

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
 Data File : BP013851.D
 Acq On : 17 Feb 2023 18:32
 Operator : CG/JU
 Sample : 01581-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-CMSD

Quant Time: Feb 17 22:06:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 18:05:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2023
 Supervised By :Jagrut Upadhyay 02/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	130426	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	518434	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	349545	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	814933	20.000	ng	0.00
76) Chrysene-d12	21.580	240	850273	20.000	ng	0.00
86) Perylene-d12	24.133	264	949136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	903797	114.207	ng	0.00
7) Phenol-d6	7.257	99	1166728	115.116	ng	0.00
23) Nitrobenzene-d5	9.281	82	720588	75.056	ng	0.00
42) 2,4,6-Tribromophenol	16.233	330	568434	111.716	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	1595960	59.971	ng	0.00
79) Terphenyl-d14	20.033	244	3118365	70.562	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.493	88	146224	42.511	ng	99
3) Pyridine	3.910	79	397895	42.911	ng	99
4) n-Nitrosodimethylamine	3.816	42	174439	50.199	ng	96
6) Aniline	7.428	93	523364	39.742	ng	100
8) 2-Chlorophenol	7.669	128	434389	52.039	ng	99
9) Benzaldehyde	7.240	77	237481	49.250	ng	97
10) Phenol	7.287	94	553821	52.497	ng	97
11) bis(2-Chloroethyl)ether	7.522	93	417479	49.448	ng	97
12) 1,3-Dichlorobenzene	7.993	146	474424	50.546	ng	98
13) 1,4-Dichlorobenzene	8.146	146	483864	51.035	ng	98
14) 1,2-Dichlorobenzene	8.463	146	443253	50.083	ng	98
15) Benzyl Alcohol	8.346	79	377360m	53.068	ng	
16) 2,2'-oxybis(1-Chloropr...	8.634	45	456085m	50.572	ng	
17) 2-Methylphenol	8.551	107	360820	50.260	ng	99
18) Hexachloroethane	9.198	117	171227	51.558	ng	99
19) n-Nitroso-di-n-propyla...	8.922	70	316504	53.356	ng	97
20) 3+4-Methylphenols	8.875	107	498935	51.637	ng	99
22) Acetophenone	8.940	105	651750	49.842	ng	# 99
24) Nitrobenzene	9.322	77	485630	48.472	ng	99
25) Isophorone	9.851	82	854417	46.182	ng	99
26) 2-Nitrophenol	10.040	139	222902	47.259	ng	96
27) 2,4-Dimethylphenol	10.092	122	390433	50.461	ng	100
28) bis(2-Chloroethoxy)met...	10.334	93	527917	44.699	ng	99
29) 2,4-Dichlorophenol	10.575	162	435153	52.420	ng	98
30) 1,2,4-Trichlorobenzene	10.792	180	469935	48.242	ng	100
31) Naphthalene	10.987	128	1320771	46.467	ng	100
32) Benzoic acid	10.222	122	272163	44.968	ng	95
33) 4-Chloroaniline	11.092	127	275013	23.042	ng	98
34) Hexachlorobutadiene	11.263	225	313614	48.446	ng	97
35) Caprolactam	11.881	113	130868	49.377	ng	99
36) 4-Chloro-3-methylphenol	12.198	107	465089	50.279	ng	97
37) 2-Methylnaphthalene	12.581	142	940798	45.725	ng	99
38) 1-Methylnaphthalene	12.798	142	880629	45.732	ng	99
40) 1,2,4,5-Tetrachloroben...	12.945	216	568398	45.089	ng	99
41) Hexachlorocyclopentadiene	12.922	237	708856	105.863	ng	98
43) 2,4,6-Trichlorophenol	13.181	196	347852	44.110	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	373701	39.872	ng	98
46) 1,1'-Biphenyl	13.581	154	1172518	41.502	ng	98
47) 2-Chloronaphthalene	13.628	162	960467	44.623	ng	100
48) 2-Nitroaniline	13.828	65	256910	42.426	ng	98
49) Acenaphthylene	14.469	152	1541637	45.437	ng	99
50) Dimethylphthalate	14.198	163	1245052	43.773	ng	100
51) 2,6-Dinitrotoluene	14.316	165	270292	43.654	ng	99
52) Acenaphthene	14.810	154	956321	46.319	ng	98
53) 3-Nitroaniline	14.645	138	191062	30.299	ng	99
54) 2,4-Dinitrophenol	14.851	184	326068	79.769	ng	99
55) Dibenzofuran	15.139	168	1576274	45.884	ng	99
56) 4-Nitrophenol	14.951	139	511615	100.627	ng	96
57) 2,4-Dinitrotoluene	15.104	165	394249	47.153	ng	99
58) Fluorene	15.792	166	1234932	45.846	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.363	232	398896	49.438	ng	100
60) Diethylphthalate	15.557	149	1303544	46.998	ng	99
61) 4-Chlorophenyl-phenylether	15.780	204	661283	45.310	ng	99
62) 4-Nitroaniline	15.810	138	283612	42.891	ng	95
63) Azobenzene	16.075	77	1189311	47.395	ng	99
65) 4,6-Dinitro-2-methylph...	15.863	198	231951	41.094	ng	98
66) n-Nitrosodiphenylamine	15.998	169	1078891	43.708	ng	100
67) 4-Bromophenyl-phenylether	16.680	248	441108	45.859	ng	98
68) Hexachlorobenzene	16.798	284	513789	48.933	ng	98
69) Atrazine	16.945	200	441383	52.446	ng	100
70) Pentachlorophenol	17.145	266	677111	87.469	ng	99
71) Phenanthrene	17.545	178	2121235	46.463	ng	100
72) Anthracene	17.633	178	2127435	46.604	ng	100
73) Carbazole	17.898	167	1969201	47.916	ng	100
74) Di-n-butylphthalate	18.427	149	2376720	49.360	ng	100
75) Fluoranthene	19.492	202	2667353	46.867	ng	100
77) Benzidine	19.663	184	1656084	93.057	ng	99
78) Pyrene	19.845	202	2770147	47.675	ng	100
80) Butylbenzylphthalate	20.698	149	1051008	50.892	ng	98
81) Benzo(a)anthracene	21.562	228	2836412	46.585	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	618690	32.298	ng	100
83) Chrysene	21.615	228	2652514	44.970	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	1615228	50.166	ng	99
85) Di-n-octyl phthalate	22.433	149	2792119	48.666	ng	100
87) Indeno(1,2,3-cd)pyrene	26.833	276	3510826	47.550	ng	99
88) Benzo(b)fluoranthene	23.351	252	2999941	49.976	ng	99
89) Benzo(k)fluoranthene	23.404	252	2916967	47.871	ng	99
90) Benzo(a)pyrene	24.021	252	2617124	45.097	ng	99
91) Dibenzo(a,h)anthracene	26.850	278	2898409	46.853	ng	99
92) Benzo(g,h,i)perylene	27.668	276	2892382	47.284	ng	100

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

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Manual Integrations

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Supervised By :Jagrut Upadhyay 02/20/2023

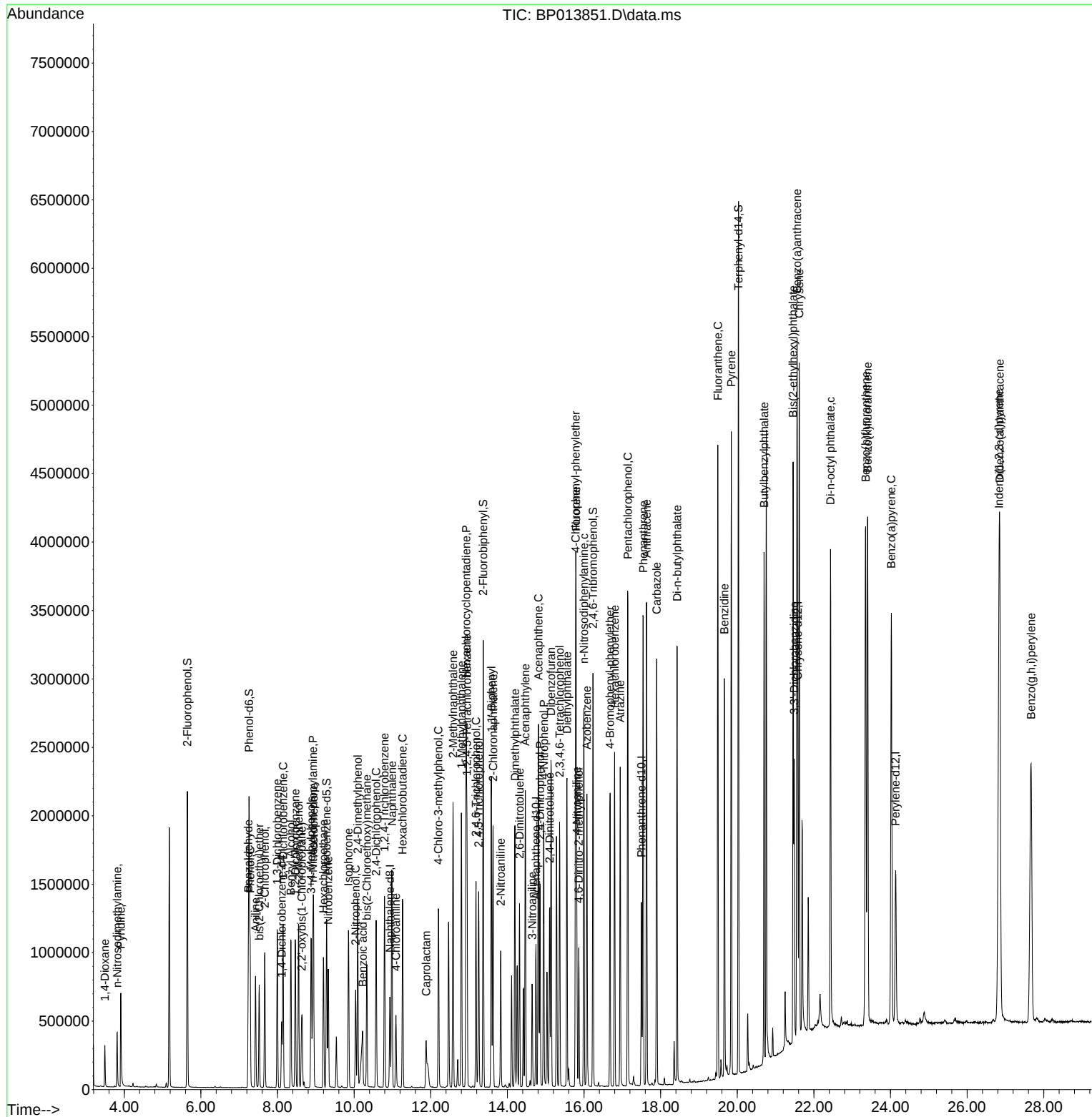
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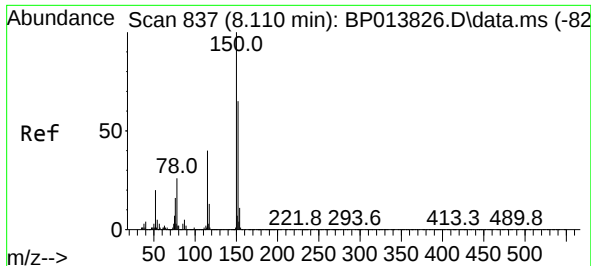
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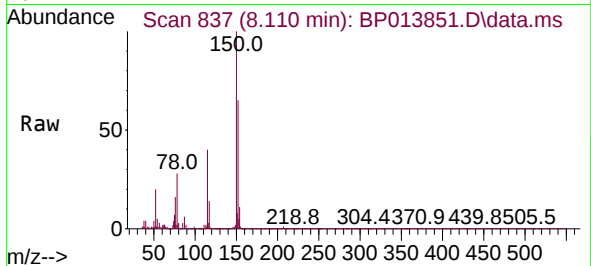
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

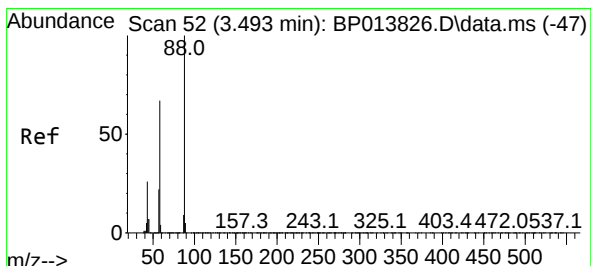
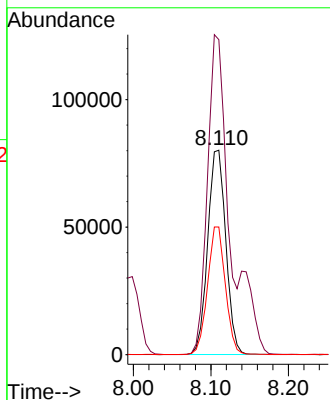
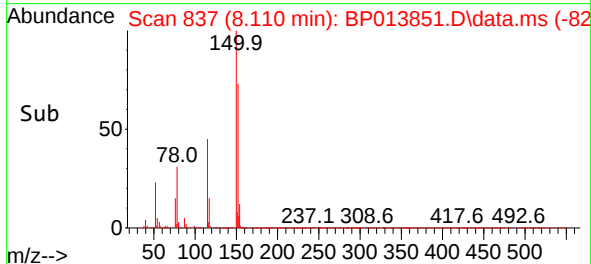
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion: 152 Resp: 130426
Ion Ratio Lower Upper
152 100
150 154.1 122.8 184.2
115 62.4 49.0 73.6

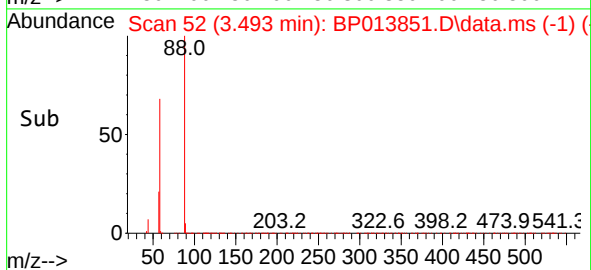
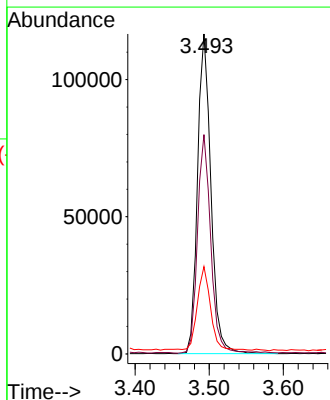
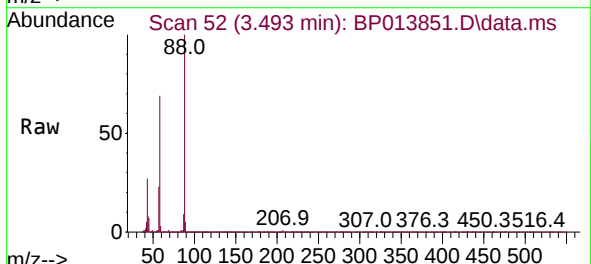
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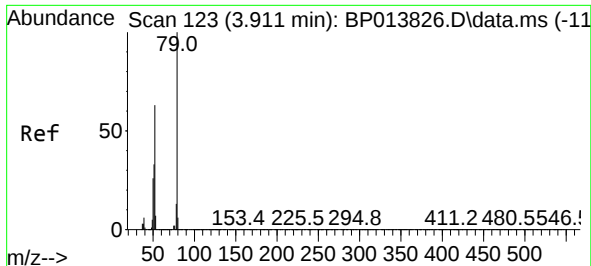
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#2
1,4-Dioxane
Concen: 42.511 ng
RT: 3.493 min Scan# 52
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

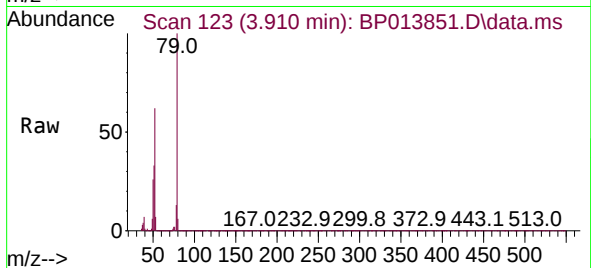
Tgt Ion: 88 Resp: 146224
Ion Ratio Lower Upper
88 100
58 67.4 53.5 80.3
43 25.8 20.6 30.8





#3
Pyridine
Concen: 42.911 ng
RT: 3.910 min Scan# 123
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

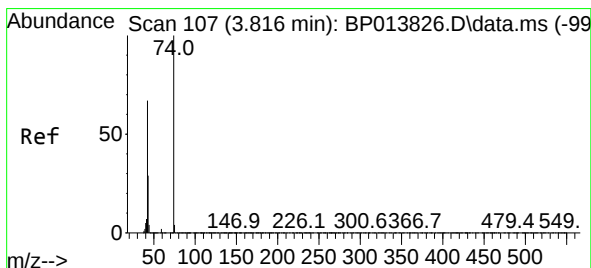
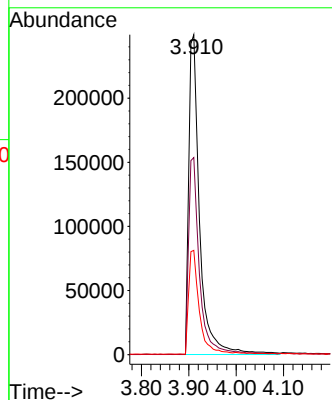
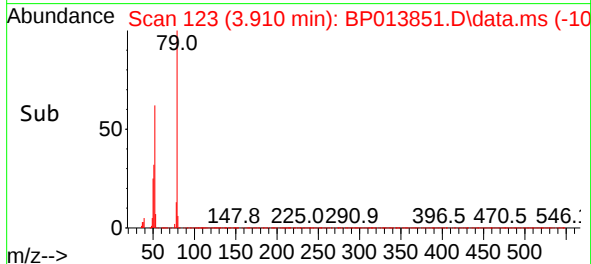
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



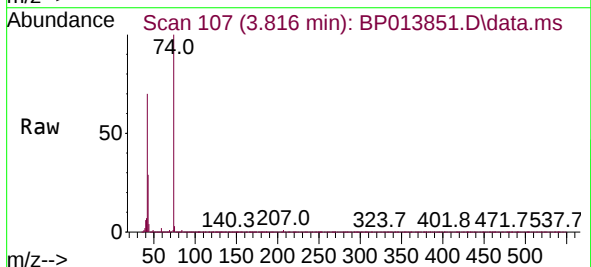
Tgt Ion: 79 Resp: 397895
Ion Ratio Lower Upper
79 100
52 61.6 50.0 75.0
51 32.6 26.7 40.1

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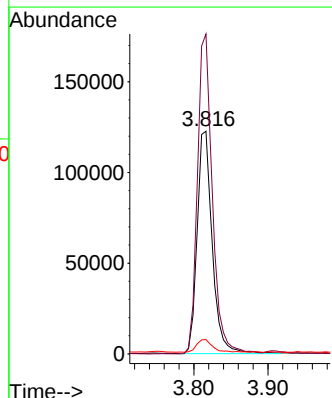
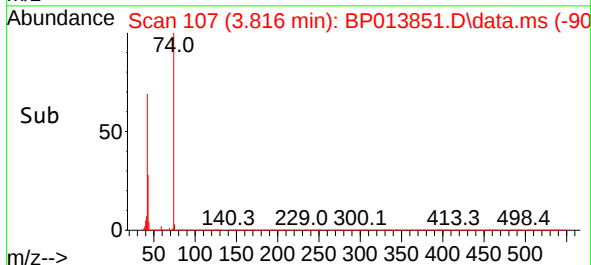
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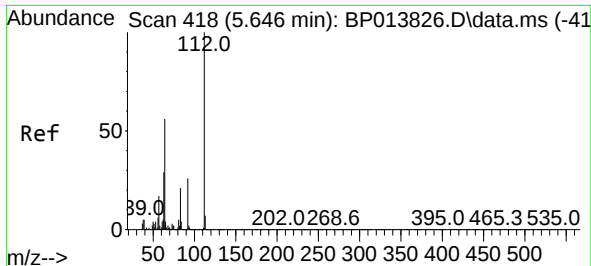


#4
n-Nitrosodimethylamine
Concen: 50.199 ng
RT: 3.816 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32



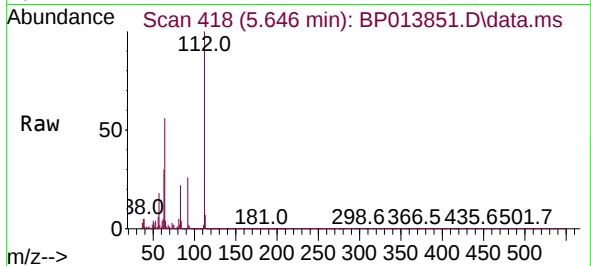
Tgt Ion: 42 Resp: 174439
Ion Ratio Lower Upper
42 100
74 143.7 119.3 178.9
44 6.4 6.0 9.0





#5
2-Fluorophenol
Concen: 114.207 ng
RT: 5.646 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

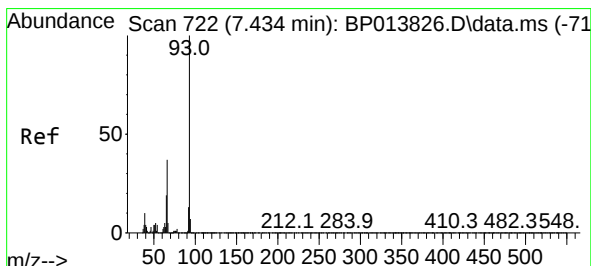
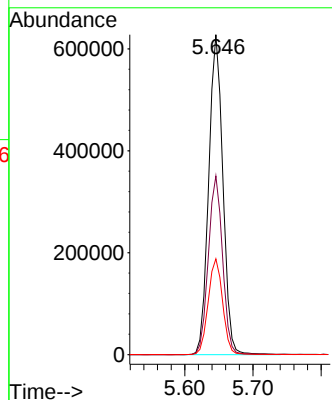
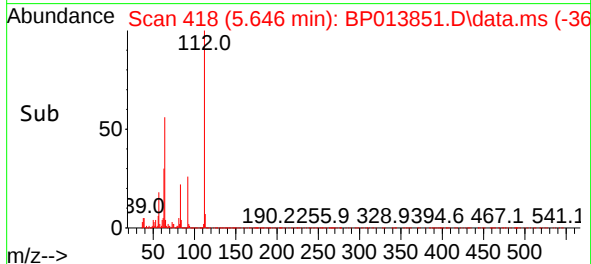
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion:112 Resp: 90379
Ion Ratio Lower Upper
112 100
64 55.8 44.6 66.8
63 30.0 23.6 35.4

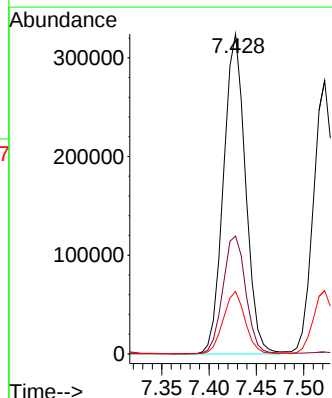
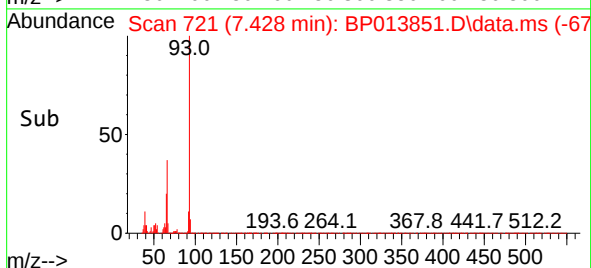
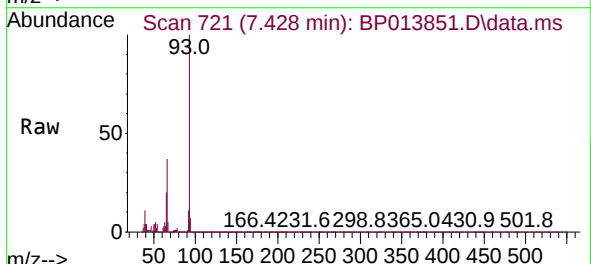
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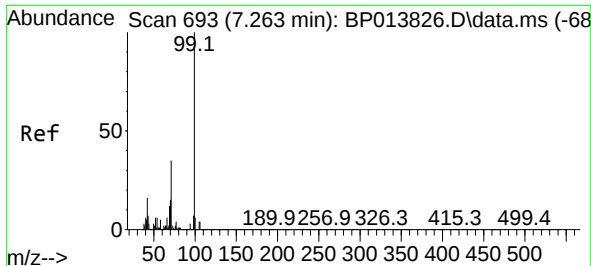
Reviewed By :Yogesh Patel 02/20/2023
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#6
Aniline
Concen: 39.742 ng
RT: 7.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Tgt Ion: 93 Resp: 523364
Ion Ratio Lower Upper
93 100
66 36.8 29.6 44.4
65 19.5 15.4 23.0





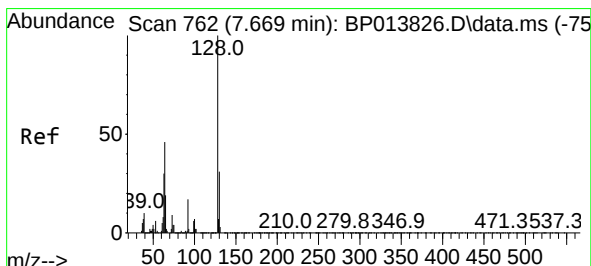
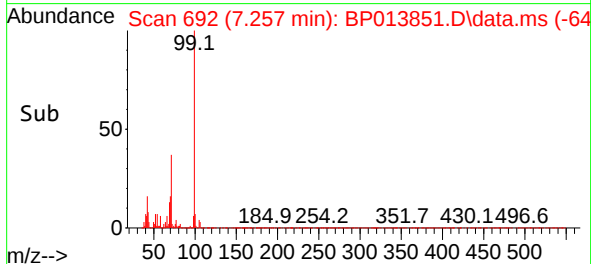
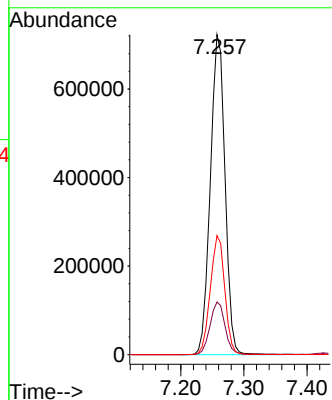
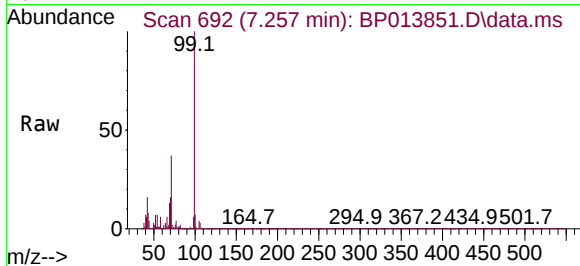
#7
Phenol-d6
Concen: 115.116 ng
RT: 7.257 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP013851.D
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Instrument :
BNA_P
ClientSampleId :
MH-CMSD

Tgt Ion: 99 Resp: 1166728
Ion Ratio Lower Upper
99 100
42 16.4 12.5 18.7
71 37.2 27.8 41.8

