

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
 Data File : BP019841.D
 Acq On : 23 Feb 2024 13:45
 Operator : MA/JU
 Sample : PB159196BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159196BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 23 14:26:49 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	7.905	152	76464	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	280685	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	181757	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	414215	20.000	ng	0.00
76) Chrysene-d12	21.416	240	387355	20.000	ng	-0.01
86) Perylene-d12	23.851	264	430709	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	581169	122.515	ng	0.00
7) Phenol-d6	7.081	99	736275	115.112	ng	0.00
23) Nitrobenzene-d5	9.075	82	511897	79.025	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	413891	155.963	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1190055	80.942	ng	0.00
79) Terphenyl-d14	19.886	244	2176437	92.402	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	57460	31.440	ng	99
3) Pyridine	3.781	79	150966	30.468	ng	97
4) n-Nitrosodimethylamine	3.705	42	86811	40.241	ng	98
6) Aniline	7.240	93	157708	25.375	ng	97
8) 2-Chlorophenol	7.469	128	212552	43.644	ng	98
9) Benzaldehyde	7.052	77	77905m	17.372	ng	
10) Phenol	7.110	94	266055	41.735	ng	100
11) bis(2-Chloroethyl)ether	7.340	93	202546	40.839	ng	98
12) 1,3-Dichlorobenzene	7.787	146	242227	40.647	ng	98
13) 1,4-Dichlorobenzene	7.940	146	249691	41.357	ng	99
14) 1,2-Dichlorobenzene	8.252	146	238911	40.898	ng	99
15) Benzyl Alcohol	8.157	79	216559	42.375	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	201243m	40.576	ng	
17) 2-Methylphenol	8.357	107	178958	41.697	ng	99
18) Hexachloroethane	8.969	117	93762	40.066	ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	170984	39.137	ng	98
20) 3+4-Methylphenols	8.687	107	239065	40.815	ng	99
22) Acetophenone	8.740	105	329388	41.193	ng	# 98
24) Nitrobenzene	9.122	77	259604	39.804	ng	98
25) Isophorone	9.646	82	459650	40.745	ng	98
26) 2-Nitrophenol	9.828	139	115222	46.334	ng	95
27) 2,4-Dimethylphenol	9.887	122	155264	48.828	ng	96
28) bis(2-Chloroethoxy)met...	10.134	93	262293	41.094	ng	99
29) 2,4-Dichlorophenol	10.357	162	214659	44.657	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	251297	42.638	ng	99
31) Naphthalene	10.757	128	631913	41.048	ng	99
32) Benzoic acid	10.051	122	146441	47.267	ng	98
33) 4-Chloroaniline	10.887	127	69148	12.146	ng	97
34) Hexachlorobutadiene	11.022	225	184978	42.353	ng	99
35) Caprolactam	11.698	113	62930	46.245	ng	97
36) 4-Chloro-3-methylphenol	12.010	107	229496	43.786	ng	99
37) 2-Methylnaphthalene	12.369	142	447403	41.995	ng	99
38) 1-Methylnaphthalene	12.587	142	420152	40.131	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	313019	44.655	ng	99
41) Hexachlorocyclopentadiene	12.698	237	368052	116.228	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	196321	46.253	ng	96

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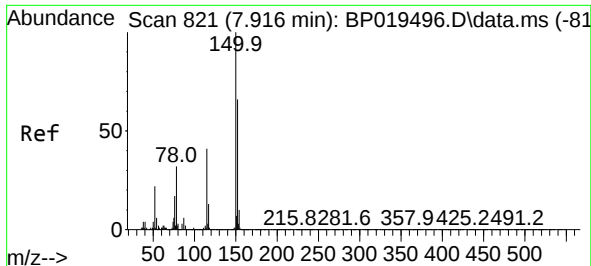
Manual Integrations
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 Supervised By :mohammad ahmed 02/27/2024

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	213343	45.774	ng	98
46) 1,1'-Biphenyl	13.381	154	611126	42.127	ng	100
47) 2-Chloronaphthalene	13.422	162	486251	40.833	ng	98
48) 2-Nitroaniline	13.640	65	148744	44.671	ng	96
49) Acenaphthylene	14.269	152	762319	45.629	ng	100
50) Dimethylphthalate	14.016	163	619803	44.545	ng	98
51) 2,6-Dinitrotoluene	14.140	165	135079	44.187	ng	95
52) Acenaphthene	14.610	154	429853	41.455	ng	99
53) 3-Nitroaniline	14.469	138	85546	30.450	ng	98
54) 2,4-Dinitrophenol	14.687	184	186068	117.228	ng	96
55) Dibenzofuran	14.945	168	744113	44.061	ng	99
56) 4-Nitrophenol	14.787	139	213296	92.629	ng	98
57) 2,4-Dinitrotoluene	14.934	165	194633	48.585	ng	96
58) Fluorene	15.598	166	597218	44.399	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	201528	51.405	ng	95
60) Diethylphthalate	15.381	149	619944	44.795	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	340821	45.081	ng	93
62) 4-Nitroaniline	15.639	138	132540	45.009	ng	97
63) Azobenzene	15.892	77	568108	42.450	ng	97
65) 4,6-Dinitro-2-methylph...	15.698	198	123655	52.354	ng	94
66) n-Nitrosodiphenylamine	15.816	169	525507	42.362	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	228863	44.197	ng	93
68) Hexachlorobenzene	16.598	284	266139	44.012	ng	92
69) Atrazine	16.781	200	199720	48.517	ng	97
70) Pentachlorophenol	16.951	266	357189	94.853	ng	98
71) Phenanthrene	17.351	178	955895	43.851	ng	99
72) Anthracene	17.445	178	974068	44.794	ng	99
73) Carbazole	17.722	167	867261	43.902	ng	99
74) Di-n-butylphthalate	18.280	149	1051823	44.035	ng	99
75) Fluoranthene	19.327	202	1196448	44.930	ng	98
77) Benzidine	19.516	184	353253	43.621	ng	99
78) Pyrene	19.680	202	1230460	45.009	ng	99
80) Butylbenzylphthalate	20.569	149	465239	45.571	ng	97
81) Benzo(a)anthracene	21.404	228	1218781	44.698	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	400855	40.343	ng	100
83) Chrysene	21.457	228	1135482	43.862	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	649947	41.808	ng	99
85) Di-n-octyl phthalate	22.280	149	1098289	40.154	ng	99
87) Indeno(1,2,3-cd)pyrene	26.404	276	1554601	47.153	ng	98
88) Benzo(b)fluoranthene	23.110	252	1202116	44.284	ng	99
89) Benzo(k)fluoranthene	23.163	252	1192460	45.987	ng	99
90) Benzo(a)pyrene	23.745	252	1114810	46.155	ng	99
91) Dibenzo(a,h)anthracene	26.433	278	1298429	47.885	ng	97
92) Benzo(g,h,i)perylene	27.192	276	1243317	45.196	ng	97

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



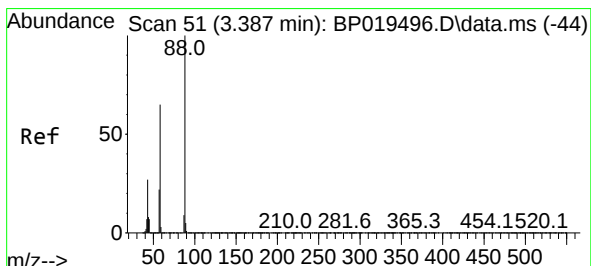
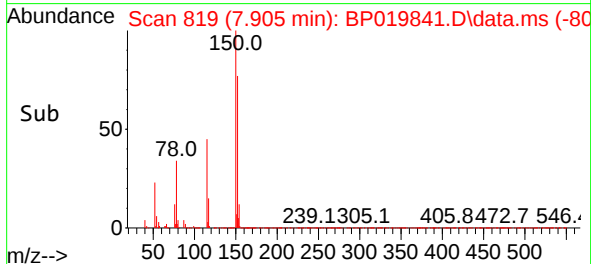
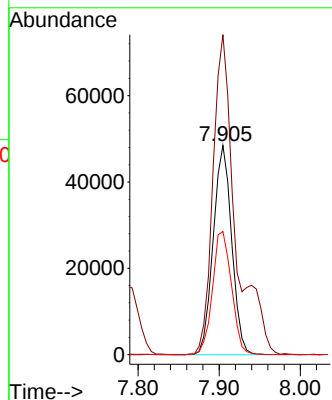
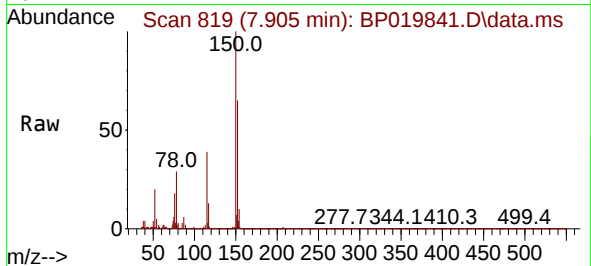
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :
BNA_P
ClientSampleId :
PB159196BSD

Tgt Ion:152 Resp: 7646
Ion Ratio Lower Upper
152 100
150 152.9 121.8 182.8
115 58.9 49.9 74.9

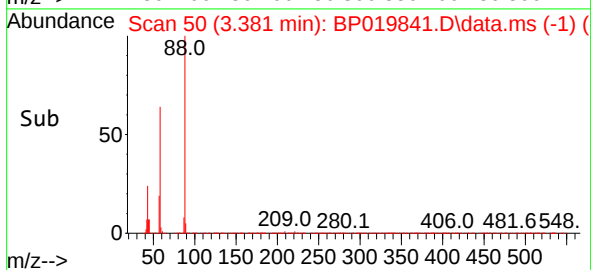
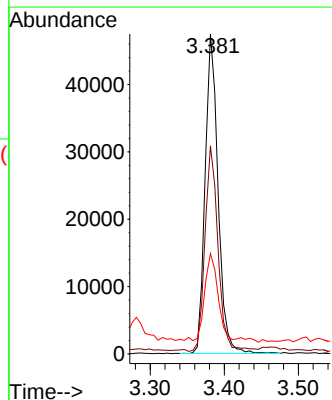
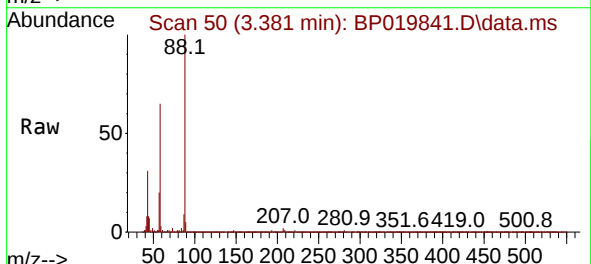
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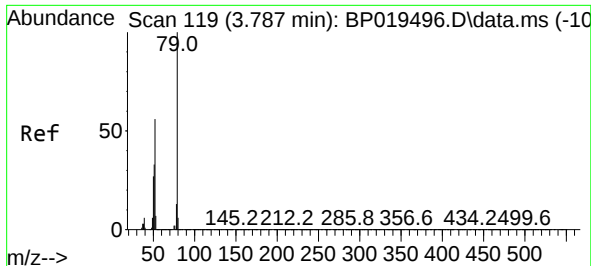
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#2
1,4-Dioxane
Concen: 31.440 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Tgt Ion: 88 Resp: 57460
Ion Ratio Lower Upper
88 100
58 65.2 52.6 78.8
43 27.9 21.9 32.9





#3

Pyridine

Concen: 30.468 ng

RT: 3.781 min Scan# 119

Delta R.T. -0.000 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD

Tgt Ion: 79 Resp: 150960

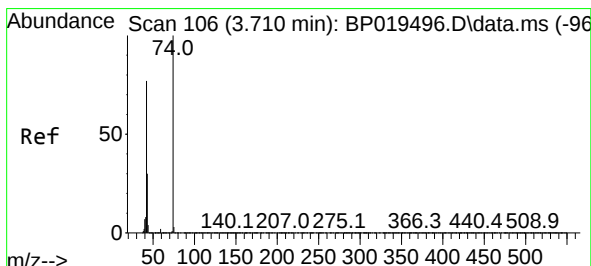
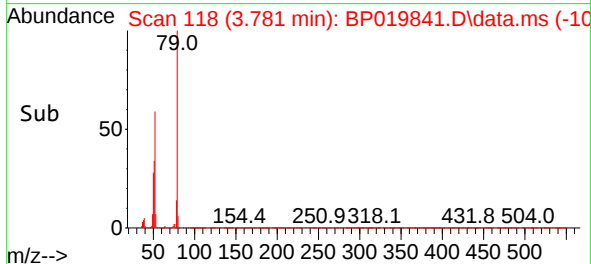
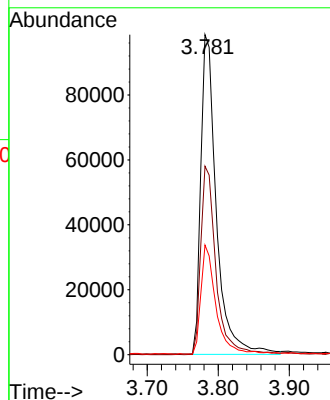
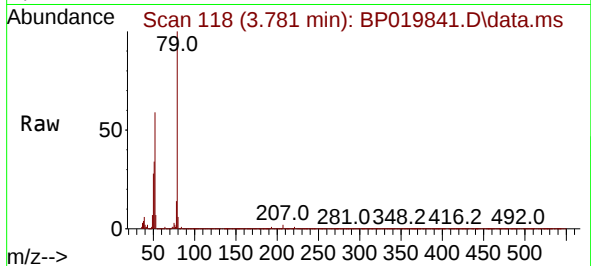
Ion	Ratio	Lower	Upper
79	100		
52	58.9	45.0	67.6
51	34.3	26.8	40.2

Manual Integrations

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Supervised By :mohammad ahmed 02/27/2024



#4

n-Nitrosodimethylamine

Concen: 40.241 ng

RT: 3.705 min Scan# 105

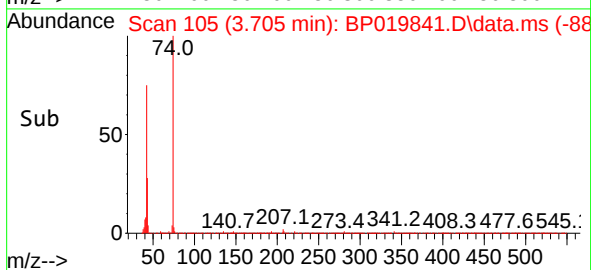
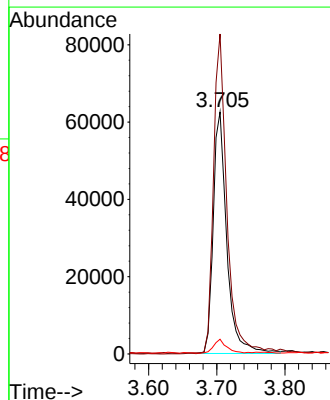
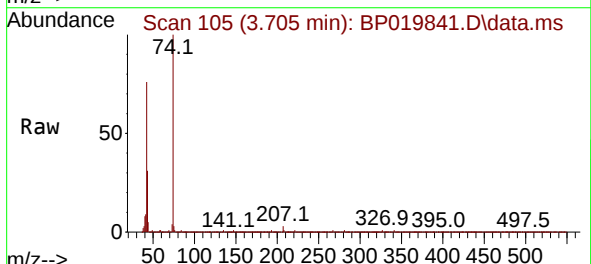
Delta R.T. -0.000 min

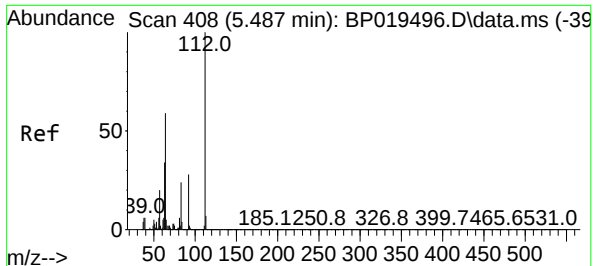
Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Tgt Ion: 42 Resp: 86811

Ion	Ratio	Lower	Upper
42	100		
74	132.3	103.4	155.2
44	6.1	4.8	7.2





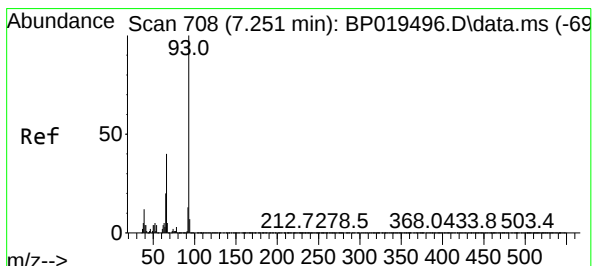
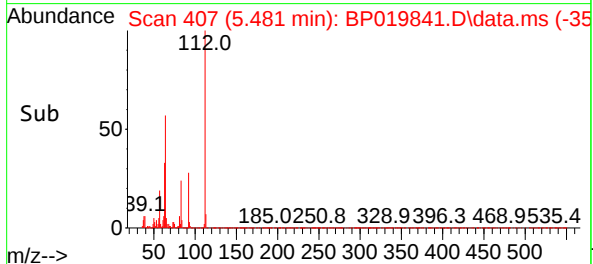
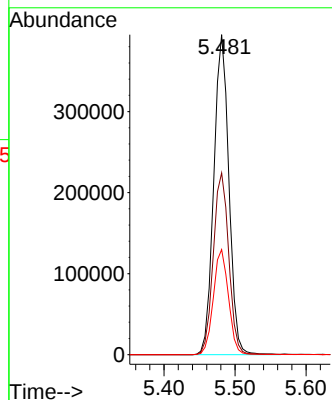
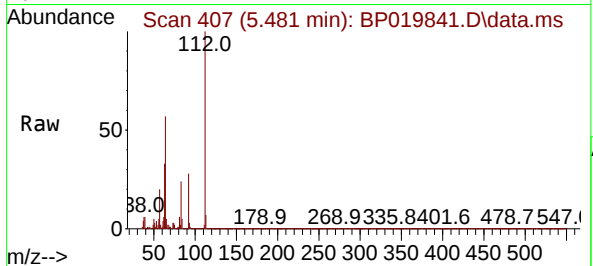
#5
2-Fluorophenol
Concen: 122.515 ng
RT: 5.481 min Scan# 408
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :
BNA_P
ClientSampleId :
PB159196BSD

Tgt Ion:112 Resp: 581169
Ion Ratio Lower Upper
112 100
64 56.8 47.4 71.0
63 32.9 27.0 40.6

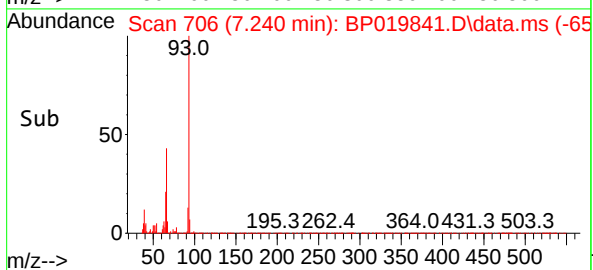
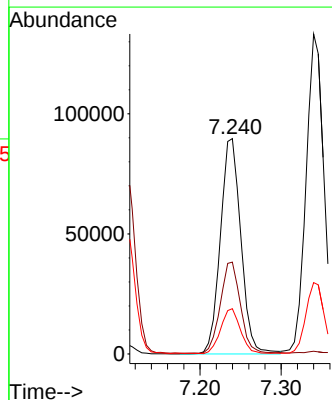
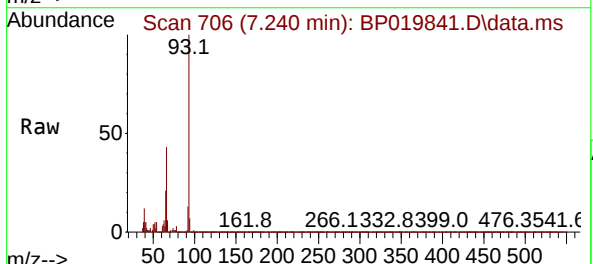
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Supervised By :mohammad ahmed 02/27/2024



#6
Aniline
Concen: 25.375 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

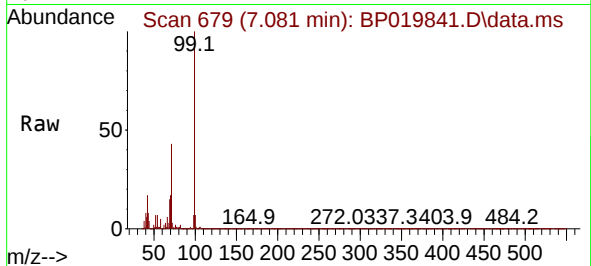
Tgt Ion: 93 Resp: 157708
Ion Ratio Lower Upper
93 100
66 42.7 32.3 48.5
65 21.1 16.4 24.6





#7
Phenol-d6
Concen: 115.112 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

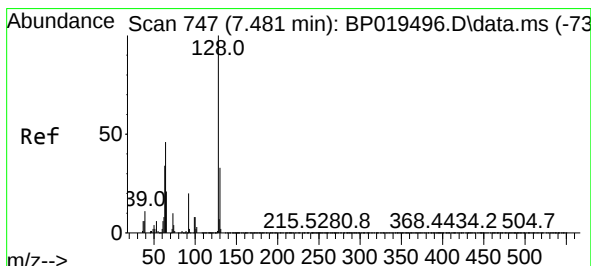
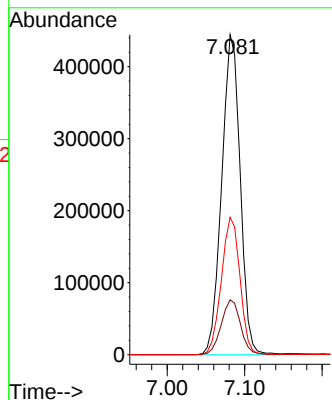
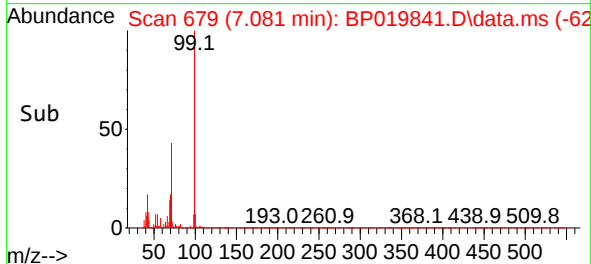
Instrument :
BNA_P
ClientSampleId :
PB159196BSD



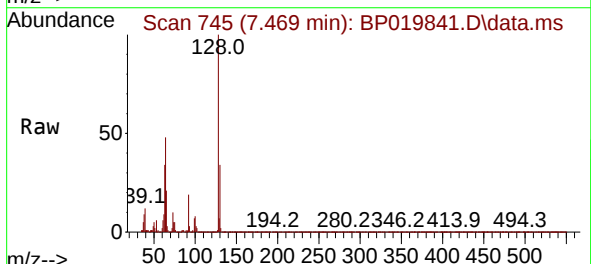
Tgt Ion: 99 Resp: 736279
Ion Ratio Lower Upper
99 100
42 17.2 14.7 22.1
71 42.9 34.8 52.2

Manual Integrations
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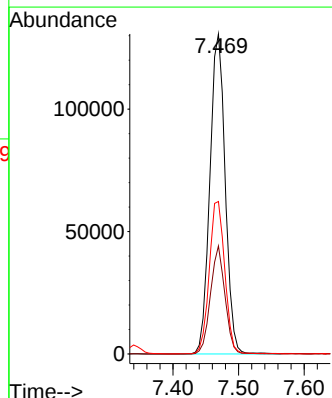
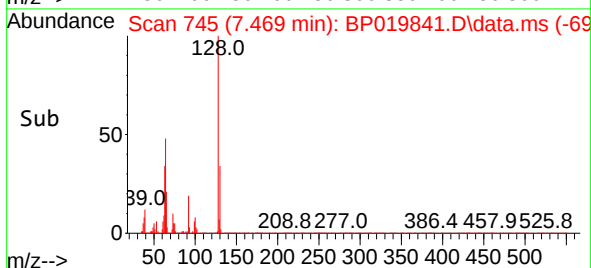
Reviewed By :Yogesh Patel 02/27/2024
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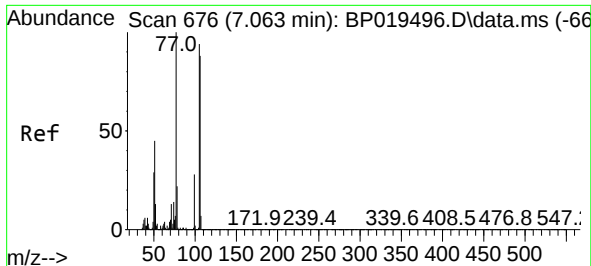


#8
2-Chlorophenol
Concen: 43.644 ng
RT: 7.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45



Tgt Ion:128 Resp: 212552
Ion Ratio Lower Upper
128 100
130 33.8 13.3 53.3
64 47.6 29.7 69.7





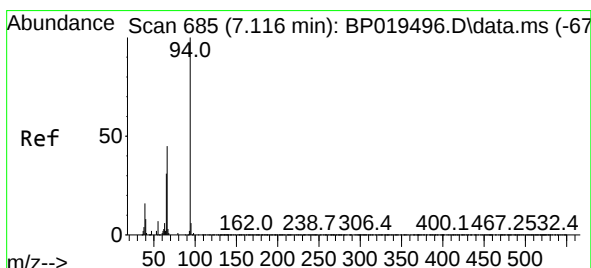
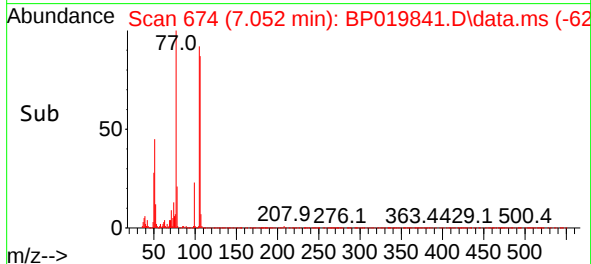
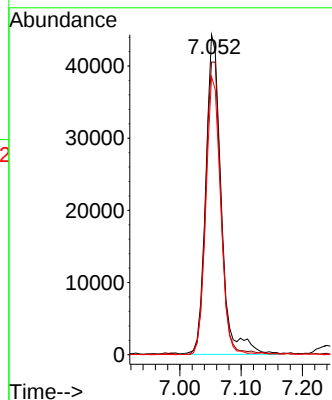
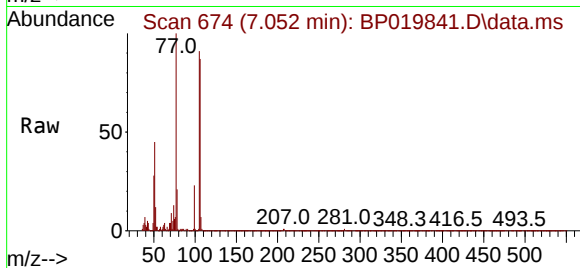
#9
Benzaldehyde
Concen: 17.372 ng m
RT: 7.052 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :
BNA_P
ClientSampleId :
PB159196BSD

