

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011723\
 Data File : BP013495.D
 Acq On : 17 Jan 2023 14:23
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/18/2023
 Supervised By : Jagrut Upadhyay 01/18/2023

Quant Time: Jan 18 03:15:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 13 03:32:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	521811	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	2159987	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1461907	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	3281890	20.000	ng	0.00
76) Chrysene-d12	21.404	240	2831813	20.000	ng	0.00
86) Perylene-d12	23.863	264	2506283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	2499779	84.152	ng	0.00
7) Phenol-d6	7.069	99	3502355	83.410	ng	0.00
23) Nitrobenzene-d5	9.075	82	3425613	84.258	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1881491	82.450	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	8409786	84.094	ng	0.00
79) Terphenyl-d14	19.863	244	11921926	86.070	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	502073	43.102	ng	99
3) Pyridine	3.740	79	1554547m	42.808	ng	
4) n-Nitrosodimethylamine	3.652	42	759106	43.592	ng	99
6) Aniline	7.228	93	2319691	41.342	ng	100
8) 2-Chlorophenol	7.464	128	1414773	41.153	ng	99
9) Benzaldehyde	7.040	77	988678	39.006	ng	99
10) Phenol	7.093	94	1820566	42.006	ng	100
11) bis(2-Chloroethyl)ether	7.328	93	1456529	41.458	ng	100
12) 1,3-Dichlorobenzene	7.787	146	1515554	41.844	ng	99
13) 1,4-Dichlorobenzene	7.940	146	1535693	41.603	ng	99
14) 1,2-Dichlorobenzene	8.258	146	1492607	41.390	ng	99
15) Benzyl Alcohol	8.146	79	1330052	41.109	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	2297832	42.275	ng	99
17) 2-Methylphenol	8.352	107	1321837	41.199	ng	99
18) Hexachloroethane	8.981	117	539130	41.242	ng	96
19) n-Nitroso-di-n-propyla...	8.716	70	1260103	42.045	ng	99
20) 3+4-Methylphenols	8.681	107	1848472	41.468	ng	99
22) Acetophenone	8.734	105	2308188	41.727	ng	99
24) Nitrobenzene	9.116	77	1758454	41.814	ng	99
25) Isophorone	9.646	82	3453295	41.264	ng	100
26) 2-Nitrophenol	9.828	139	859962	41.368	ng	99
27) 2,4-Dimethylphenol	9.887	122	1432154	41.848	ng	100
28) bis(2-Chloroethoxy)met...	10.122	93	2056373	41.663	ng	100
29) 2,4-Dichlorophenol	10.363	162	1500525	41.785	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	1592576	41.905	ng	99
31) Naphthalene	10.763	128	4723308	41.353	ng	100
32) Benzoic acid	10.046	122	1214650	42.554	ng	99
33) 4-Chloroaniline	10.881	127	2151956	41.244	ng	100
34) Hexachlorobutadiene	11.040	225	1016727	42.440	ng	99
35) Caprolactam	11.693	113	511349	39.963	ng	98
36) 4-Chloro-3-methylphenol	12.004	107	1632949	41.729	ng	100
37) 2-Methylnaphthalene	12.375	142	3564232	41.566	ng	99
38) 1-Methylnaphthalene	12.593	142	3358740	41.521	ng	100
40) 1,2,4,5-Tetrachloroben...	12.740	216	2010633	41.961	ng	100
41) Hexachlorocyclopentadiene	12.716	237	1107510	44.327	ng	100
43) 2,4,6-Trichlorophenol	12.981	196	1378113	41.829	ng	99

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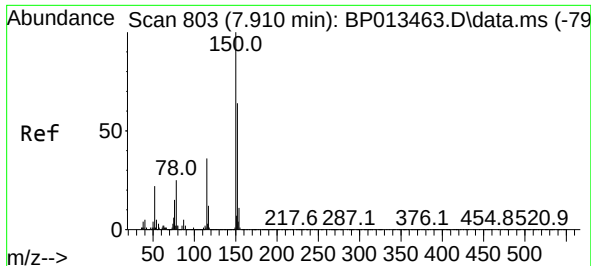
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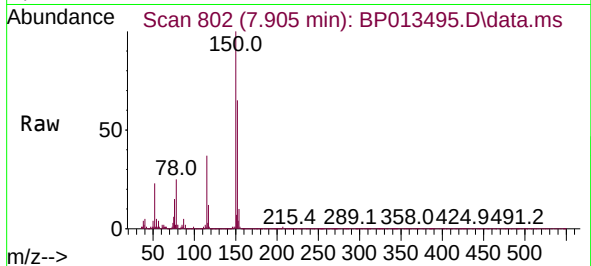
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	1623130	41.985	ng	99
46) 1,1'-Biphenyl	13.381	154	4560588	41.262	ng	99
47) 2-Chloronaphthalene	13.428	162	3470792	40.943	ng	100
48) 2-Nitroaniline	13.634	65	1156418	41.445	ng	94
49) Acenaphthylene	14.275	152	5732972	41.010	ng	100
50) Dimethylphthalate	14.010	163	4745065	40.933	ng	100
51) 2,6-Dinitrotoluene	14.134	165	1045367	41.338	ng	98
52) Acenaphthene	14.616	154	3410409	41.218	ng	99
53) 3-Nitroaniline	14.463	138	1111153	41.070	ng	96
54) 2,4-Dinitrophenol	14.675	184	713772	41.539	ng	98
55) Dibenzofuran	14.951	168	5653260	41.209	ng	99
56) 4-Nitrophenol	14.775	139	895957	41.216	ng	99
57) 2,4-Dinitrotoluene	14.928	165	1432789	41.433	ng	100
58) Fluorene	15.604	166	4523745	41.787	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.181	232	1396301	41.768	ng	100
60) Diethylphthalate	15.375	149	4650824	40.999	ng	99
61) 4-Chlorophenyl-phenylether	15.593	204	2428290	42.237	ng	99
62) 4-Nitroaniline	15.634	138	1145053	41.339	ng	98
63) Azobenzene	15.887	77	4363571	41.893	ng	99
65) 4,6-Dinitro-2-methylph...	15.693	198	961424	42.836	ng	99
66) n-Nitrosodiphenylamine	15.816	169	4041923	41.913	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	1590401	42.096	ng	100
68) Hexachlorobenzene	16.610	284	1700915	41.343	ng	99
69) Atrazine	16.769	200	1456411	41.235	ng	99
70) Pentachlorophenol	16.957	266	1306803	43.339	ng	99
71) Phenanthrene	17.357	178	7189197	41.517	ng	99
72) Anthracene	17.445	178	7317229	41.527	ng	100
73) Carbazole	17.722	167	6544638	40.780	ng	99
74) Di-n-butylphthalate	18.257	149	7905938	42.441	ng	100
75) Fluoranthene	19.322	202	8595899	41.326	ng	100
77) Benzidine	19.498	184	3544918	42.129	ng	100
78) Pyrene	19.675	202	8783440	47.159	ng	99
80) Butylbenzylphthalate	20.539	149	3425839	42.551	ng	98
81) Benzo(a)anthracene	21.386	228	8159928	42.788	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	2794999	39.227	ng	99
83) Chrysene	21.439	228	7650856	42.460	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	4725833	40.562	ng	100
85) Di-n-octyl phthalate	22.239	149	7128904	36.043	ng	99
87) Indeno(1,2,3-cd)pyrene	26.433	276	6619012	36.519	ng	99
88) Benzo(b)fluoranthene	23.110	252	6714002	45.118	ng	100
89) Benzo(k)fluoranthene	23.157	252	6832076	47.301	ng	99
90) Benzo(a)pyrene	23.757	252	6221494	42.557	ng	100
91) Dibenzo(a,h)anthracene	26.445	278	5534683	36.675	ng	99
92) Benzo(g,h,i)perylene	27.227	276	5368125	36.051	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

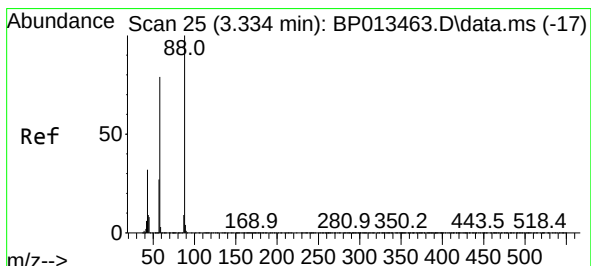
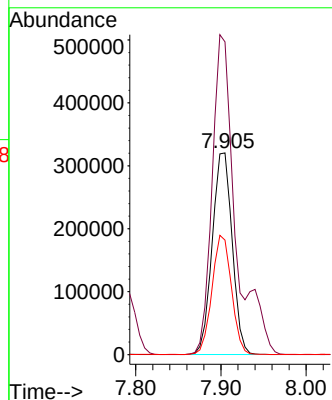
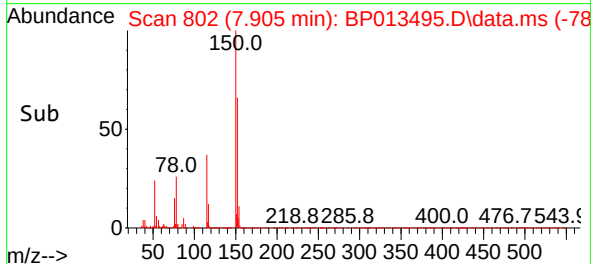
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



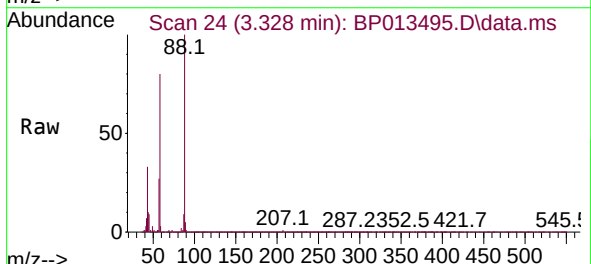
Tgt Ion:152 Resp: 52181
Ion Ratio Lower Upper
152 100
150 155.0 125.7 188.5
115 56.8 45.8 68.8

Manual Integrations
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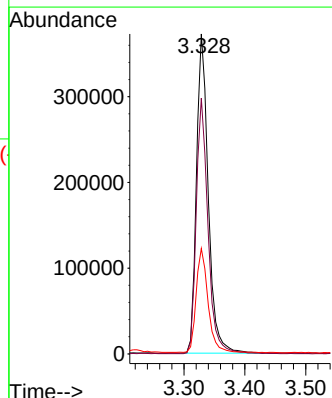
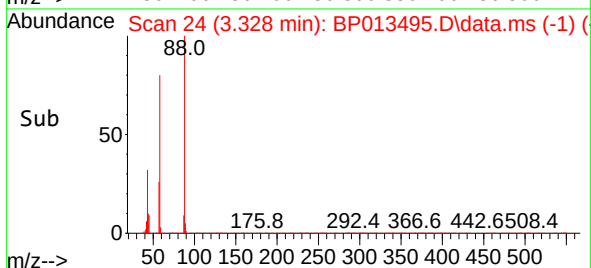
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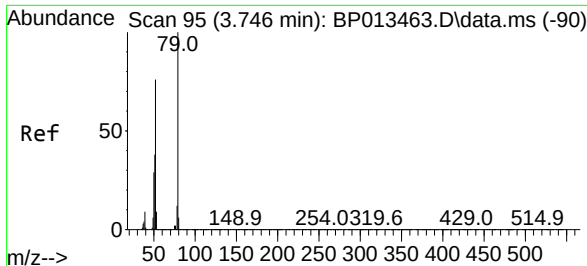


#2
1,4-Dioxane
Concen: 43.102 ng
RT: 3.328 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



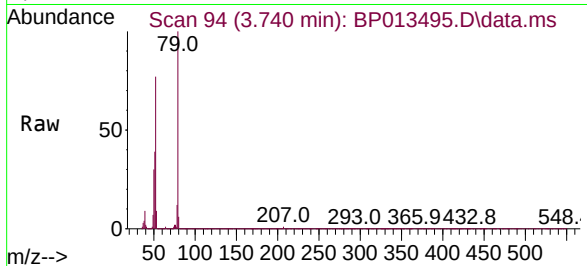
Tgt Ion: 88 Resp: 502073
Ion Ratio Lower Upper
88 100
58 79.6 63.4 95.0
43 33.3 26.2 39.4





#3
Pyridine
Concen: 42.808 ng m
RT: 3.740 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

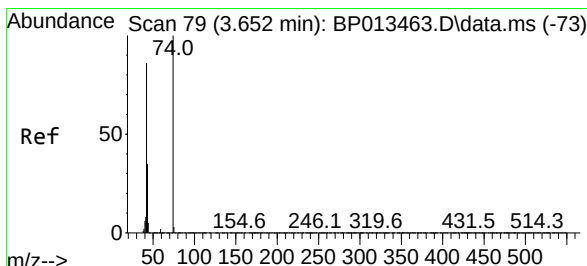
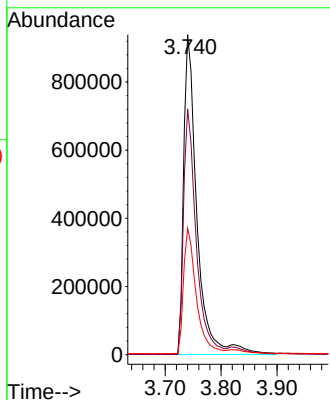
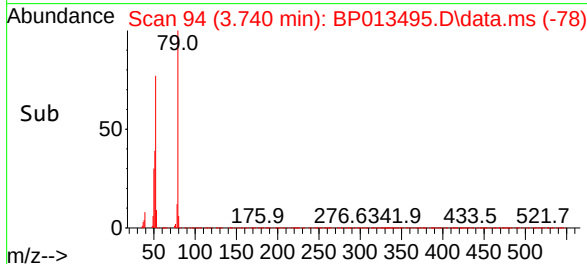
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



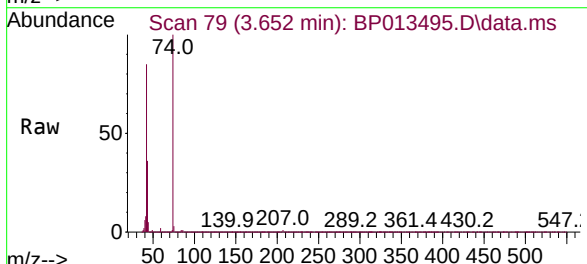
Tgt Ion: 79 Resp: 155454
Ion Ratio Lower Upper
79 100
52 76.8 60.6 91.0
51 39.5 31.0 46.4

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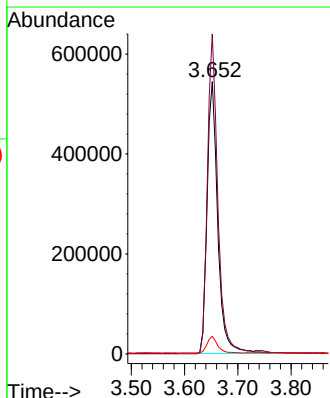
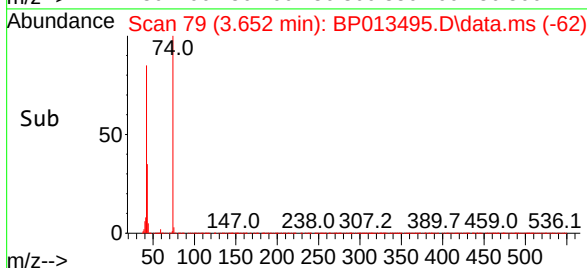
Reviewed By :Christian Giraldo 01/18/2023
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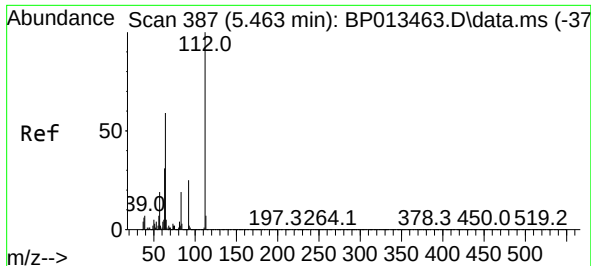


#4
n-Nitrosodimethylamine
Concen: 43.592 ng
RT: 3.652 min Scan# 79
Delta R.T. 0.000 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



Tgt Ion: 42 Resp: 759106
Ion Ratio Lower Upper
42 100
74 117.5 93.3 139.9
44 6.4 5.1 7.7





#5
2-Fluorophenol
Concen: 84.152 ng
RT: 5.458 min Scan# 386
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

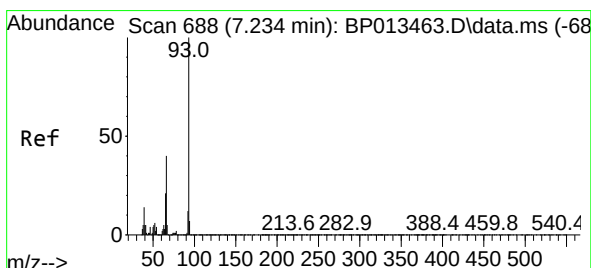
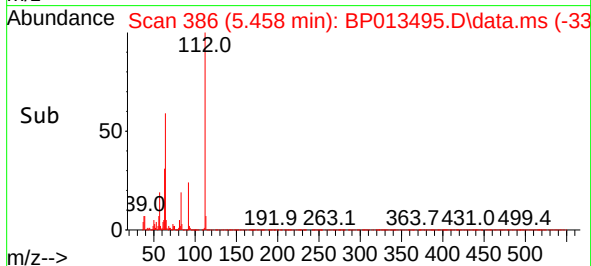
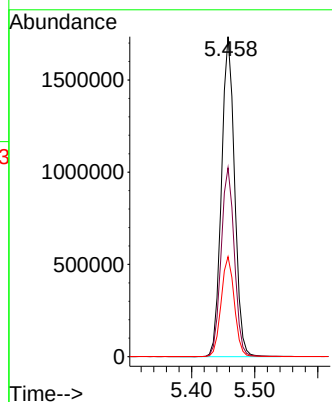
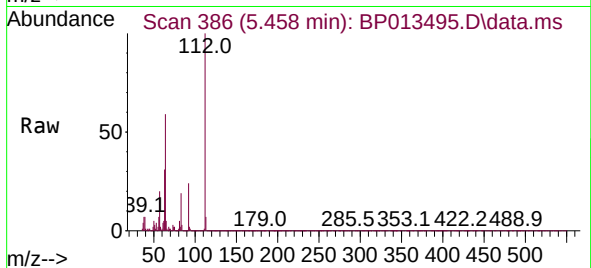
SSTDCCC040EC

Tgt Ion:112 Resp: 2499779
Ion Ratio Lower Upper
112 100
64 59.1 47.5 71.3
63 31.2 25.0 37.4

Manual Integrations

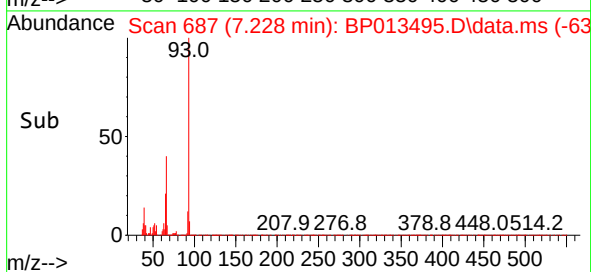
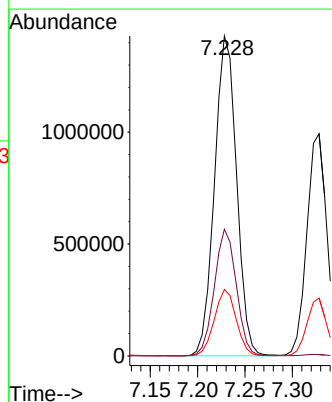
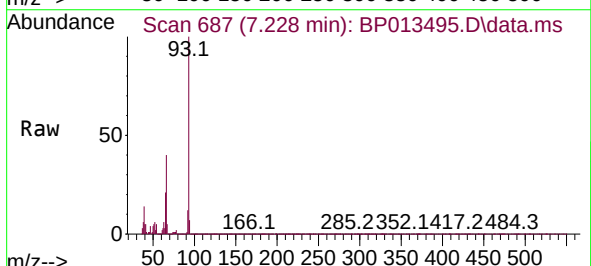
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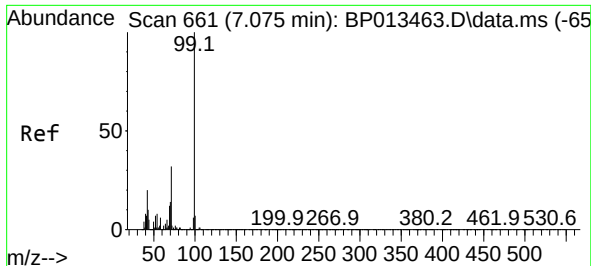
Reviewed By :Christian Giraldo 01/18/2023
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#6
Aniline
Concen: 41.342 ng
RT: 7.228 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

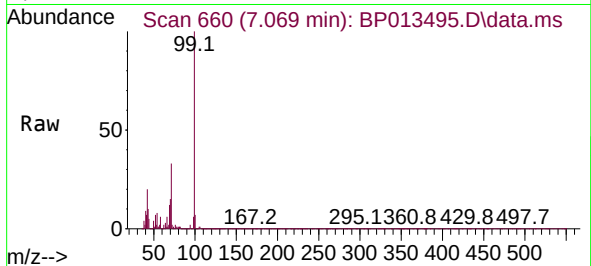
Tgt Ion: 93 Resp: 2319691
Ion Ratio Lower Upper
93 100
66 39.6 31.9 47.9
65 20.7 16.6 25.0





#7
Phenol-d6
Concen: 83.410 ng
RT: 7.069 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

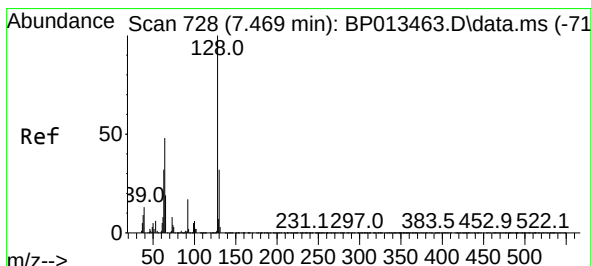
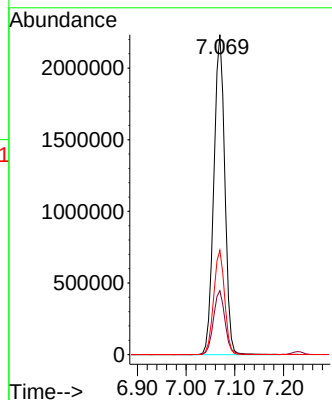
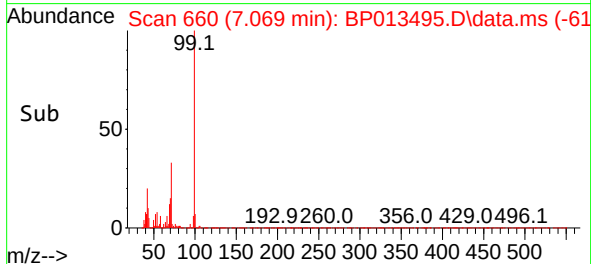
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 99 Resp: 350235
Ion Ratio Lower Upper
99 100
42 20.0 15.8 23.6
71 32.6 25.6 38.4

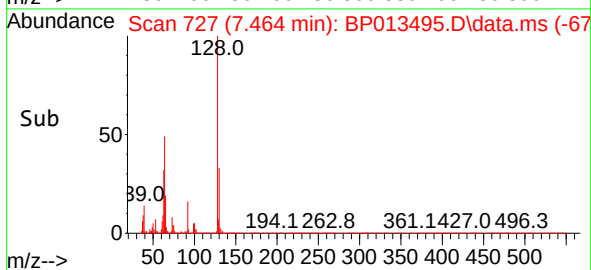
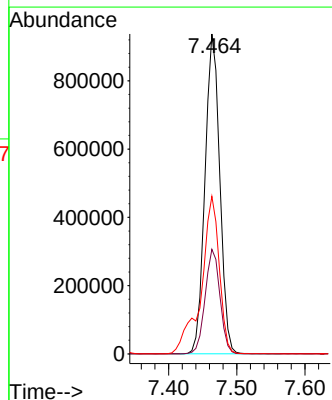
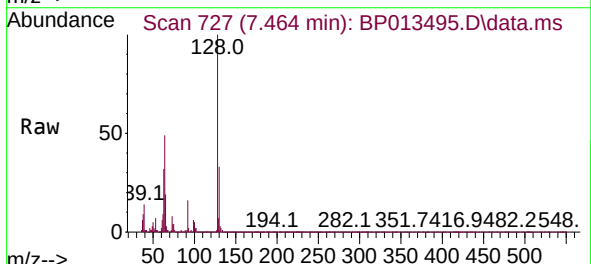
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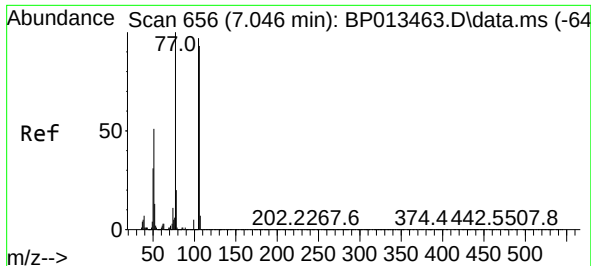
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#8
2-Chlorophenol
Concen: 41.153 ng
RT: 7.464 min Scan# 727
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

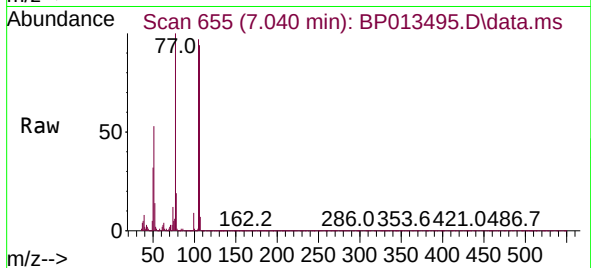
Tgt Ion:128 Resp: 1414773
Ion Ratio Lower Upper
128 100
130 32.7 11.7 51.7
64 49.2 28.6 68.6





#9
Benzaldehyde
Concen: 39.006 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

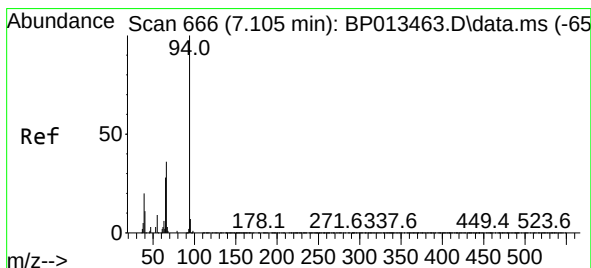
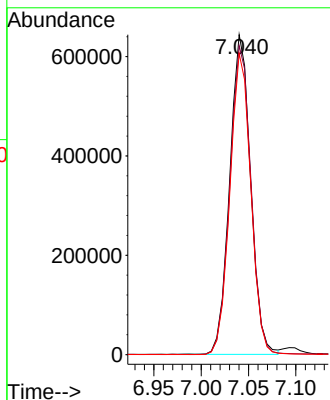
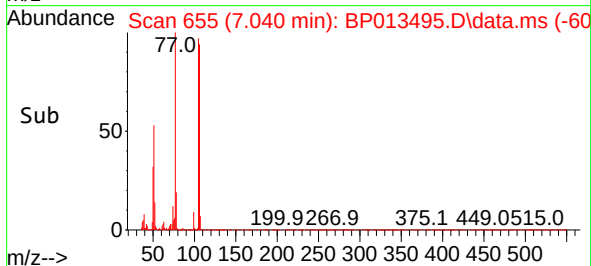
Instrument :
BNA_P
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SSTDCCC040EC