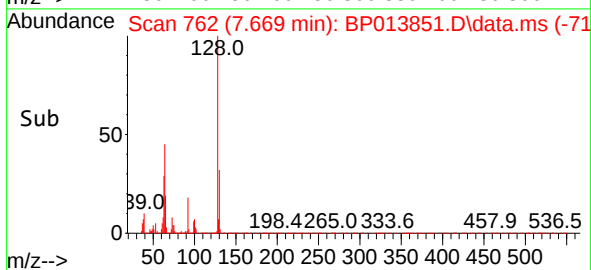
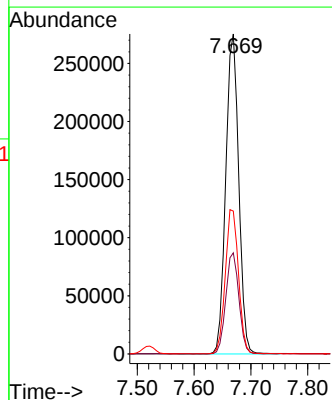
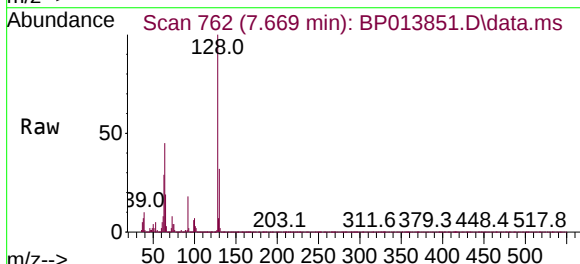
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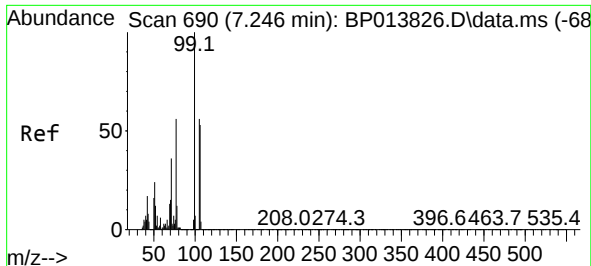
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#8
2-Chlorophenol
Concen: 52.039 ng
RT: 7.669 min Scan# 762
Delta R.T. -0.000 min
Lab File: BP013851.D
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Tgt Ion:128 Resp: 434389
Ion Ratio Lower Upper
128 100
130 31.6 11.4 51.4
64 44.6 25.9 65.9





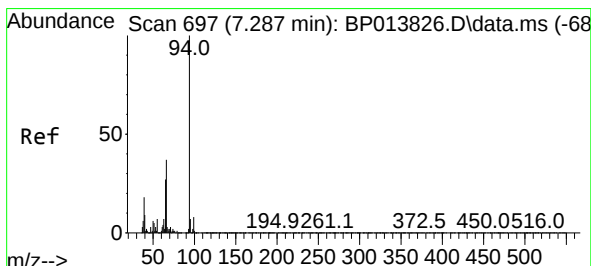
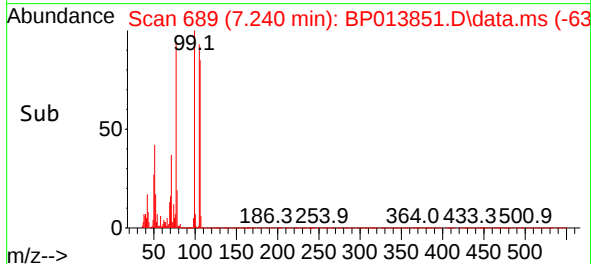
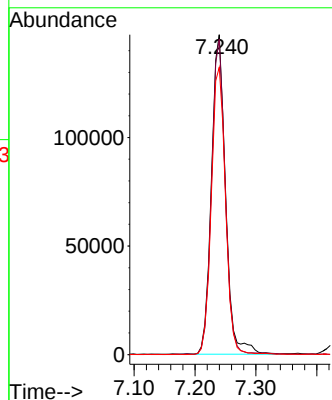
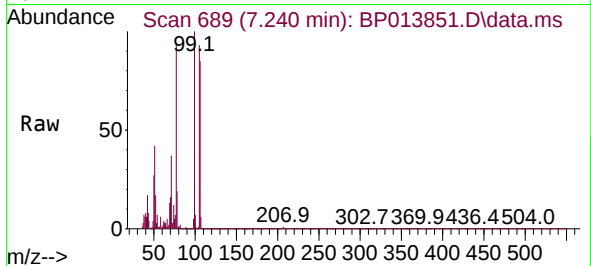
#9
Benzaldehyde
Concen: 49.250 ng
RT: 7.240 min Scan# 689
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 237481
Ion Ratio Lower Upper
77 100
105 98.5 80.2 120.2
106 89.8 74.8 114.8

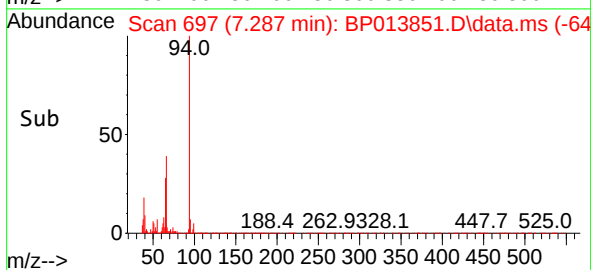
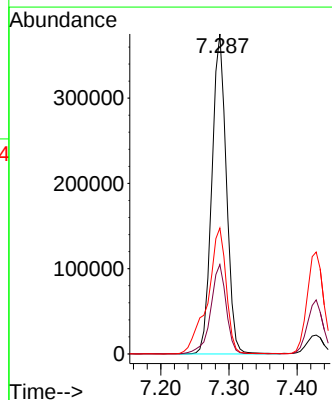
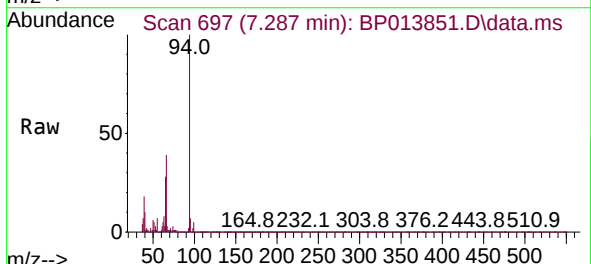
Manual Integrations
APPROVED

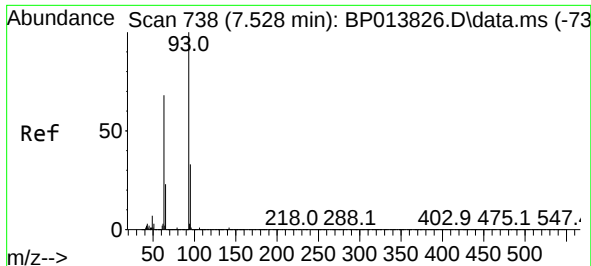
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#10
Phenol
Concen: 52.497 ng
RT: 7.287 min Scan# 697
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

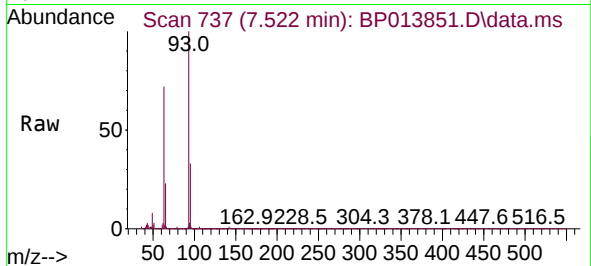
Tgt Ion: 94 Resp: 553821
Ion Ratio Lower Upper
94 100
65 27.9 6.8 46.8
66 39.3 17.4 57.4





#11
bis(2-Chloroethyl)ether
Concen: 49.448 ng
RT: 7.522 min Scan# 738
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

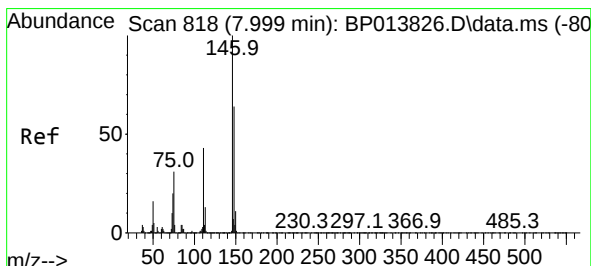
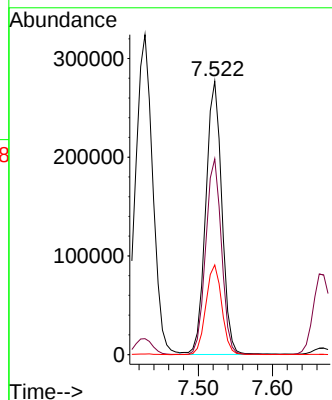
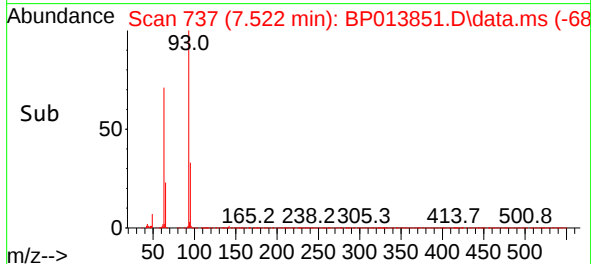
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



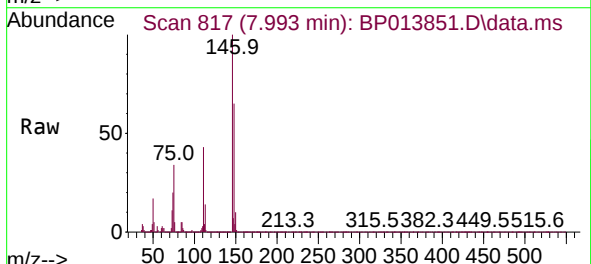
Tgt Ion: 93 Resp: 417479
Ion Ratio Lower Upper
93 100
63 71.6 48.1 88.1
95 32.8 12.6 52.6

Manual Integrations
APPROVED

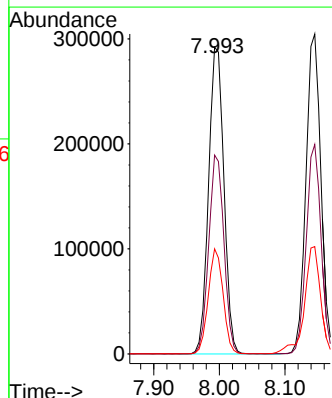
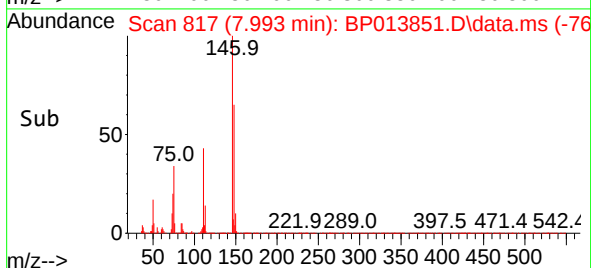
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023

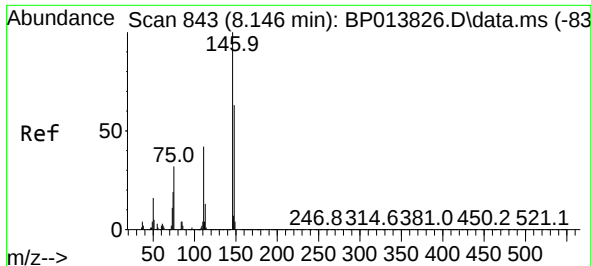


#12
1,3-Dichlorobenzene
Concen: 50.546 ng
RT: 7.993 min Scan# 817
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32



Tgt Ion:146 Resp: 474424
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
75 34.3 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 51.035 ng

RT: 8.146 min Scan# 84

Delta R.T. -0.000 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

Instrument :

BNA_P

ClientSampleId :

MH-CMSD

Tgt Ion:146 Resp: 483864

Ion Ratio Lower Upper

146 100

148 65.4 50.4 75.6

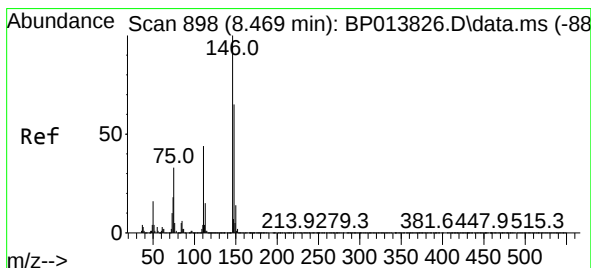
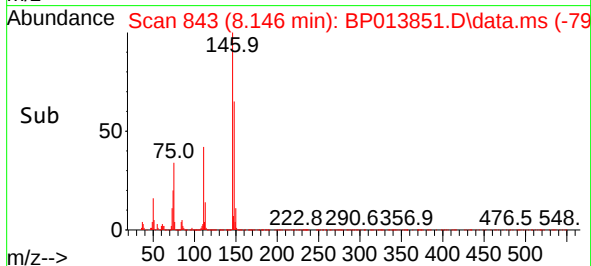
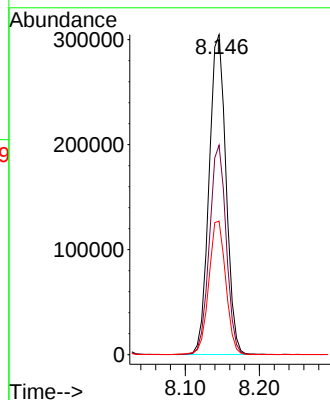
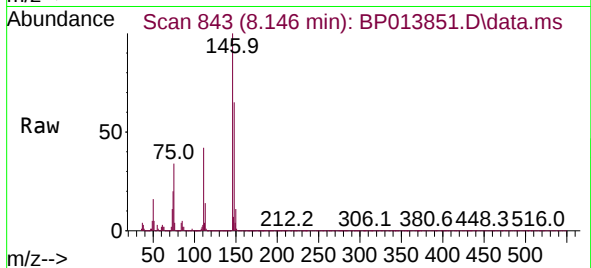
111 41.7 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/20/2023

Supervised By :Jagrut Upadhyay 02/20/2023



#14

1,2-Dichlorobenzene

Concen: 50.083 ng

RT: 8.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

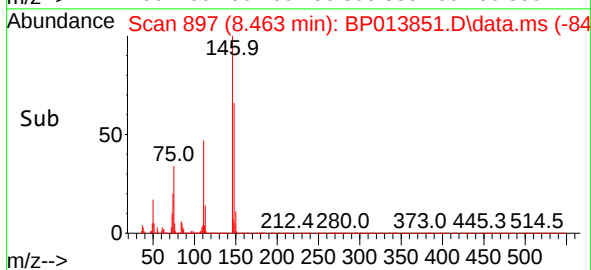
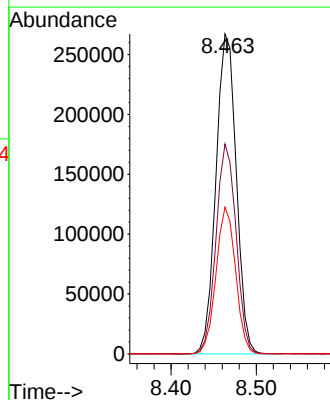
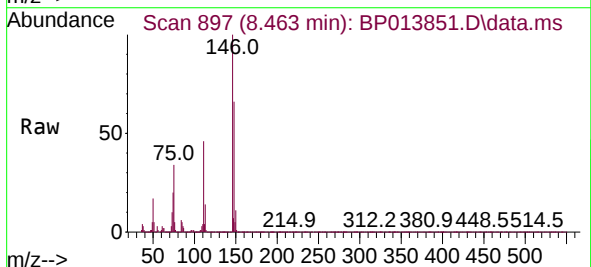
Tgt Ion:146 Resp: 443253

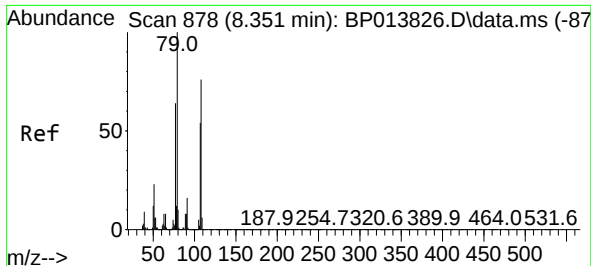
Ion Ratio Lower Upper

146 100

148 65.6 52.1 78.1

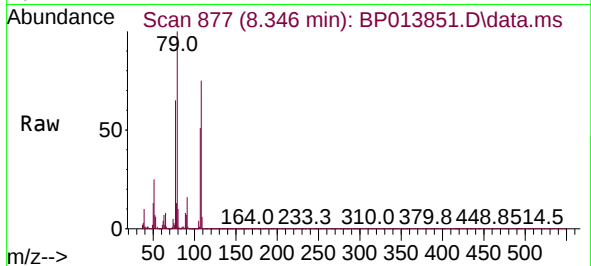
111 45.8 34.9 52.3





#15
Benzyl Alcohol
Concen: 53.068 ng m
RT: 8.346 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

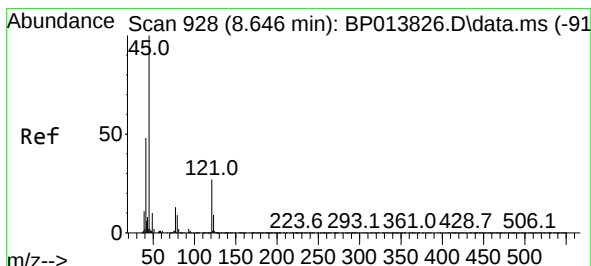
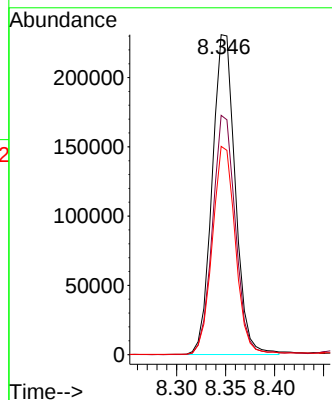
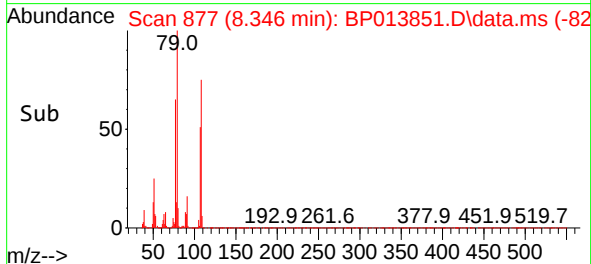
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion: 79 Resp: 377360
Ion Ratio Lower Upper
79 100
108 74.8 60.7 91.1
77 65.1 51.4 77.0

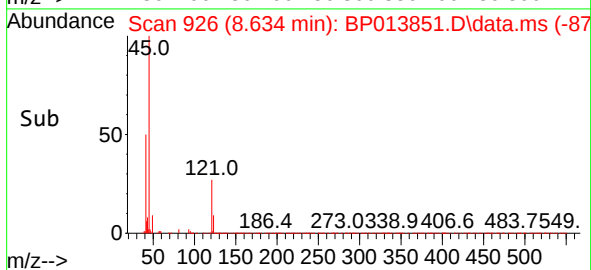
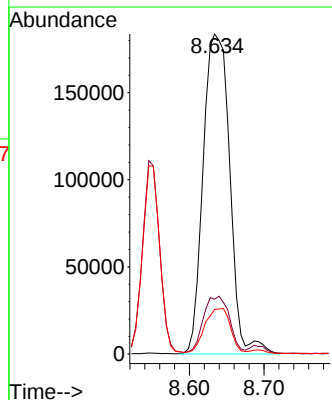
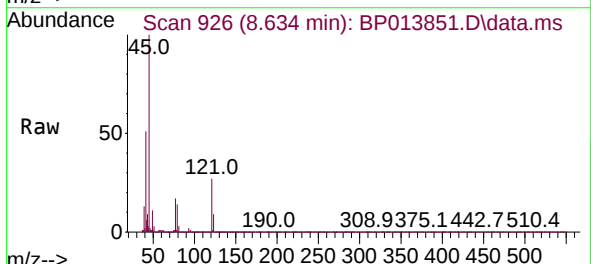
Manual Integrations
APPROVED

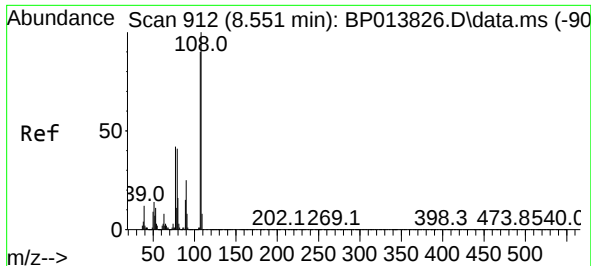
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.572 ng m
RT: 8.634 min Scan# 926
Delta R.T. -0.012 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Tgt Ion: 45 Resp: 456085
Ion Ratio Lower Upper
45 100
77 17.1 0.0 37.5
79 13.9 0.0 33.8





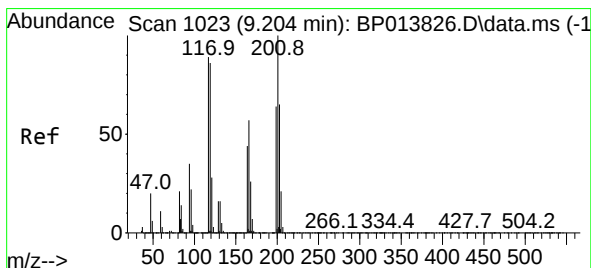
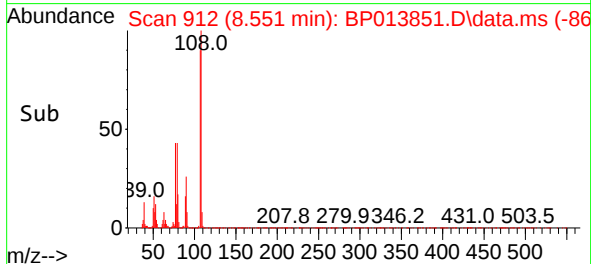
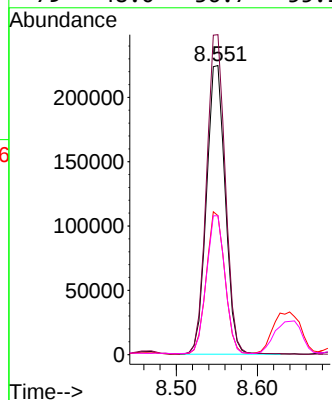
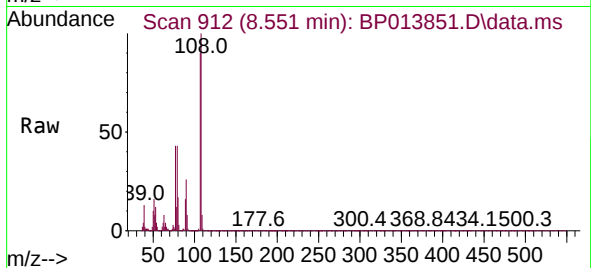
#17
2-Methylphenol
Concen: 50.260 ng
RT: 8.551 min Scan# 912
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Instrument :
BNA_P
ClientSampleId :
MH-CMSD

Tgt Ion:107 Resp: 360820
Ion Ratio Lower Upper
107 100
108 110.7 88.9 133.3
77 48.1 37.1 55.7
79 48.0 36.7 55.1

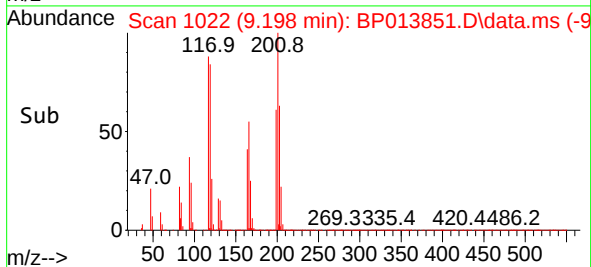
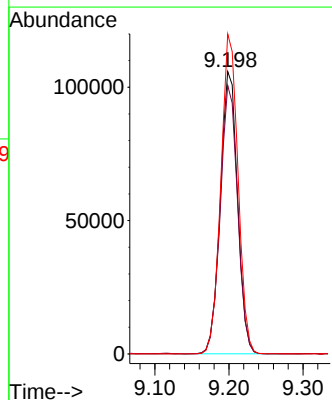
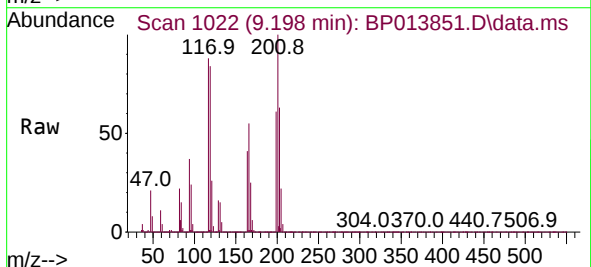
Manual Integrations
APPROVED

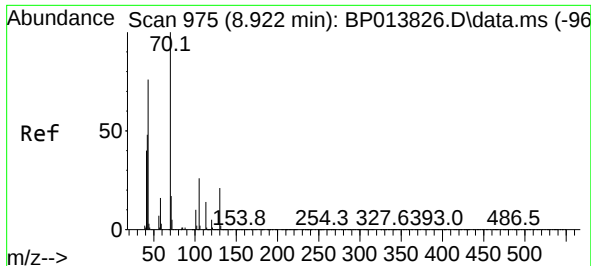
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#18
Hexachloroethane
Concen: 51.558 ng
RT: 9.198 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

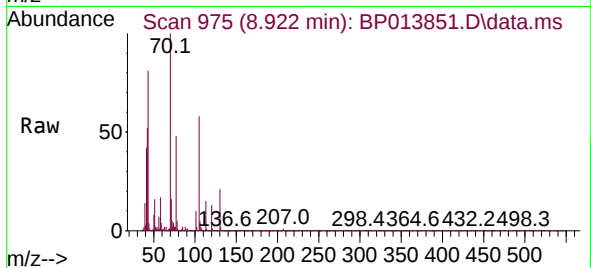
Tgt Ion:117 Resp: 171227
Ion Ratio Lower Upper
117 100
119 95.1 77.2 115.8
201 113.3 89.4 134.2





#19
n-Nitroso-di-n-propylamine
Concen: 53.356 ng
RT: 8.922 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

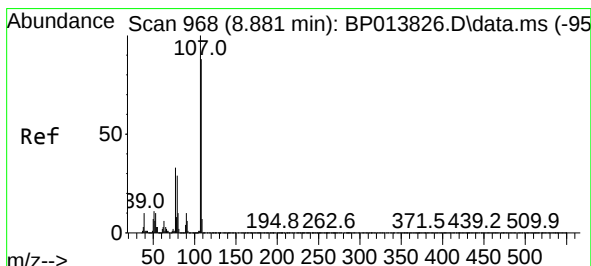
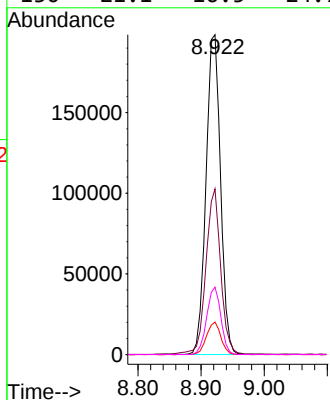
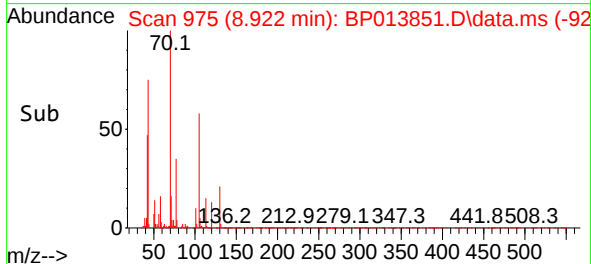
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



