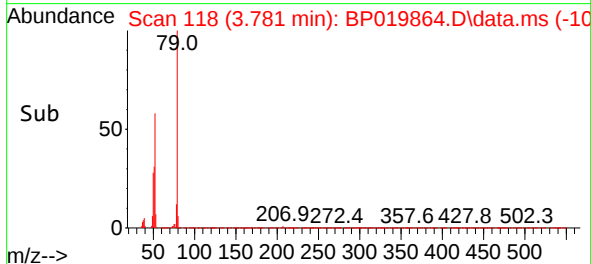
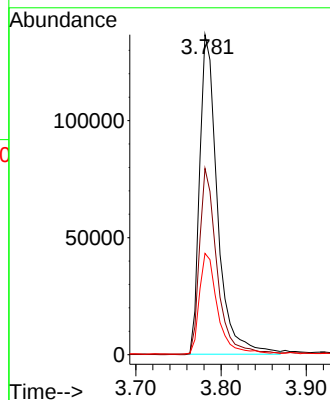
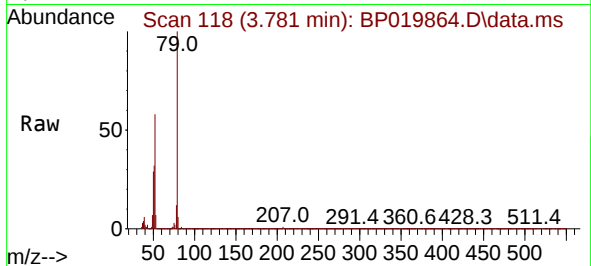
LKWD-BACKFILL-10MSD

Tgt Ion: 79 Resp: 19885

Ion	Ratio	Lower	Upper
79	100		
52	58.2	45.0	67.6
51	31.7	26.8	40.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#4

n-Nitrosodimethylamine

Concen: 39.121 ng

RT: 3.705 min Scan# 105

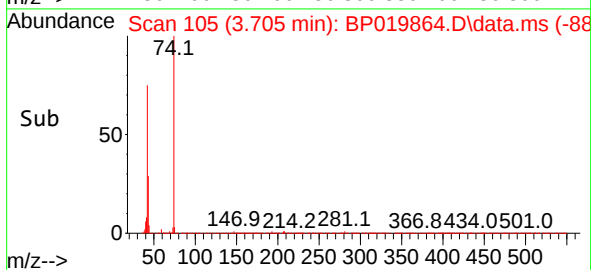
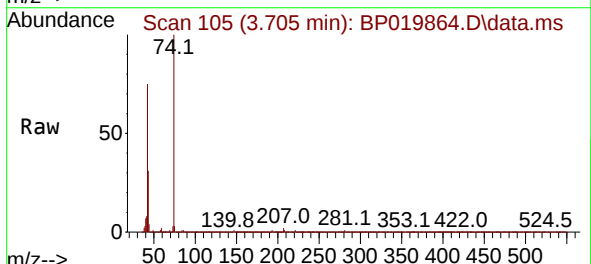
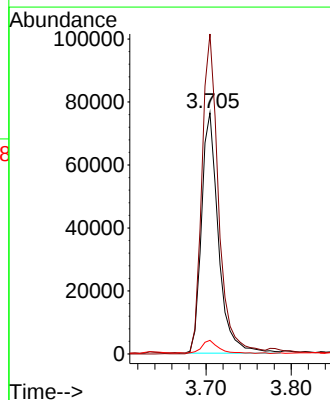
Delta R.T. -0.000 min

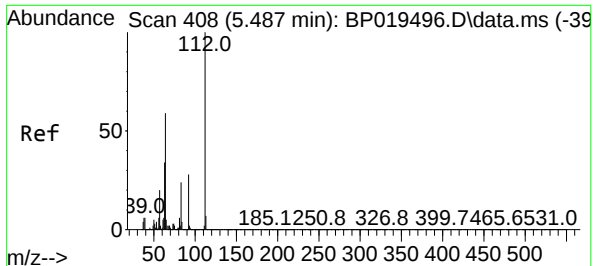
Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Tgt Ion: 42 Resp: 105647

Ion	Ratio	Lower	Upper
42	100		
74	132.7	103.4	155.2
44	5.7	4.8	7.2





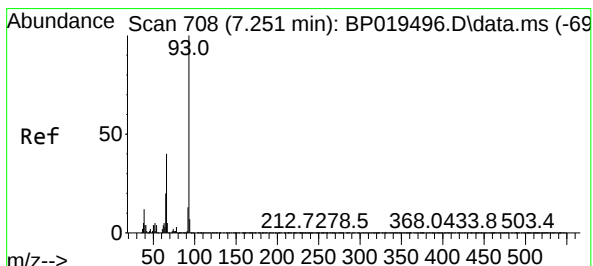
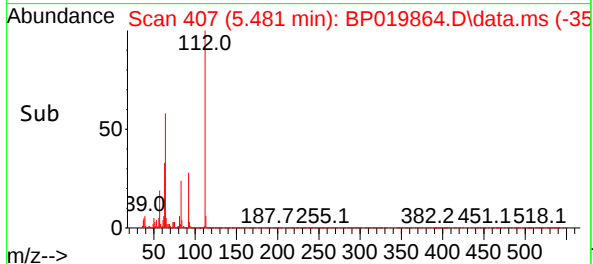
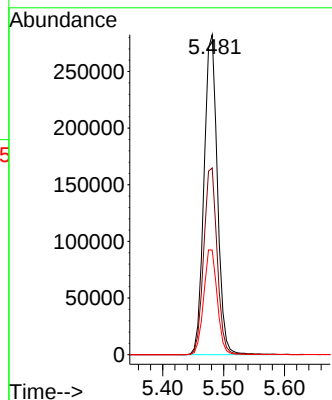
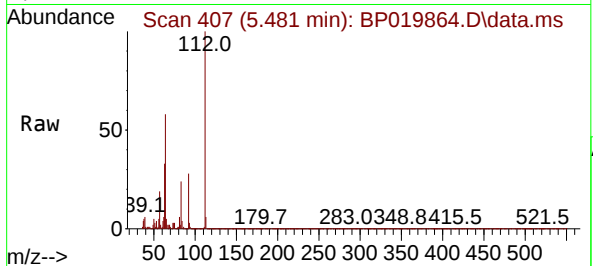
#5
2-Fluorophenol
Concen: 72.475 ng
RT: 5.481 min Scan# 408
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

Tgt Ion:112 Resp: 43038
Ion Ratio Lower Upper
112 100
64 58.3 47.4 71.0
63 32.7 27.0 40.6

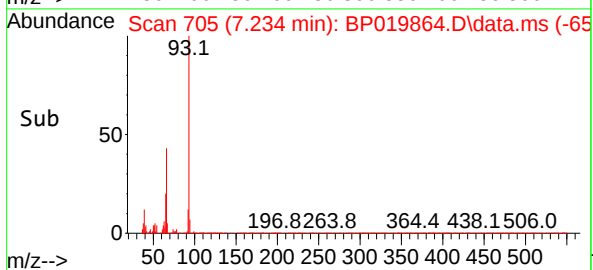
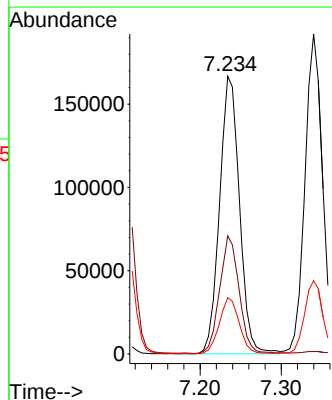
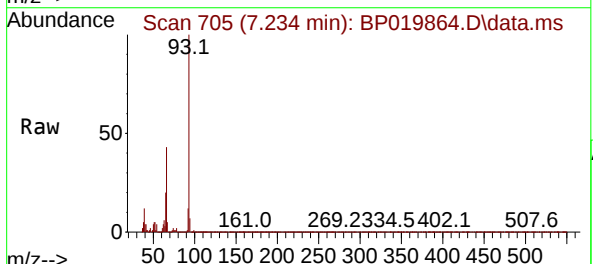
Manual Integrations
APPROVED

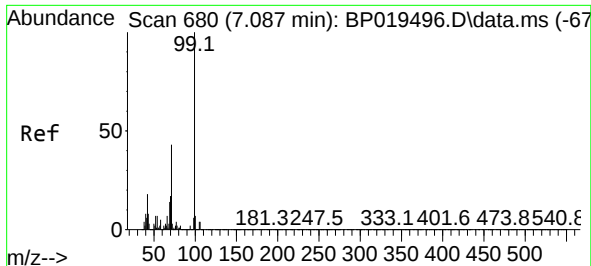
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#6
Aniline
Concen: 36.547 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion: 93 Resp: 284342
Ion Ratio Lower Upper
93 100
66 42.5 32.3 48.5
65 20.3 16.4 24.6





#7

Phenol-d6

Concen: 88.161 ng

RT: 7.081 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

Tgt Ion: 99 Resp: 705910

Ion Ratio Lower Upper

99 100

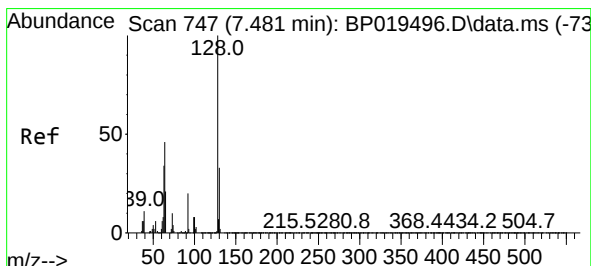
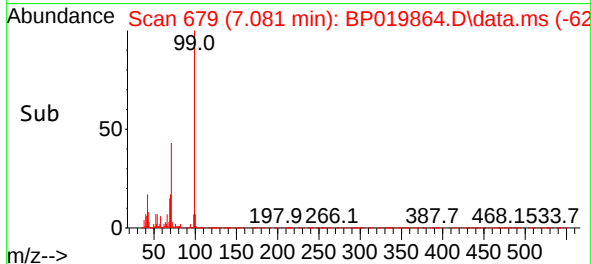
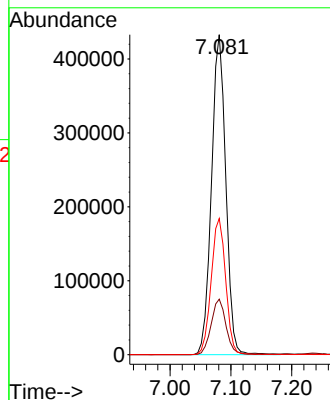
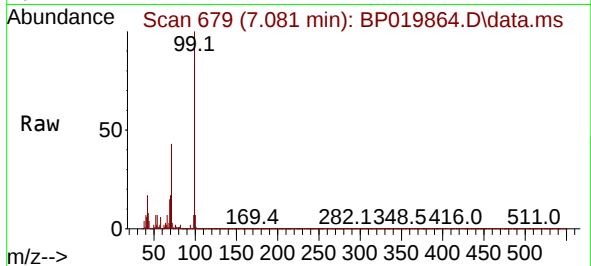
42 17.4 14.7 22.1

71 42.5 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#8

2-Chlorophenol

Concen: 44.405 ng

RT: 7.469 min Scan# 745

Delta R.T. 0.006 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

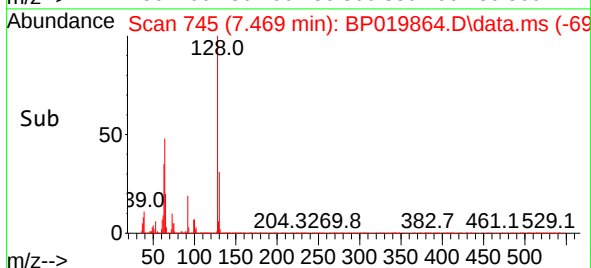
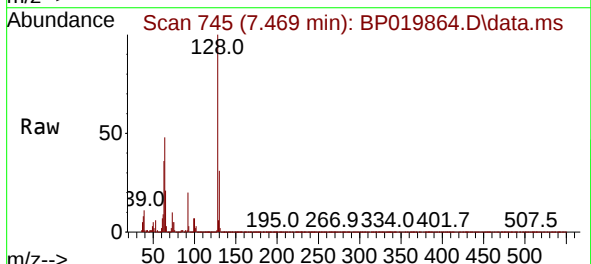
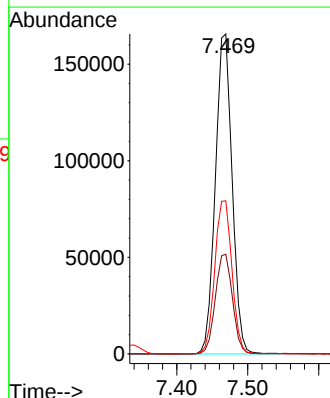
Tgt Ion:128 Resp: 270724

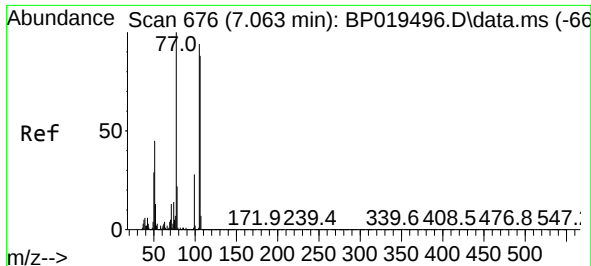
Ion Ratio Lower Upper

128 100

130 31.1 13.3 53.3

64 47.9 29.7 69.7





#9

Benzaldehyde

Concen: 9.484 ng m

RT: 7.057 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

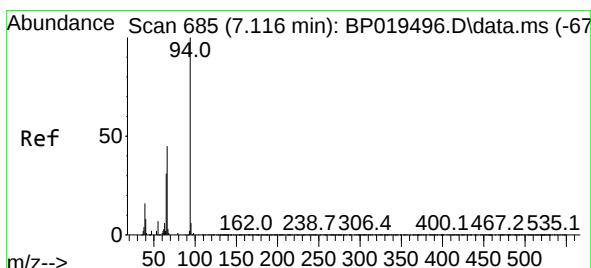
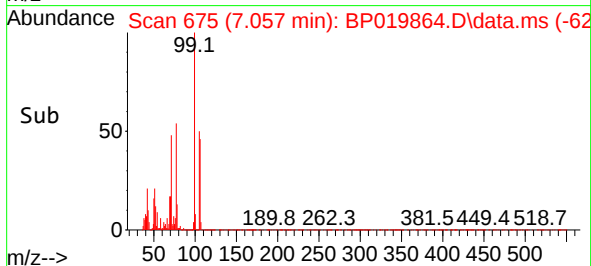
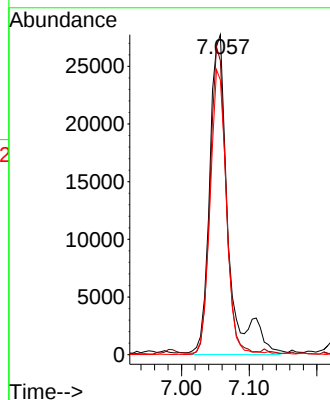
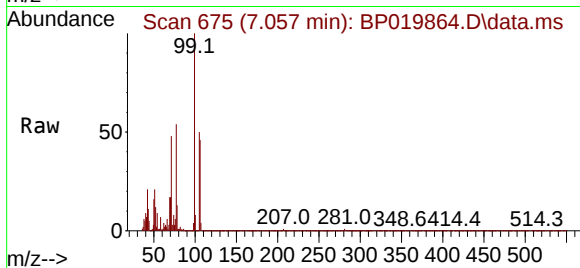
LKWD-BACKFILL-10MSD

Tgt Ion: 77	Resp: 5324
Ion Ratio	Lower Upper
77 100	
105 91.9	74.0 114.0
106 85.8	67.8 107.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#10

Phenol

Concen: 50.614 ng

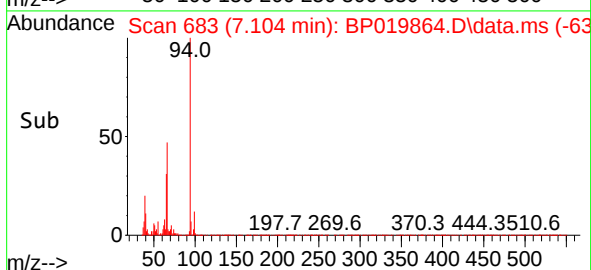
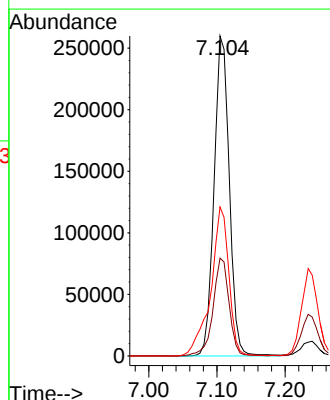
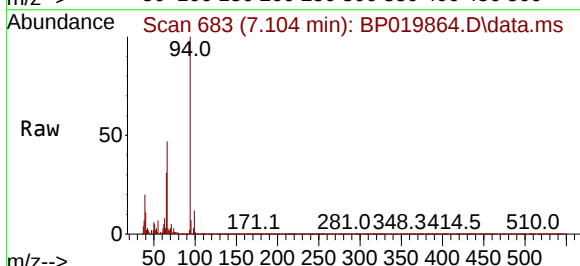
RT: 7.104 min Scan# 683

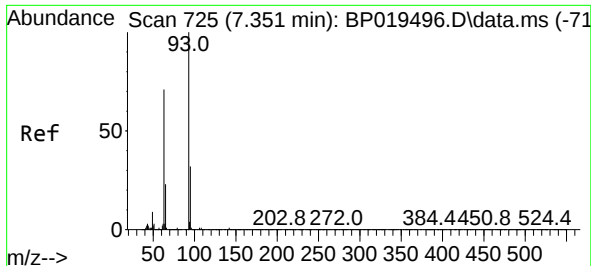
Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

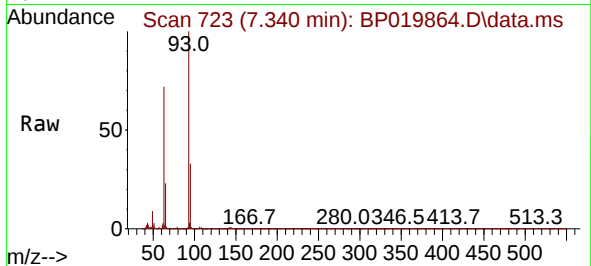
Tgt Ion: 94	Resp: 403924
Ion Ratio	Lower Upper
94 100	
65 30.6	11.3 51.3
66 46.6	25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 46.803 ng
RT: 7.340 min Scan# 719
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

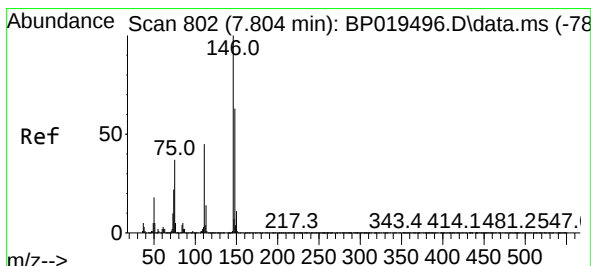
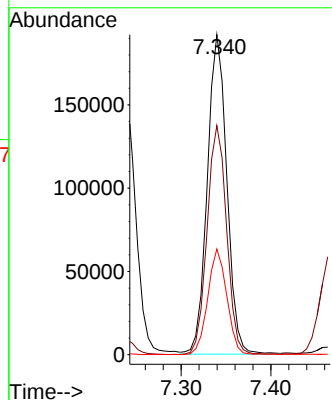
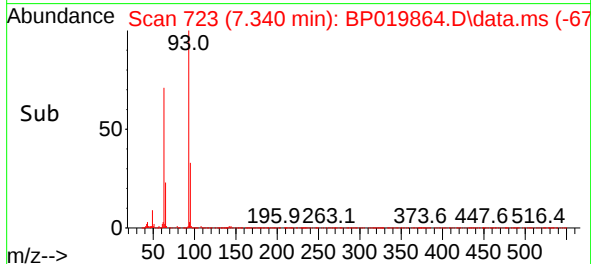
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



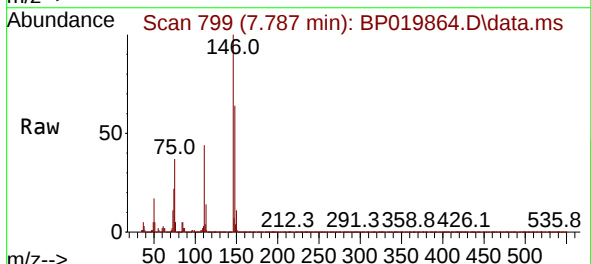
Tgt Ion: 93 Resp: 29058
Ion Ratio Lower Upper
93 100
63 71.6 51.2 91.2
95 33.0 11.8 51.8

Manual Integrations
APPROVED

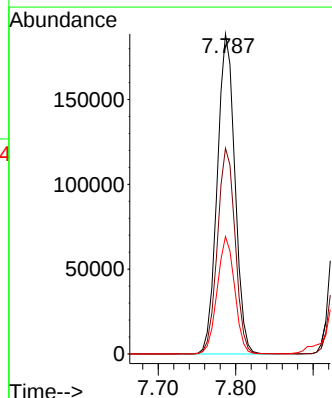
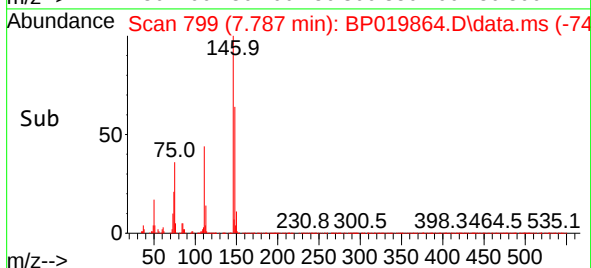
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#12
1,3-Dichlorobenzene
Concen: 40.164 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25



Tgt Ion:146 Resp: 299629
Ion Ratio Lower Upper
146 100
148 64.3 50.4 75.6
75 36.7 29.9 44.9





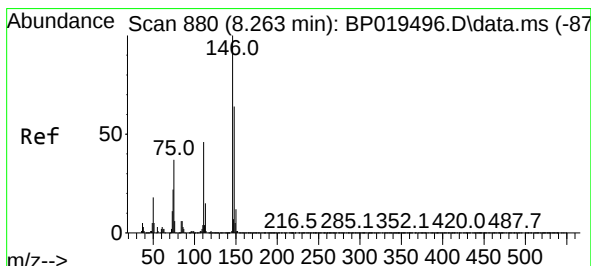
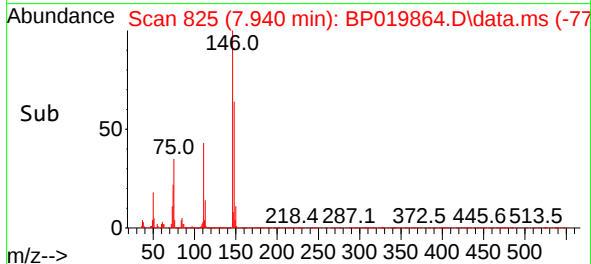
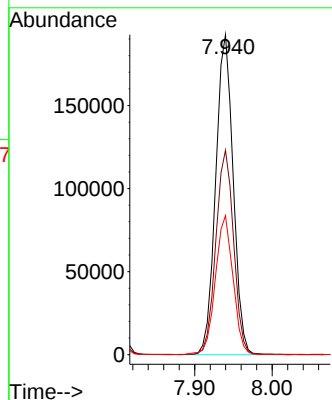
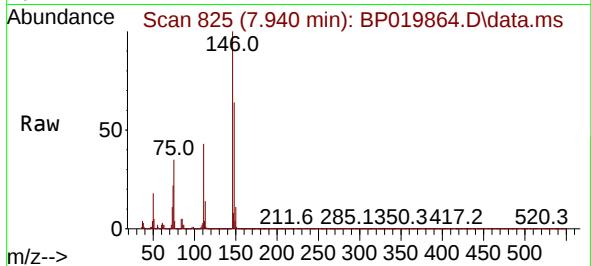
#13
1,4-Dichlorobenzene
Concen: 39.988 ng
RT: 7.940 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

Tgt Ion:146 Resp: 30223
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
111 43.5 35.8 53.6