Tgt Ion: 77 Resp: 7790
Ion Ratio Lower Upper
77 100
105 91.4 74.0 114.0
106 86.9 67.8 107.8

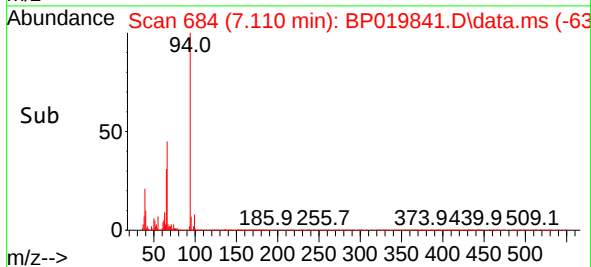
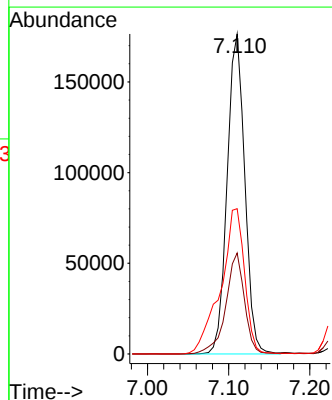
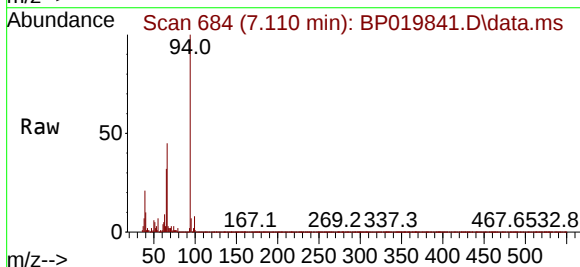
Manual Integrations
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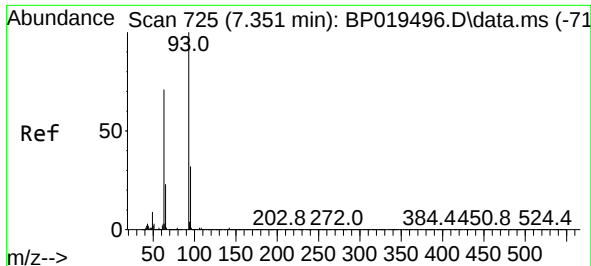
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#10
Phenol
Concen: 41.735 ng
RT: 7.110 min Scan# 684
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

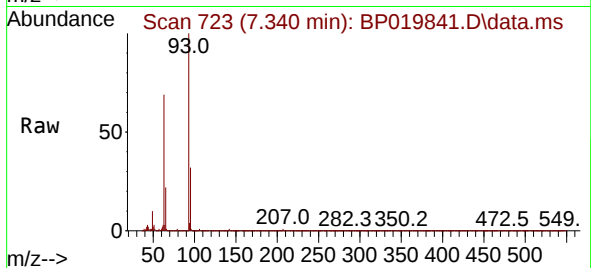
Tgt Ion: 94 Resp: 266055
Ion Ratio Lower Upper
94 100
65 31.5 11.3 51.3
66 45.4 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 40.839 ng
RT: 7.340 min Scan# 711
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

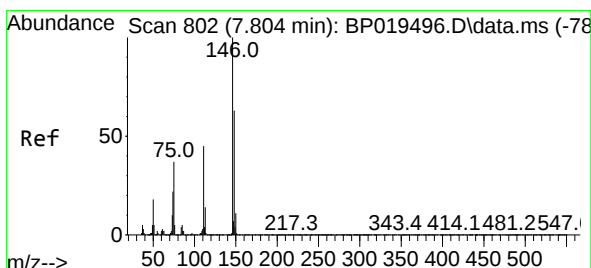
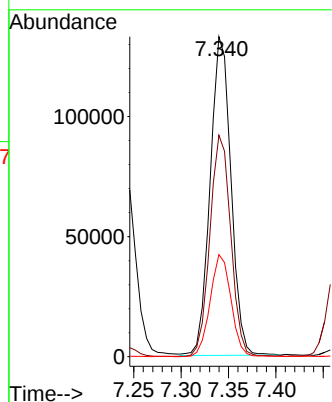
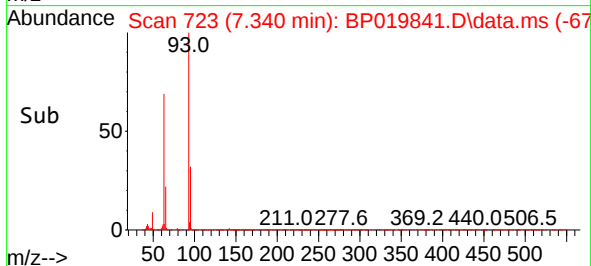
Instrument :
BNA_P
ClientSampleId :
PB159196BSD



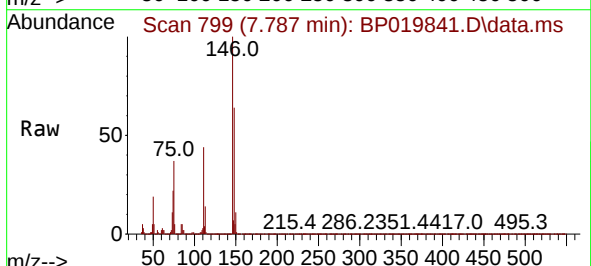
Tgt Ion: 93 Resp: 202540
Ion Ratio Lower Upper
93 100
63 69.2 51.2 91.2
95 31.9 11.8 51.8

Manual Integrations
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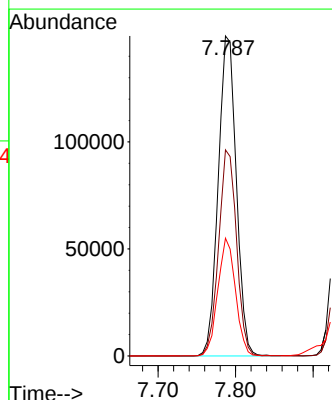
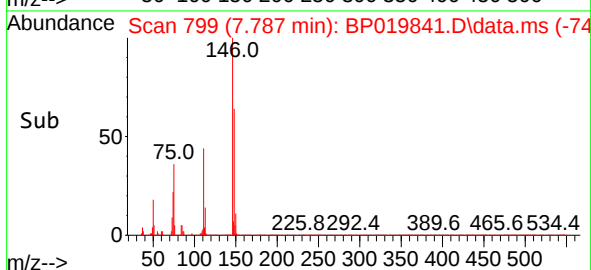
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#12
1,3-Dichlorobenzene
Concen: 40.647 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45



Tgt Ion:146 Resp: 242227
Ion Ratio Lower Upper
146 100
148 64.4 50.4 75.6
75 36.8 29.9 44.9





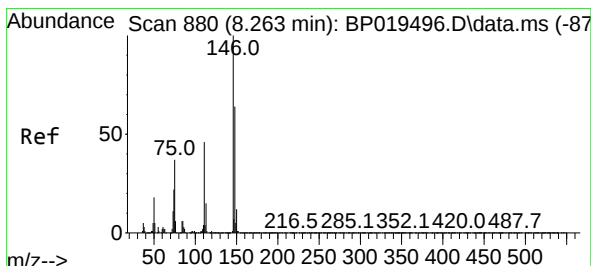
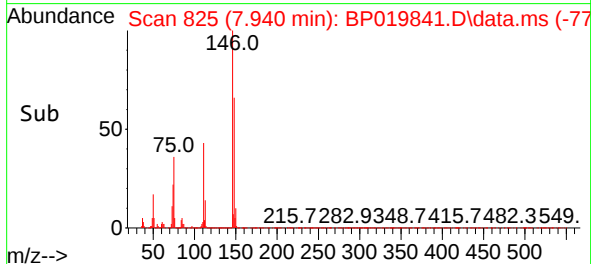
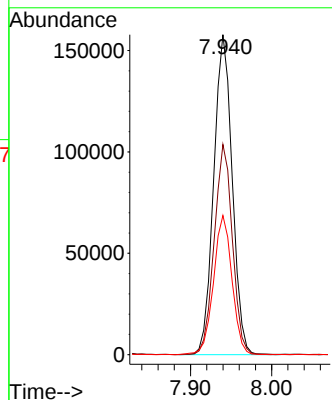
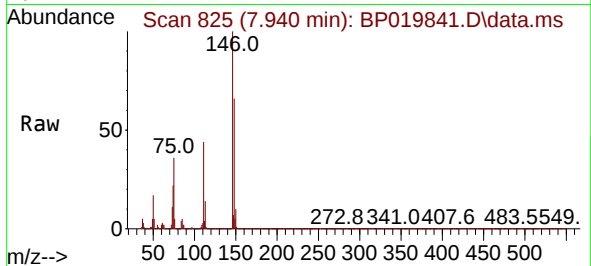
#13
1,4-Dichlorobenzene
Concen: 41.357 ng
RT: 7.940 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :
BNA_P
ClientSampleId :
PB159196BSD

Tgt Ion:146 Resp: 24969
Ion Ratio Lower Upper
146 100
148 65.7 51.9 77.9
111 43.5 35.8 53.6

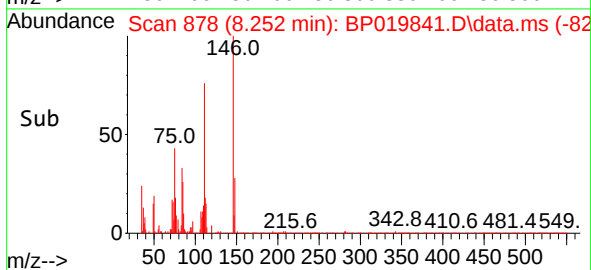
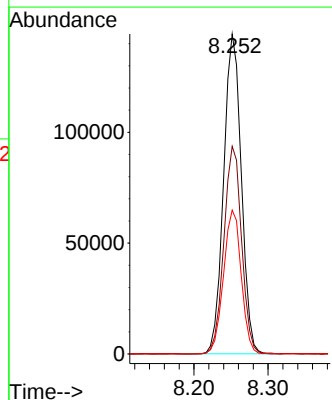
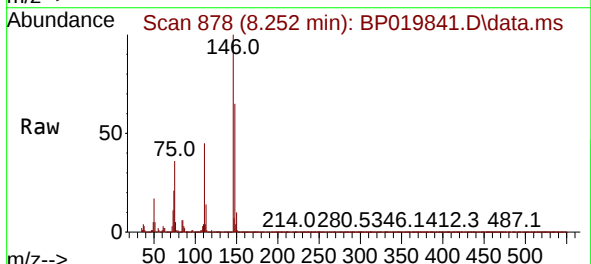
Manual Integrations
APPROVED

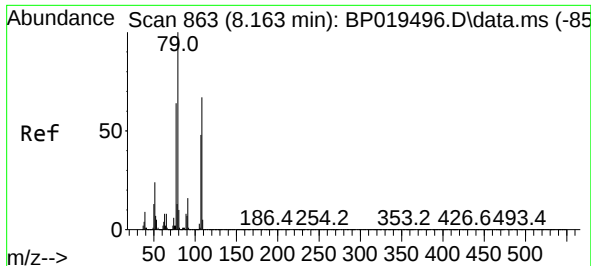
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#14
1,2-Dichlorobenzene
Concen: 40.898 ng
RT: 8.252 min Scan# 878
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Tgt Ion:146 Resp: 238911
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.0
111 45.0 37.0 55.6





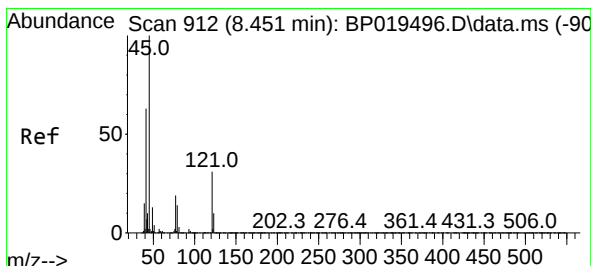
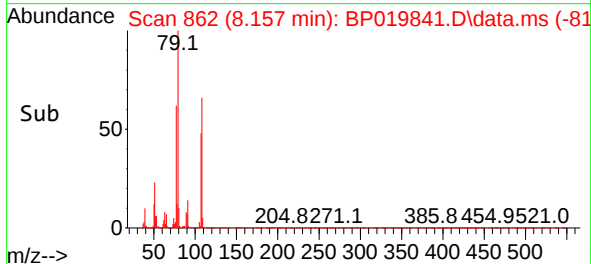
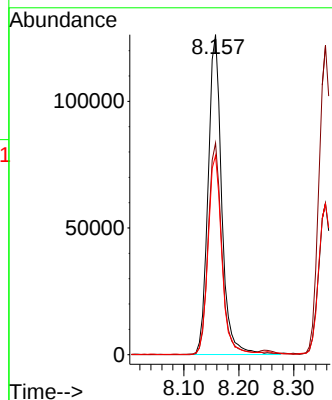
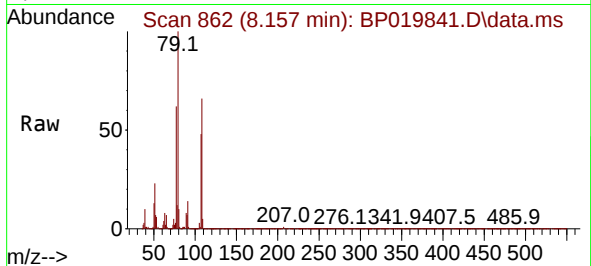
#15
Benzyl Alcohol
Concen: 42.375 ng
RT: 8.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :
BNA_P
ClientSampleId :
PB159196BSD

Tgt Ion: 79 Resp: 21655
Ion Ratio Lower Upper
79 100
108 66.1 53.8 80.6
77 62.2 51.3 76.9

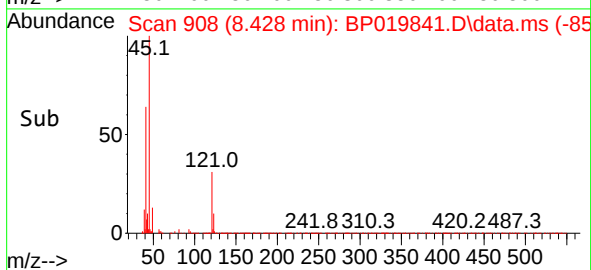
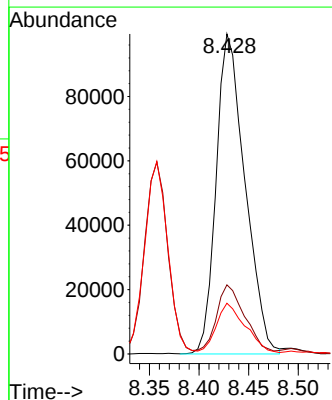
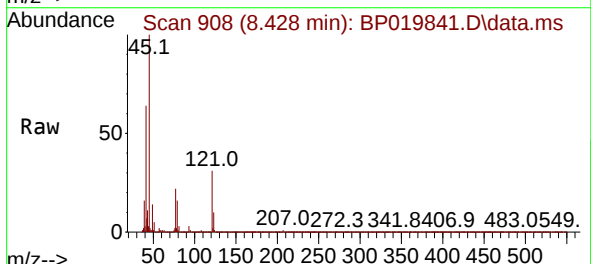
Manual Integrations
APPROVED

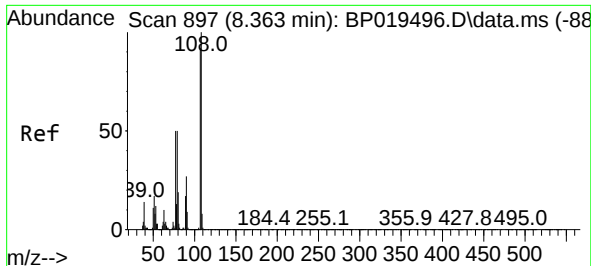
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.576 ng m
RT: 8.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Tgt Ion: 45 Resp: 201243
Ion Ratio Lower Upper
45 100
77 21.6 0.8 40.8
79 15.9 0.0 35.5





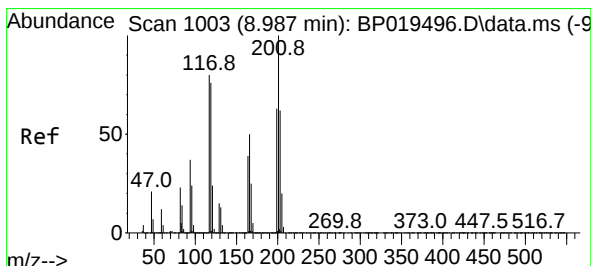
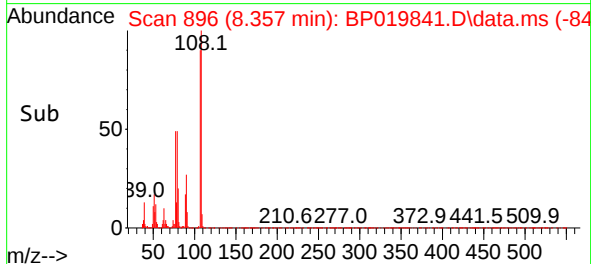
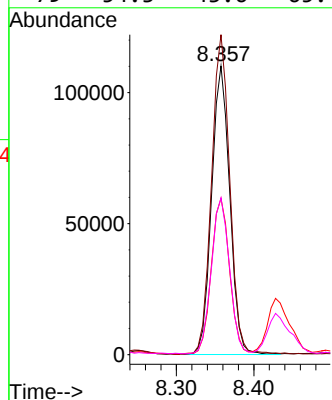
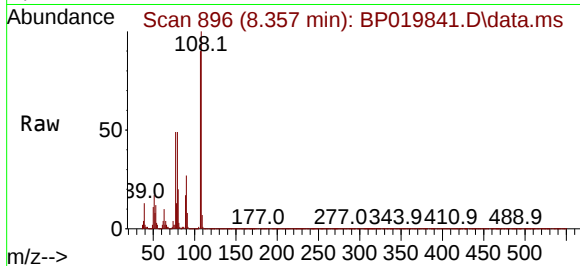
#17
2-Methylphenol
Concen: 41.697 ng
RT: 8.357 min Scan# 897
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :
BNA_P
ClientSampleId :
PB159196BSD

Tgt Ion:107 Resp: 178958
Ion Ratio Lower Upper
107 100
108 110.9 87.0 130.6
77 54.1 43.5 65.3
79 54.3 43.6 65.4

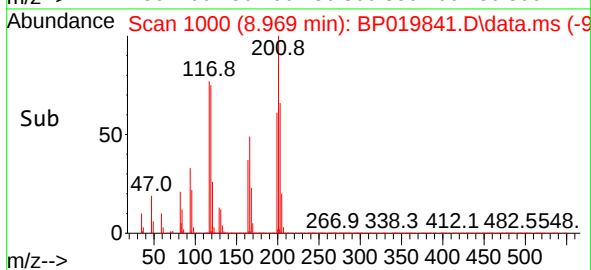
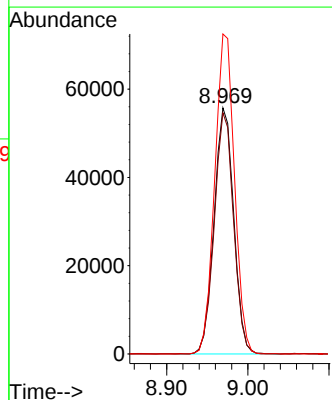
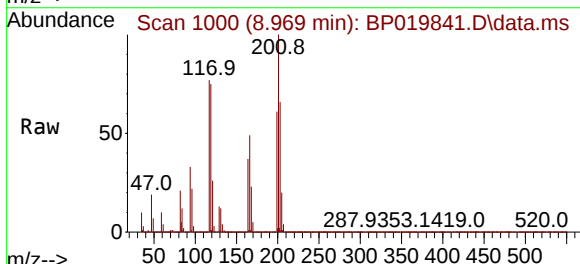
Manual Integrations
APPROVED

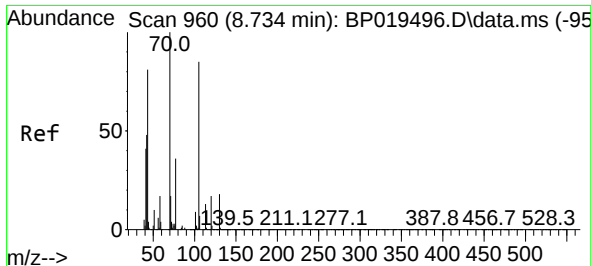
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#18
Hexachloroethane
Concen: 40.066 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

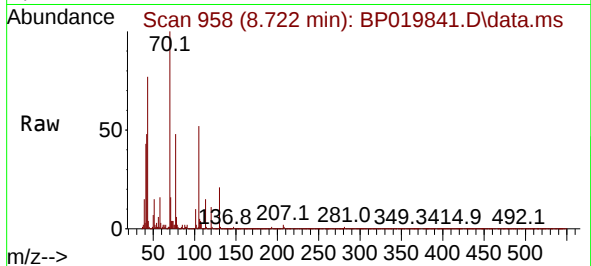
Tgt Ion:117 Resp: 93762
Ion Ratio Lower Upper
117 100
119 97.9 75.5 113.3
201 130.0 99.4 149.2





#19
n-Nitroso-di-n-propylamine
Concen: 39.137 ng
RT: 8.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

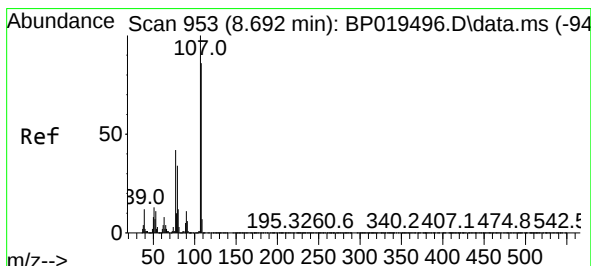
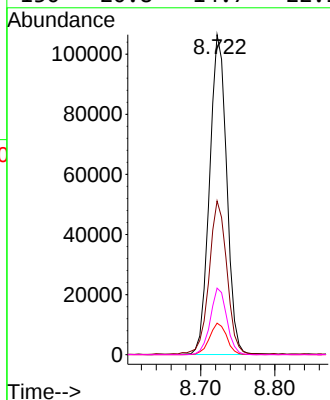
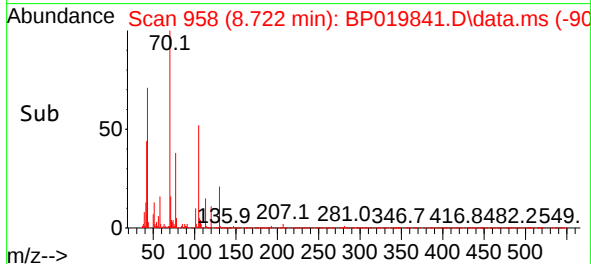
Instrument :
BNA_P
ClientSampleId :
PB159196BSD



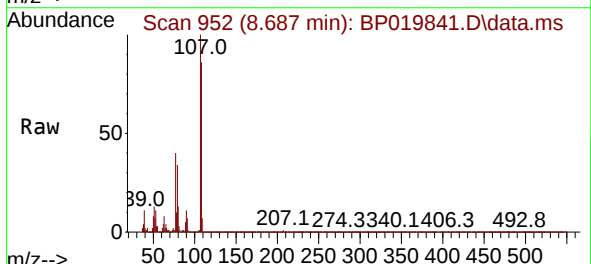
Tgt Ion: 70 Resp: 170984
Ion Ratio Lower Upper
70 100
42 48.1 39.2 58.8
101 9.9 7.3 10.9
130 20.8 14.7 22.1

Manual Integrations
APPROVED

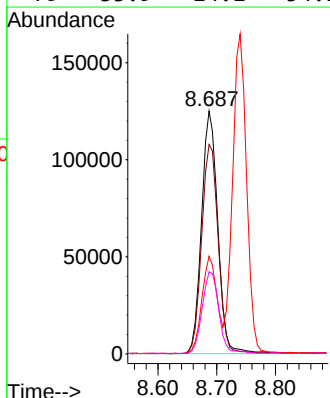
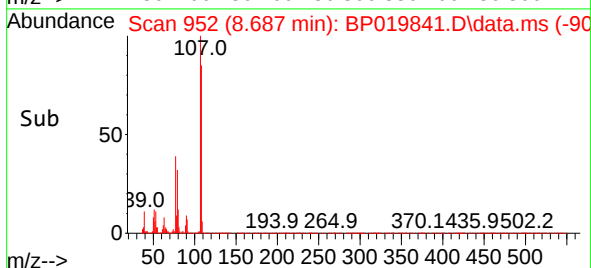
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

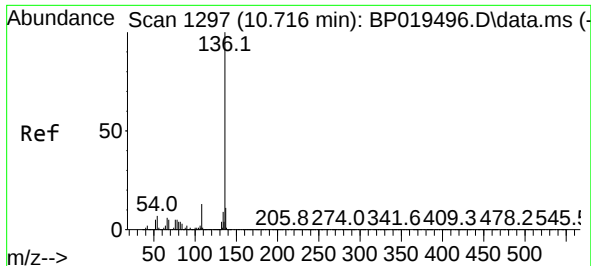


#20
3+4-Methylphenols
Concen: 40.815 ng
RT: 8.687 min Scan# 952
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45



Tgt Ion:107 Resp: 239065
Ion Ratio Lower Upper
107 100
108 86.2 65.5 105.5
77 40.2 21.8 61.8
79 33.9 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