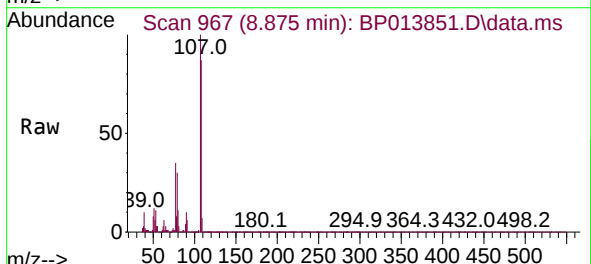
Tgt Ion: 70 Resp: 316504
Ion Ratio Lower Upper
70 100
42 51.8 39.0 58.4
101 10.2 8.0 12.0
130 21.1 16.5 24.7

Manual Integrations
APPROVED

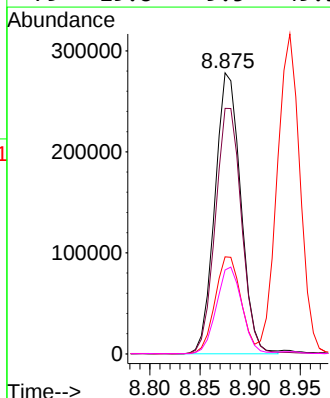
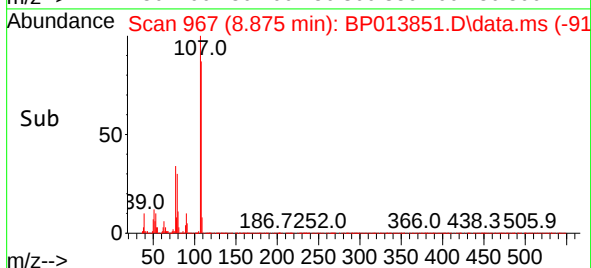
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023

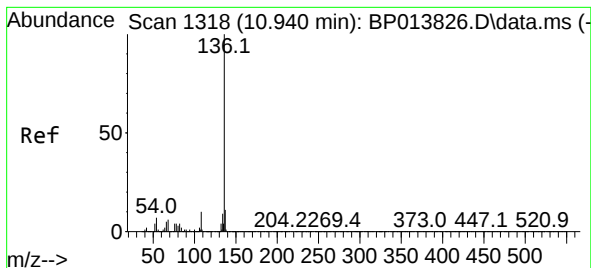


#20
3+4-Methylphenols
Concen: 51.637 ng
RT: 8.875 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32



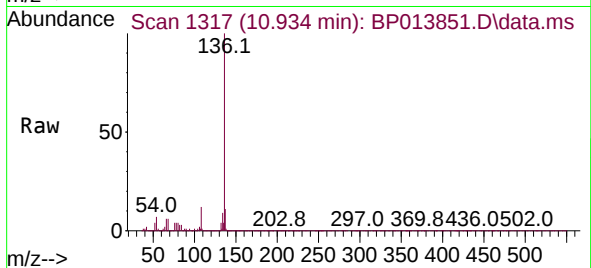
Tgt Ion:107 Resp: 498935
Ion Ratio Lower Upper
107 100
108 87.4 67.7 107.7
77 34.5 13.4 53.4
79 29.8 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

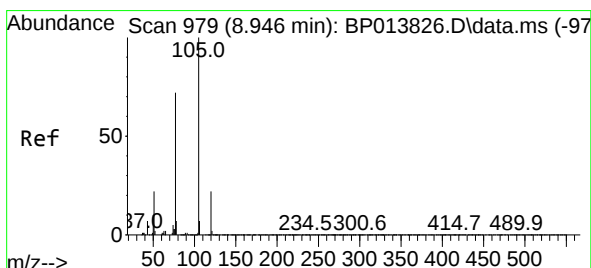
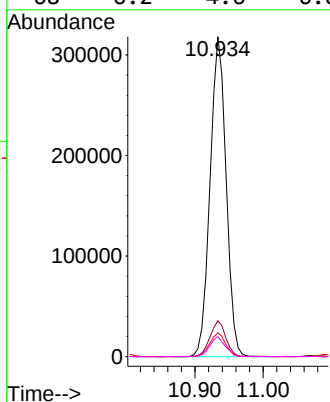
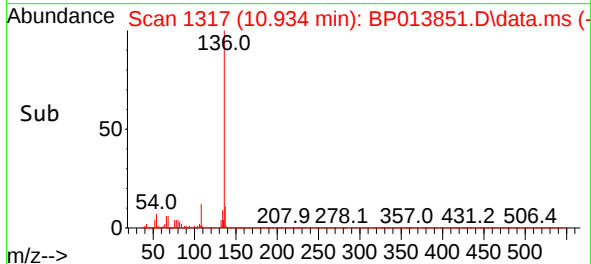
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



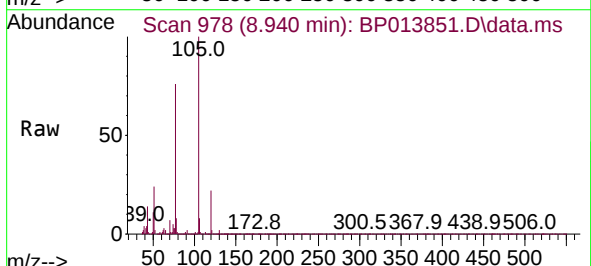
Tgt Ion:136 Resp: 518434
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.4 5.8 8.6
68 6.2 4.6 6.8

Manual Integrations
APPROVED

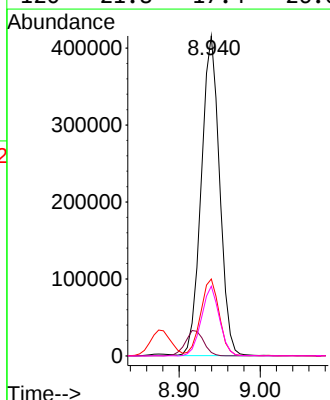
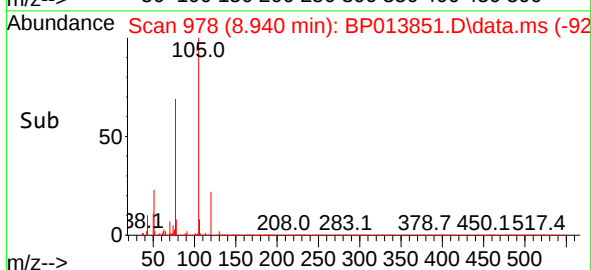
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023

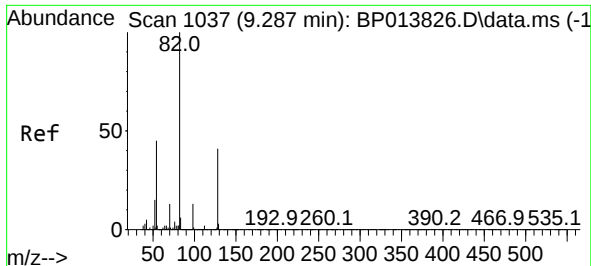


#22
Acetophenone
Concen: 49.842 ng
RT: 8.940 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32



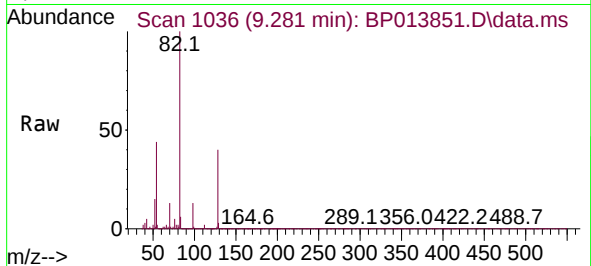
Tgt Ion:105 Resp: 651750
Ion Ratio Lower Upper
105 100
71 1.1 0.7 1.1#
51 24.0 18.9 28.3
120 21.8 17.4 26.0





#23
Nitrobenzene-d5
Concen: 75.056 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

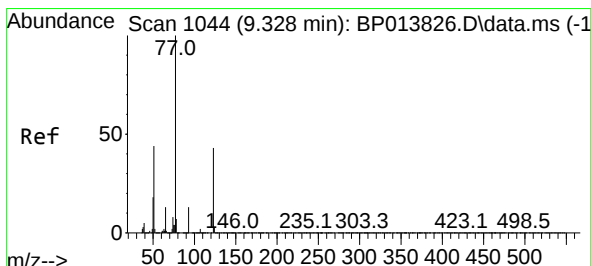
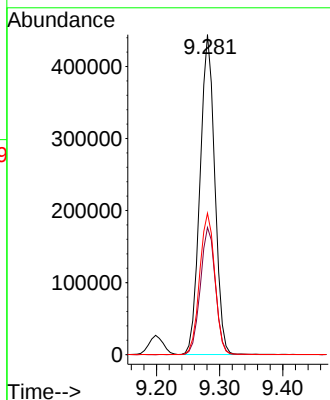
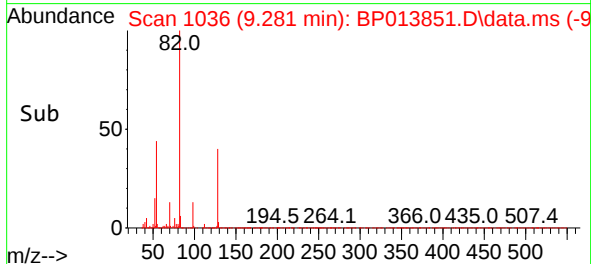
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion: 82 Resp: 720588
Ion Ratio Lower Upper
82 100
128 39.7 32.9 49.3
54 44.2 35.6 53.4

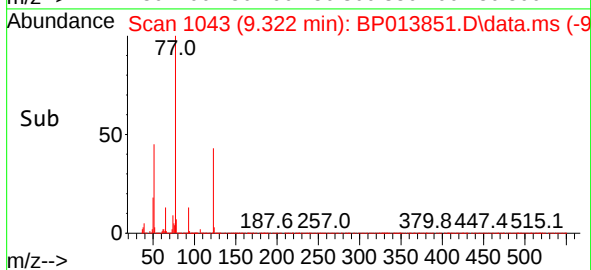
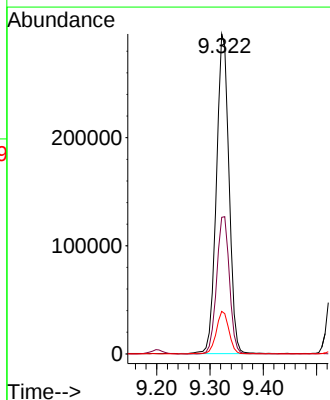
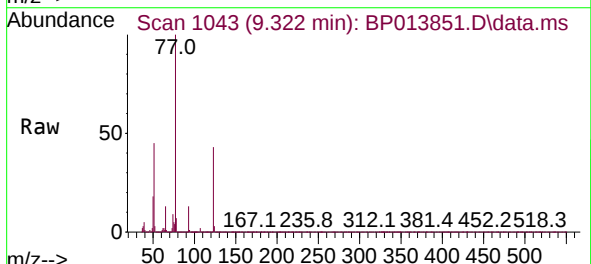
Manual Integrations
APPROVED

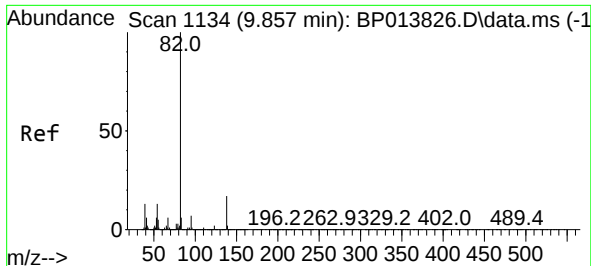
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#24
Nitrobenzene
Concen: 48.472 ng
RT: 9.322 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Tgt Ion: 77 Resp: 485630
Ion Ratio Lower Upper
77 100
123 42.7 34.7 52.1
65 13.3 10.5 15.7





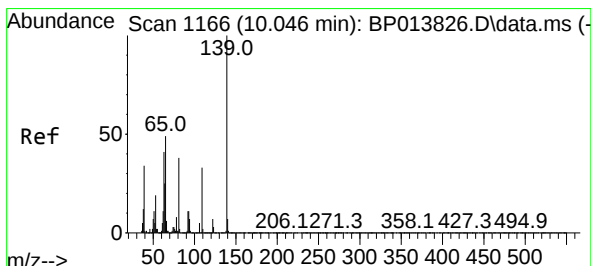
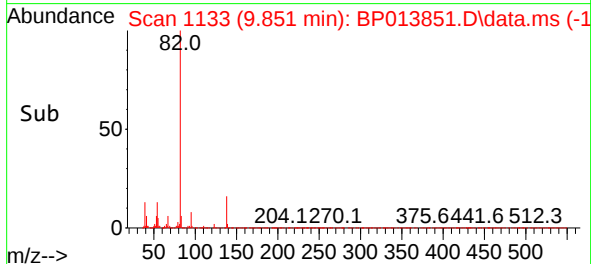
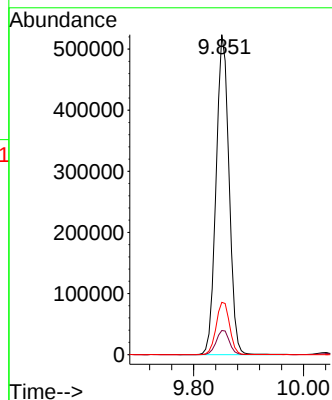
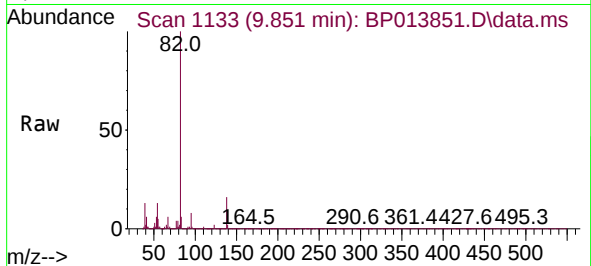
#25
Isophorone
Concen: 46.182 ng
RT: 9.851 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Instrument :
BNA_P
ClientSampleId :
MH-CMSD

Tgt Ion: 82 Resp: 854417
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 16.3 13.7 20.5

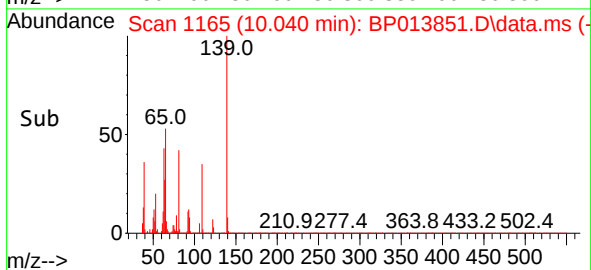
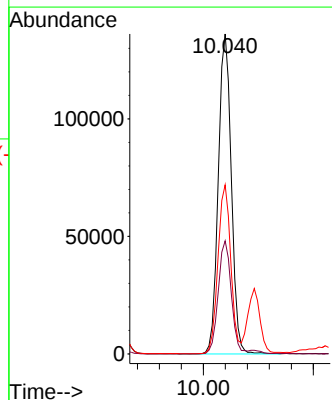
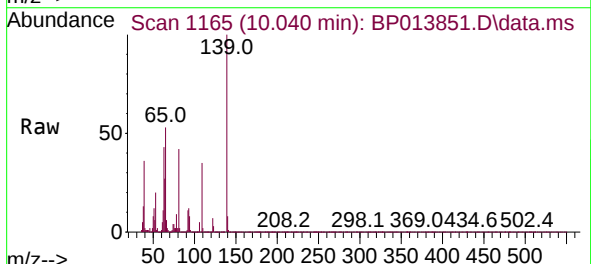
Manual Integrations
APPROVED

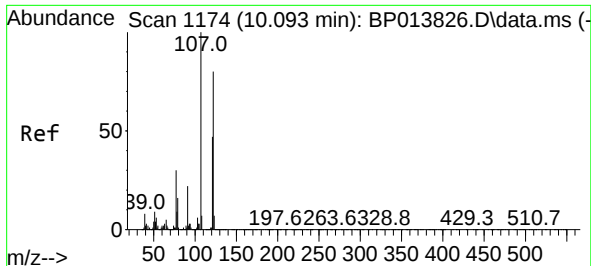
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#26
2-Nitrophenol
Concen: 47.259 ng
RT: 10.040 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

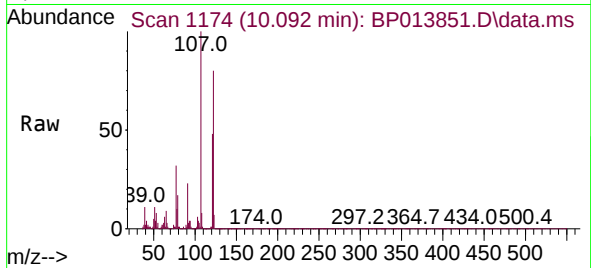
Tgt Ion:139 Resp: 222902
Ion Ratio Lower Upper
139 100
109 35.3 26.7 40.1
65 52.8 39.4 59.2





#27
2,4-Dimethylphenol
Concen: 50.461 ng
RT: 10.092 min Scan# 1174
Delta R.T. -0.001 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

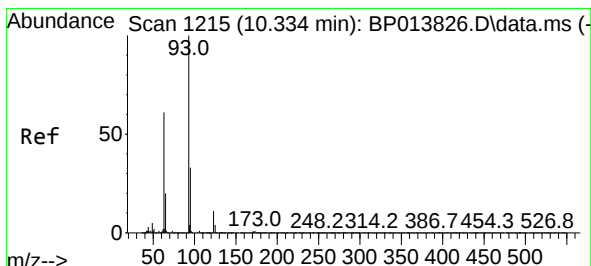
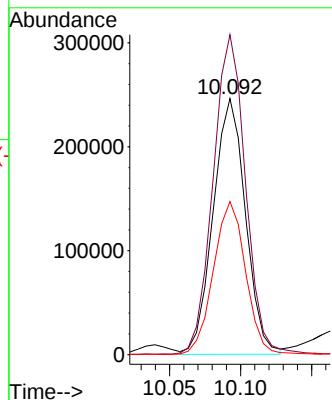
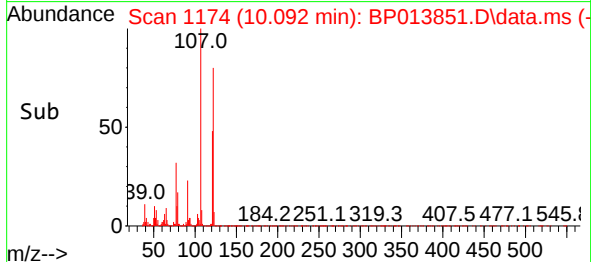
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



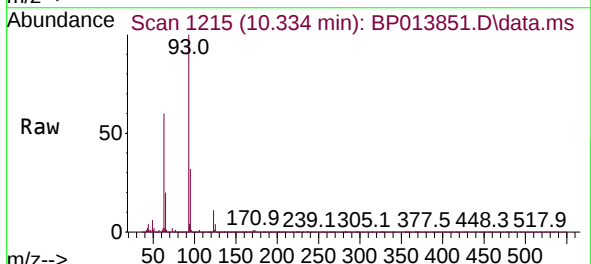
Tgt Ion:122 Resp: 390433
Ion Ratio Lower Upper
122 100
107 125.0 100.0 150.0
121 59.8 47.2 70.8

Manual Integrations
APPROVED

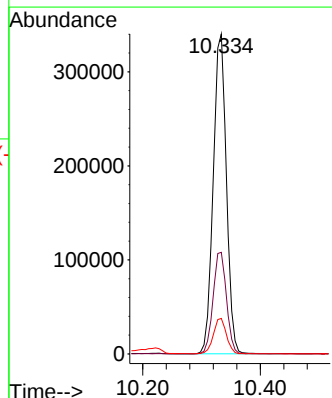
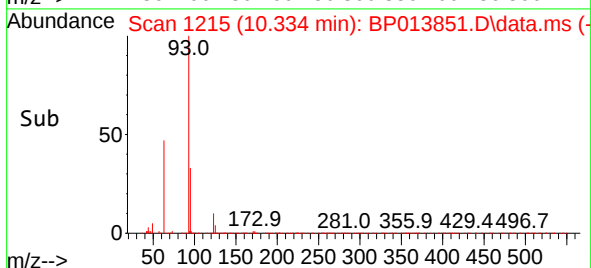
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023

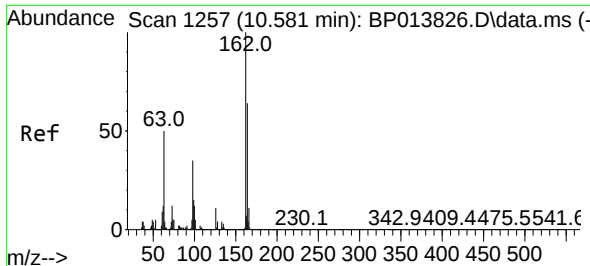


#28
bis(2-Chloroethoxy)methane
Concen: 44.699 ng
RT: 10.334 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32



Tgt Ion: 93 Resp: 527917
Ion Ratio Lower Upper
93 100
95 31.7 26.1 39.1
123 11.1 8.7 13.1





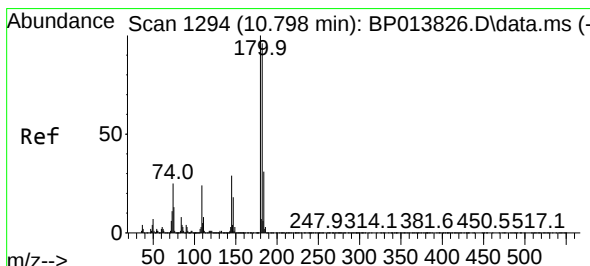
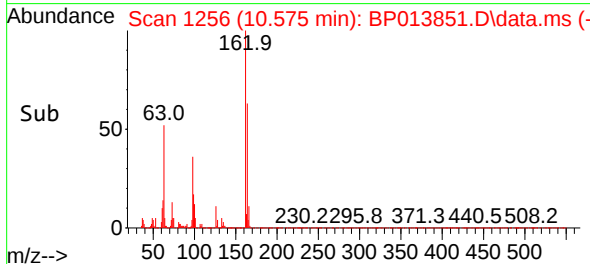
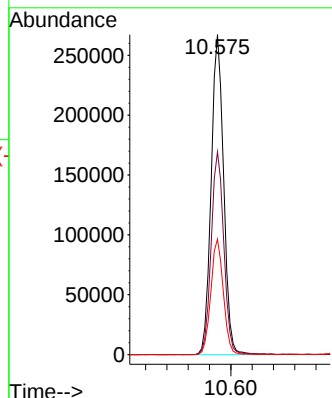
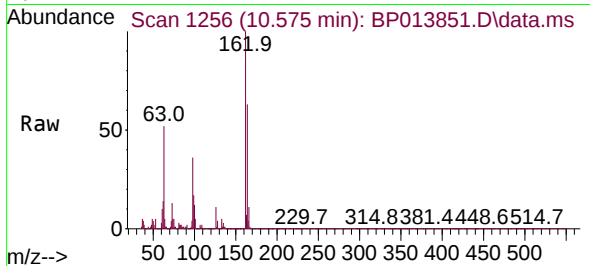
#29
2,4-Dichlorophenol
Concen: 52.420 ng
RT: 10.575 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Instrument :
BNA_P
ClientSampleId :
MH-CMSD

Tgt Ion:162 Resp: 435153
Ion Ratio Lower Upper
162 100
164 63.4 44.4 84.4
98 36.1 14.7 54.7

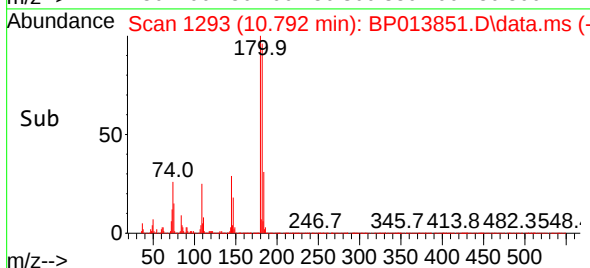
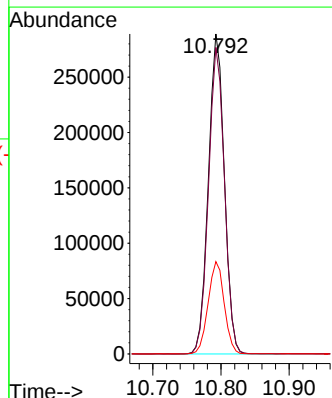
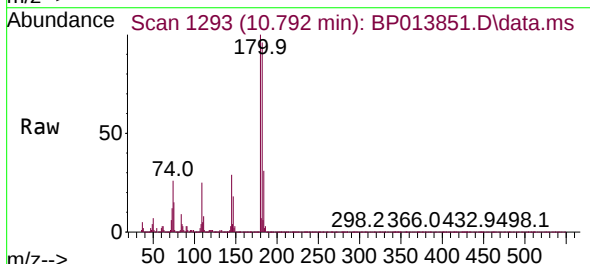
Manual Integrations
APPROVED

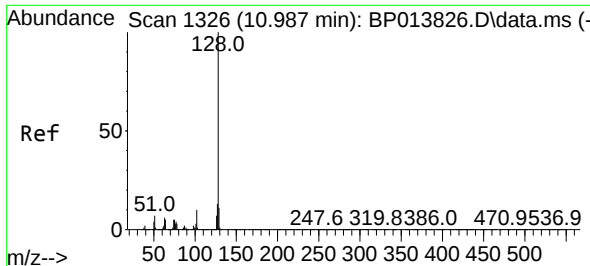
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#30
1,2,4-Trichlorobenzene
Concen: 48.242 ng
RT: 10.792 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

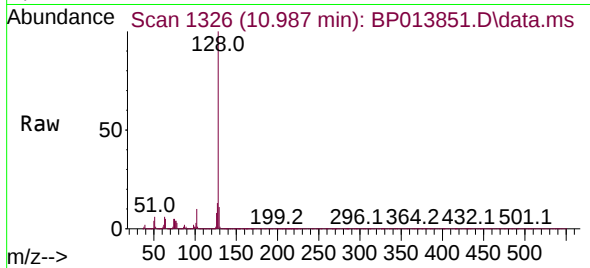
Tgt Ion:180 Resp: 469935
Ion Ratio Lower Upper
180 100
182 95.8 76.8 115.2
145 28.8 22.9 34.3





#31
Naphthalene
Concen: 46.467 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

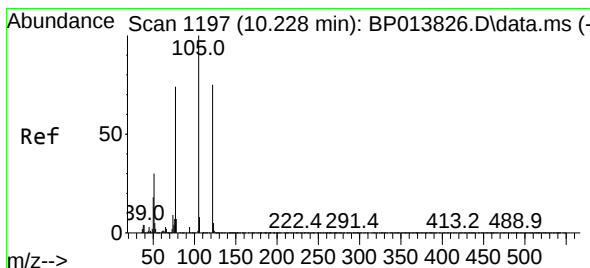
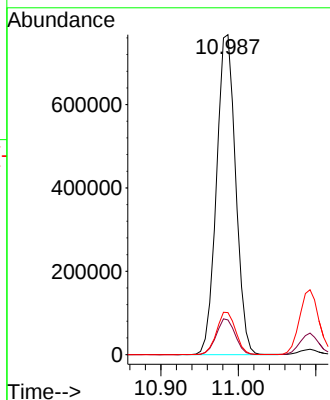
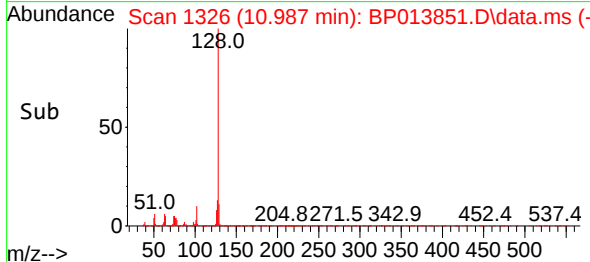
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion:128 Resp: 132077
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.1 10.4 15.6