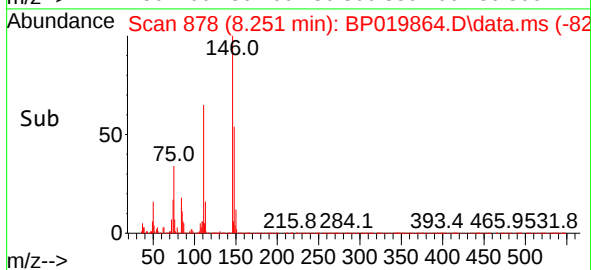
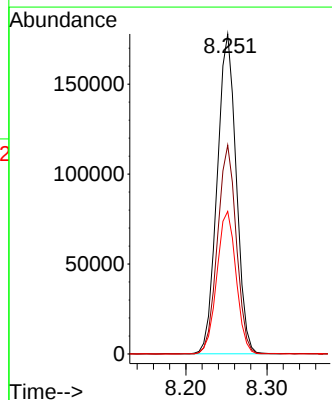
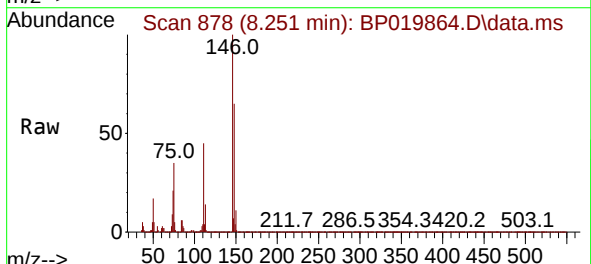
Manual Integrations
APPROVED

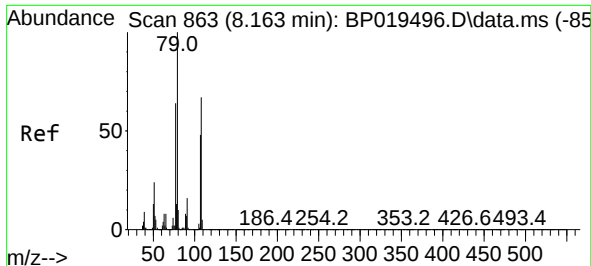
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#14
1,2-Dichlorobenzene
Concen: 39.700 ng
RT: 8.251 min Scan# 878
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:146 Resp: 290314
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.0
111 44.6 37.0 55.6





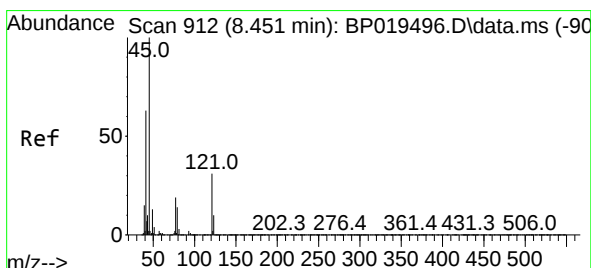
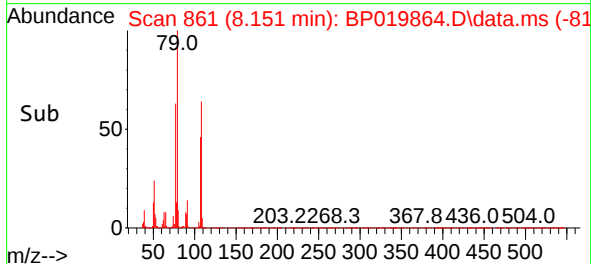
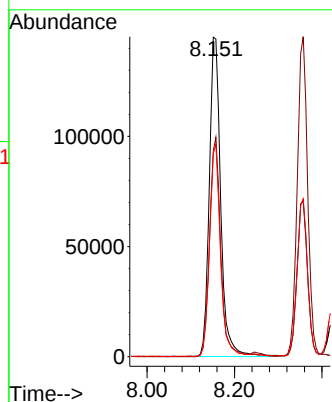
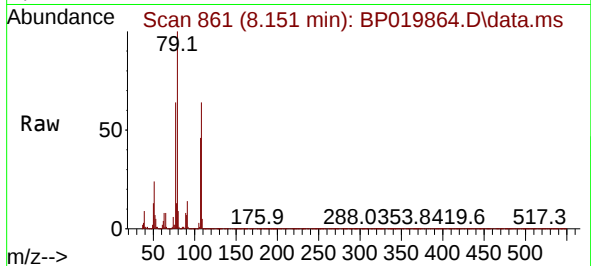
#15
Benzyl Alcohol
Concen: 41.261 ng
RT: 8.151 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

Tgt Ion: 79 Resp: 26397
Ion Ratio Lower Upper
79 100
108 64.5 53.8 80.6
77 63.5 51.3 76.9

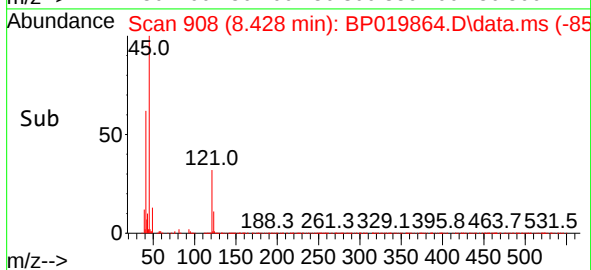
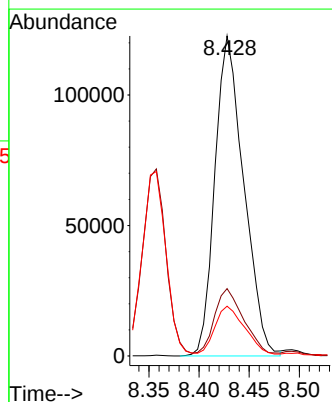
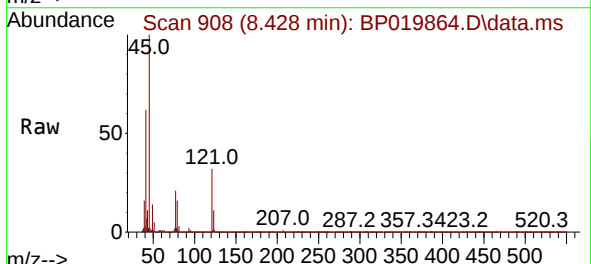
Manual Integrations
APPROVED

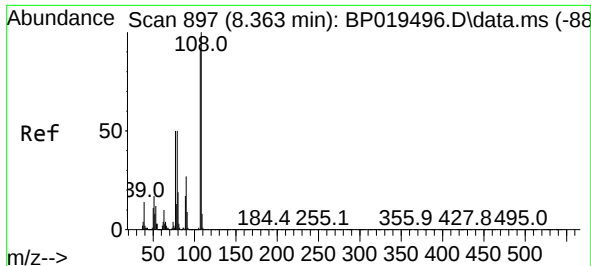
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.507 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

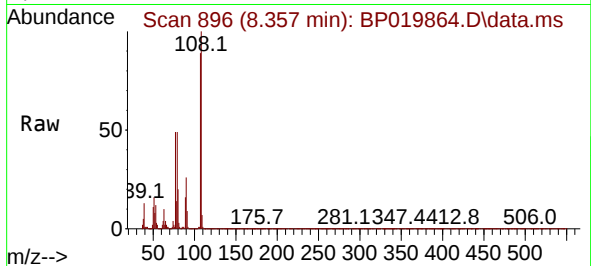
Tgt Ion: 45 Resp: 245285
Ion Ratio Lower Upper
45 100
77 21.0 0.8 40.8
79 15.6 0.0 35.5





#17
2-Methylphenol
Concen: 39.452 ng
RT: 8.357 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

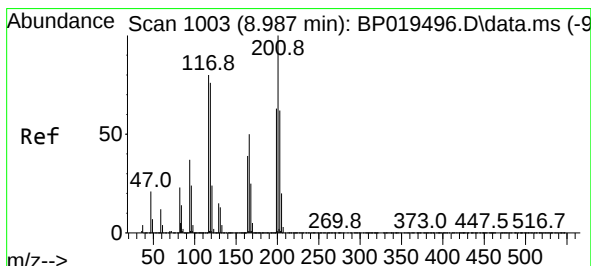
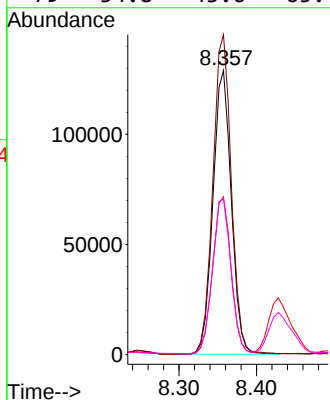
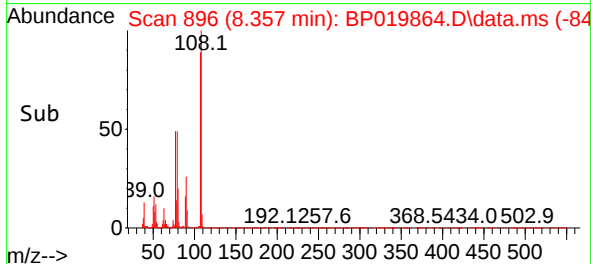
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



Tgt Ion:107 Resp: 211964
Ion Ratio Lower Upper
107 100
108 112.5 87.0 130.6
77 55.5 43.5 65.3
79 54.8 43.6 65.4

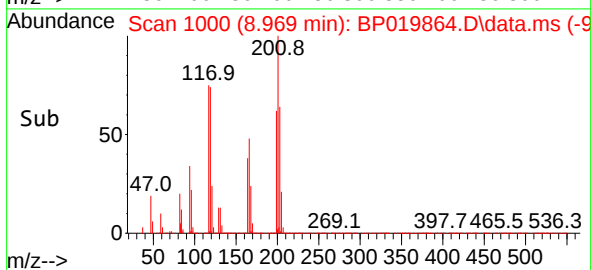
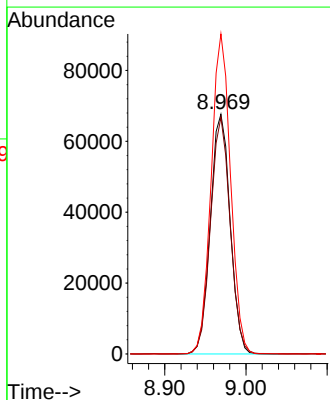
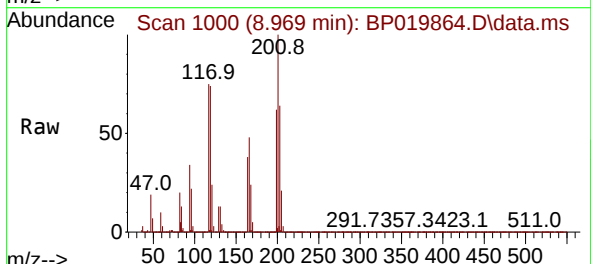
Manual Integrations
APPROVED

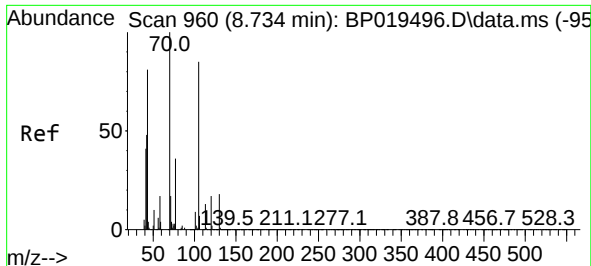
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#18
Hexachloroethane
Concen: 39.274 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

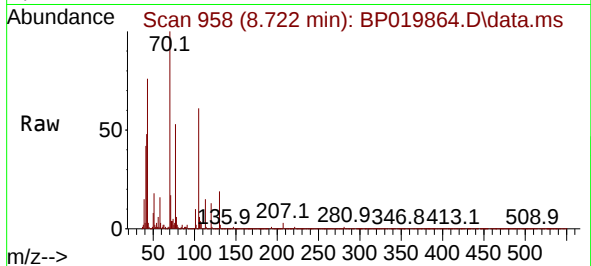
Tgt Ion:117 Resp: 115057
Ion Ratio Lower Upper
117 100
119 98.7 75.5 113.3
201 133.5 99.4 149.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.234 ng
RT: 8.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

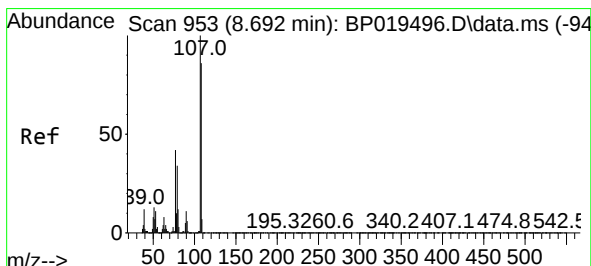
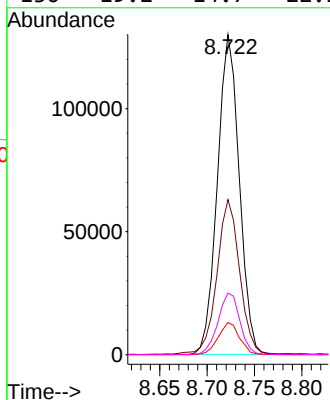
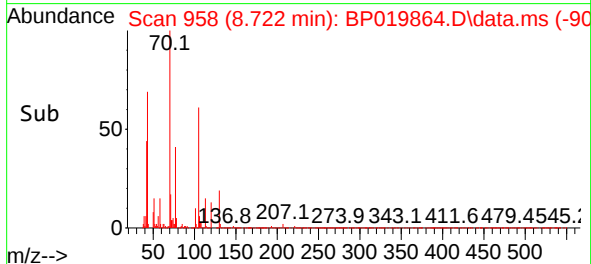
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



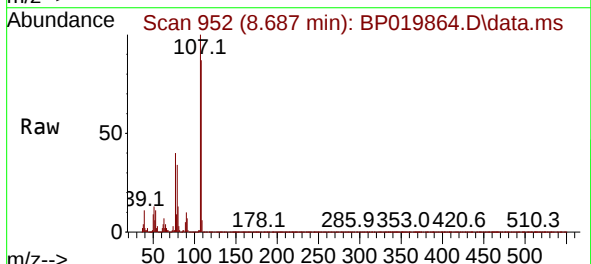
Tgt Ion: 70 Resp: 209110
Ion Ratio Lower Upper
70 100
42 48.5 39.2 58.8
101 10.1 7.3 10.9
130 19.2 14.7 22.1

Manual Integrations
APPROVED

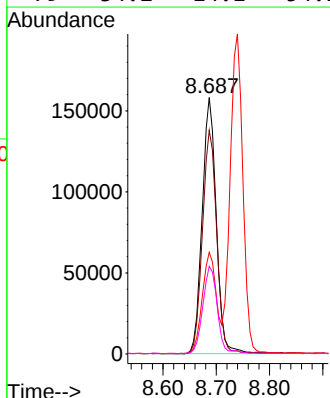
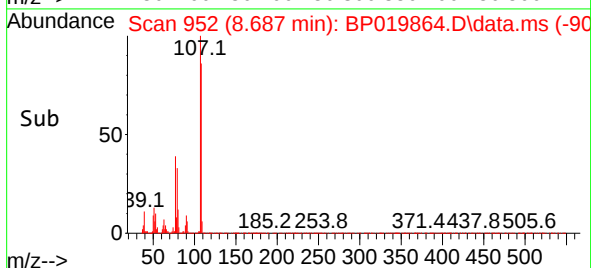
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

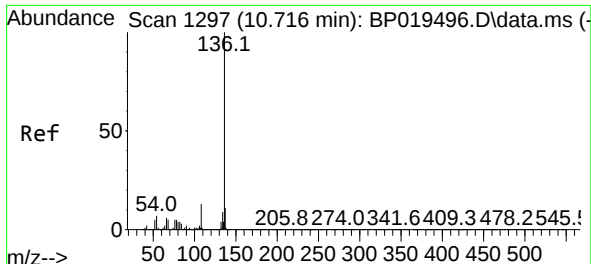


#20
3+4-Methylphenols
Concen: 39.678 ng
RT: 8.687 min Scan# 952
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25



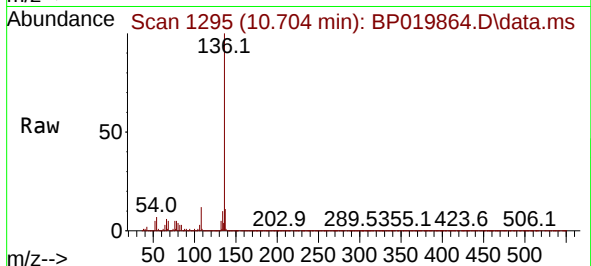
Tgt Ion:107 Resp: 290936
Ion Ratio Lower Upper
107 100
108 87.2 65.5 105.5
77 39.6 21.8 61.8
79 34.2 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

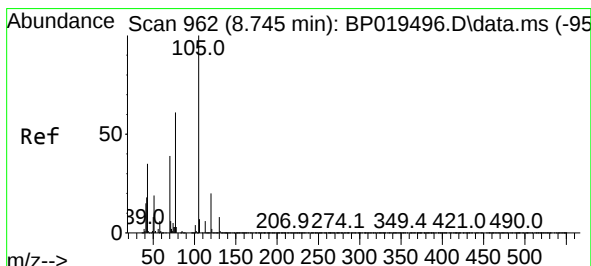
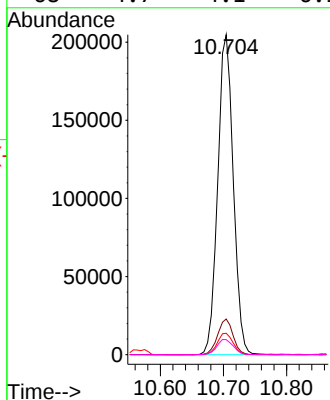
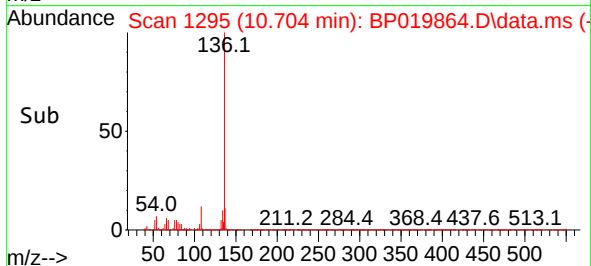
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



Tgt Ion:	136	Resp:	349779
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	6.7	5.3	7.9
68	4.7	4.1	6.1

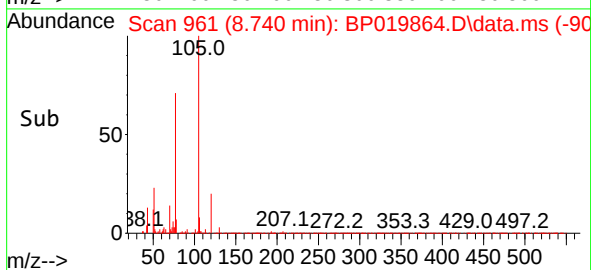
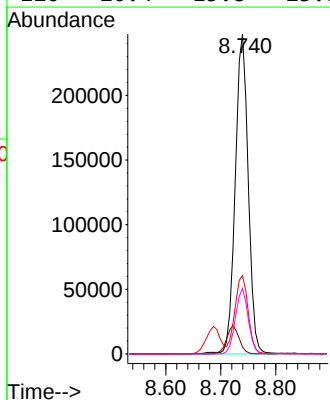
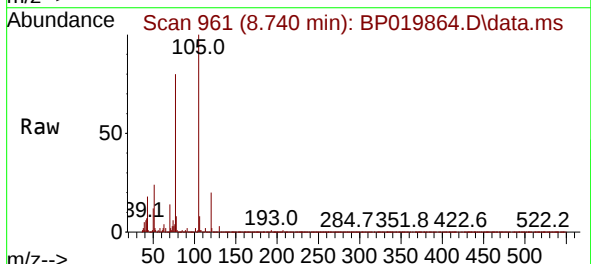
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#22
Acetophenone
Concen: 40.664 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:	105	Resp:	405200
Ion Ratio	Lower	Upper	
105	100		
71	2.2	4.9	7.3
51	24.5	20.7	31.1
120	20.4	15.8	23.8





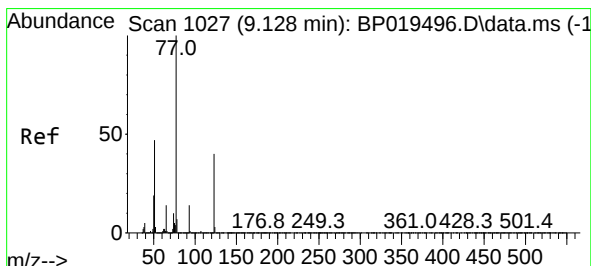
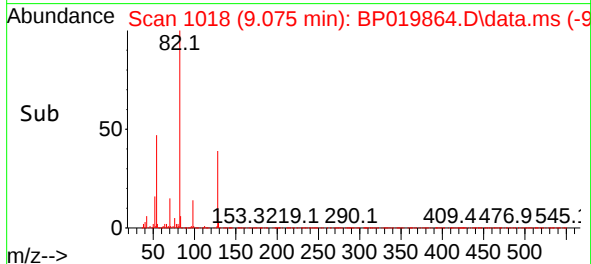
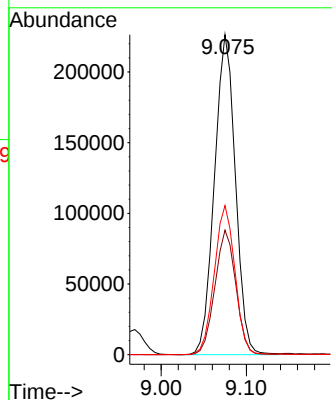
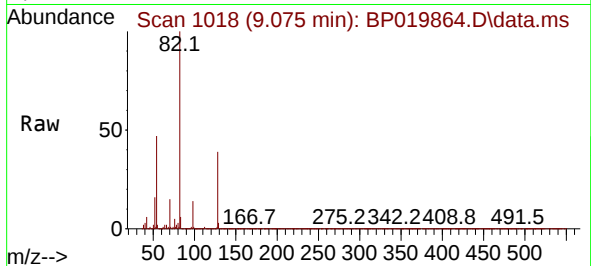
#23
Nitrobenzene-d5
Concen: 48.023 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

Tgt Ion: 82 Resp: 38765
Ion Ratio Lower Upper
82 100
128 38.9 29.7 44.5
54 46.6 36.8 55.2

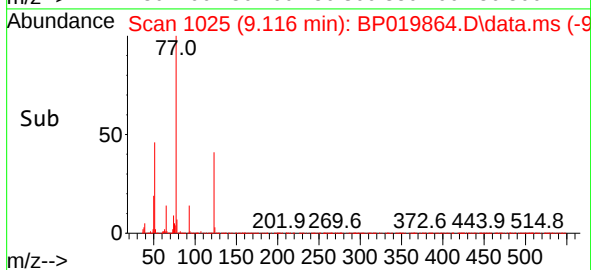
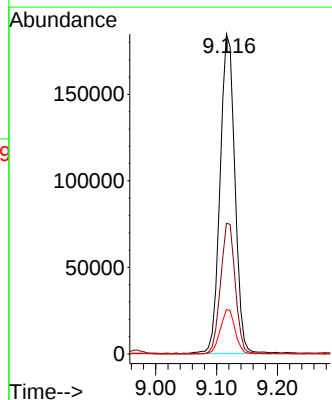
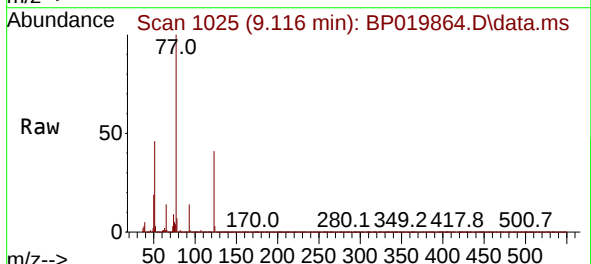
Manual Integrations
APPROVED

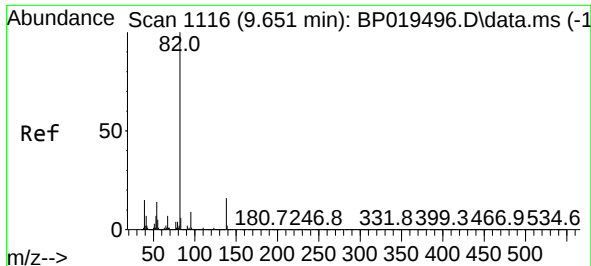
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#24
Nitrobenzene
Concen: 38.428 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

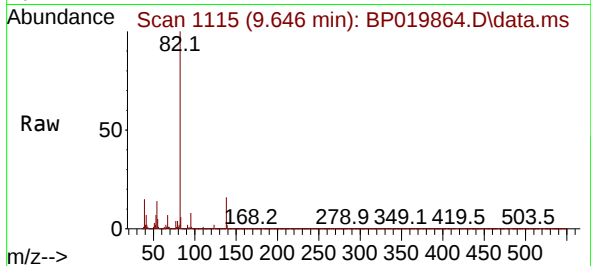
Tgt Ion: 77 Resp: 312321
Ion Ratio Lower Upper
77 100
123 40.9 32.3 48.5
65 13.9 11.6 17.4





#25
Isophorone
Concen: 39.938 ng
RT: 9.646 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