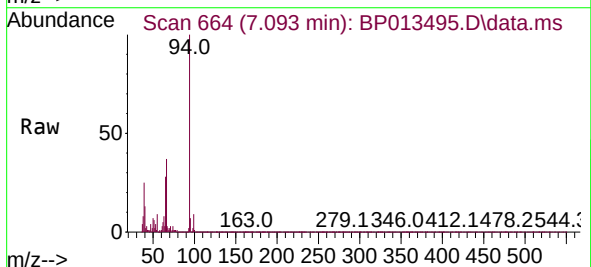
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Ion Ratio Lower Upper
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105 96.5 77.3 117.3
106 94.1 73.1 113.1

Manual Integrations
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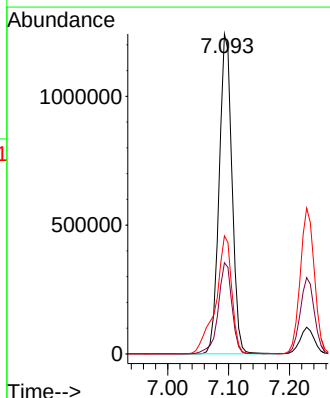
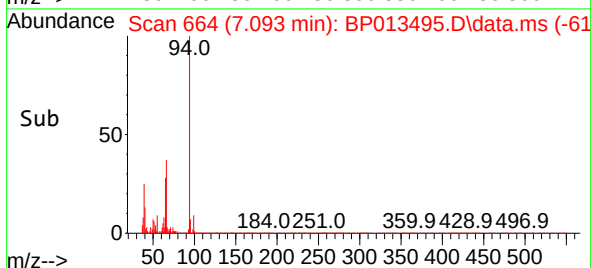
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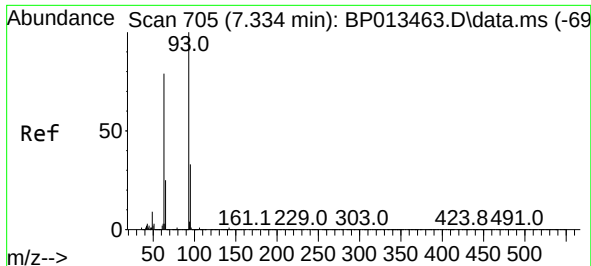


#10
Phenol
Concen: 42.006 ng
RT: 7.093 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



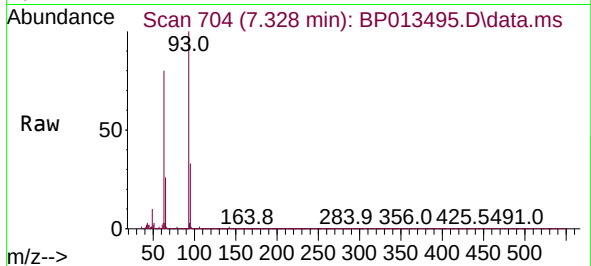
Tgt Ion: 94 Resp: 1820566
Ion Ratio Lower Upper
94 100
65 28.5 8.3 48.3
66 36.9 16.6 56.6





#11
bis(2-Chloroethyl)ether
Concen: 41.458 ng
RT: 7.328 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

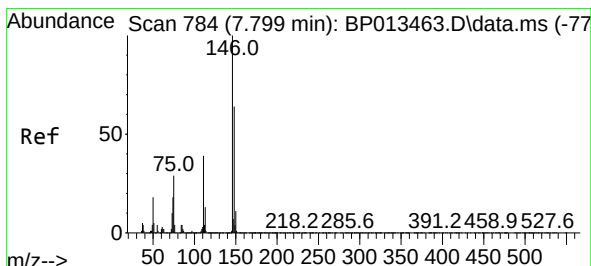
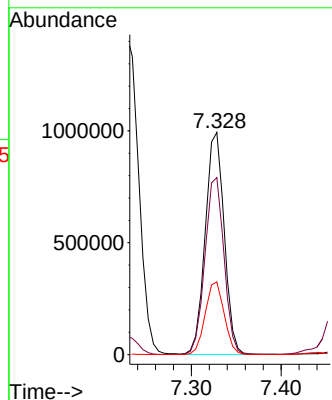
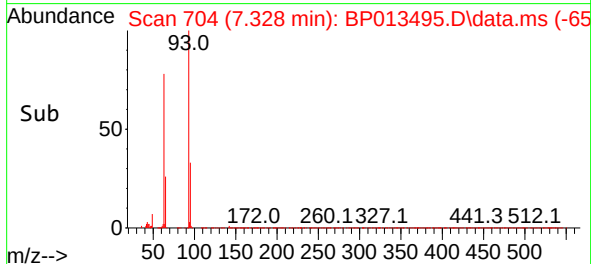
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



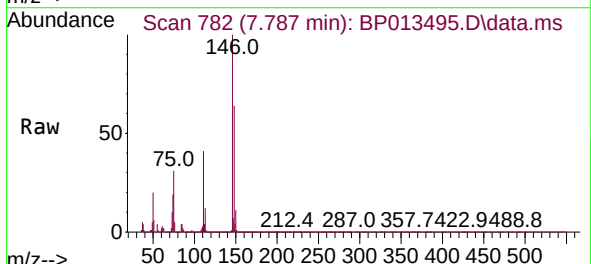
Tgt Ion: 93 Resp: 1456529
Ion Ratio Lower Upper
93 100
63 79.7 59.3 99.3
95 32.8 12.8 52.8

Manual Integrations
APPROVED

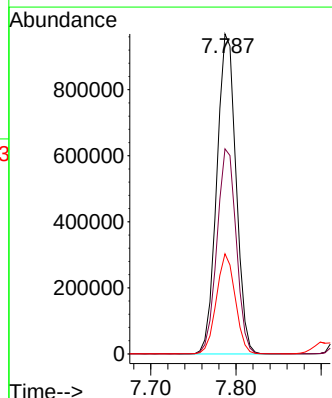
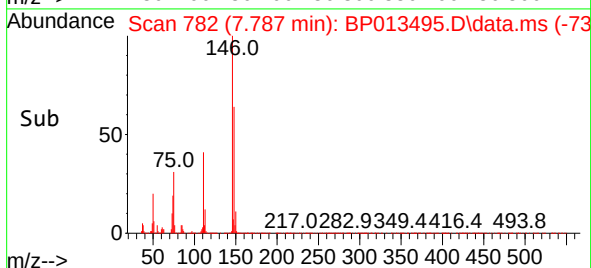
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

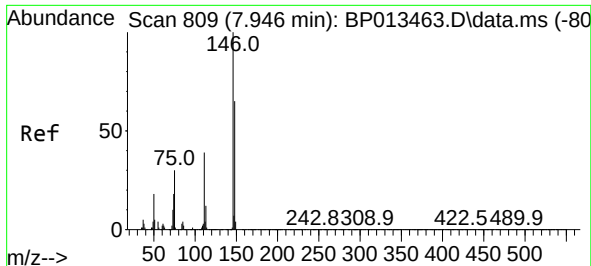


#12
1,3-Dichlorobenzene
Concen: 41.844 ng
RT: 7.787 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



Tgt Ion:146 Resp: 1515554
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
75 31.3 23.6 35.4





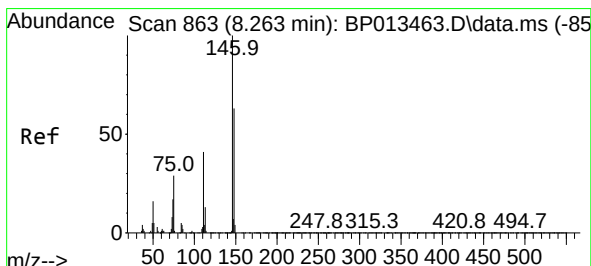
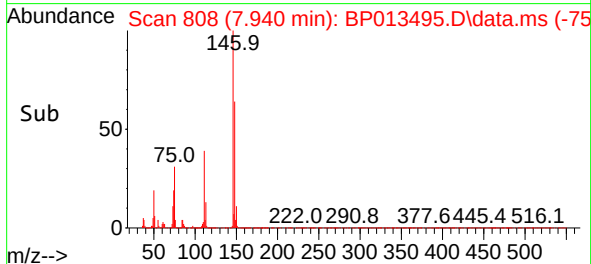
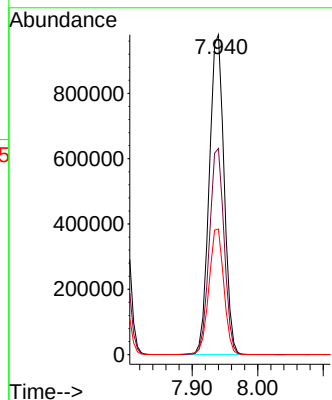
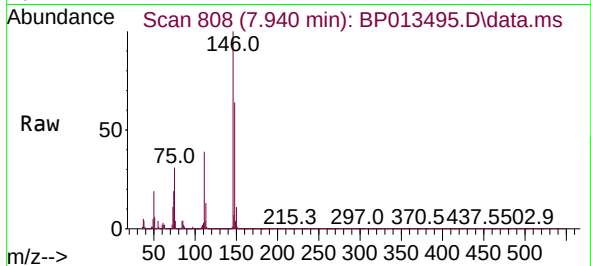
#13
1,4-Dichlorobenzene
Concen: 41.603 ng
RT: 7.940 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 1535693
Ion Ratio Lower Upper
146 100
148 64.4 52.0 78.0
111 39.2 31.4 47.2

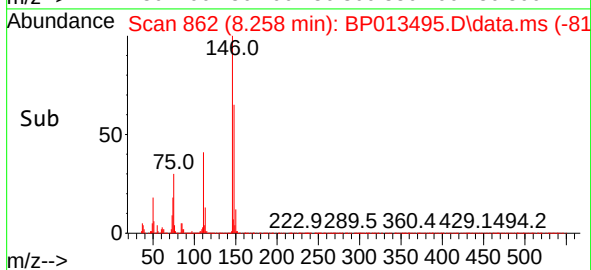
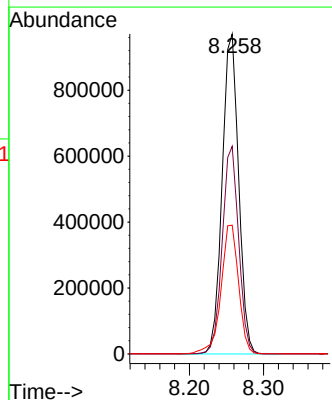
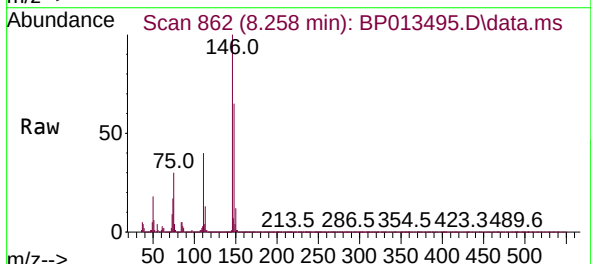
Manual Integrations
APPROVED

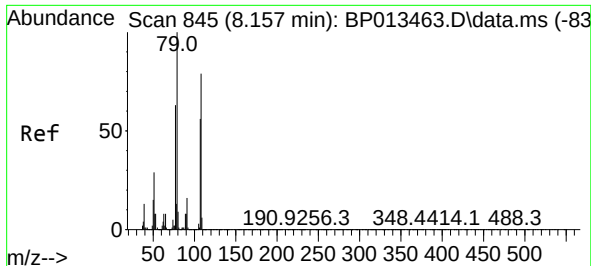
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#14
1,2-Dichlorobenzene
Concen: 41.390 ng
RT: 8.258 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

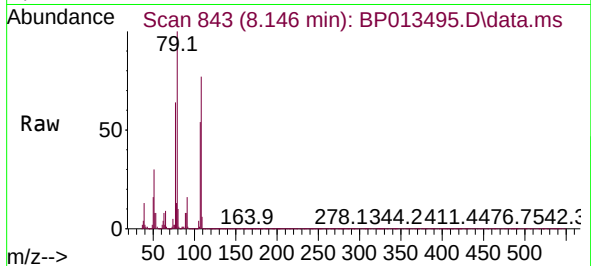
Tgt Ion:146 Resp: 1492607
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
111 40.2 32.7 49.1





#15
Benzyl Alcohol
Concen: 41.109 ng
RT: 8.146 min Scan# 845
Delta R.T. -0.012 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

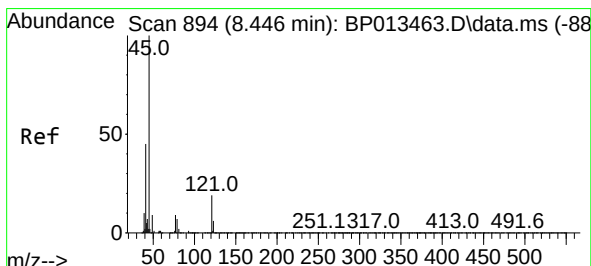
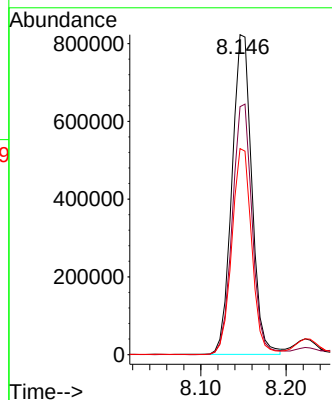
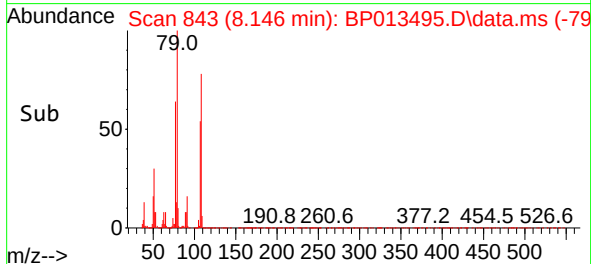
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



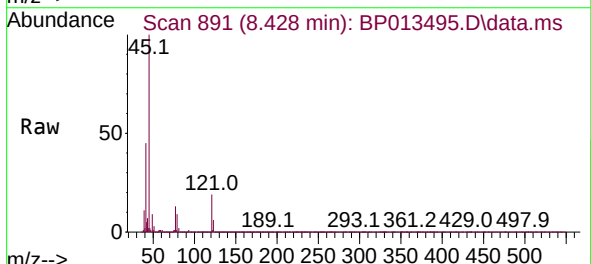
Tgt Ion: 79 Resp: 1330052
Ion Ratio Lower Upper
79 100
108 77.5 63.2 94.8
77 64.4 50.5 75.7

Manual Integrations
APPROVED

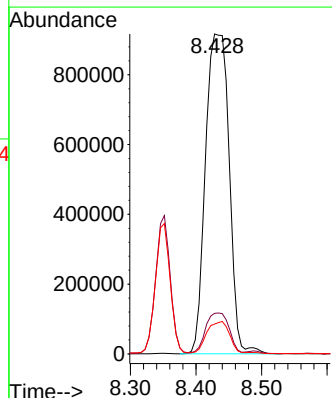
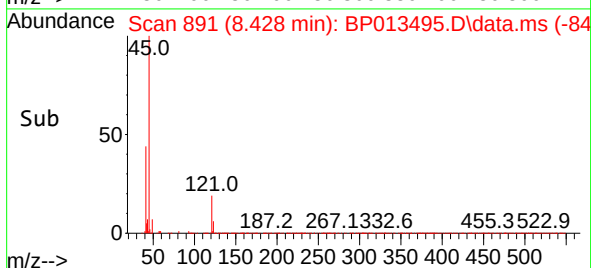
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

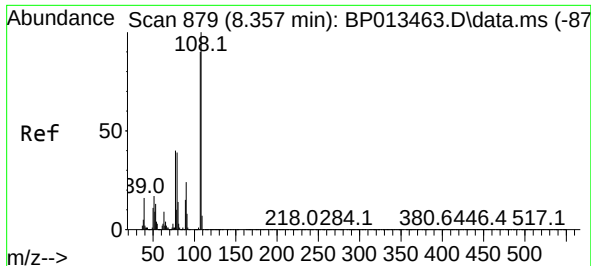


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.275 ng
RT: 8.428 min Scan# 891
Delta R.T. -0.017 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



Tgt Ion: 45 Resp: 2297832
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.8
79 9.3 0.0 30.3





#17
2-Methylphenol
Concen: 41.199 ng
RT: 8.352 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

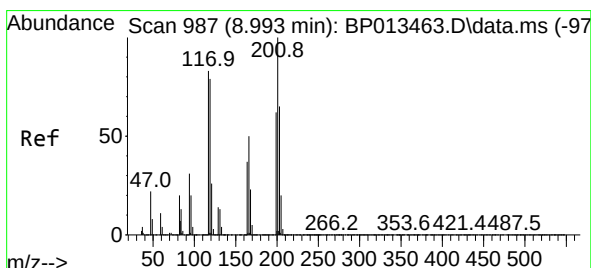
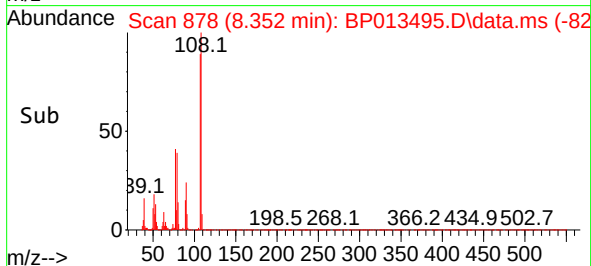
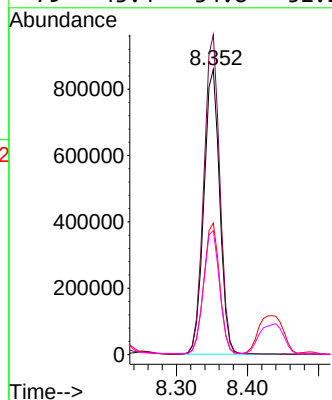
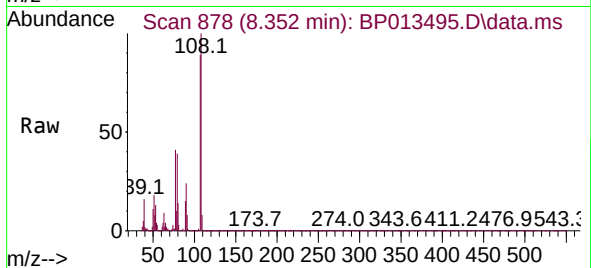
SSTDCCC040EC

Tgt Ion:107 Resp: 132183
Ion Ratio Lower Upper
107 100
108 112.2 88.8 133.2
77 46.1 35.8 53.8
79 43.4 34.8 52.2

Manual Integrations

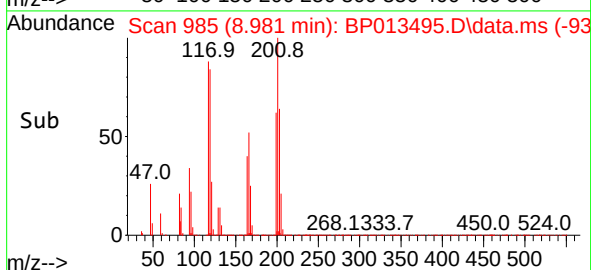
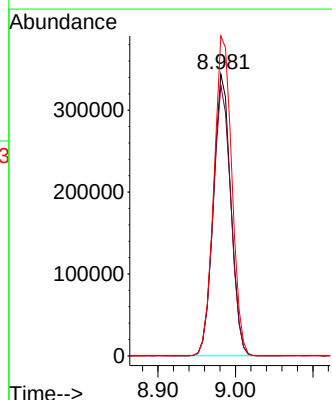
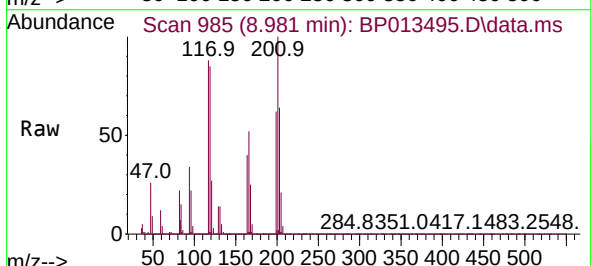
APPROVED

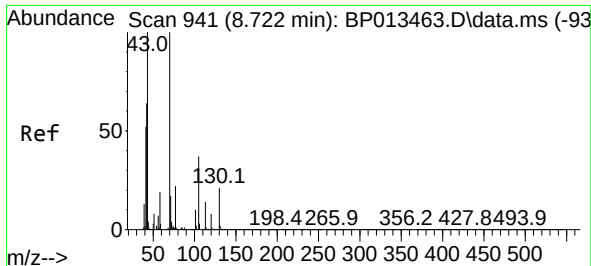
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#18
Hexachloroethane
Concen: 41.242 ng
RT: 8.981 min Scan# 985
Delta R.T. -0.012 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Tgt Ion:117 Resp: 539130
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
201 113.6 95.8 143.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.045 ng

RT: 8.716 min Scan# 941

Delta R.T. -0.006 min

Lab File: BP013495.D

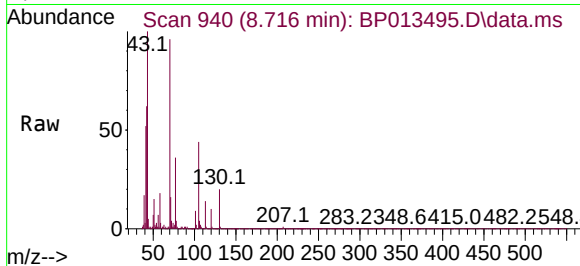
Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 70 Resp: 1260103

Ion Ratio Lower Upper

70 100

42 65.1 51.1 76.7

101 9.9 7.8 11.8

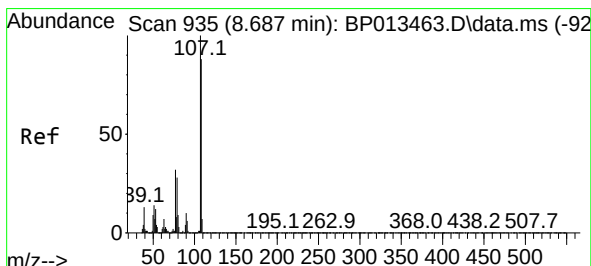
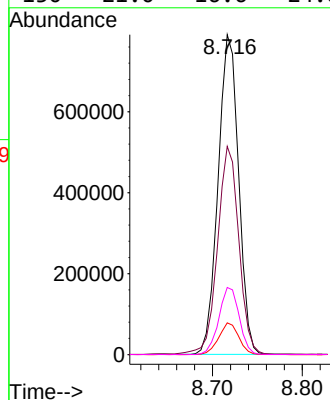
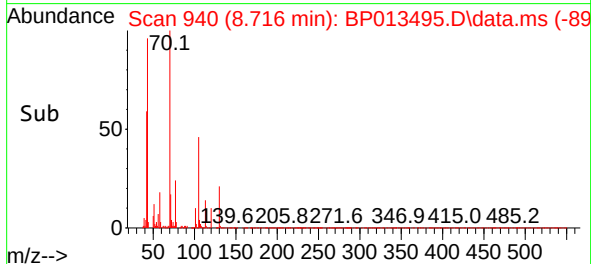
130 21.0 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#20

3+4-Methylphenols

Concen: 41.468 ng

RT: 8.681 min Scan# 934

Delta R.T. -0.006 min

Lab File: BP013495.D

Acq: 17 Jan 2023 14:23

Tgt Ion:107 Resp: 1848472

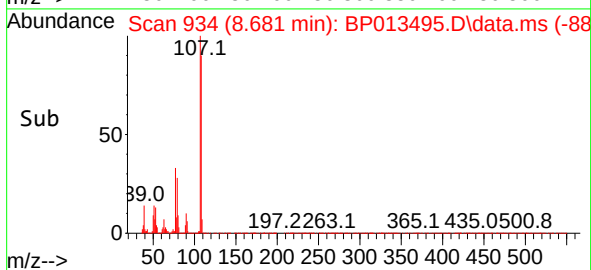
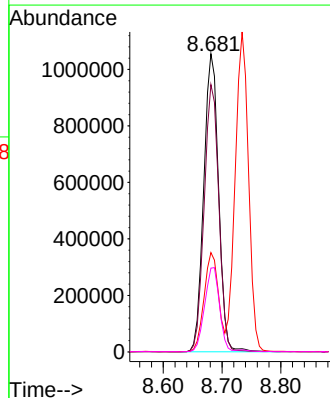
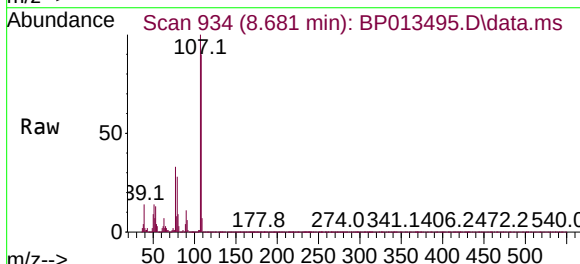
Ion Ratio Lower Upper