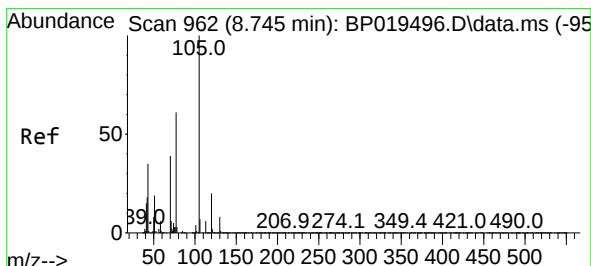
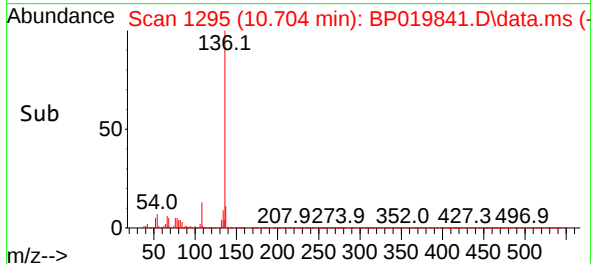
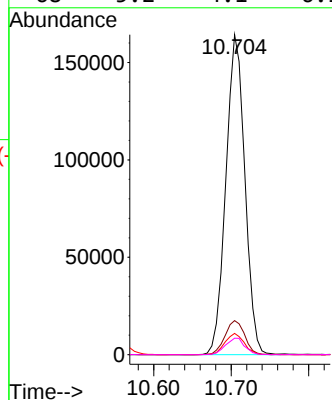
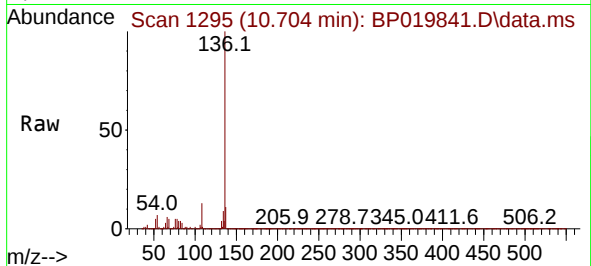
ClientSampleId :

PB159196BSD

Tgt Ion:136 Resp: 28068
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.7 5.3 7.9
68 5.2 4.1 6.1

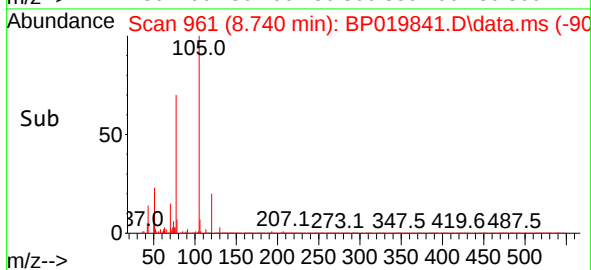
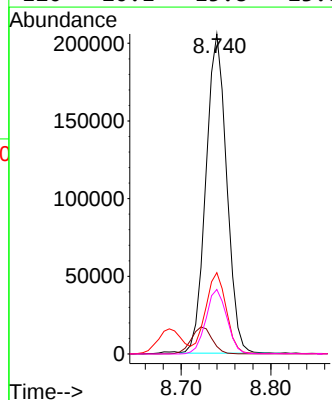
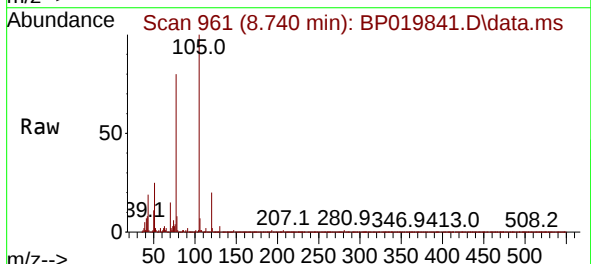
Manual Integrations
APPROVED

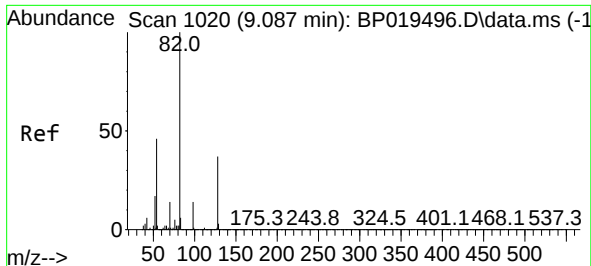
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#22
Acetophenone
Concen: 41.193 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Tgt Ion:105 Resp: 329388
Ion Ratio Lower Upper
105 100
71 2.3 4.9 7.3#
51 25.4 20.7 31.1
120 20.1 15.8 23.8





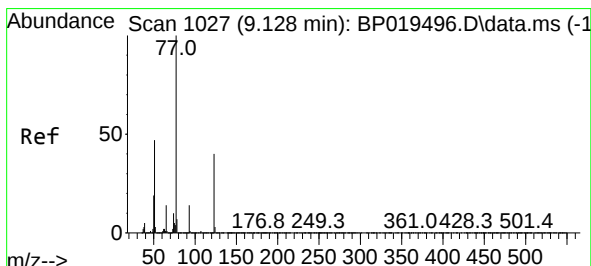
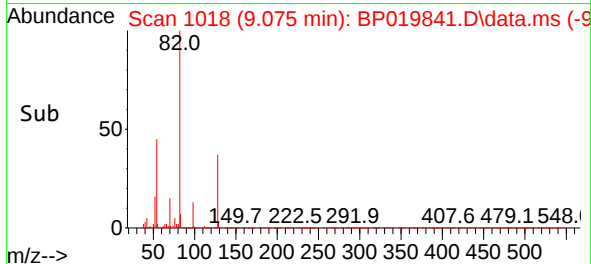
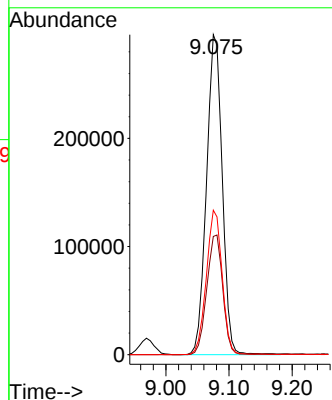
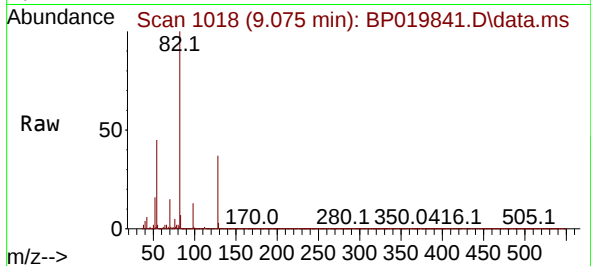
#23
Nitrobenzene-d5
Concen: 79.025 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :
BNA_P
ClientSampleId :
PB159196BSD

Tgt Ion: 82 Resp: 51189
Ion Ratio Lower Upper
82 100
128 36.9 29.7 44.5
54 45.1 36.8 55.2

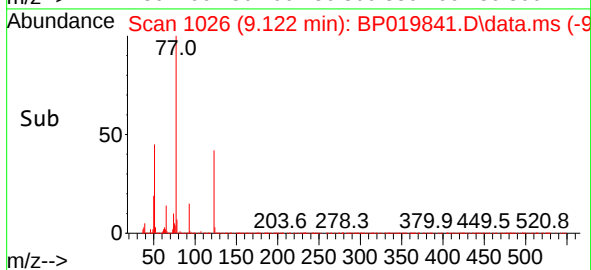
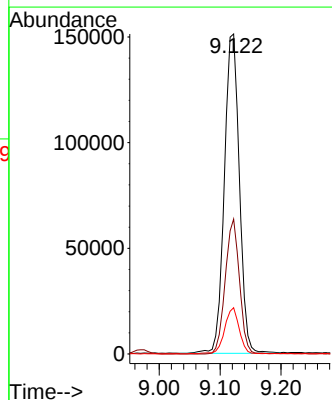
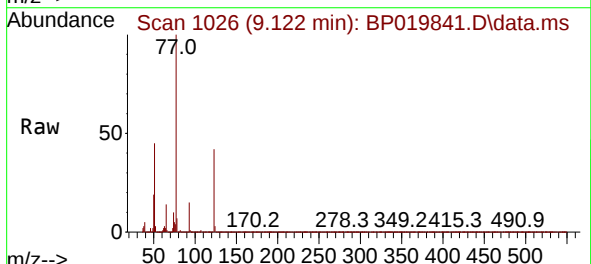
Manual Integrations
APPROVED

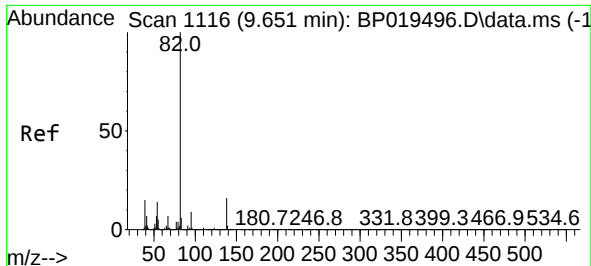
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#24
Nitrobenzene
Concen: 39.804 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

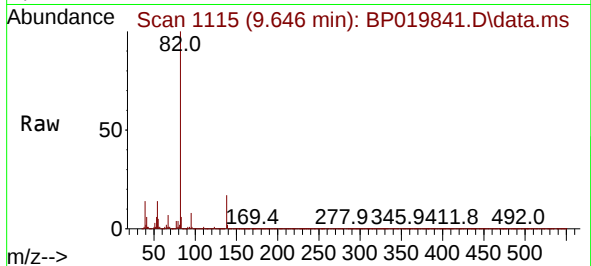
Tgt Ion: 77 Resp: 259604
Ion Ratio Lower Upper
77 100
123 42.2 32.3 48.5
65 14.5 11.6 17.4





#25
Isophorone
Concen: 40.745 ng
RT: 9.646 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

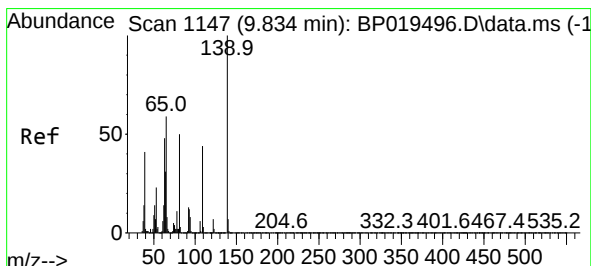
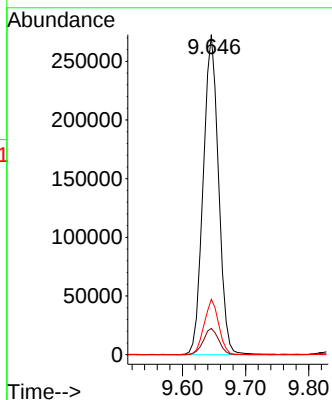
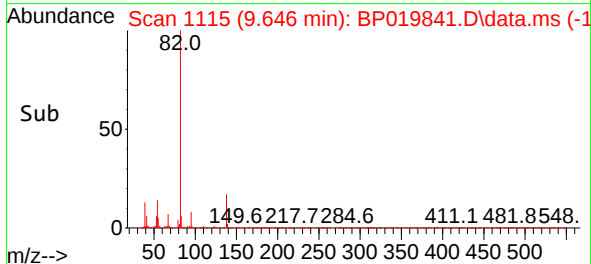
Instrument :
BNA_P
ClientSampleId :
PB159196BSD



Tgt Ion: 82 Resp: 459650
Ion Ratio Lower Upper
82 100
95 8.2 7.0 10.4
138 17.3 13.1 19.7

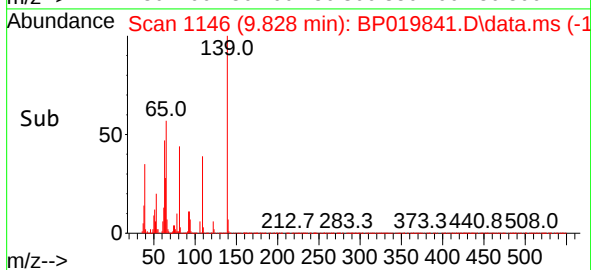
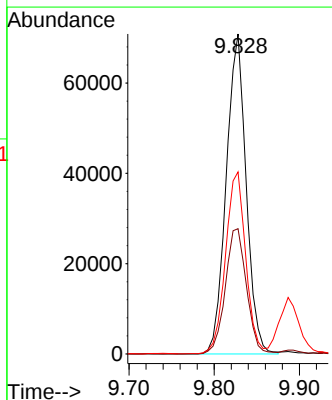
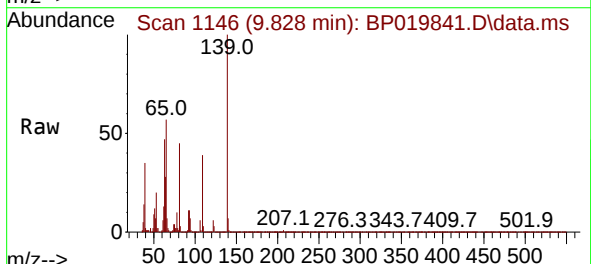
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#26
2-Nitrophenol
Concen: 46.334 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

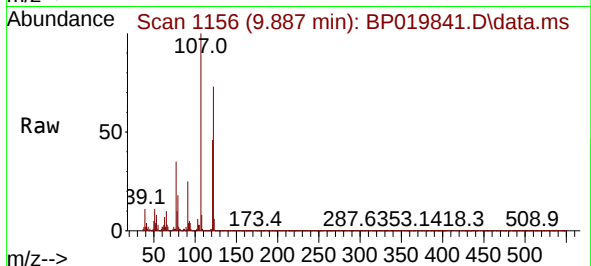
Tgt Ion:139 Resp: 115222
Ion Ratio Lower Upper
139 100
109 39.2 34.9 52.3
65 56.9 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 48.828 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

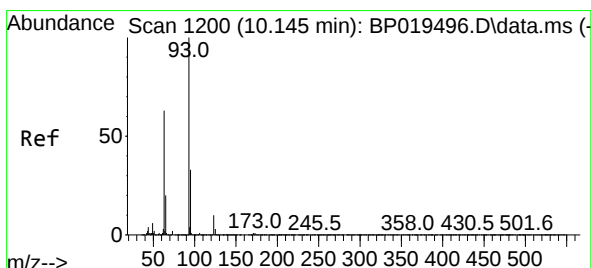
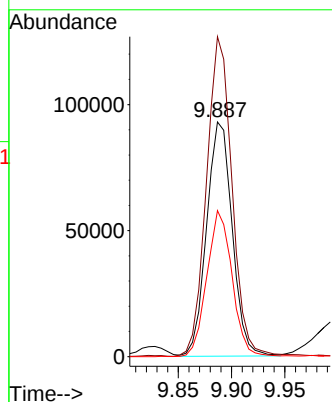
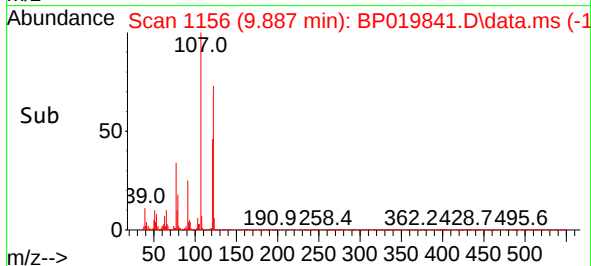
Instrument :
BNA_P
ClientSampleId :
PB159196BSD



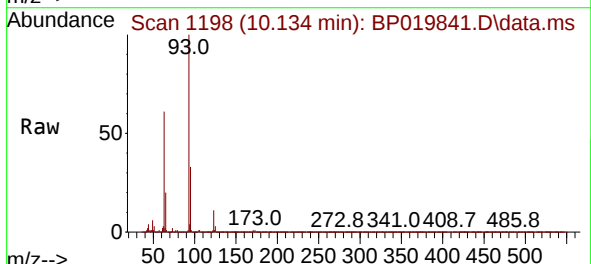
Tgt Ion:122 Resp: 155264
Ion Ratio Lower Upper
122 100
107 136.4 105.9 158.9
121 62.3 47.5 71.3

Manual Integrations
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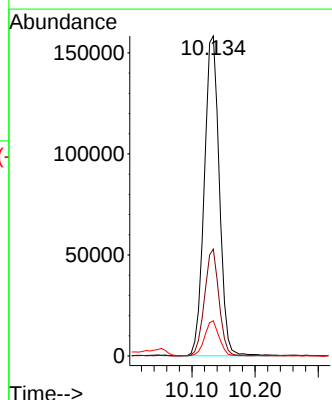
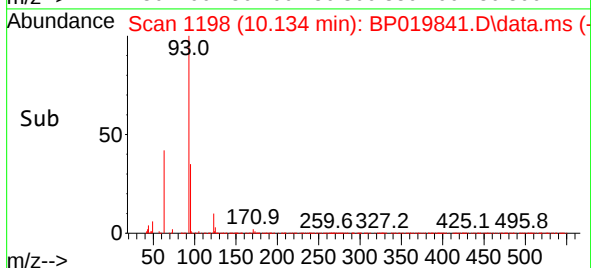
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.094 ng
RT: 10.134 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45



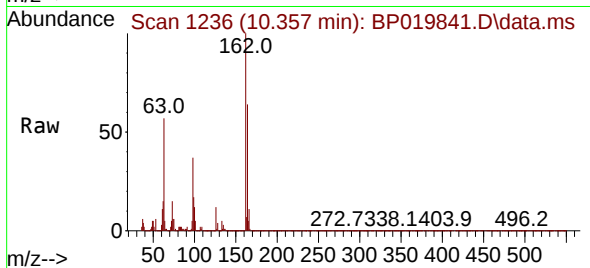
Tgt Ion: 93 Resp: 262293
Ion Ratio Lower Upper
93 100
95 33.4 26.2 39.4
123 11.0 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 44.657 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

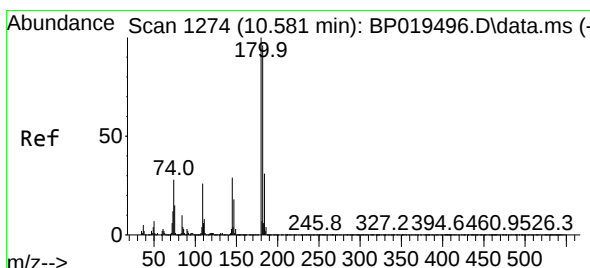
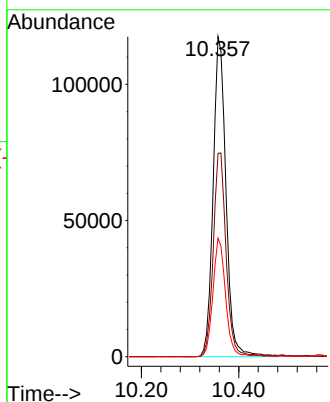
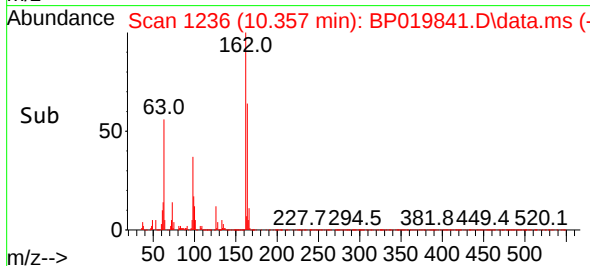
Instrument :
BNA_P
ClientSampleId :
PB159196BSD



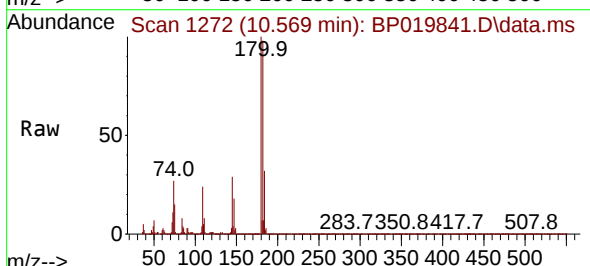
Tgt Ion:162 Resp: 214659
Ion Ratio Lower Upper
162 100
164 63.5 46.0 86.0
98 37.0 18.7 58.7

Manual Integrations
APPROVED

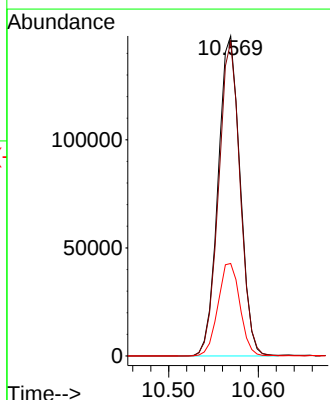
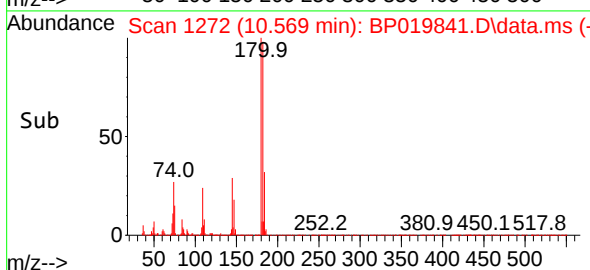
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

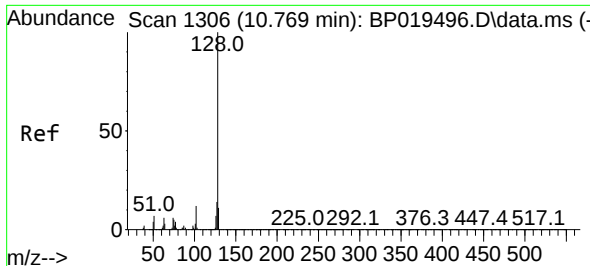


#30
1,2,4-Trichlorobenzene
Concen: 42.638 ng
RT: 10.569 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45



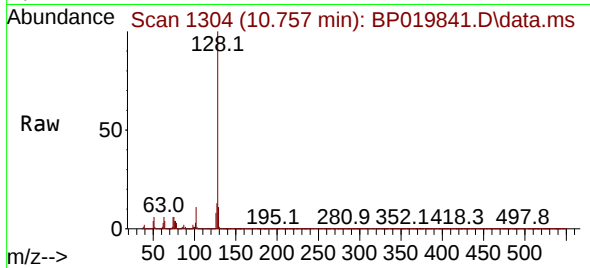
Tgt Ion:180 Resp: 251297
Ion Ratio Lower Upper
180 100
182 98.1 77.0 115.6
145 28.9 23.2 34.8





#31
Naphthalene
Concen: 41.048 ng
RT: 10.757 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

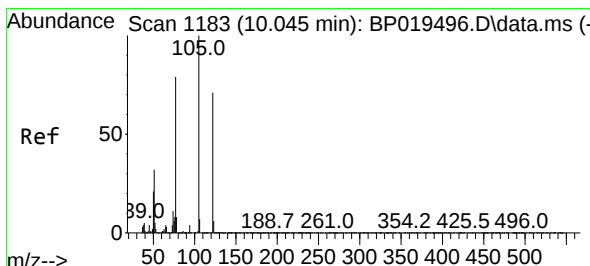
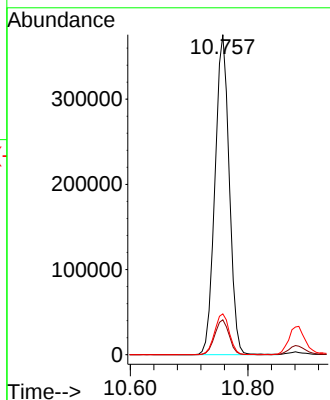
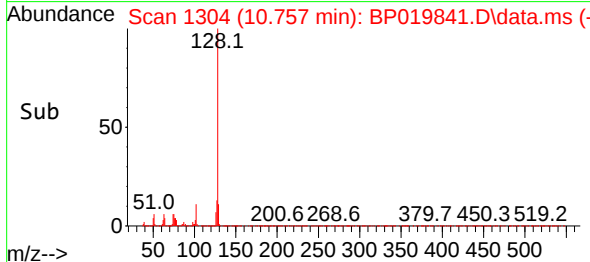
Instrument :
BNA_P
ClientSampleId :
PB159196BSD



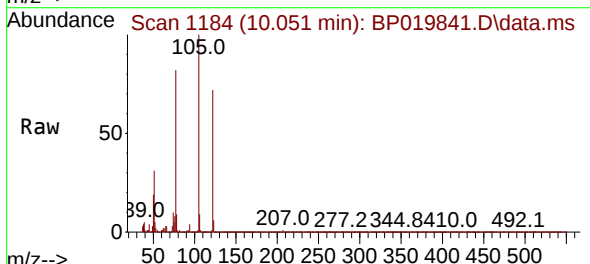
Tgt Ion:128 Resp: 63191
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.7 10.8 16.2

Manual Integrations
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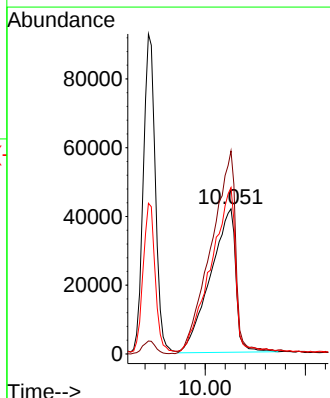
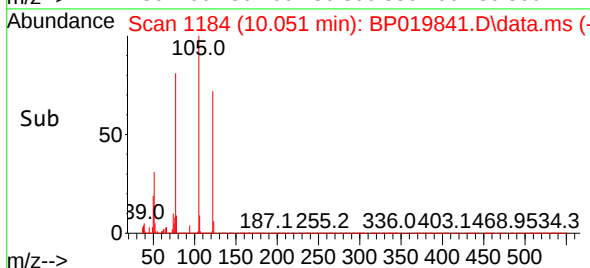
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

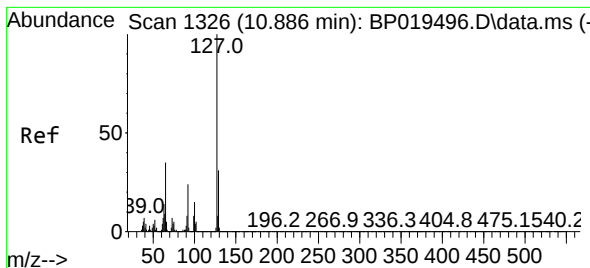


#32
Benzoic acid
Concen: 47.267 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45



