

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014317.D
 Acq On : 27 Mar 2023 17:51
 Operator : CG/JU
 Sample : PB151659BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151659BS

Quant Time: Mar 28 02:09:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 03:19:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/28/2023
 Supervised By :Jagrut Upadhyay 03/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	119173	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	433014	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	263767	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	563321	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	516748	20.000	ng	0.00
86) Perylene-d12	24.033	264	555530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	791354	107.690	ng	0.00
7) Phenol-d6	7.187	99	1032841	107.053	ng	0.00
23) Nitrobenzene-d5	9.205	82	667390	70.445	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	389213	91.010	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	1317814	64.729	ng	0.00
79) Terphenyl-d14	19.969	244	1895732	60.493	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	155384	48.674	ng	93
3) Pyridine	3.852	79	385878	43.526	ng	95
4) n-Nitrosodimethylamine	3.758	42	188001	47.773	ng	# 99
6) Aniline	7.358	93	433888	34.236	ng	96
8) 2-Chlorophenol	7.587	128	365832	46.482	ng	91
9) Benzaldehyde	7.164	77	155185m	32.142	ng	
10) Phenol	7.216	94	492917	49.089	ng	99
11) bis(2-Chloroethyl)ether	7.446	93	396568	49.880	ng	97
12) 1,3-Dichlorobenzene	7.911	146	406603	47.013	ng	96
13) 1,4-Dichlorobenzene	8.064	146	414681	47.394	ng	97
14) 1,2-Dichlorobenzene	8.381	146	392175	46.796	ng	98
15) Benzyl Alcohol	8.275	79	361396	45.943	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.558	45	497677m	57.497	ng	
17) 2-Methylphenol	8.475	107	316428	44.186	ng	99
18) Hexachloroethane	9.111	117	160304	48.770	ng	96
19) n-Nitroso-di-n-propyla...	8.840	70	306481	48.262	ng	97
20) 3+4-Methylphenols	8.805	107	419523	43.498	ng	98
22) Acetophenone	8.863	105	571929	47.088	ng	# 98
24) Nitrobenzene	9.246	77	468674	48.348	ng	96
25) Isophorone	9.769	82	792576	45.402	ng	96
26) 2-Nitrophenol	9.958	139	189843	45.024	ng	94
27) 2,4-Dimethylphenol	10.016	122	326102	47.565	ng	99
28) bis(2-Chloroethoxy)met...	10.252	93	481609	47.667	ng	98
29) 2,4-Dichlorophenol	10.505	162	331832	44.216	ng	96
30) 1,2,4-Trichlorobenzene	10.710	180	375130	44.027	ng	97
31) Naphthalene	10.899	128	1088696	45.756	ng	100
32) Benzoic acid	10.175	122	209385	37.481	ng	93
33) 4-Chloroaniline	11.034	127	247247	24.240	ng	97
34) Hexachlorobutadiene	11.175	225	255583	41.259	ng	99
35) Caprolactam	11.822	113	94720	44.093	ng	# 83
36) 4-Chloro-3-methylphenol	12.134	107	381613	45.593	ng	93
37) 2-Methylnaphthalene	12.499	142	739956	42.154	ng	100
38) 1-Methylnaphthalene	12.722	142	685872	41.917	ng	100
40) 1,2,4,5-Tetrachloroben...	12.869	216	427154	42.486	ng	# 97
41) Hexachlorocyclopentadiene	12.840	237	610448	96.748	ng	99
43) 2,4,6-Trichlorophenol	13.110	196	270855	42.620	ng	98