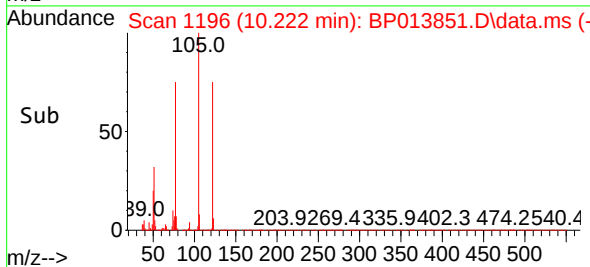
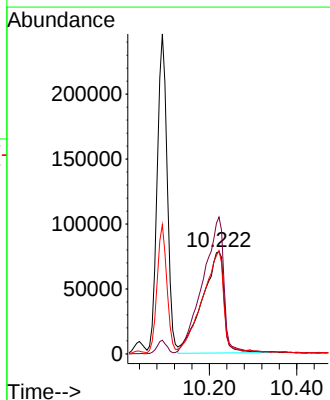
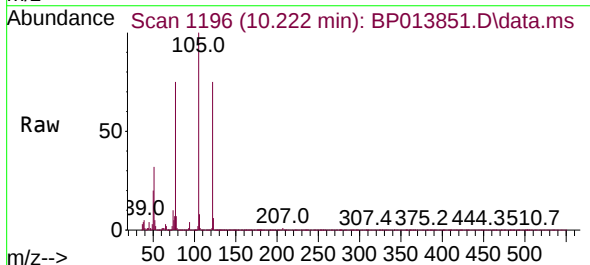
Manual Integrations
APPROVED

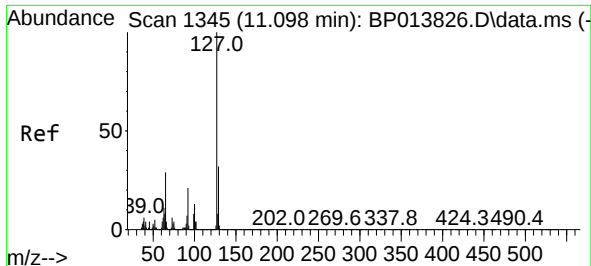
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#32
Benzoic acid
Concen: 44.968 ng
RT: 10.222 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Tgt Ion:122 Resp: 272163
Ion Ratio Lower Upper
122 100
105 133.7 107.4 147.4
77 100.9 76.0 116.0





#33
4-Chloroaniline
Concen: 23.042 ng
RT: 11.092 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Instrument :

BNA_P

ClientSampleId :

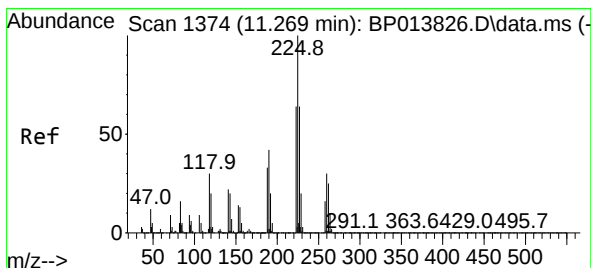
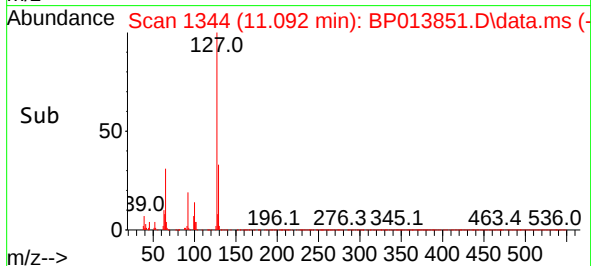
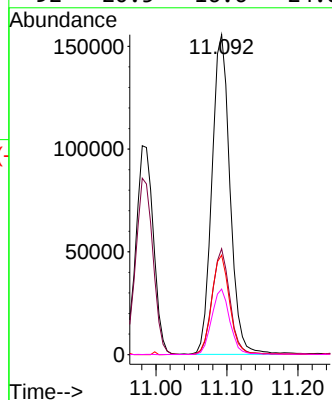
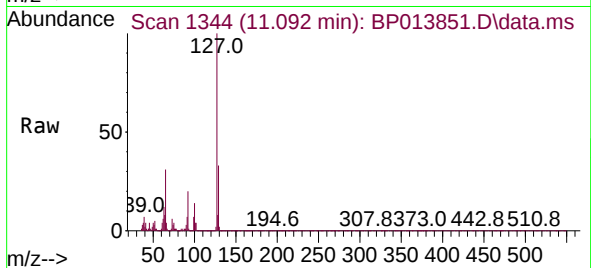
MH-CMSD

Tgt Ion:	127	Resp:	275013
Ion Ratio	Lower	Upper	
127	100		
129	33.1	25.7	38.5
65	31.1	23.4	35.2
92	20.5	16.6	24.8

Manual Integrations

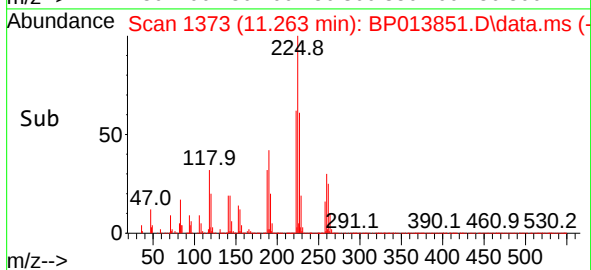
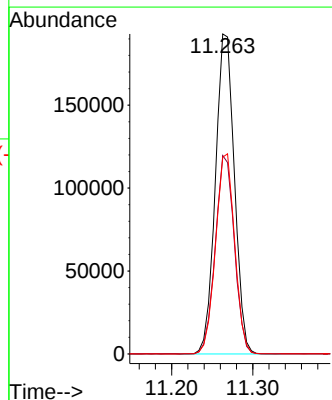
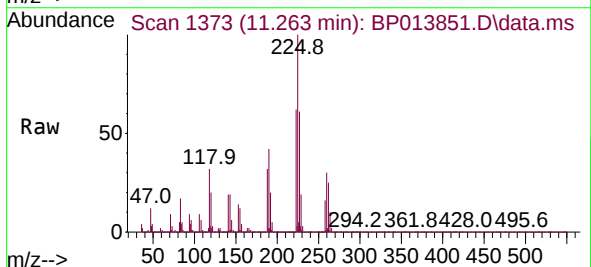
APPROVED

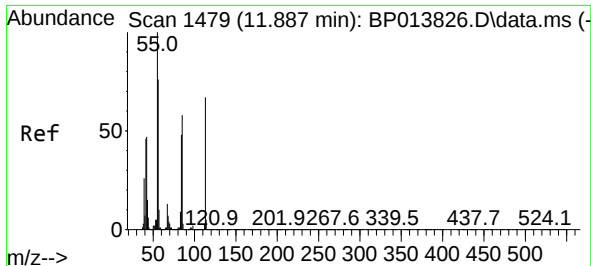
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#34
Hexachlorobutadiene
Concen: 48.446 ng
RT: 11.263 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

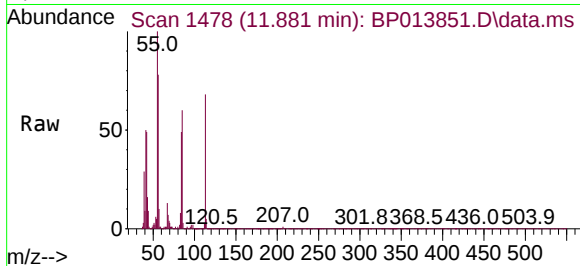
Tgt Ion:	225	Resp:	313614
Ion Ratio	Lower	Upper	
225	100		
223	62.0	51.0	76.4
227	61.5	51.6	77.4





#35
Caprolactam
Concen: 49.377 ng
RT: 11.881 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

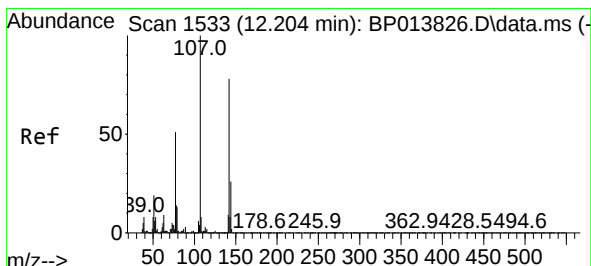
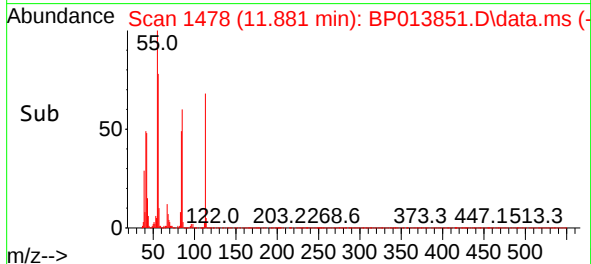
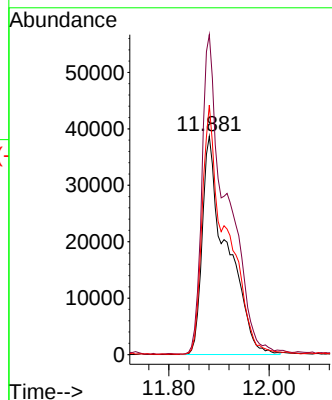
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion:113 Resp: 130868
Ion Ratio Lower Upper
113 100
55 146.5 128.5 168.5
56 114.2 93.4 133.4

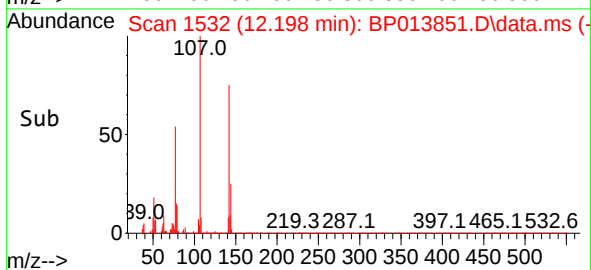
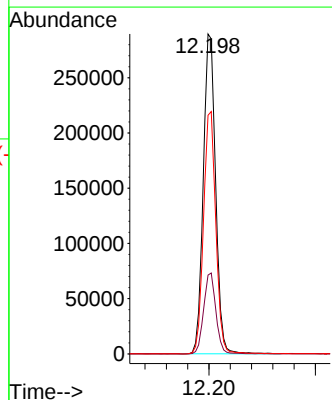
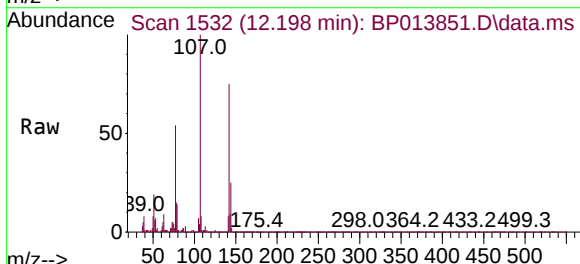
Manual Integrations
APPROVED

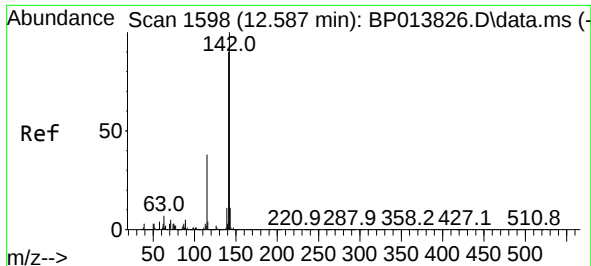
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#36
4-Chloro-3-methylphenol
Concen: 50.279 ng
RT: 12.198 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

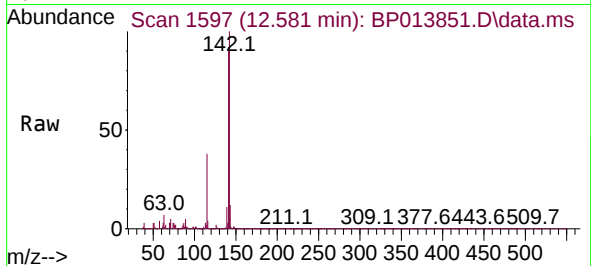
Tgt Ion:107 Resp: 465089
Ion Ratio Lower Upper
107 100
144 24.6 20.4 30.6
142 74.6 62.2 93.4





#37
2-Methylnaphthalene
Concen: 45.725 ng
RT: 12.581 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

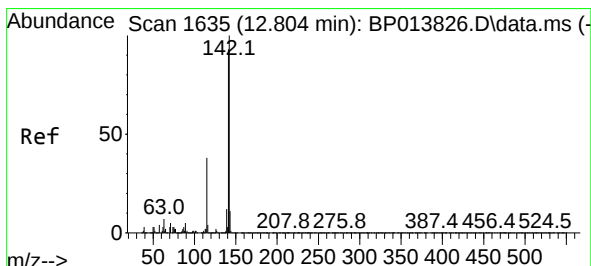
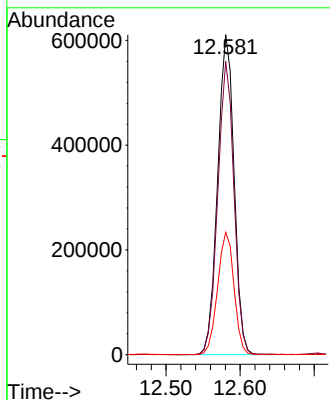
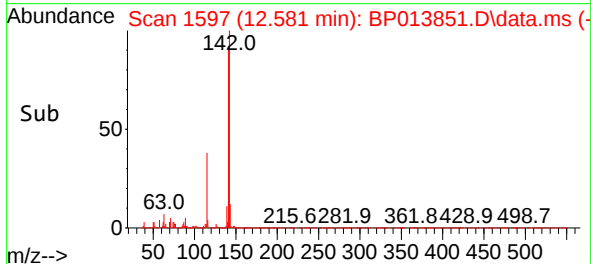
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion:142 Resp: 940798
Ion Ratio Lower Upper
142 100
141 91.6 72.1 108.1
115 38.2 30.2 45.4

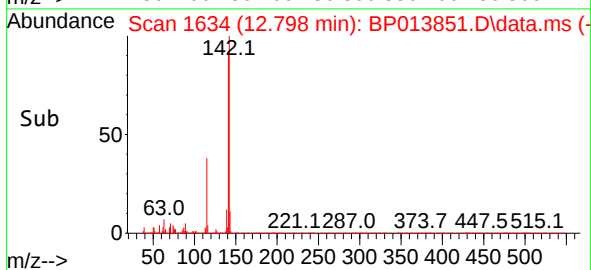
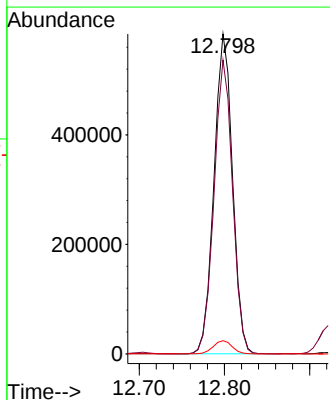
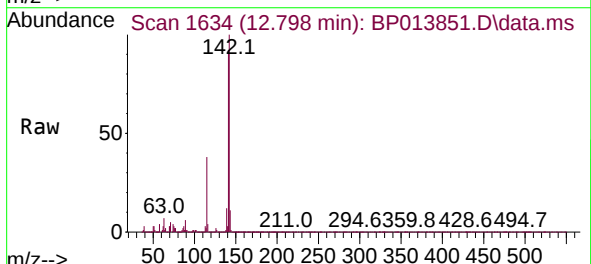
Manual Integrations
APPROVED

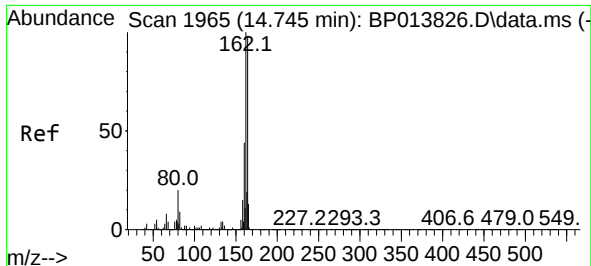
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#38
1-Methylnaphthalene
Concen: 45.732 ng
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Tgt Ion:142 Resp: 880629
Ion Ratio Lower Upper
142 100
141 91.8 74.2 111.4
116 4.1 3.3 4.9





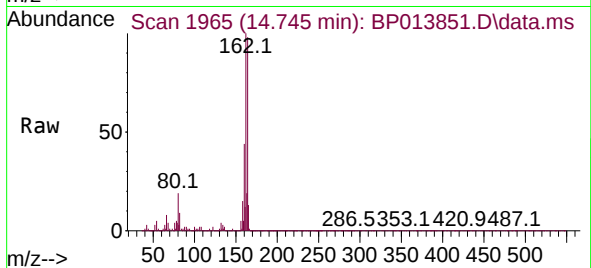
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Instrument :

BNA_P

ClientSampleId :

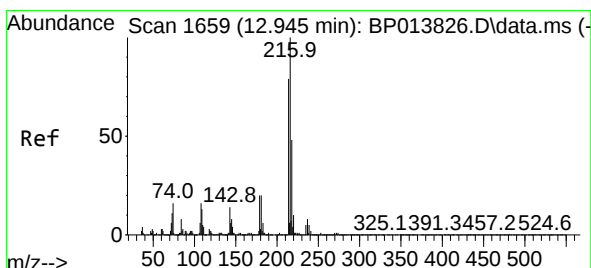
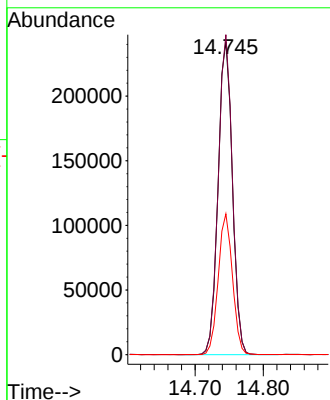
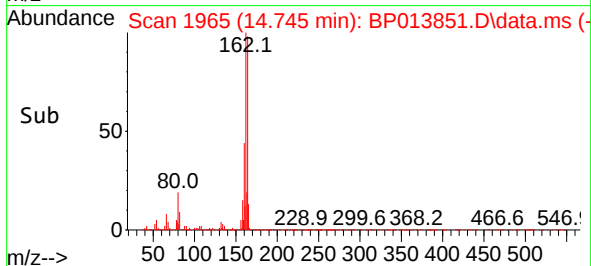
MH-CMSD



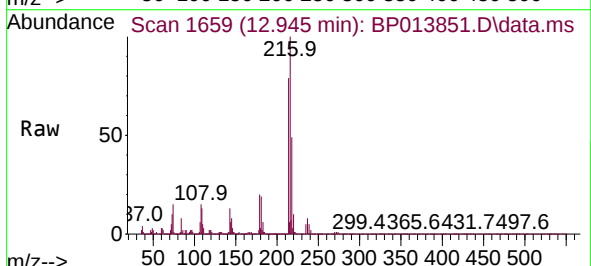
Tgt Ion:164 Resp: 349545
Ion Ratio Lower Upper
164 100
162 102.3 81.7 122.5
160 45.0 36.1 54.1

Manual Integrations
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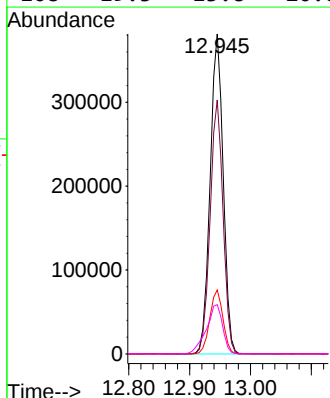
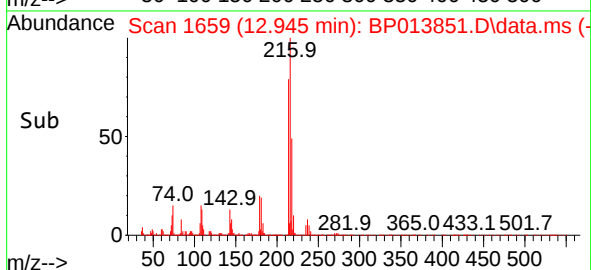
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023

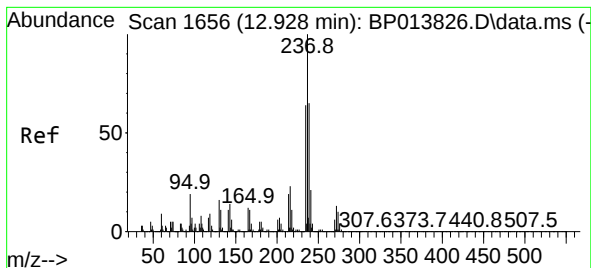


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.089 ng
RT: 12.945 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32



Tgt Ion:216 Resp: 568398
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 20.1 16.0 24.0
108 19.3 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 105.863 ng

RT: 12.922 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

Instrument :

BNA_P

ClientSampleId :

MH-CMSD

Tgt Ion:237 Resp: 708856

Ion Ratio Lower Upper

237 100

235 62.5 44.3 84.3

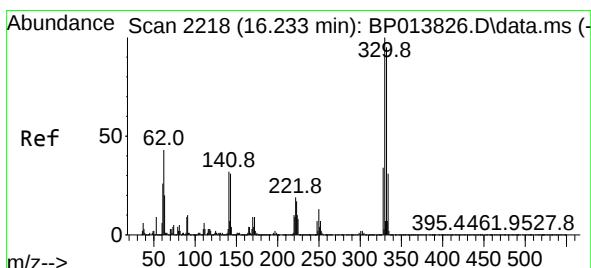
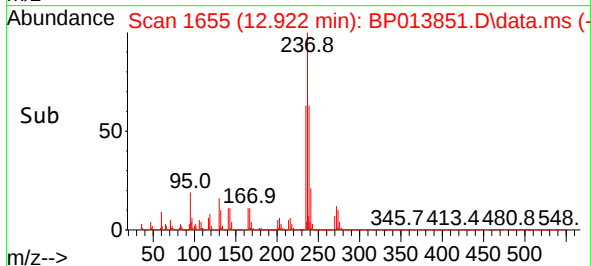
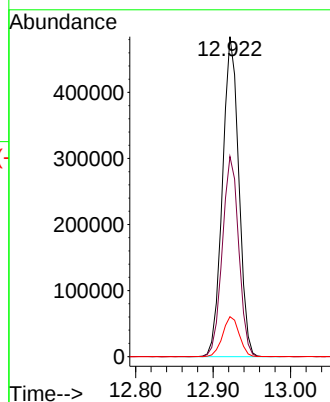
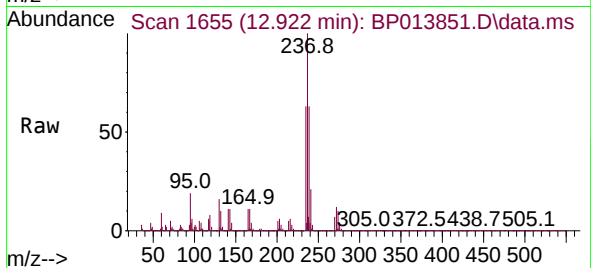
272 12.5 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/20/2023

Supervised By :Jagrut Upadhyay 02/20/2023



#42

2,4,6-Tribromophenol

Concen: 111.716 ng

RT: 16.233 min Scan# 2218

Delta R.T. -0.000 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

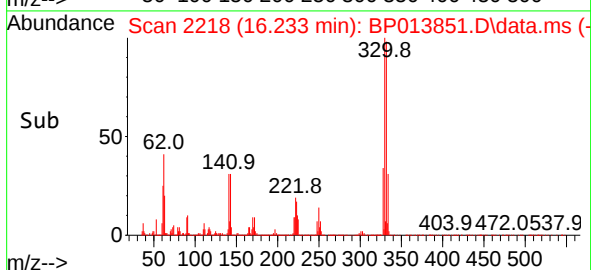
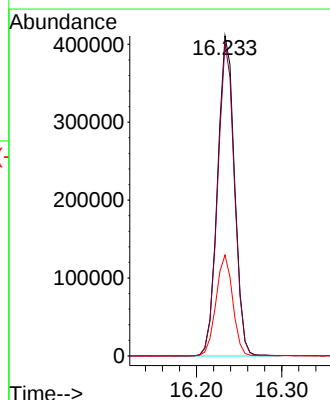
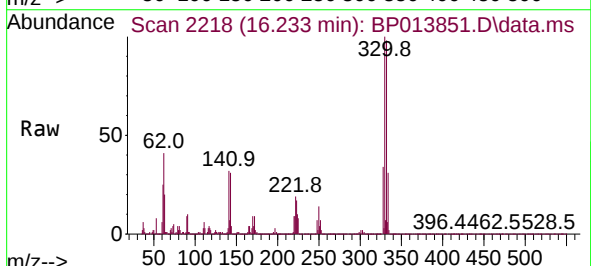
Tgt Ion:330 Resp: 568434

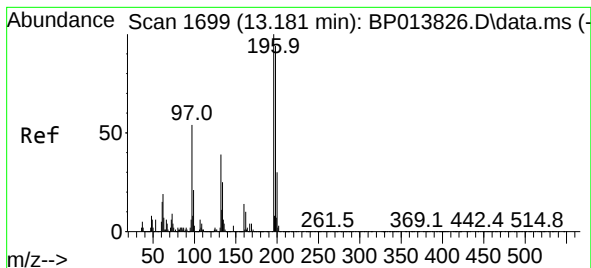
Ion Ratio Lower Upper

330 100

332 96.5 76.7 115.1

141 30.9 25.1 37.7





#43

2,4,6-Trichlorophenol

Concen: 44.110 ng

RT: 13.181 min Scan# 1699

Delta R.T. -0.000 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

Instrument :

BNA_P

ClientSampleId :

MH-CMSD

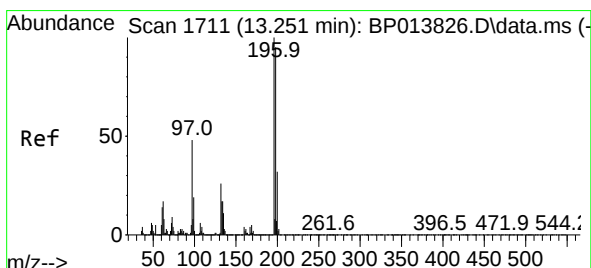
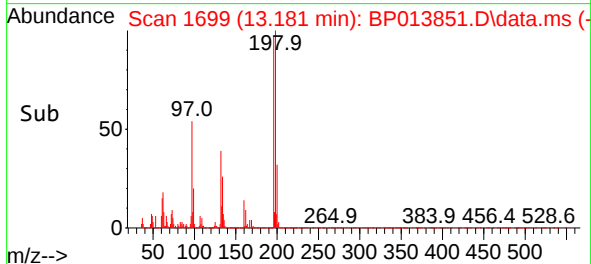
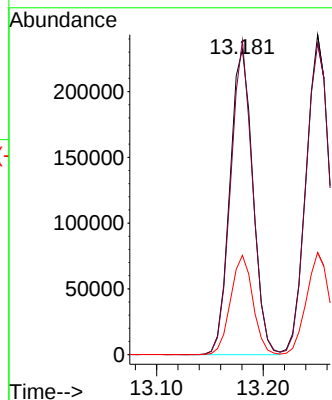
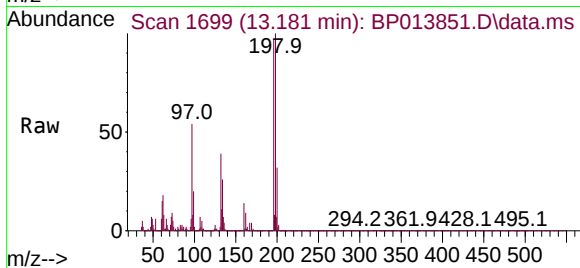
Tgt Ion:196 Resp: 347852
 Ion Ratio Lower Upper
 196 100
 198 102.9 75.5 113.3
 200 32.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/20/2023