Tgt Ion:122 Resp: 146441
Ion Ratio Lower Upper
122 100
105 139.8 118.8 158.8
77 114.6 91.7 131.7





#33
4-Chloroaniline
Concen: 12.146 ng
RT: 10.887 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD

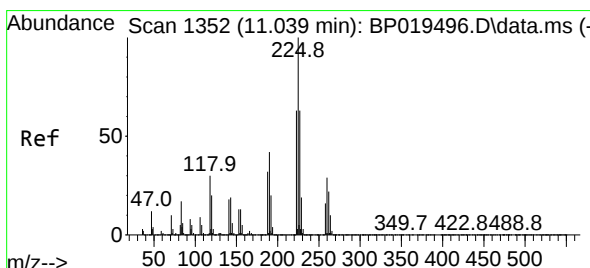
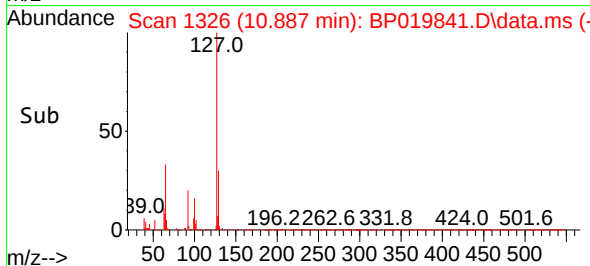
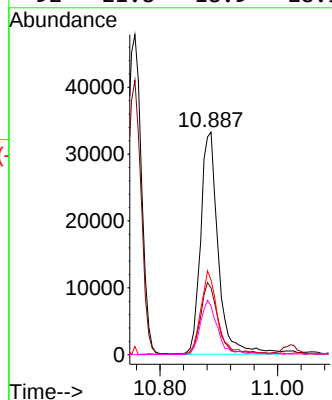
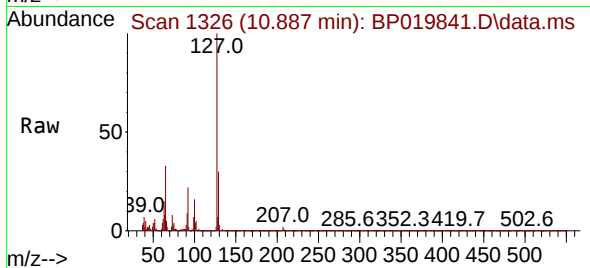
Tgt Ion:	127	Resp:	6914
Ion Ratio	Lower	Upper	
127	100		
129	30.0	24.6	36.8
65	33.4	28.2	42.4
92	21.8	18.9	28.3

Manual Integrations

APPROVED

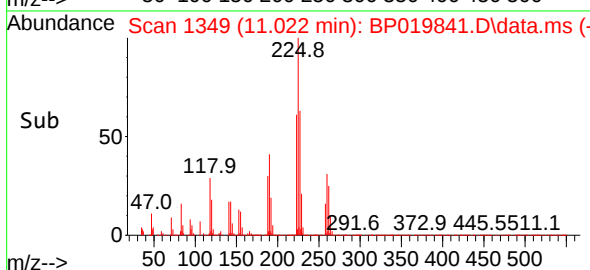
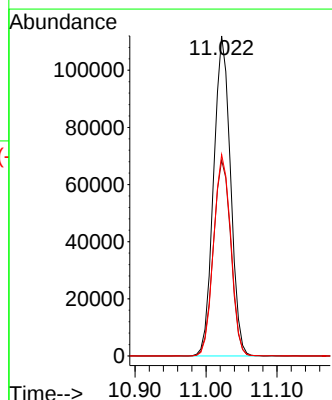
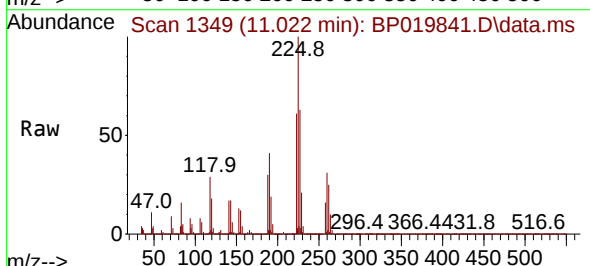
Reviewed By :Yogesh Patel 02/27/2024

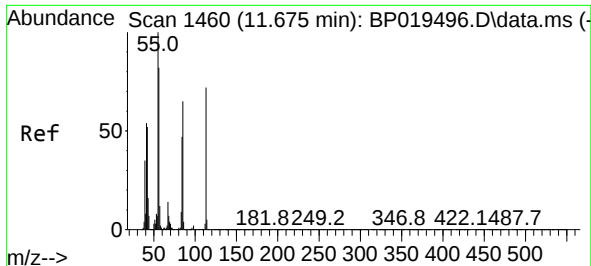
Supervised By :mohammad ahmed 02/27/2024



#34
Hexachlorobutadiene
Concen: 42.353 ng
RT: 11.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

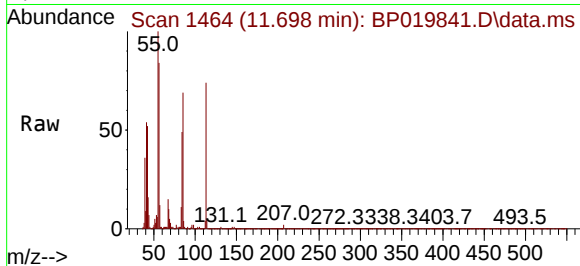
Tgt Ion:	225	Resp:	184978
Ion Ratio	Lower	Upper	
225	100		
223	61.2	50.5	75.7
227	62.9	50.2	75.2





#35
Caprolactam
Concen: 46.245 ng
RT: 11.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

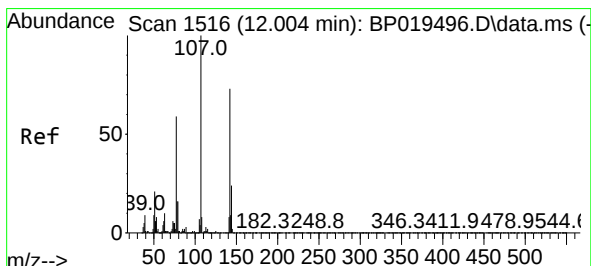
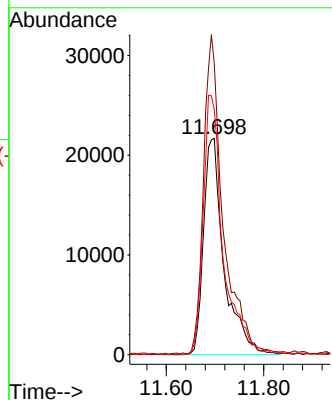
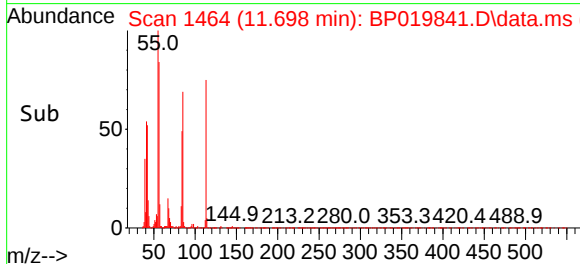
Instrument :
BNA_P
ClientSampleId :
PB159196BSD



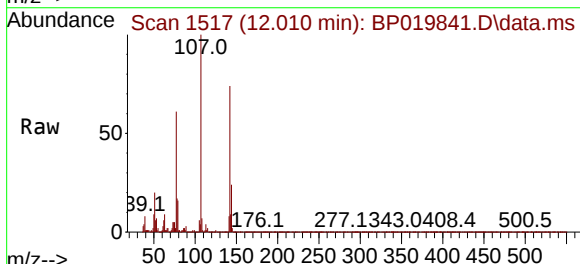
Tgt Ion:113 Resp: 62930
Ion Ratio Lower Upper
113 100
55 134.6 120.0 160.0
56 113.2 94.0 134.0

Manual Integrations
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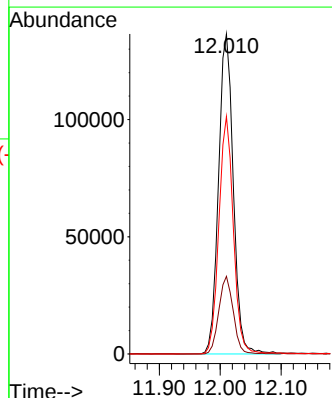
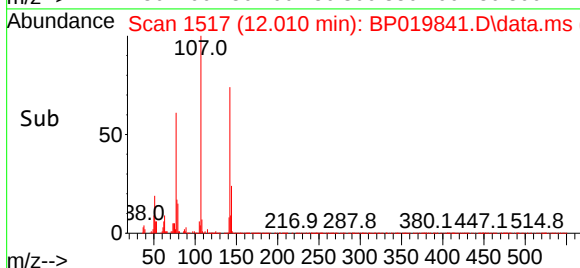
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

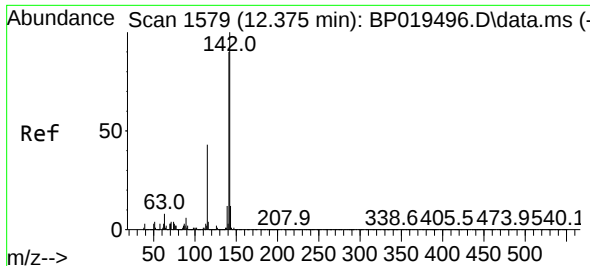


#36
4-Chloro-3-methylphenol
Concen: 43.786 ng
RT: 12.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45



Tgt Ion:107 Resp: 229496
Ion Ratio Lower Upper
107 100
144 24.3 19.0 28.4
142 74.2 58.6 88.0





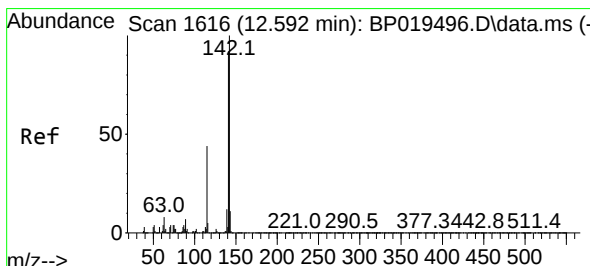
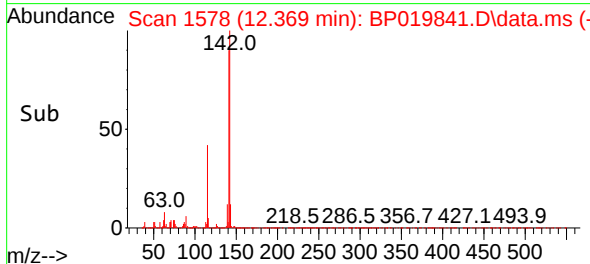
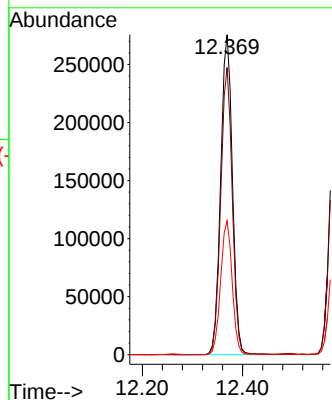
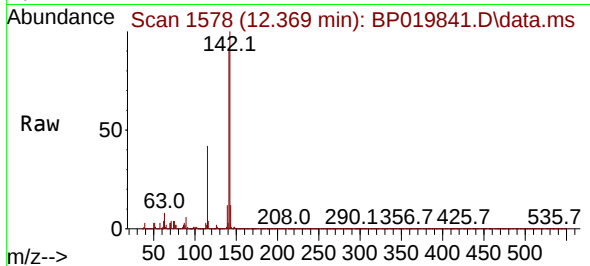
#37
2-Methylnaphthalene
Concen: 41.995 ng
RT: 12.369 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :
BNA_P
ClientSampleId :
PB159196BSD

Tgt Ion:142 Resp: 44740
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.4
115 41.9 34.2 51.2

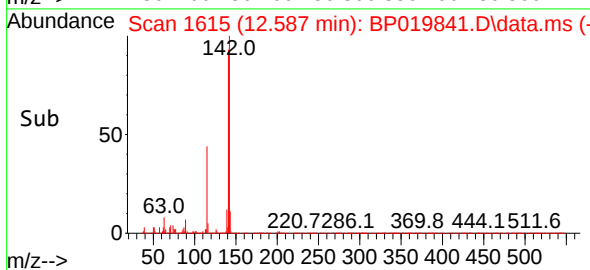
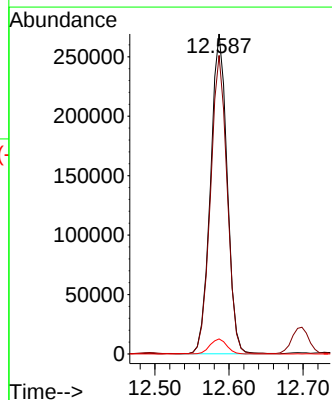
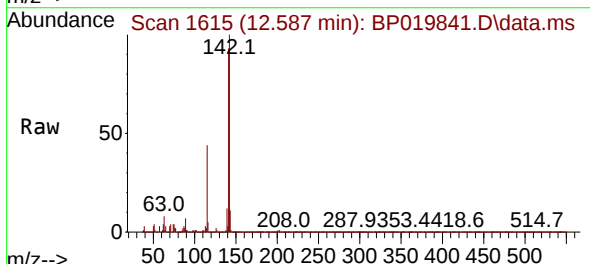
Manual Integrations
APPROVED

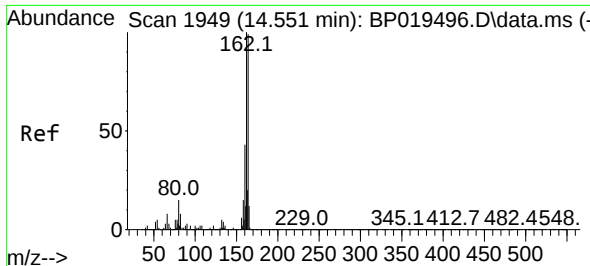
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#38
1-Methylnaphthalene
Concen: 40.131 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

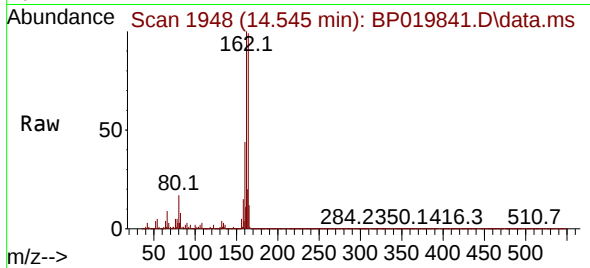
Tgt Ion:142 Resp: 420152
Ion Ratio Lower Upper
142 100
141 93.3 74.0 111.0
116 4.7 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

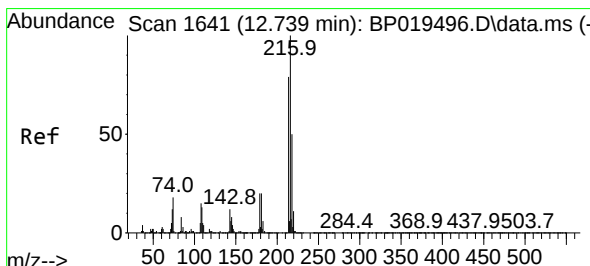
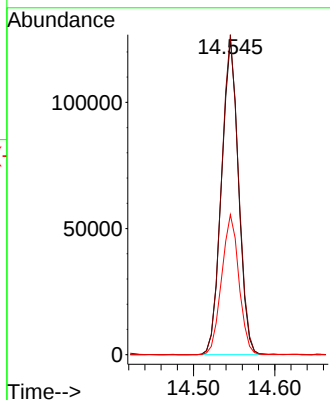
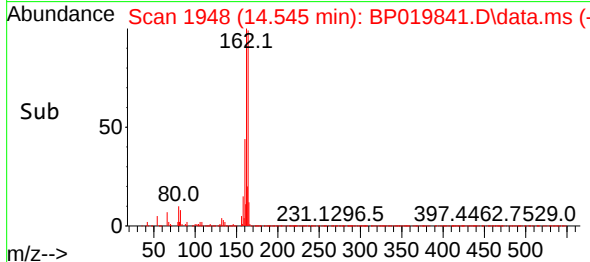
Instrument :
BNA_P
ClientSampleId :
PB159196BSD



Tgt Ion:164 Resp: 18175
Ion Ratio Lower Upper
164 100
162 101.4 81.2 121.8
160 44.4 35.1 52.7

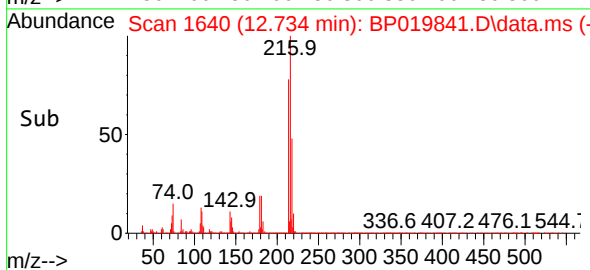
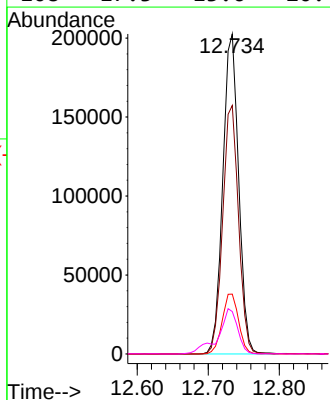
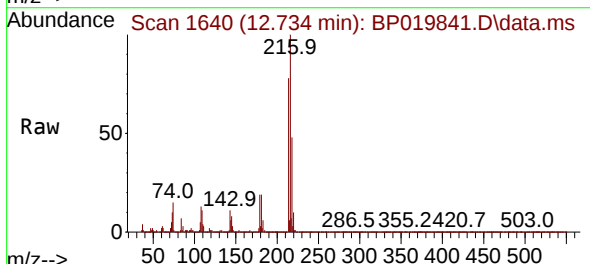
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.655 ng
RT: 12.734 min Scan# 1640
Delta R.T. 0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Tgt Ion:216 Resp: 313019
Ion Ratio Lower Upper
216 100
214 77.8 62.8 94.2
179 19.4 16.6 24.8
108 17.3 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 116.228 ng

RT: 12.698 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD

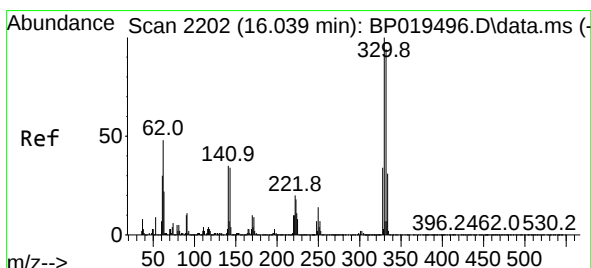
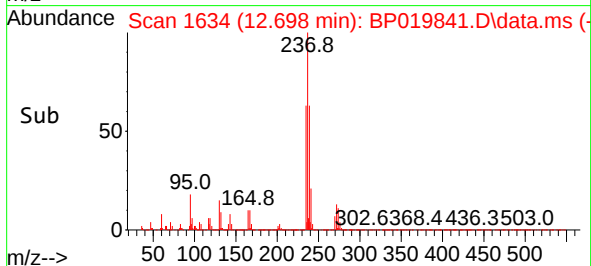
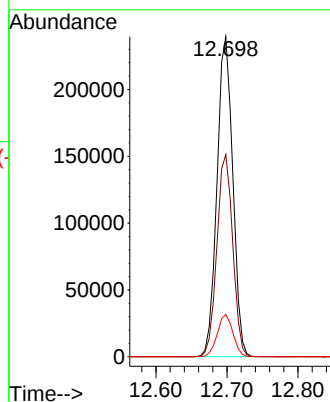
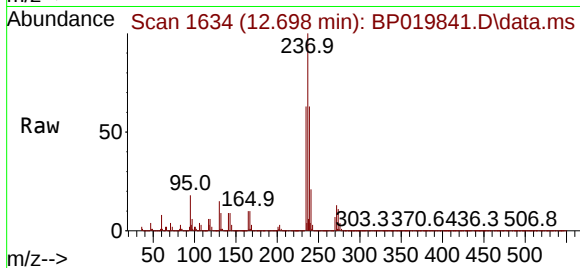
Tgt Ion:	237	Resp:	36805
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.7	83.7
272	13.2	0.0	32.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#42

2,4,6-Tribromophenol

Concen: 155.963 ng

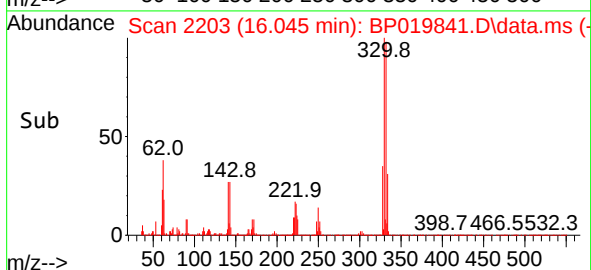
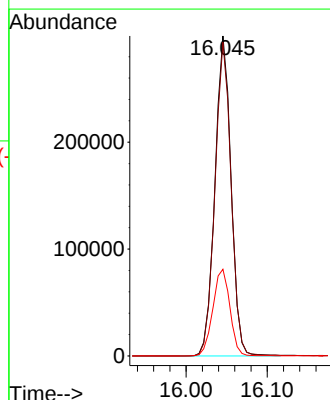
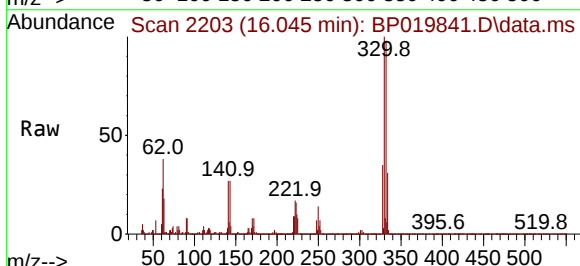
RT: 16.045 min Scan# 2203

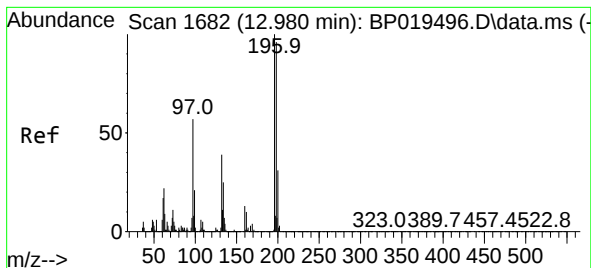
Delta R.T. -0.000 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Tgt Ion:	330	Resp:	413891
Ion Ratio	Lower	Upper	
330	100		
332	97.9	77.2	115.8
141	28.7	27.0	40.4





#43

2,4,6-Trichlorophenol

Concen: 46.253 ng

RT: 12.981 min Scan# 1682

Delta R.T. -0.000 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD

Tgt Ion:196 Resp: 19632

Ion Ratio Lower Upper

196 100

198 100.6 76.7 115.1

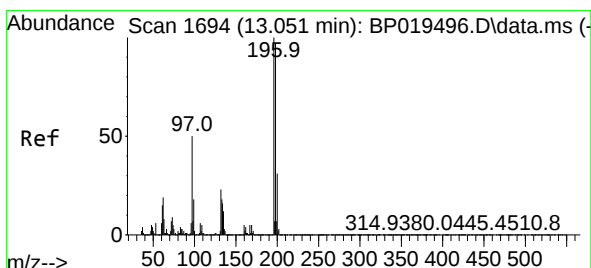
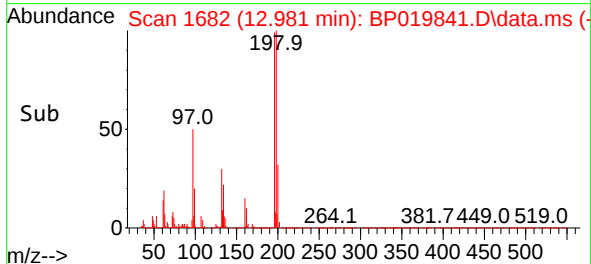
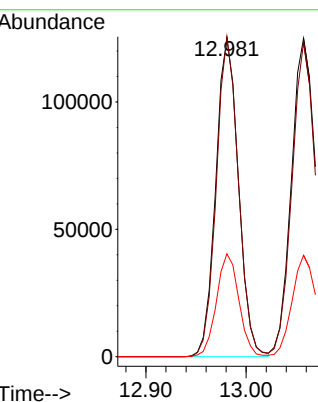
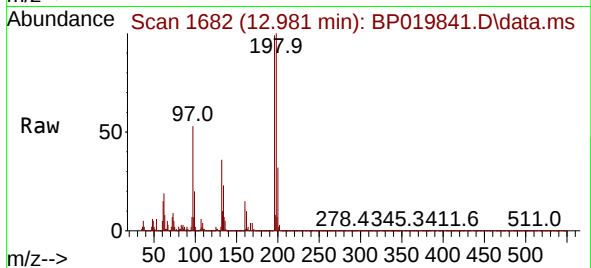
200 32.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#44

2,4,5-Trichlorophenol

Concen: 45.774 ng

RT: 13.057 min Scan# 1695

Delta R.T. -0.000 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Tgt Ion:196 Resp: 213343

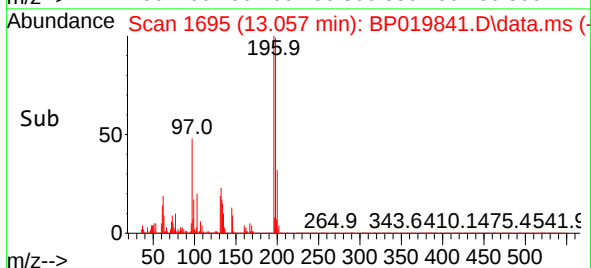
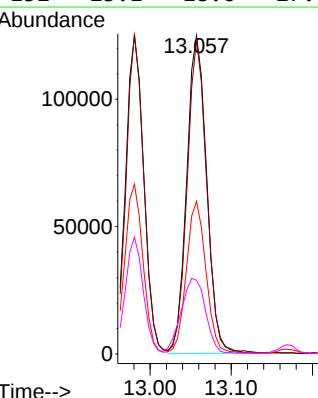
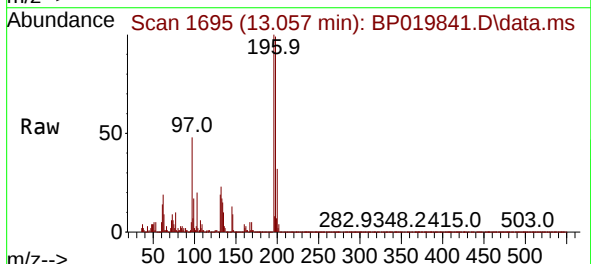
Ion Ratio Lower Upper