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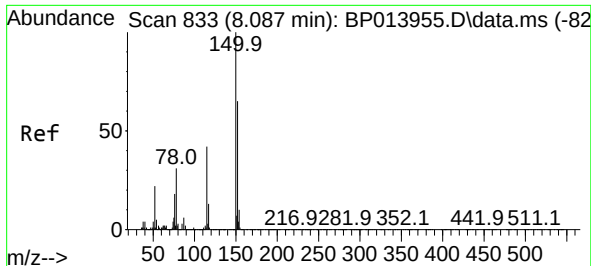
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.187	196	293037	39.792	ng	96
46) 1,1'-Biphenyl	13.504	154	955716	45.015	ng	98
47) 2-Chloronaphthalene	13.551	162	749358	45.849	ng	99
48) 2-Nitroaniline	13.763	65	250818	50.567	ng	95
49) Acenaphthylene	14.398	152	1153884	44.394	ng	99
50) Dimethylphthalate	14.128	163	916601	42.122	ng	100
51) 2,6-Dinitrotoluene	14.251	165	198779	43.378	ng	89
52) Acenaphthene	14.740	154	690851	44.155	ng	98
53) 3-Nitroaniline	14.587	138	182004	40.527	ng	88
54) 2,4-Dinitrophenol	14.798	184	261075	76.960	ng	93
55) Dibenzofuran	15.075	168	1125287	44.116	ng	98
56) 4-Nitrophenol	14.898	139	319111	87.260	ng	91
57) 2,4-Dinitrotoluene	15.046	165	271470	44.318	ng	95
58) Fluorene	15.722	166	889094	43.897	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.298	232	264026	41.097	ng	95
60) Diethylphthalate	15.487	149	924040	43.009	ng	99
61) 4-Chlorophenyl-phenyle...	15.710	204	466235	40.607	ng	94
62) 4-Nitroaniline	15.757	138	196286	43.895	ng	91
63) Azobenzene	16.004	77	986460	49.619	ng	95
65) 4,6-Dinitro-2-methylph...	15.810	198	163415	39.165	ng	94
66) n-Nitrosodiphenylamine	15.928	169	765767	43.019	ng	100
67) 4-Bromophenyl-phenylether	16.610	248	290046	38.926	ng	95
68) Hexachlorobenzene	16.728	284	332621	41.646	ng	96
69) Atrazine	16.887	200	276948	44.315	ng	100
70) Pentachlorophenol	17.081	266	423101	73.453	ng	99
71) Phenanthrene	17.475	178	1365391	43.387	ng	99
72) Anthracene	17.563	178	1389130	43.201	ng	100
73) Carbazole	17.839	167	1233154	44.458	ng	99
74) Di-n-butylphthalate	18.369	149	1567519	45.200	ng	100
75) Fluoranthene	19.433	202	1570990	41.765	ng	97
77) Benzidine	19.616	184	743483	72.903	ng	100
78) Pyrene	19.786	202	1642156	41.403	ng	99
80) Butylbenzylphthalate	20.639	149	659792	43.879	ng	90
81) Benzo(a)anthracene	21.498	228	1572026	41.461	ng	100
82) 3,3'-Dichlorobenzidine	21.428	252	512206	42.219	ng	# 99
83) Chrysene	21.557	228	1486332	41.395	ng	99
84) Bis(2-ethylhexyl)phtha...	21.398	149	963994	43.700	ng	99
85) Di-n-octyl phthalate	22.357	149	1631860	45.573	ng	97
87) Indeno(1,2,3-cd)pyrene	26.680	276	1834364	42.735	ng	98
88) Benzo(b)fluoranthene	23.263	252	1597246	43.909	ng	99
89) Benzo(k)fluoranthene	23.310	252	1534751m	42.554	ng	
90) Benzo(a)pyrene	23.922	252	1378833	39.739	ng	99
91) Dibenzo(a,h)anthracene	26.698	278	1550116	43.439	ng	98
92) Benzo(g,h,i)perylene	27.492	276	1485658	42.010	ng	98

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

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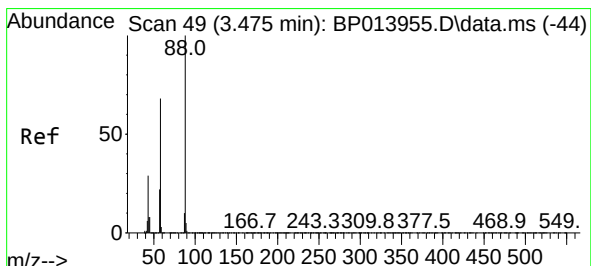
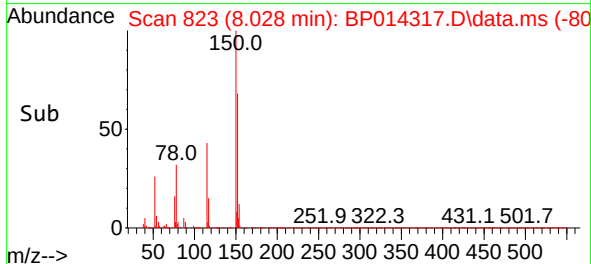
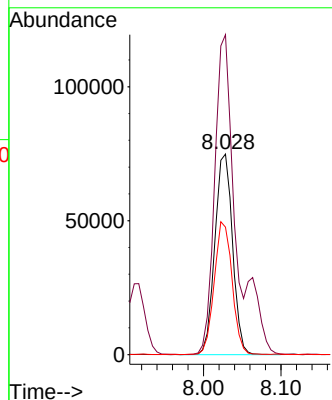
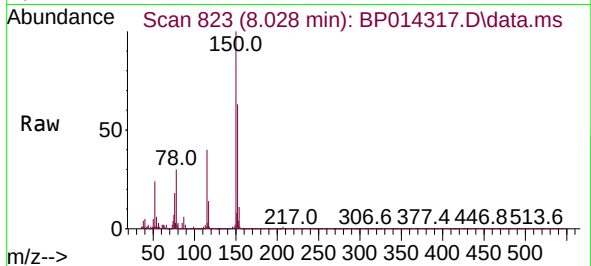
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