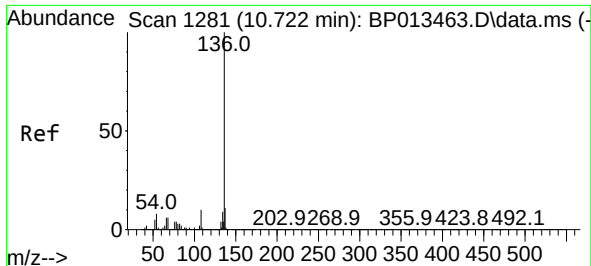
107 100

108 89.7 68.1 108.1

77 33.3 12.3 52.3

79 28.1 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

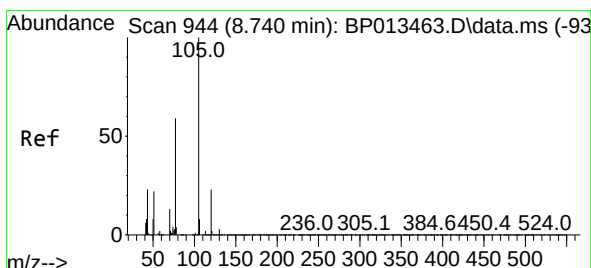
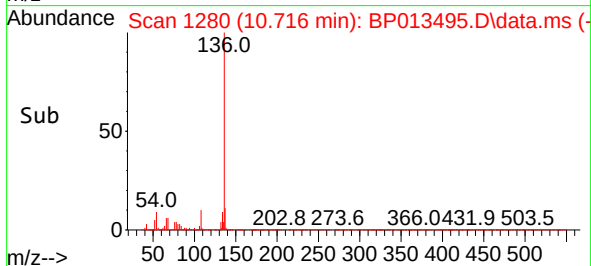
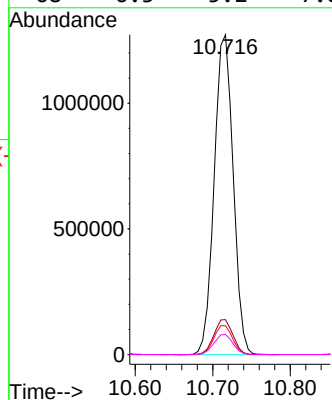
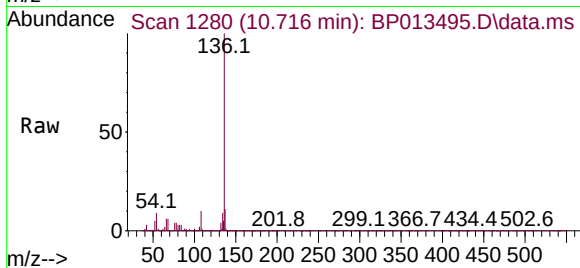
SSTDCCC040EC

Tgt Ion:136 Resp: 215998
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.0 6.6 10.0
68 6.3 5.2 7.8

Manual Integrations

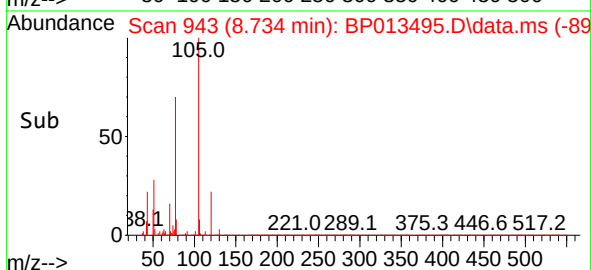
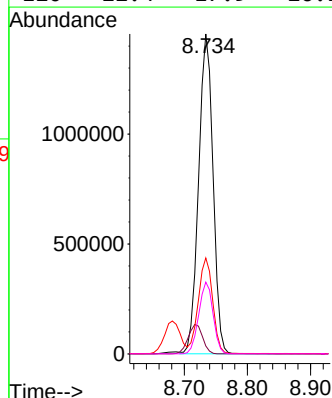
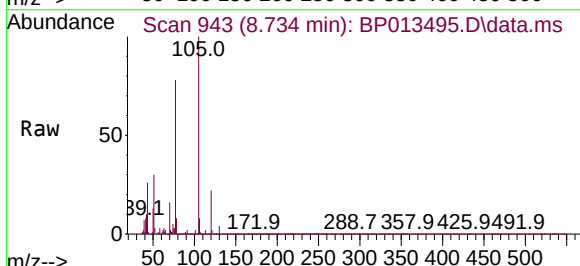
APPROVED

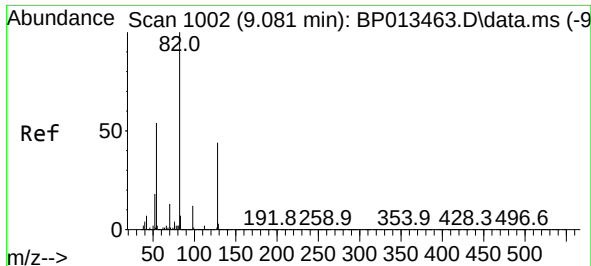
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#22
Acetophenone
Concen: 41.727 ng
RT: 8.734 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

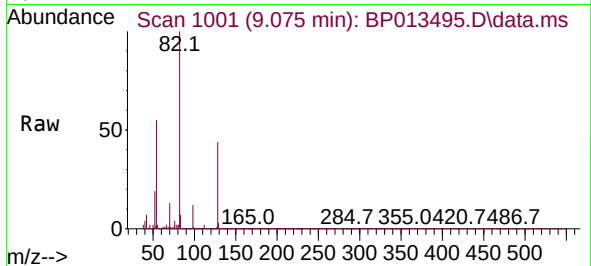
Tgt Ion:105 Resp: 2308188
Ion Ratio Lower Upper
105 100
71 2.5 2.1 3.1
51 30.0 23.3 34.9
120 22.4 17.9 26.9





#23
Nitrobenzene-d5
Concen: 84.258 ng
RT: 9.075 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

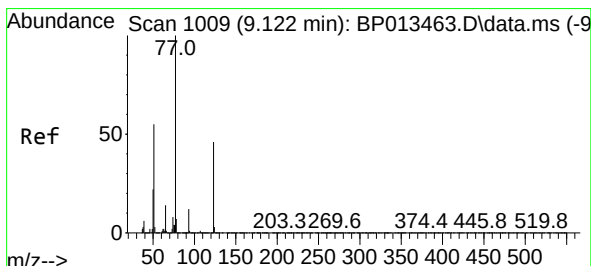
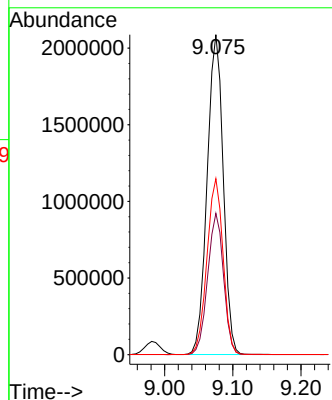
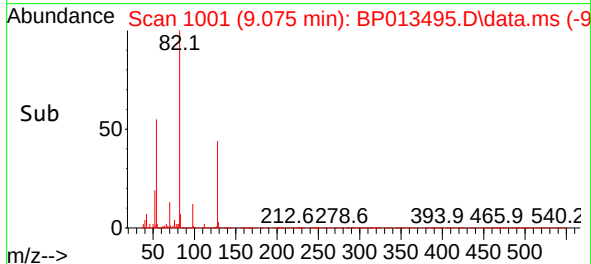
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 82 Resp: 3425613
Ion Ratio Lower Upper
82 100
128 44.1 35.4 53.0
54 55.0 42.8 64.2

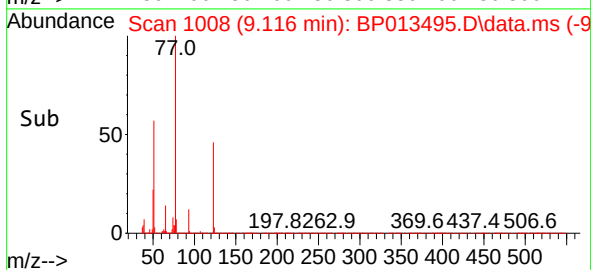
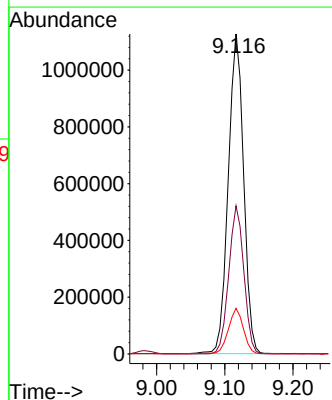
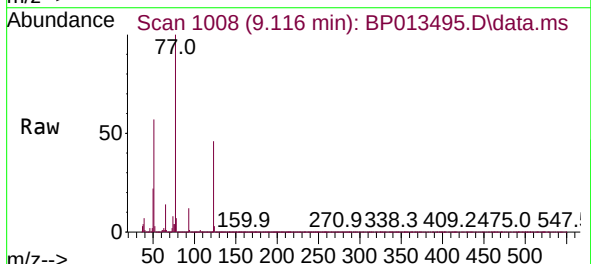
Manual Integrations
APPROVED

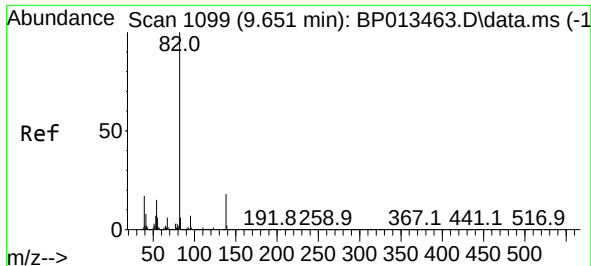
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#24
Nitrobenzene
Concen: 41.814 ng
RT: 9.116 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

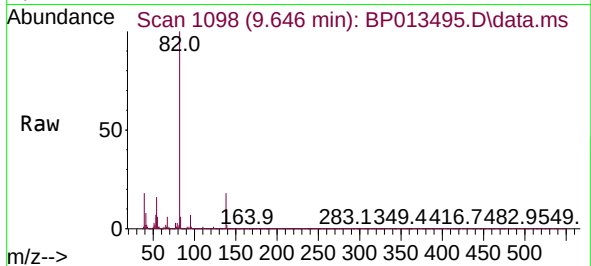
Tgt Ion: 77 Resp: 1758454
Ion Ratio Lower Upper
77 100
123 46.3 36.5 54.7
65 14.2 11.0 16.6





#25
Isophorone
Concen: 41.264 ng
RT: 9.646 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

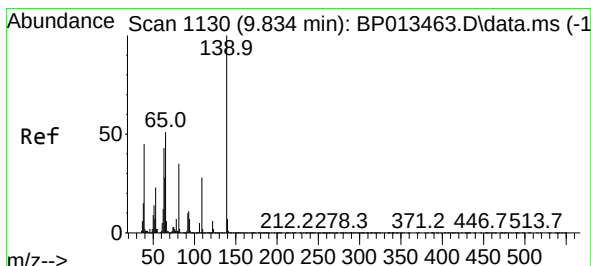
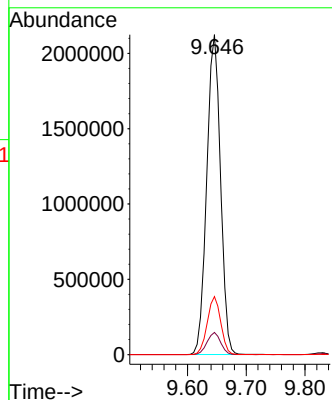
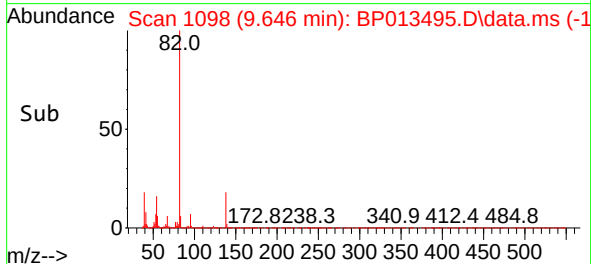
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 82 Resp: 3453295
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 18.1 14.5 21.7

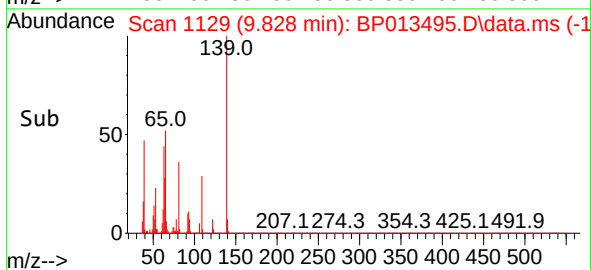
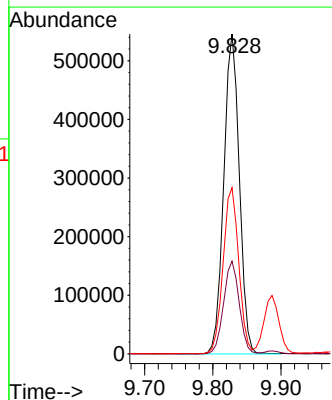
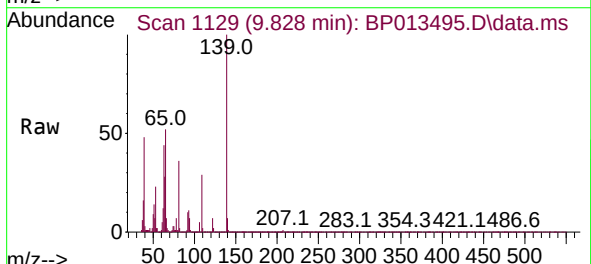
Manual Integrations
APPROVED

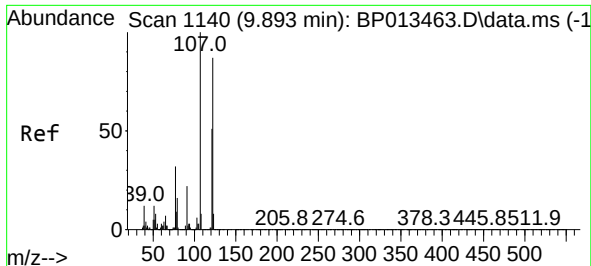
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#26
2-Nitrophenol
Concen: 41.368 ng
RT: 9.828 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Tgt Ion:139 Resp: 859962
Ion Ratio Lower Upper
139 100
109 29.0 22.5 33.7
65 51.9 41.0 61.4





#27

2,4-Dimethylphenol

Concen: 41.848 ng

RT: 9.887 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BP013495.D

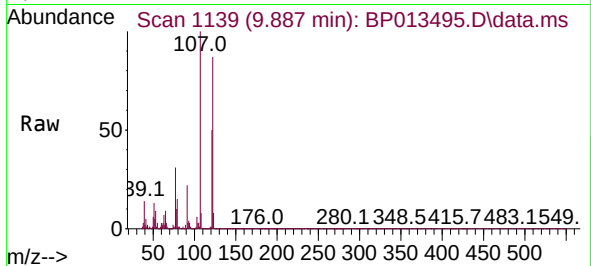
Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC



Tgt Ion:122 Resp: 1432154

Ion Ratio Lower Upper

122 100

107 114.7 91.6 137.4

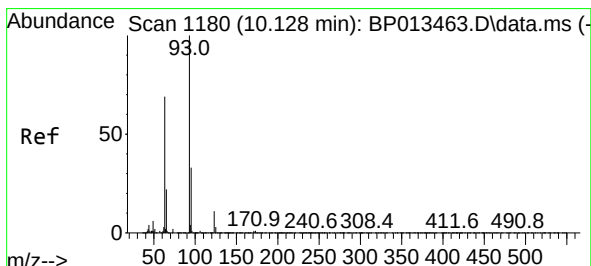
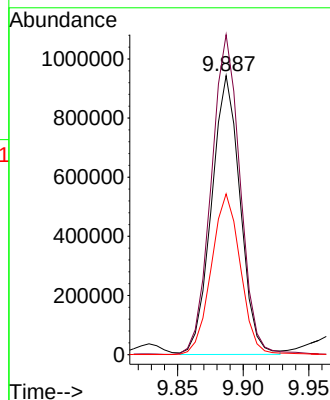
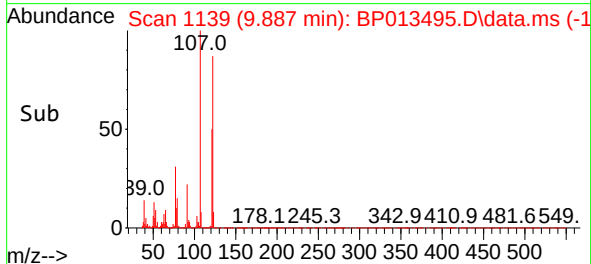
121 57.6 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.663 ng

RT: 10.122 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BP013495.D

Acq: 17 Jan 2023 14:23

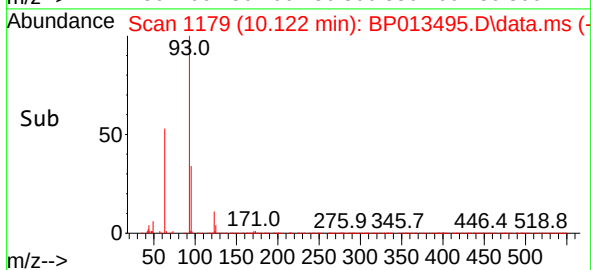
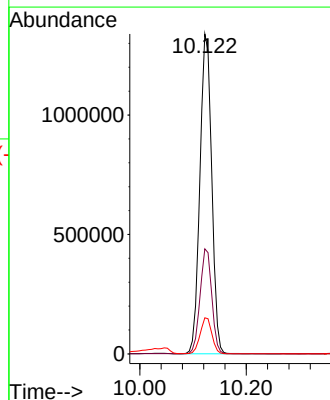
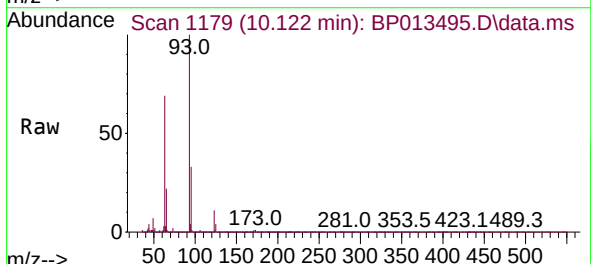
Tgt Ion: 93 Resp: 2056373

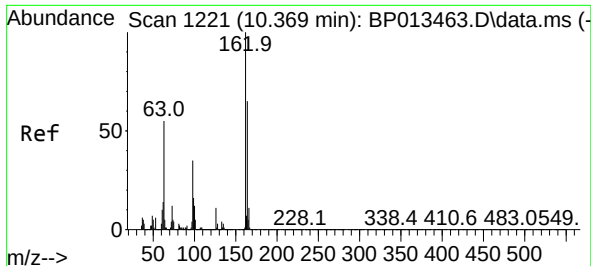
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.785 ng

RT: 10.363 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BP013495.D

Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 1500525

Ion Ratio Lower Upper

162 100

164 64.9 45.4 85.4

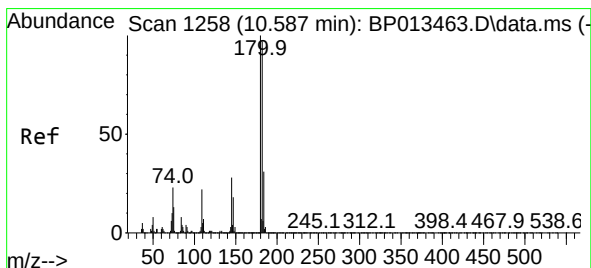
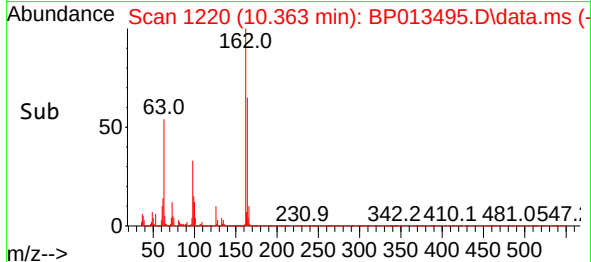
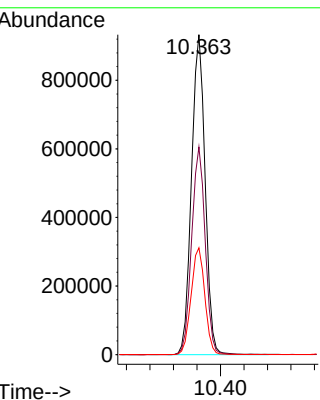
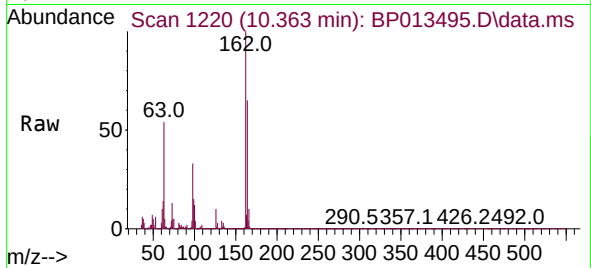
98 33.4 14.8 54.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.905 ng

RT: 10.575 min Scan# 1256

Delta R.T. -0.012 min

Lab File: BP013495.D

Acq: 17 Jan 2023 14:23

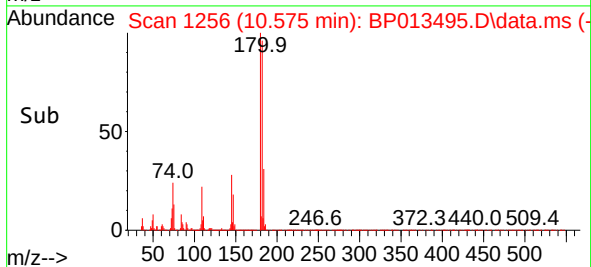
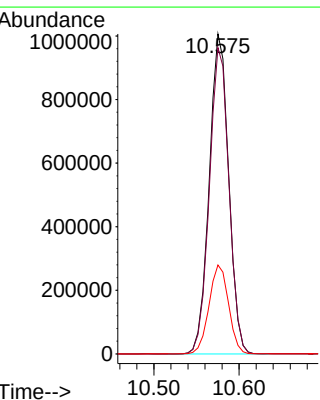
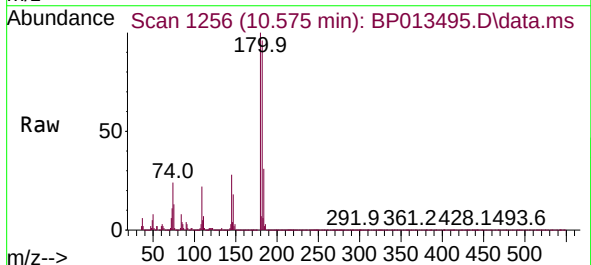
Tgt Ion:180 Resp: 1592576

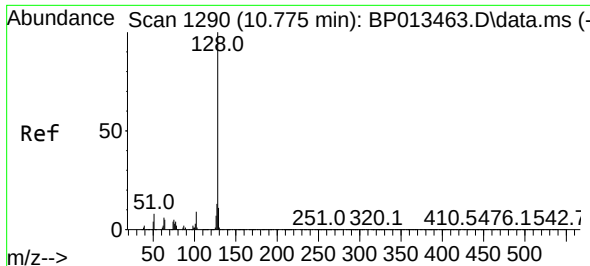
Ion Ratio Lower Upper

180 100

182 95.7 77.3 115.9

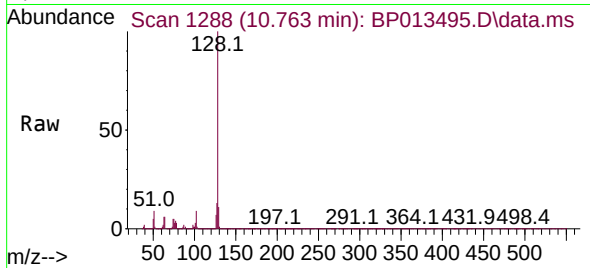
145 27.8 22.8 34.2





#31
Naphthalene
Concen: 41.353 ng
RT: 10.763 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

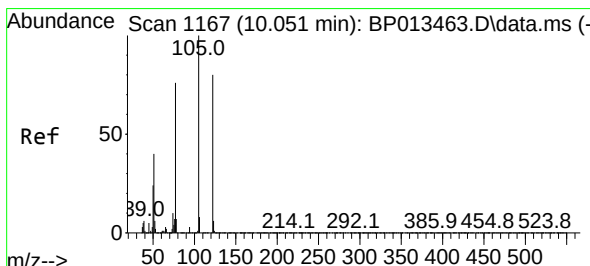
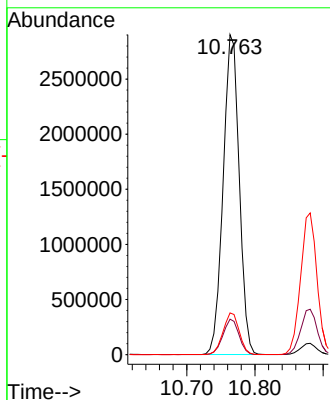
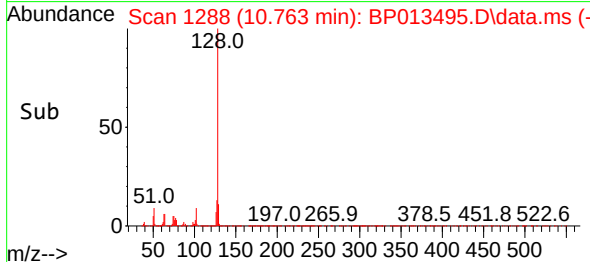
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



Tgt Ion:128 Resp: 4723308
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.6 16.0

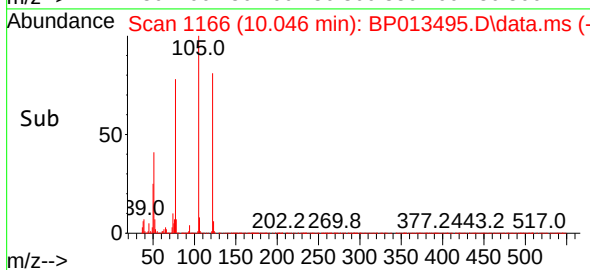
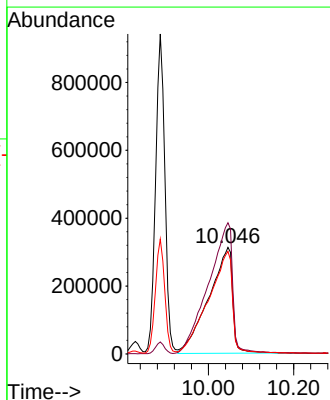
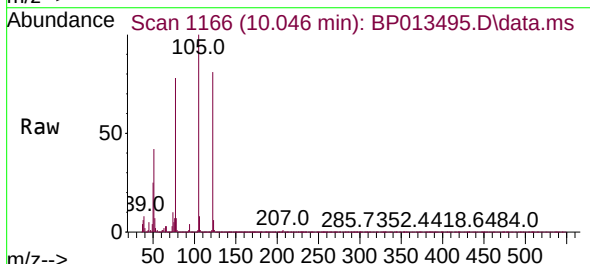
Manual Integrations
APPROVED

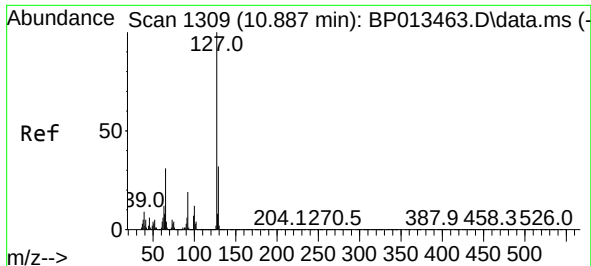
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#32
Benzoic acid
Concen: 42.554 ng
RT: 10.046 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Tgt Ion:122 Resp: 1214650
Ion Ratio Lower Upper
122 100
105 123.1 102.7 142.7
77 96.2 74.0 114.0