196 100

198 98.7 77.5 116.3

97 47.9 39.9 59.9

132 23.1 18.6 27.8





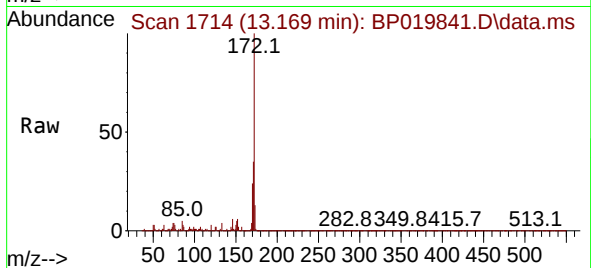
#45
2-Fluorobiphenyl
Concen: 80.942 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD



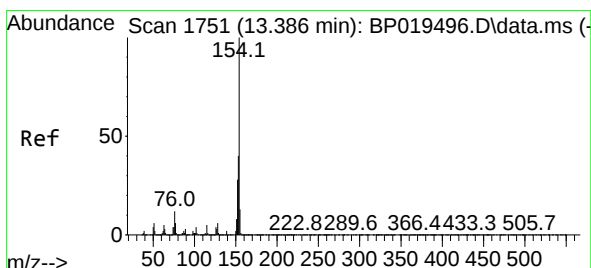
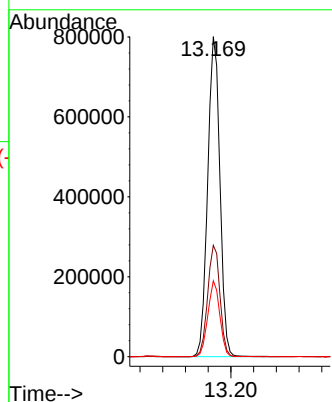
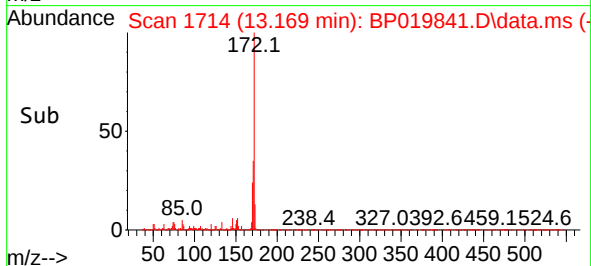
Tgt Ion:172 Resp: 119005
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.7 18.9 28.3

Manual Integrations

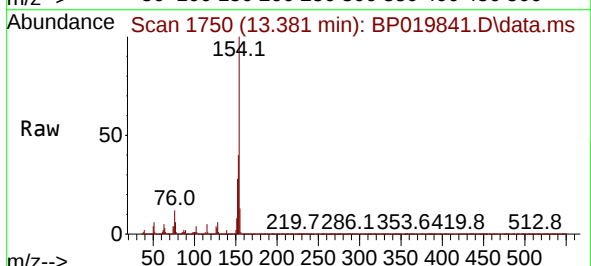
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

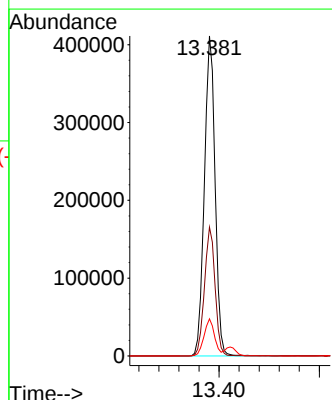
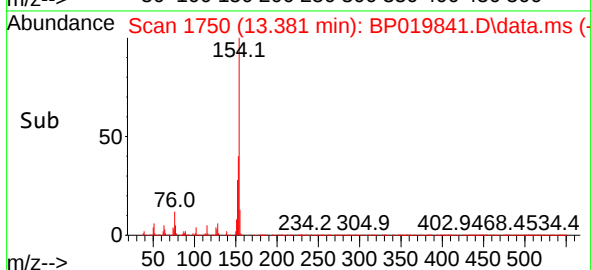
Supervised By :mohammad ahmed 02/27/2024

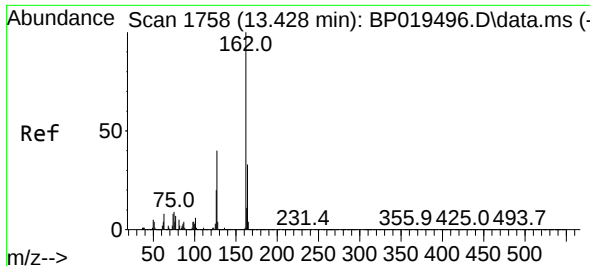


#46
1,1'-Biphenyl
Concen: 42.127 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45



Tgt Ion:154 Resp: 611126
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 11.6 0.0 31.6





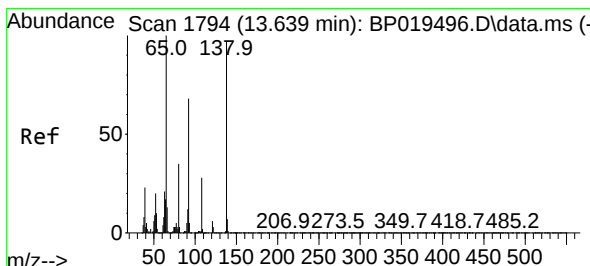
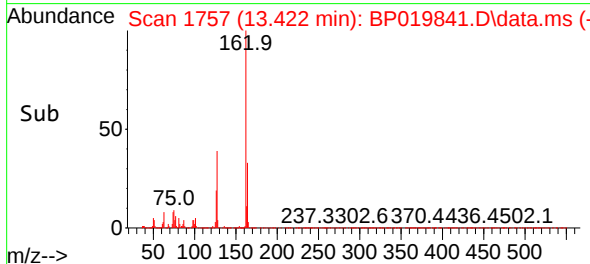
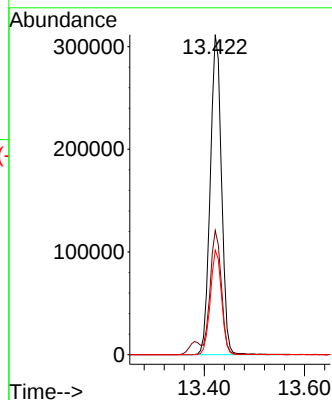
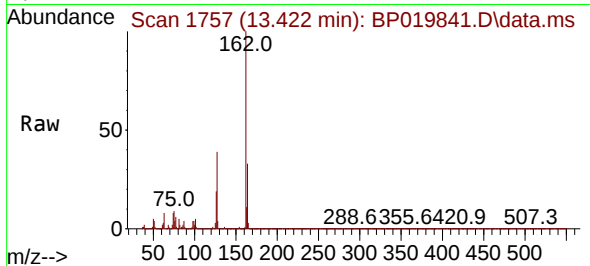
#47
2-Chloronaphthalene
Concen: 40.833 ng
RT: 13.422 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :
BNA_P
ClientSampleId :
PB159196BSD

Tgt Ion:162 Resp: 48625
Ion Ratio Lower Upper
162 100
127 38.8 32.1 48.1
164 32.7 26.7 40.1

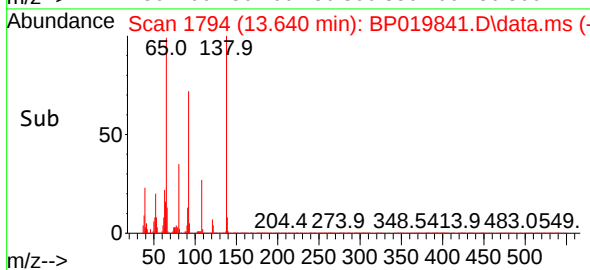
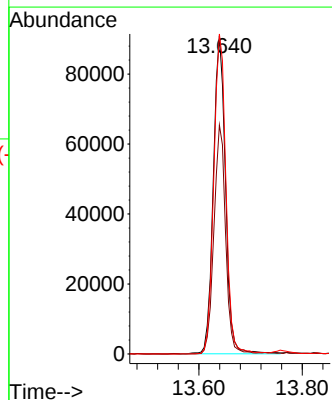
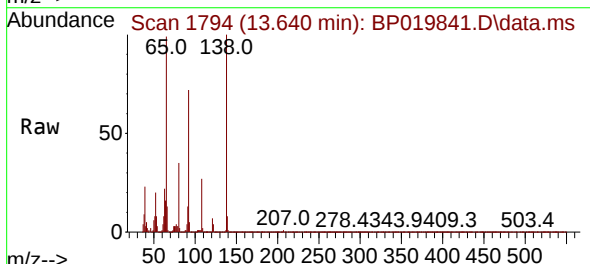
Manual Integrations
APPROVED

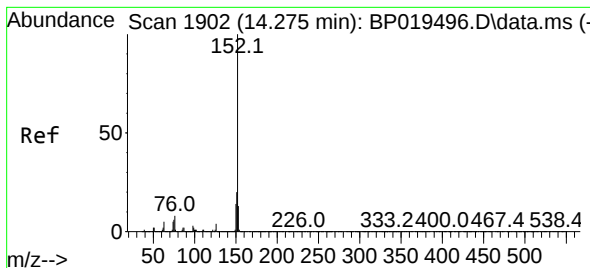
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#48
2-Nitroaniline
Concen: 44.671 ng
RT: 13.640 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Tgt Ion: 65 Resp: 148744
Ion Ratio Lower Upper
65 100
92 71.9 54.7 82.1
138 100.5 77.8 116.6





#49

Acenaphthylene

Concen: 45.629 ng

RT: 14.269 min Scan# 1902

Delta R.T. -0.000 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD

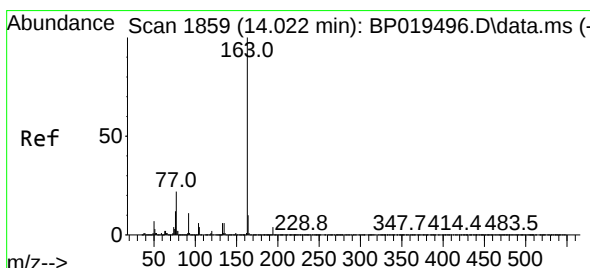
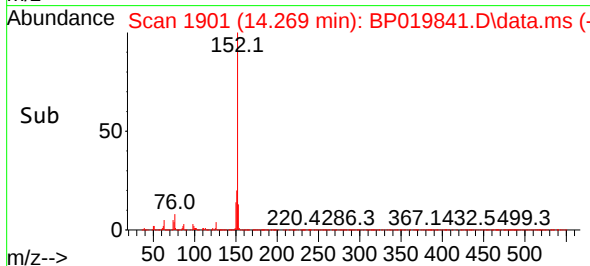
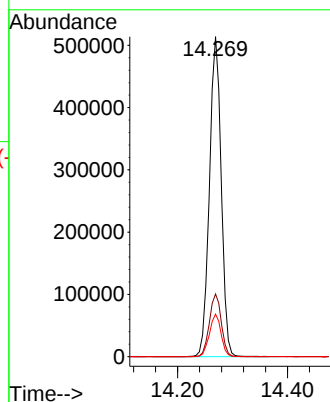
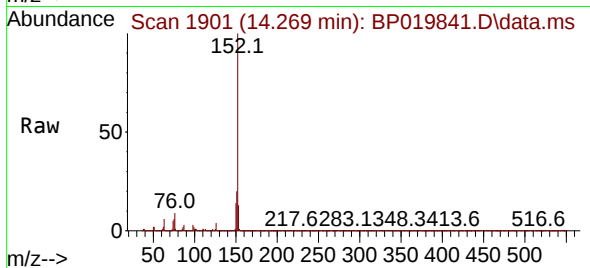
Tgt Ion:152 Resp: 762319
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.8 23.6
 153 13.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#50

Dimethylphthalate

Concen: 44.545 ng

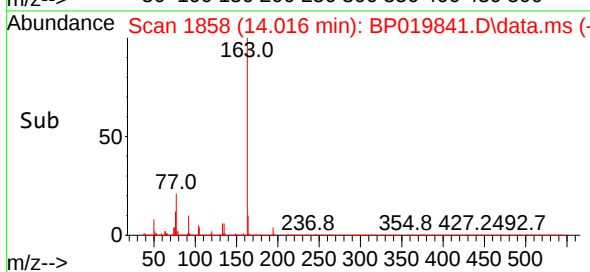
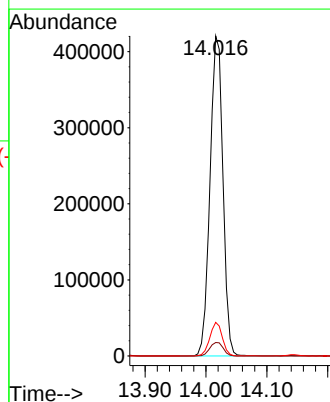
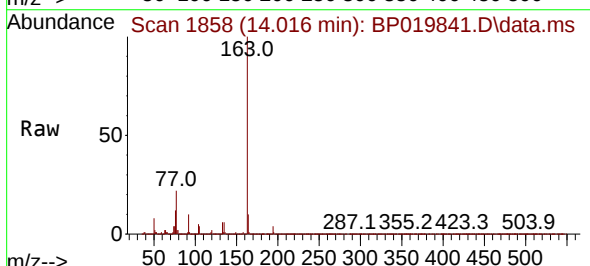
RT: 14.016 min Scan# 1858

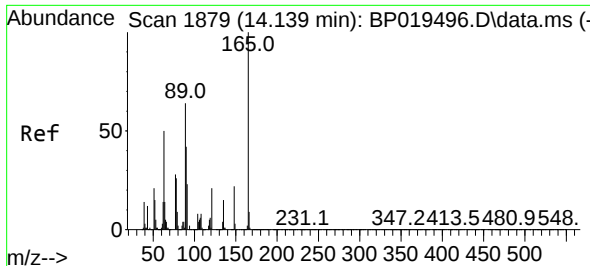
Delta R.T. -0.000 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Tgt Ion:163 Resp: 619803
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.4 5.2
 164 10.5 7.8 11.6





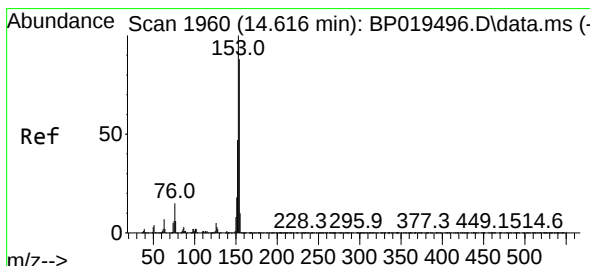
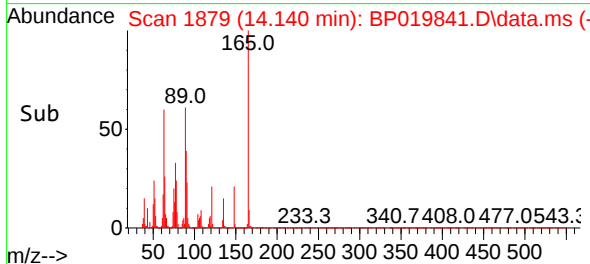
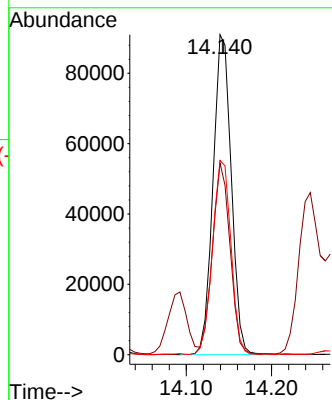
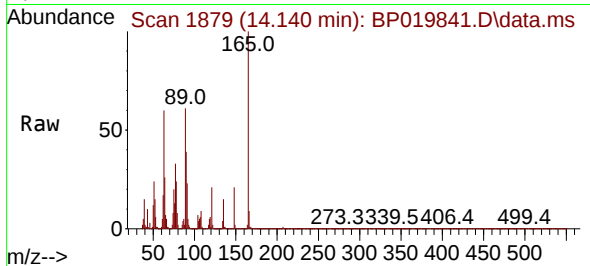
#51
2,6-Dinitrotoluene
Concen: 44.187 ng
RT: 14.140 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :
BNA_P
ClientSampleId :
PB159196BSD

Tgt Ion:165 Resp: 135079
Ion Ratio Lower Upper
165 100
63 59.8 50.4 75.6
89 60.7 51.7 77.5

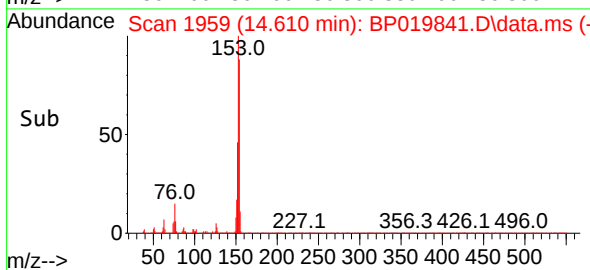
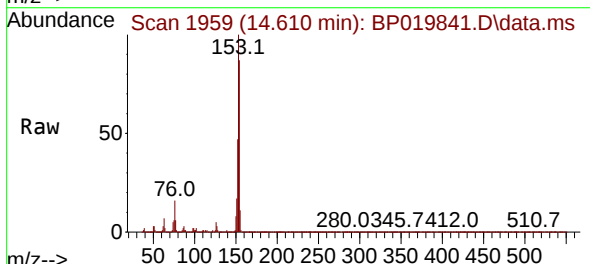
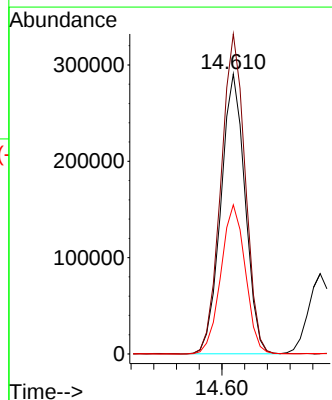
Manual Integrations
APPROVED

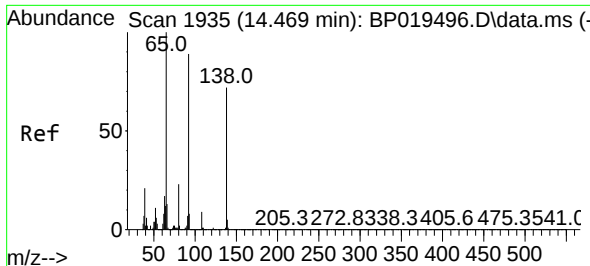
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#52
Acenaphthene
Concen: 41.455 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Tgt Ion:154 Resp: 429853
Ion Ratio Lower Upper
154 100
153 114.3 90.5 135.7
152 53.2 42.1 63.1





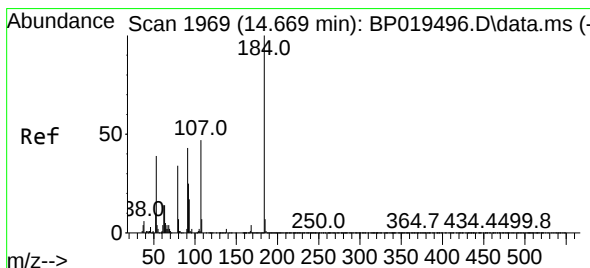
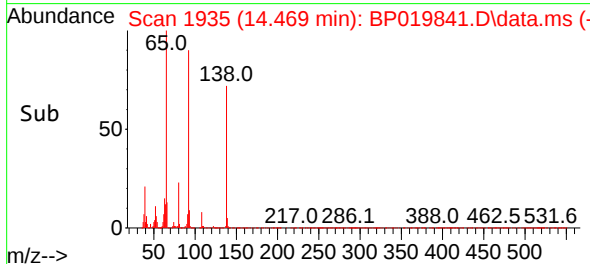
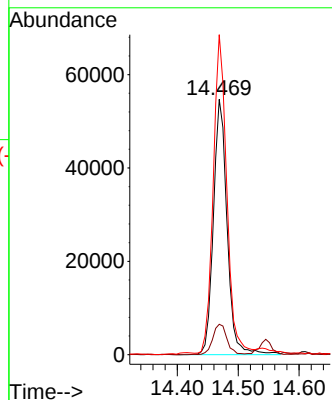
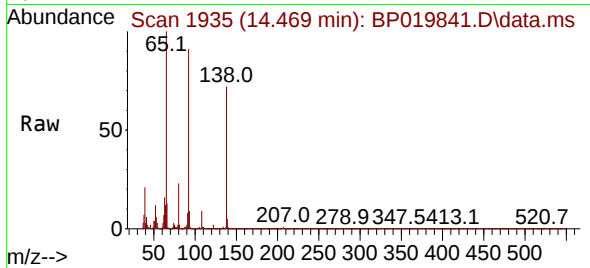
#53
3-Nitroaniline
Concen: 30.450 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :
BNA_P
ClientSampleId :
PB159196BSD

Tgt Ion:138 Resp: 85540
Ion Ratio Lower Upper
138 100
108 11.9 9.7 14.5
92 125.3 98.0 147.0

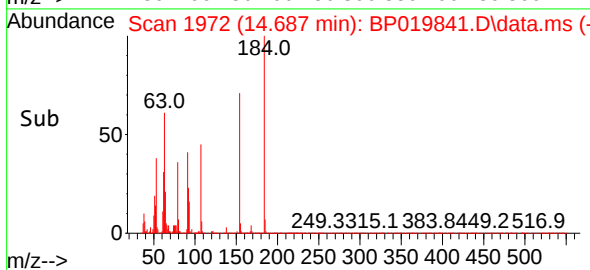
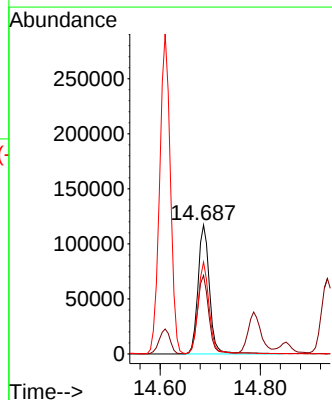
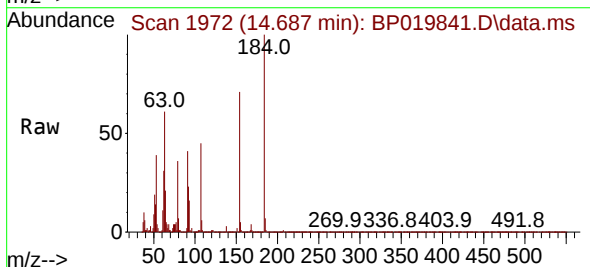
Manual Integrations
APPROVED

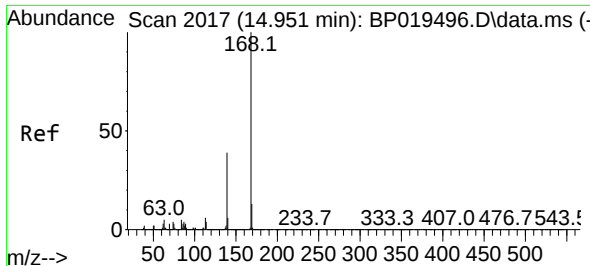
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#54
2,4-Dinitrophenol
Concen: 117.228 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Tgt Ion:184 Resp: 186068
Ion Ratio Lower Upper
184 100
63 60.9 50.5 75.7
154 71.2 53.4 80.0





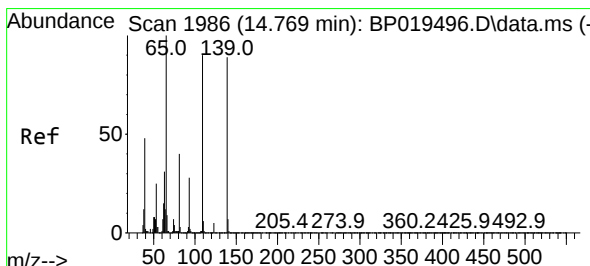
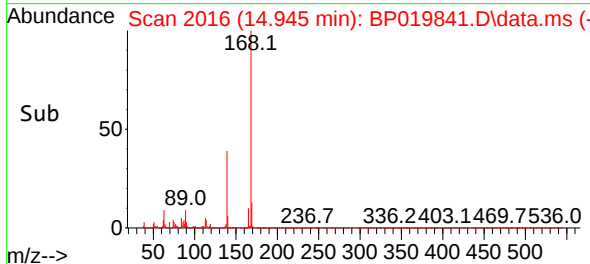
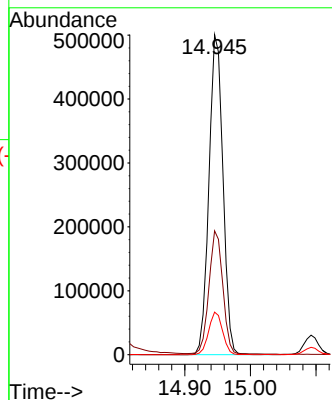
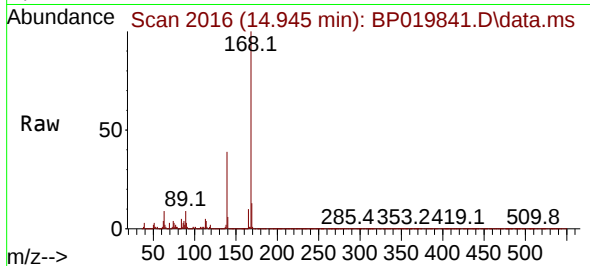
#55
Dibenzenofuran
Concen: 44.061 ng
RT: 14.945 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :
BNA_P
ClientSampleId :
PB159196BSD

Tgt Ion:168 Resp: 744111
Ion Ratio Lower Upper
168 100
139 38.7 31.5 47.3
169 13.3 10.3 15.5