Supervised By :Jagrut Upadhyay 02/20/2023



#44

2,4,5-Trichlorophenol

Concen: 39.872 ng

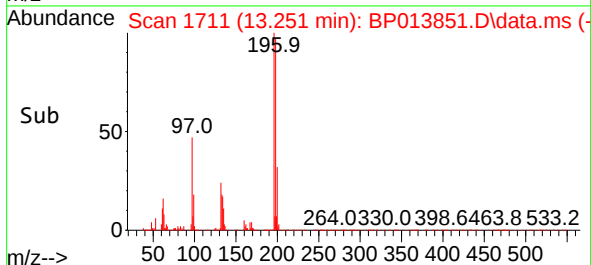
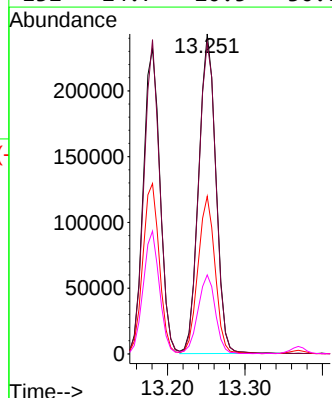
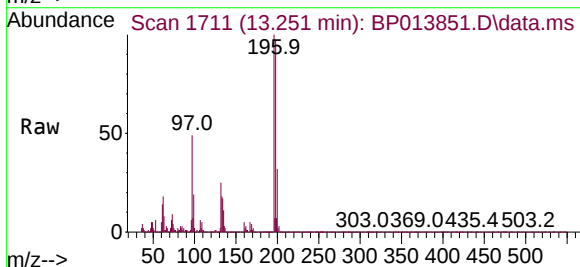
RT: 13.251 min Scan# 1711

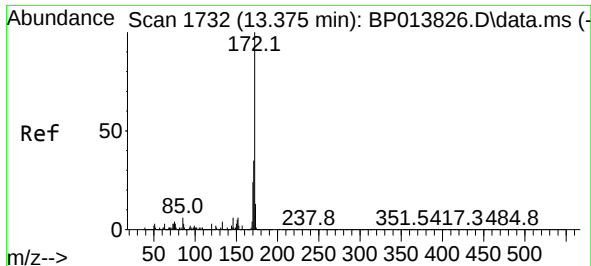
Delta R.T. -0.000 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

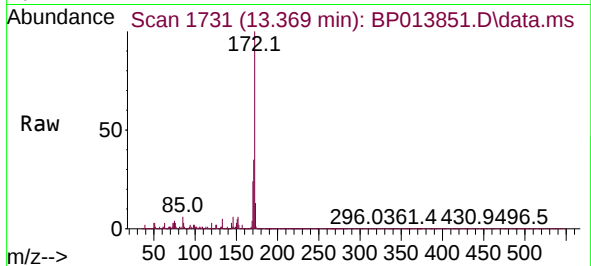
Tgt Ion:196 Resp: 373701
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.1 114.1
 97 49.2 38.8 58.2
 132 24.7 20.5 30.7





#45
2-Fluorobiphenyl
Concen: 59.971 ng
RT: 13.369 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

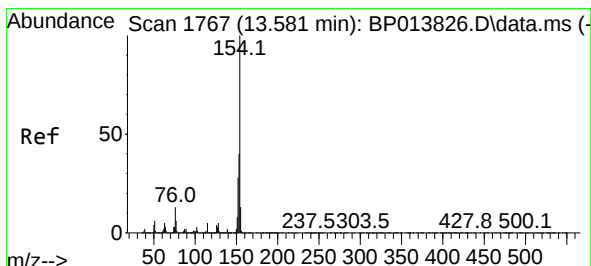
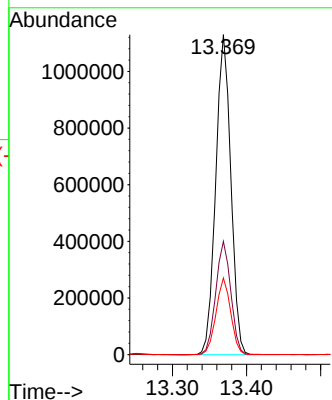
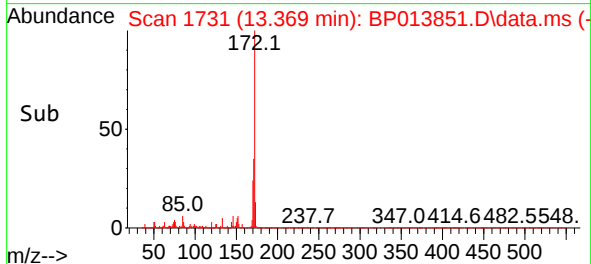
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion:172 Resp: 1595960
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.9 19.0 28.4

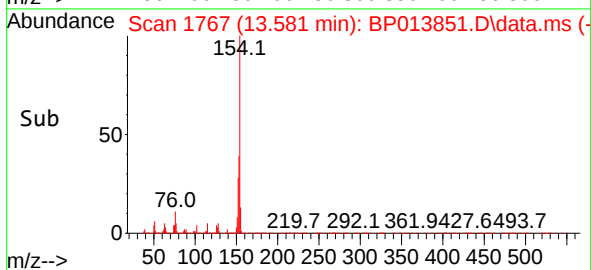
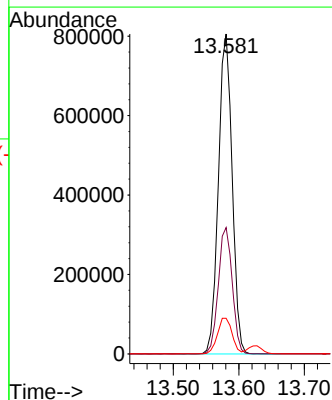
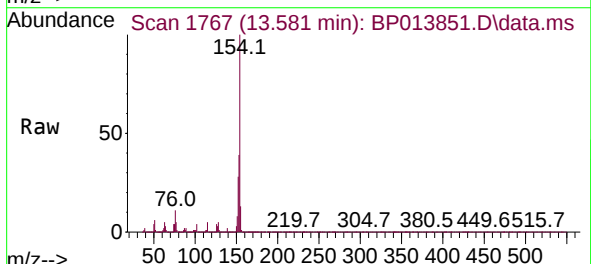
Manual Integrations
APPROVED

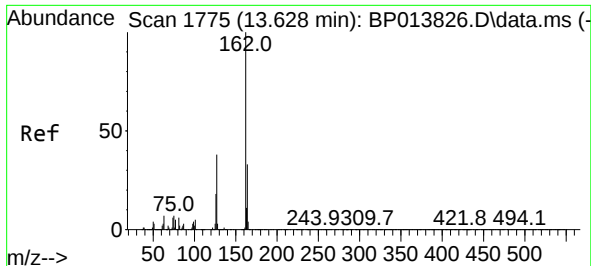
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#46
1,1'-Biphenyl
Concen: 41.502 ng
RT: 13.581 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Tgt Ion:154 Resp: 1172518
Ion Ratio Lower Upper
154 100
153 39.5 19.9 59.9
76 11.1 0.0 32.8





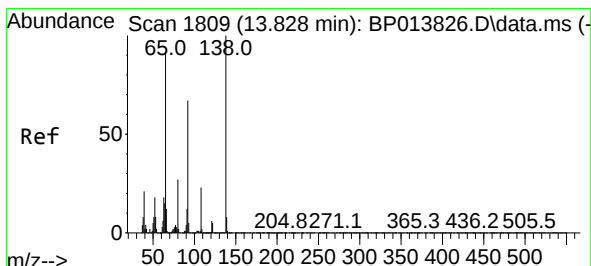
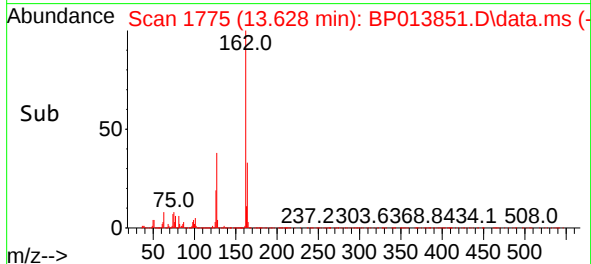
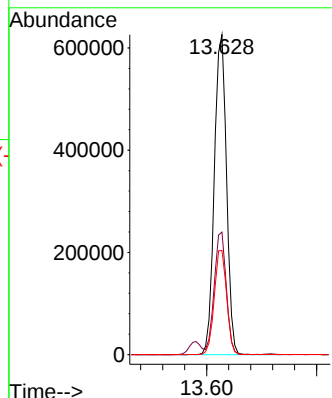
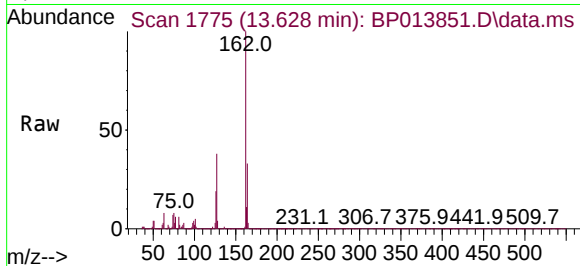
#47
2-Chloronaphthalene
Concen: 44.623 ng
RT: 13.628 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Instrument :
BNA_P
ClientSampleId :
MH-CMSD

Tgt Ion:162 Resp: 960462
Ion Ratio Lower Upper
162 100
127 38.3 30.8 46.2
164 32.5 26.3 39.5

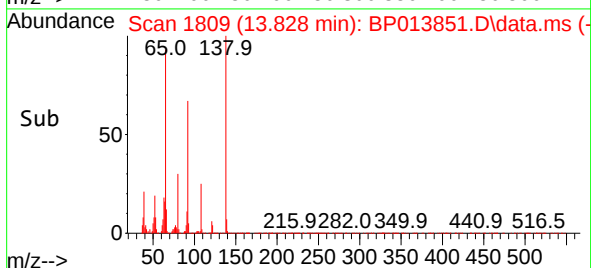
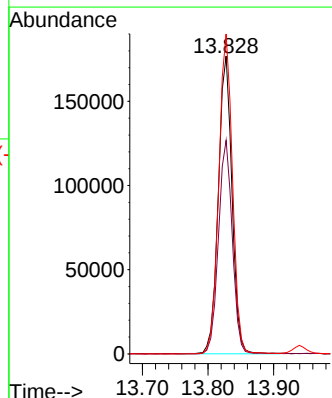
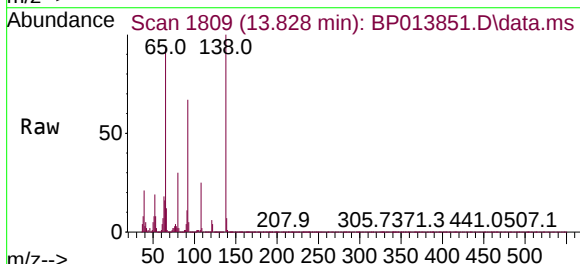
Manual Integrations
APPROVED

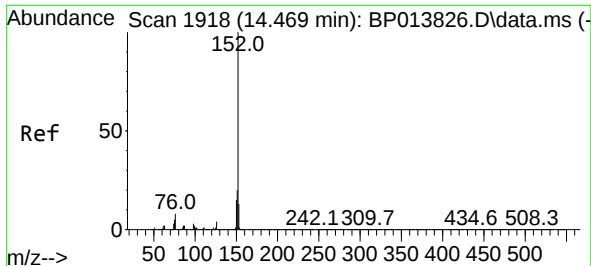
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#48
2-Nitroaniline
Concen: 42.426 ng
RT: 13.828 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

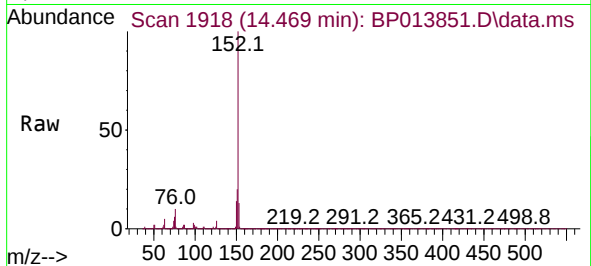
Tgt Ion: 65 Resp: 256910
Ion Ratio Lower Upper
65 100
92 71.7 58.7 88.1
138 107.4 87.3 130.9





#49
Acenaphthylene
Concen: 45.437 ng
RT: 14.469 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

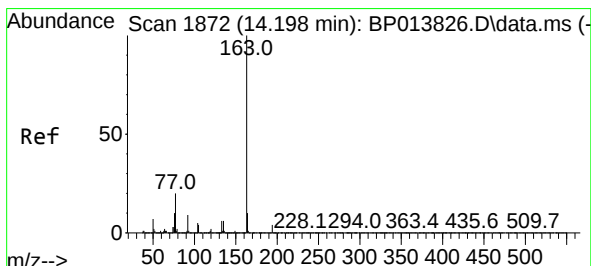
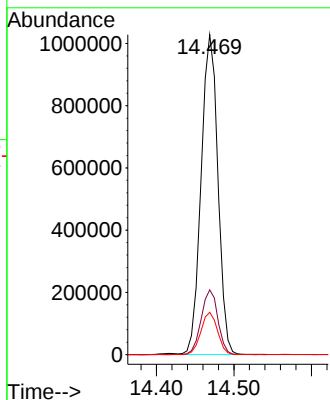
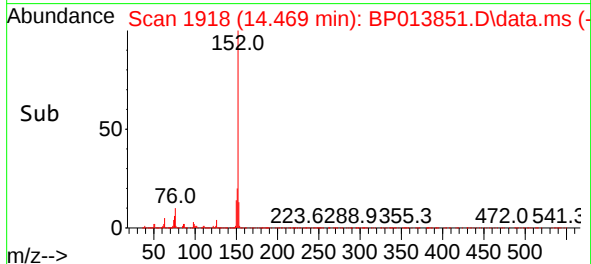
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



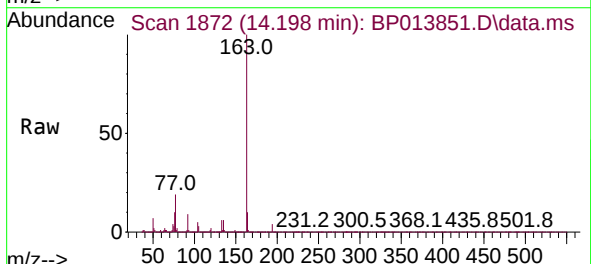
Tgt Ion:152 Resp: 1541637
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.2 10.7 16.1

Manual Integrations
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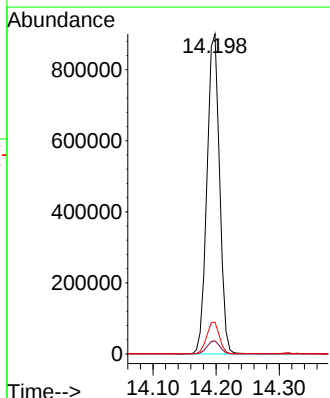
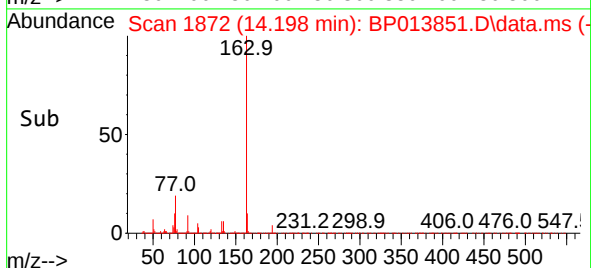
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023

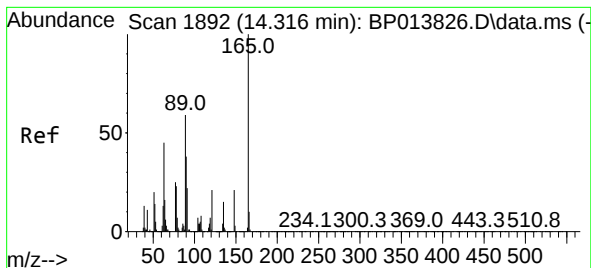


#50
Dimethylphthalate
Concen: 43.773 ng
RT: 14.198 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32



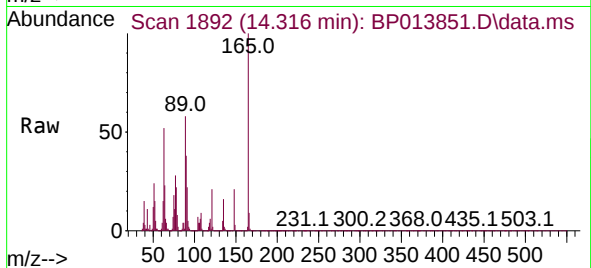
Tgt Ion:163 Resp: 1245052
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 43.654 ng
RT: 14.316 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

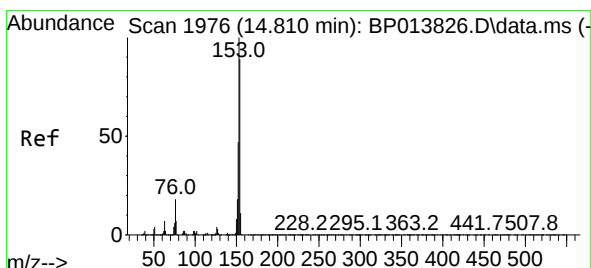
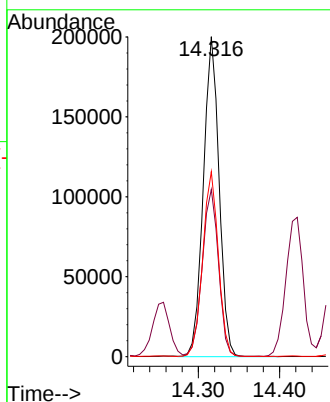
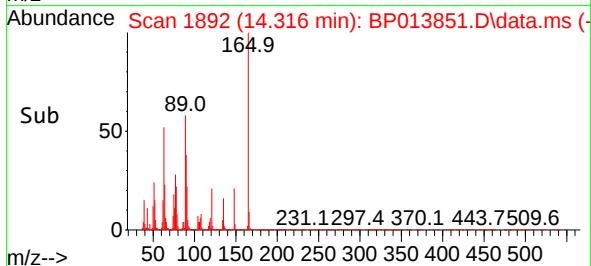
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion:165 Resp: 270292
Ion Ratio Lower Upper
165 100
63 52.2 42.6 63.8
89 57.8 47.1 70.7

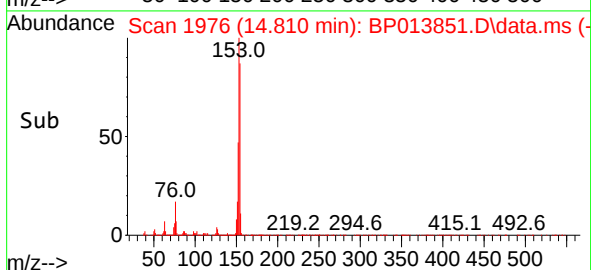
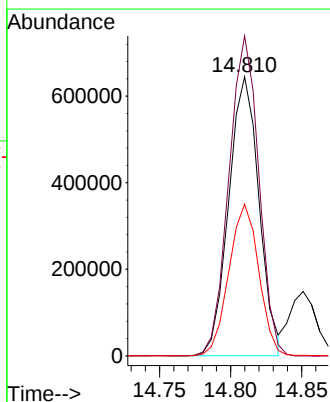
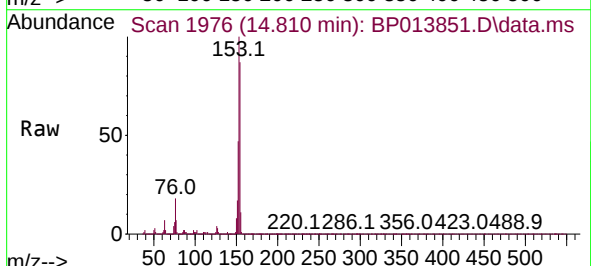
Manual Integrations
APPROVED

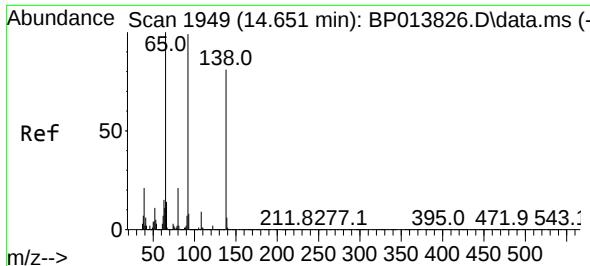
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#52
Acenaphthene
Concen: 46.319 ng
RT: 14.810 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

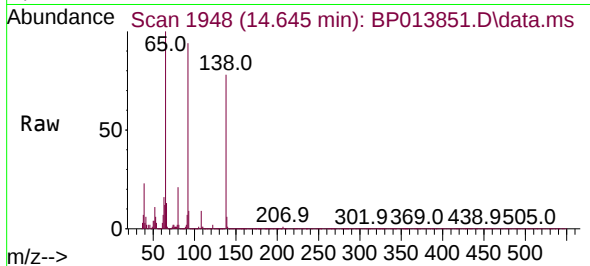
Tgt Ion:154 Resp: 956321
Ion Ratio Lower Upper
154 100
153 114.6 90.4 135.6
152 54.4 42.6 64.0





#53
3-Nitroaniline
Concen: 30.299 ng
RT: 14.645 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

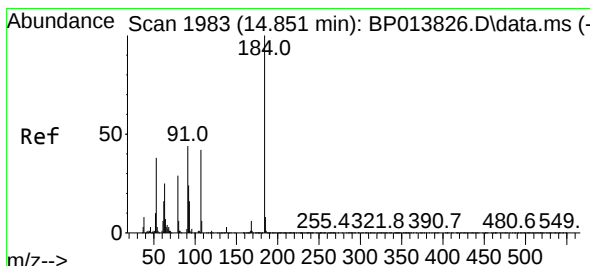
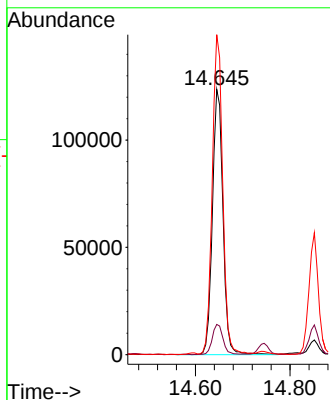
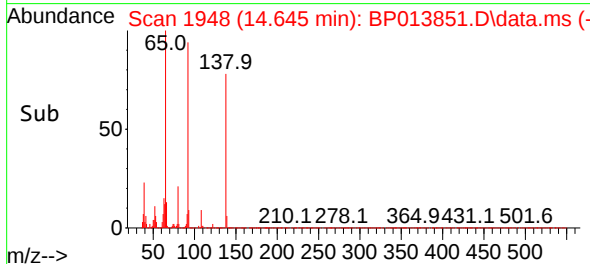
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion:138 Resp: 191062
Ion Ratio Lower Upper
138 100
108 11.4 9.0 13.4
92 120.7 97.1 145.7

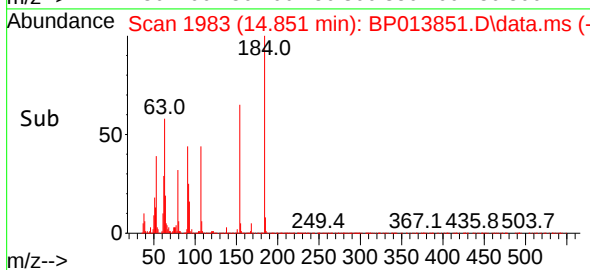
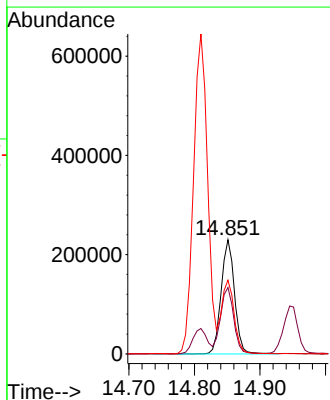
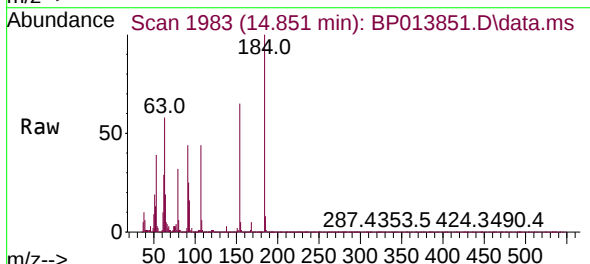
Manual Integrations
APPROVED

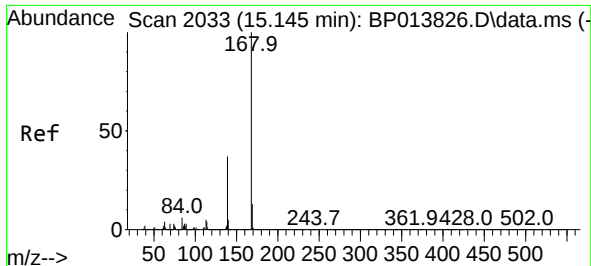
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#54
2,4-Dinitrophenol
Concen: 79.769 ng
RT: 14.851 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

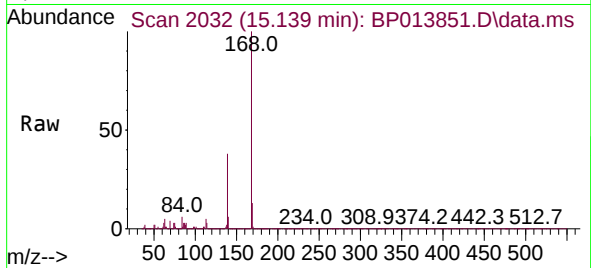
Tgt Ion:184 Resp: 326068
Ion Ratio Lower Upper
184 100
63 58.1 47.0 70.4
154 64.6 51.5 77.3





#55
Dibenzofuran
Concen: 45.884 ng
RT: 15.139 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

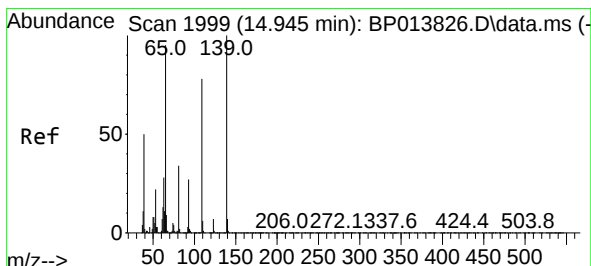
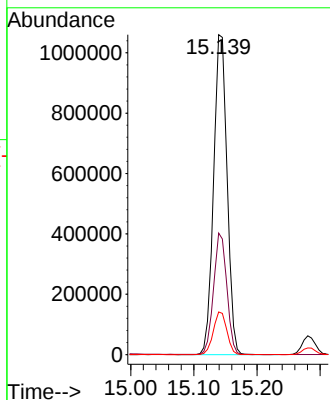
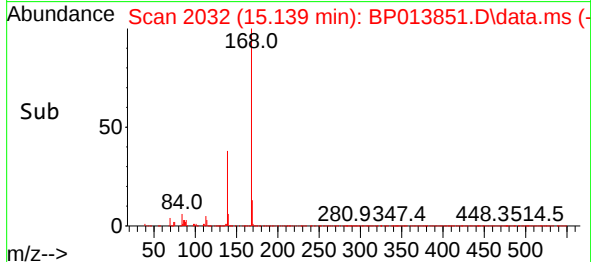
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion:168 Resp: 1576274
Ion Ratio Lower Upper
168 100
139 38.0 29.8 44.8
169 13.3 10.8 16.2