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ClientSampleId :
PB151659BS

Tgt Ion:152 Resp: 119173
Ion Ratio Lower Upper
152 100
150 159.6 122.3 183.5
115 63.6 51.6 77.4

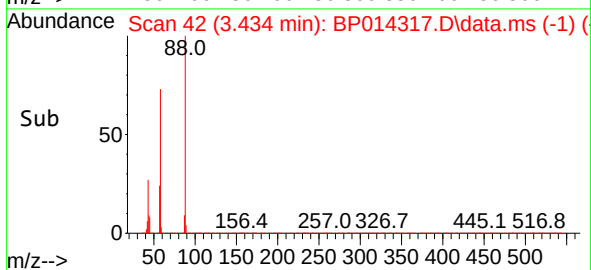
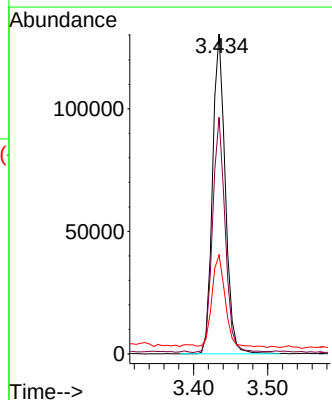
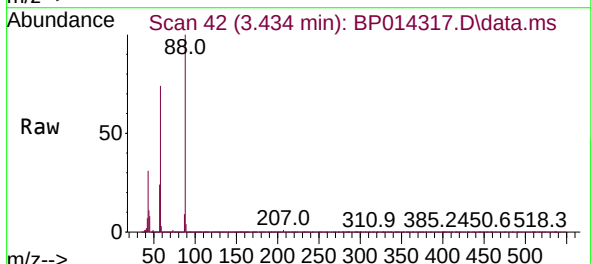
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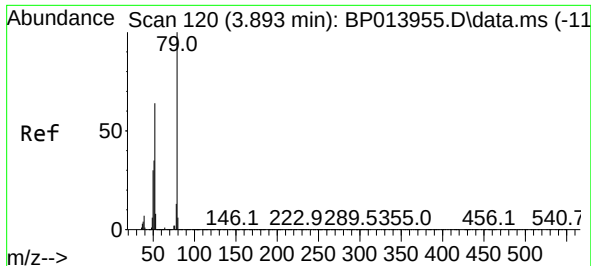
Reviewed By :Christian Giraldo 03/28/2023
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#2
1,4-Dioxane
Concen: 48.674 ng
RT: 3.434 min Scan# 42
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion: 88 Resp: 155384
Ion Ratio Lower Upper
88 100
58 73.4 53.8 80.8
43 30.5 22.1 33.1