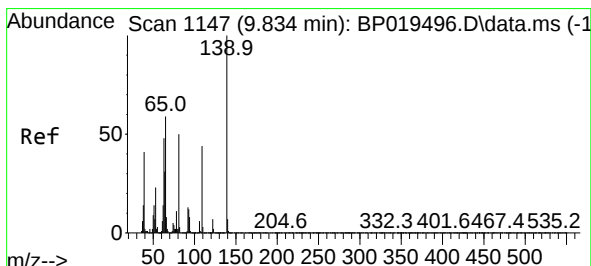
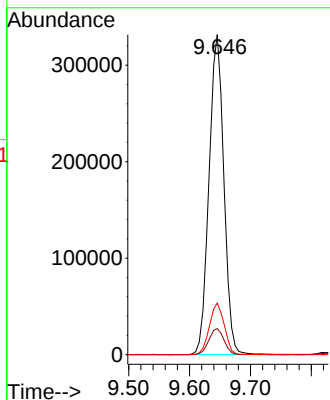
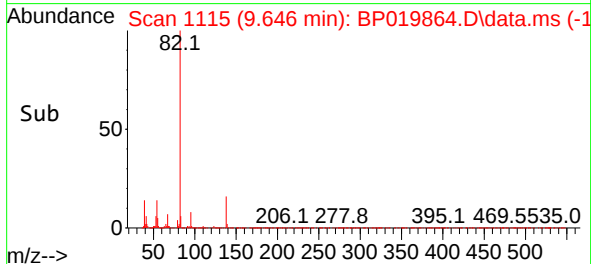
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



Tgt Ion: 82 Resp: 561450
Ion Ratio Lower Upper
82 100
95 8.1 7.0 10.4
138 16.1 13.1 19.7

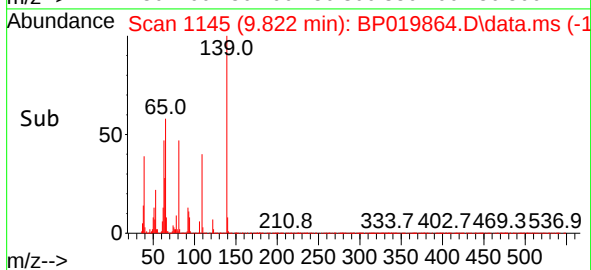
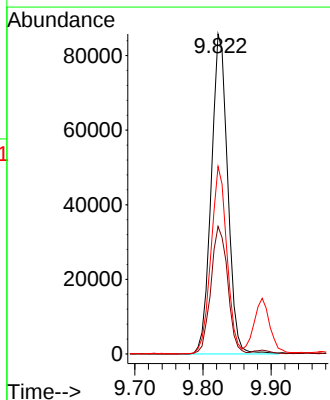
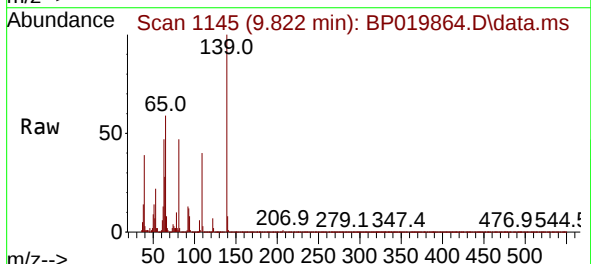
Manual Integrations
APPROVED

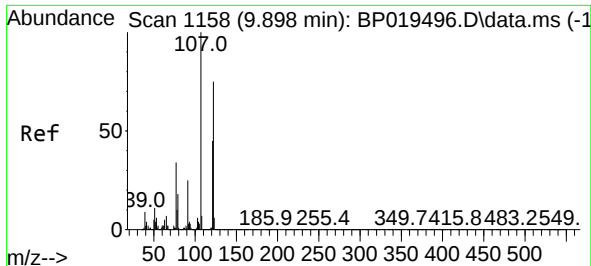
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#26
2-Nitrophenol
Concen: 46.475 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:139 Resp: 144023
Ion Ratio Lower Upper
139 100
109 39.8 34.9 52.3
65 58.6 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 47.333 ng

RT: 9.887 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BP019864.D

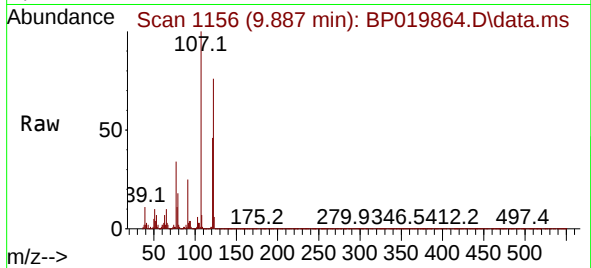
Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD



Tgt Ion:122 Resp: 187560

Ion Ratio Lower Upper

122 100

107 131.4 105.9 158.9

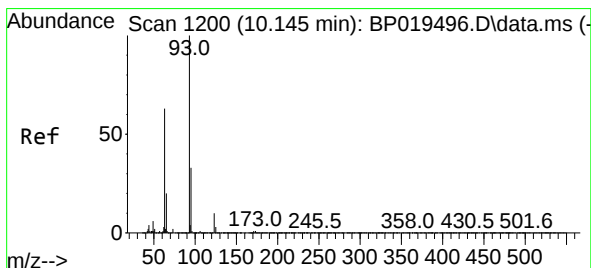
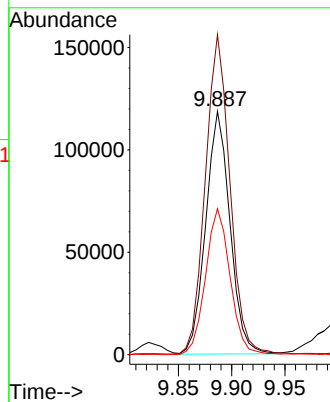
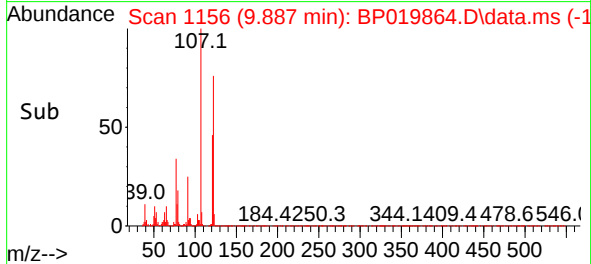
121 60.0 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024

Supervised By :mohammad ahmed 02/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.415 ng

RT: 10.128 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

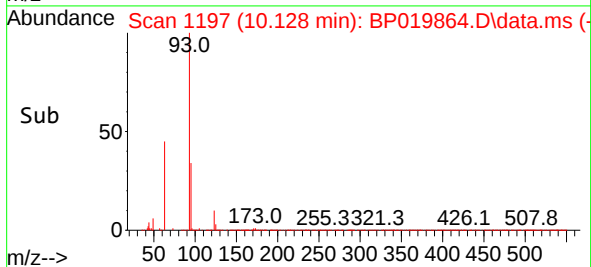
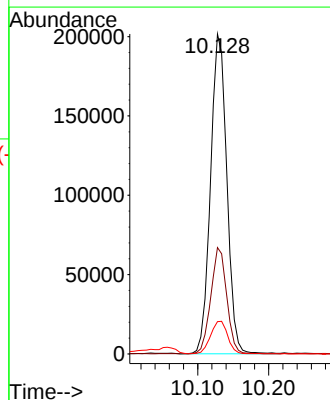
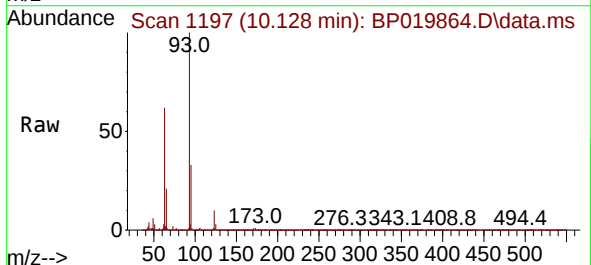
Tgt Ion: 93 Resp: 321461

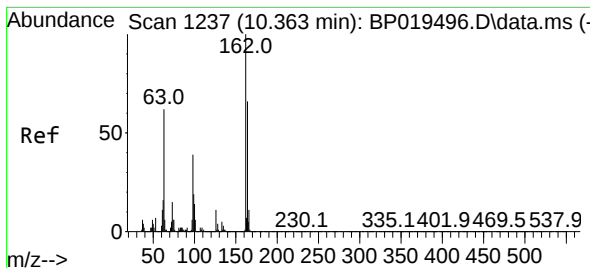
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

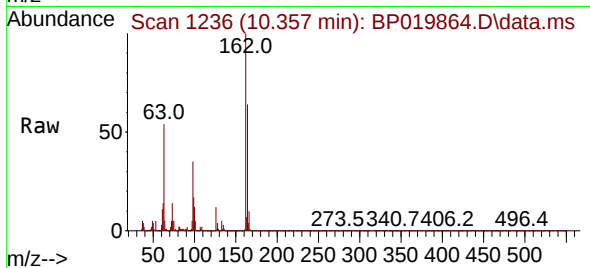
123 10.1 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 44.572 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

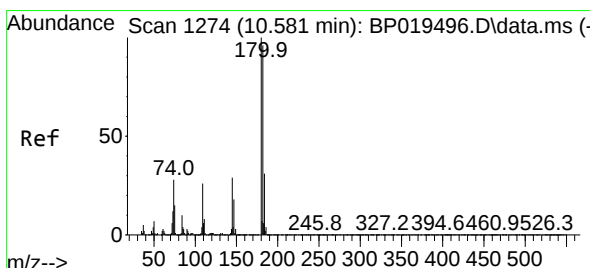
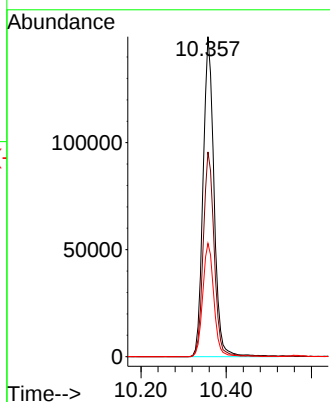
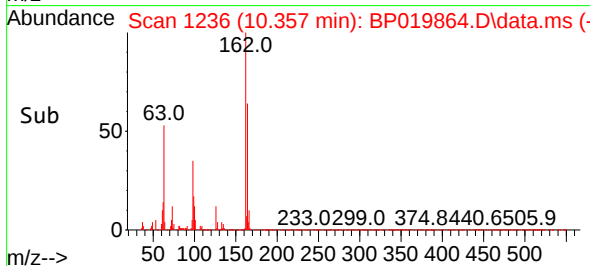
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



Tgt Ion:162 Resp: 26698
Ion Ratio Lower Upper
162 100
164 64.0 46.0 86.0
98 35.4 18.7 58.7

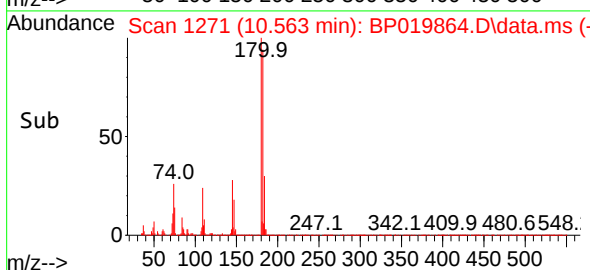
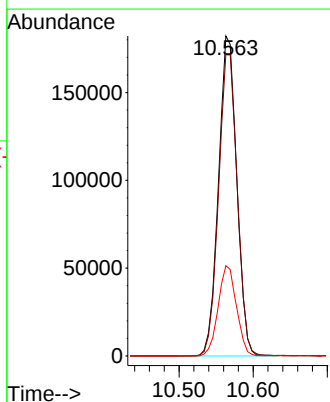
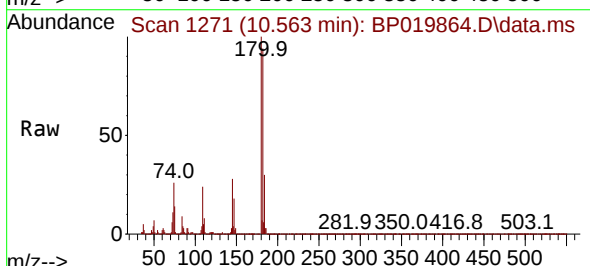
Manual Integrations
APPROVED

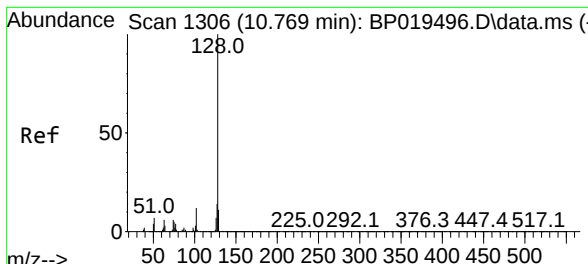
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.449 ng
RT: 10.563 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:180 Resp: 311768
Ion Ratio Lower Upper
180 100
182 94.5 77.0 115.6
145 28.2 23.2 34.8





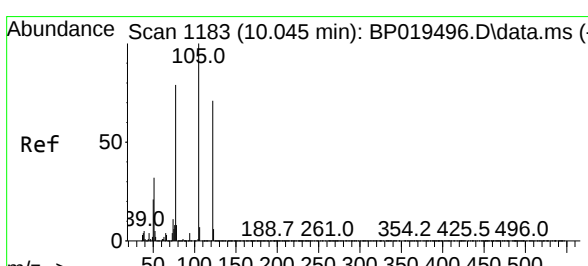
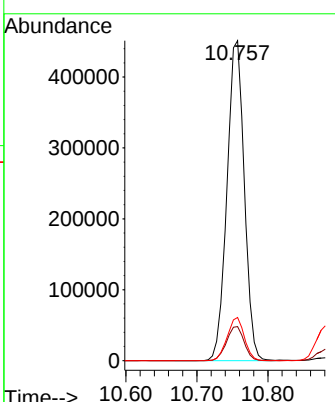
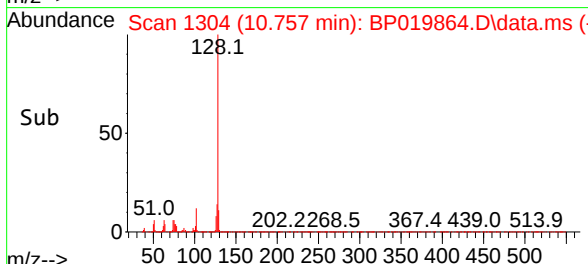
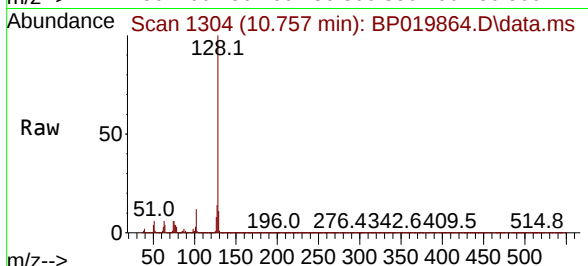
#31
Naphthalene
Concen: 39.955 ng
RT: 10.757 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Instrument : BNA_P
ClientSampleId : LKWD-BACKFILL-10MSD

Tgt Ion:128 Resp: 76648

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	13.5	10.8	16.2

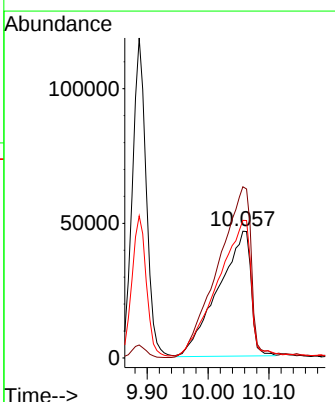
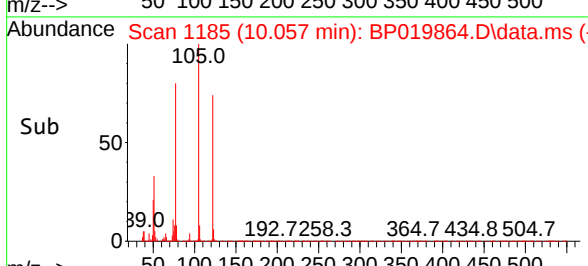
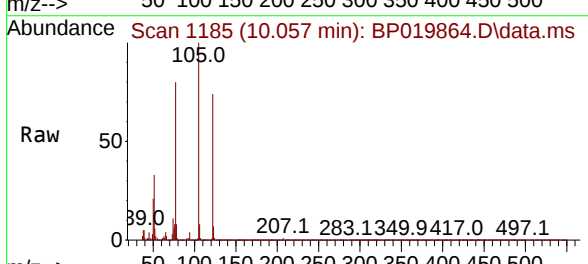
Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

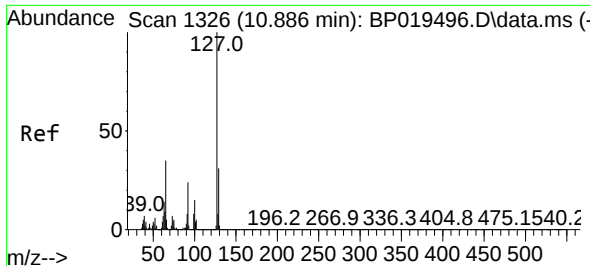


#32
Benzoic acid
Concen: 44.627 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:122 Resp: 172295

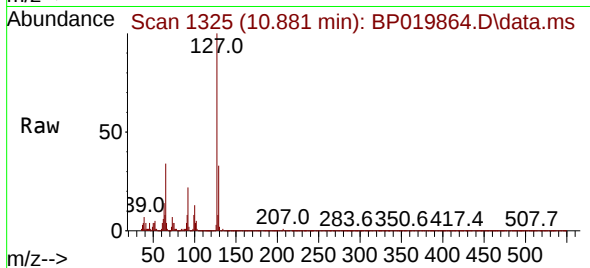
Ion	Ratio	Lower	Upper
122	100		
105	135.1	118.8	158.8
77	108.7	91.7	131.7





#33
4-Chloroaniline
Concen: 13.304 ng
RT: 10.881 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

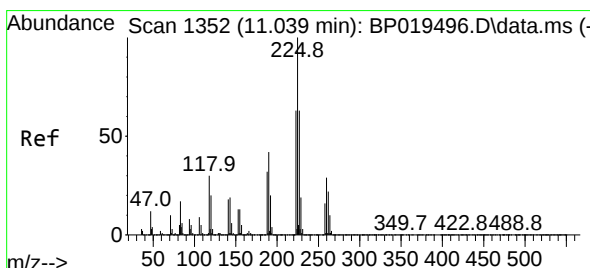
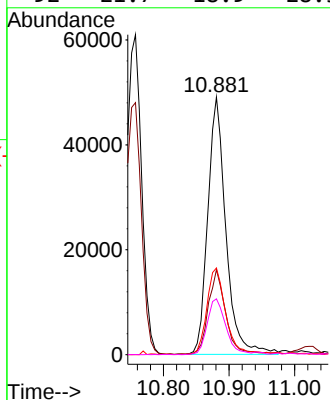
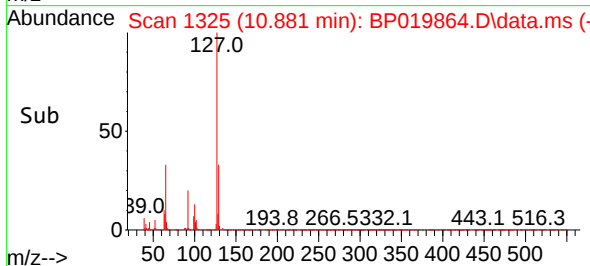
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.0	24.6	36.8
65	33.7	28.2	42.4
92	21.7	18.9	28.3

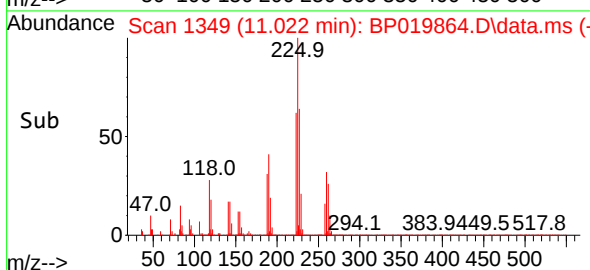
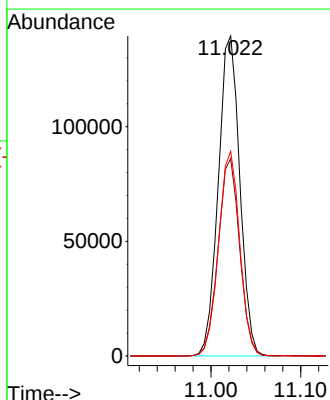
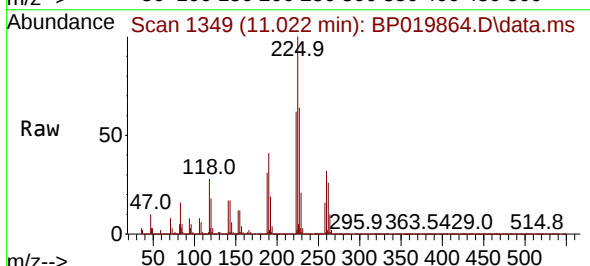
Manual Integrations
APPROVED

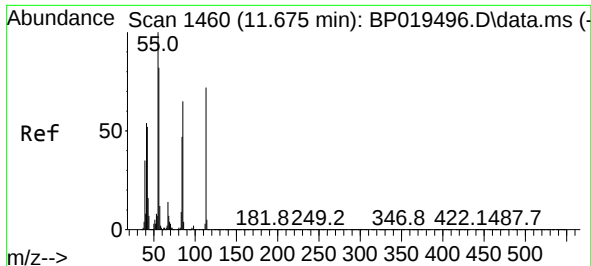
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#34
Hexachlorobutadiene
Concen: 42.687 ng
RT: 11.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

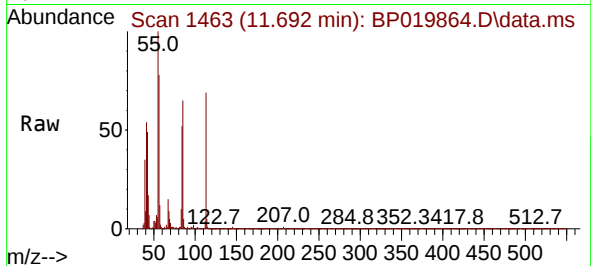
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.5	75.7
227	64.0	50.2	75.2





#35
Caprolactam
Concen: 44.214 ng
RT: 11.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

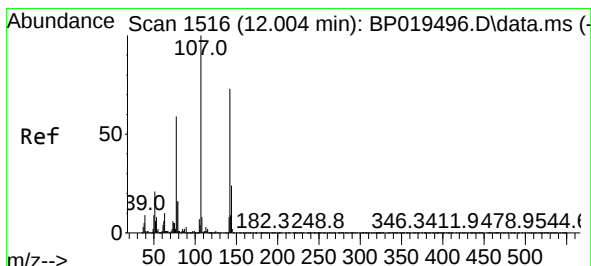
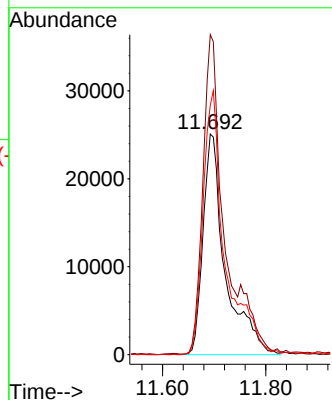
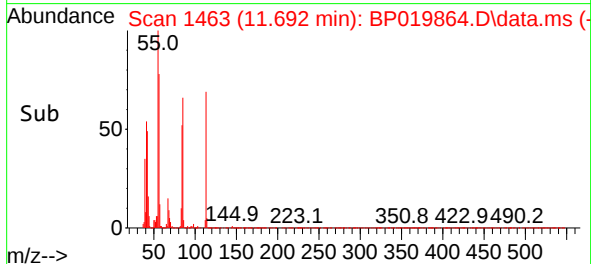
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



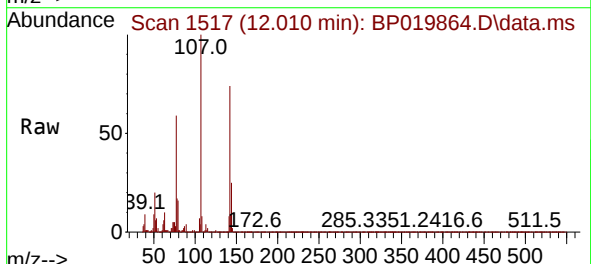
Tgt Ion:113 Resp: 7497
Ion Ratio Lower Upper
113 100
55 145.0 120.0 160.0
56 113.0 94.0 134.0

Manual Integrations
APPROVED

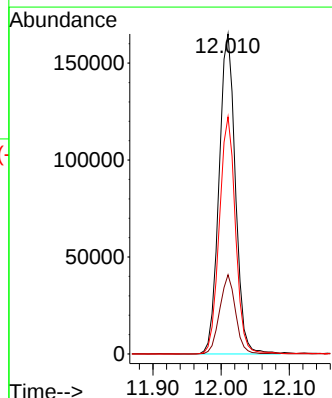
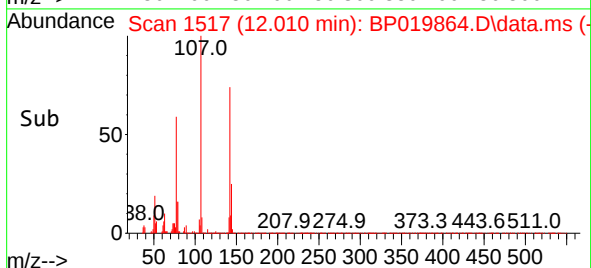
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