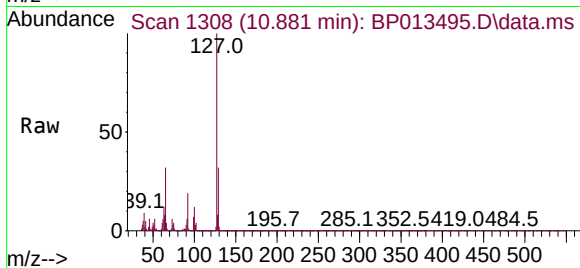
#33
4-Chloroaniline
Concen: 41.244 ng
RT: 10.881 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

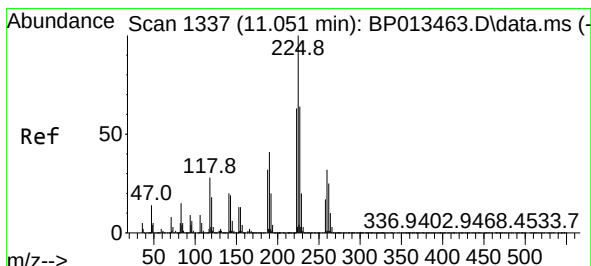
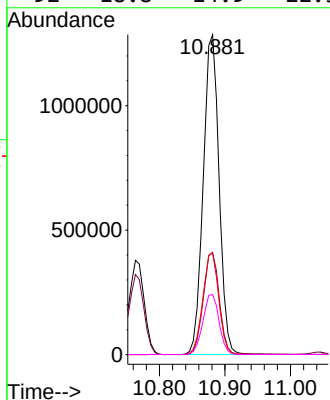
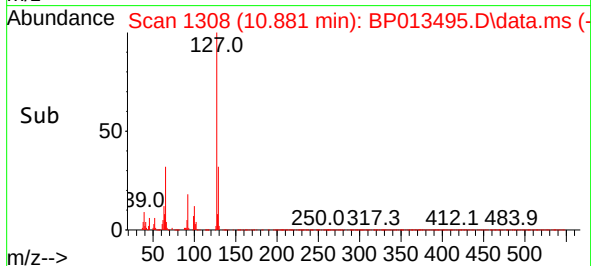


Tgt Ion:127 Resp: 2151956
Ion Ratio Lower Upper
127 100
129 32.0 25.6 38.4
65 31.7 25.2 37.8
92 18.8 14.9 22.3

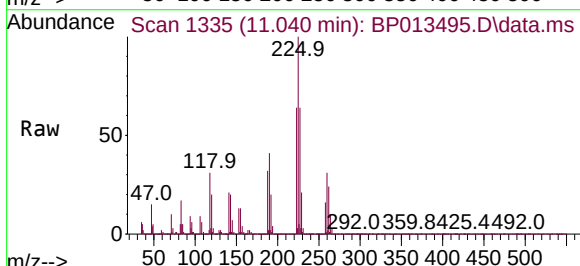
Manual Integrations

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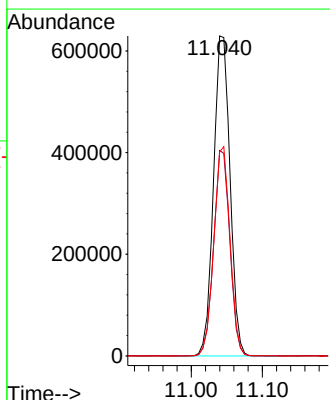
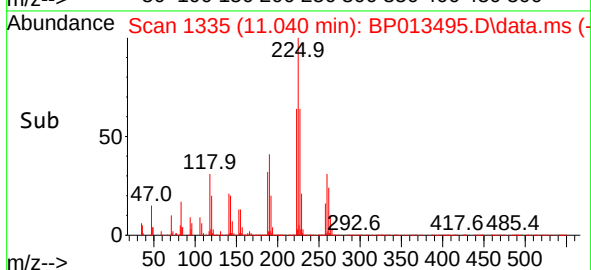
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

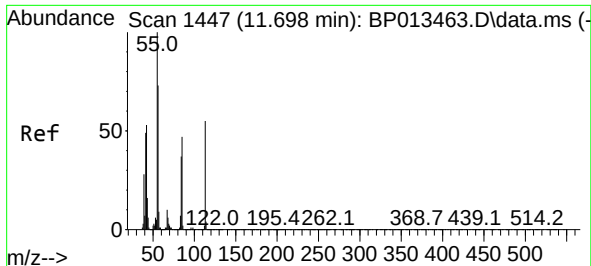


#34
Hexachlorobutadiene
Concen: 42.440 ng
RT: 11.040 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



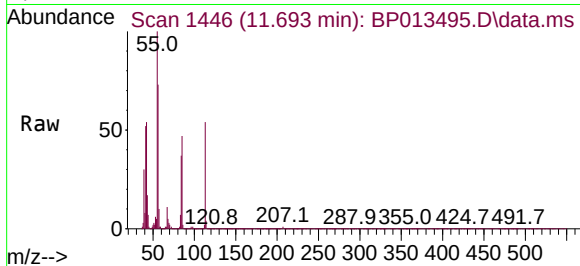
Tgt Ion:225 Resp: 1016727
Ion Ratio Lower Upper
225 100
223 64.2 50.0 75.0
227 63.7 51.0 76.6





#35
Caprolactam
Concen: 39.963 ng
RT: 11.693 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

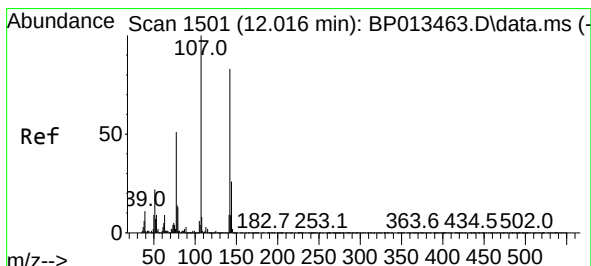
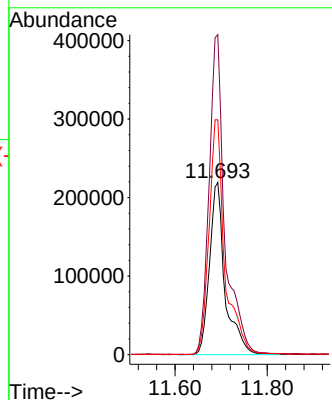
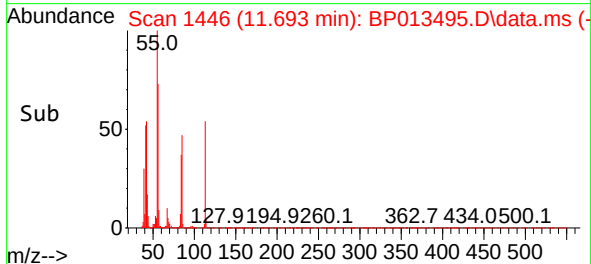
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



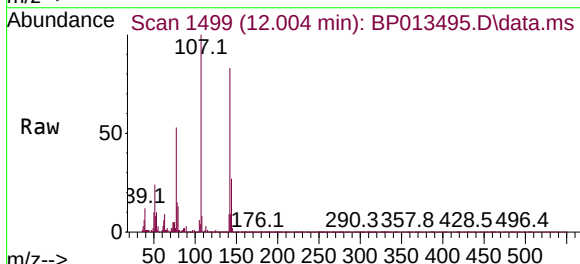
Tgt Ion:113 Resp: 511349
Ion Ratio Lower Upper
113 100
55 185.9 163.1 203.1
56 136.4 113.0 153.0

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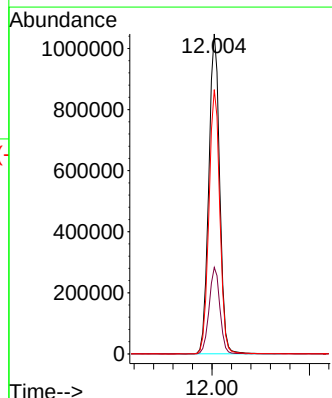
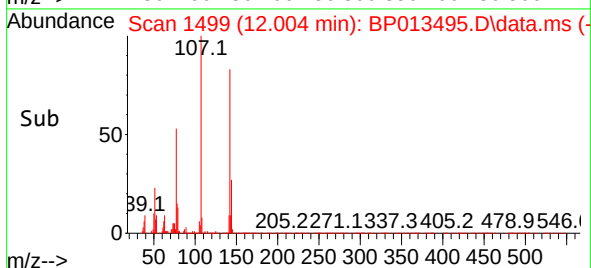
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

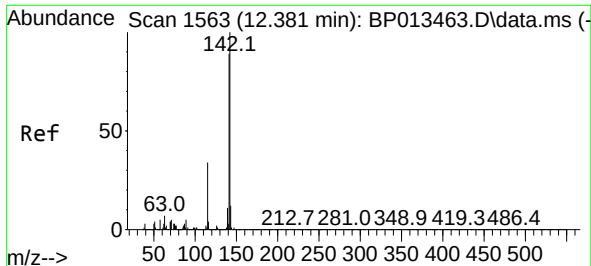


#36
4-Chloro-3-methylphenol
Concen: 41.729 ng
RT: 12.004 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



Tgt Ion:107 Resp: 1632949
Ion Ratio Lower Upper
107 100
144 27.0 21.2 31.8
142 82.6 66.0 99.0





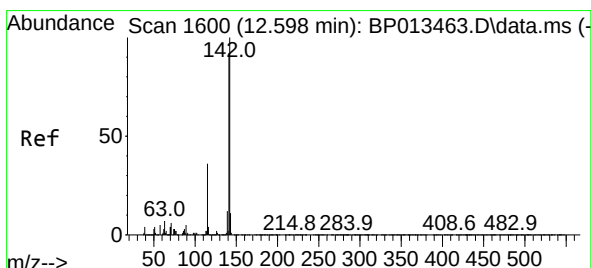
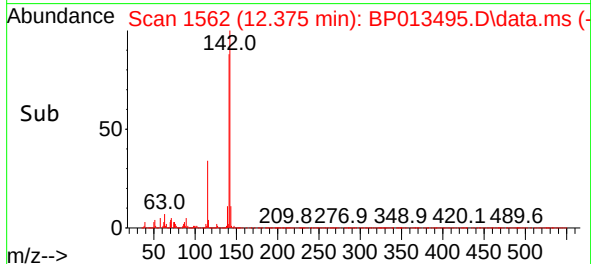
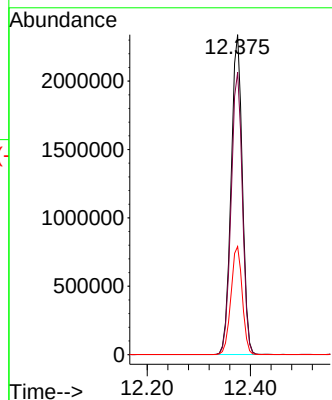
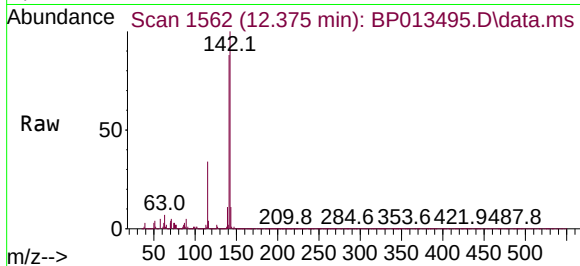
#37
2-Methylnaphthalene
Concen: 41.566 ng
RT: 12.375 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 3564232
Ion Ratio Lower Upper
142 100
141 88.2 71.1 106.7
115 33.8 27.6 41.4

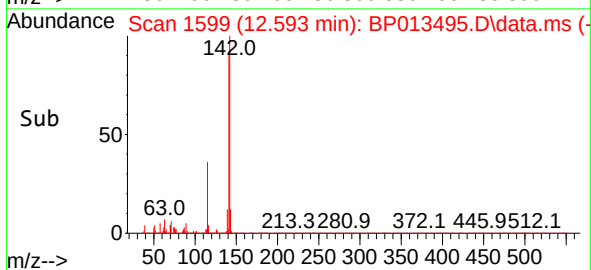
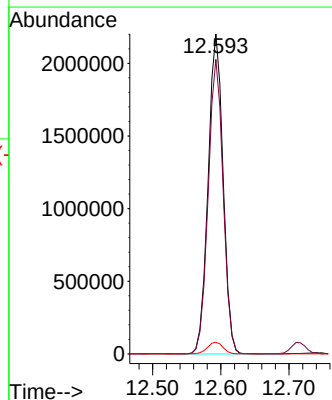
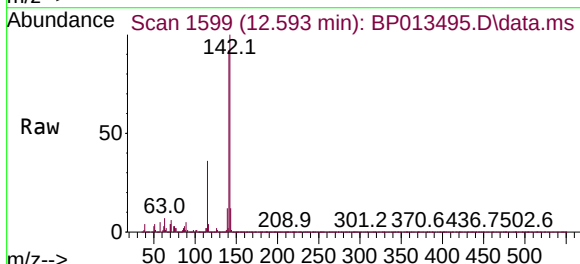
Manual Integrations
APPROVED

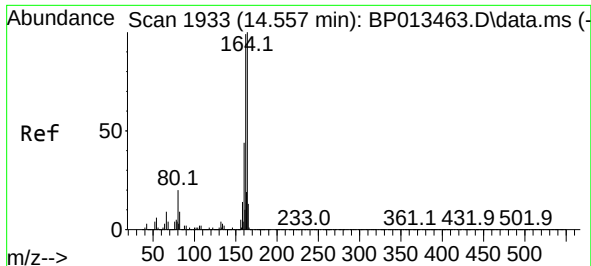
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#38
1-Methylnaphthalene
Concen: 41.521 ng
RT: 12.593 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Tgt Ion:142 Resp: 3358740
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9
116 3.6 2.9 4.3





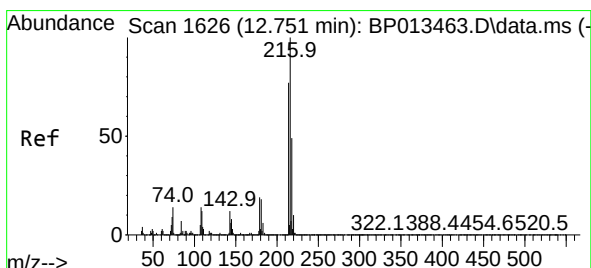
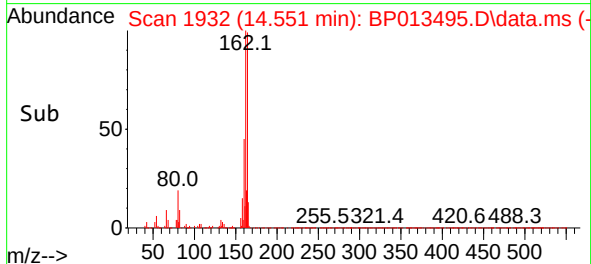
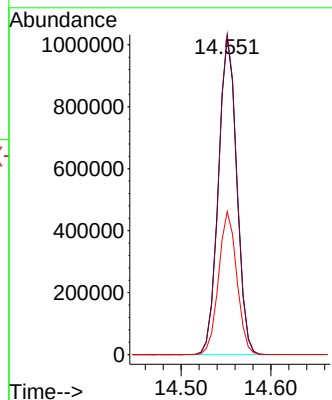
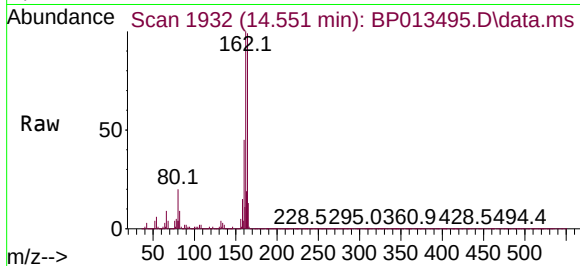
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 1461907
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 45.0 35.4 53.0

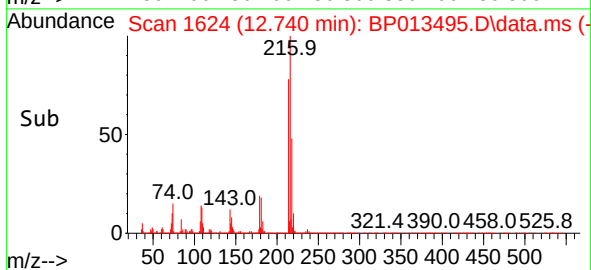
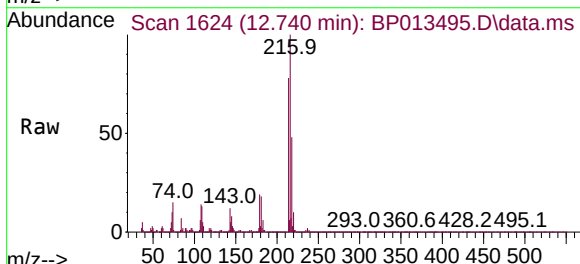
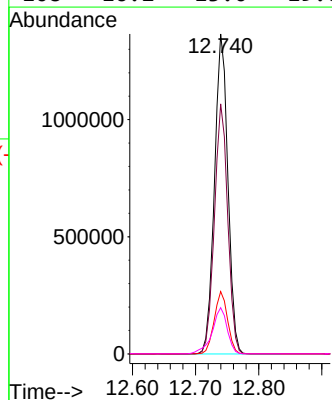
Manual Integrations
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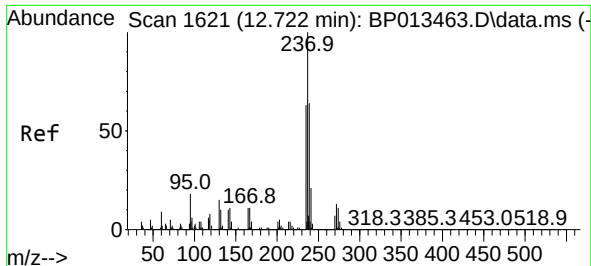
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.961 ng
RT: 12.740 min Scan# 1624
Delta R.T. -0.012 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

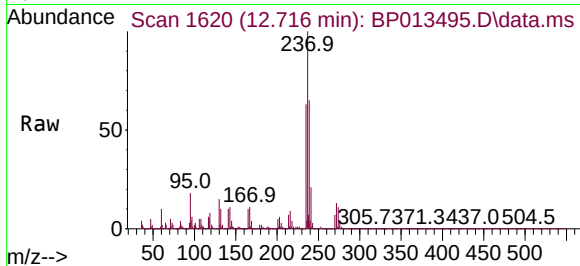
Tgt Ion:216 Resp: 2010633
Ion Ratio Lower Upper
216 100
214 77.8 62.1 93.1
179 19.5 15.6 23.4
108 16.2 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 44.327 ng
RT: 12.716 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

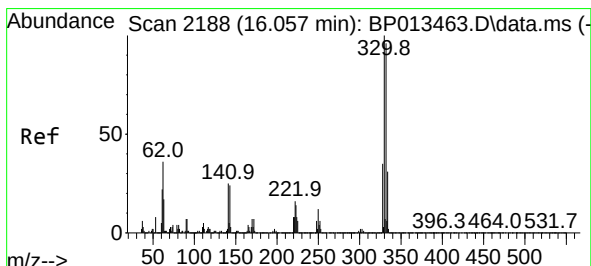
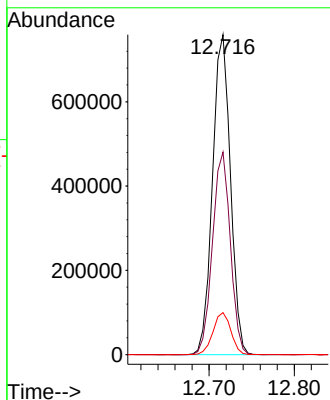
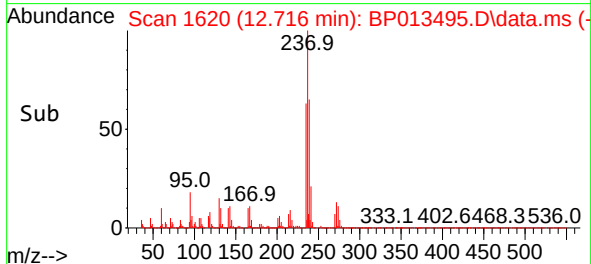
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



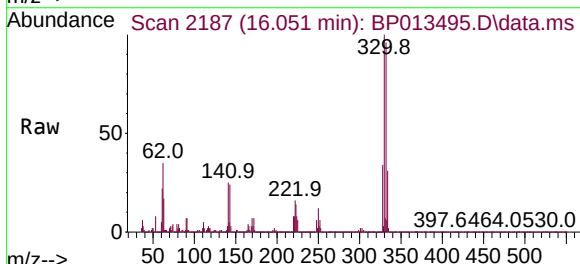
Tgt Ion: 237 Resp: 1107510
Ion Ratio Lower Upper
237 100
235 63.3 43.4 83.4
272 13.1 0.0 32.7

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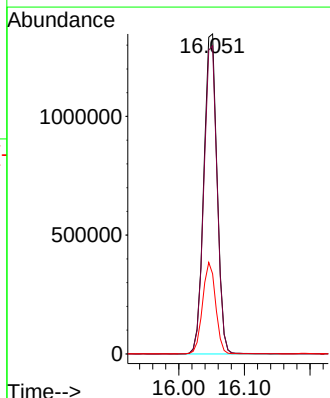
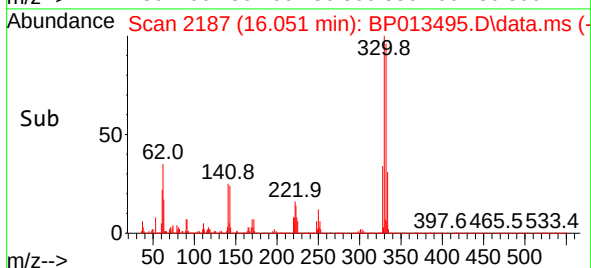
Reviewed By : Christian Giraldo 01/18/2023
Supervised By : Jagrut Upadhyay 01/18/2023

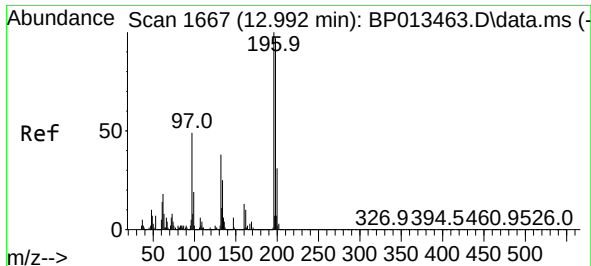


#42
2,4,6-Tribromophenol
Concen: 82.450 ng
RT: 16.051 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



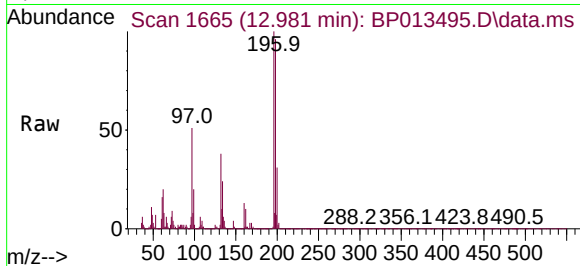
Tgt Ion: 330 Resp: 1881491
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 28.1 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 41.829 ng
RT: 12.981 min Scan# 1665
Delta R.T. -0.012 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

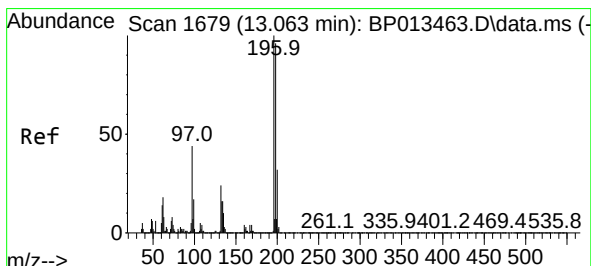
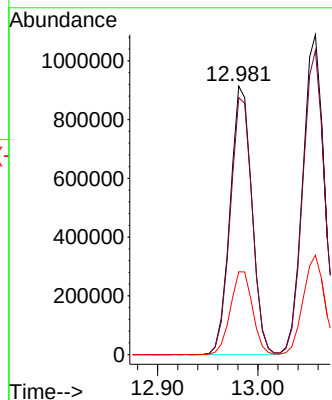
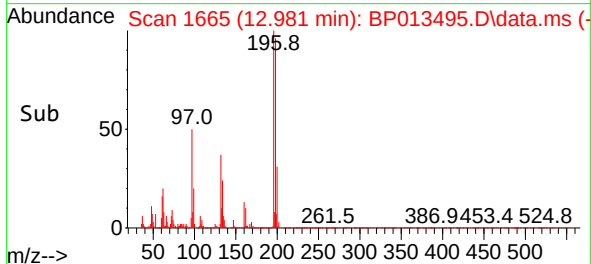
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



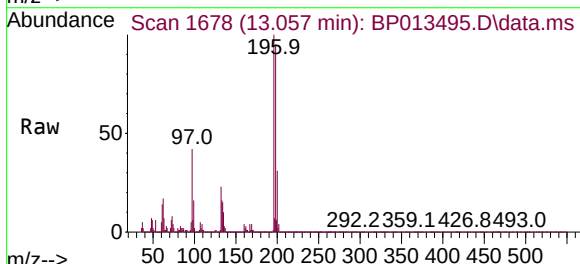
Tgt Ion:196 Resp: 1378113
Ion Ratio Lower Upper
196 100
198 95.7 77.4 116.0
200 30.9 24.7 37.1

Manual Integrations
APPROVED

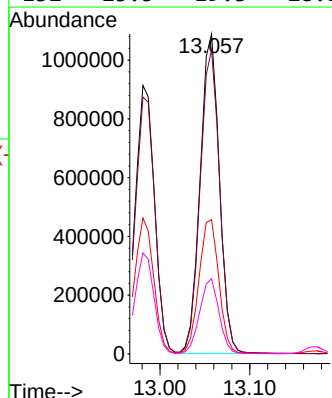
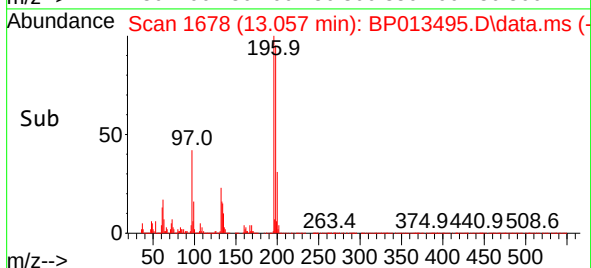
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

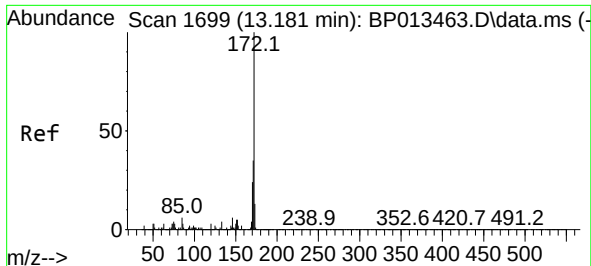


#44
2,4,5-Trichlorophenol
Concen: 41.985 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



Tgt Ion:196 Resp: 1623130
Ion Ratio Lower Upper
196 100
198 95.0 76.8 115.2
97 41.9 34.9 52.3
132 23.5 19.3 28.9