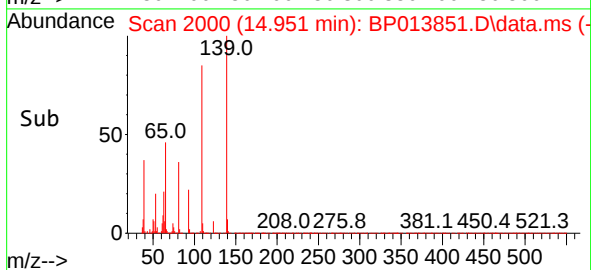
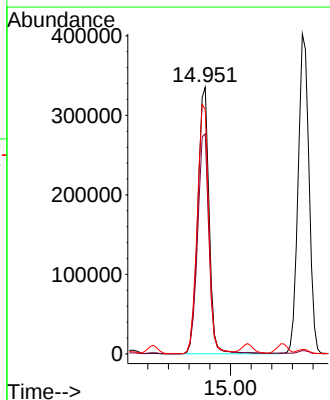
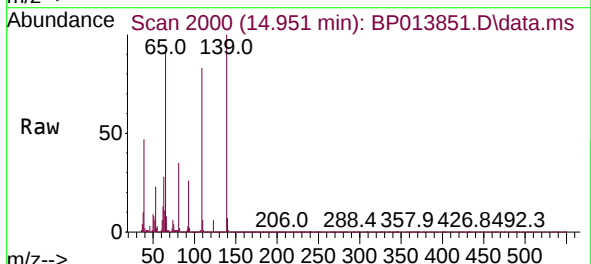
Manual Integrations
APPROVED

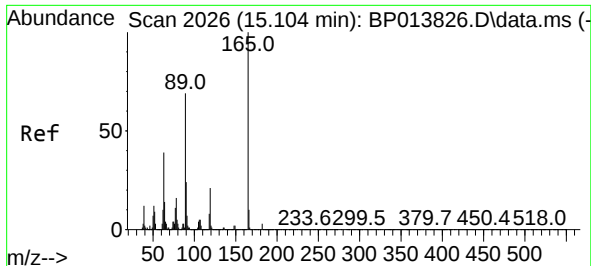
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#56
4-Nitrophenol
Concen: 100.627 ng
RT: 14.951 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

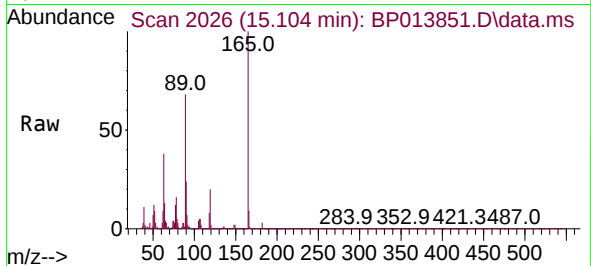
Tgt Ion:139 Resp: 511615
Ion Ratio Lower Upper
139 100
109 82.6 58.2 98.2
65 91.7 74.9 114.9





#57
2,4-Dinitrotoluene
Concen: 47.153 ng
RT: 15.104 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

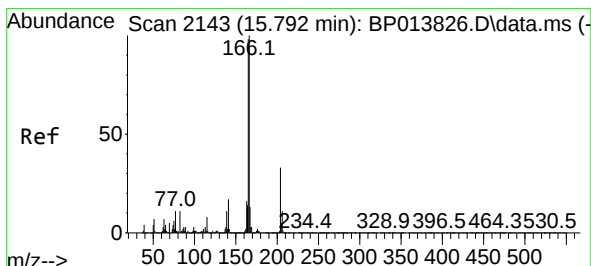
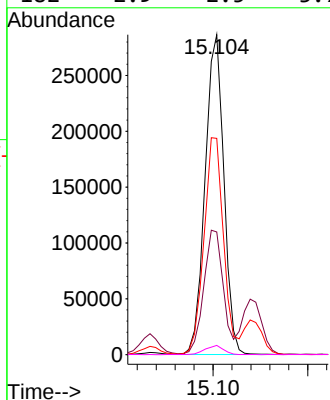
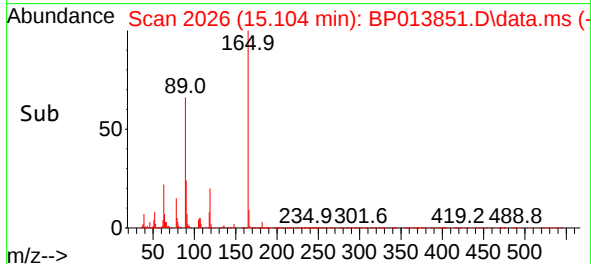
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



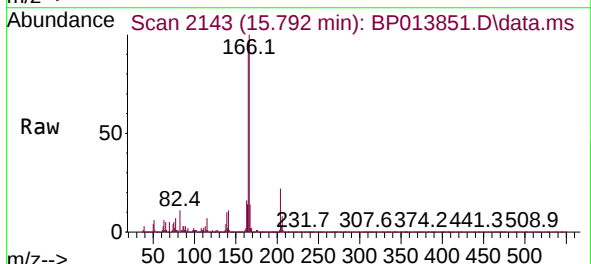
Tgt Ion:165 Resp: 394249
Ion Ratio Lower Upper
165 100
63 38.3 31.1 46.7
89 67.6 54.9 82.3
182 2.9 2.5 3.7

Manual Integrations
APPROVED

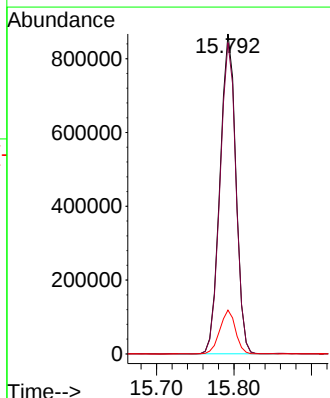
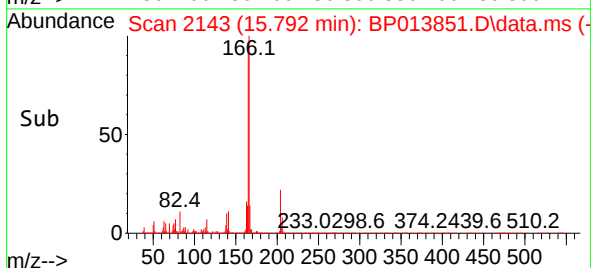
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023

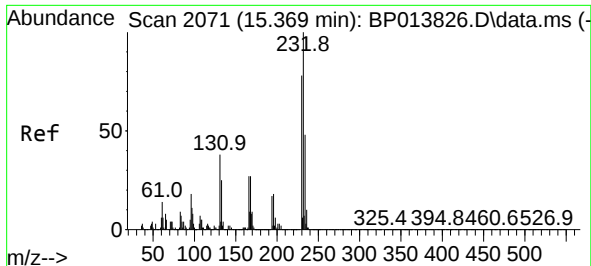


#58
Fluorene
Concen: 45.846 ng
RT: 15.792 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32



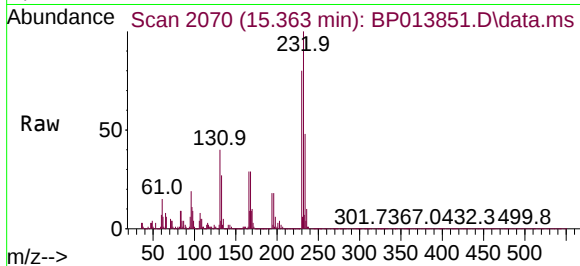
Tgt Ion:166 Resp: 1234932
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.438 ng
RT: 15.363 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

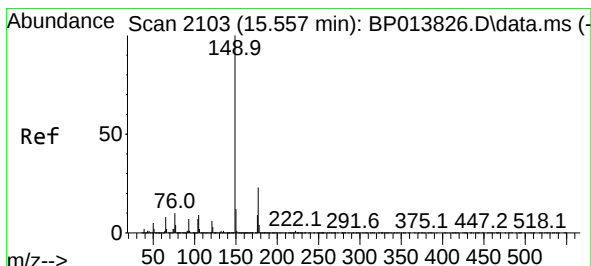
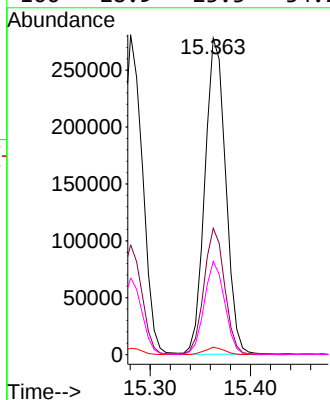
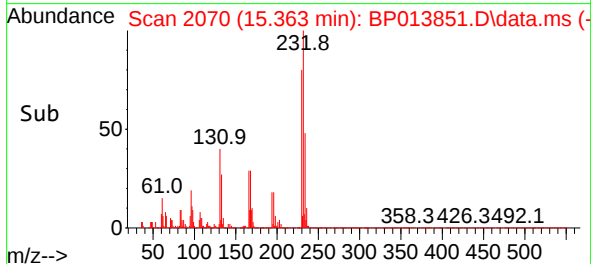
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion:232 Resp: 398896
Ion Ratio Lower Upper
232 100
131 39.6 31.7 47.5
130 2.2 1.7 2.5
166 28.9 23.3 34.9

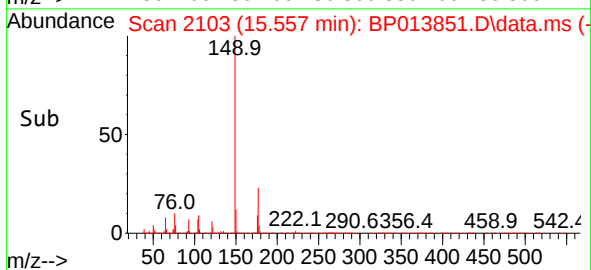
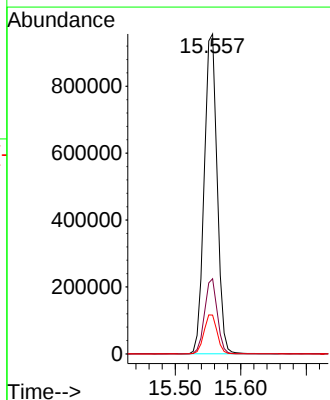
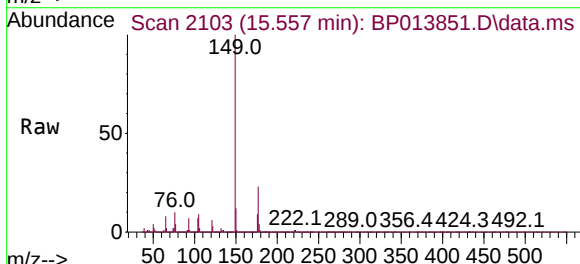
Manual Integrations
APPROVED

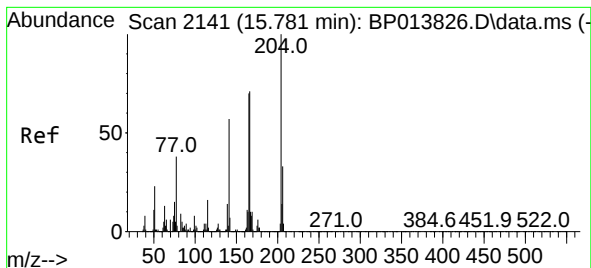
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#60
Diethylphthalate
Concen: 46.998 ng
RT: 15.557 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Tgt Ion:149 Resp: 1303544
Ion Ratio Lower Upper
149 100
177 23.5 18.4 27.6
150 12.1 9.8 14.8





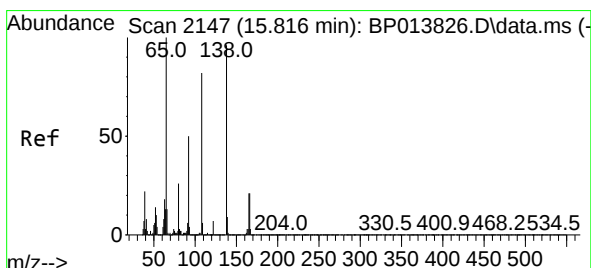
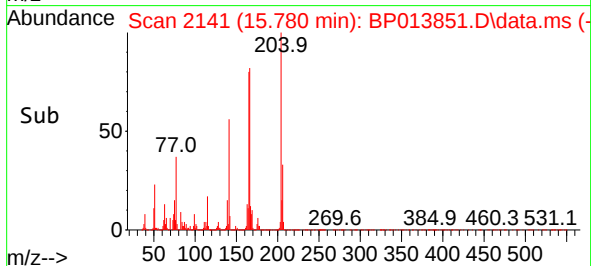
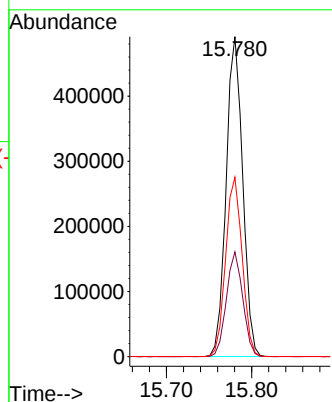
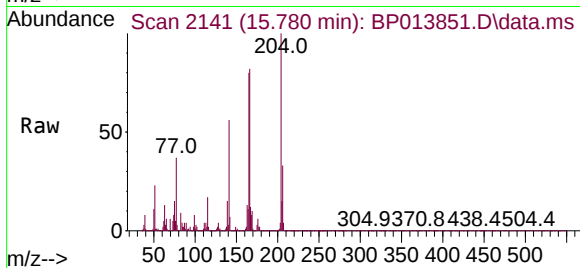
#61
4-Chlorophenyl-phenylether
Concen: 45.310 ng
RT: 15.780 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Instrument :
BNA_P
ClientSampleId :
MH-CMSD

Tgt Ion:204 Resp: 661283
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 56.0 45.3 67.9

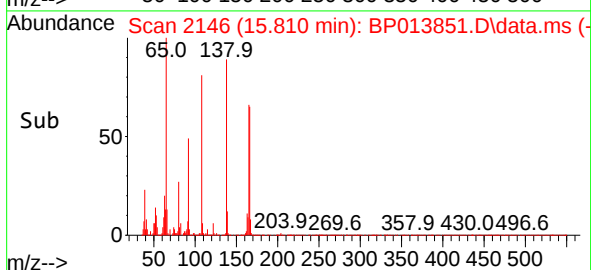
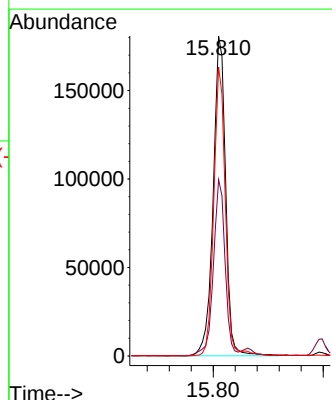
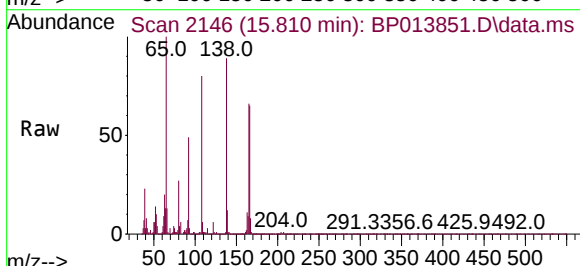
Manual Integrations
APPROVED

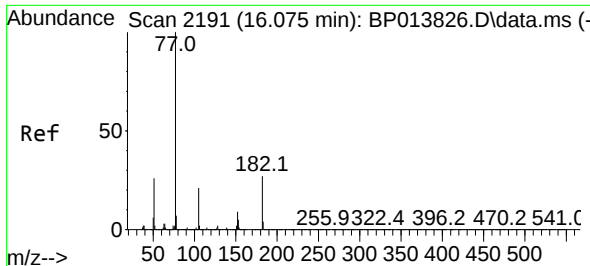
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#62
4-Nitroaniline
Concen: 42.891 ng
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

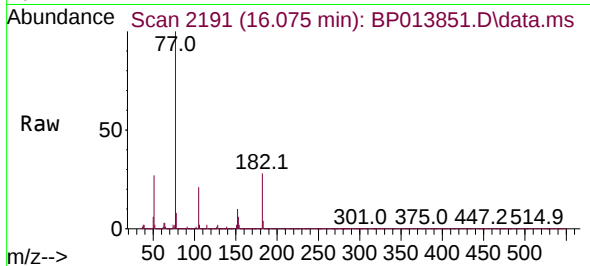
Tgt Ion:138 Resp: 283612
Ion Ratio Lower Upper
138 100
92 55.1 32.0 72.0
108 90.3 65.6 105.6





#63
Azobenzene
Concen: 47.395 ng
RT: 16.075 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

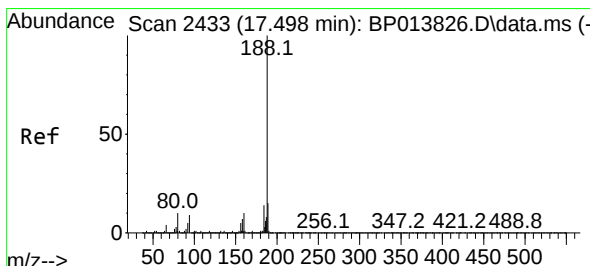
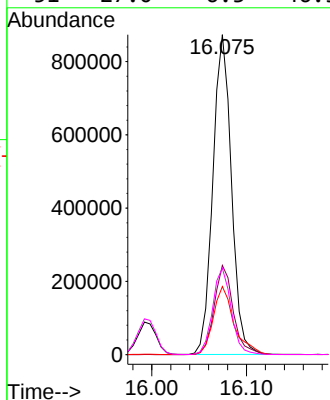
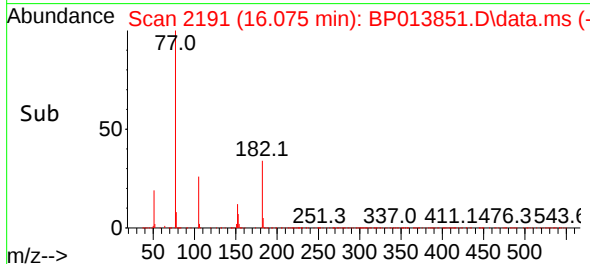
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion: 77 Resp: 118931
Ion Ratio Lower Upper
77 100
182 27.9 6.9 46.9
105 21.3 1.1 41.1
51 27.0 6.3 46.3

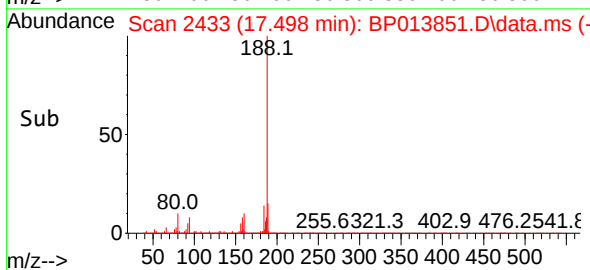
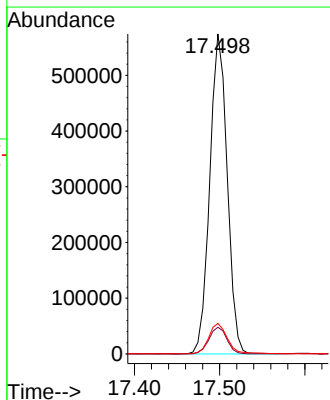
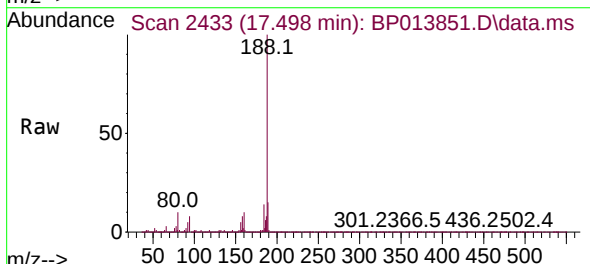
Manual Integrations
APPROVED

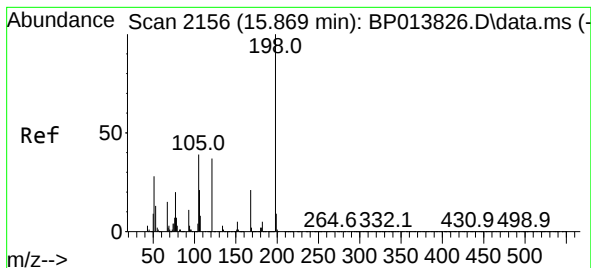
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Tgt Ion:188 Resp: 814933
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.5 7.8 11.8





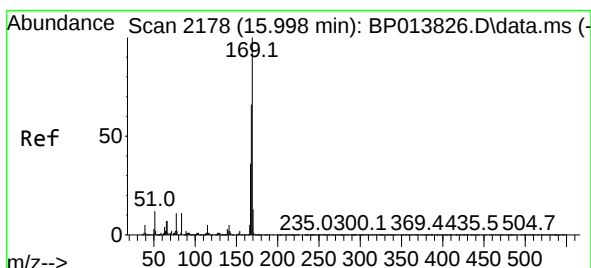
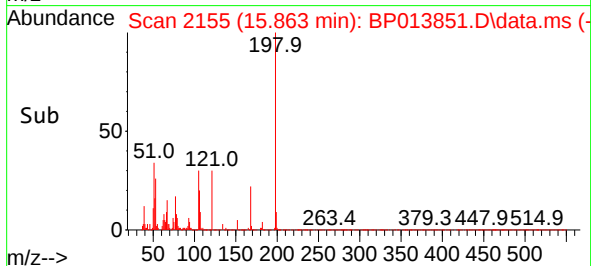
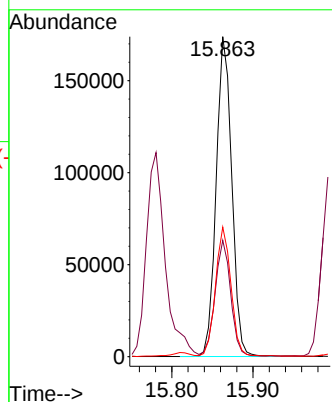
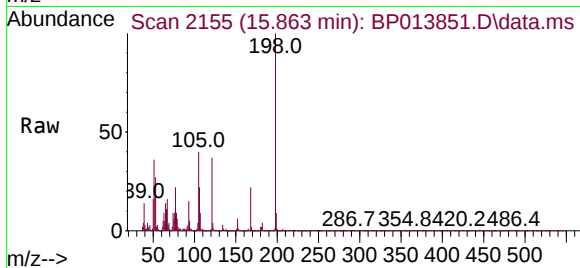
#65
4,6-Dinitro-2-methylphenol
Concen: 41.094 ng
RT: 15.863 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Instrument :
BNA_P
ClientSampleId :
MH-CMSD

Tgt Ion:198 Resp: 231951
Ion Ratio Lower Upper
198 100
51 36.3 14.3 54.3
105 40.5 20.5 60.5

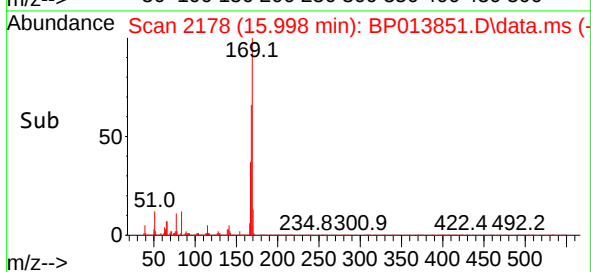
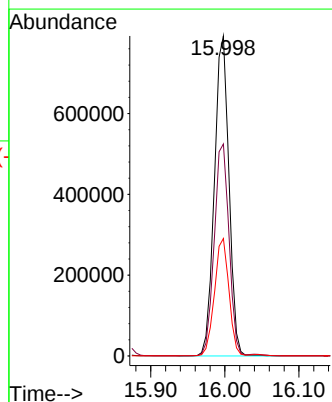
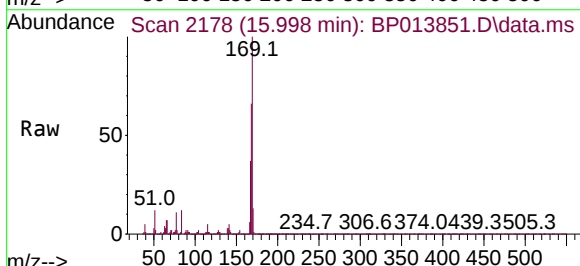
Manual Integrations
APPROVED

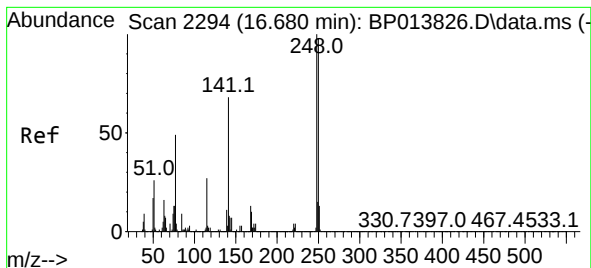
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#66
n-Nitrosodiphenylamine
Concen: 43.708 ng
RT: 15.998 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

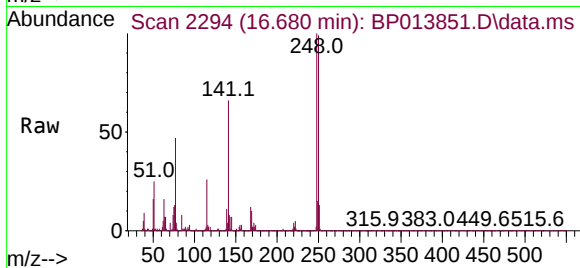
Tgt Ion:169 Resp: 1078891
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 36.7 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 45.859 ng
RT: 16.680 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

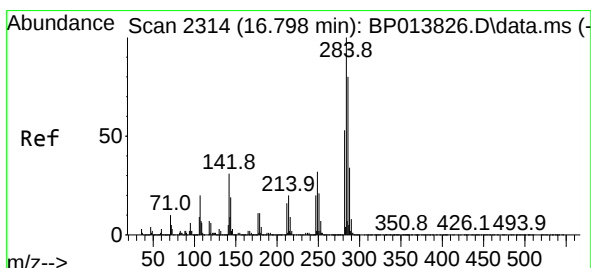
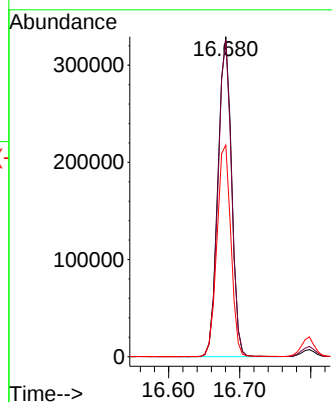
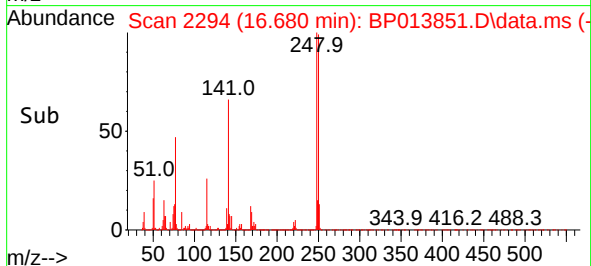
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion:248 Resp: 441108
Ion Ratio Lower Upper
248 100
250 99.0 78.1 117.1
141 66.1 54.3 81.5