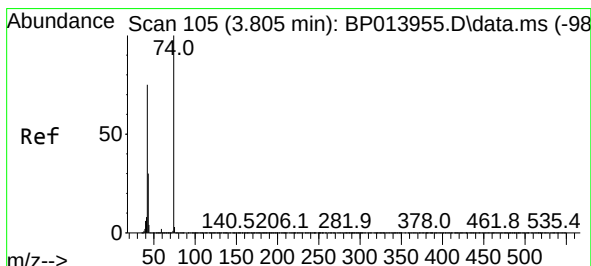
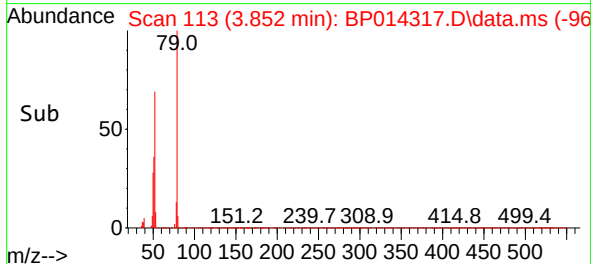
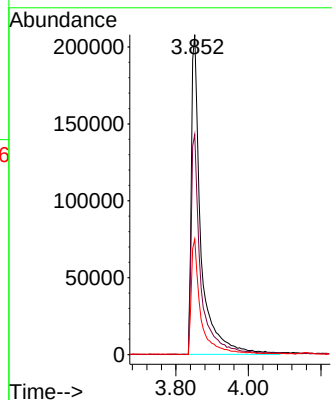
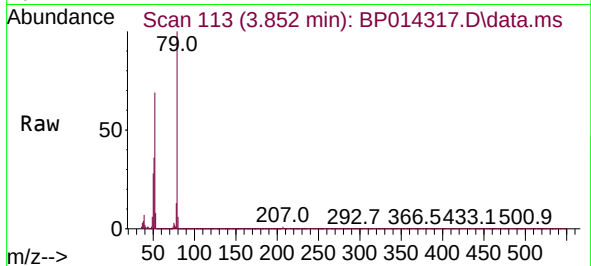
#3
 Pyridine
 Concen: 43.526 ng
 RT: 3.852 min Scan# 113
 Delta R.T. 0.000 min
 Lab File: BP014317.D
 Acq: 27 Mar 2023 17:51

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 ClientSampleId :
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Tgt Ion: 79 Resp: 385878
 Ion Ratio Lower Upper
 79 100
 52 68.8 51.0 76.4
 51 36.1 28.2 42.2

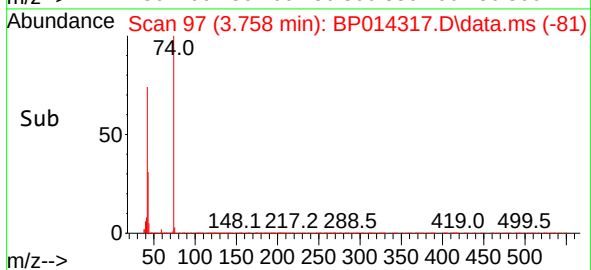
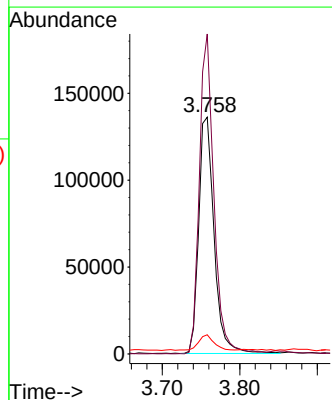
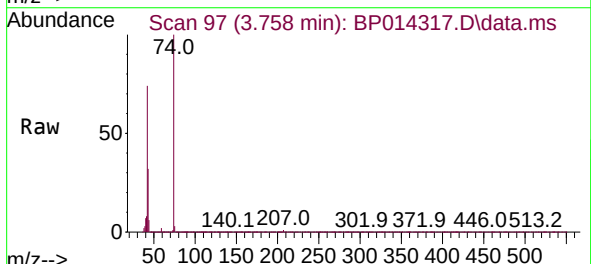
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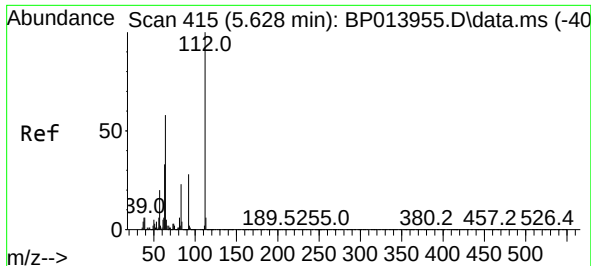
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#4
 n-Nitrosodimethylamine
 Concen: 47.773 ng
 RT: 3.758 min Scan# 97
 Delta R.T. -0.006 min
 Lab File: BP014317.D
 Acq: 27 Mar 2023 17:51

Tgt Ion: 42 Resp: 188001
 Ion Ratio Lower Upper
 42 100
 74 135.2 107.0 160.6
 44 8.1 4.5 6.7