#45
2-Fluorobiphenyl
Concen: 84.094 ng
RT: 13.175 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

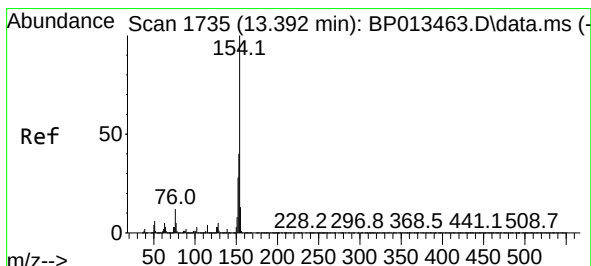
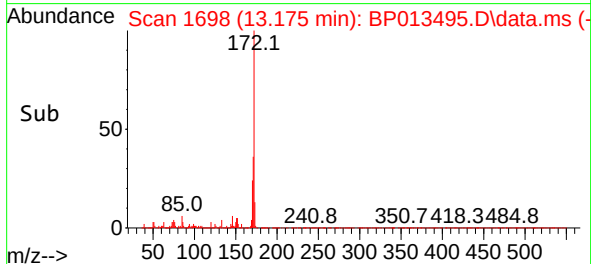
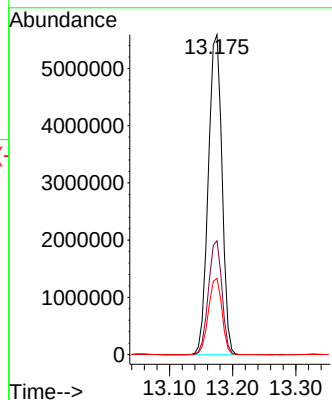
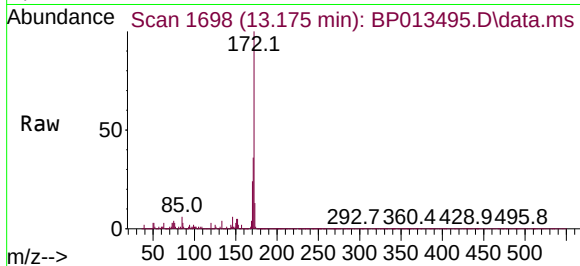
SSTDCCC040EC

Tgt Ion:172 Resp: 8409786
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.8 19.0 28.4

Manual Integrations

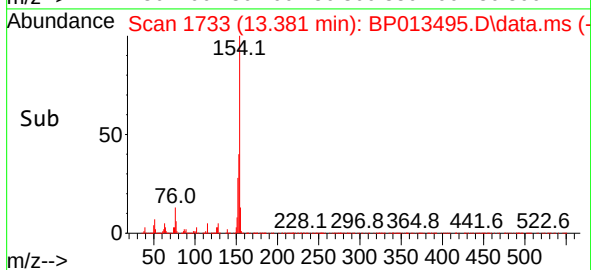
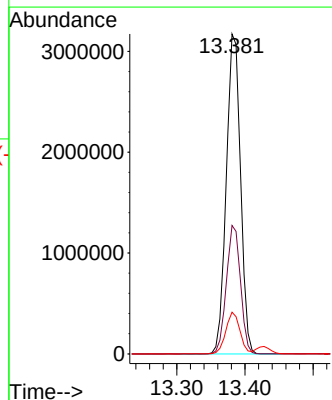
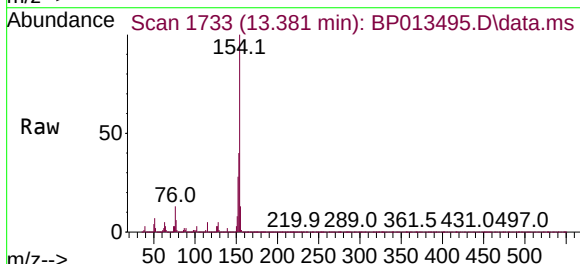
APPROVED

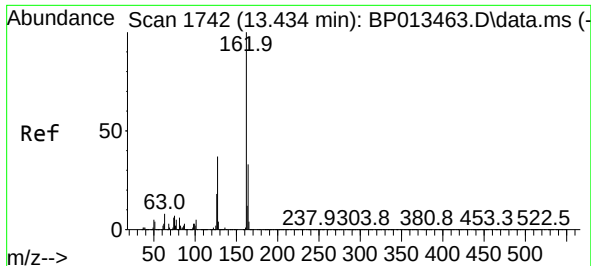
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#46
1,1'-Biphenyl
Concen: 41.262 ng
RT: 13.381 min Scan# 1733
Delta R.T. -0.012 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Tgt Ion:154 Resp: 4560588
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 13.0 0.0 32.5





#47
2-Chloronaphthalene
Concen: 40.943 ng
RT: 13.428 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

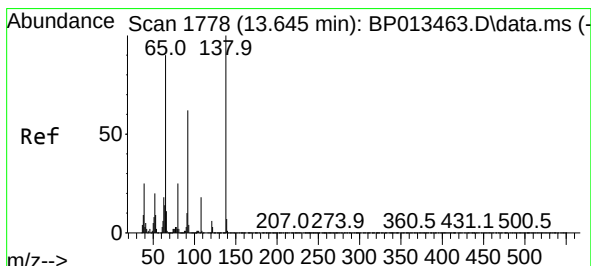
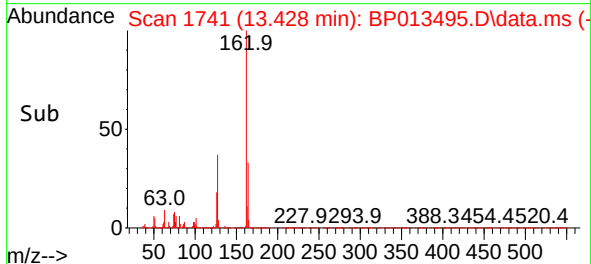
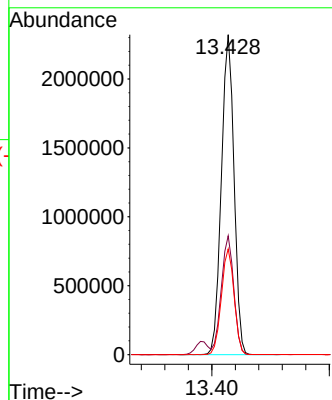
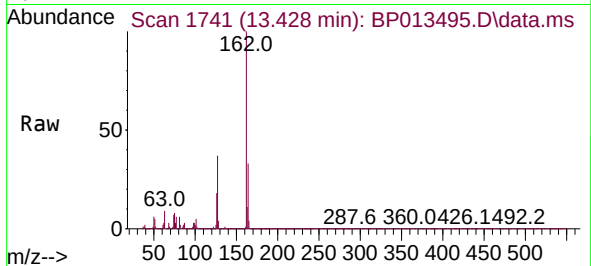
SSTDCCC040EC

Tgt Ion:162 Resp: 3470792
Ion Ratio Lower Upper
162 100
127 37.1 29.8 44.8
164 33.0 26.4 39.6

Manual Integrations

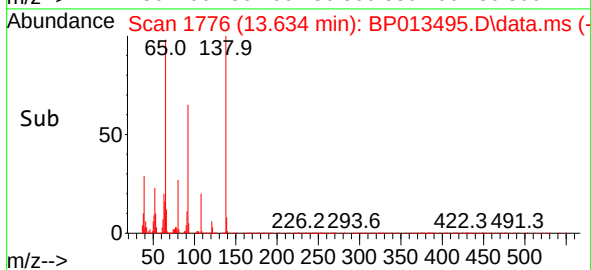
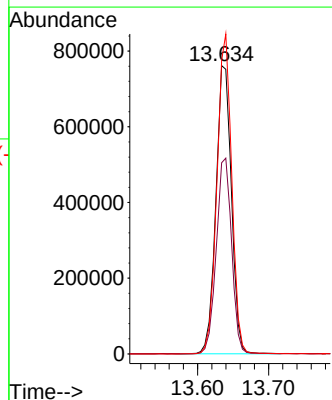
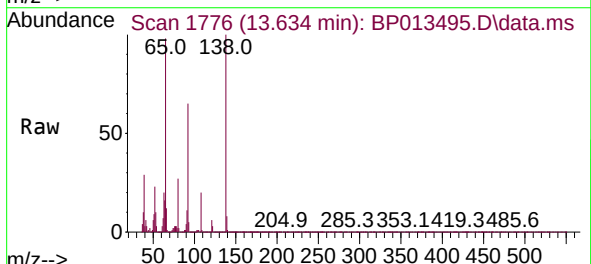
APPROVED

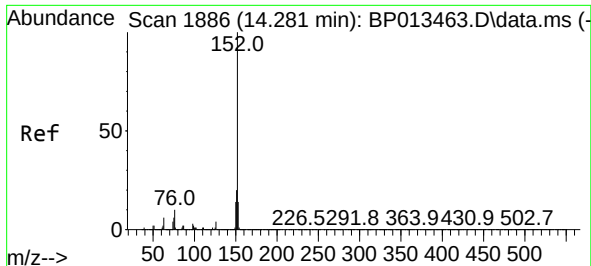
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#48
2-Nitroaniline
Concen: 41.445 ng
RT: 13.634 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

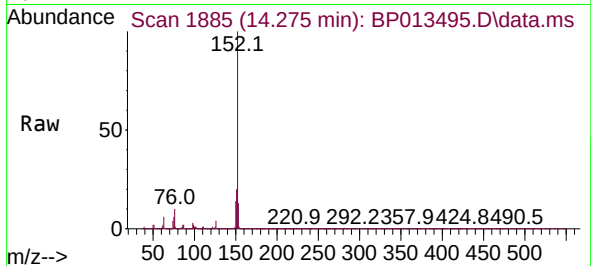
Tgt Ion: 65 Resp: 1156418
Ion Ratio Lower Upper
65 100
92 66.3 55.1 82.7
138 101.8 88.5 132.7





#49
Acenaphthylene
Concen: 41.010 ng
RT: 14.275 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

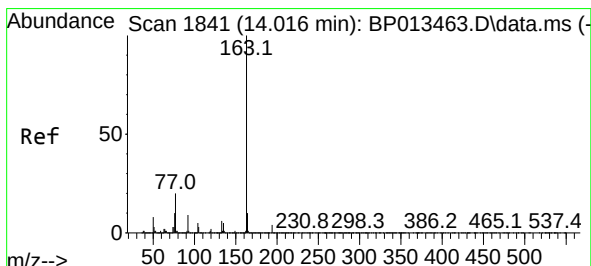
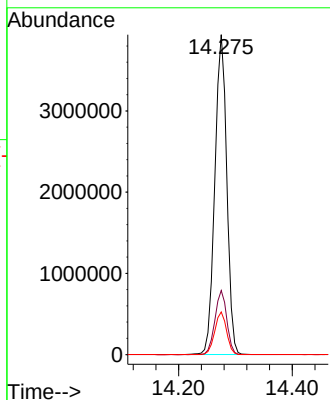
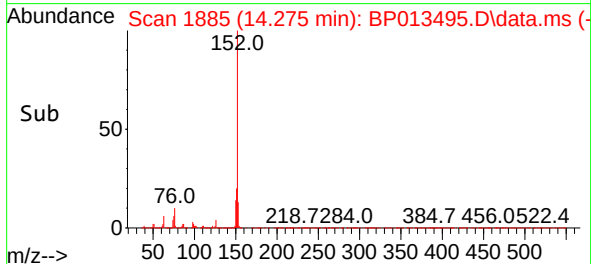
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



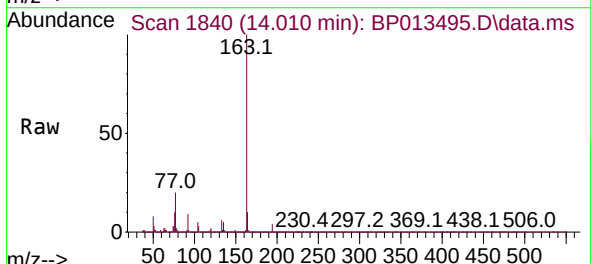
Tgt Ion:152 Resp: 5732972
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.3 10.9 16.3

Manual Integrations
APPROVED

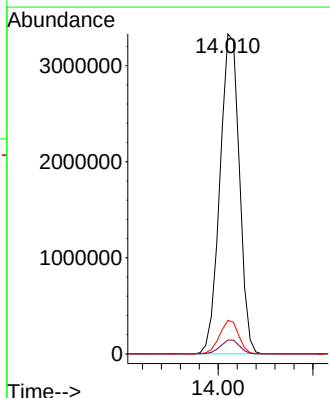
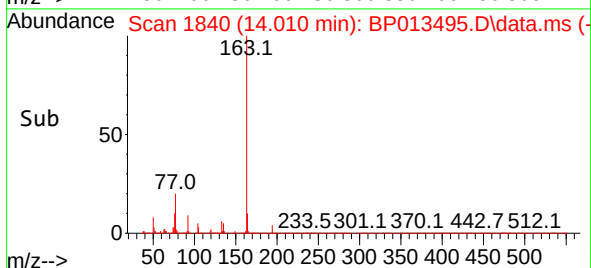
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

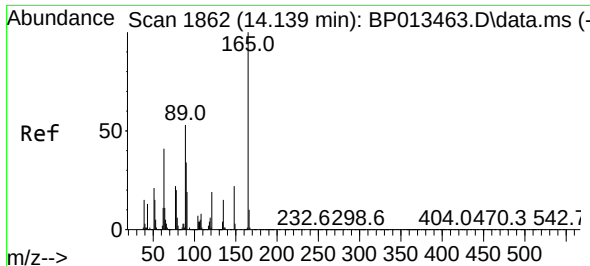


#50
Dimethylphthalate
Concen: 40.933 ng
RT: 14.010 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



Tgt Ion:163 Resp: 4745065
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 41.338 ng
RT: 14.134 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

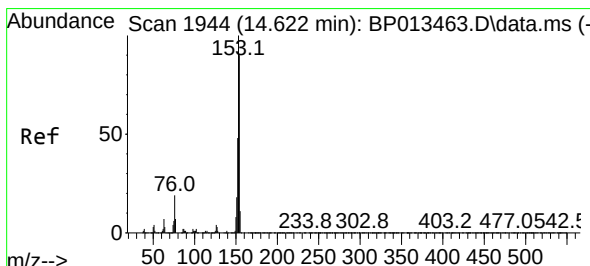
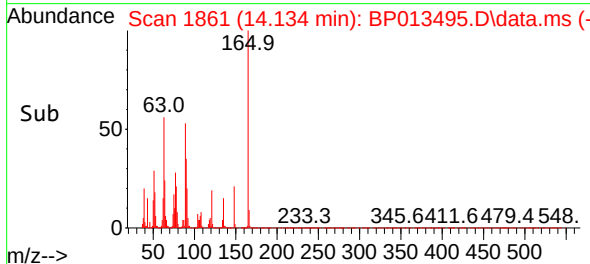
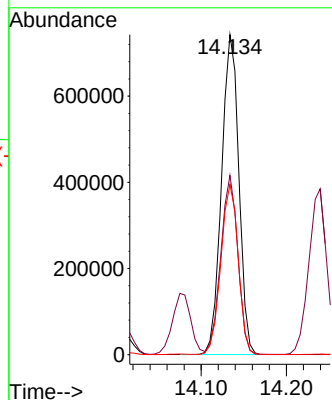
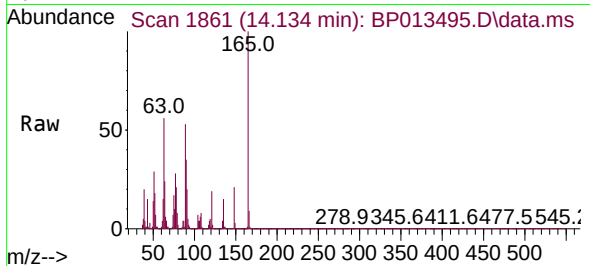
SSTDCCC040EC

Tgt Ion:165 Resp: 104536
Ion Ratio Lower Upper
165 100
63 56.0 42.8 64.2
89 53.2 42.5 63.7

Manual Integrations

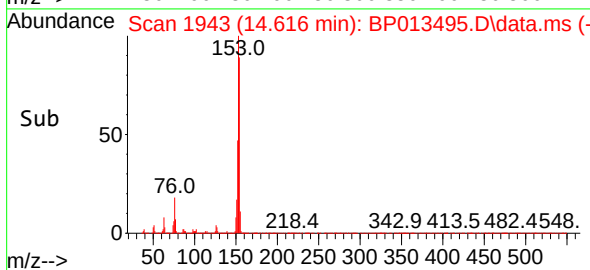
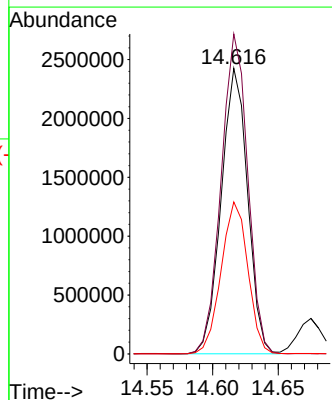
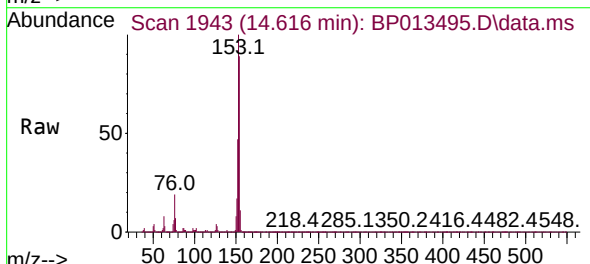
APPROVED

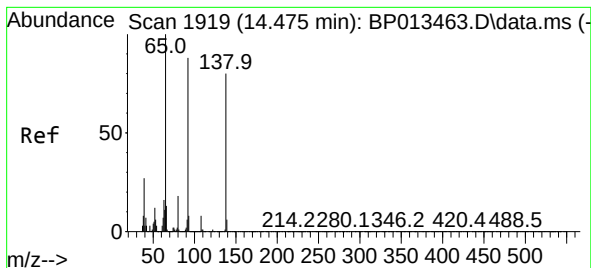
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#52
Acenaphthene
Concen: 41.218 ng
RT: 14.616 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

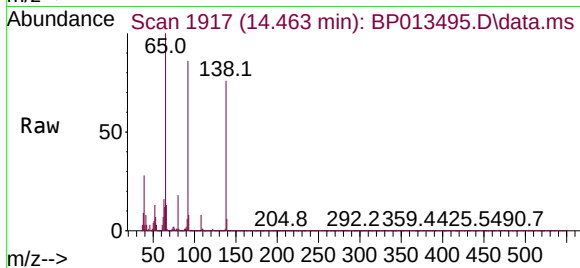
Tgt Ion:154 Resp: 3410409
Ion Ratio Lower Upper
154 100
153 112.1 89.2 133.8
152 53.2 42.8 64.2





#53
3-Nitroaniline
Concen: 41.070 ng
RT: 14.463 min Scan# 1919
Delta R.T. -0.012 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

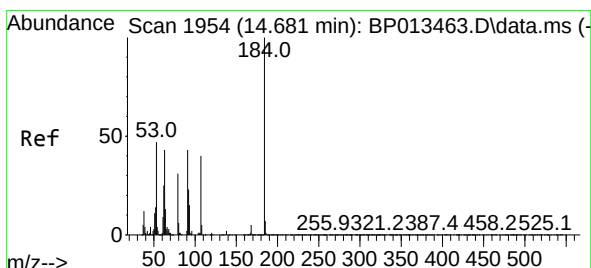
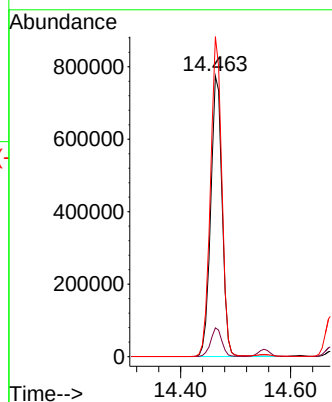
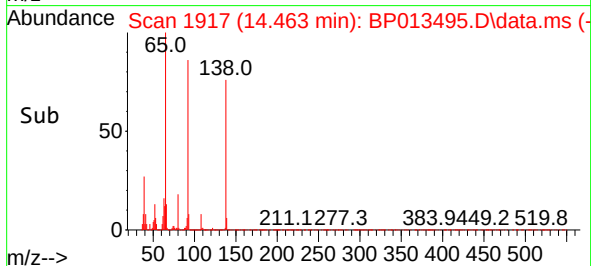
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



Tgt Ion:138 Resp: 111115
Ion Ratio Lower Upper
138 100
108 10.2 7.7 11.5
92 114.1 88.2 132.2

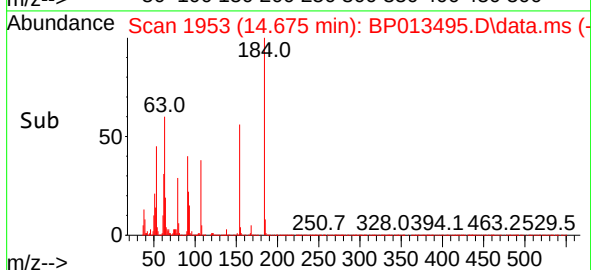
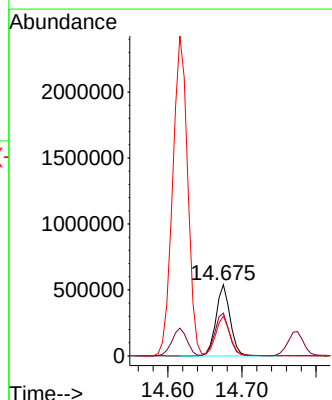
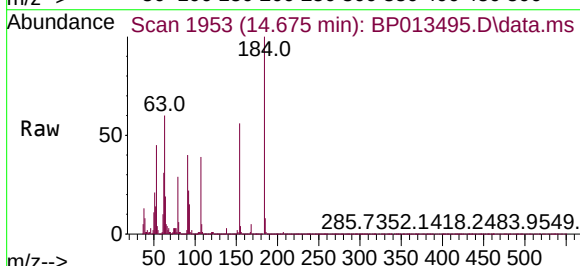
Manual Integrations
APPROVED

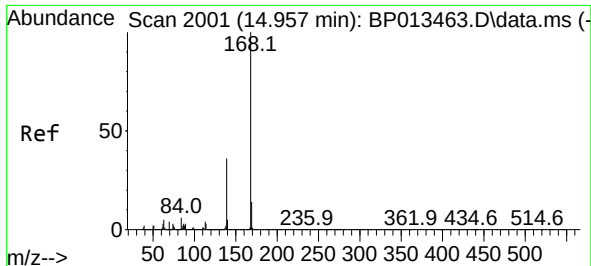
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#54
2,4-Dinitrophenol
Concen: 41.539 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

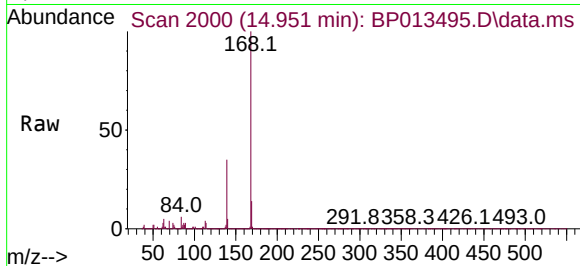
Tgt Ion:184 Resp: 713772
Ion Ratio Lower Upper
184 100
63 60.0 49.8 74.8
154 55.8 45.8 68.8





#55
Dibenzenofuran
Concen: 41.209 ng
RT: 14.951 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

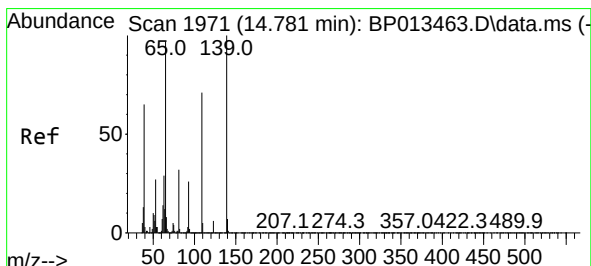
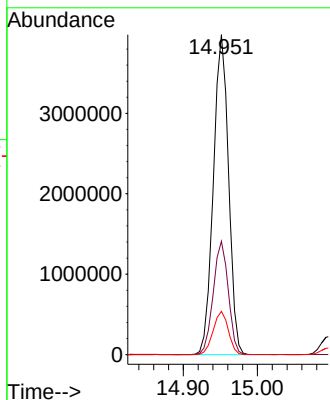
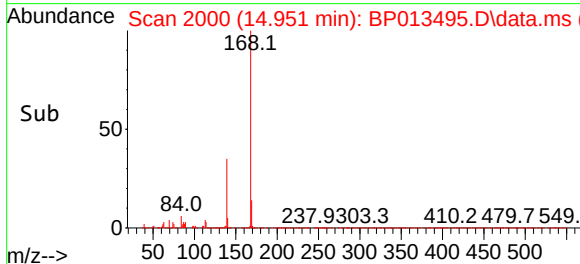
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



Tgt Ion:168 Resp: 5653260
Ion Ratio Lower Upper
168 100
139 35.4 28.6 43.0
169 13.6 11.0 16.6

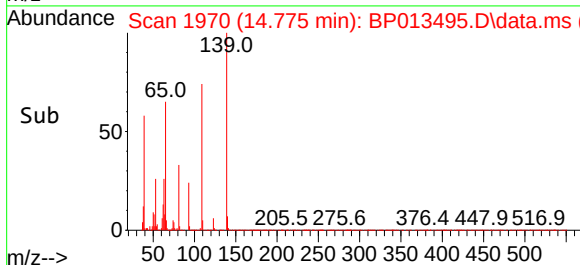
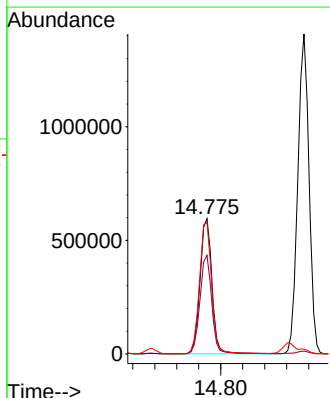
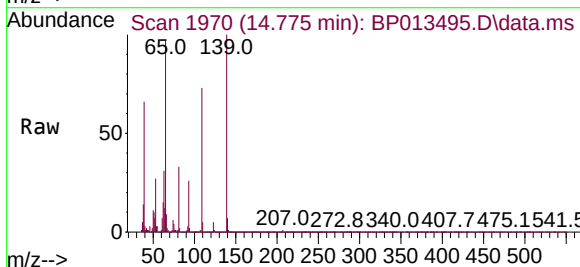
Manual Integrations
APPROVED