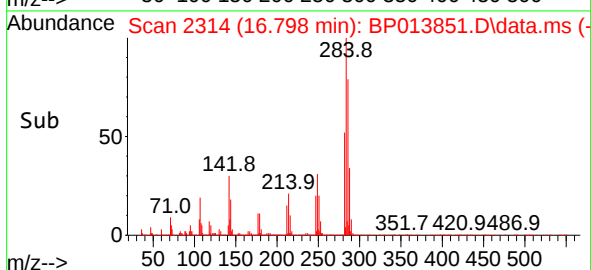
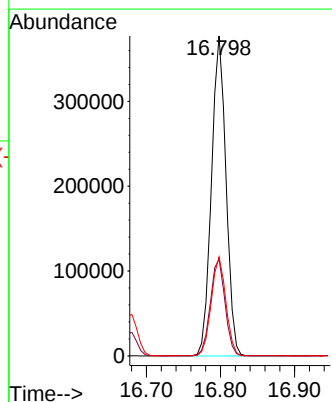
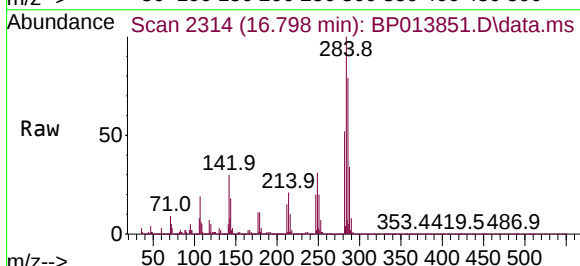
Manual Integrations
APPROVED

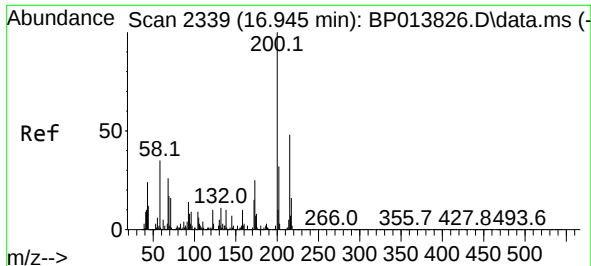
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#68
Hexachlorobenzene
Concen: 48.933 ng
RT: 16.798 min Scan# 2314
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

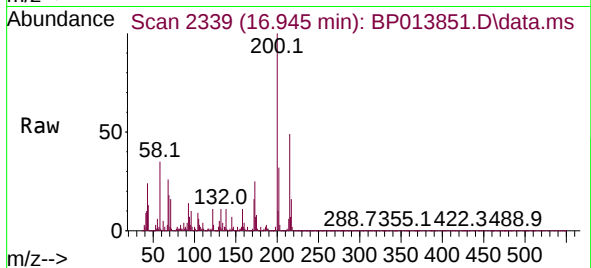
Tgt Ion:284 Resp: 513789
Ion Ratio Lower Upper
284 100
142 30.2 24.8 37.2
249 30.9 25.8 38.6





#69
Atrazine
Concen: 52.446 ng
RT: 16.945 min Scan# 2339
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

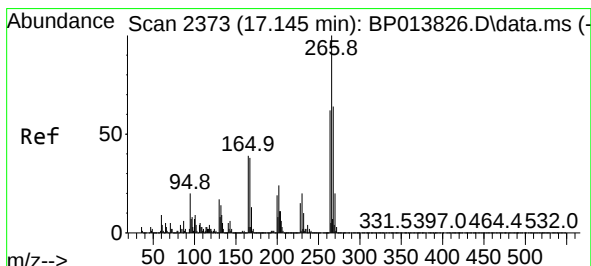
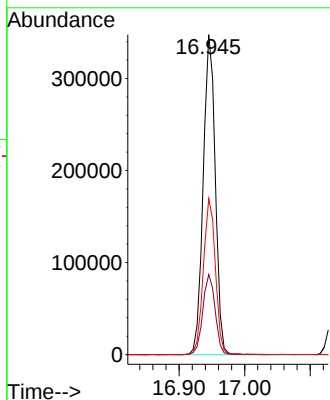
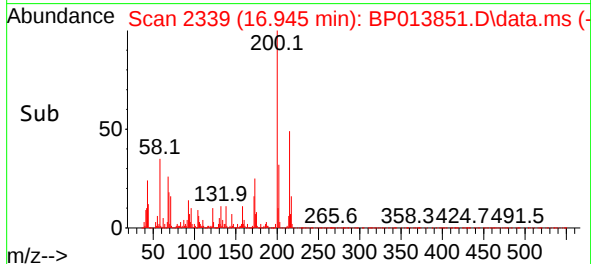
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



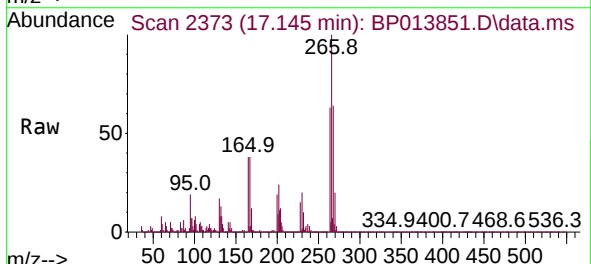
Tgt Ion:200 Resp: 441383
Ion Ratio Lower Upper
200 100
173 25.0 5.2 45.2
215 48.7 28.4 68.4

Manual Integrations
APPROVED

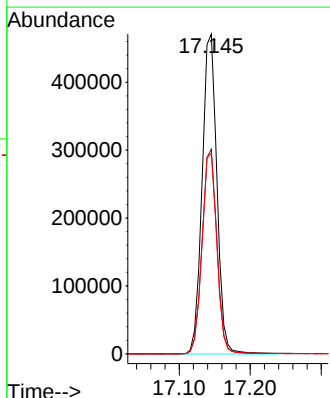
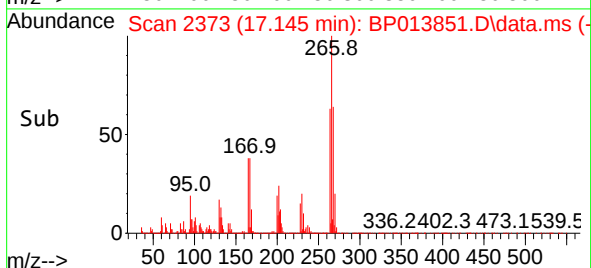
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023

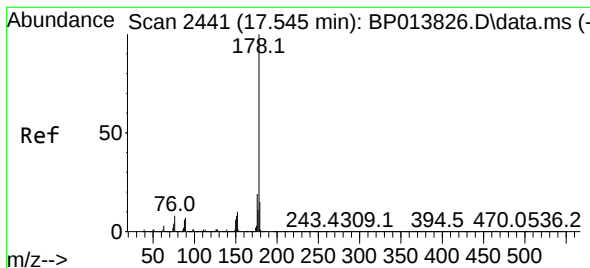


#70
Pentachlorophenol
Concen: 87.469 ng
RT: 17.145 min Scan# 2373
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32



Tgt Ion:266 Resp: 677111
Ion Ratio Lower Upper
266 100
268 64.0 50.9 76.3
264 62.8 49.4 74.0





#71

Phenanthrene

Concen: 46.463 ng

RT: 17.545 min Scan# 2441

Delta R.T. -0.000 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

Instrument :

BNA_P

ClientSampleId :

MH-CMSD

Tgt Ion:178 Resp: 2121235

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

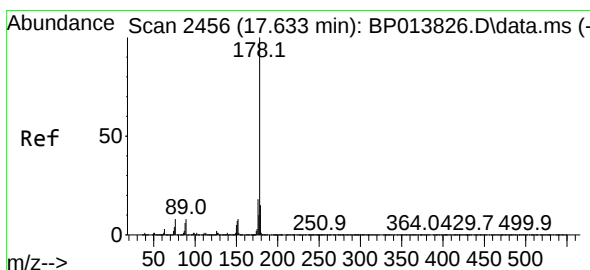
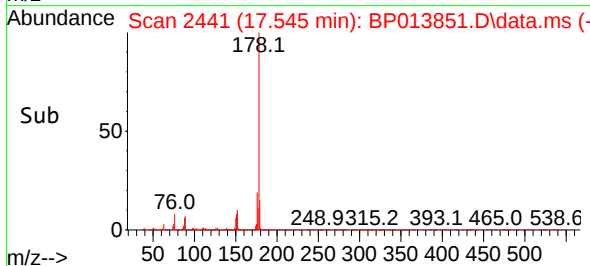
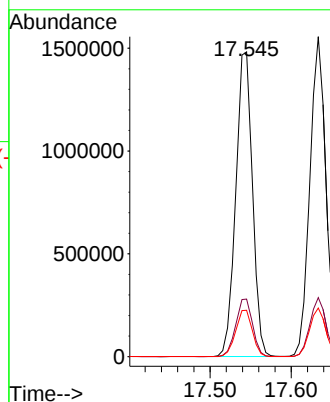
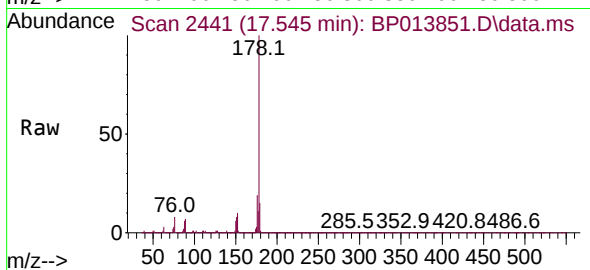
179 15.2 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/20/2023

Supervised By :Jagrut Upadhyay 02/20/2023



#72

Anthracene

Concen: 46.604 ng

RT: 17.633 min Scan# 2456

Delta R.T. -0.000 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

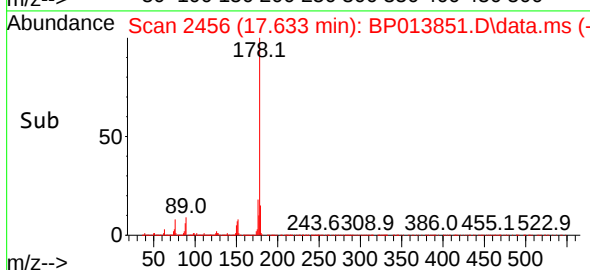
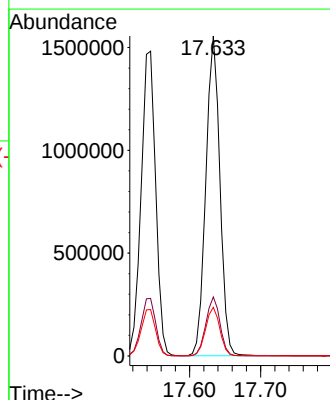
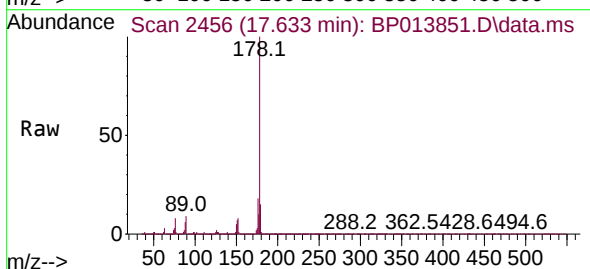
Tgt Ion:178 Resp: 2127435

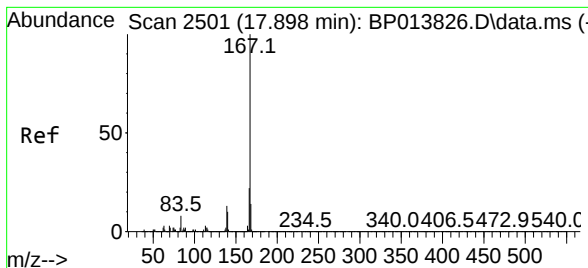
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

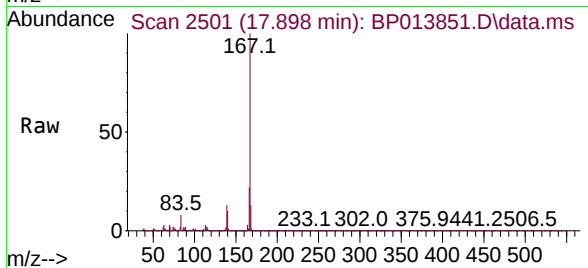
179 15.2 12.4 18.6





#73
 Carbazole
 Concen: 47.916 ng
 RT: 17.898 min Scan# 2501
 Delta R.T. -0.000 min
 Lab File: BP013851.D
 Acq: 17 Feb 2023 18:32

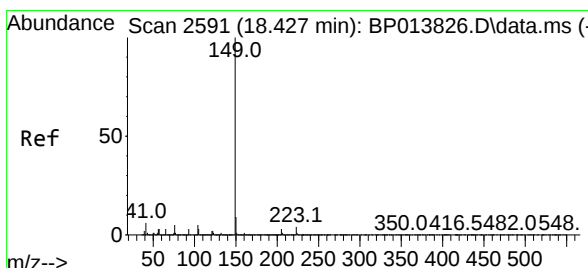
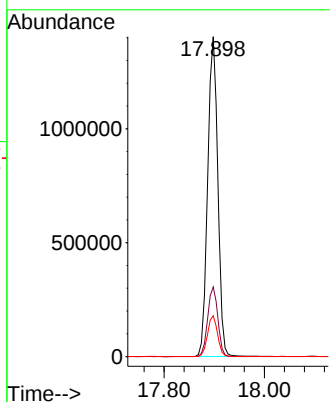
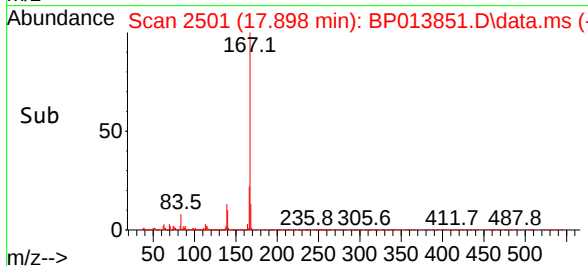
Instrument :
 BNA_P
 ClientSampleId :
 MH-CMSD



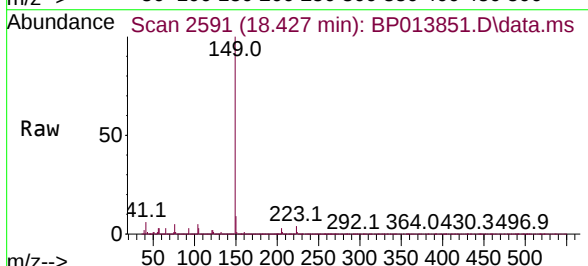
Tgt Ion:167 Resp: 1969201
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 12.8 10.2 15.2

Manual Integrations
 APPROVED

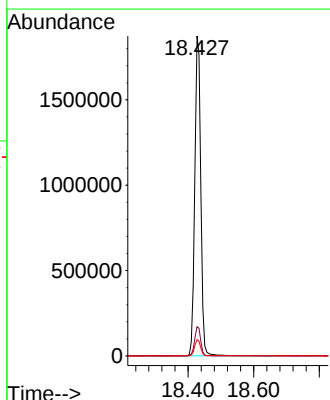
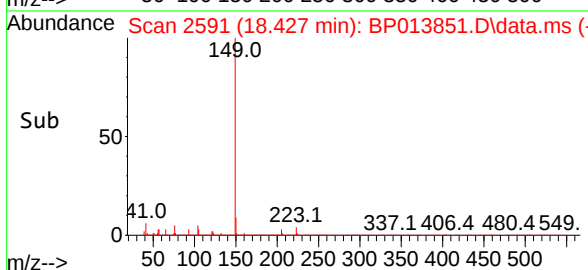
Reviewed By :Yogesh Patel 02/20/2023
 Supervised By :Jagrut Upadhyay 02/20/2023

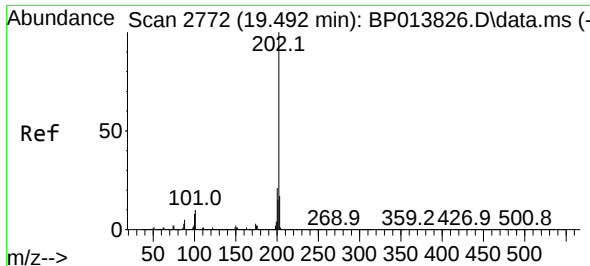


#74
 Di-n-butylphthalate
 Concen: 49.360 ng
 RT: 18.427 min Scan# 2591
 Delta R.T. -0.000 min
 Lab File: BP013851.D
 Acq: 17 Feb 2023 18:32



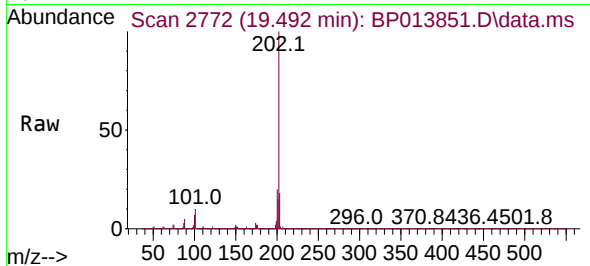
Tgt Ion:149 Resp: 2376720
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 46.867 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

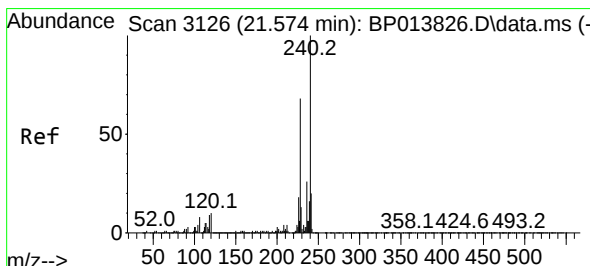
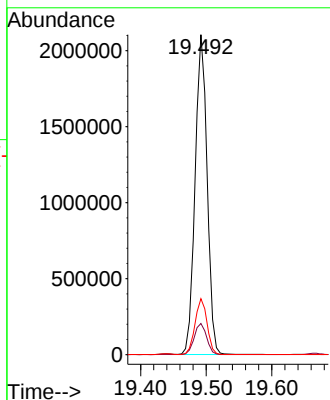
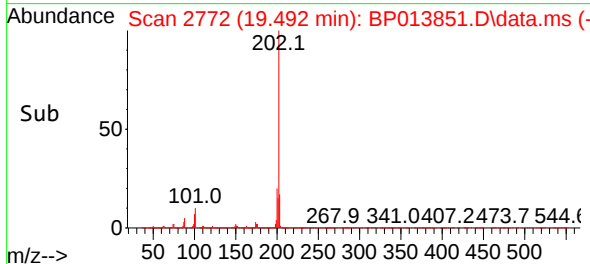
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion:202 Resp: 266735
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.0
203 17.5 0.0 37.5

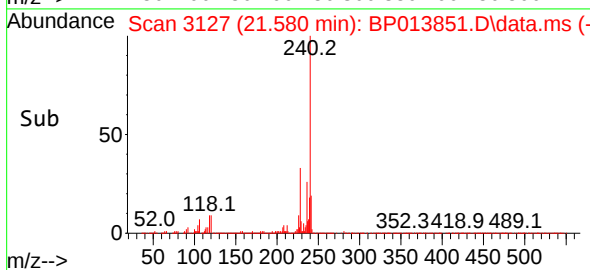
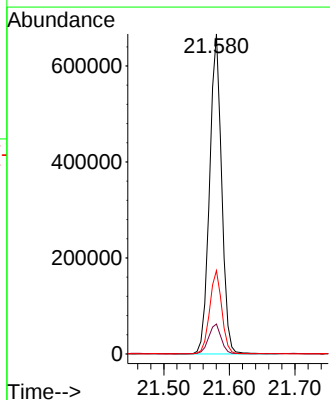
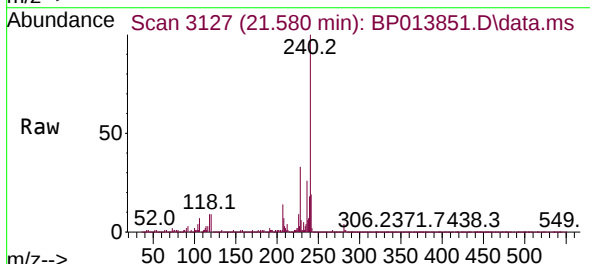
Manual Integrations
APPROVED

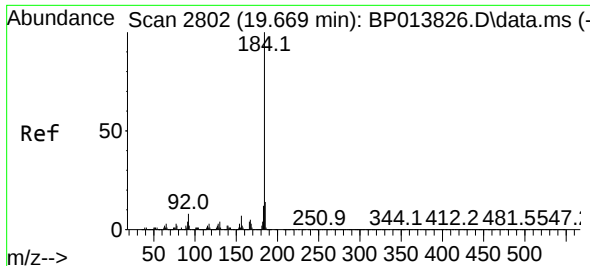
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Tgt Ion:240 Resp: 850273
Ion Ratio Lower Upper
240 100
120 9.3 7.9 11.9
236 26.0 20.9 31.3





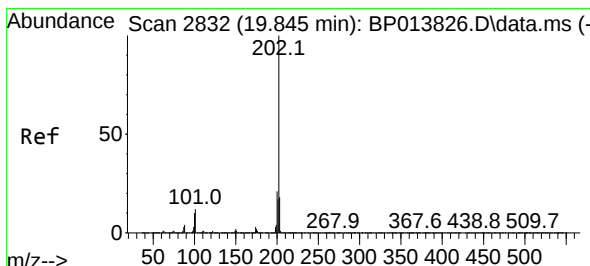
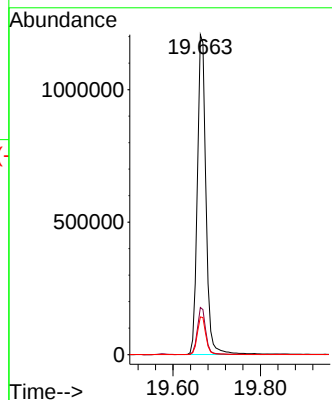
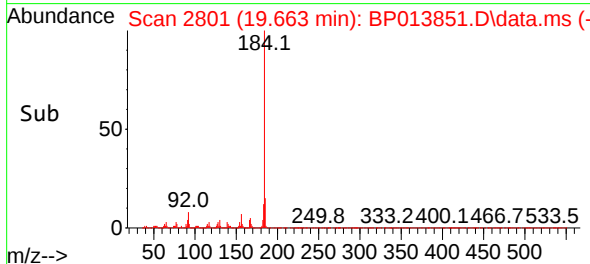
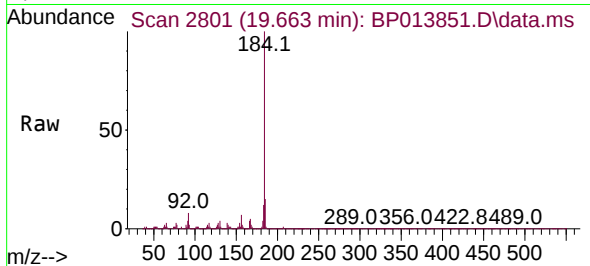
#77
Benzidine
Concen: 93.057 ng
RT: 19.663 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Instrument :
BNA_P
ClientSampleId :
MH-CMSD

Tgt Ion:184 Resp: 1656084
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.0
183 11.8 9.6 14.4

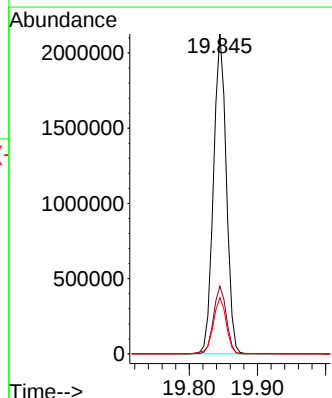
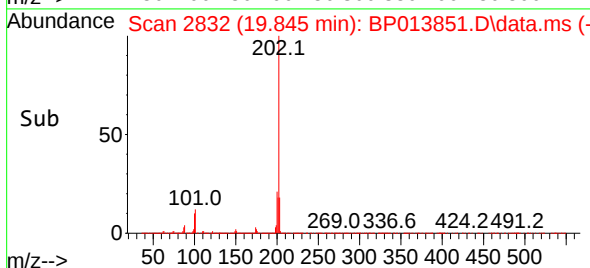
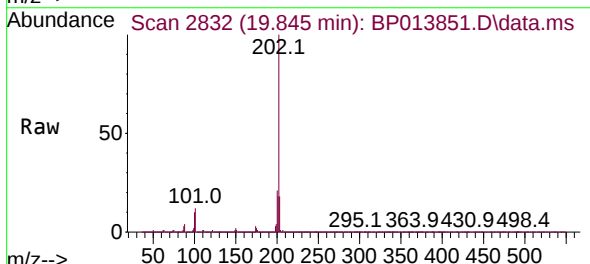
Manual Integrations
APPROVED

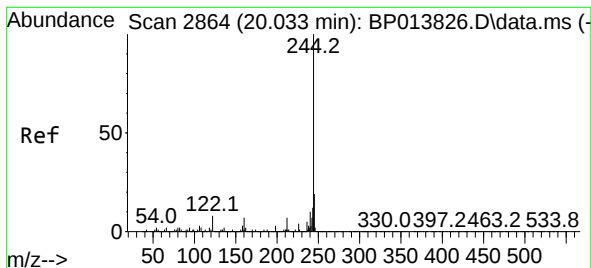
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#78
Pyrene
Concen: 47.675 ng
RT: 19.845 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Tgt Ion:202 Resp: 2770147
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 70.562 ng

RT: 20.033 min Scan# 2864

Delta R.T. -0.000 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

Instrument :

BNA_P

ClientSampleId :

MH-CMSD

Tgt Ion:244 Resp: 3118365

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

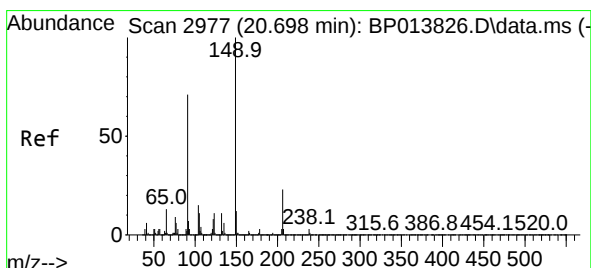
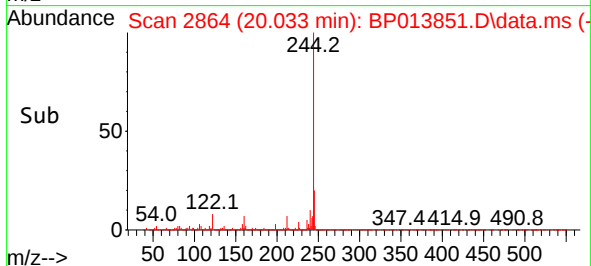
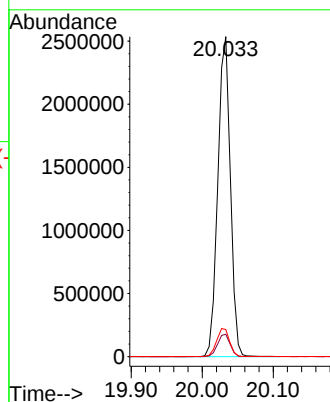
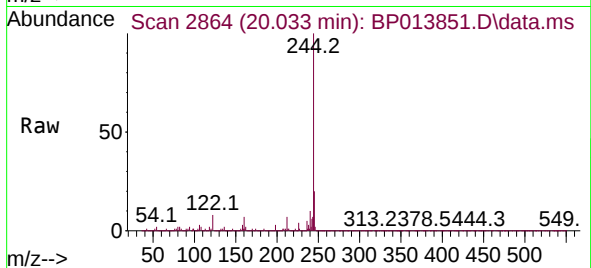
122 8.5 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/20/2023