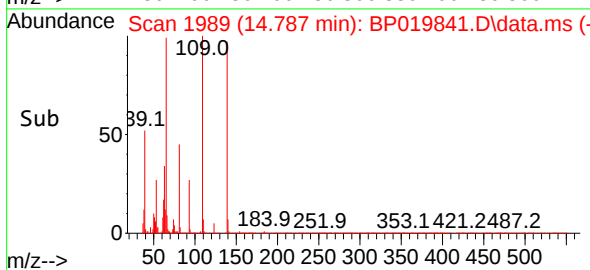
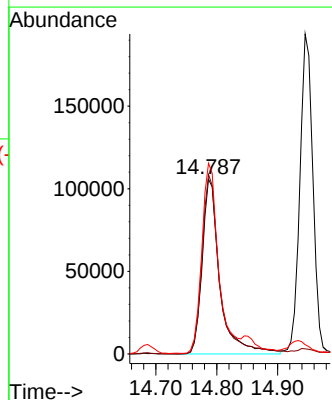
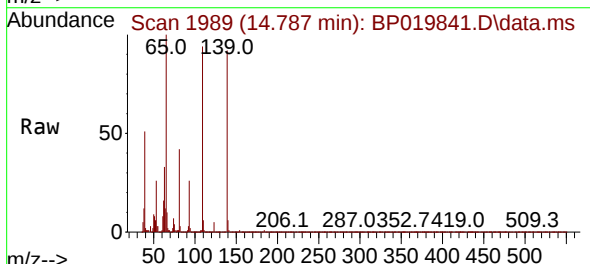
Manual Integrations
APPROVED

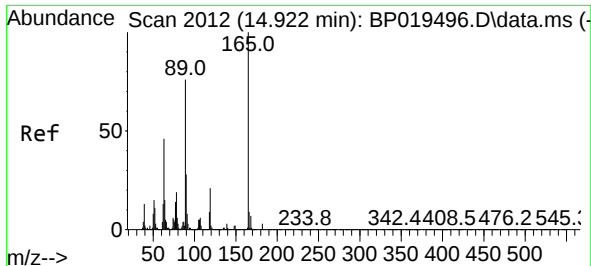
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#56
4-Nitrophenol
Concen: 92.629 ng
RT: 14.787 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Tgt Ion:139 Resp: 213296
Ion Ratio Lower Upper
139 100
109 102.7 82.0 122.0
65 109.1 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 48.585 ng
RT: 14.934 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

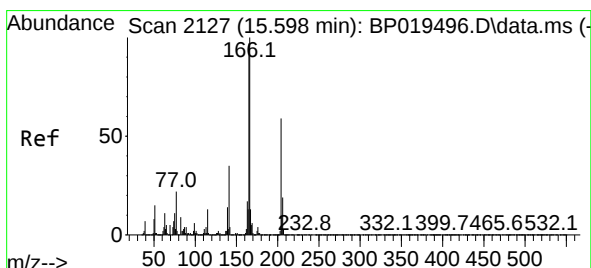
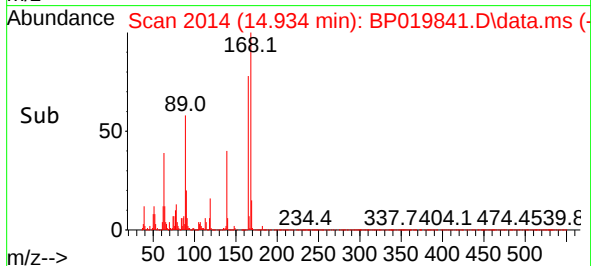
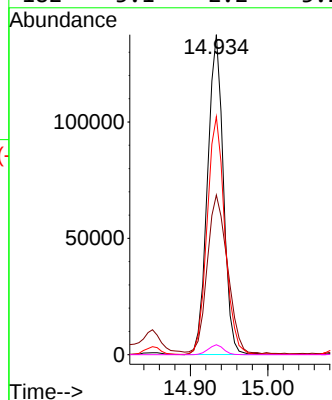
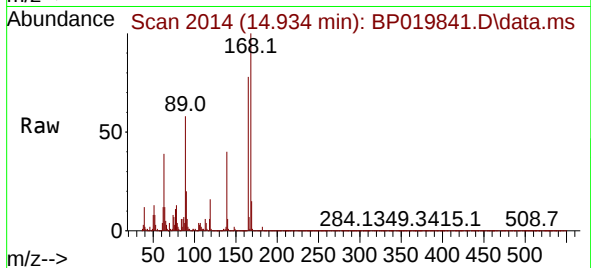
PB159196BSD

Tgt Ion:165 Resp: 19463
Ion Ratio Lower Upper
165 100
63 49.9 36.9 55.3
89 74.4 61.1 91.7
182 3.1 2.2 3.2

Manual Integrations

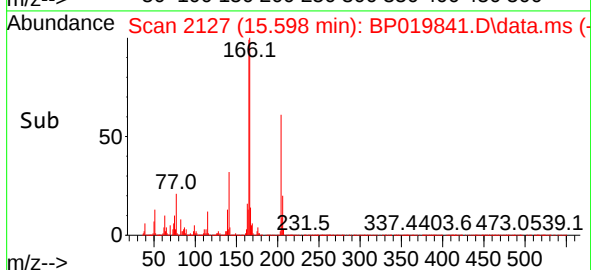
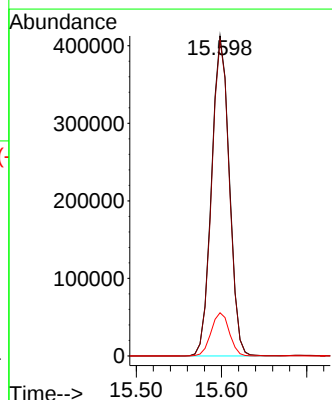
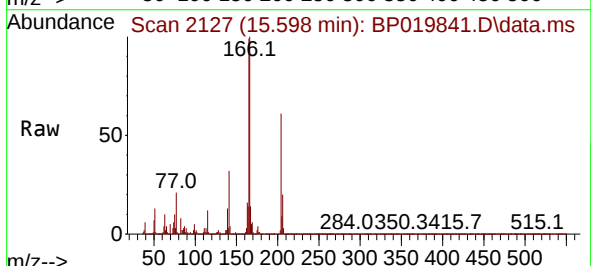
APPROVED

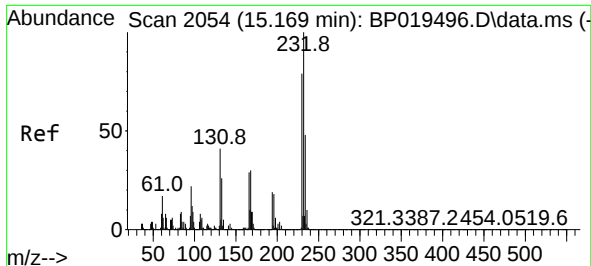
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#58
Fluorene
Concen: 44.399 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Tgt Ion:166 Resp: 597218
Ion Ratio Lower Upper
166 100
165 98.8 77.8 116.8
167 13.5 10.7 16.1





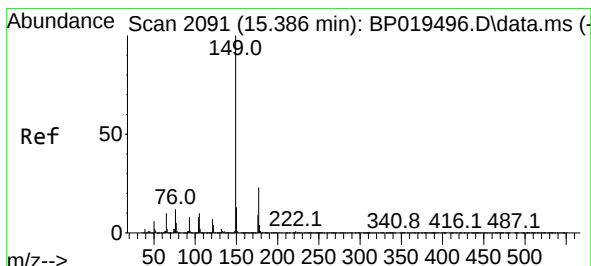
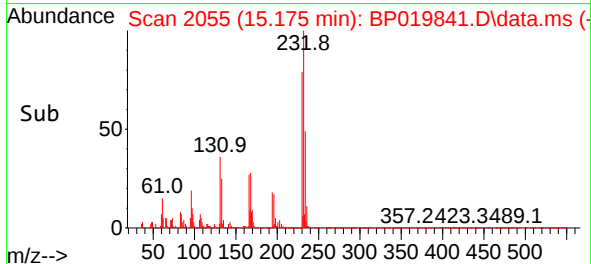
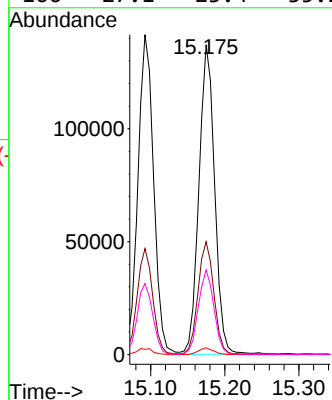
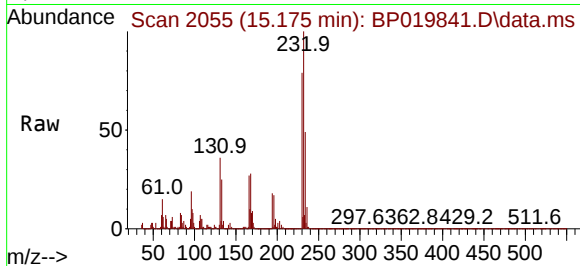
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.405 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :
BNA_P
ClientSampleId :
PB159196BSD

Tgt Ion:232 Resp: 201528
Ion Ratio Lower Upper
232 100
131 36.3 32.4 48.6
130 2.2 1.9 2.9
166 27.1 23.4 35.2

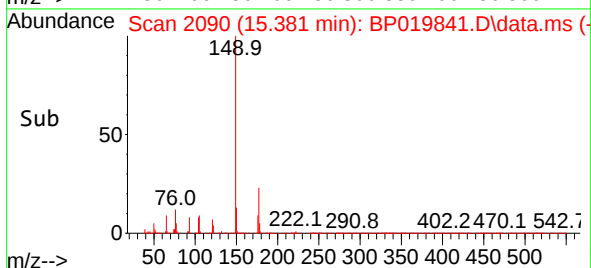
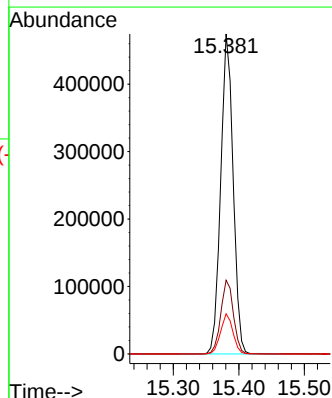
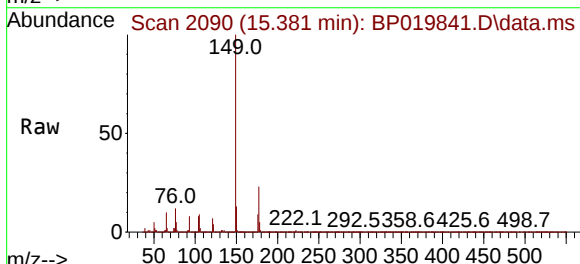
Manual Integrations
APPROVED

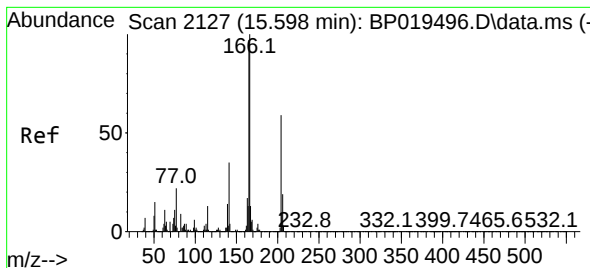
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#60
Diethylphthalate
Concen: 44.795 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

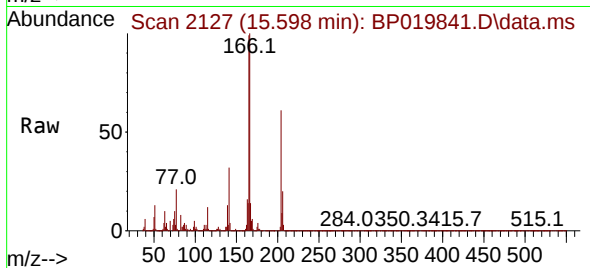
Tgt Ion:149 Resp: 619944
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.081 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

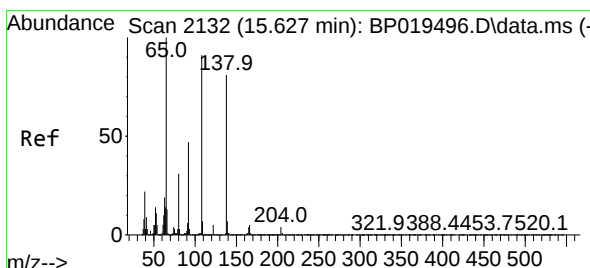
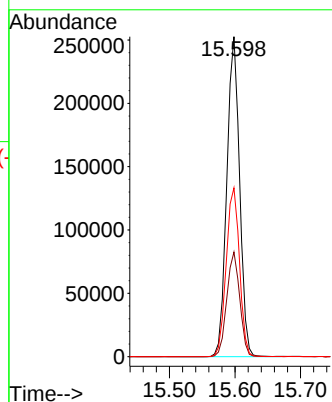
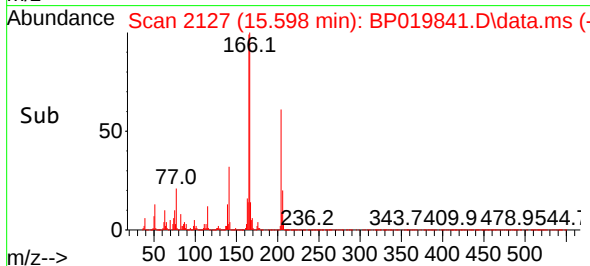
Instrument :
BNA_P
ClientSampleId :
PB159196BSD



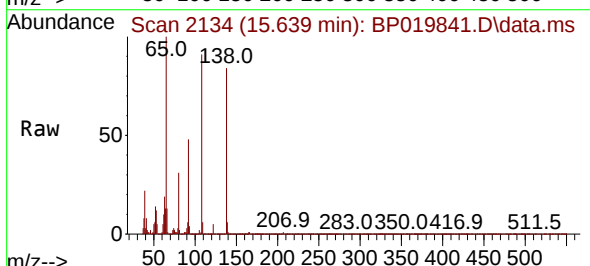
Tgt Ion:204 Resp: 34082
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 52.8 48.5 72.7

Manual Integrations
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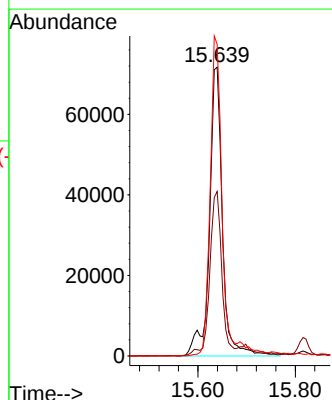
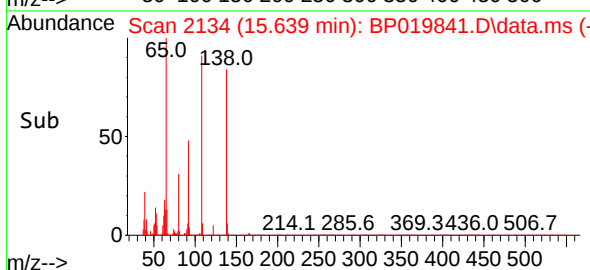
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

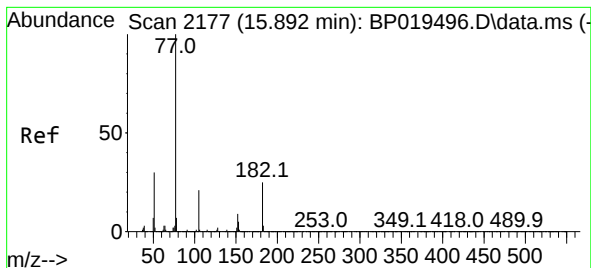


#62
4-Nitroaniline
Concen: 45.009 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45



Tgt Ion:138 Resp: 132540
Ion Ratio Lower Upper
138 100
92 56.9 38.3 78.3
108 107.9 91.2 131.2





#63
Azobenzene
Concen: 42.450 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

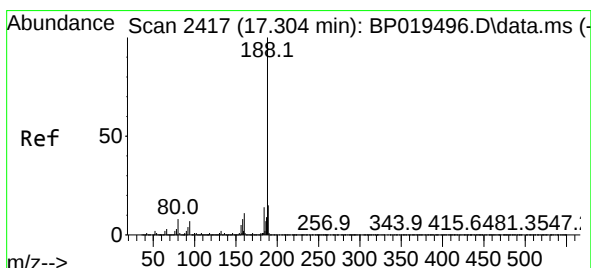
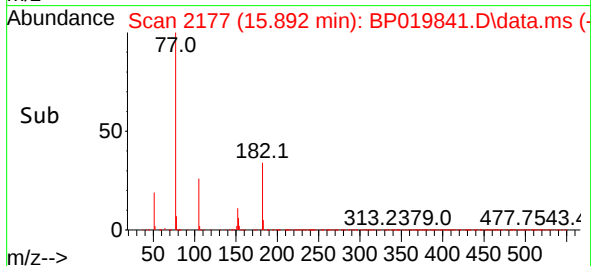
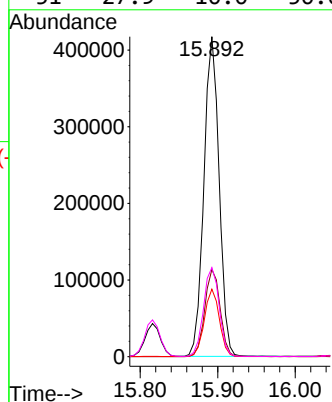
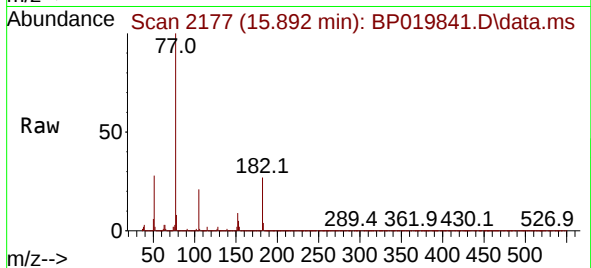
ClientSampleId :

PB159196BSD

Tgt Ion: 77 Resp: 568108
Ion Ratio Lower Upper
77 100
182 27.2 5.1 45.1
105 21.1 0.8 40.8
51 27.9 10.0 50.0

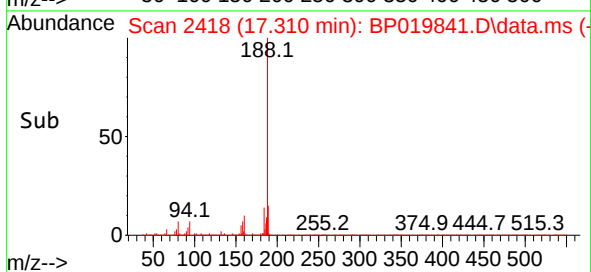
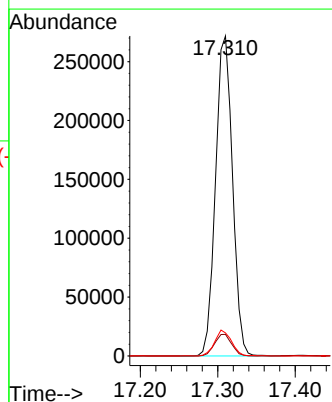
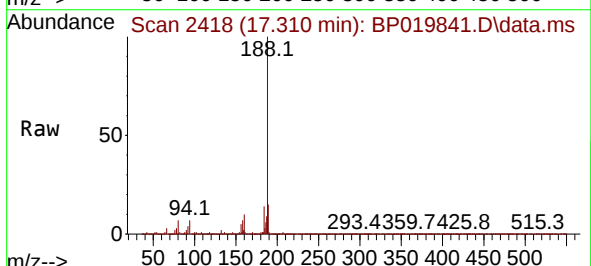
Manual Integrations
APPROVED

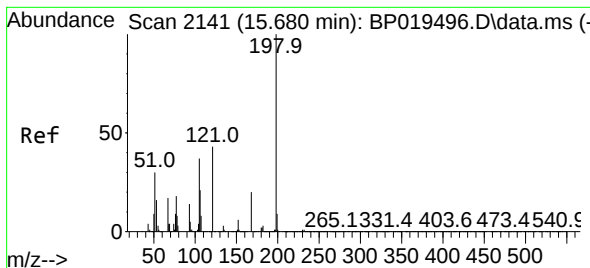
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

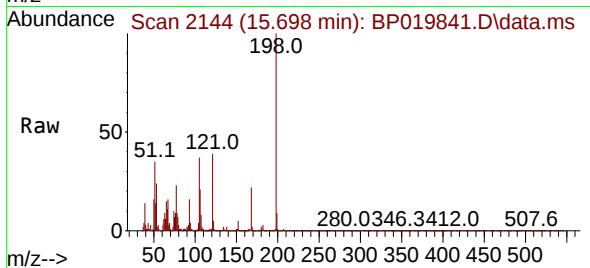
Tgt Ion:188 Resp: 414215
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 7.2 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 52.354 ng
RT: 15.698 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

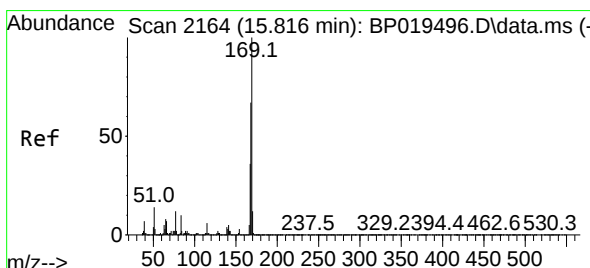
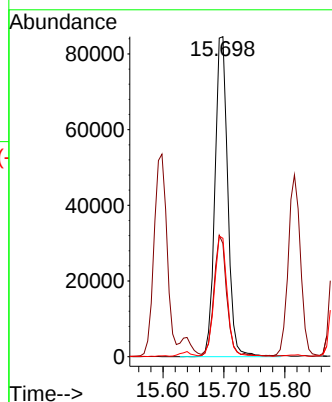
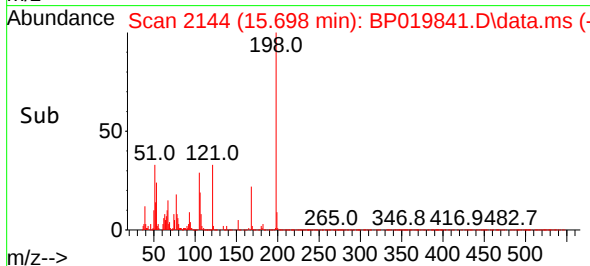
Instrument :
BNA_P
ClientSampleId :
PB159196BSD



Tgt Ion:198 Resp: 123658
Ion Ratio Lower Upper
198 100
51 35.3 21.2 61.2
105 37.0 19.1 59.1

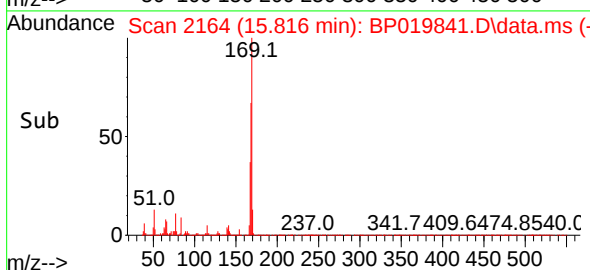
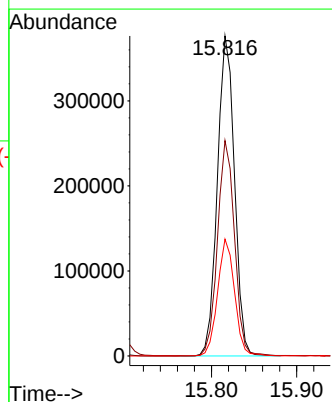
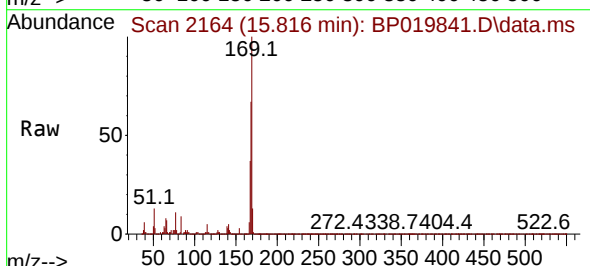
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#66
n-Nitrosodiphenylamine
Concen: 42.362 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

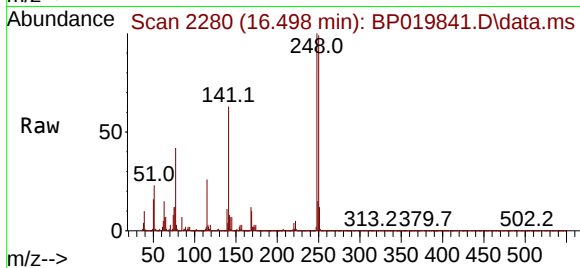
Tgt Ion:169 Resp: 525507
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.2
167 36.5 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 44.197 ng
RT: 16.498 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

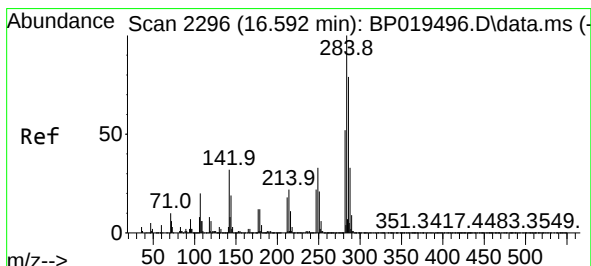
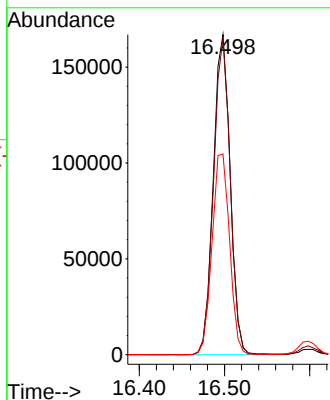
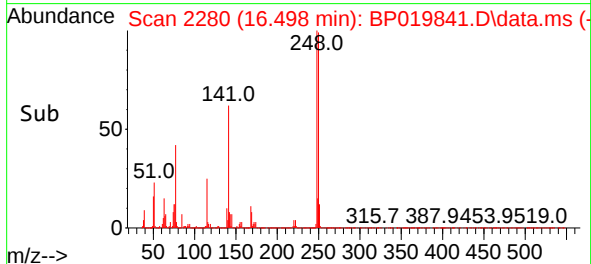
Instrument :
BNA_P
ClientSampleId :
PB159196BSD