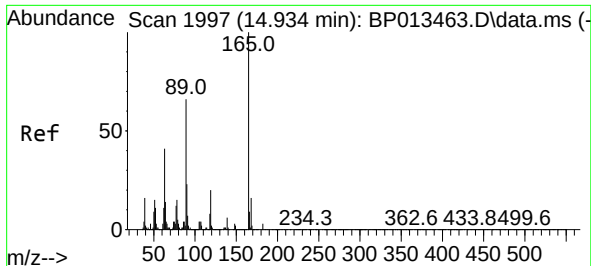
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#56
4-Nitrophenol
Concen: 41.216 ng
RT: 14.775 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Tgt Ion:139 Resp: 895957
Ion Ratio Lower Upper
139 100
109 72.8 51.0 91.0
65 97.4 77.3 117.3





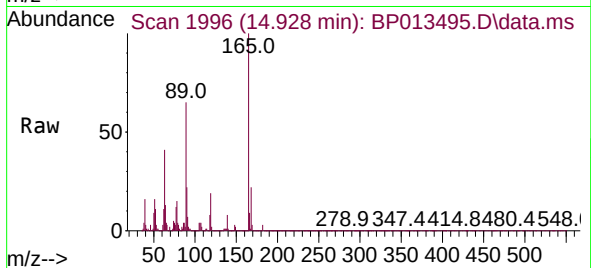
#57
2,4-Dinitrotoluene
Concen: 41.433 ng
RT: 14.928 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

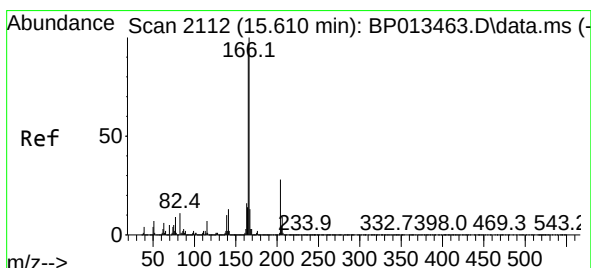
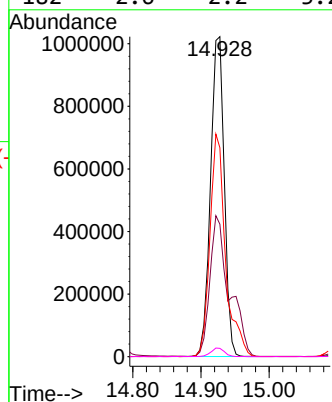
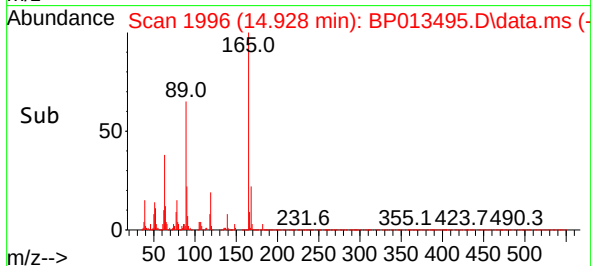


Tgt Ion:165 Resp: 1432789
Ion Ratio Lower Upper
165 100
63 41.4 33.3 49.9
89 65.3 52.6 78.8
182 2.6 2.2 3.2

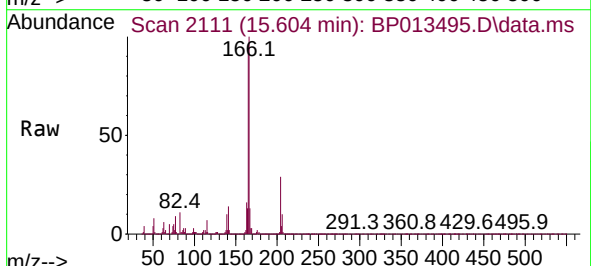
Manual Integrations

APPROVED

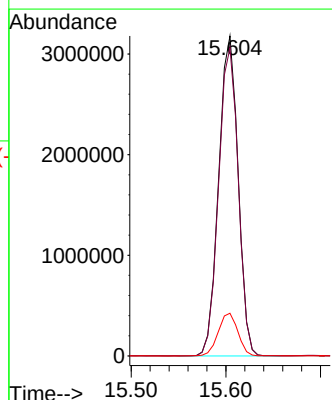
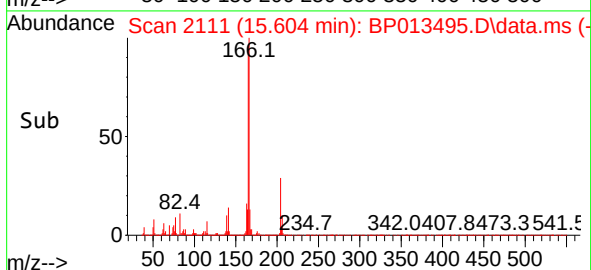
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

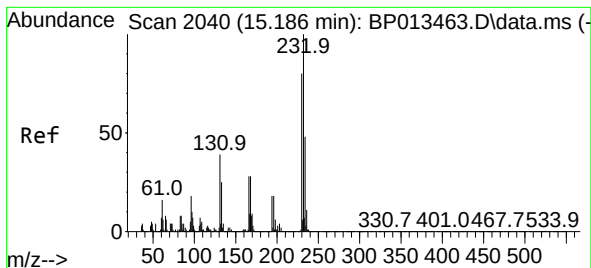


#58
Fluorene
Concen: 41.787 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



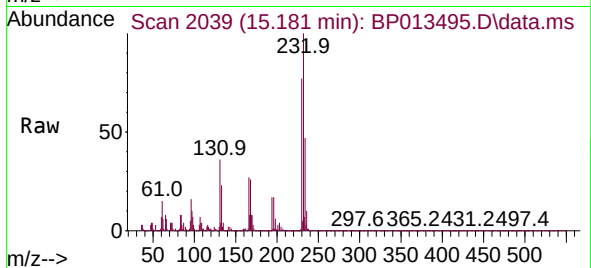
Tgt Ion:166 Resp: 4523745
Ion Ratio Lower Upper
166 100
165 96.3 77.9 116.9
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.768 ng
RT: 15.181 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

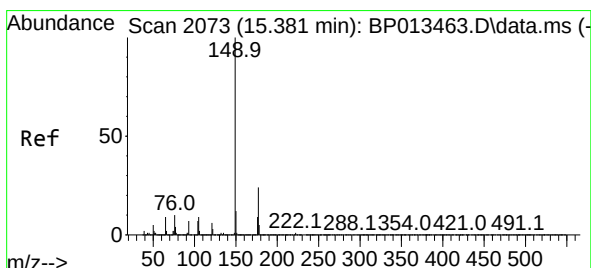
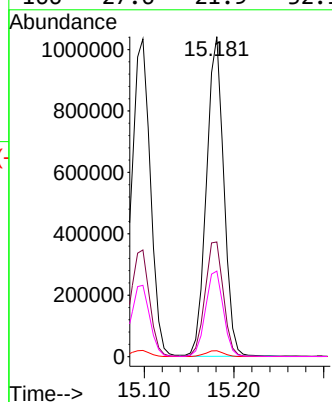
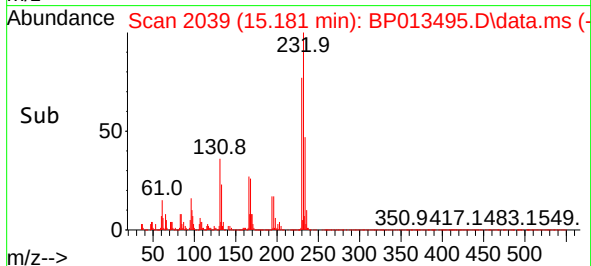
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



Tgt Ion:232 Resp: 1396301
Ion Ratio Lower Upper
232 100
131 38.0 30.3 45.5
130 1.9 1.7 2.5
166 27.6 21.9 32.9

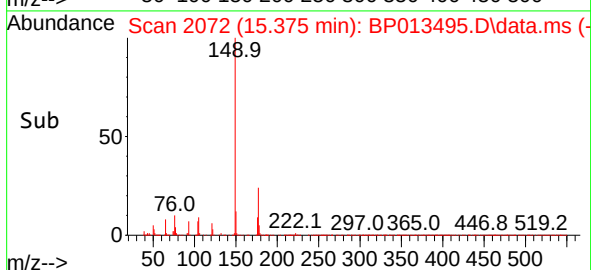
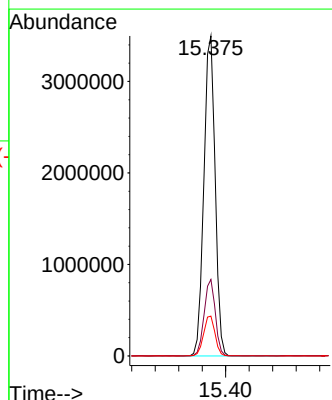
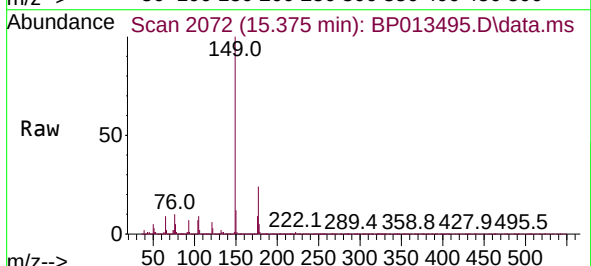
Manual Integrations
APPROVED

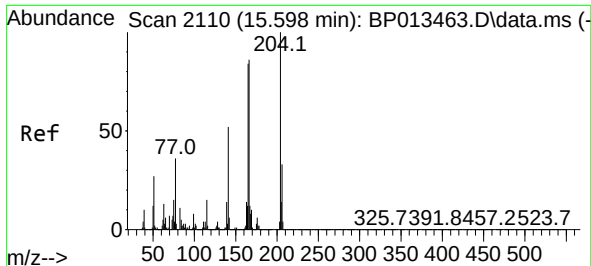
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#60
Diethylphthalate
Concen: 40.999 ng
RT: 15.375 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

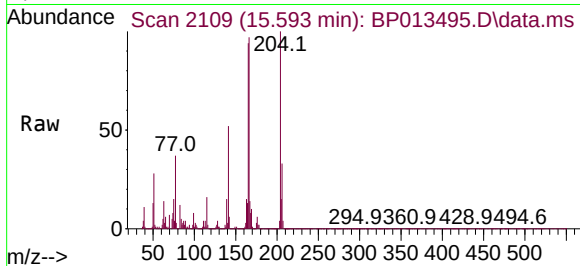
Tgt Ion:149 Resp: 4650824
Ion Ratio Lower Upper
149 100
177 23.9 18.8 28.2
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.237 ng
RT: 15.593 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

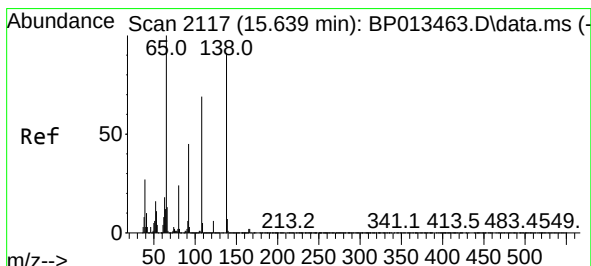
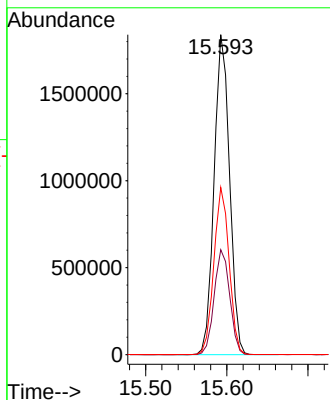
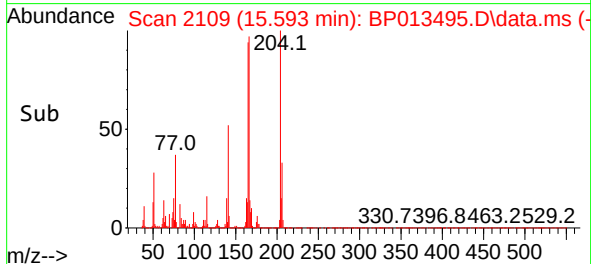
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



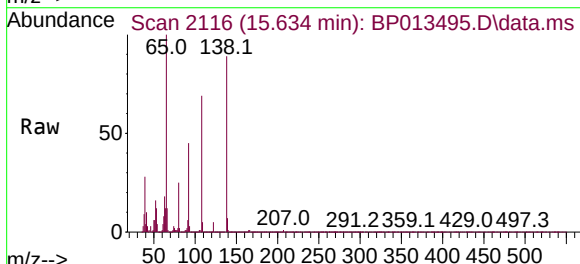
Tgt Ion: 204 Resp: 2428290
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 52.2 41.3 61.9

Manual Integrations
APPROVED

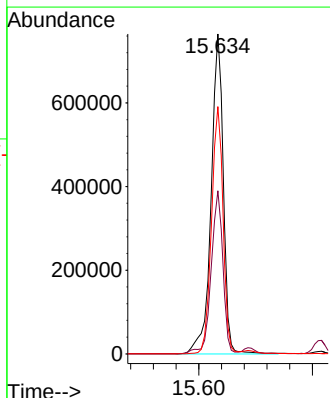
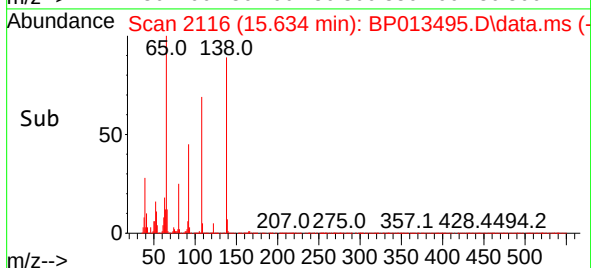
Reviewed By : Christian Giraldo 01/18/2023
Supervised By : Jagrut Upadhyay 01/18/2023

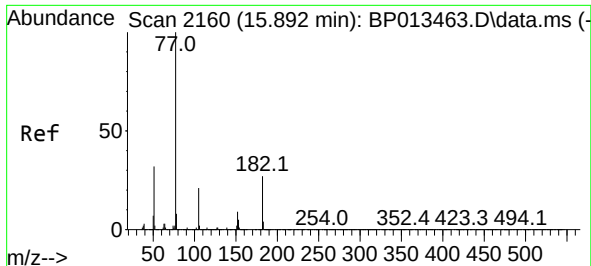


#62
4-Nitroaniline
Concen: 41.339 ng
RT: 15.634 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



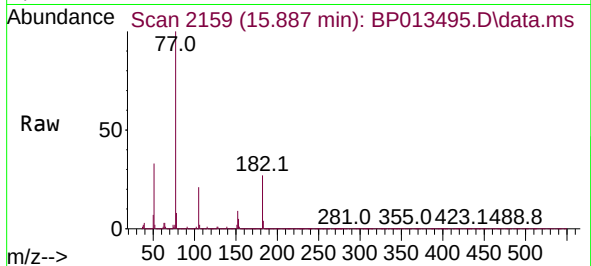
Tgt Ion: 138 Resp: 1145053
Ion Ratio Lower Upper
138 100
92 51.0 29.7 69.7
108 77.3 55.8 95.8





#63
Azobenzene
Concen: 41.893 ng
RT: 15.887 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

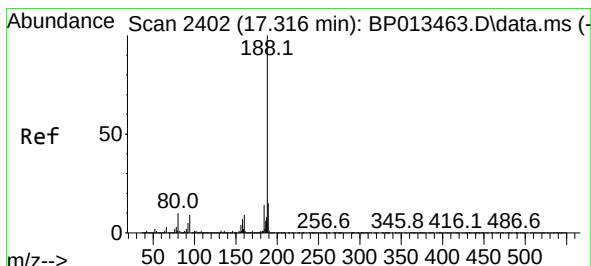
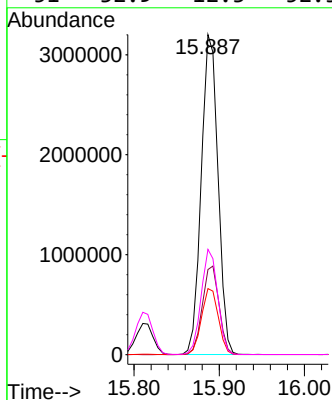
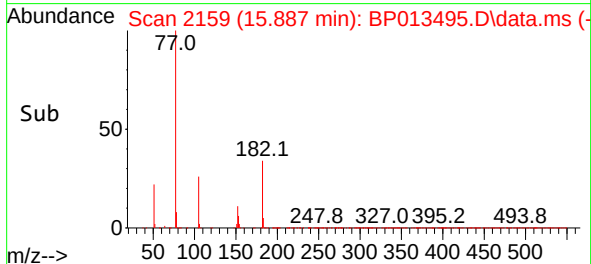
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



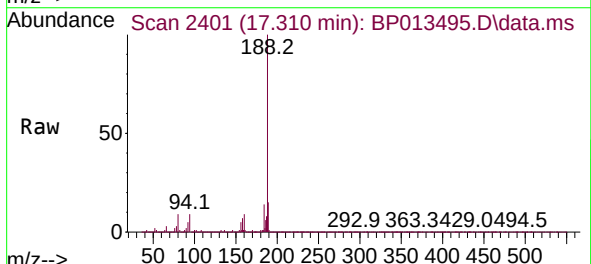
Tgt Ion: 77 Resp: 436357
Ion Ratio Lower Upper
77 100
182 26.6 7.0 47.0
105 20.7 1.0 41.0
51 32.9 12.3 52.3

Manual Integrations
APPROVED

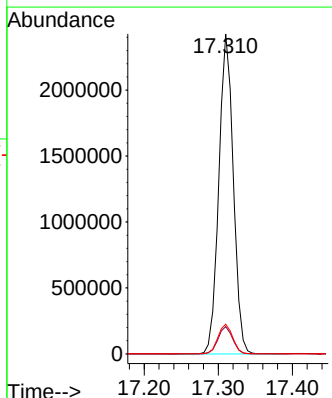
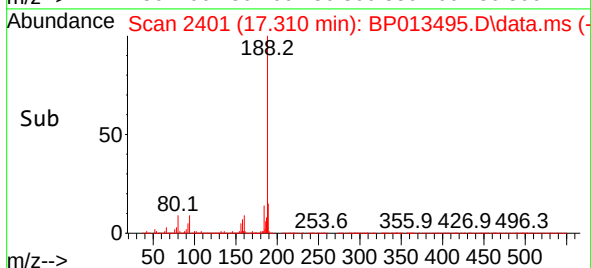
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

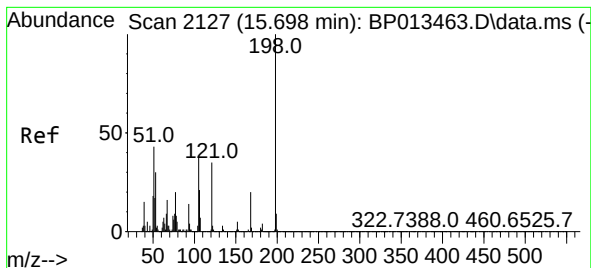


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



Tgt Ion:188 Resp: 3281890
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.3 7.9 11.9





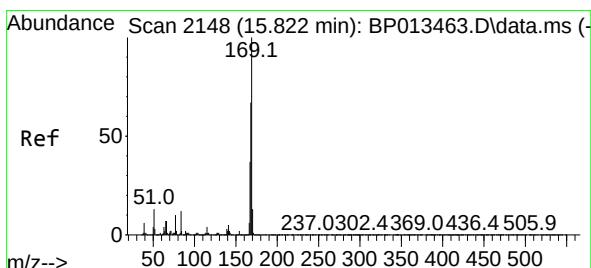
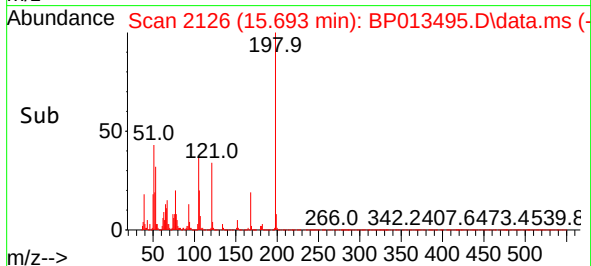
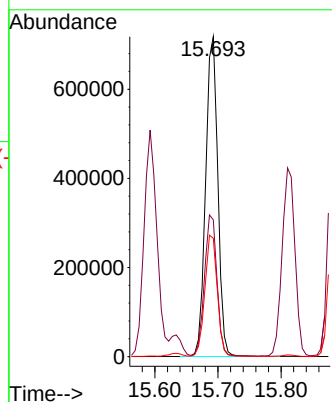
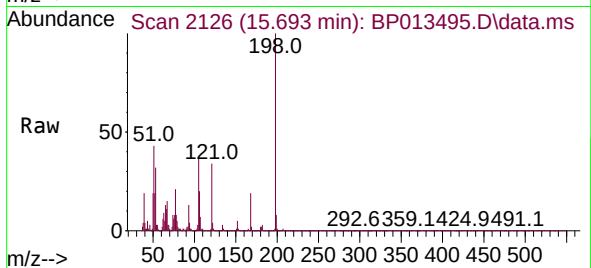
#65
4,6-Dinitro-2-methylphenol
Concen: 42.836 ng
RT: 15.693 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 961424
Ion Ratio Lower Upper
198 100
51 42.7 23.6 63.6
105 37.0 17.9 57.9

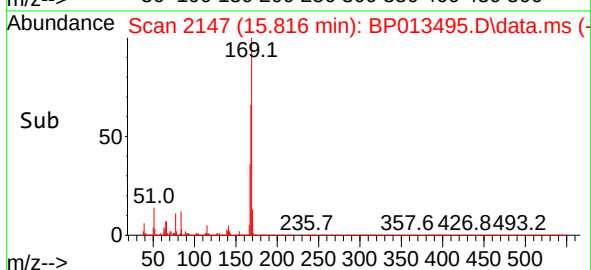
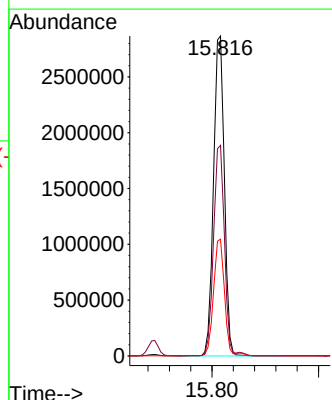
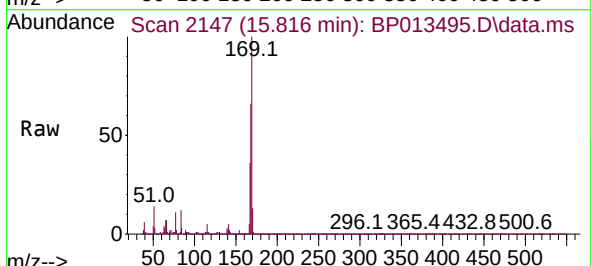
Manual Integrations
APPROVED

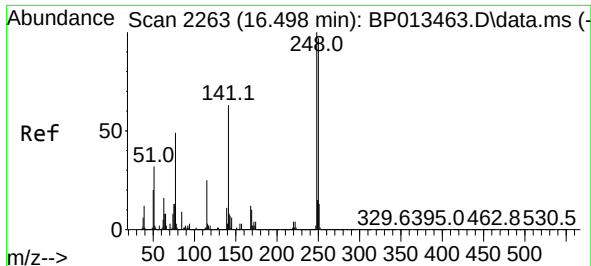
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#66
n-Nitrosodiphenylamine
Concen: 41.913 ng
RT: 15.816 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

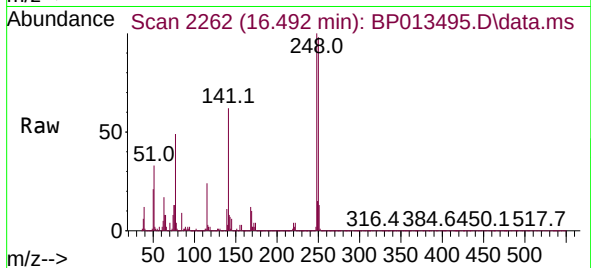
Tgt Ion:169 Resp: 4041923
Ion Ratio Lower Upper
169 100
168 65.8 53.3 79.9
167 36.5 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 42.096 ng
RT: 16.492 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

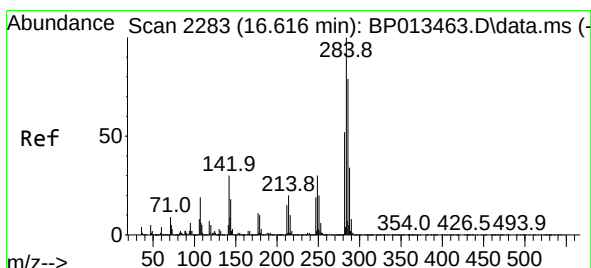
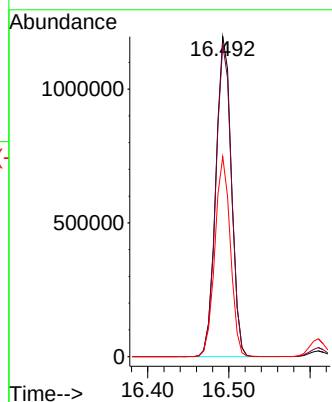
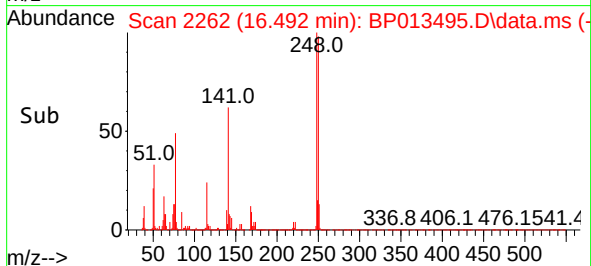
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



Tgt Ion:248 Resp: 1590401
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 62.5 50.2 75.4

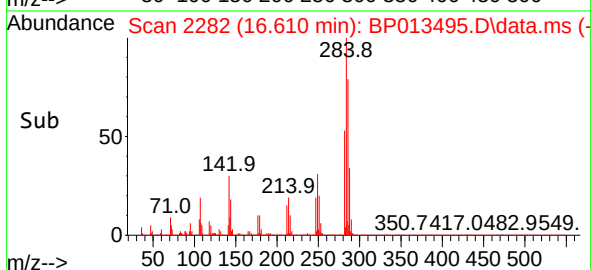
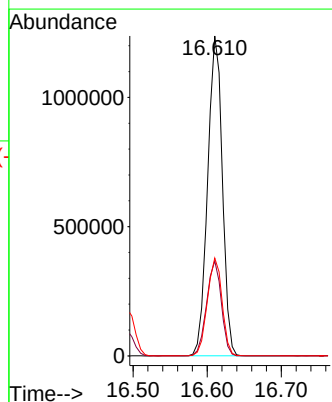
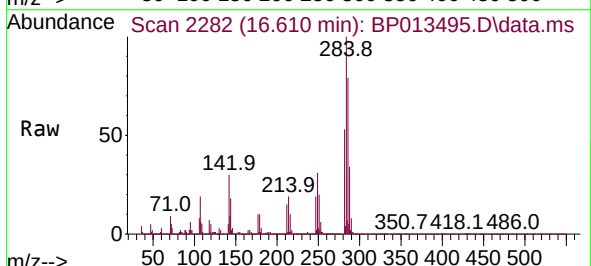
Manual Integrations
APPROVED