Supervised By :Jagrut Upadhyay 02/20/2023



#80

Butylbenzylphthalate

Concen: 50.892 ng

RT: 20.698 min Scan# 2977

Delta R.T. -0.000 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

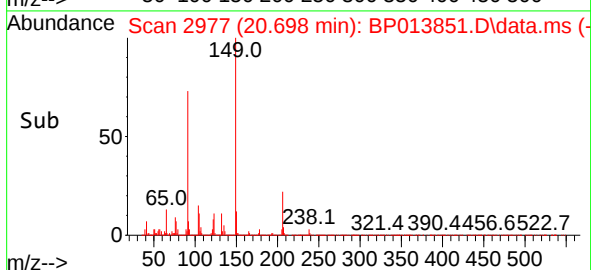
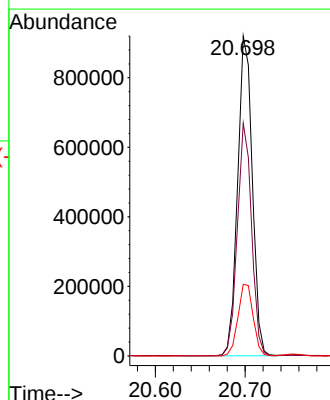
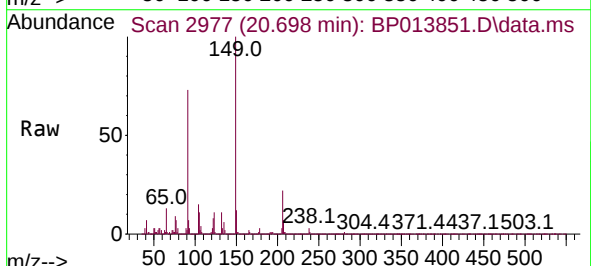
Tgt Ion:149 Resp: 1051008

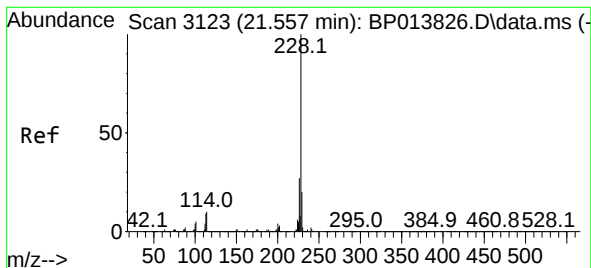
Ion Ratio Lower Upper

149 100

91 72.7 56.8 85.2

206 22.4 18.1 27.1





#81

Benzo(a)anthracene

Concen: 46.585 ng

RT: 21.562 min Scan# 3112

Delta R.T. 0.006 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

Instrument :

BNA_P

ClientSampleId :

MH-CMSD

Tgt Ion:228 Resp: 283641

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

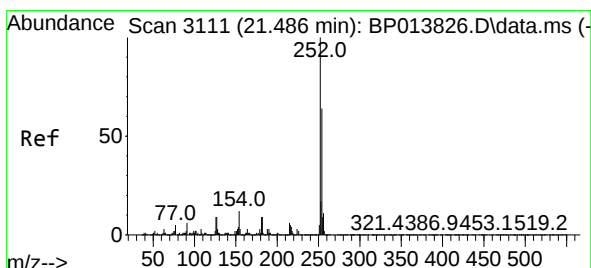
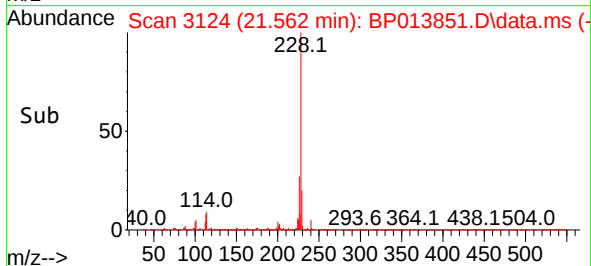
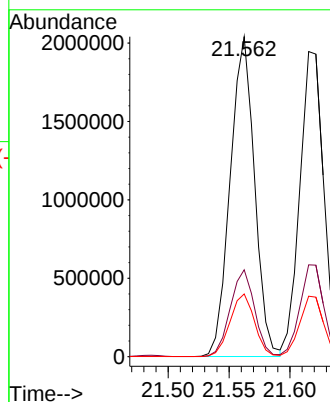
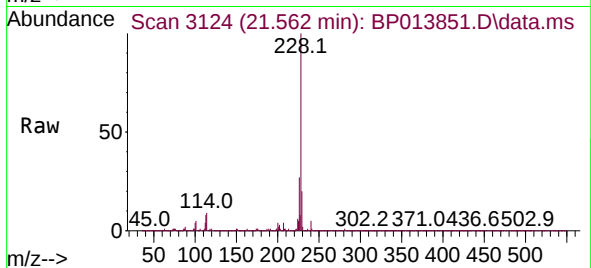
229 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/20/2023

Supervised By :Jagrut Upadhyay 02/20/2023



#82

3,3'-Dichlorobenzidine

Concen: 32.298 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

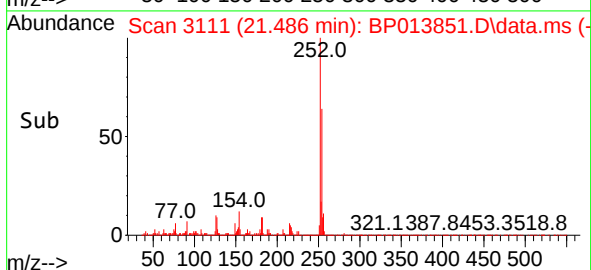
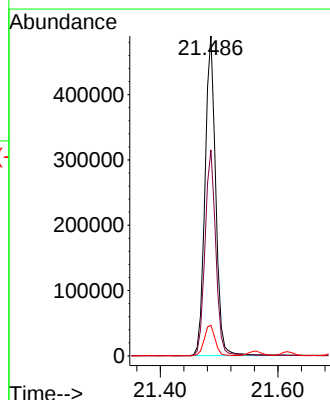
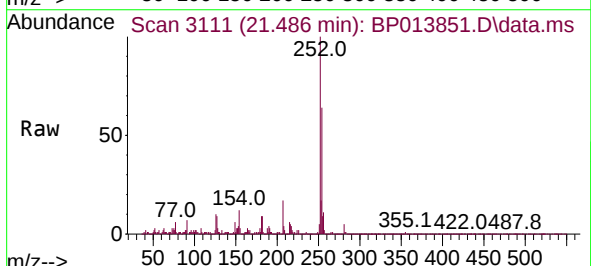
Tgt Ion:252 Resp: 618690

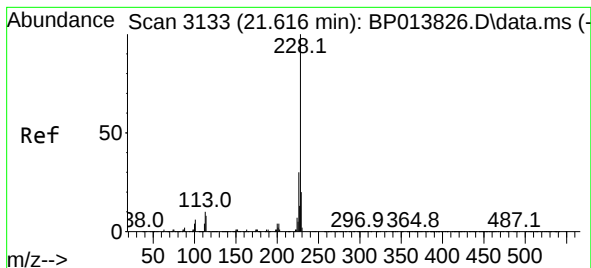
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.0

126 9.6 7.4 11.0





#83

Chrysene

Concen: 44.970 ng

RT: 21.615 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

Instrument :

BNA_P

ClientSampleId :

MH-CMSD

Tgt Ion:228 Resp: 2652514

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

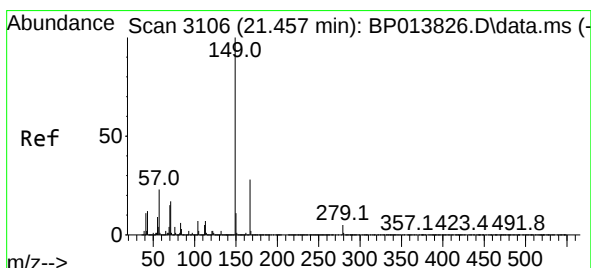
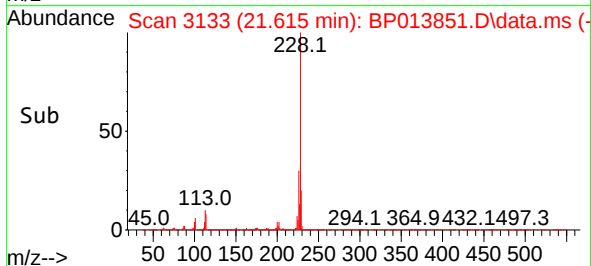
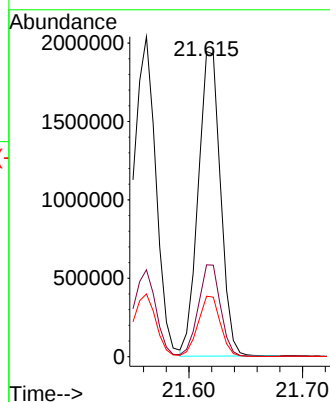
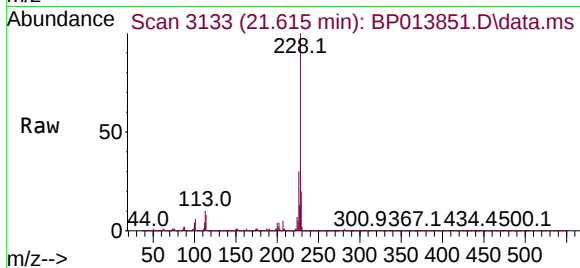
229 19.8 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/20/2023

Supervised By :Jagrut Upadhyay 02/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.166 ng

RT: 21.457 min Scan# 3106

Delta R.T. -0.000 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

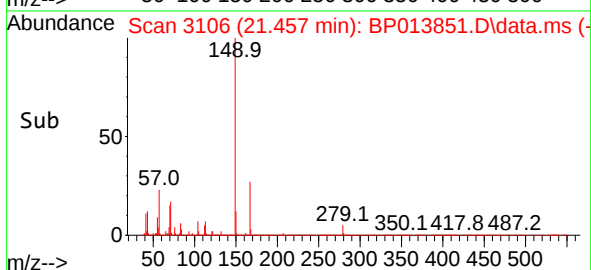
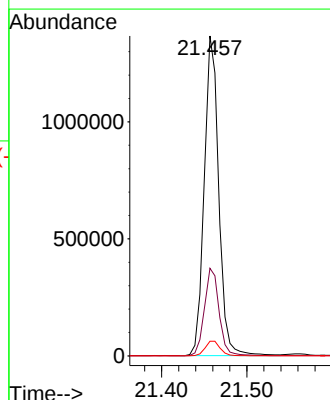
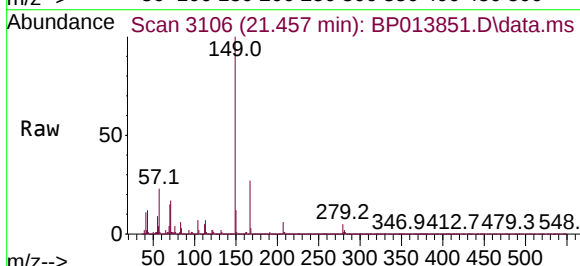
Tgt Ion:149 Resp: 1615228

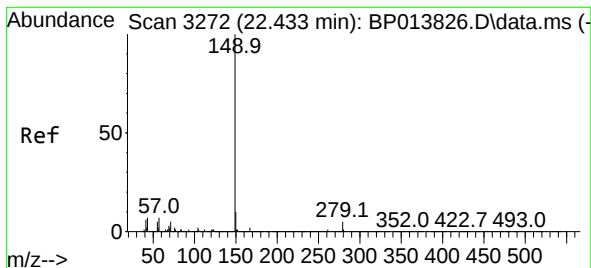
Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

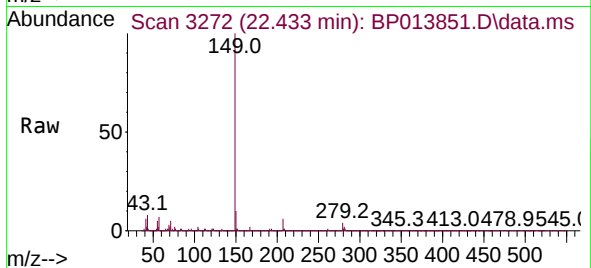
279 4.6 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 48.666 ng
RT: 22.433 min Scan# 3272
Delta R.T. 0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

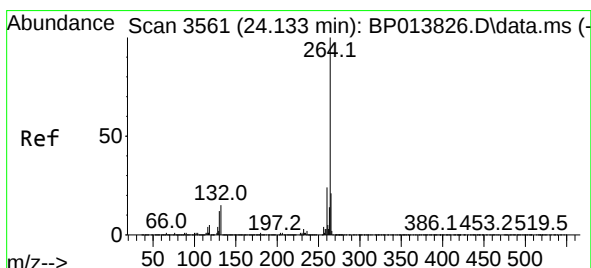
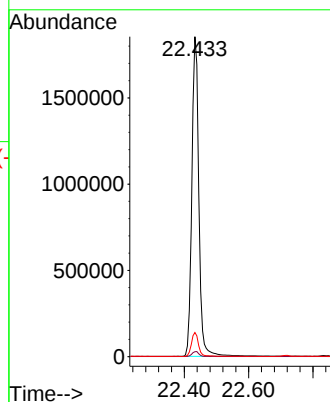
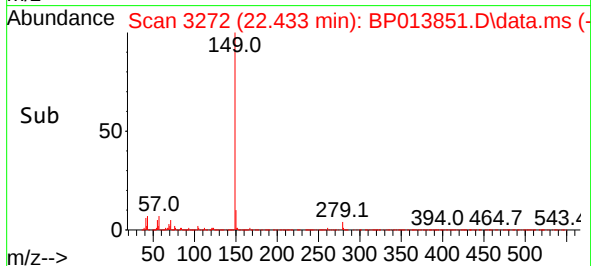
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion:149 Resp: 2792119
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 6.1 9.1

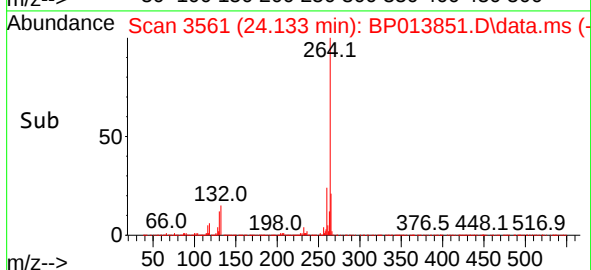
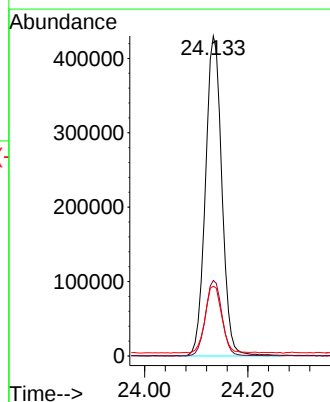
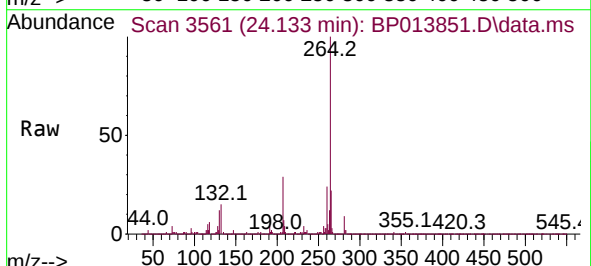
Manual Integrations
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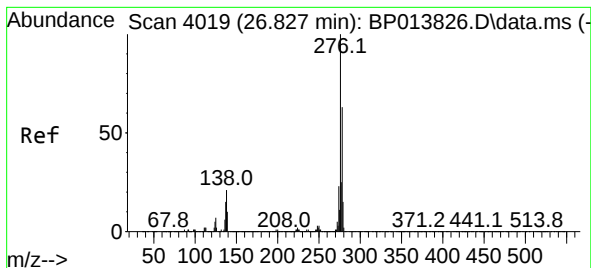
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.133 min Scan# 3561
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Tgt Ion:264 Resp: 949136
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.0
265 21.8 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.550 ng

RT: 26.833 min Scan# 4019

Delta R.T. 0.006 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

Instrument :

BNA_P

ClientSampleId :

MH-CMSD

Tgt Ion:276 Resp: 3510826

Ion Ratio Lower Upper

276 100

138 21.7 17.8 26.8

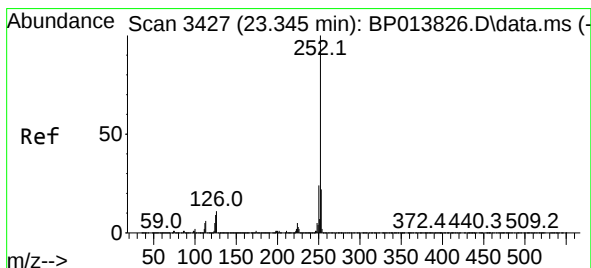
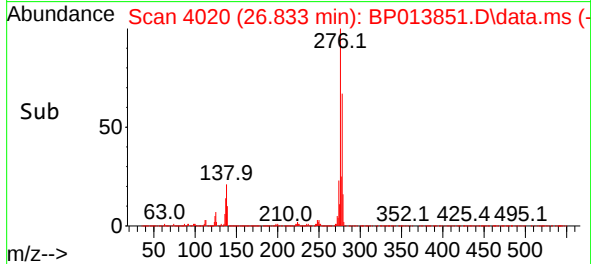
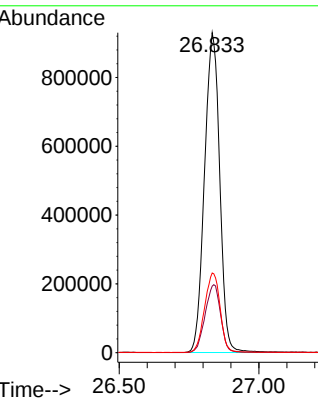
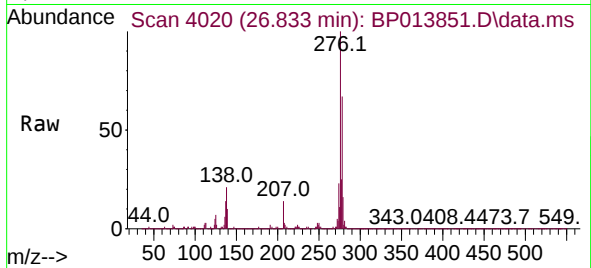
277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/20/2023

Supervised By :Jagrut Upadhyay 02/20/2023



#88

Benzo(b)fluoranthene

Concen: 49.976 ng

RT: 23.351 min Scan# 3428

Delta R.T. 0.006 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

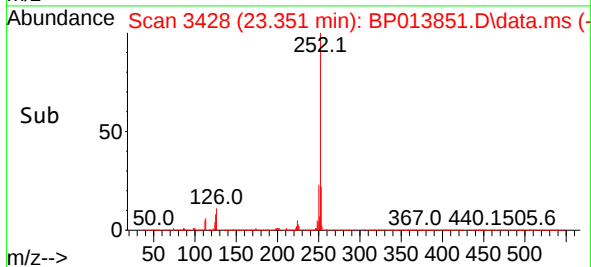
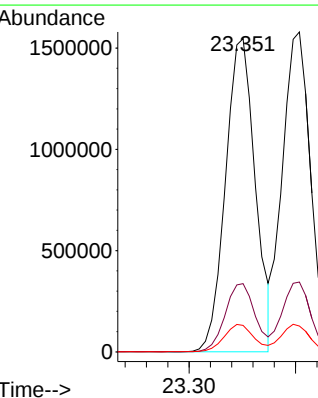
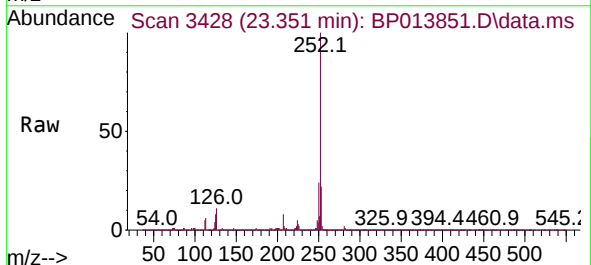
Tgt Ion:252 Resp: 2999941

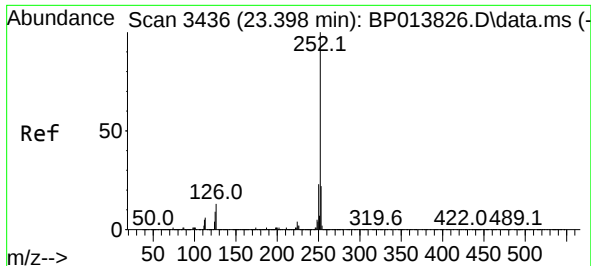
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

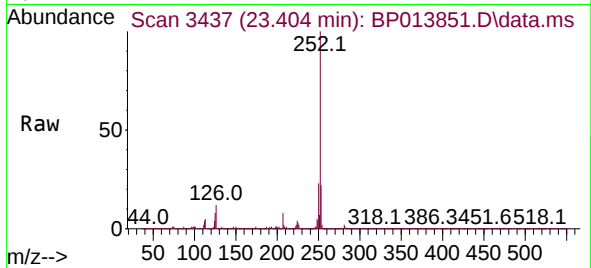
125 8.5 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 47.871 ng
RT: 23.404 min Scan# 3436
Delta R.T. 0.006 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

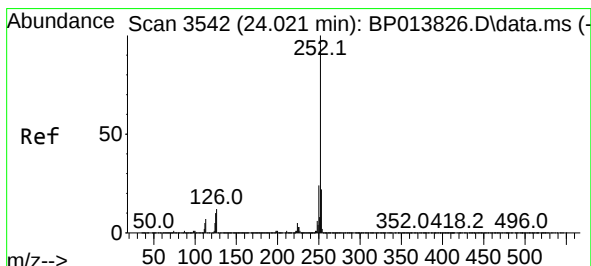
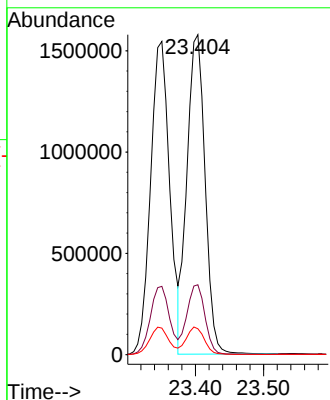
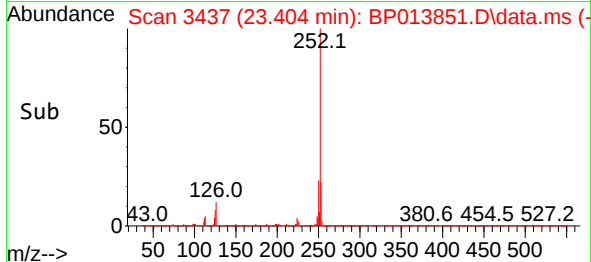
Instrument :
BNA_P
ClientSampleId :
MH-CMSD



Tgt Ion:252 Resp: 291696
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.1 7.0 10.4

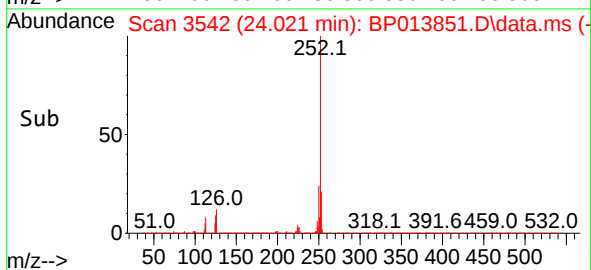
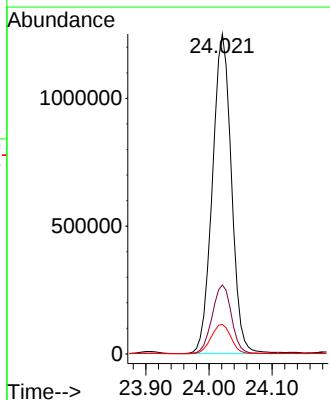
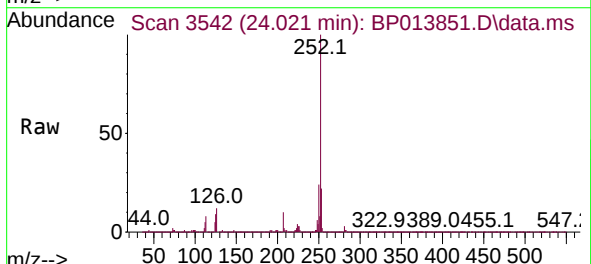
Manual Integrations
APPROVED

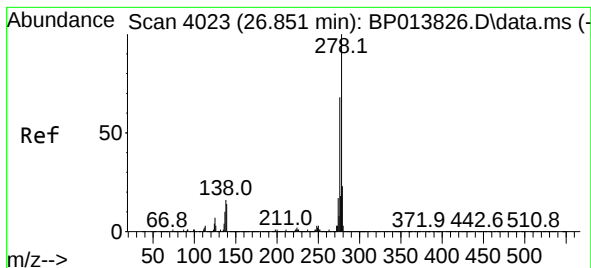
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023



#90
Benzo(a)pyrene
Concen: 45.097 ng
RT: 24.021 min Scan# 3542
Delta R.T. -0.000 min
Lab File: BP013851.D
Acq: 17 Feb 2023 18:32

Tgt Ion:252 Resp: 2617124
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.2 7.7 11.5





#91

Dibenzo(a,h)anthracene

Concen: 46.853 ng

RT: 26.850 min Scan# 4023

Delta R.T. -0.000 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

Instrument :

BNA_P

ClientSampleId :

MH-CMSD

Tgt Ion:278 Resp: 2898409

Ion Ratio Lower Upper

278 100

139 14.0 11.0 16.6

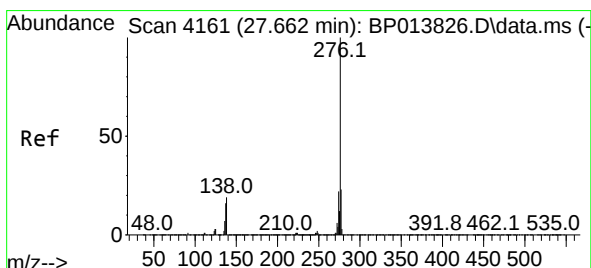
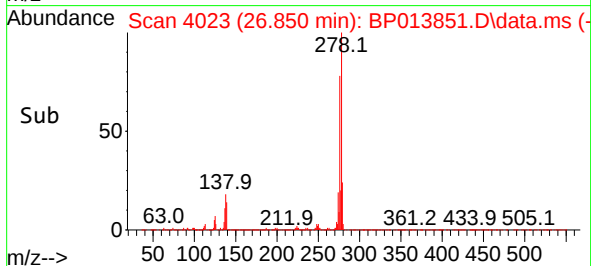
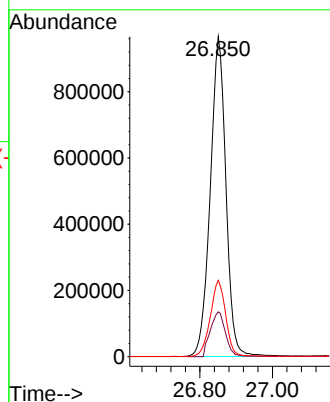
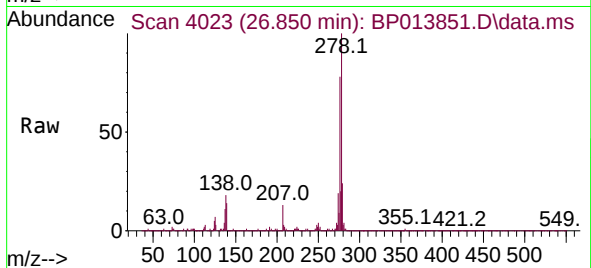
279 23.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/20/2023

Supervised By :Jagrut Upadhyay 02/20/2023



#92

Benzo(g,h,i)perylene

Concen: 47.284 ng

RT: 27.668 min Scan# 4162

Delta R.T. 0.006 min

Lab File: BP013851.D

Acq: 17 Feb 2023 18:32

Tgt Ion:276 Resp: 2892382

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 19.3 15.5 23.3