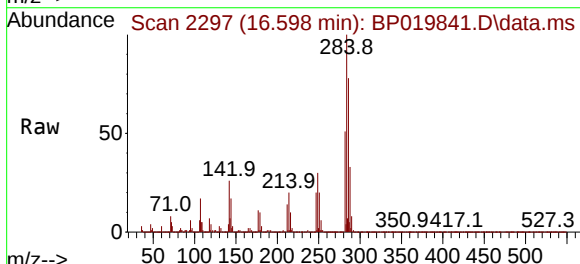
Tgt Ion:248 Resp: 22886
Ion Ratio Lower Upper
248 100
250 98.9 76.9 115.3
141 62.7 58.0 87.0

Manual Integrations
APPROVED

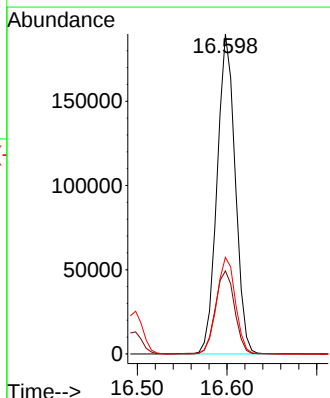
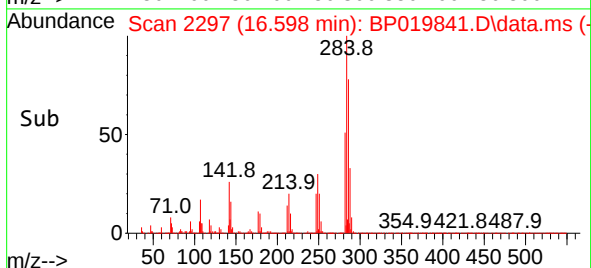
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

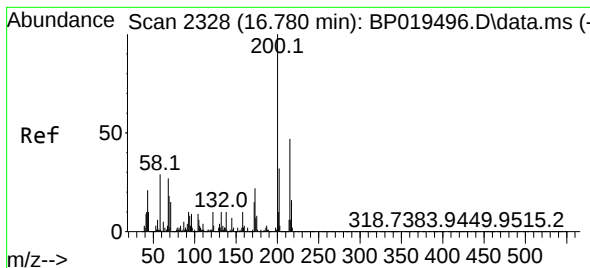


#68
Hexachlorobenzene
Concen: 44.012 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45



Tgt Ion:284 Resp: 266139
Ion Ratio Lower Upper
284 100
142 26.0 25.4 38.2
249 30.2 26.5 39.7





#69

Atrazine

Concen: 48.517 ng

RT: 16.781 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD

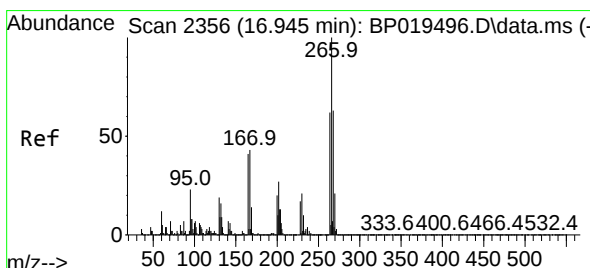
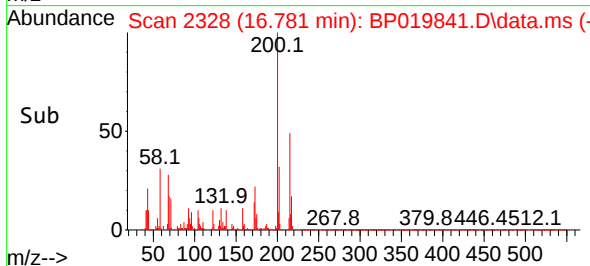
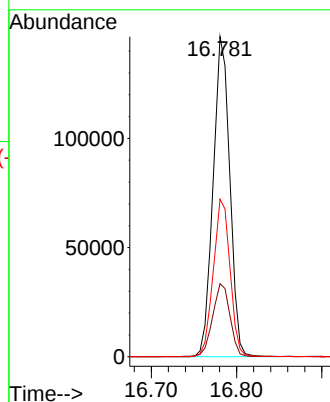
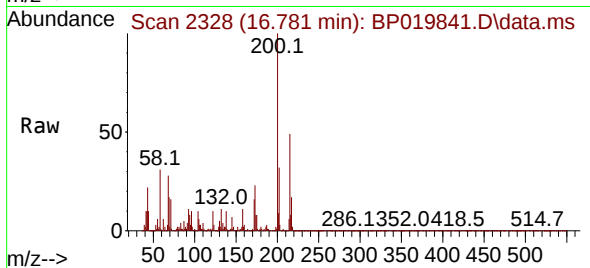
Tgt Ion:200 Resp: 199720
 Ion Ratio Lower Upper
 200 100
 173 22.8 1.7 41.7
 215 49.2 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#70

Pentachlorophenol

Concen: 94.853 ng

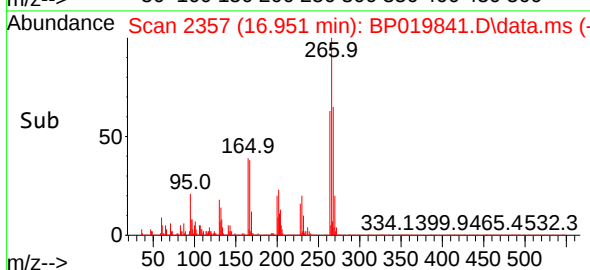
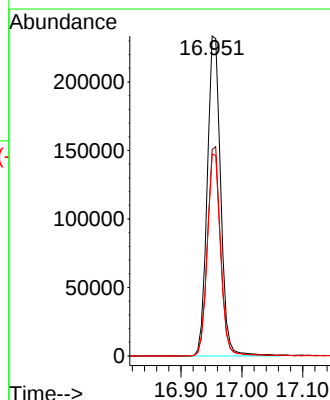
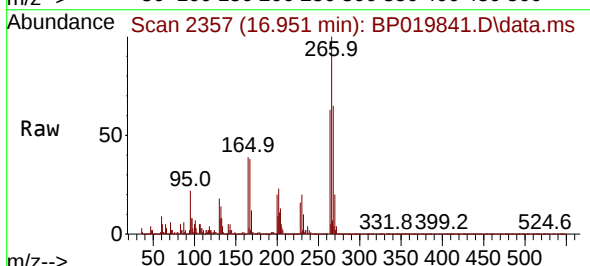
RT: 16.951 min Scan# 2357

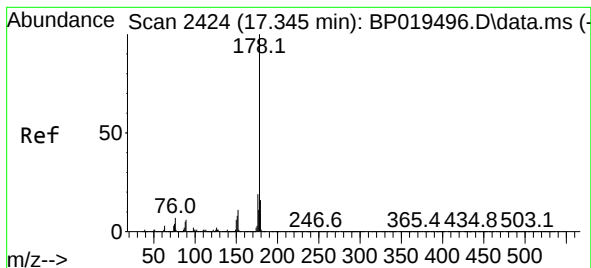
Delta R.T. -0.006 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Tgt Ion:266 Resp: 357189
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.3 75.5
 264 63.2 49.7 74.5





#71

Phenanthrene

Concen: 43.851 ng

RT: 17.351 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD

Tgt Ion:178 Resp: 95589

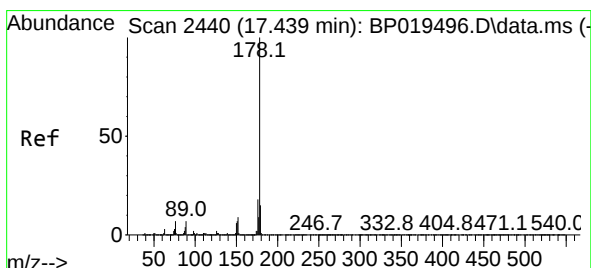
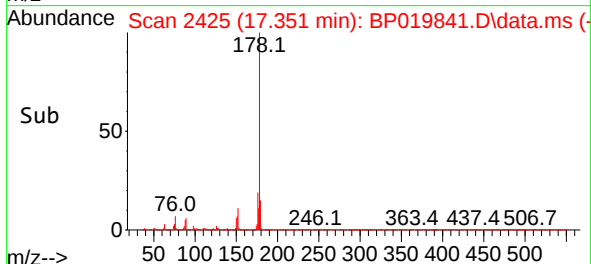
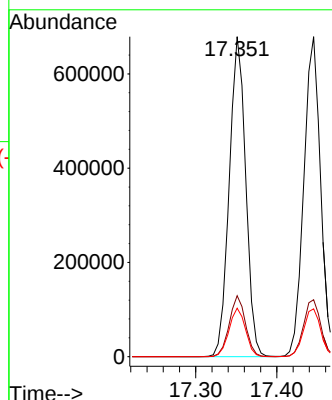
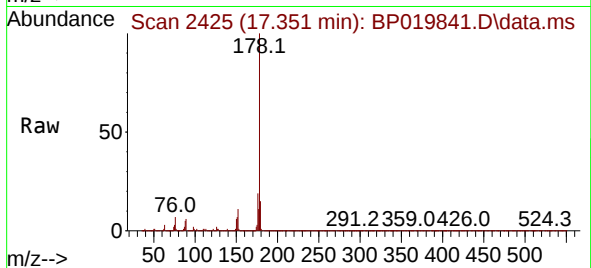
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.2	12.6	19.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#72

Anthracene

Concen: 44.794 ng

RT: 17.445 min Scan# 2441

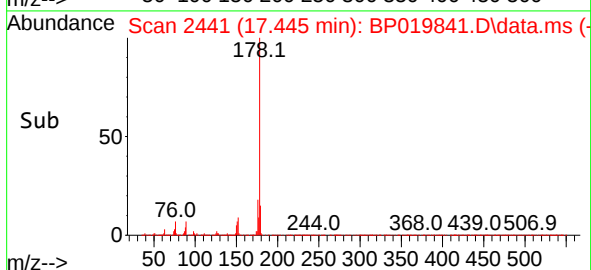
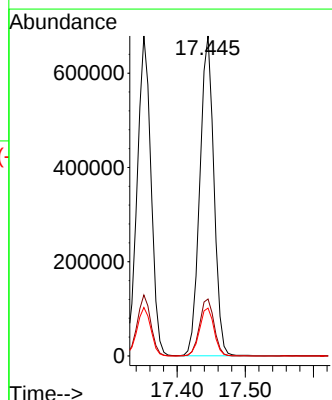
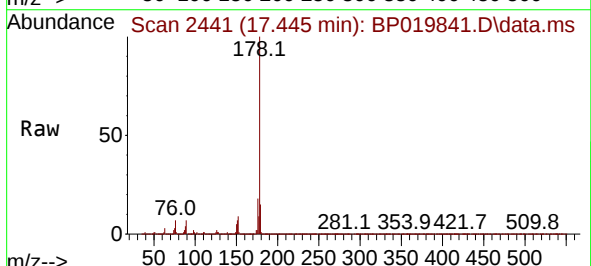
Delta R.T. -0.006 min

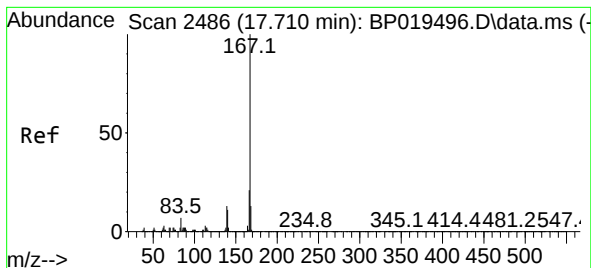
Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Tgt Ion:178 Resp: 974068

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.7	22.1
179	15.0	12.2	18.2





#73

Carbazole

Concen: 43.902 ng

RT: 17.722 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD

Tgt Ion:167 Resp: 86726

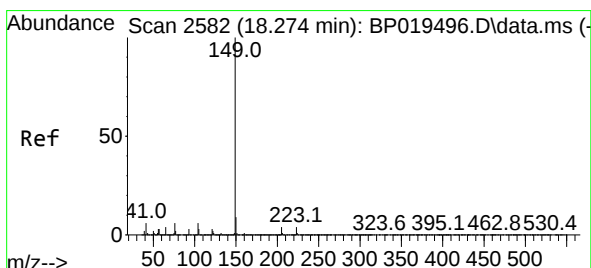
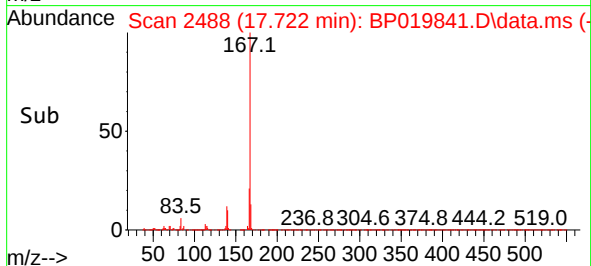
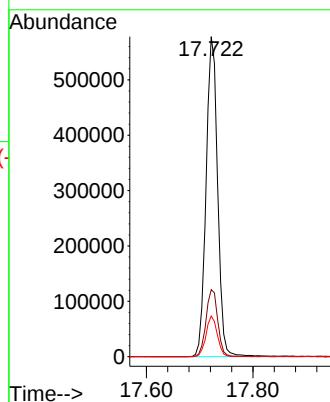
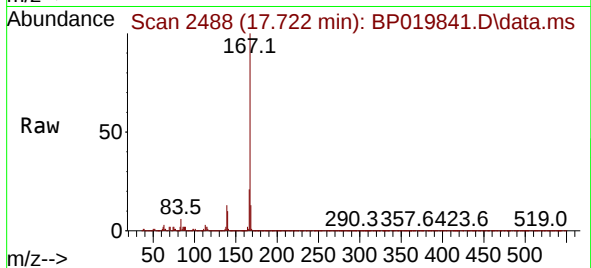
Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	12.7	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#74

Di-n-butylphthalate

Concen: 44.035 ng

RT: 18.280 min Scan# 2583

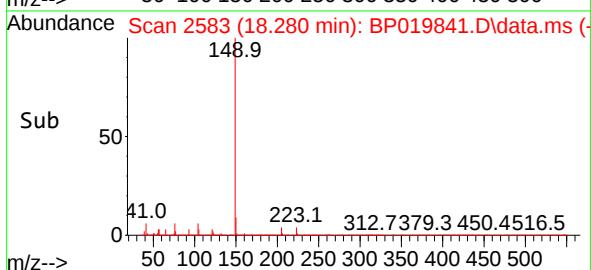
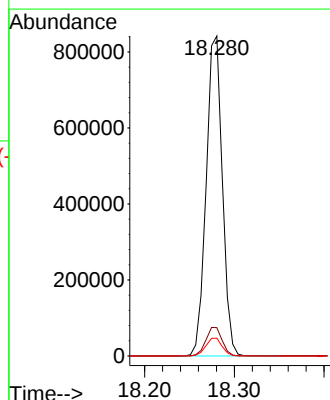
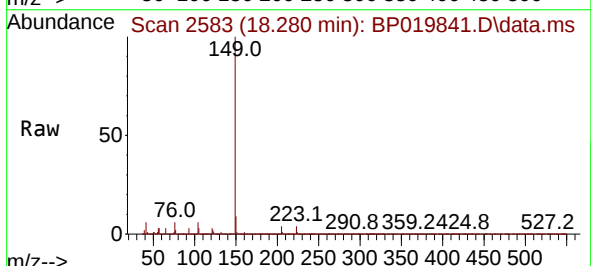
Delta R.T. -0.000 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Tgt Ion:149 Resp: 1051823

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	5.5	4.8	7.2





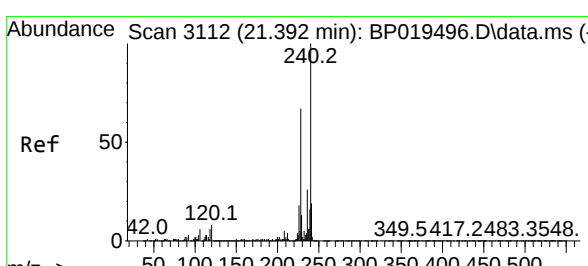
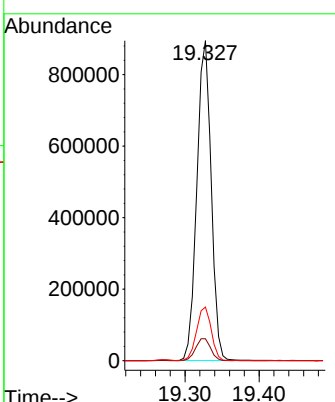
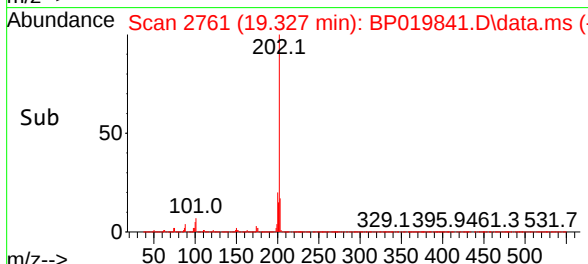
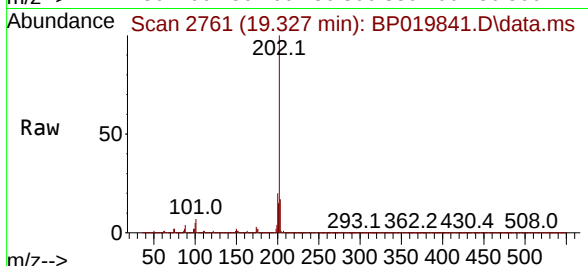
#75
 Fluoranthene
 Concen: 44.930 ng
 RT: 19.327 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019841.D
 Acq: 23 Feb 2024 13:45

Instrument : BNA_P
 ClientSampleId : PB159196BSD

Tgt Ion: 202 Resp: 119644

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.7
203	16.7	0.0	37.5

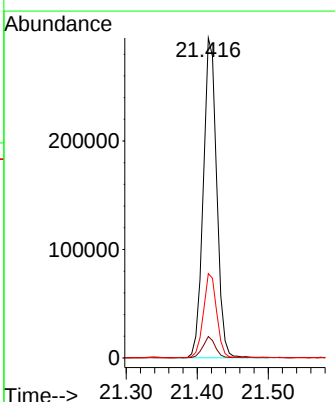
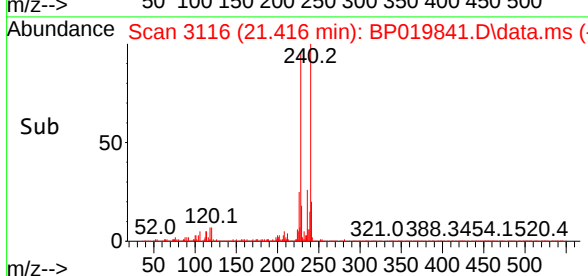
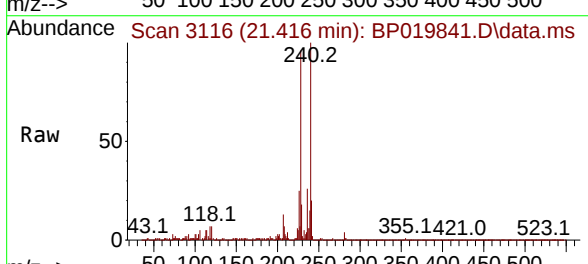
Manual Integrations
APPROVED
 Reviewed By : Yogesh Patel 02/27/2024
 Supervised By : mohammad ahmed 02/27/2024

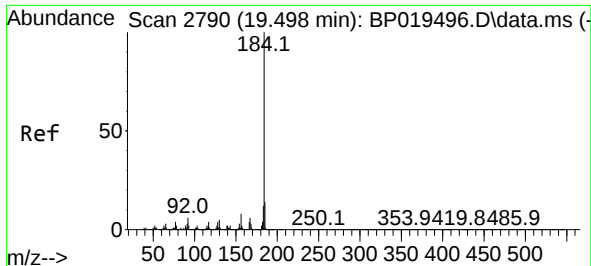


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.416 min Scan# 3116
 Delta R.T. -0.012 min
 Lab File: BP019841.D
 Acq: 23 Feb 2024 13:45

Tgt Ion: 240 Resp: 387355

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.1	9.1
236	26.4	20.7	31.1





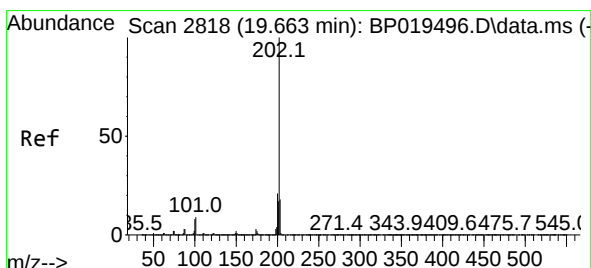
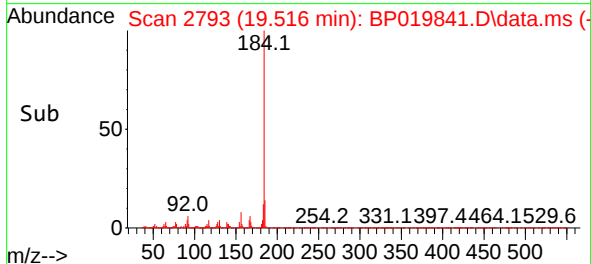
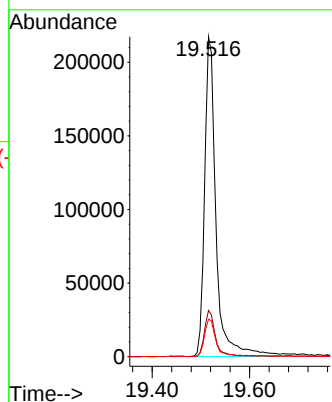
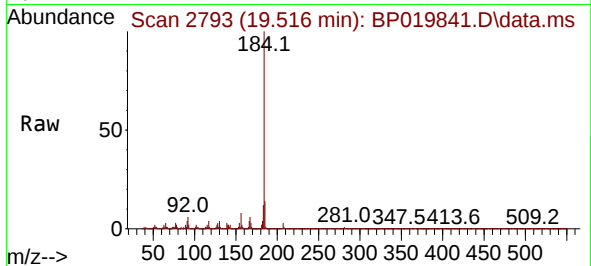
#77
Benzidine
Concen: 43.621 ng
RT: 19.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Instrument :
BNA_P
ClientSampleId :
PB159196BSD

Tgt Ion:184 Resp: 35325
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 11.7 9.7 14.5

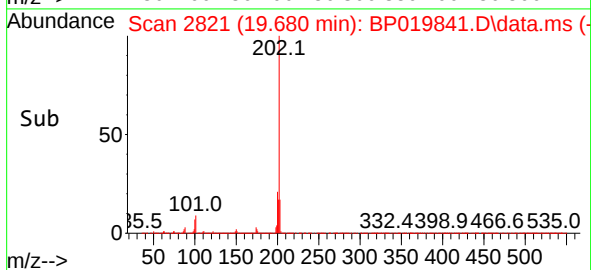
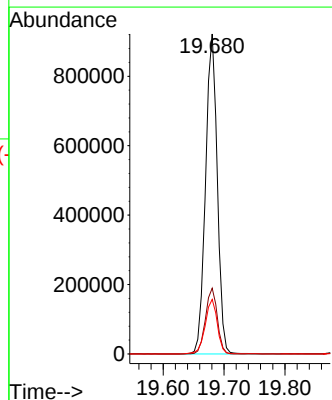
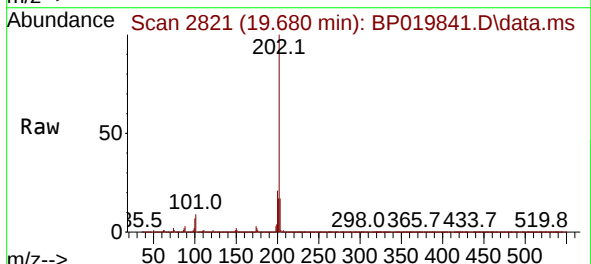
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#78
Pyrene
Concen: 45.009 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP019841.D
Acq: 23 Feb 2024 13:45

Tgt Ion:202 Resp: 1230460
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 17.1 14.2 21.2





#79
 Terphenyl-d14
 Concen: 92.402 ng
 RT: 19.886 min Scan# 217643
 Delta R.T. -0.006 min
 Lab File: BP019841.D
 Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

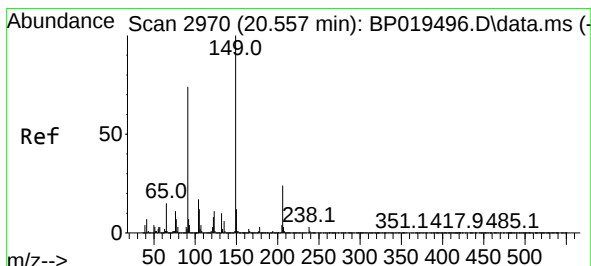
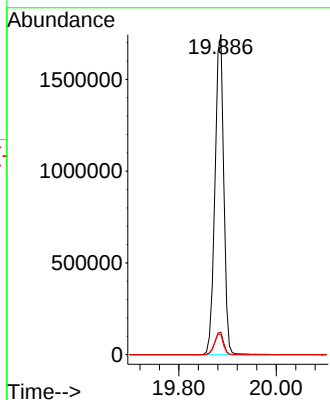
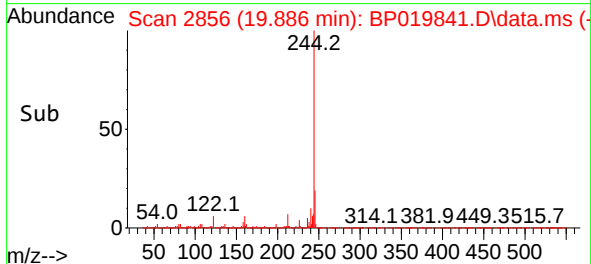
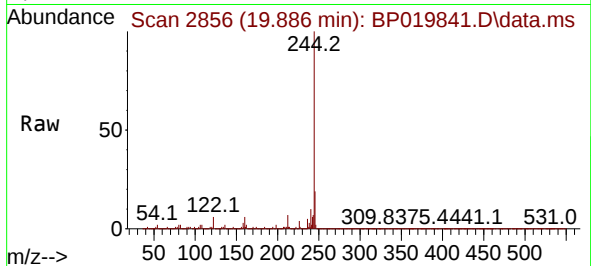
ClientSampleId :