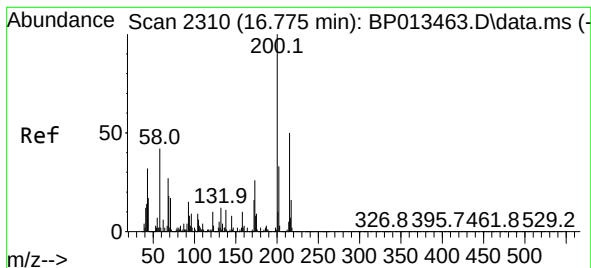
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#68
Hexachlorobenzene
Concen: 41.343 ng
RT: 16.610 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Tgt Ion:284 Resp: 1700915
Ion Ratio Lower Upper
284 100
142 29.7 23.9 35.9
249 30.6 24.1 36.1





#69

Atrazine

Concen: 41.235 ng

RT: 16.769 min Scan# 2309

Delta R.T. -0.006 min

Lab File: BP013495.D

Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

Tgt Ion:200 Resp: 145641

Ion Ratio Lower Upper

200 100

173 25.2 5.9 45.9

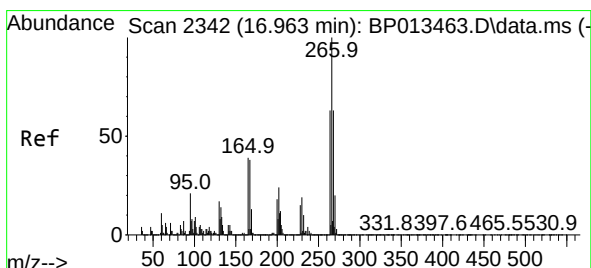
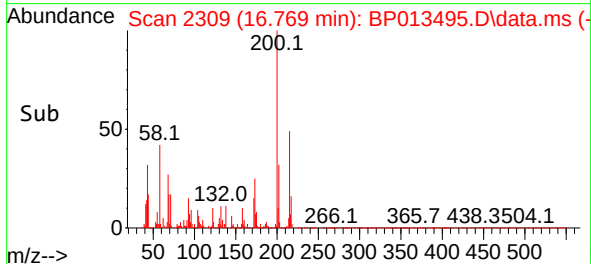
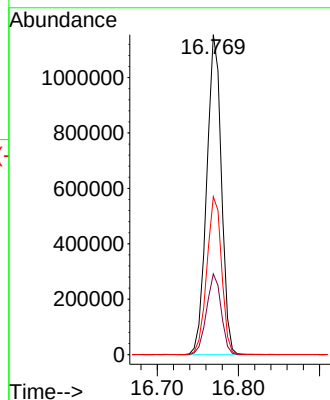
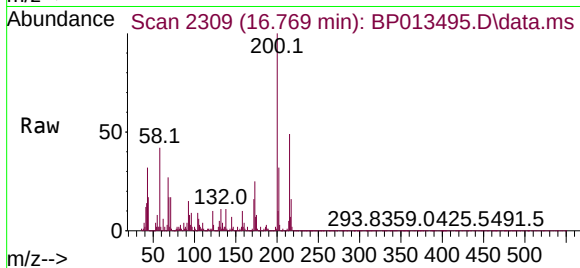
215 49.3 30.0 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#70

Pentachlorophenol

Concen: 43.339 ng

RT: 16.957 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BP013495.D

Acq: 17 Jan 2023 14:23

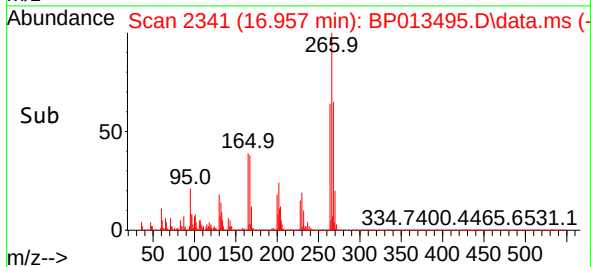
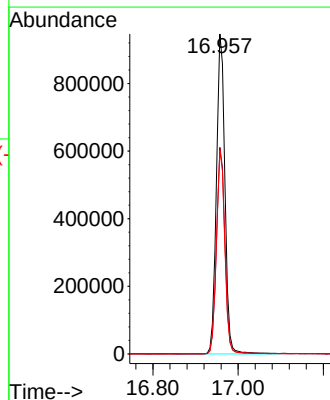
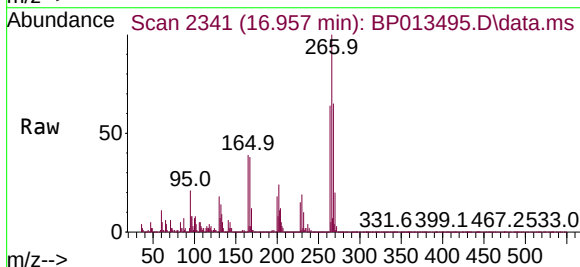
Tgt Ion:266 Resp: 1306803

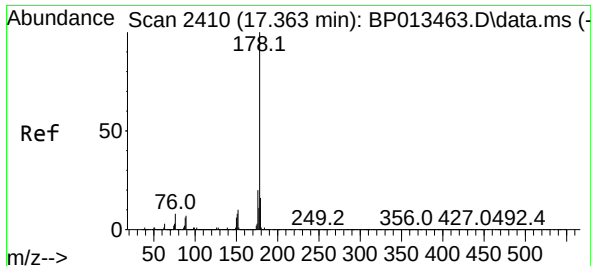
Ion Ratio Lower Upper

266 100

268 64.6 50.7 76.1

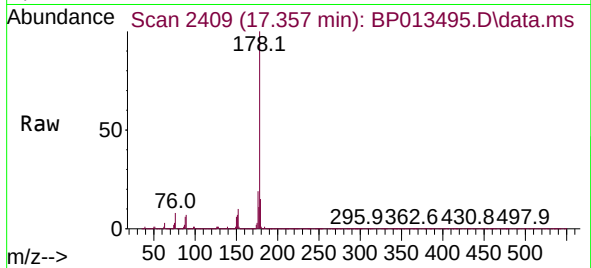
264 63.7 50.4 75.6





#71
Phenanthrene
Concen: 41.517 ng
RT: 17.357 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

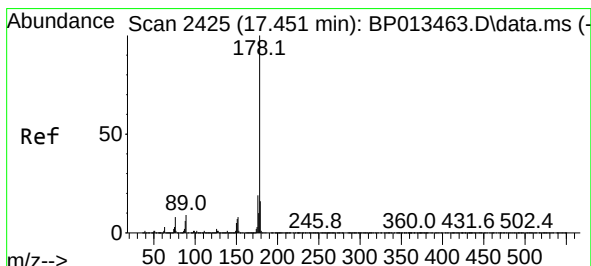
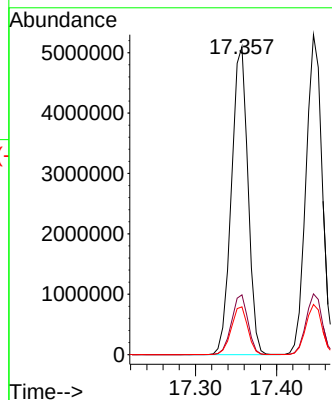
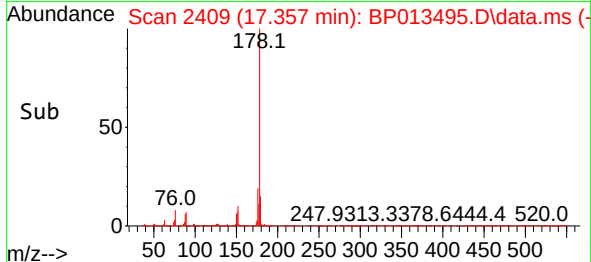
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



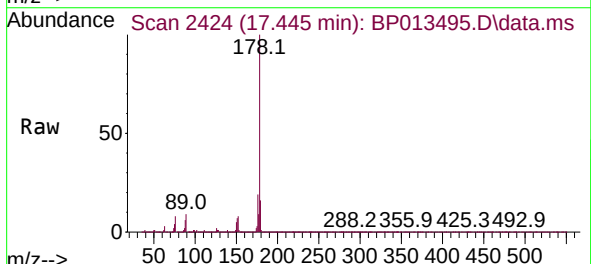
Tgt Ion:178 Resp: 7189197
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.5 12.6 19.0

Manual Integrations
APPROVED

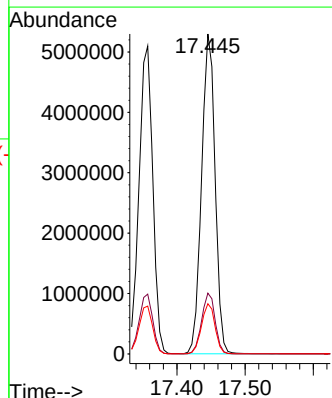
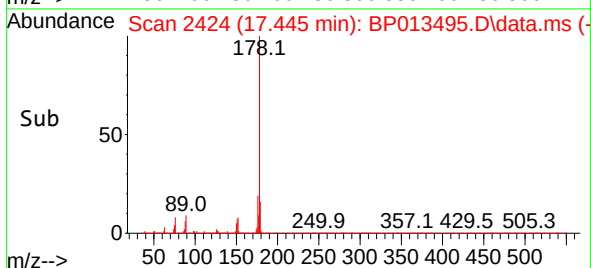
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

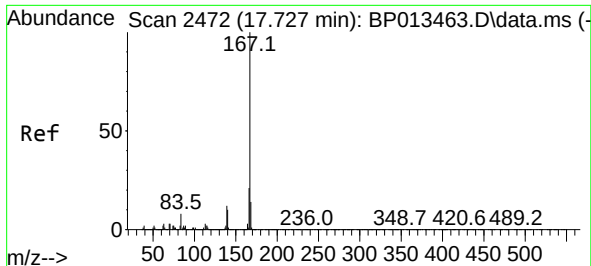


#72
Anthracene
Concen: 41.527 ng
RT: 17.445 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



Tgt Ion:178 Resp: 7317229
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.7 12.6 18.8





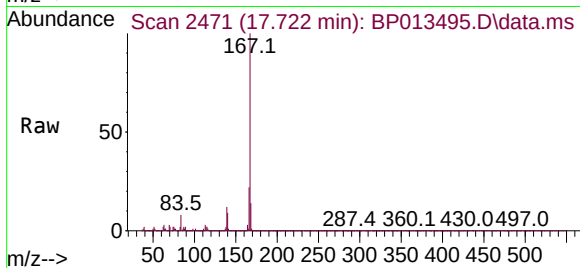
#73
 Carbazole
 Concen: 40.780 ng
 RT: 17.722 min Scan# 2472
 Delta R.T. -0.006 min
 Lab File: BP013495.D
 Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

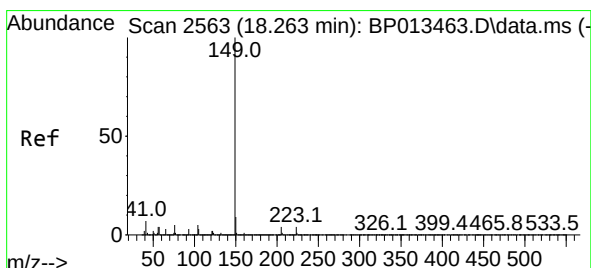
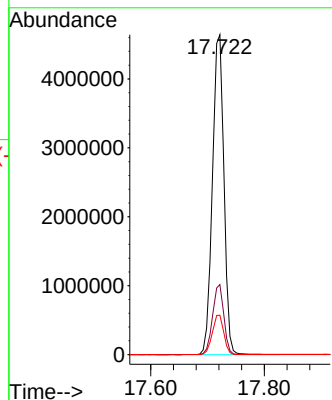
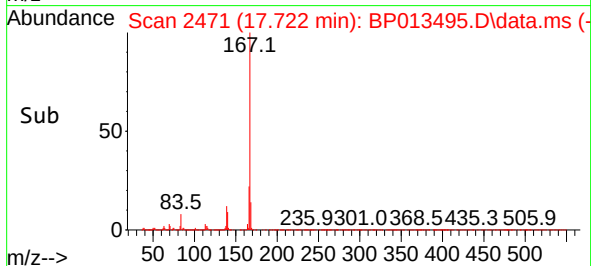


Tgt Ion:167 Resp: 6544638
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.3 9.9 14.9

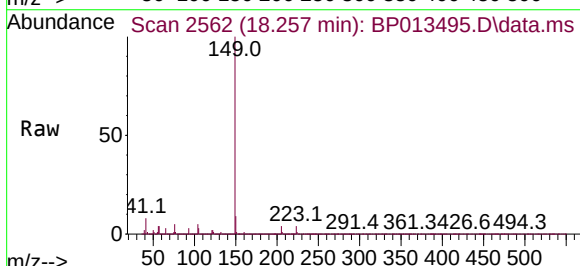
Manual Integrations

APPROVED

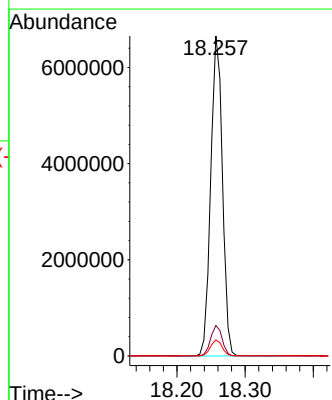
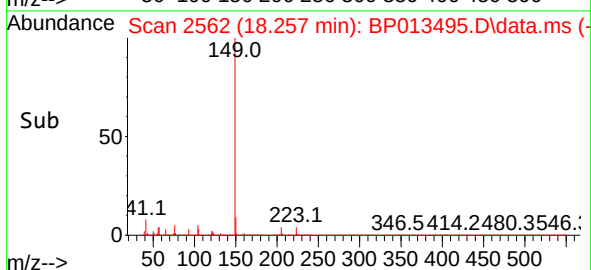
Reviewed By :Christian Giraldo 01/18/2023
 Supervised By :Jagrut Upadhyay 01/18/2023

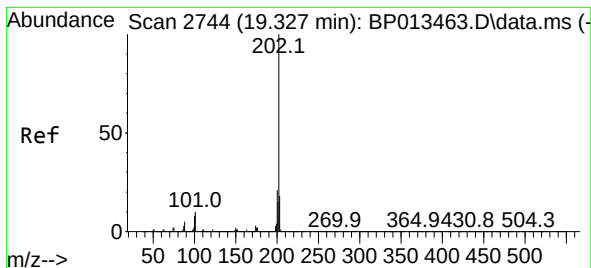


#74
 Di-n-butylphthalate
 Concen: 42.441 ng
 RT: 18.257 min Scan# 2562
 Delta R.T. -0.006 min
 Lab File: BP013495.D
 Acq: 17 Jan 2023 14:23



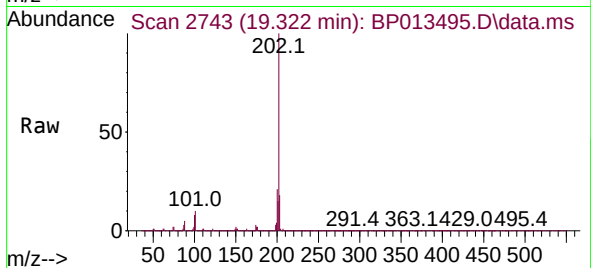
Tgt Ion:149 Resp: 7905938
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 41.326 ng
RT: 19.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

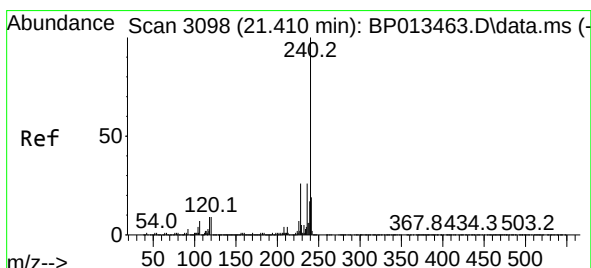
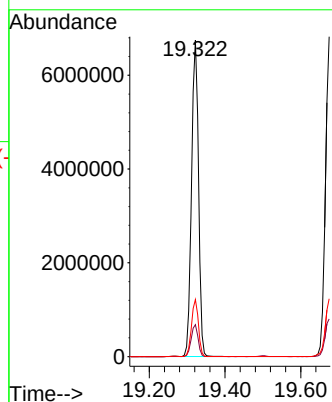
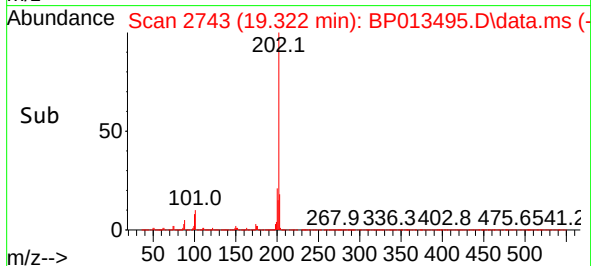
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



Tgt Ion:202 Resp: 859589
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.3
203 18.0 0.0 37.9

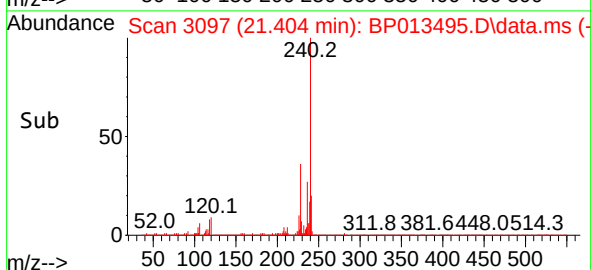
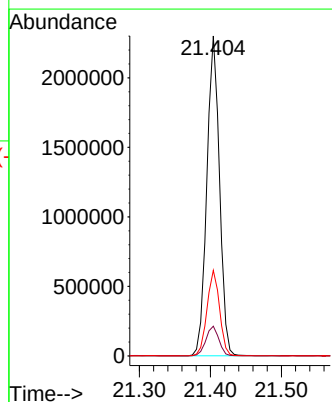
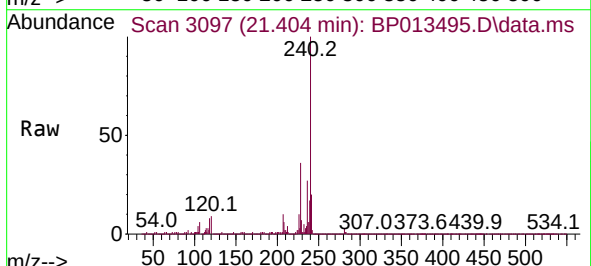
Manual Integrations
APPROVED

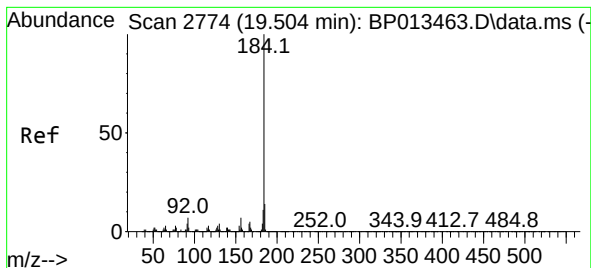
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Tgt Ion:240 Resp: 2831813
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 26.7 21.2 31.8





#77

Benzidine

Concen: 42.129 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013495.D

Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

Tgt Ion:184 Resp: 3544918

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

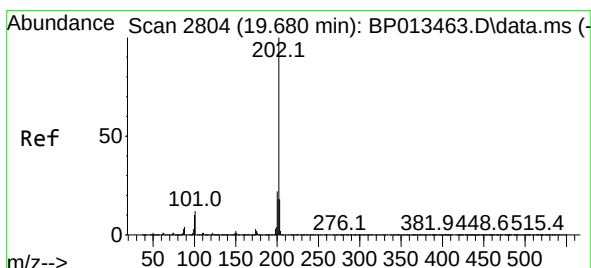
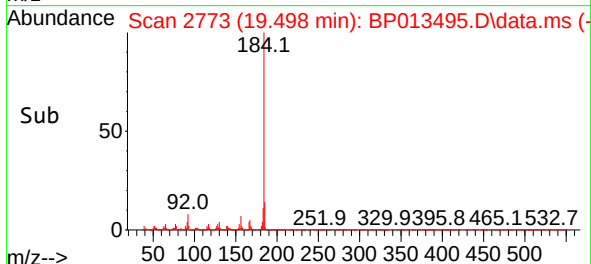
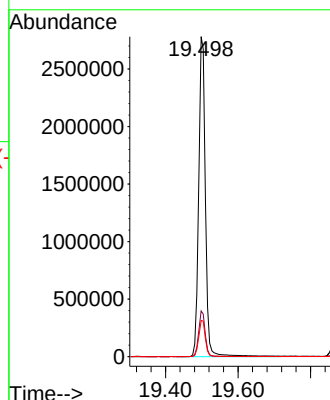
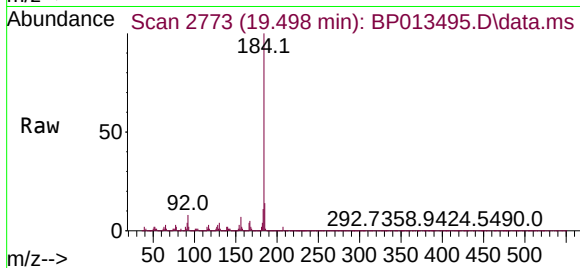
183 11.3 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#78

Pyrene

Concen: 47.159 ng

RT: 19.675 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BP013495.D

Acq: 17 Jan 2023 14:23

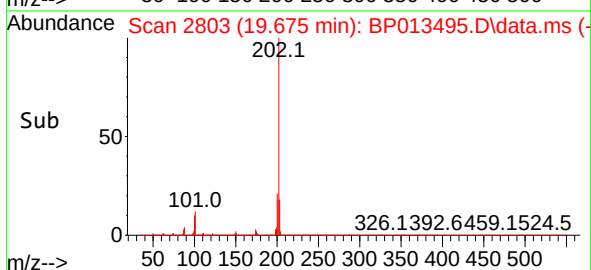
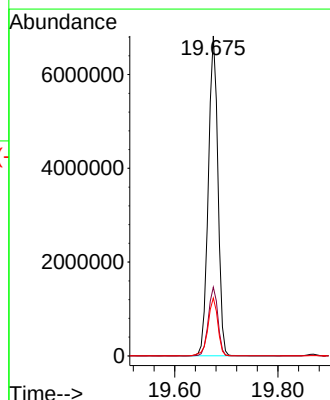
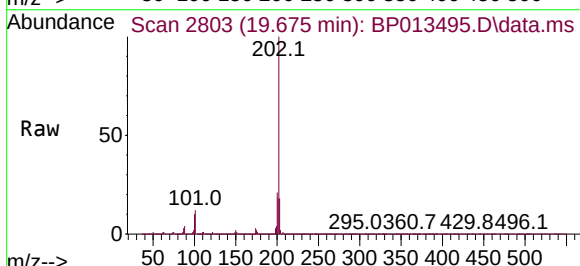
Tgt Ion:202 Resp: 8783440

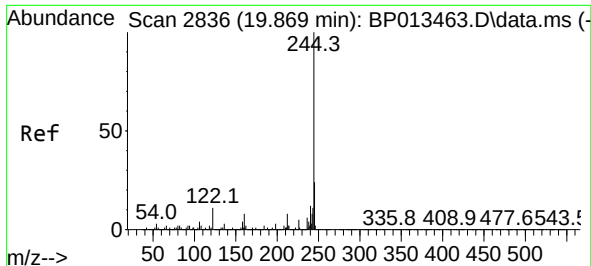
Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

203 18.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 86.070 ng
 RT: 19.863 min Scan# 2836
 Delta R.T. -0.006 min
 Lab File: BP013495.D
 Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

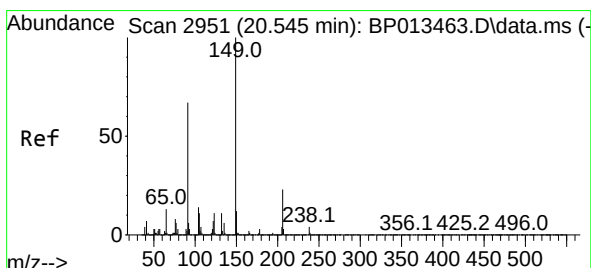
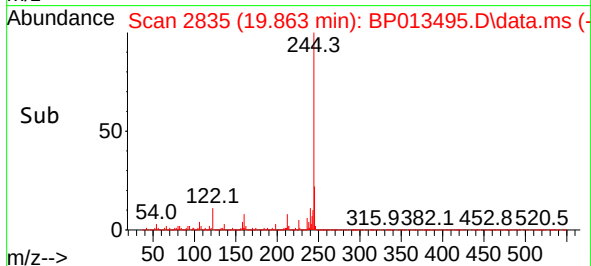
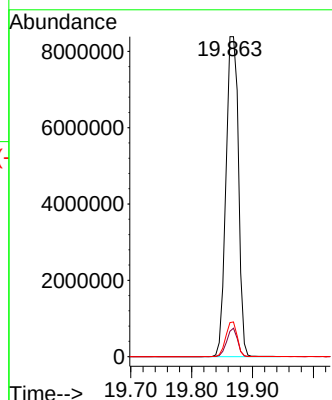
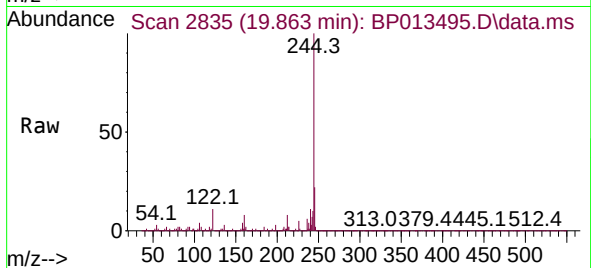
SSTDCCC040EC

Tgt Ion:244 Resp:11921926
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.8 10.2
 122 10.6 8.8 13.2

Manual Integrations

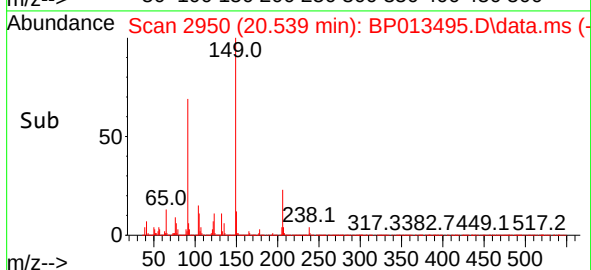
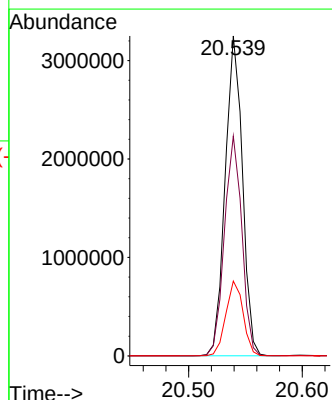
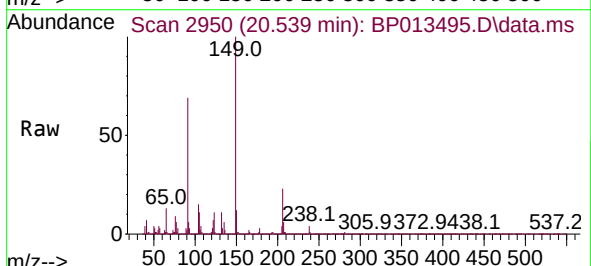
APPROVED