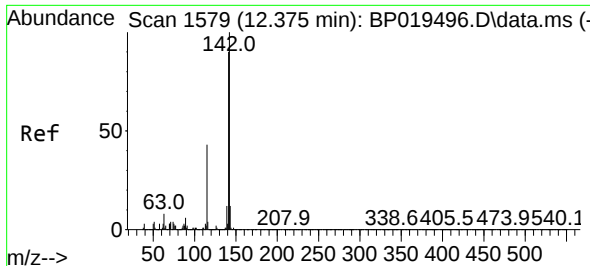


#36
4-Chloro-3-methylphenol
Concen: 42.241 ng
RT: 12.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25



Tgt Ion:107 Resp: 275898
Ion Ratio Lower Upper
107 100
144 24.8 19.0 28.4
142 74.1 58.6 88.0





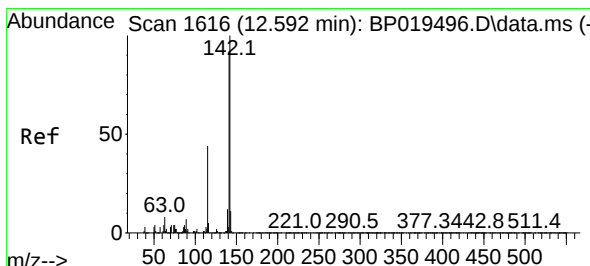
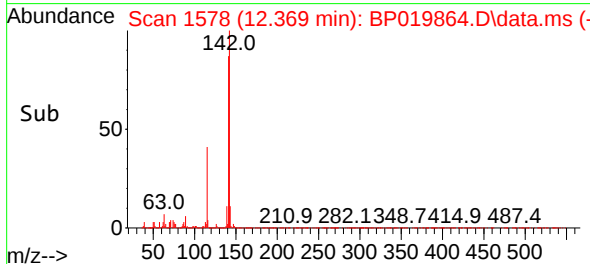
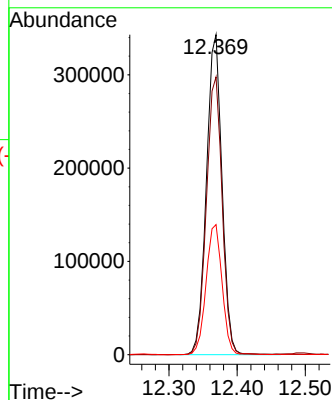
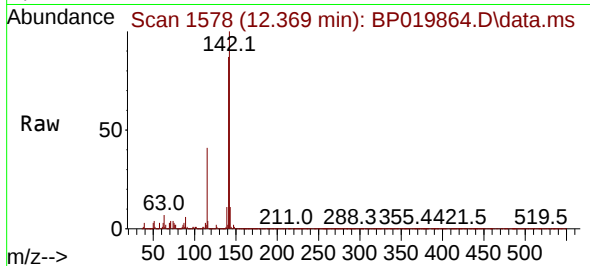
#37
2-Methylnaphthalene
Concen: 41.055 ng
RT: 12.369 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

Tgt Ion:142 Resp: 545049
Ion Ratio Lower Upper
142 100
141 86.8 72.2 108.4
115 40.7 34.2 51.2

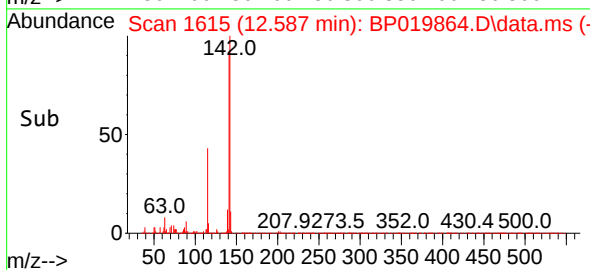
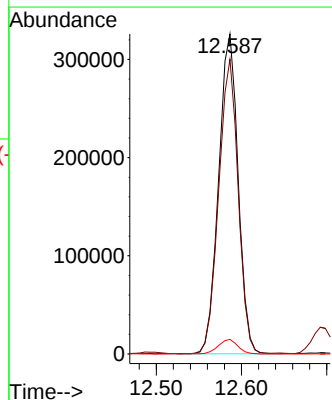
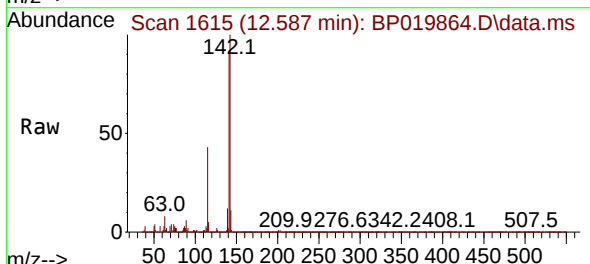
Manual Integrations
APPROVED

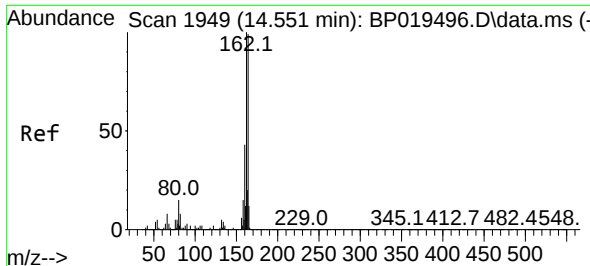
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#38
1-Methylnaphthalene
Concen: 39.682 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

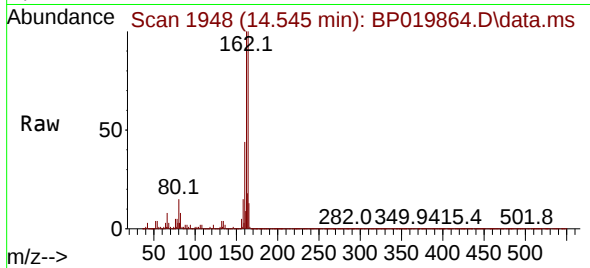
Tgt Ion:142 Resp: 517708
Ion Ratio Lower Upper
142 100
141 92.1 74.0 111.0
116 4.5 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

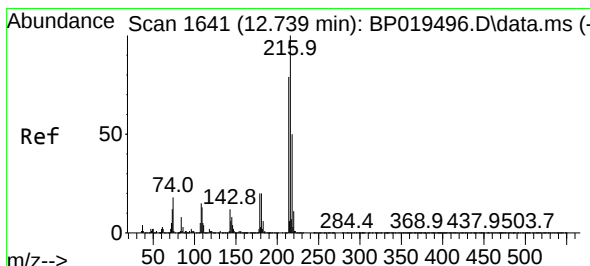
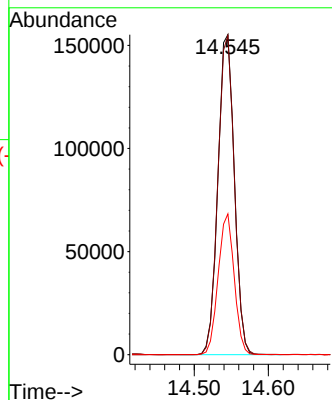
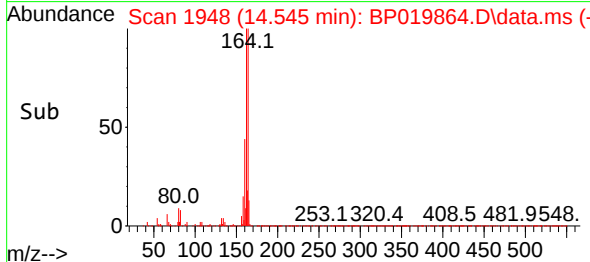
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



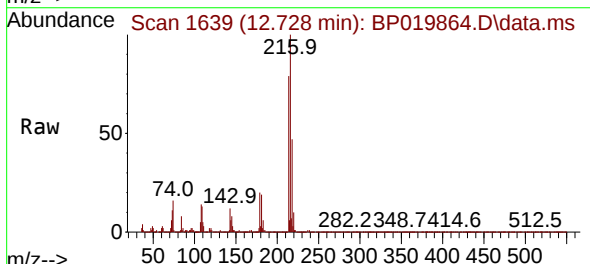
Tgt Ion:164 Resp: 23915
Ion Ratio Lower Upper
164 100
162 99.8 81.2 121.8
160 44.0 35.1 52.7

Manual Integrations
APPROVED

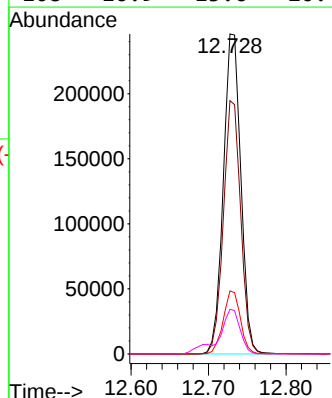
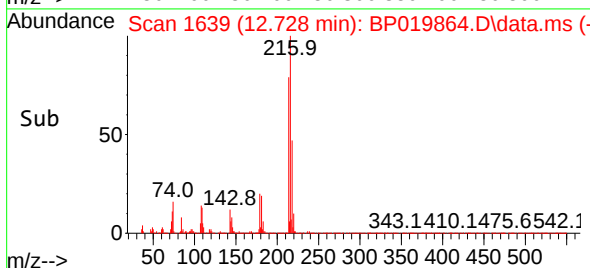
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

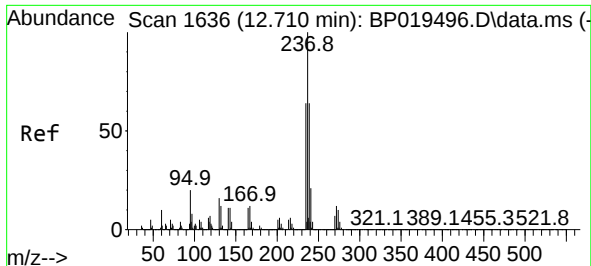


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.916 ng
RT: 12.728 min Scan# 1639
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25



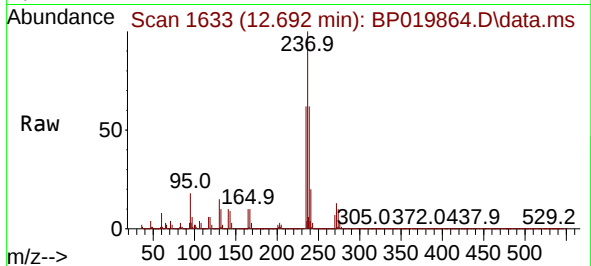
Tgt Ion:216 Resp: 386600
Ion Ratio Lower Upper
216 100
214 78.3 62.8 94.2
179 19.5 16.6 24.8
108 16.9 13.6 20.4





#41
Hexachlorocyclopentadiene
Concen: 107.236 ng
RT: 12.692 min Scan# 1633
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

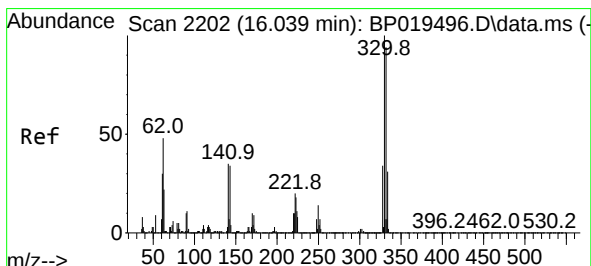
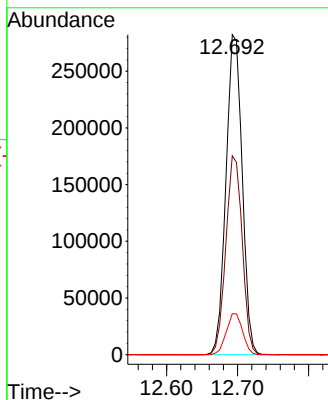
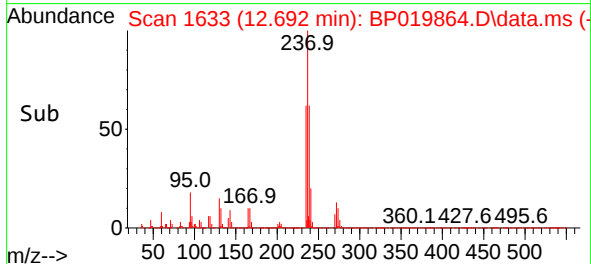
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



Tgt Ion: 237 Resp: 44680
Ion Ratio Lower Upper
237 100
235 62.2 43.7 83.7
272 12.8 0.0 32.4

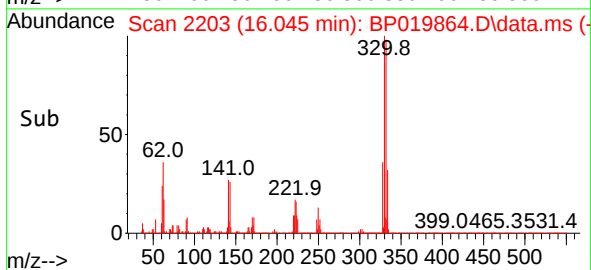
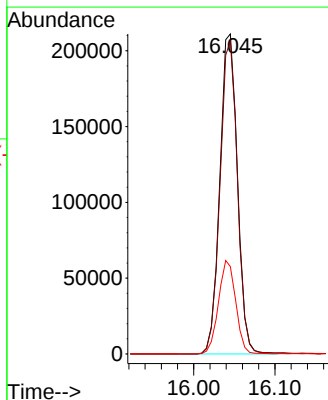
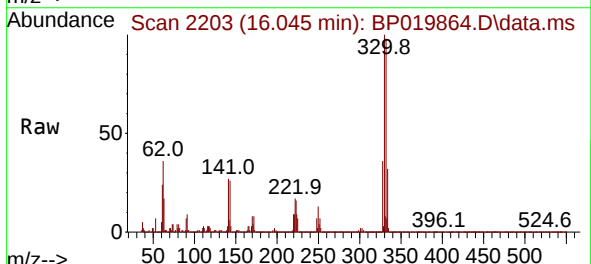
Manual Integrations
APPROVED

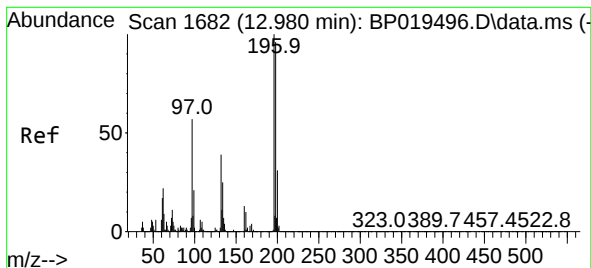
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#42
2,4,6-Tribromophenol
Concen: 91.167 ng
RT: 16.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion: 330 Resp: 318336
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 28.7 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 42.773 ng

RT: 12.981 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

Tgt Ion:196 Resp: 23888

Ion Ratio Lower Upper

196 100

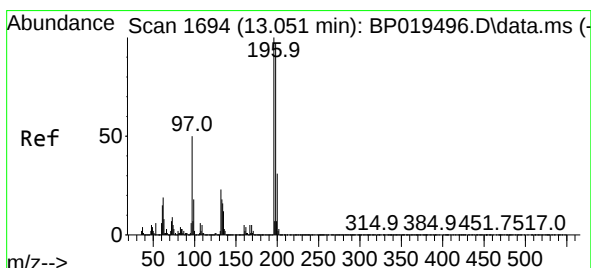
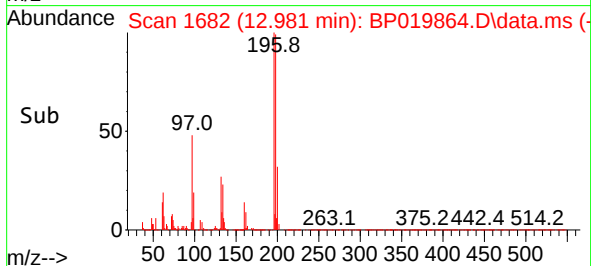
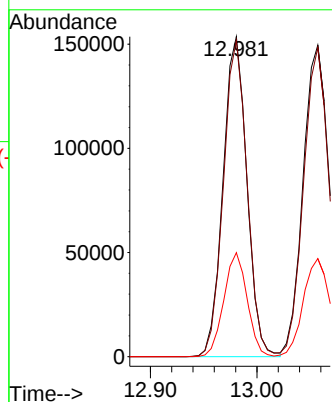
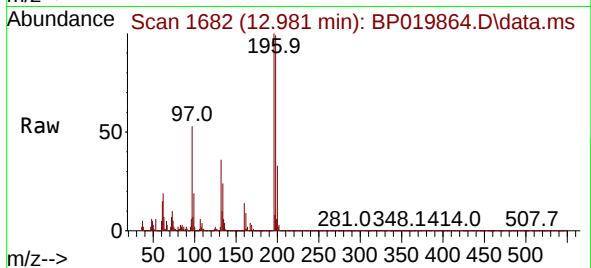
198 98.9 76.7 115.1

200 32.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#44

2,4,5-Trichlorophenol

Concen: 42.280 ng

RT: 13.057 min Scan# 1695

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Tgt Ion:196 Resp: 259287

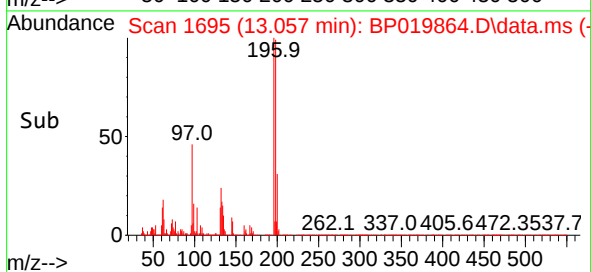
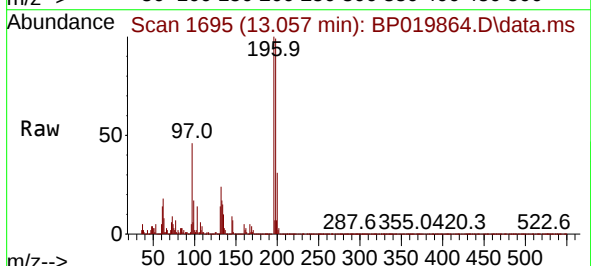
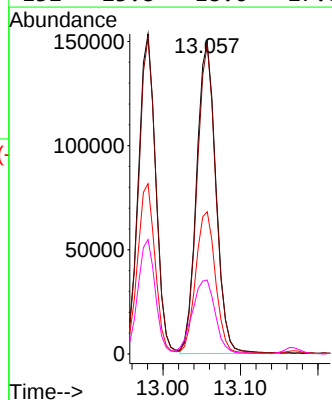
Ion Ratio Lower Upper

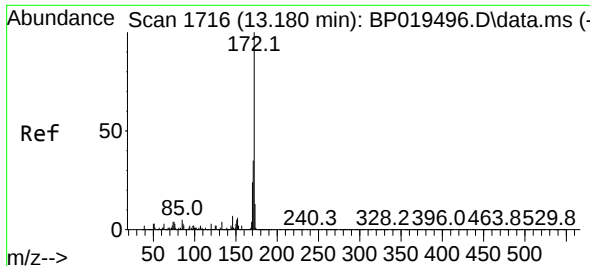
196 100

198 99.3 77.5 116.3

97 45.6 39.9 59.9

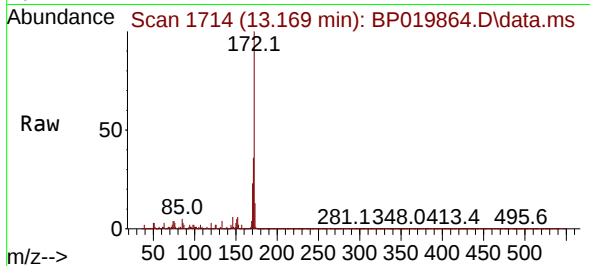
132 23.8 18.6 27.8





#45
2-Fluorobiphenyl
Concen: 47.918 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

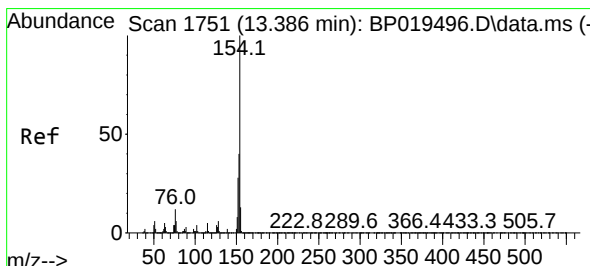
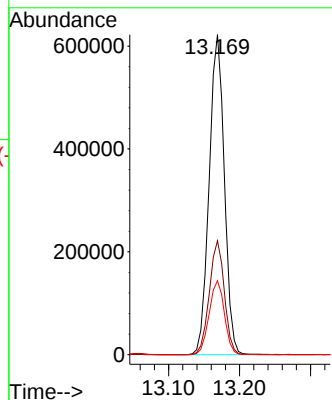
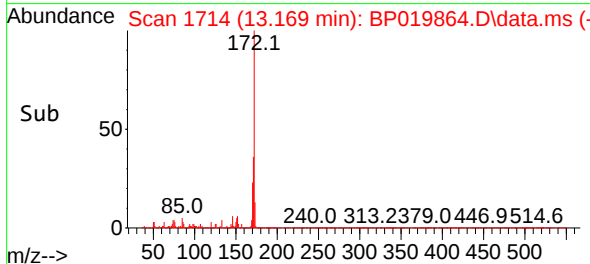
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



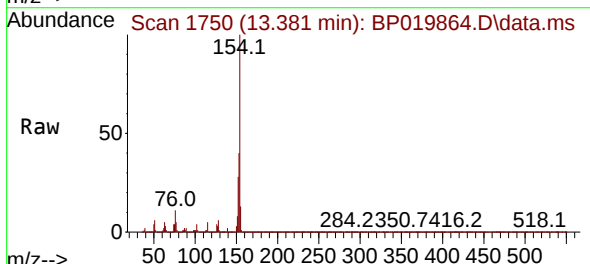
Tgt Ion:172 Resp: 92699
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.1 18.9 28.3

Manual Integrations
APPROVED

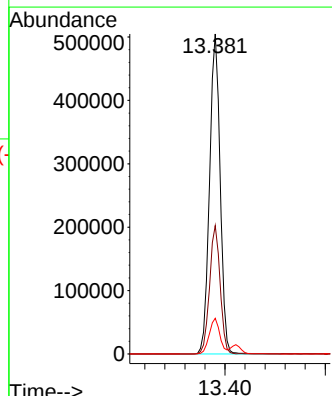
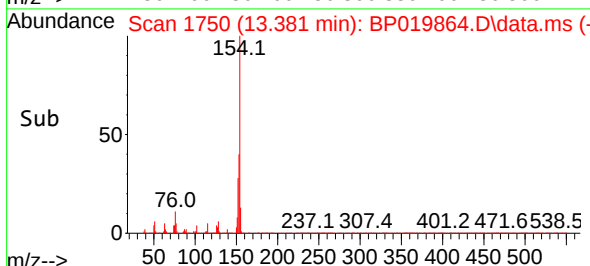
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

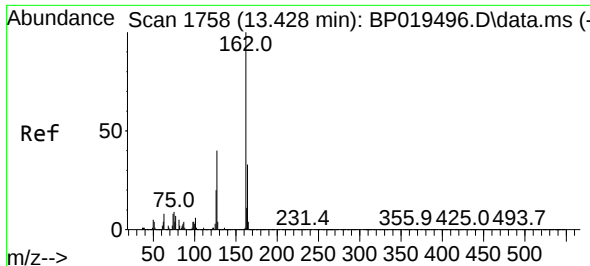


#46
1,1'-Biphenyl
Concen: 38.828 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25



Tgt Ion:154 Resp: 741124
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 11.2 0.0 31.6