PB159196BSD

Tgt Ion:244 Resp: 217643
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 6.1 5.9 8.9

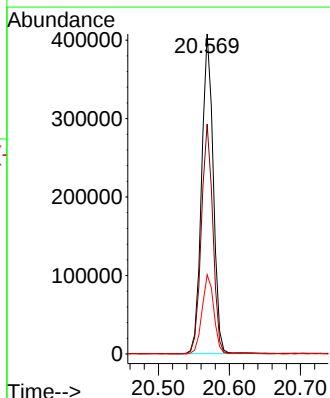
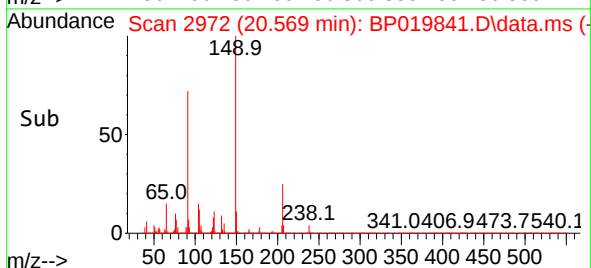
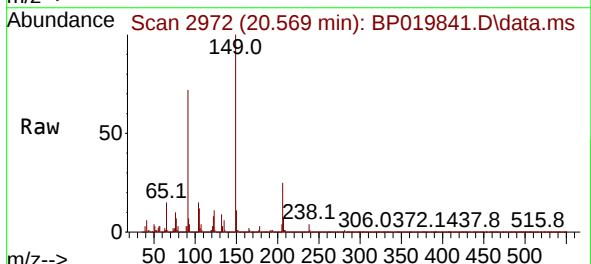
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024



#80
 Butylbenzylphthalate
 Concen: 45.571 ng
 RT: 20.569 min Scan# 2972
 Delta R.T. -0.006 min
 Lab File: BP019841.D
 Acq: 23 Feb 2024 13:45

Tgt Ion:149 Resp: 465239
 Ion Ratio Lower Upper
 149 100
 91 71.8 59.4 89.0
 206 24.8 19.0 28.6





#81

Benzo(a)anthracene

Concen: 44.698 ng

RT: 21.404 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD

Tgt Ion:228 Resp: 121878

Ion Ratio Lower Upper

228 100

226 26.2 21.7 32.5

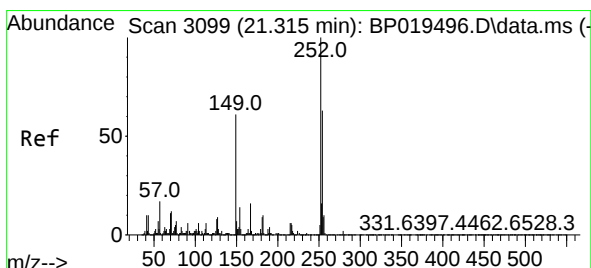
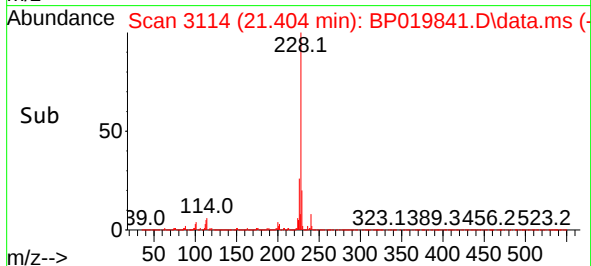
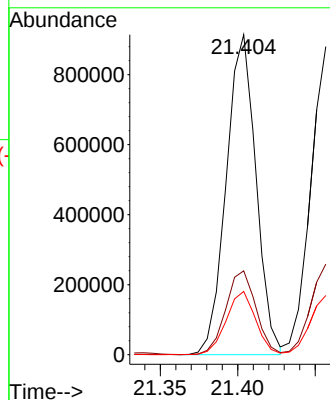
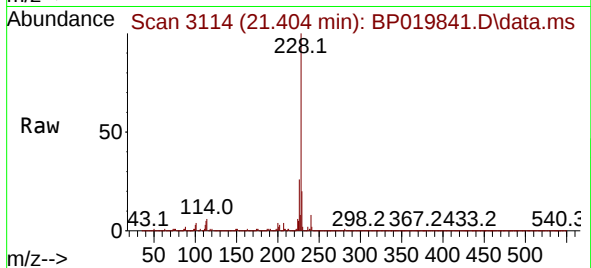
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 40.343 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

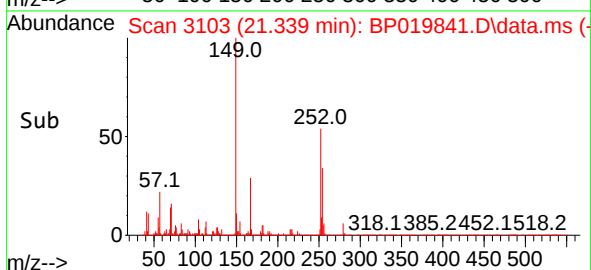
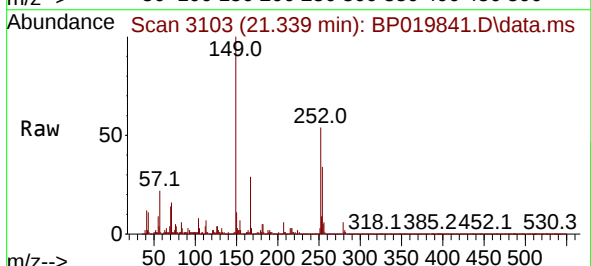
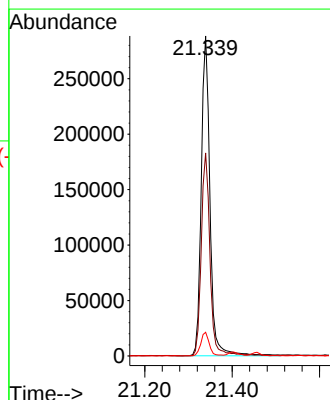
Tgt Ion:252 Resp: 400855

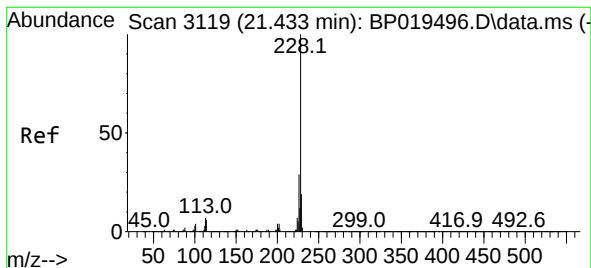
Ion Ratio Lower Upper

252 100

254 63.4 50.7 76.1

126 7.4 6.4 9.6





#83

Chrysene

Concen: 43.862 ng

RT: 21.457 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD

Tgt Ion:228 Resp: 113548

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

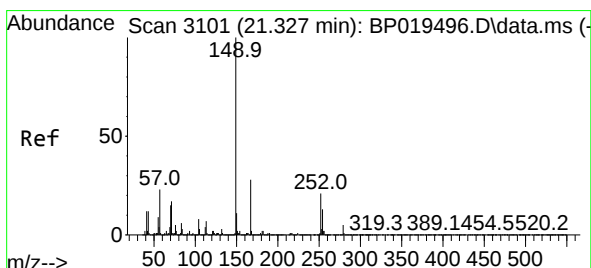
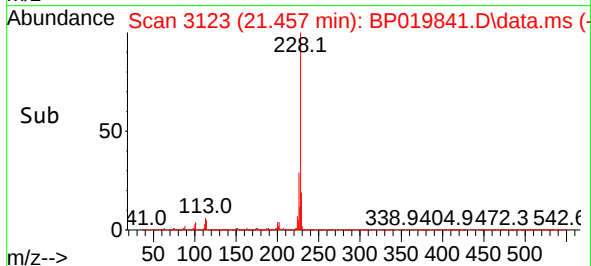
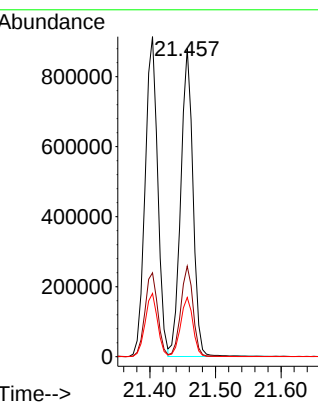
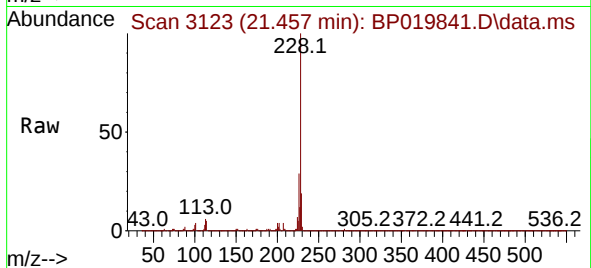
229 19.2 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.808 ng

RT: 21.333 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

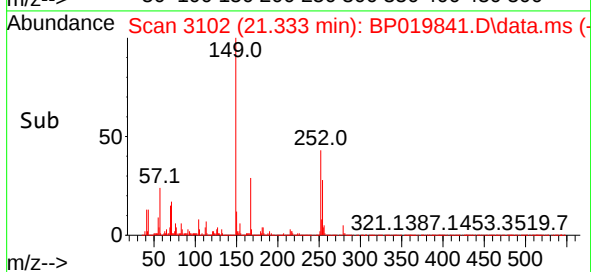
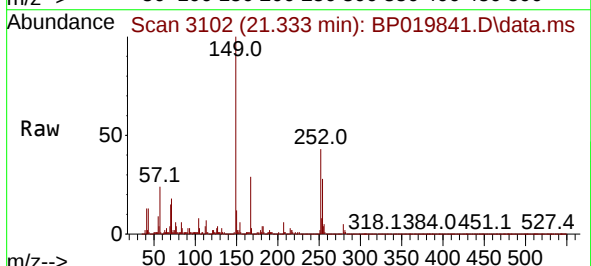
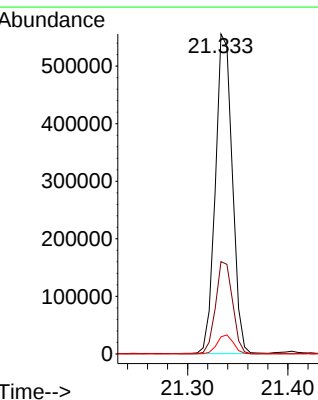
Tgt Ion:149 Resp: 649947

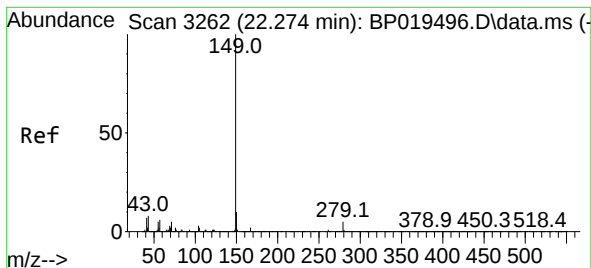
Ion Ratio Lower Upper

149 100

167 28.9 22.7 34.1

279 5.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 40.154 ng

RT: 22.280 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD

Tgt Ion:149 Resp: 1098289

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

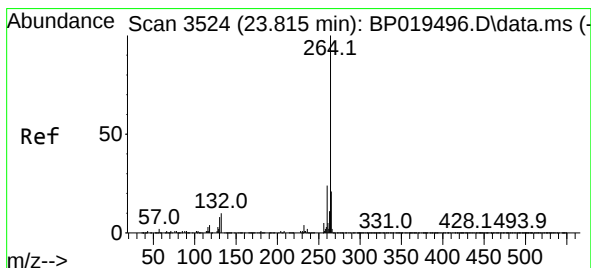
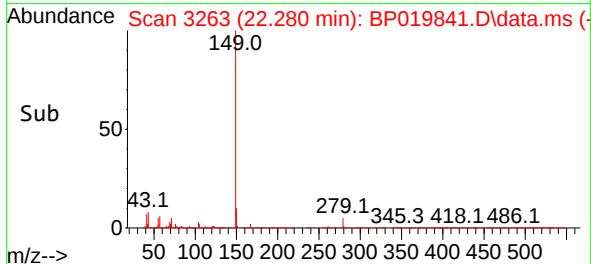
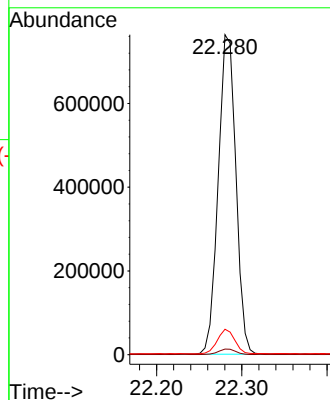
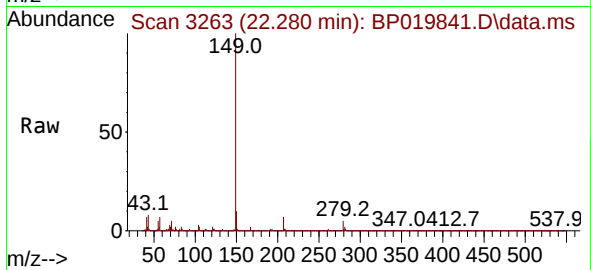
43 7.5 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 3530

Delta R.T. -0.018 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

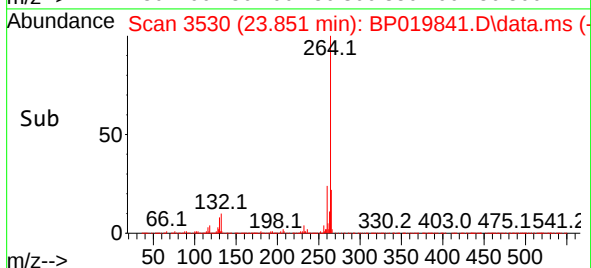
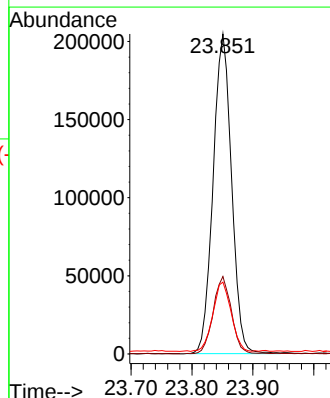
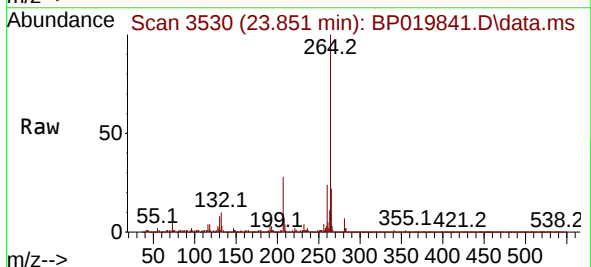
Tgt Ion:264 Resp: 430709

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.153 ng

RT: 26.404 min Scan# 3404

Delta R.T. -0.030 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD

Tgt Ion:276 Resp: 155460

Ion Ratio Lower Upper

276 100

138 14.0 13.1 19.7

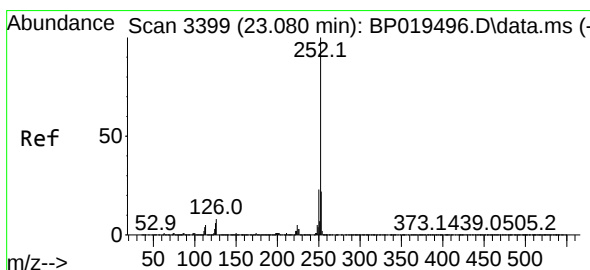
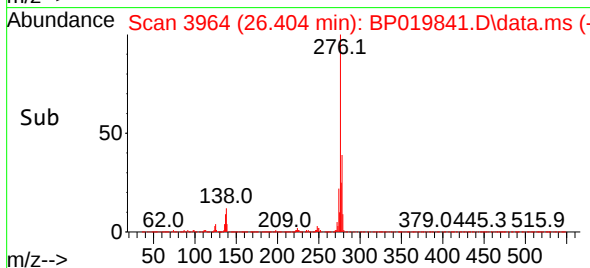
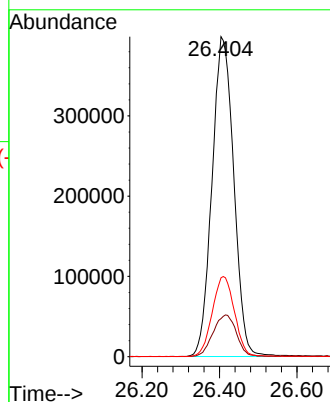
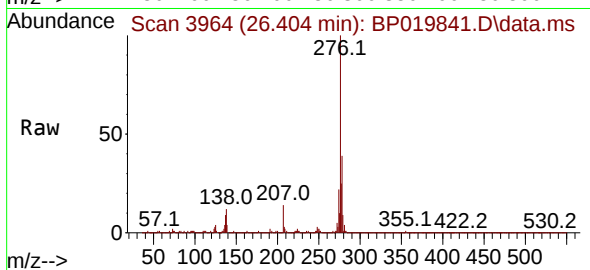
277 25.5 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#88

Benzo(b)fluoranthene

Concen: 44.284 ng

RT: 23.110 min Scan# 3404

Delta R.T. -0.018 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

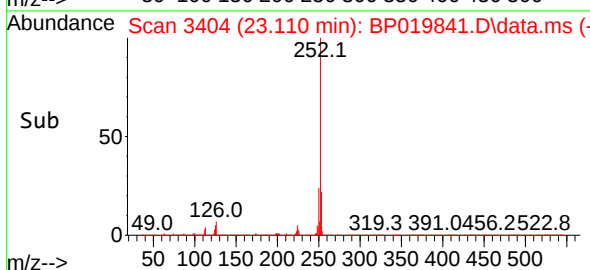
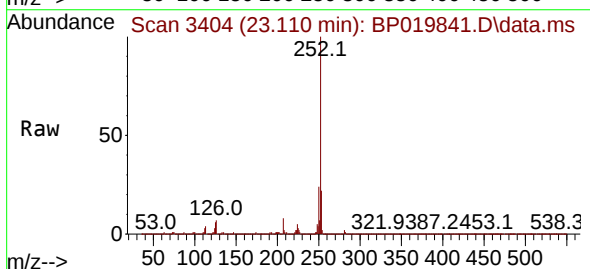
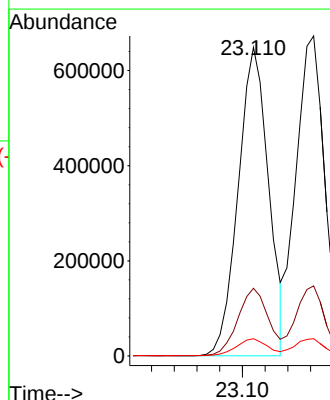
Tgt Ion:252 Resp: 1202116

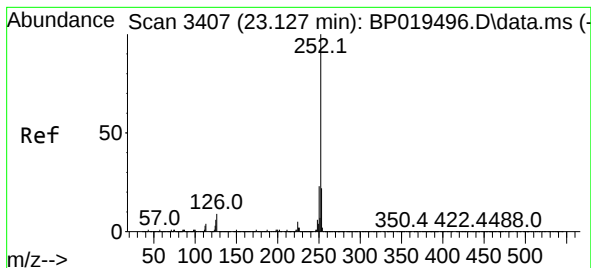
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 5.6 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 45.987 ng

RT: 23.163 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD

Tgt Ion:252 Resp: 1192460

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

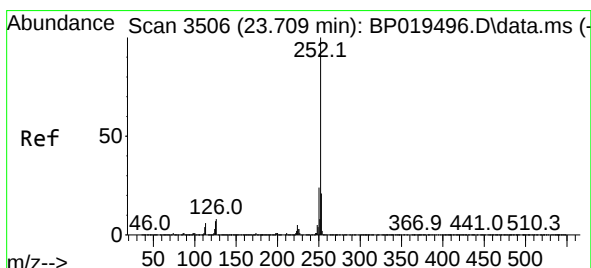
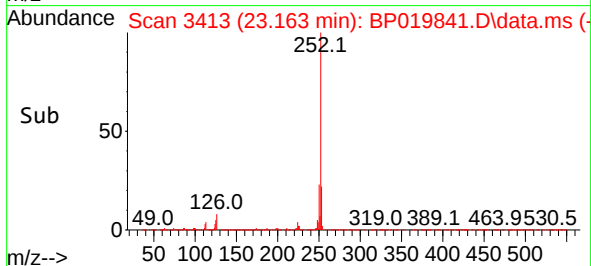
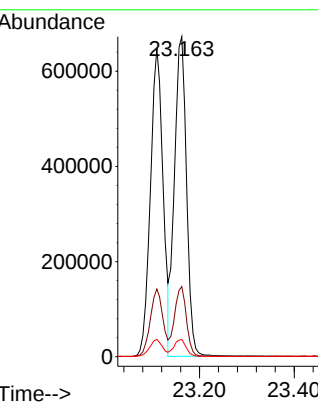
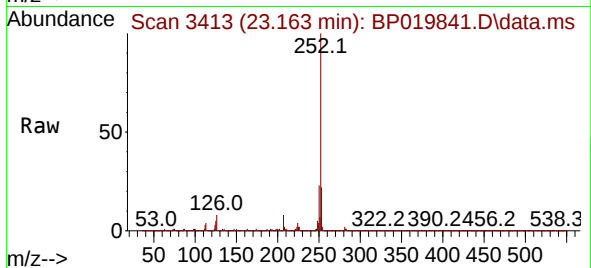
125 5.4 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#90

Benzo(a)pyrene

Concen: 46.155 ng

RT: 23.745 min Scan# 3512

Delta R.T. -0.018 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

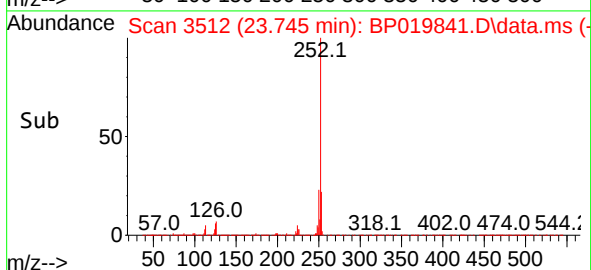
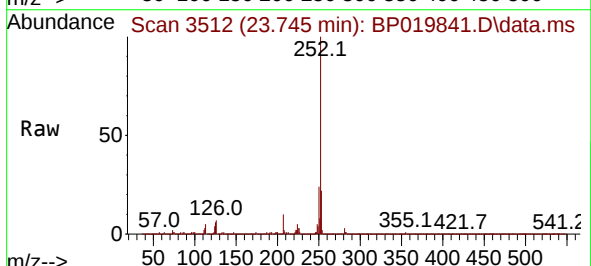
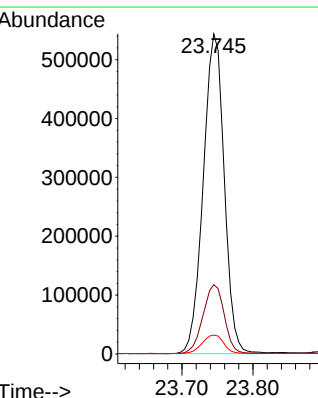
Tgt Ion:252 Resp: 1114810

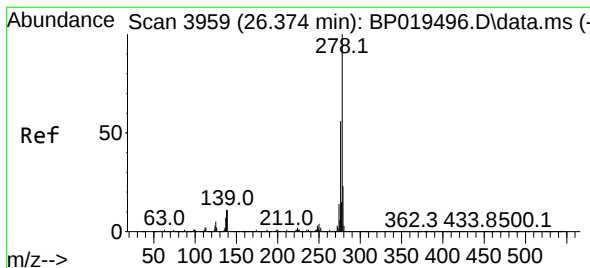
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 5.9 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 47.885 ng

RT: 26.433 min Scan# 3959

Delta R.T. -0.024 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

PB159196BSD

Tgt Ion:278 Resp: 1298429

Ion Ratio Lower Upper

278 100

139 9.1 8.6 12.8

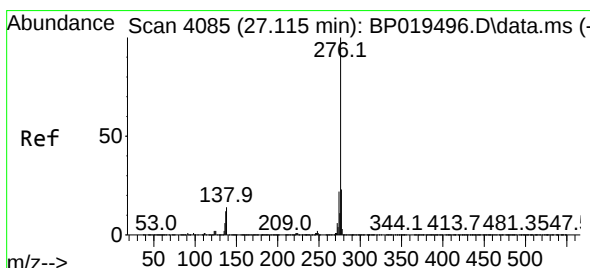
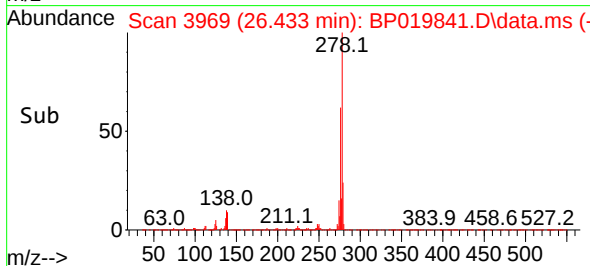
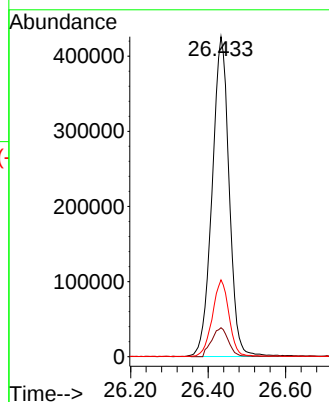
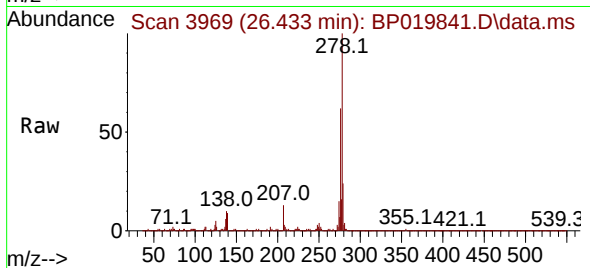
279 24.0 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#92

Benzo(g,h,i)perylene

Concen: 45.196 ng

RT: 27.192 min Scan# 4098

Delta R.T. -0.024 min

Lab File: BP019841.D

Acq: 23 Feb 2024 13:45

Tgt Ion:276 Resp: 1243317

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 11.0 10.9 16.3