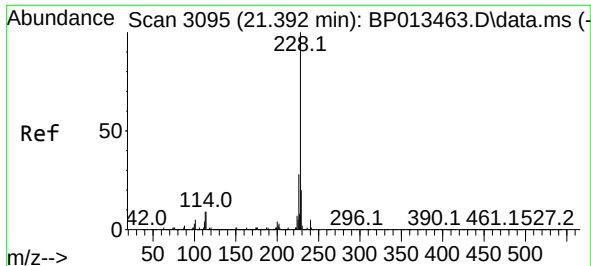
Reviewed By :Christian Giraldo 01/18/2023
 Supervised By :Jagrut Upadhyay 01/18/2023



#80
 Butylbenzylphthalate
 Concen: 42.551 ng
 RT: 20.539 min Scan# 2950
 Delta R.T. -0.006 min
 Lab File: BP013495.D
 Acq: 17 Jan 2023 14:23

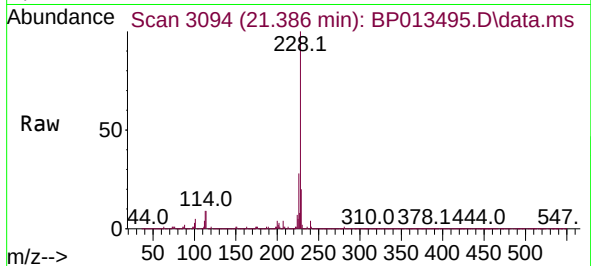
Tgt Ion:149 Resp: 3425839
 Ion Ratio Lower Upper
 149 100
 91 68.7 53.2 79.8
 206 23.4 18.8 28.2





#81
Benzo(a)anthracene
Concen: 42.788 ng
RT: 21.386 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

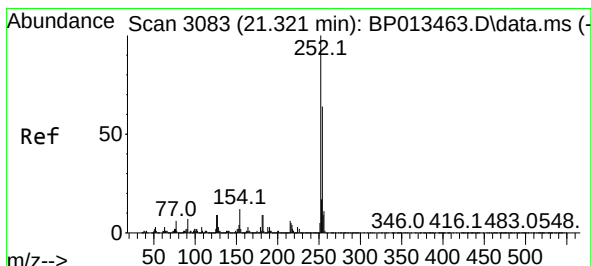
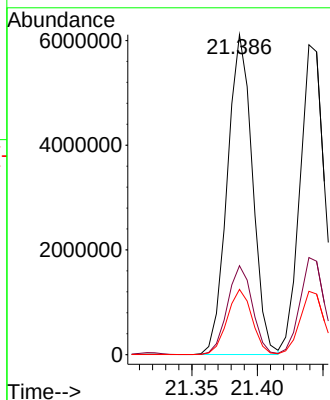
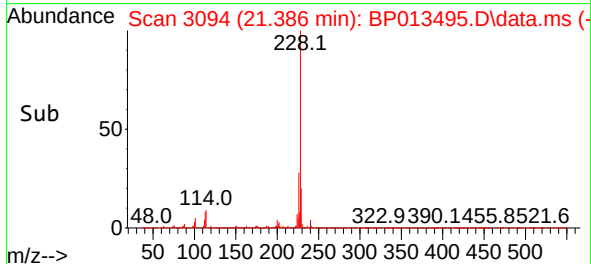
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



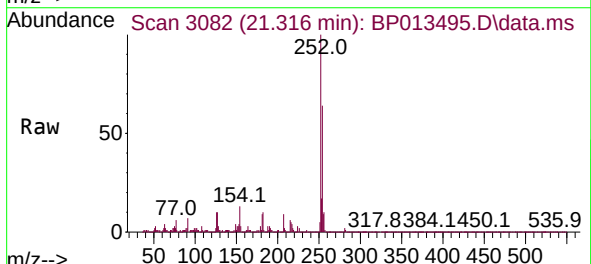
Tgt Ion:228 Resp: 8159928
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 20.4 16.4 24.6

Manual Integrations
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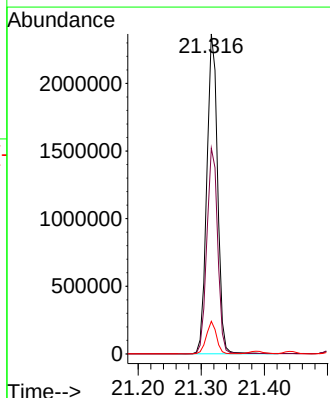
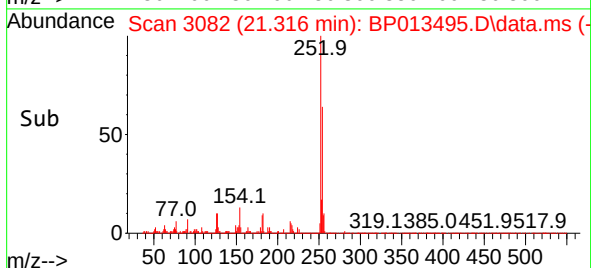
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

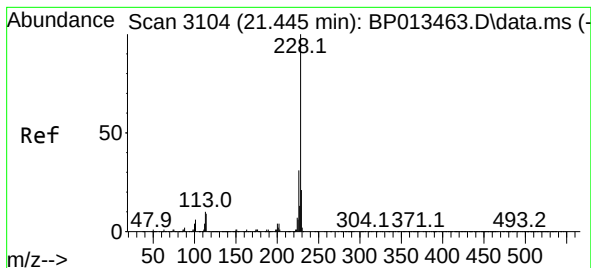


#82
3,3'-Dichlorobenzidine
Concen: 39.227 ng
RT: 21.316 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



Tgt Ion:252 Resp: 2794999
Ion Ratio Lower Upper
252 100
254 64.3 51.0 76.6
126 10.2 7.6 11.4





#83

Chrysene

Concen: 42.460 ng

RT: 21.439 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP013495.D

Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 7650856

Ion Ratio Lower Upper

228 100

226 31.3 25.1 37.7

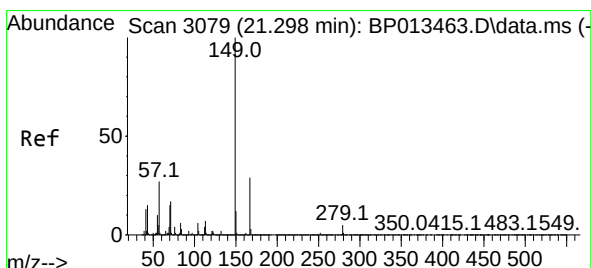
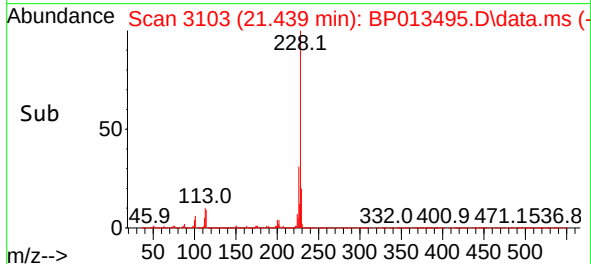
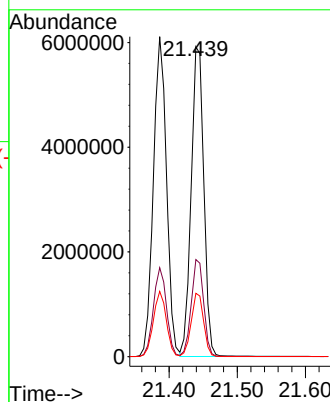
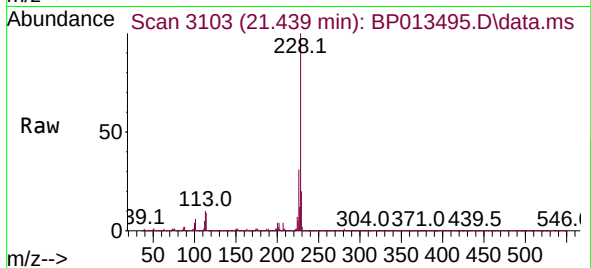
229 20.4 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.562 ng

RT: 21.298 min Scan# 3079

Delta R.T. 0.000 min

Lab File: BP013495.D

Acq: 17 Jan 2023 14:23

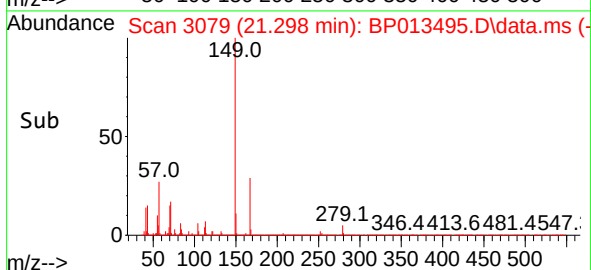
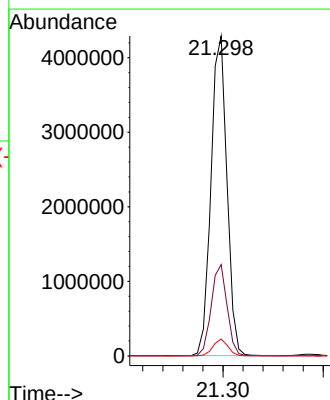
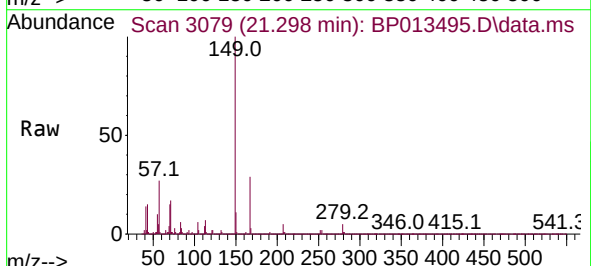
Tgt Ion:149 Resp: 4725833

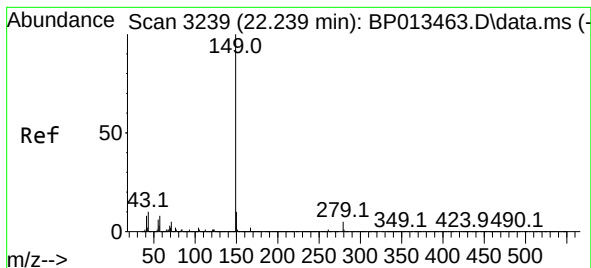
Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.4

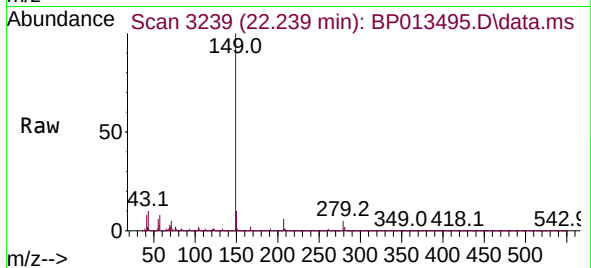
279 5.3 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 36.043 ng
RT: 22.239 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

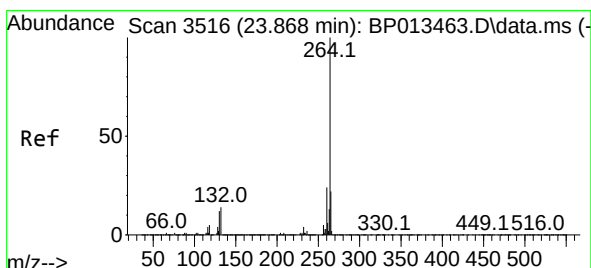
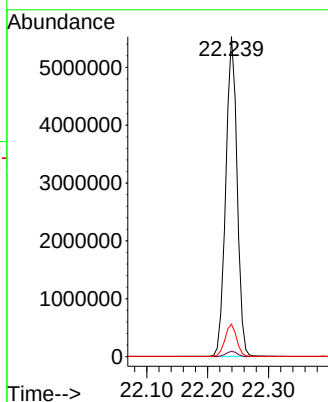
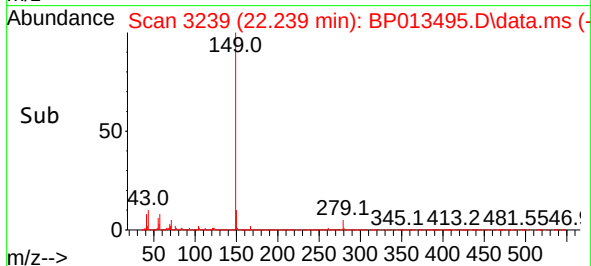
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



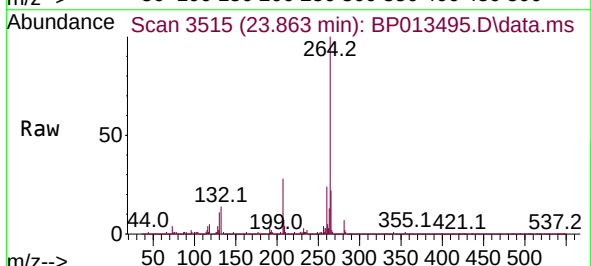
Tgt Ion:149 Resp: 7128904
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.4 7.9 11.9

Manual Integrations
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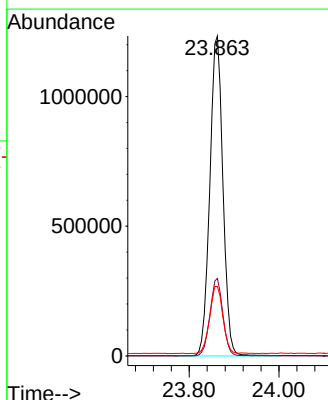
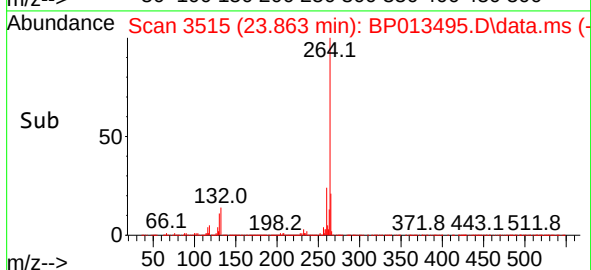
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

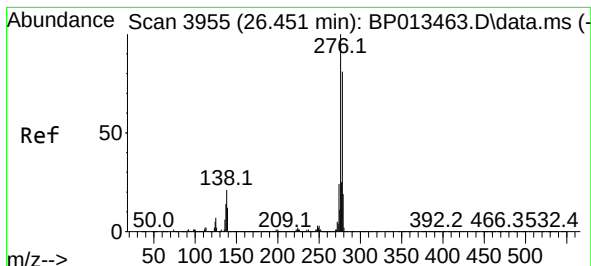


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.863 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23



Tgt Ion:264 Resp: 2506283
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 21.7 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.519 ng

RT: 26.433 min Scan# 3955

Delta R.T. -0.017 min

Lab File: BP013495.D

Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 6619012

Ion Ratio Lower Upper

276 100

138 21.0 17.0 25.4

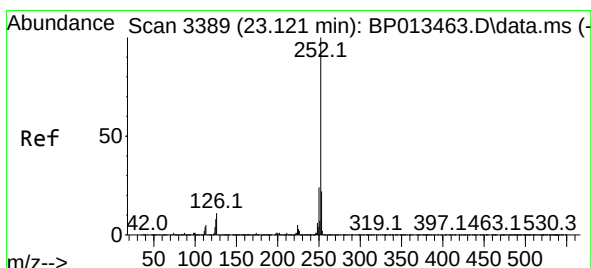
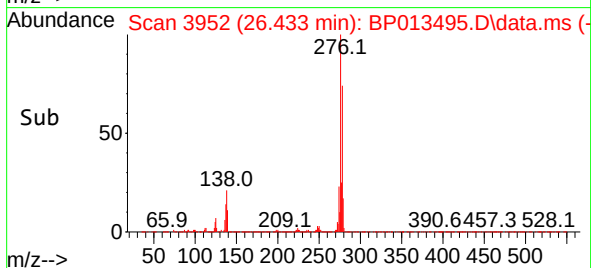
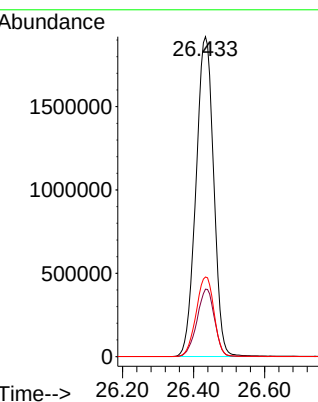
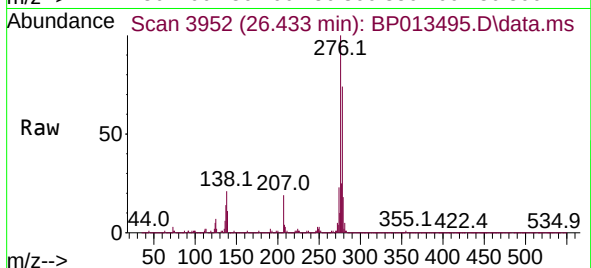
277 25.2 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#88

Benzo(b)fluoranthene

Concen: 45.118 ng

RT: 23.110 min Scan# 3387

Delta R.T. -0.012 min

Lab File: BP013495.D

Acq: 17 Jan 2023 14:23

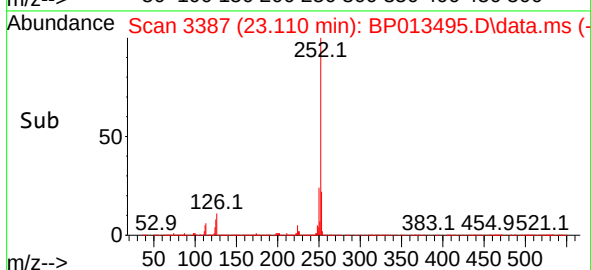
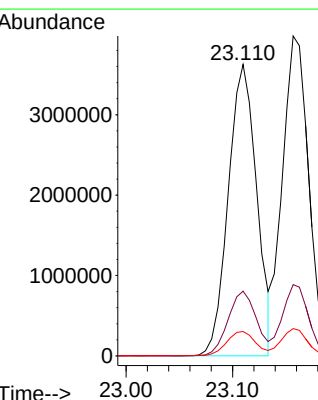
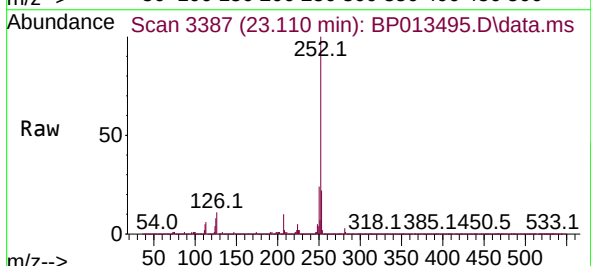
Tgt Ion:252 Resp: 6714002

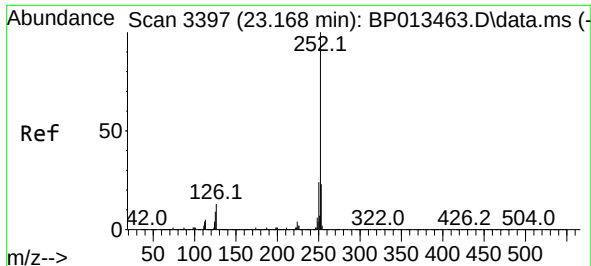
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

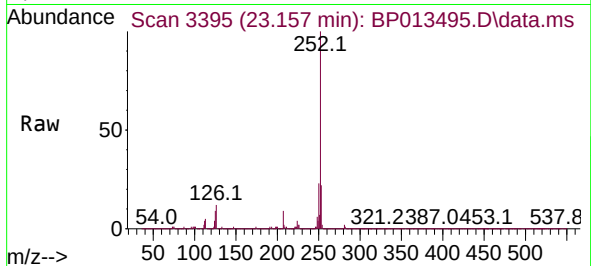
125 8.4 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 47.301 ng
RT: 23.157 min Scan# 3397
Delta R.T. -0.012 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

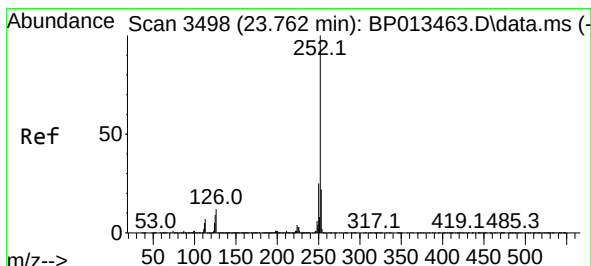
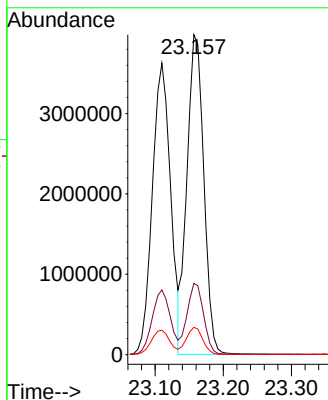
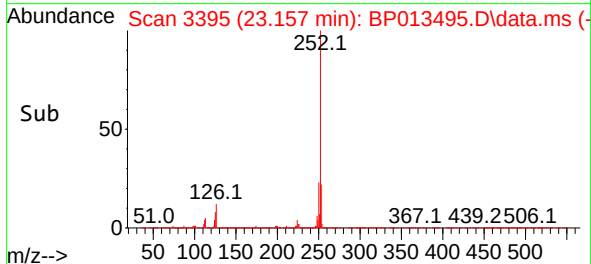
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC



Tgt Ion:252 Resp: 6832076
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 8.5 6.9 10.3

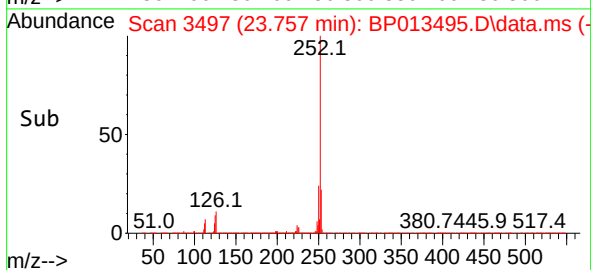
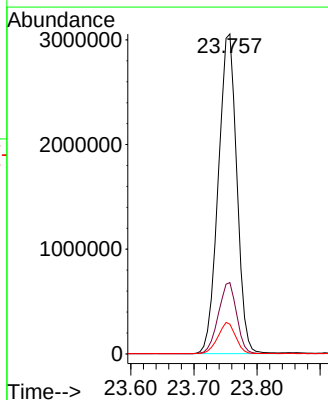
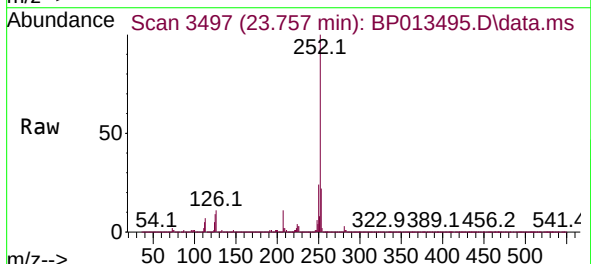
Manual Integrations
APPROVED

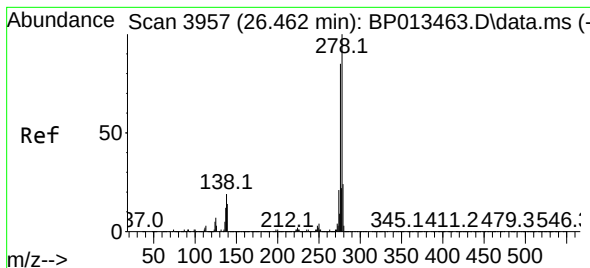
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#90
Benzo(a)pyrene
Concen: 42.557 ng
RT: 23.757 min Scan# 3497
Delta R.T. -0.006 min
Lab File: BP013495.D
Acq: 17 Jan 2023 14:23

Tgt Ion:252 Resp: 6221494
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.3 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 36.675 ng

RT: 26.445 min Scan# 3954

Delta R.T. -0.017 min

Lab File: BP013495.D

Acq: 17 Jan 2023 14:23

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040EC

Tgt Ion:278 Resp: 5534683

Ion Ratio Lower Upper

278 100

139 13.5 11.1 16.7

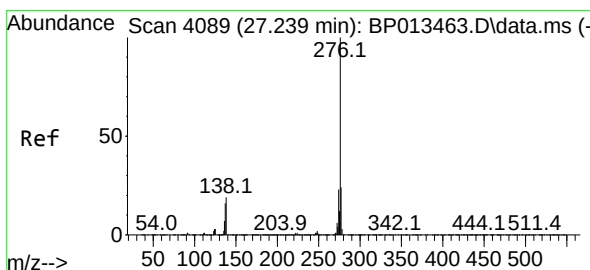
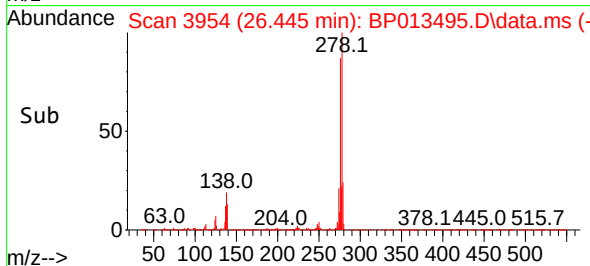
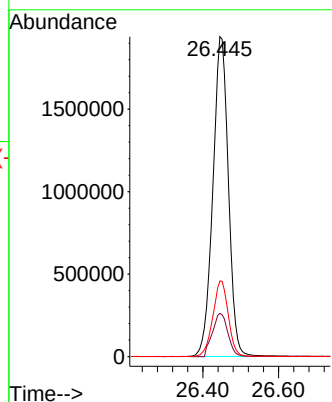
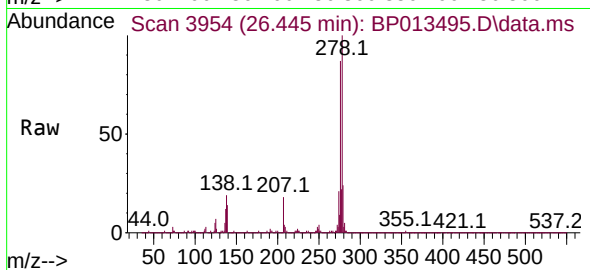
279 23.6 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#92

Benzo(g,h,i)perylene

Concen: 36.051 ng

RT: 27.227 min Scan# 4087

Delta R.T. -0.012 min

Lab File: BP013495.D

Acq: 17 Jan 2023 14:23

Tgt Ion:276 Resp: 5368125

Ion Ratio Lower Upper

276 100

277 24.4 19.3 28.9

138 17.5 15.3 22.9