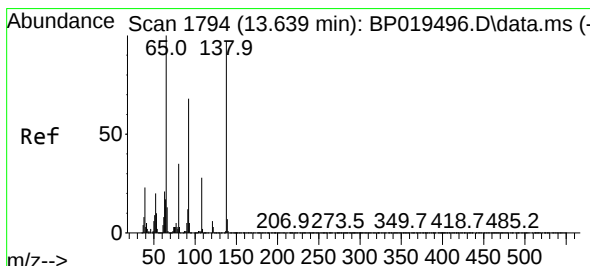
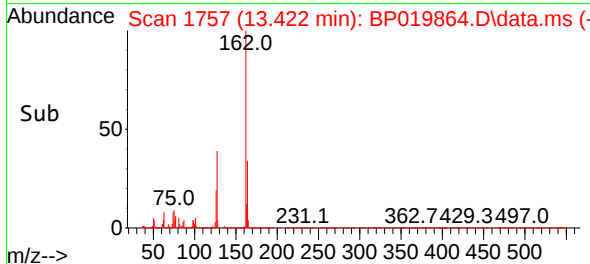
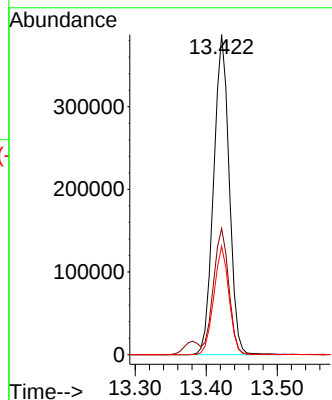
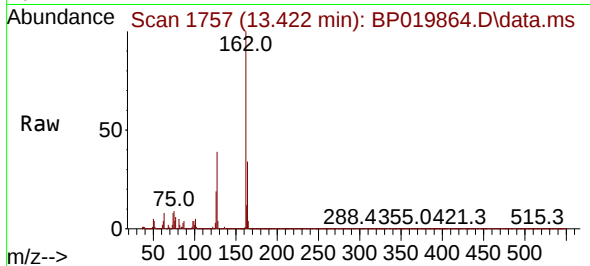
#47
2-Chloronaphthalene
Concen: 37.565 ng
RT: 13.422 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

Tgt Ion:162 Resp: 58859
Ion Ratio Lower Upper
162 100
127 39.5 32.1 48.1
164 33.8 26.7 40.1

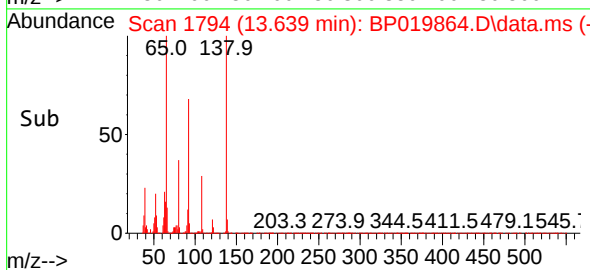
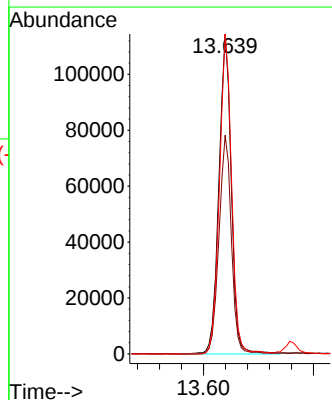
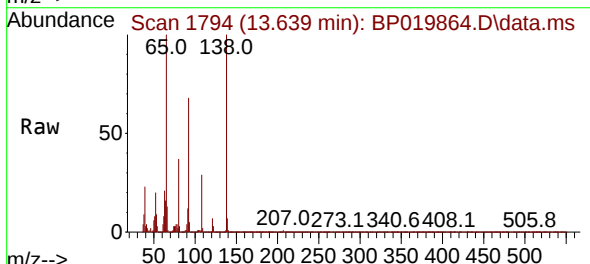
Manual Integrations
APPROVED

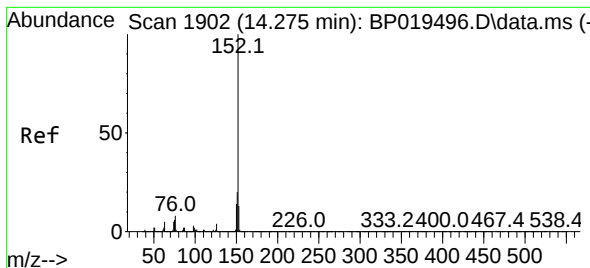
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#48
2-Nitroaniline
Concen: 40.698 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion: 65 Resp: 178310
Ion Ratio Lower Upper
65 100
92 68.4 54.7 82.1
138 100.1 77.8 116.6





#49

Acenaphthylene

Concen: 42.346 ng

RT: 14.269 min Scan# 1901

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

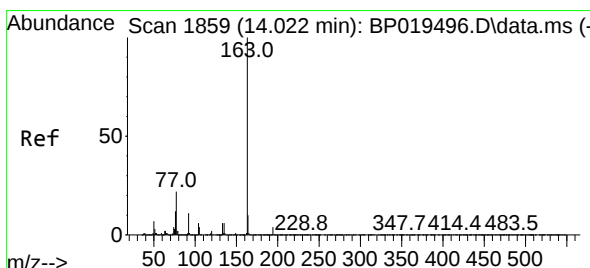
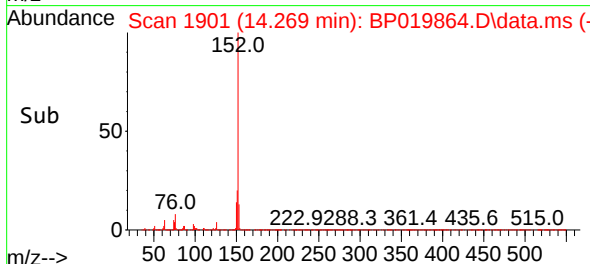
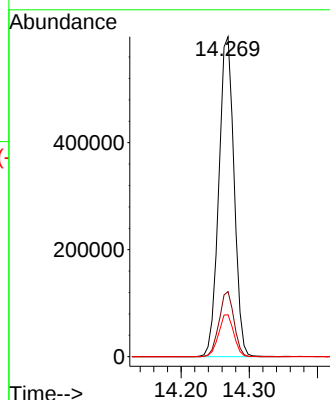
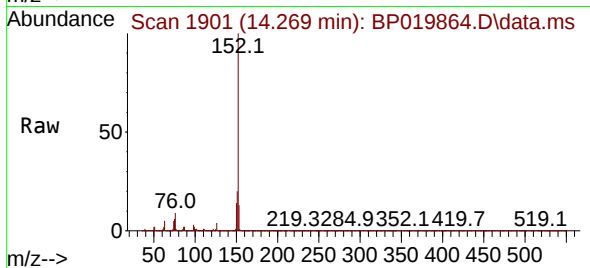
LKWD-BACKFILL-10MSD

Tgt Ion:152	Resp: 93086
Ion Ratio	Lower Upper
152 100	
151 20.3	15.8 23.6
153 13.1	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#50

Dimethylphthalate

Concen: 41.145 ng

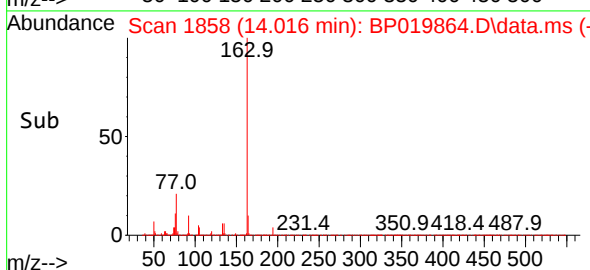
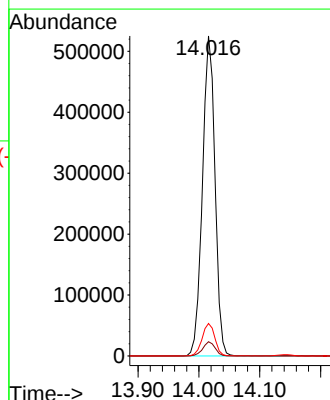
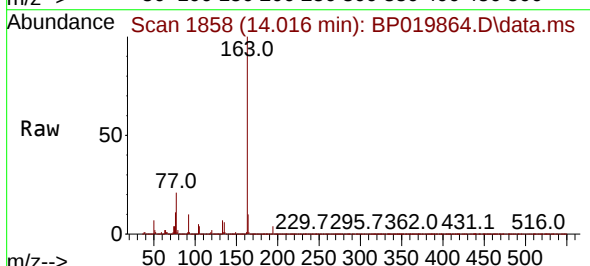
RT: 14.016 min Scan# 1858

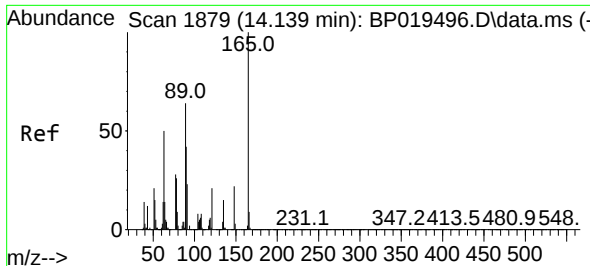
Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

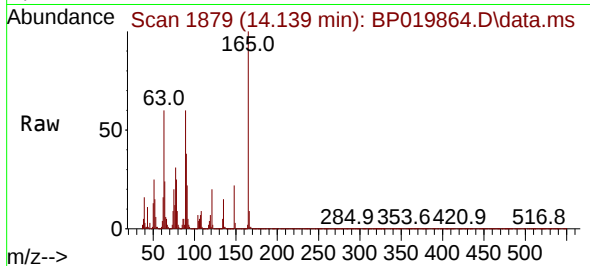
Tgt Ion:163	Resp: 753275
Ion Ratio	Lower Upper
163 100	
194 4.4	3.4 5.2
164 10.1	7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 41.973 ng
RT: 14.139 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

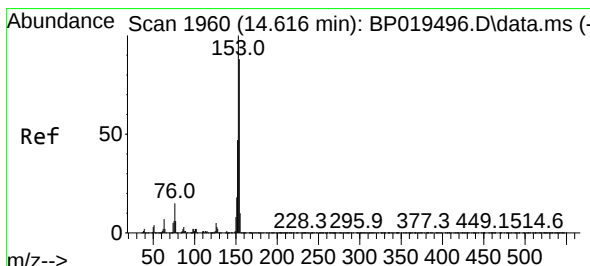
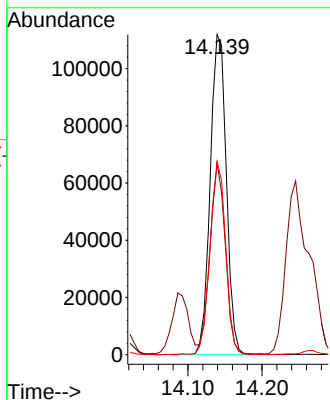
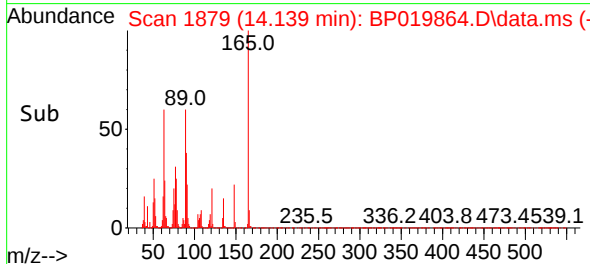
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



Tgt Ion:165 Resp: 168830
Ion Ratio Lower Upper
165 100
63 59.7 50.4 75.6
89 60.3 51.7 77.5

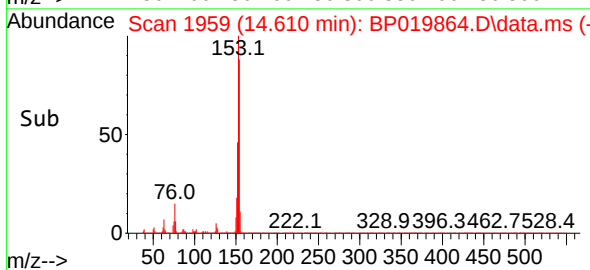
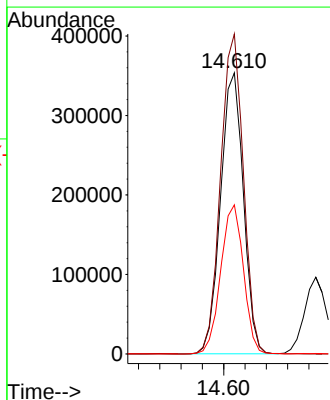
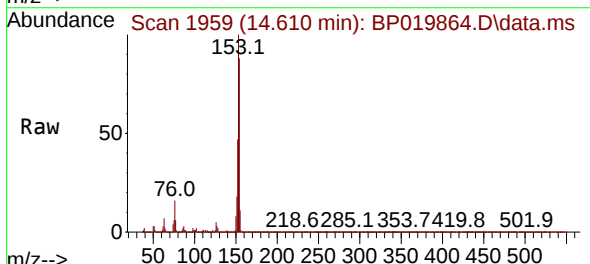
Manual Integrations
APPROVED

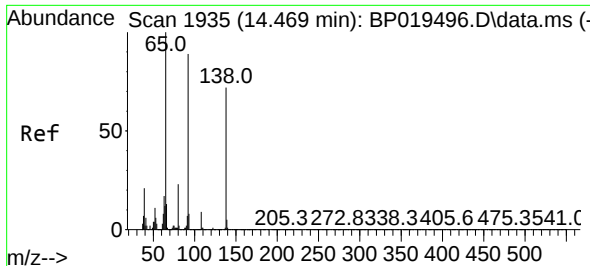
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#52
Acenaphthene
Concen: 38.533 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:154 Resp: 525720
Ion Ratio Lower Upper
154 100
153 113.8 90.5 135.7
152 53.1 42.1 63.1





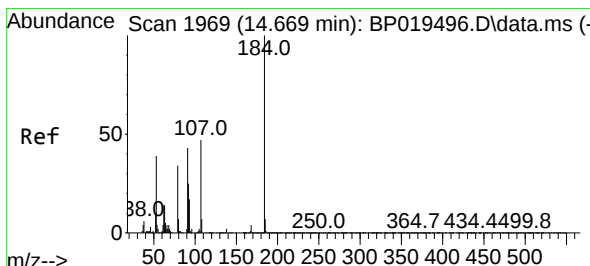
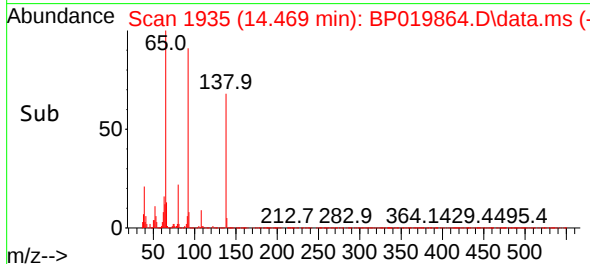
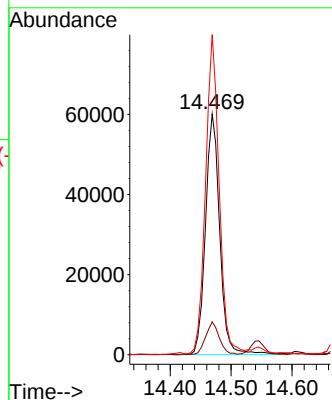
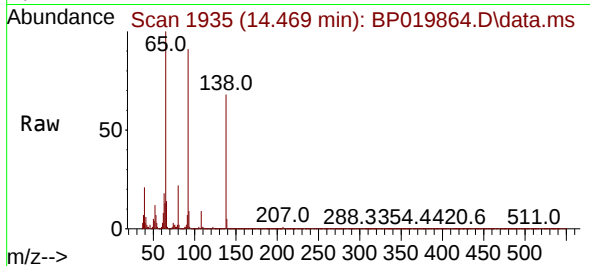
#53
3-Nitroaniline
Concen: 26.486 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

Tgt Ion:138 Resp: 97908
Ion Ratio Lower Upper
138 100
108 13.6 9.7 14.5
92 133.0 98.0 147.0

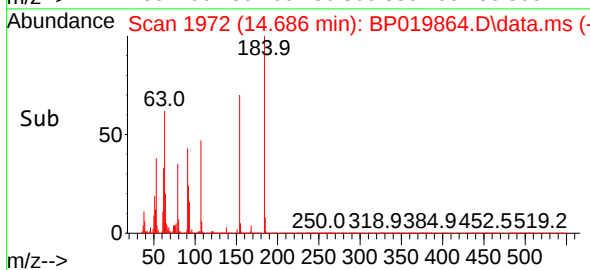
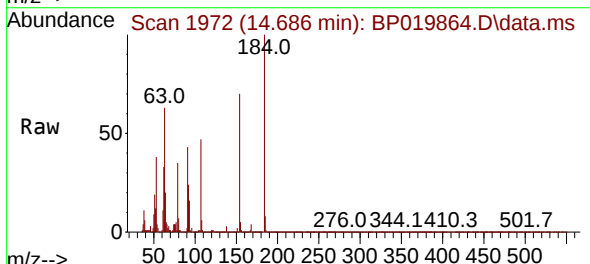
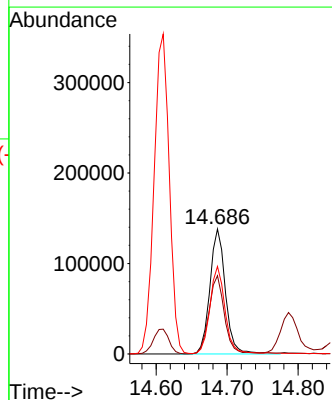
Manual Integrations
APPROVED

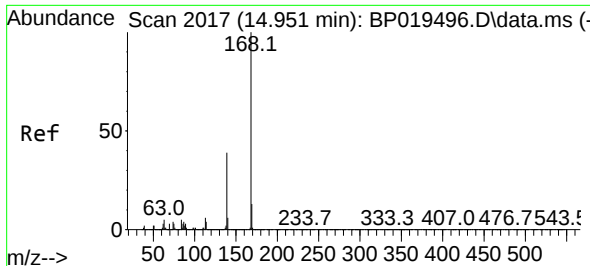
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#54
2,4-Dinitrophenol
Concen: 100.916 ng
RT: 14.686 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:184 Resp: 210758
Ion Ratio Lower Upper
184 100
63 62.6 50.5 75.7
154 70.0 53.4 80.0





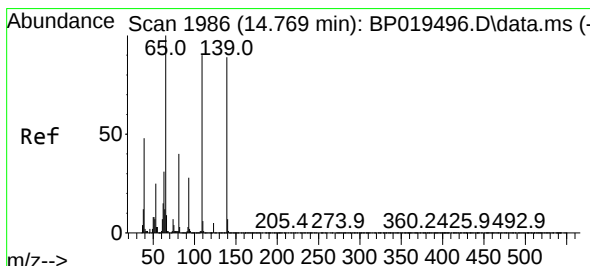
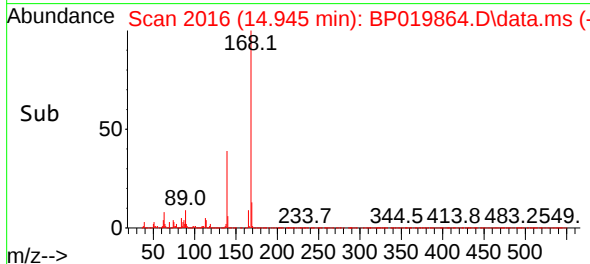
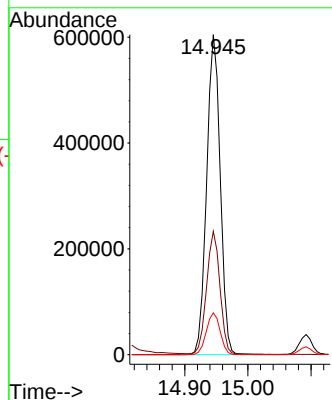
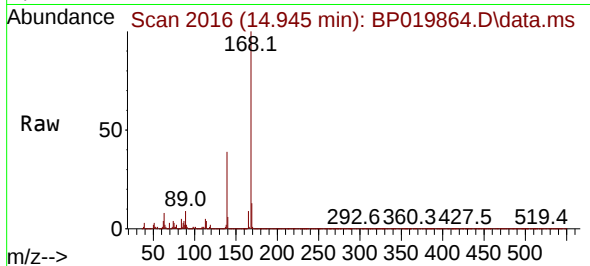
#55
Dibenzenofuran
Concen: 40.638 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

Tgt Ion:168 Resp: 90301
Ion Ratio Lower Upper
168 100
139 38.6 31.5 47.3
169 13.1 10.3 15.5

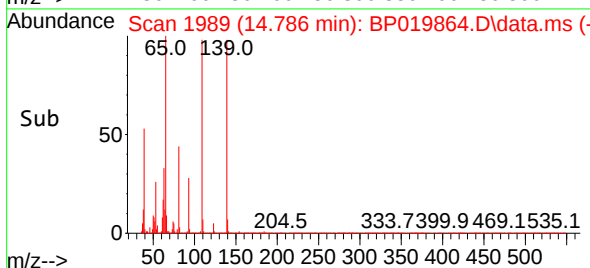
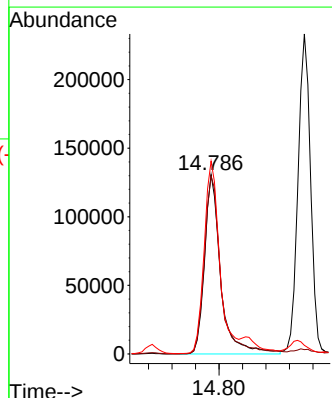
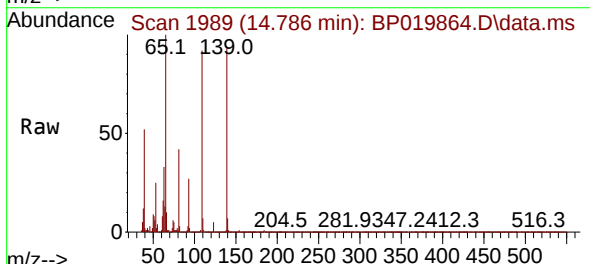
Manual Integrations
APPROVED

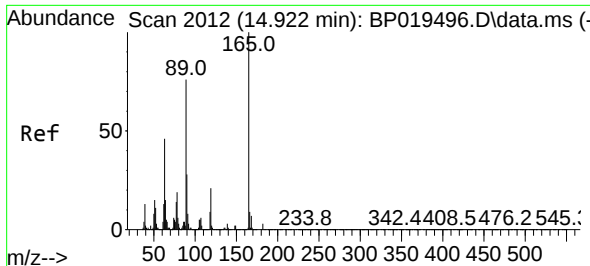
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#56
4-Nitrophenol
Concen: 82.368 ng
RT: 14.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

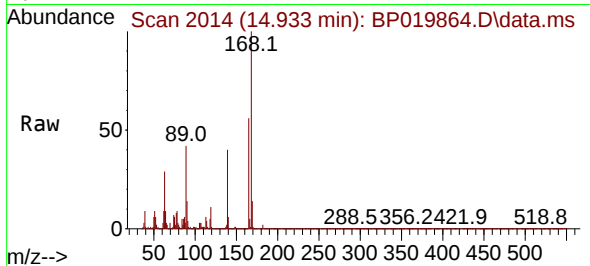
Tgt Ion:139 Resp: 249559
Ion Ratio Lower Upper
139 100
109 99.3 82.0 122.0
65 107.6 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 44.311 ng
RT: 14.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

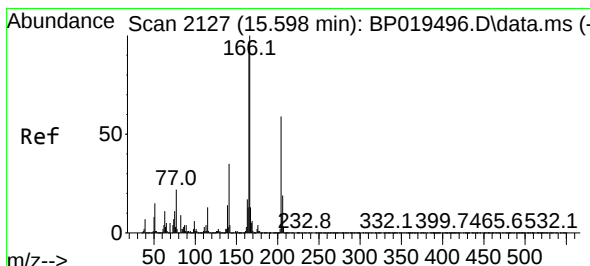
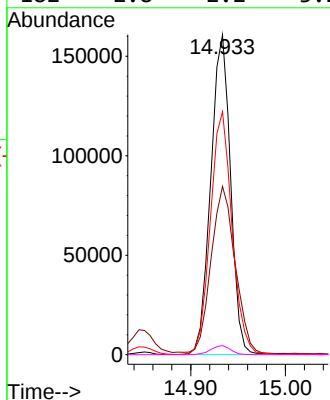
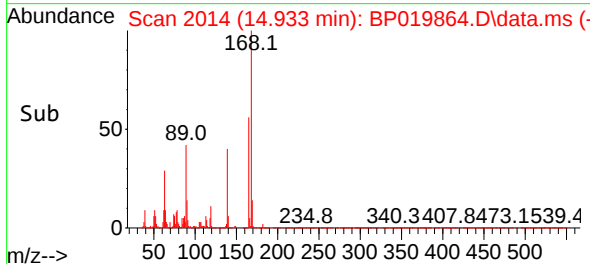
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



Tgt Ion:165 Resp: 233562
Ion Ratio Lower Upper
165 100
63 52.6 36.9 55.3
89 76.0 61.1 91.7
182 2.8 2.2 3.2

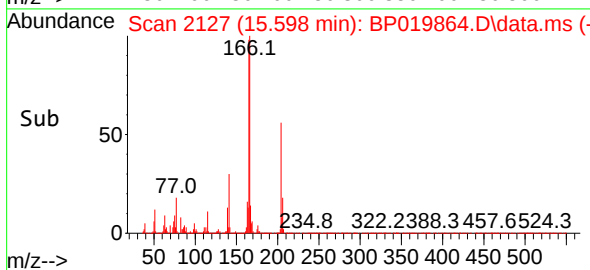
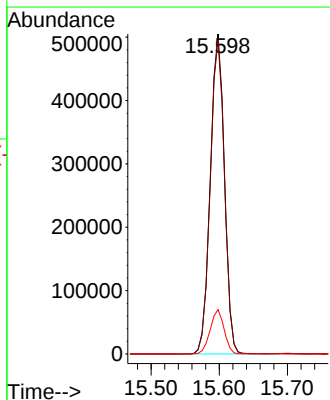
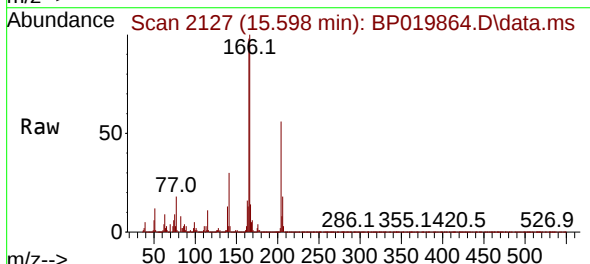
Manual Integrations
APPROVED

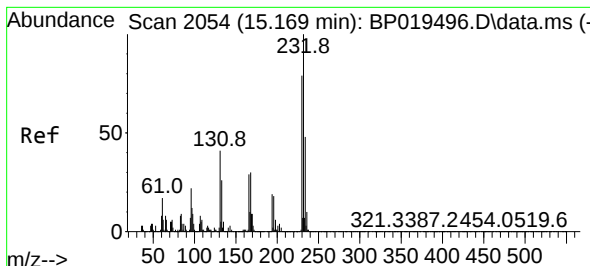
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#58
Fluorene
Concen: 41.272 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

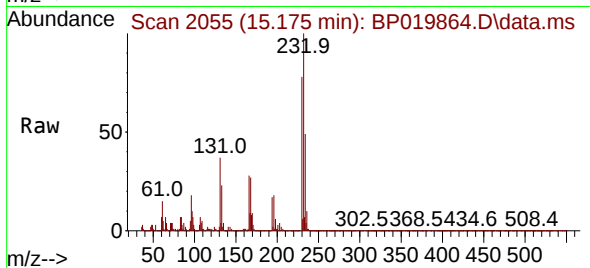
Tgt Ion:166 Resp: 730464
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.8
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.674 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

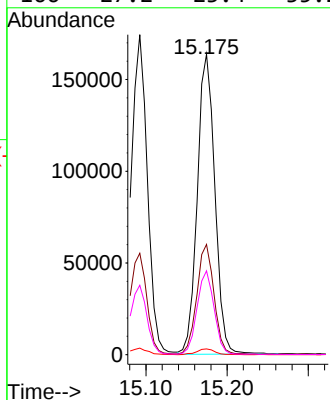
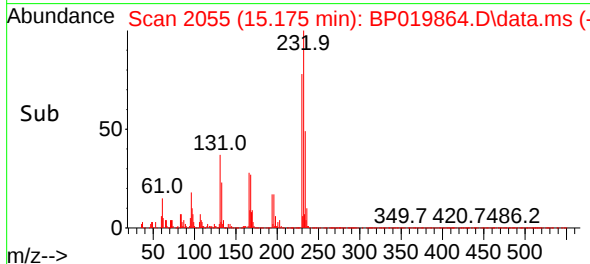
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



Tgt Ion:232 Resp: 24591
Ion Ratio Lower Upper
232 100
131 36.0 32.4 48.6
130 2.0 1.9 2.9
166 27.2 23.4 35.2

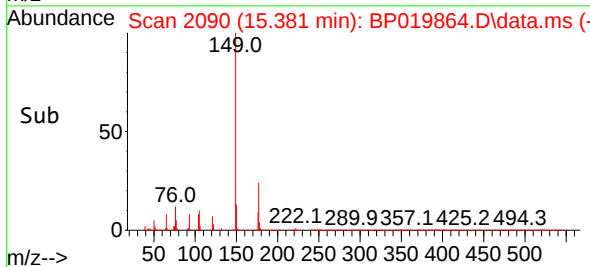
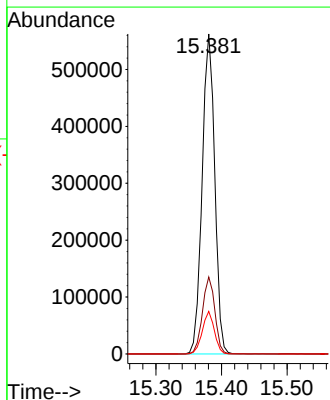
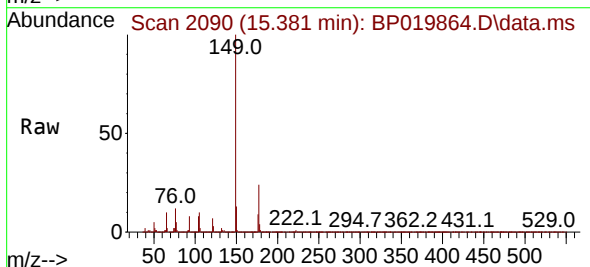
Manual Integrations
APPROVED

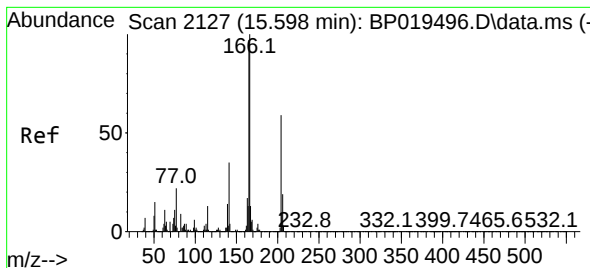
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#60
Diethylphthalate
Concen: 41.357 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

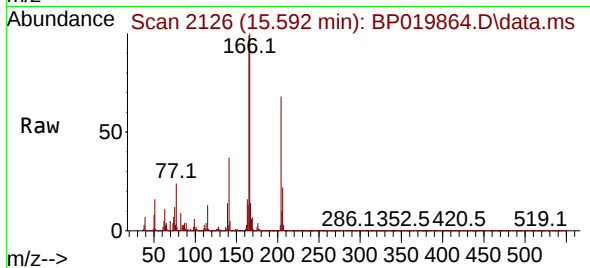
Tgt Ion:149 Resp: 753101
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.2
150 13.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.950 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

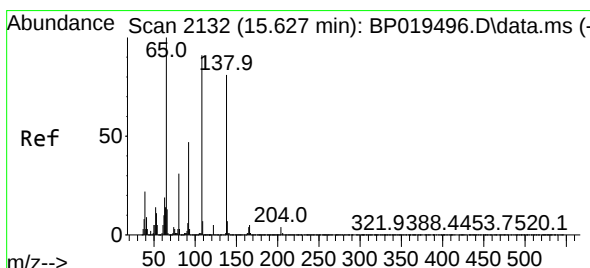
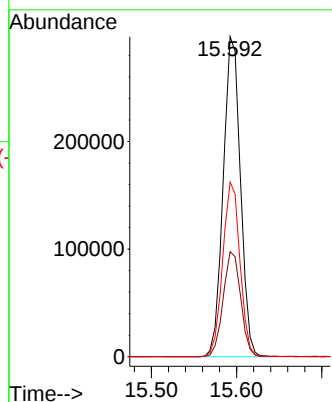
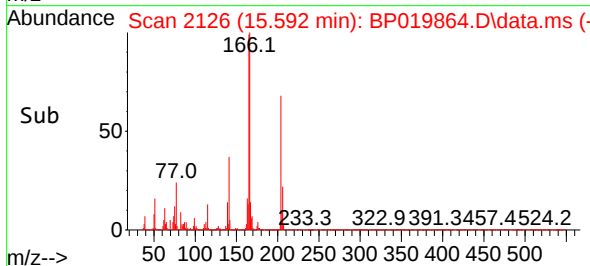
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



Tgt Ion:204 Resp: 41730
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 54.6 48.5 72.7

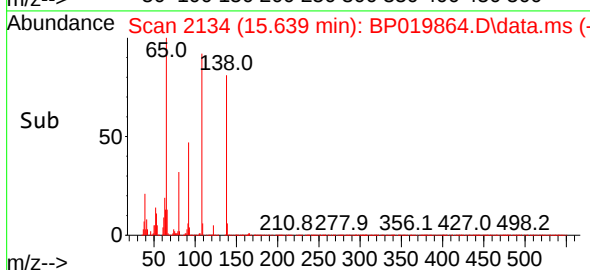
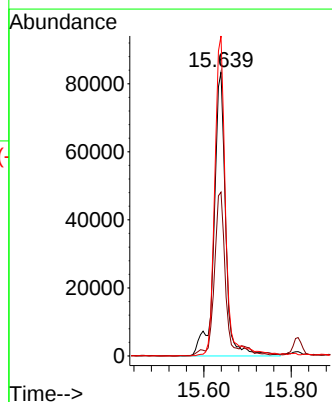
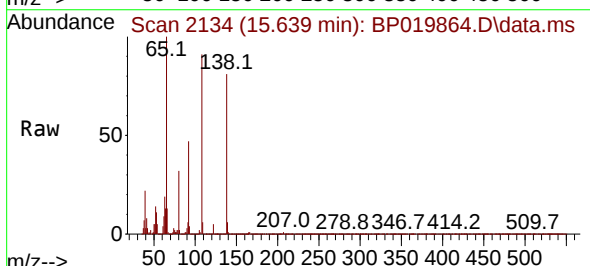
Manual Integrations
APPROVED

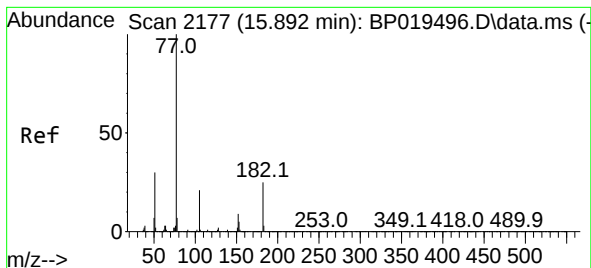
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#62
4-Nitroaniline
Concen: 39.753 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:138 Resp: 154031
Ion Ratio Lower Upper
138 100
92 57.8 38.3 78.3
108 112.8 91.2 131.2





#63

Azobenzene

Concen: 39.114 ng

RT: 15.892 min Scan# 2177

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

Tgt Ion: 77 Resp: 68876

Ion Ratio Lower Upper

77 100

182 28.0 5.1 45.1

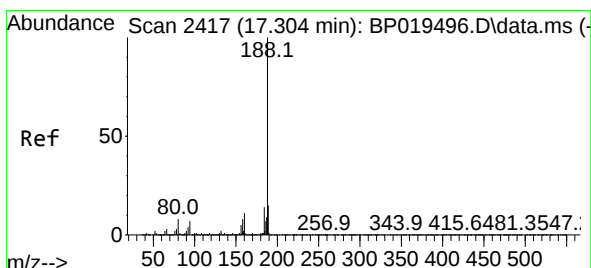
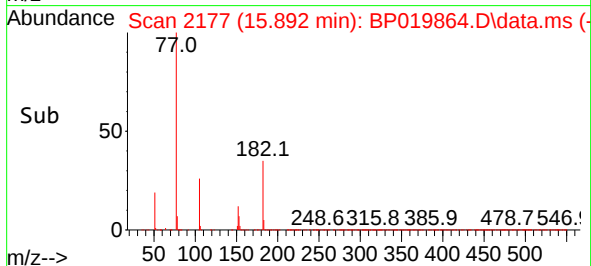
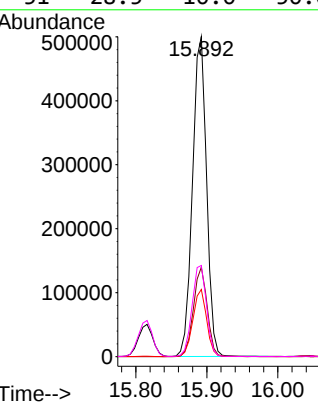
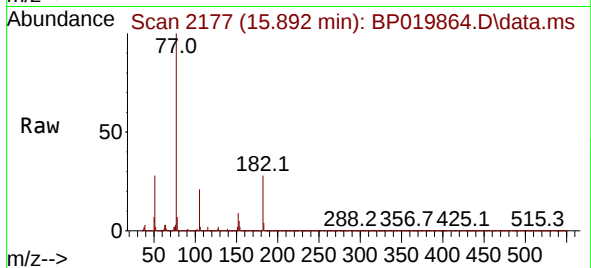
105 21.0 0.8 40.8

51 28.5 10.0 50.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

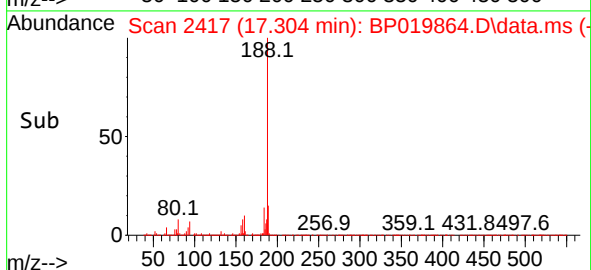
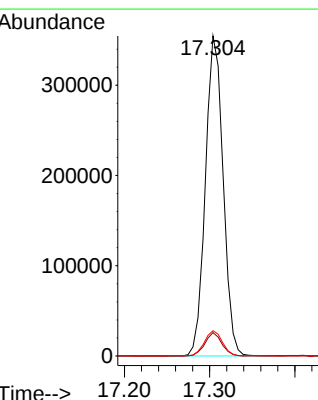
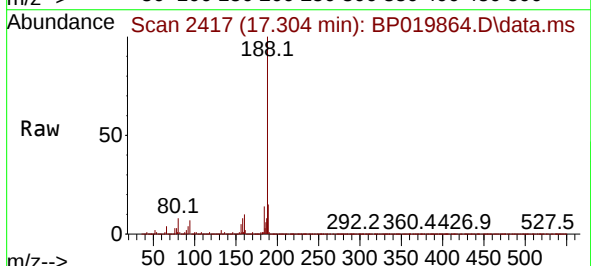
Tgt Ion:188 Resp: 512042

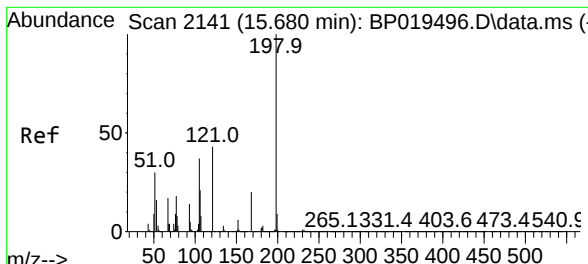
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 7.9 6.3 9.5





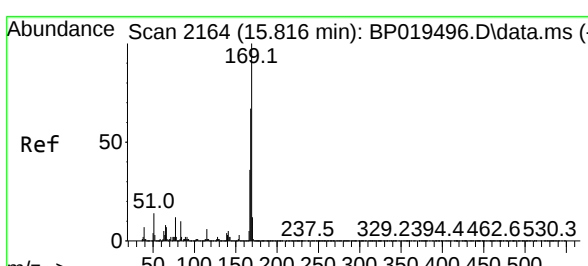
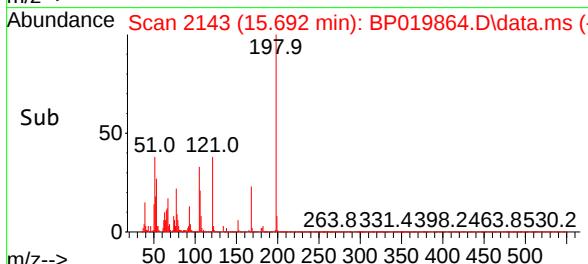
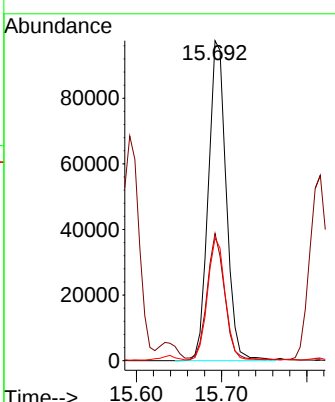
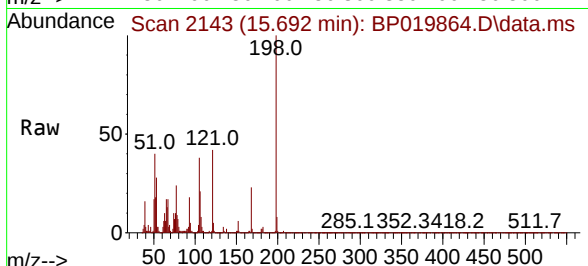
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.806 ng
 RT: 15.692 min Scan# 2143
 Delta R.T. -0.006 min
 Lab File: BP019864.D
 Acq: 24 Feb 2024 16:25

Instrument : BNA_P
 ClientSampleId : LKWD-BACKFILL-10MSD

Tgt Ion:	198	Resp:	142498
Ion Ratio	Lower	Upper	
198	100		
51	39.8	21.2	61.2
105	38.3	19.1	59.1

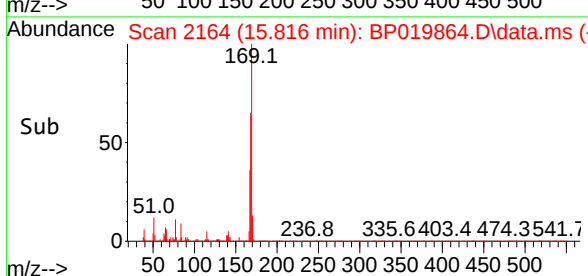
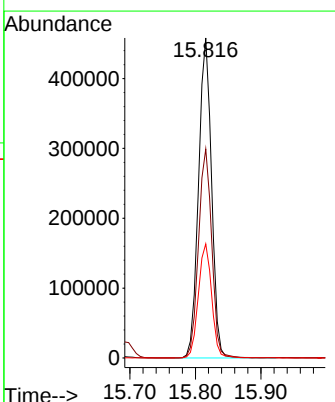
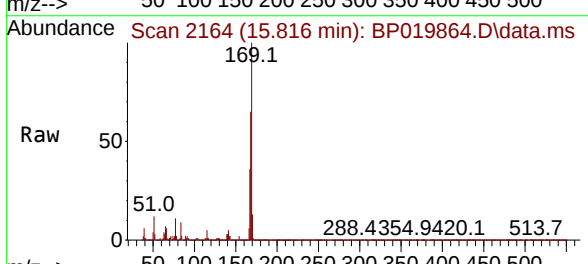
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
 Supervised By :mohammad ahmed 02/27/2024



#66
 n-Nitrosodiphenylamine
 Concen: 41.276 ng
 RT: 15.816 min Scan# 2164
 Delta R.T. -0.006 min
 Lab File: BP019864.D
 Acq: 24 Feb 2024 16:25

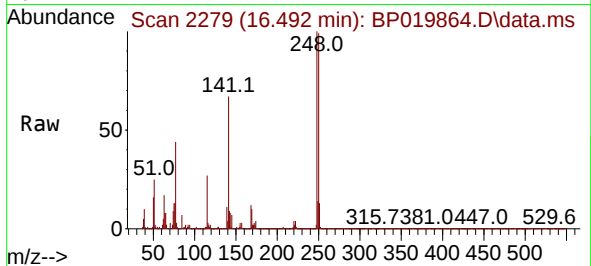
Tgt Ion:	169	Resp:	632964
Ion Ratio	Lower	Upper	
169	100		
168	65.3	53.4	80.2
167	35.6	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 43.521 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

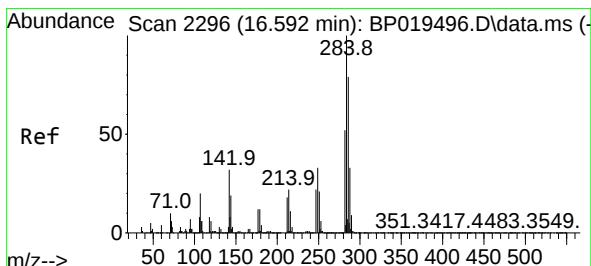
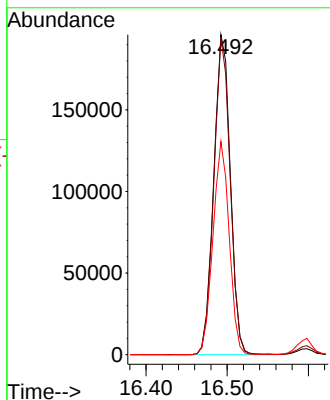
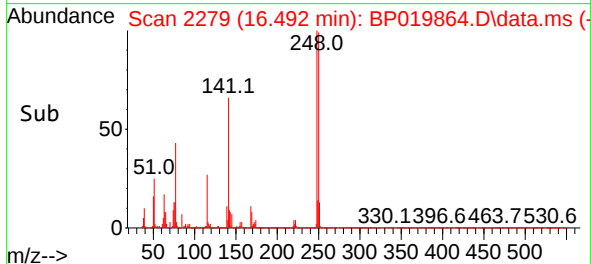
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



Tgt Ion:248 Resp: 27858
Ion Ratio Lower Upper
248 100
250 99.1 76.9 115.3
141 66.6 58.0 87.0

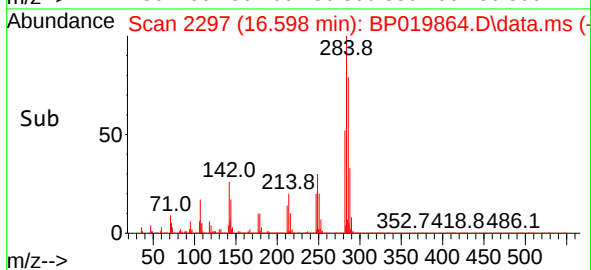
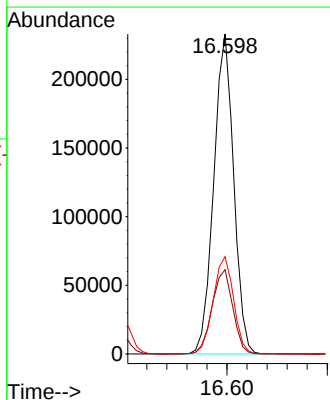
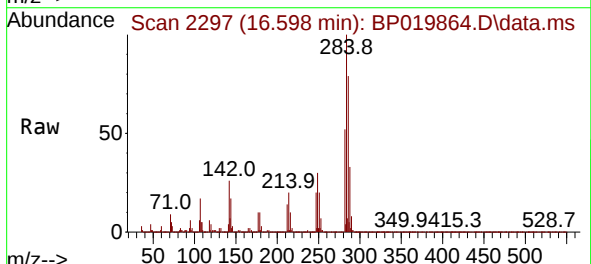
Manual Integrations
APPROVED

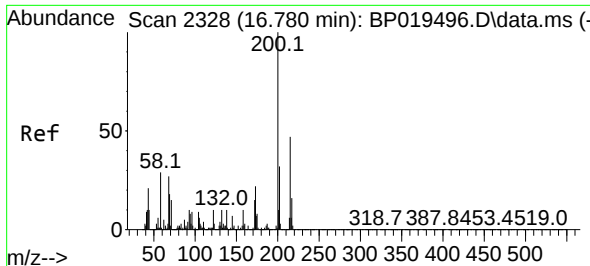
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#68
Hexachlorobenzene
Concen: 42.962 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

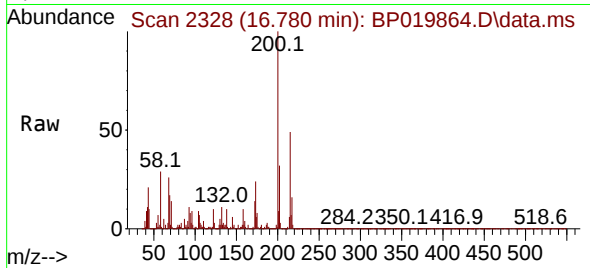
Tgt Ion:284 Resp: 321144
Ion Ratio Lower Upper
284 100
142 26.4 25.4 38.2
249 30.4 26.5 39.7





#69
Atrazine
Concen: 50.272 ng
RT: 16.780 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

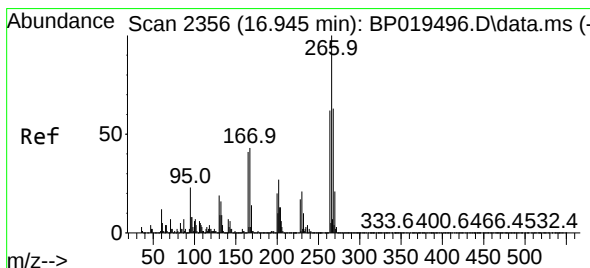
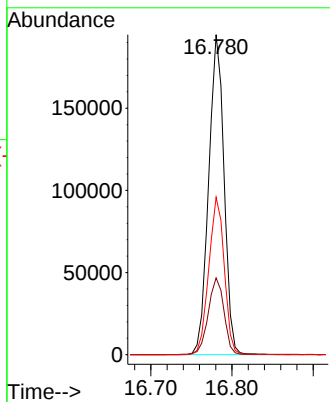
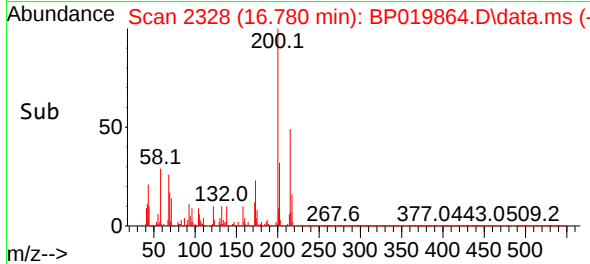
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



Tgt Ion:200 Resp: 255818
Ion Ratio Lower Upper
200 100
173 24.0 1.7 41.7
215 49.2 26.9 66.9

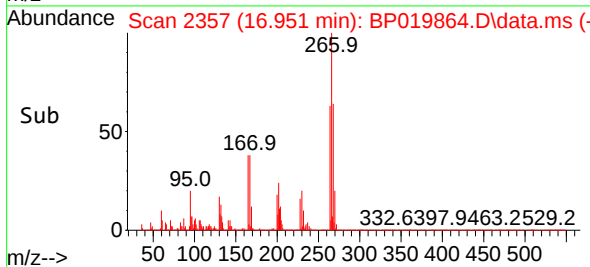
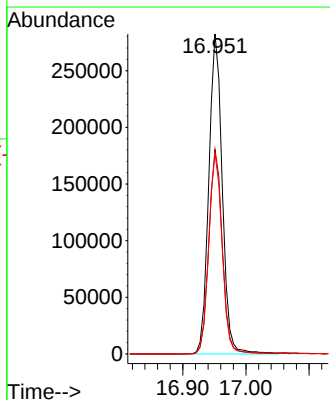
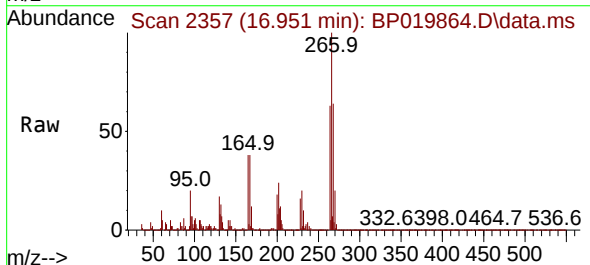
Manual Integrations
APPROVED

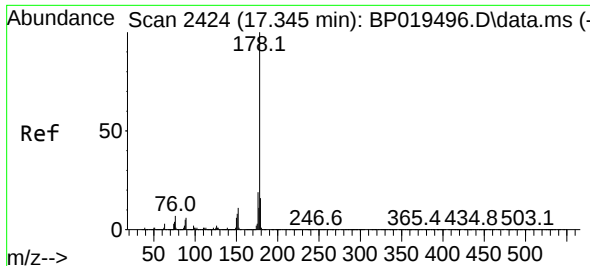
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#70
Pentachlorophenol
Concen: 89.646 ng
RT: 16.951 min Scan# 2357
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:266 Resp: 417309
Ion Ratio Lower Upper
266 100
268 63.9 50.3 75.5
264 62.7 49.7 74.5





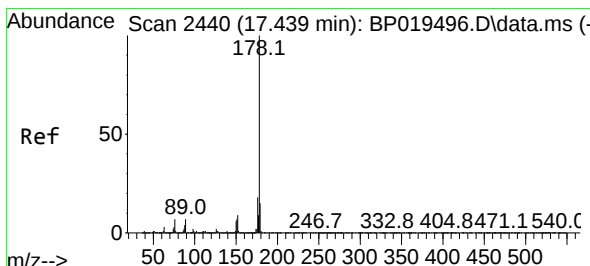
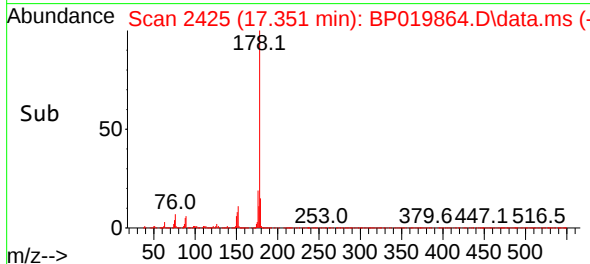
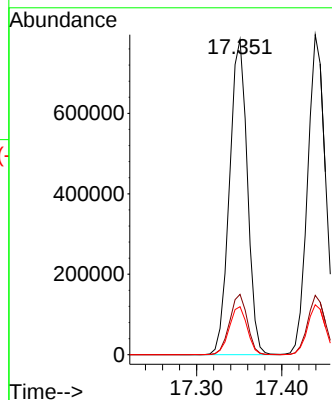
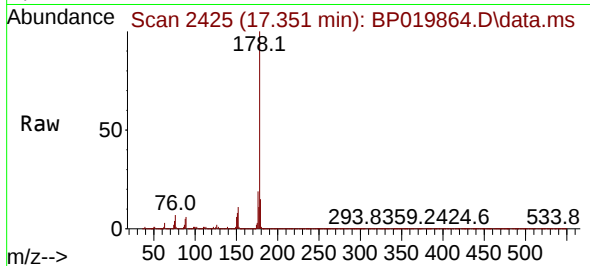
#71
Phenanthrene
Concen: 42.186 ng
RT: 17.351 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

Tgt Ion:178 Resp: 1136778
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.3 12.6 19.0

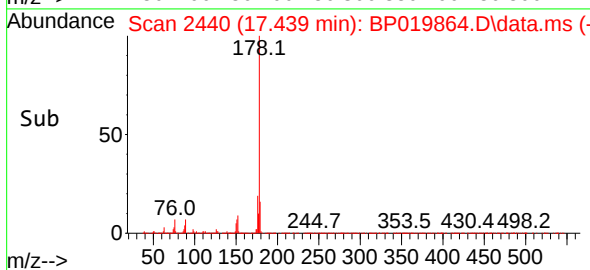
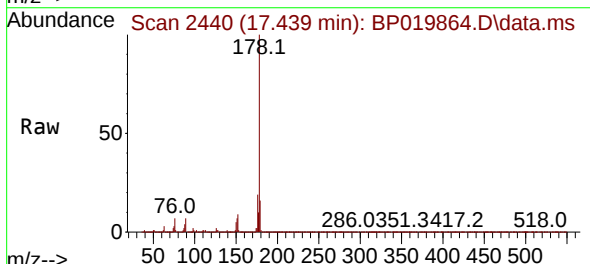
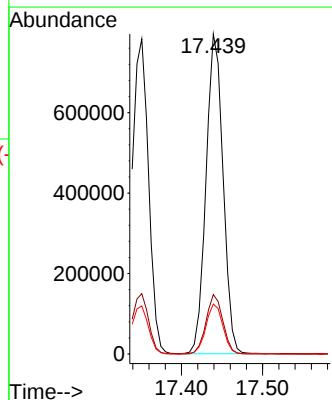
Manual Integrations
APPROVED

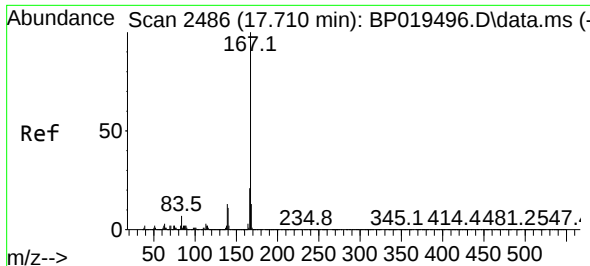
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#72
Anthracene
Concen: 42.971 ng
RT: 17.439 min Scan# 2440
Delta R.T. -0.012 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

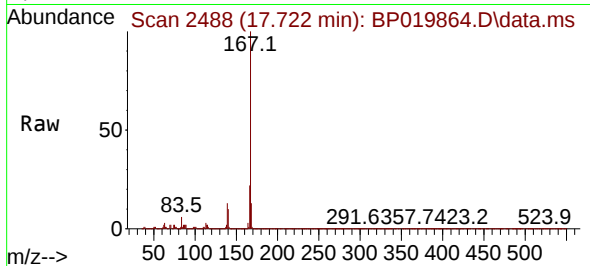
Tgt Ion:178 Resp: 1155105
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.6 12.2 18.2





#73
 Carbazole
 Concen: 41.100 ng
 RT: 17.722 min Scan# 2488
 Delta R.T. -0.006 min
 Lab File: BP019864.D
 Acq: 24 Feb 2024 16:25

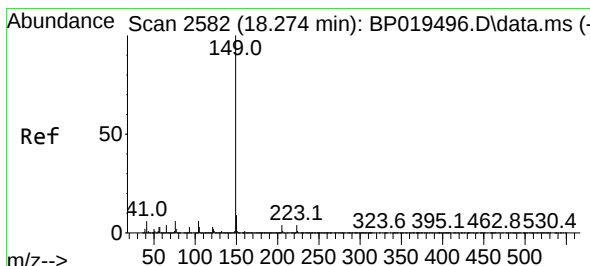
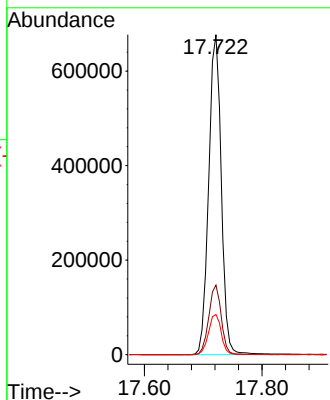
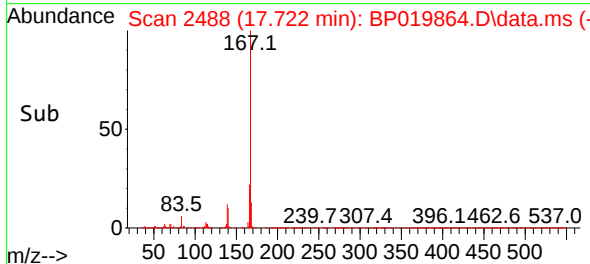
Instrument : BNA_P
 ClientSampleId : LKWD-BACKFILL-10MSD



Tgt Ion:167 Resp: 1003670
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.6 10.6 15.8

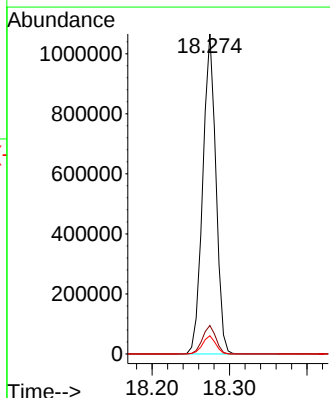
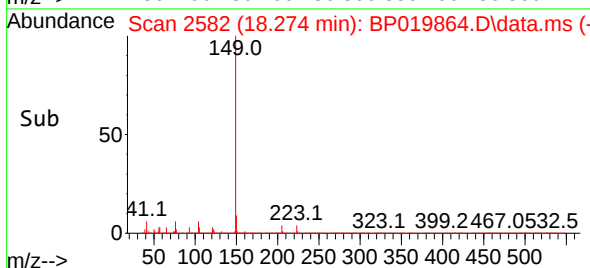
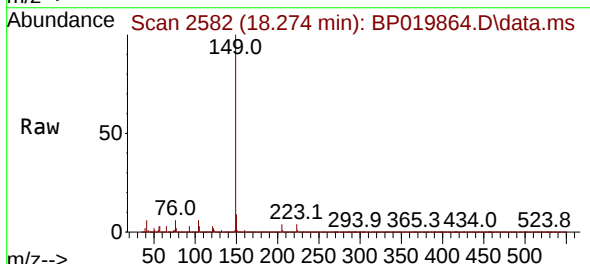
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
 Supervised By :mohammad ahmed 02/27/2024



#74
 Di-n-butylphthalate
 Concen: 42.380 ng
 RT: 18.274 min Scan# 2582
 Delta R.T. -0.006 min
 Lab File: BP019864.D
 Acq: 24 Feb 2024 16:25

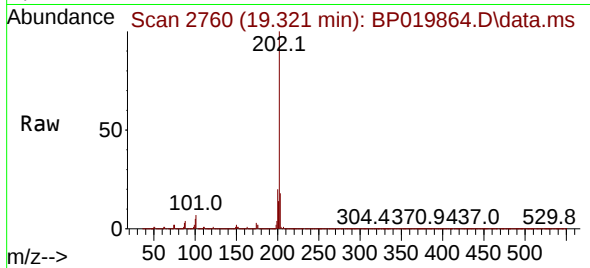
Tgt Ion:149 Resp: 1251346
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.7 4.8 7.2





#75
Fluoranthene
Concen: 42.254 ng
RT: 19.321 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

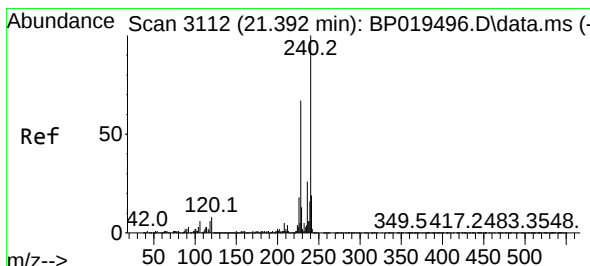
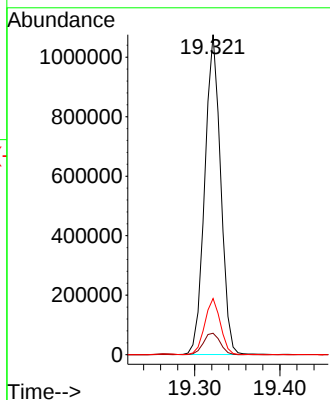
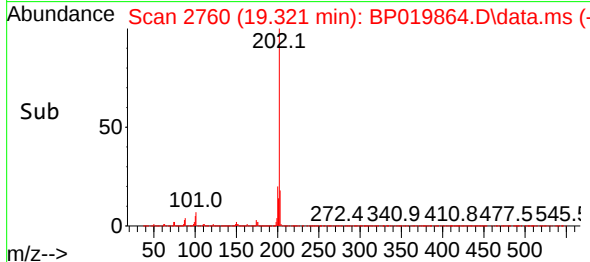
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



Tgt Ion:202 Resp: 1390940
Ion Ratio Lower Upper
202 100
101 6.7 0.0 27.7
203 17.6 0.0 37.5

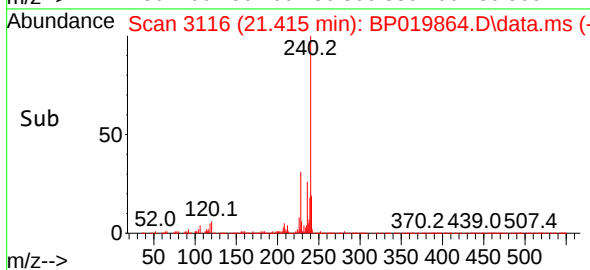
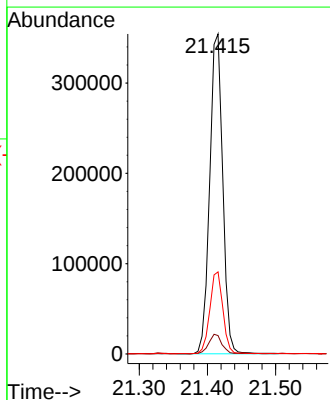
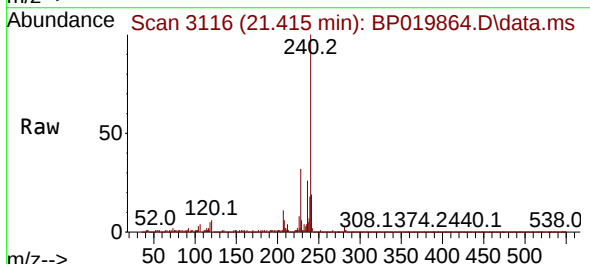
Manual Integrations
APPROVED

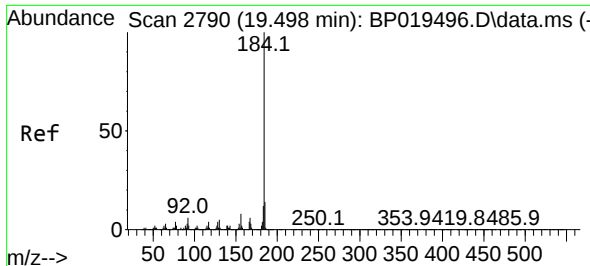
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:240 Resp: 471919
Ion Ratio Lower Upper
240 100
120 5.8 6.1 9.1#
236 25.7 20.7 31.1





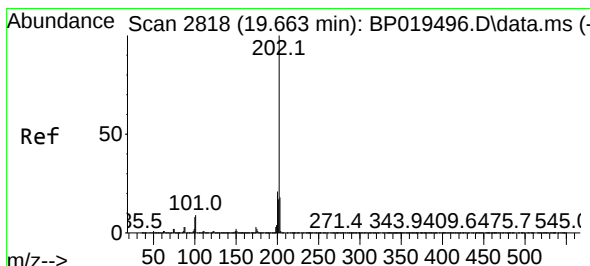
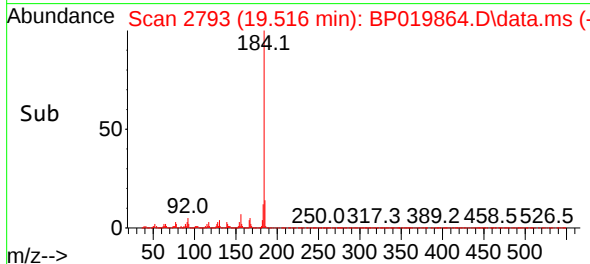
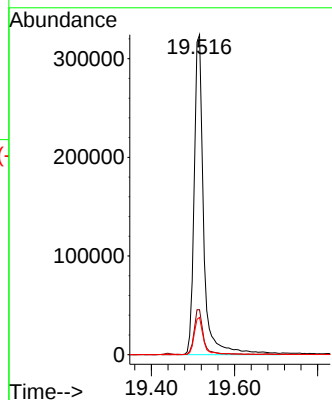
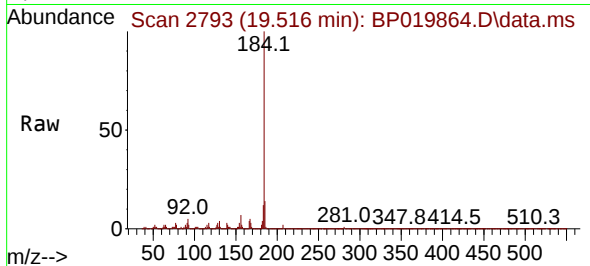
#77
Benzidine
Concen: 52.150 ng
RT: 19.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

Tgt Ion:184 Resp: 514524
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 11.7 9.7 14.5

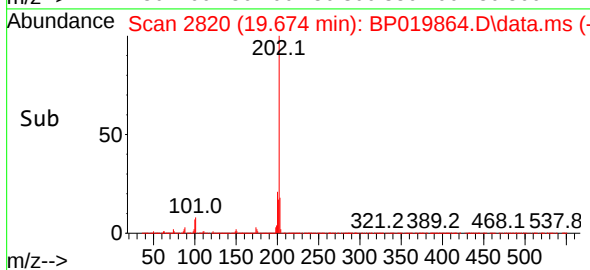
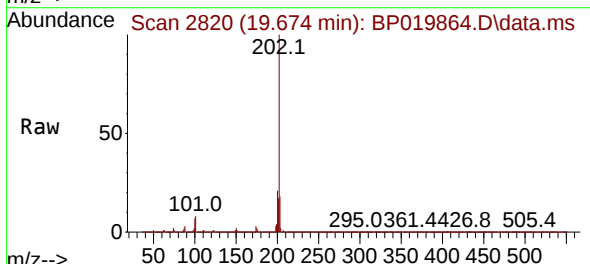
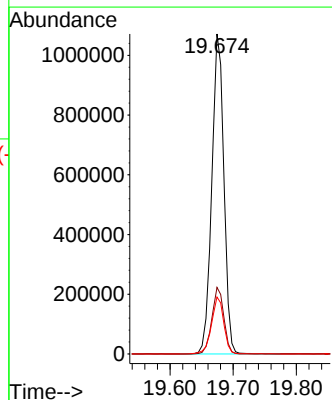
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#78
Pyrene
Concen: 42.741 ng
RT: 19.674 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

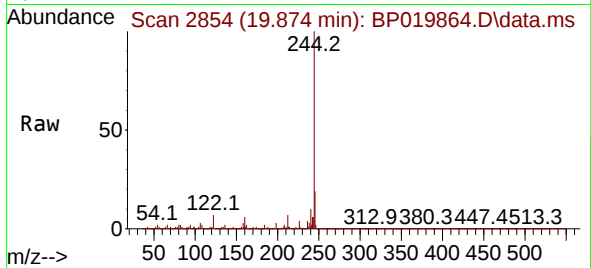
Tgt Ion:202 Resp: 1423527
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.8 14.2 21.2





#79
 Terphenyl-d14
 Concen: 56.726 ng
 RT: 19.874 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP019864.D
 Acq: 24 Feb 2024 16:25

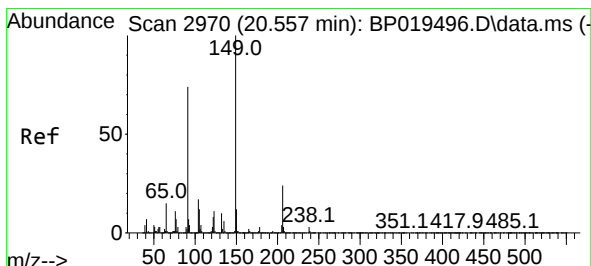
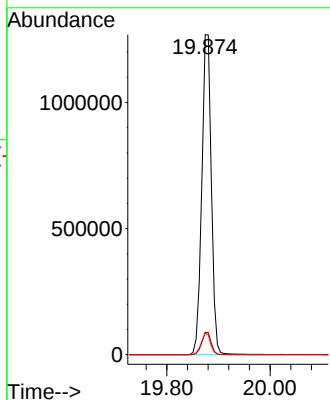
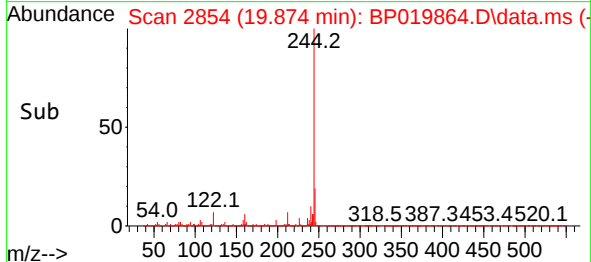
Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-10MSD



Tgt Ion:244 Resp: 162781
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 6.7 5.9 8.9

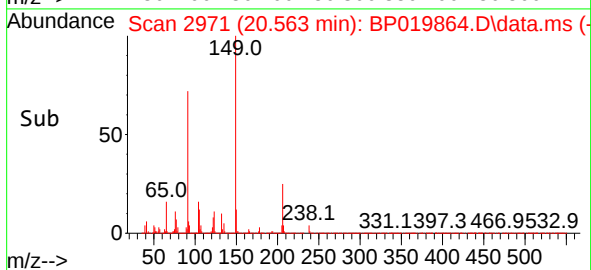
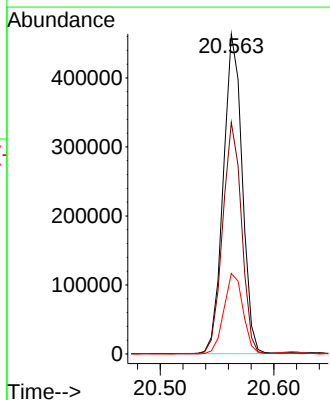
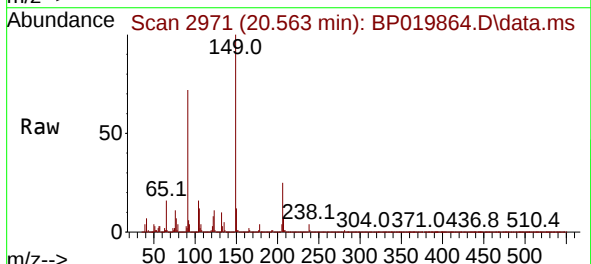
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
 Supervised By :mohammad ahmed 02/27/2024



#80
 Butylbenzylphthalate
 Concen: 43.064 ng
 RT: 20.563 min Scan# 2971
 Delta R.T. -0.012 min
 Lab File: BP019864.D
 Acq: 24 Feb 2024 16:25

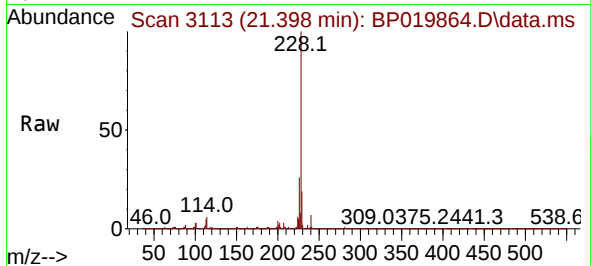
Tgt Ion:149 Resp: 535624
 Ion Ratio Lower Upper
 149 100
 91 72.4 59.4 89.0
 206 25.2 19.0 28.6





#81
Benzo(a)anthracene
Concen: 42.269 ng
RT: 21.398 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

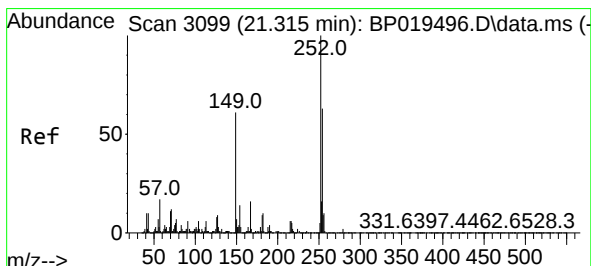
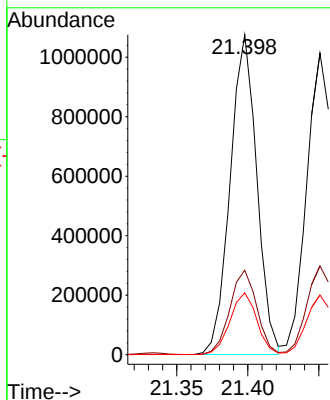
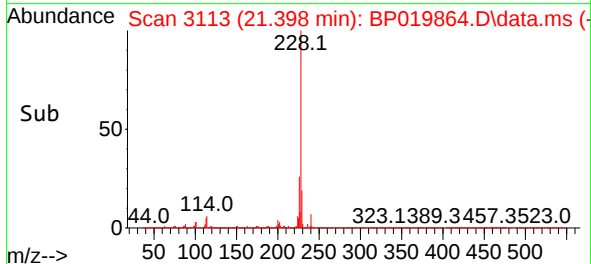
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



Tgt Ion:228 Resp: 1404159
Ion Ratio Lower Upper
228 100
226 26.4 21.7 32.5
229 19.4 15.6 23.4

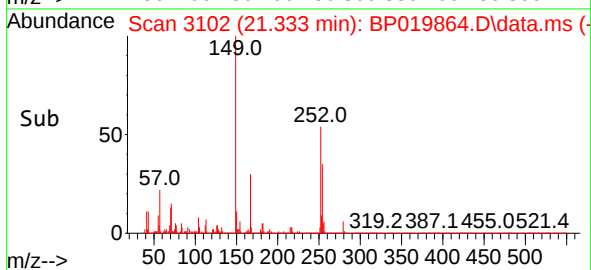
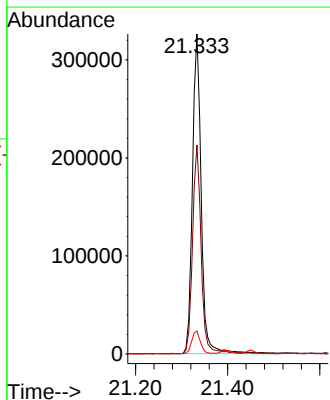
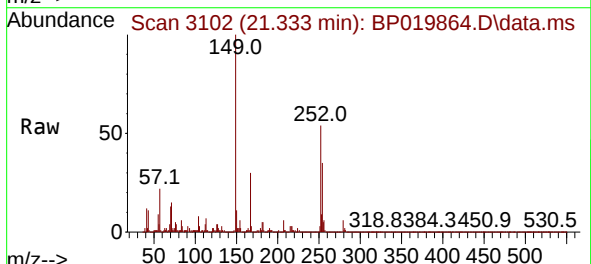
Manual Integrations
APPROVED

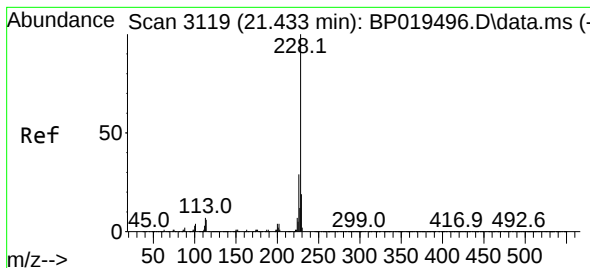
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 35.544 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:252 Resp: 430264
Ion Ratio Lower Upper
252 100
254 65.3 50.7 76.1
126 7.2 6.4 9.6





#83

Chrysene

Concen: 41.945 ng

RT: 21.451 min Scan# 3119

Delta R.T. -0.018 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

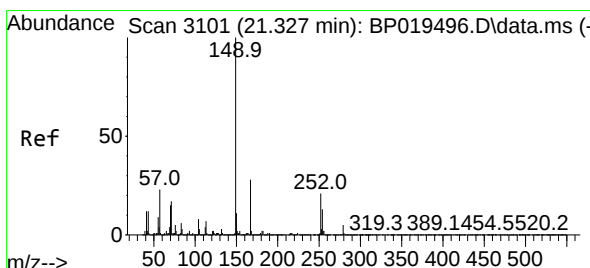
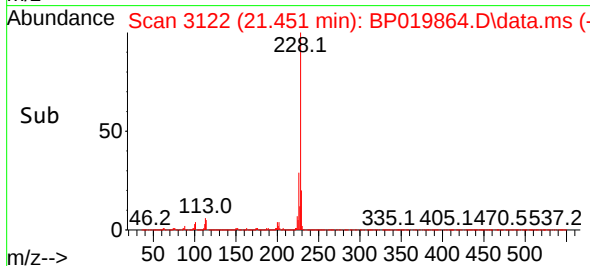
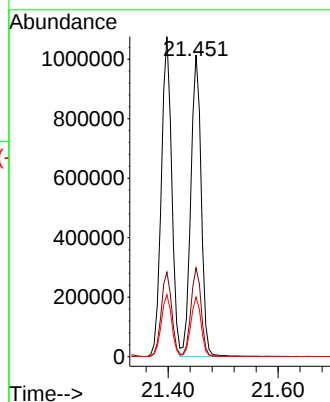
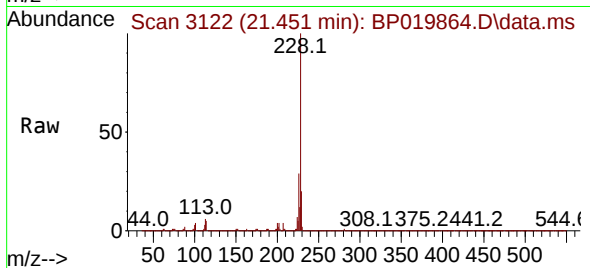
Tgt Ion:228 Resp: 132289

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	19.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.726 ng

RT: 21.327 min Scan# 3101

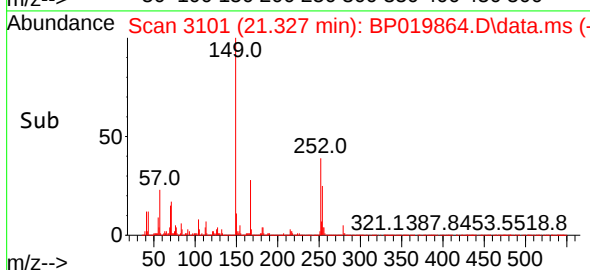
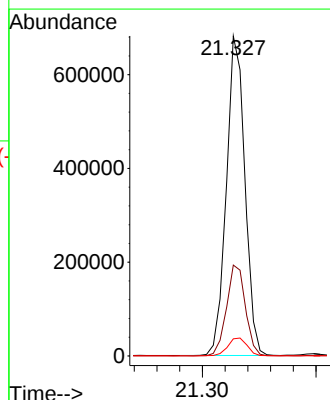
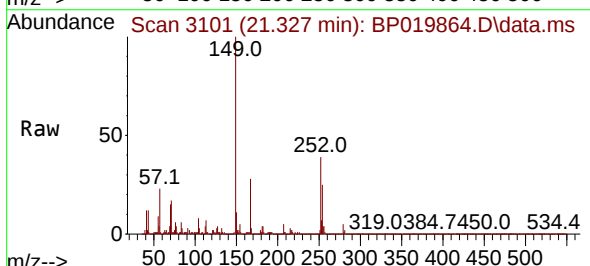
Delta R.T. -0.018 min

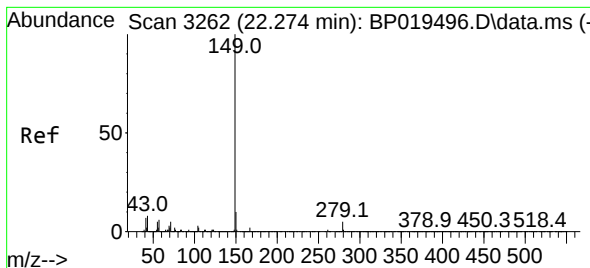
Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Tgt Ion:149 Resp: 771352

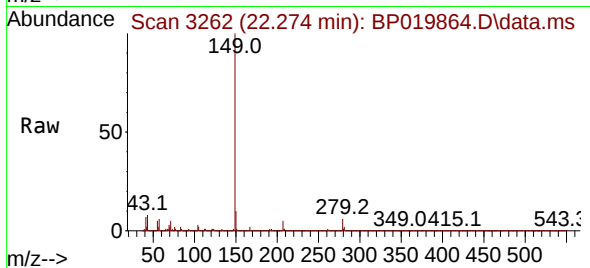
Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.7	34.1
279	5.4	4.2	6.2





#85
Di-n-octyl phthalate
Concen: 39.310 ng
RT: 22.274 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

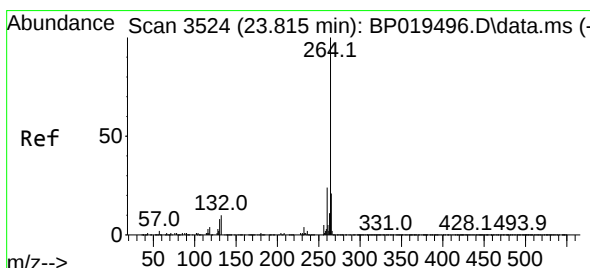
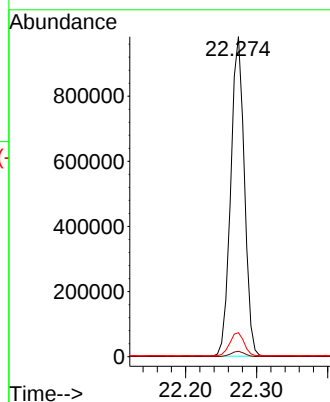
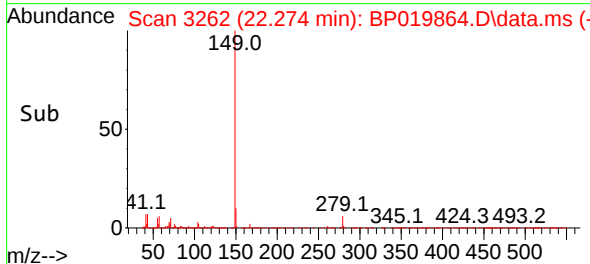
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD



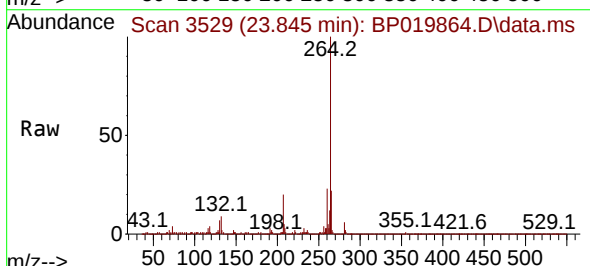
Tgt Ion:149 Resp: 130994
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.5 6.3 9.5

Manual Integrations
APPROVED

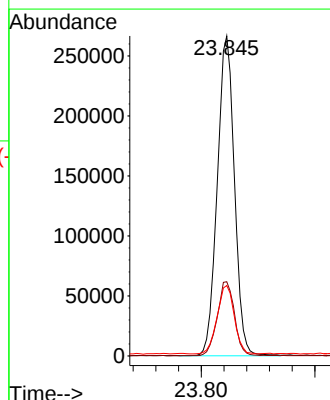
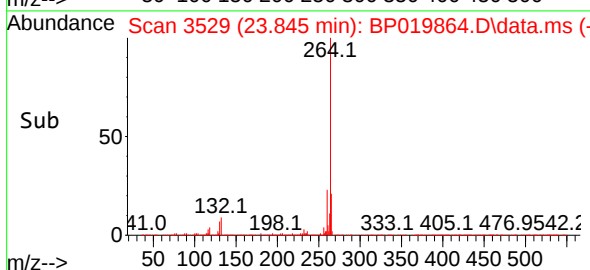
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

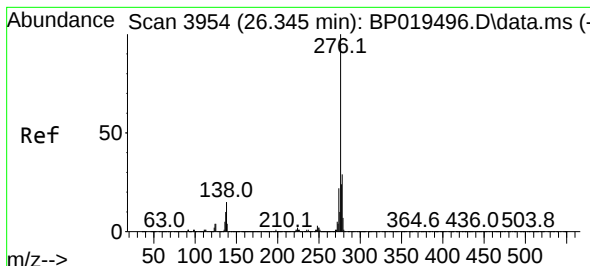


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.845 min Scan# 3529
Delta R.T. -0.024 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25



Tgt Ion:264 Resp: 559278
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.138 ng

RT: 26.398 min Scan# 3403

Delta R.T. -0.036 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

Tgt Ion:276 Resp: 1889574

Ion Ratio Lower Upper

276 100

138 13.7 13.1 19.7

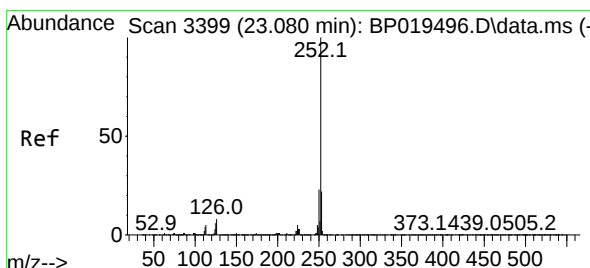
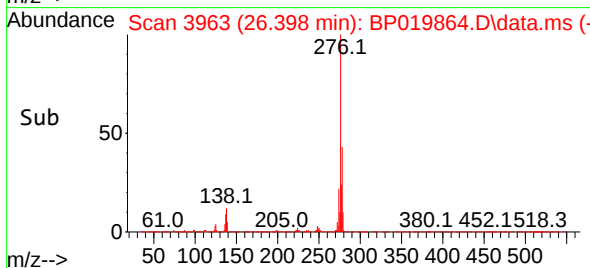
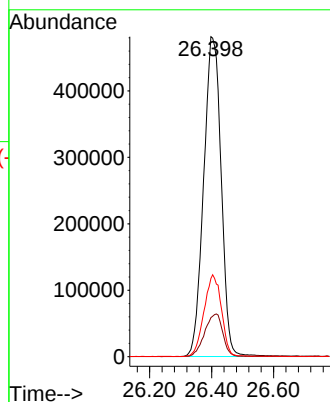
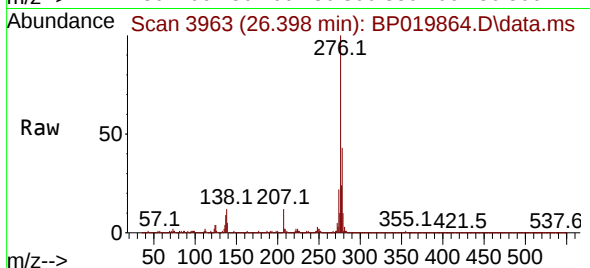
277 25.3 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024

Supervised By :mohammad ahmed 02/27/2024



#88

Benzo(b)fluoranthene

Concen: 40.936 ng

RT: 23.104 min Scan# 3403

Delta R.T. -0.024 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

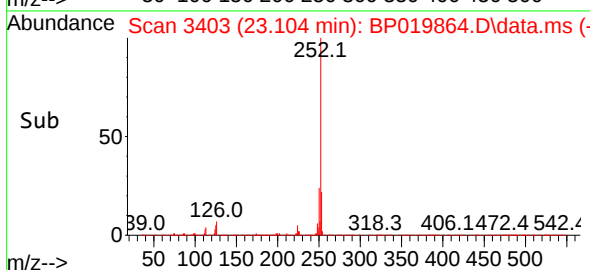
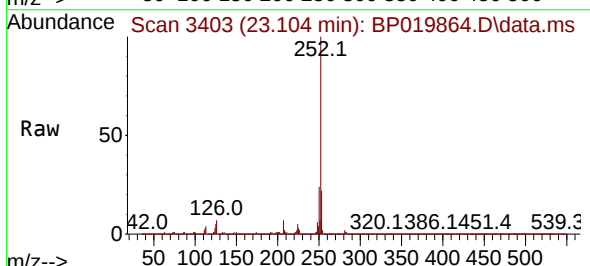
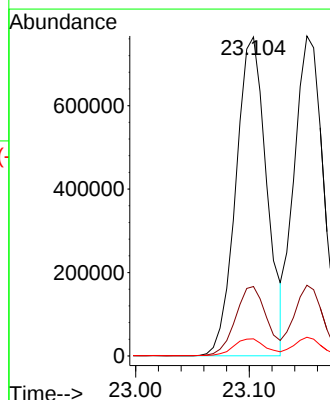
Tgt Ion:252 Resp: 1442954

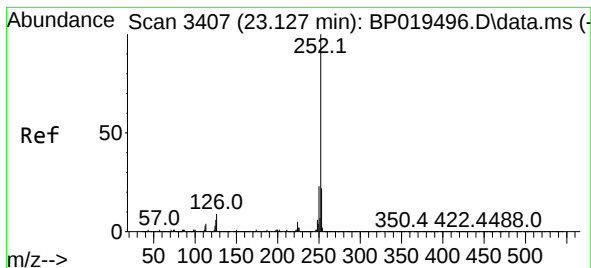
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 5.4 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 40.545 ng

RT: 23.151 min Scan# 3411

Delta R.T. -0.024 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

Tgt Ion:252 Resp: 1365178

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

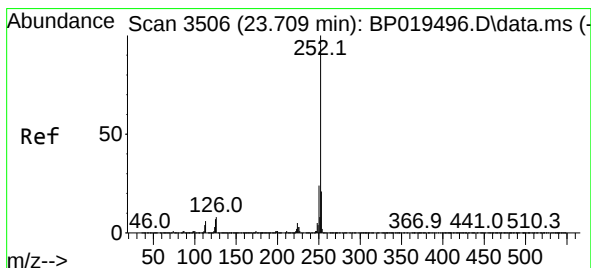
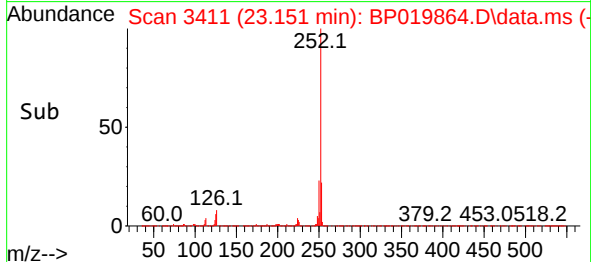
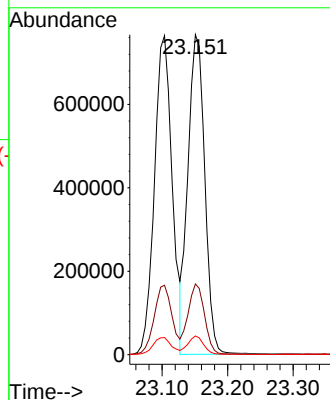
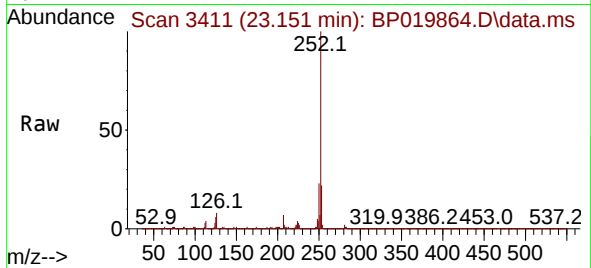
125 5.9 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024

Supervised By :mohammad ahmed 02/27/2024



#90

Benzo(a)pyrene

Concen: 42.260 ng

RT: 23.739 min Scan# 3511

Delta R.T. -0.024 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

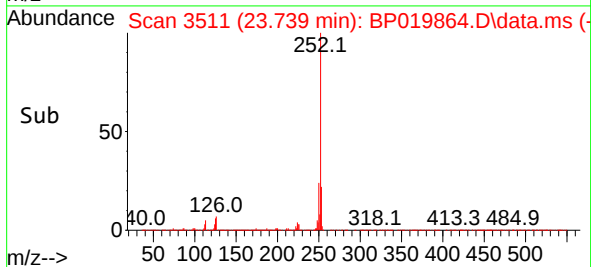
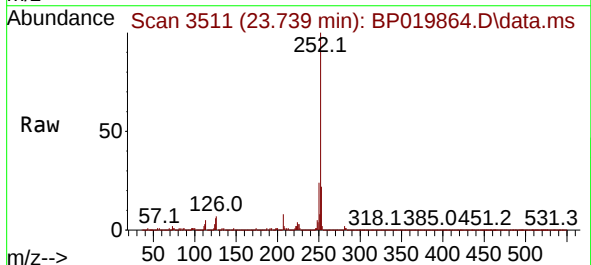
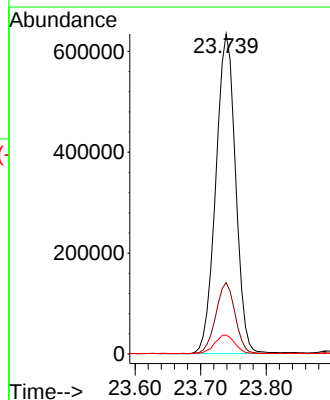
Tgt Ion:252 Resp: 1325421

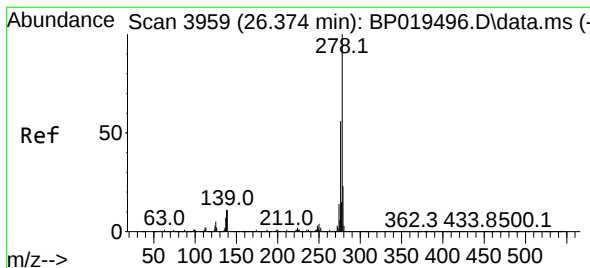
Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 5.9 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 44.241 ng

RT: 26.421 min Scan# 3959

Delta R.T. -0.036 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

Tgt Ion:278 Resp: 1557720

Ion Ratio Lower Upper

278 100

139 9.1 8.6 12.8

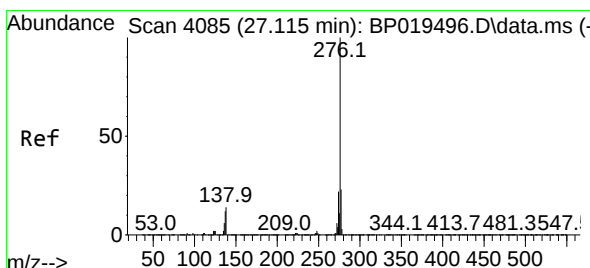
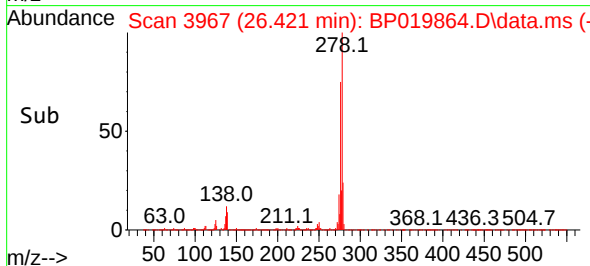
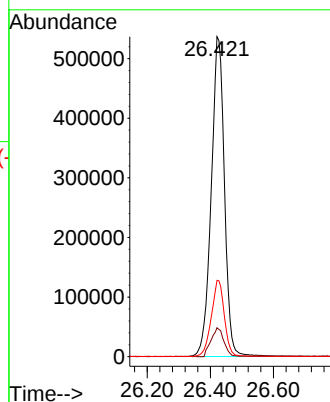
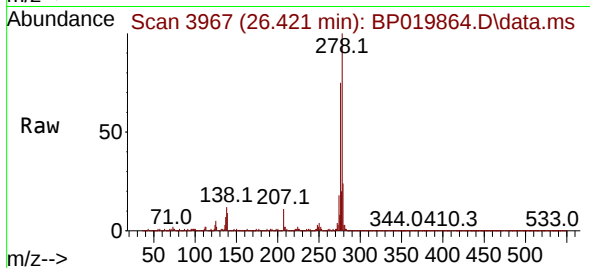
279 23.8 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024

Supervised By :mohammad ahmed 02/27/2024



#92

Benzo(g,h,i)perylene

Concen: 41.379 ng

RT: 27.192 min Scan# 4098

Delta R.T. -0.024 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Tgt Ion:276 Resp: 1478094

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 11.0 10.9 16.3