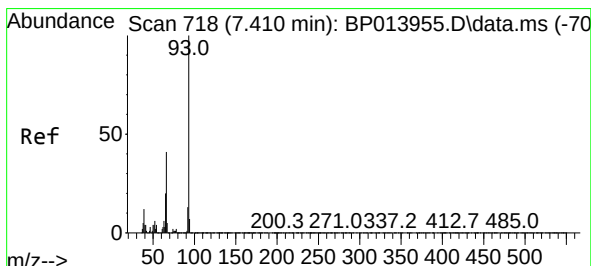
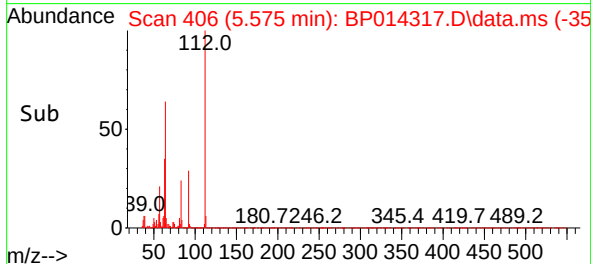
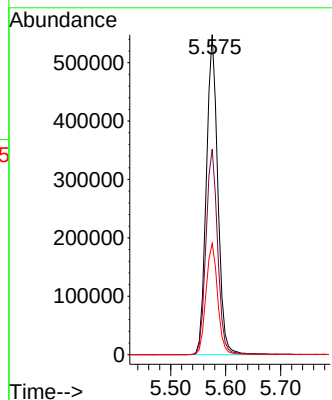
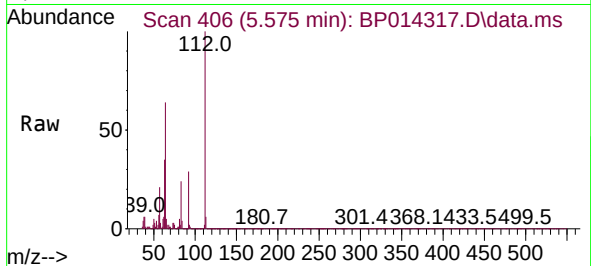
#5
2-Fluorophenol
Concen: 107.690 ng
RT: 5.575 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

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ClientSampleId :
PB151659BS

Tgt Ion:112 Resp: 791354
Ion Ratio Lower Upper
112 100
64 64.2 46.7 70.1
63 34.7 26.6 40.0

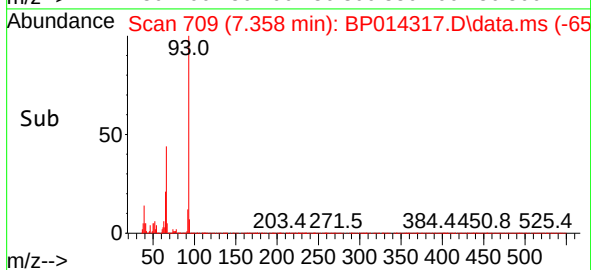
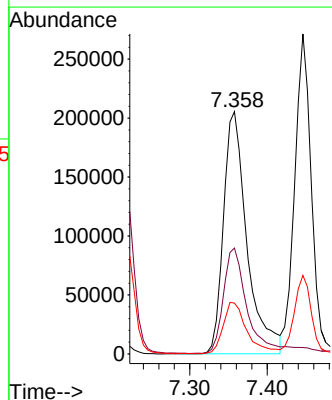
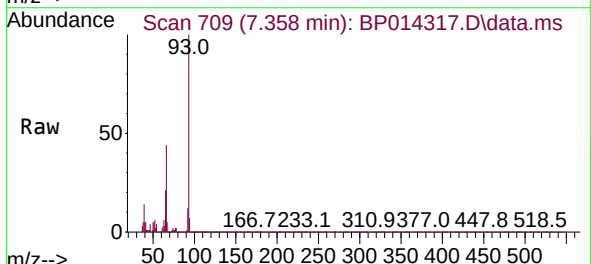
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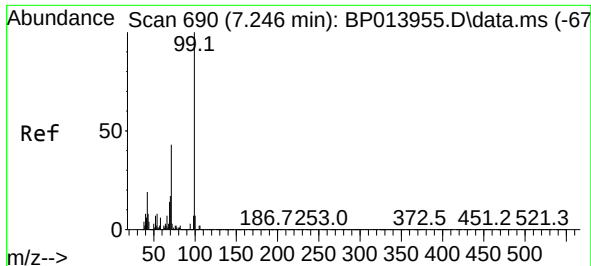
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#6
Aniline
Concen: 34.236 ng
RT: 7.358 min Scan# 709
Delta R.T. 0.000 min
Lab File: BP014317.D
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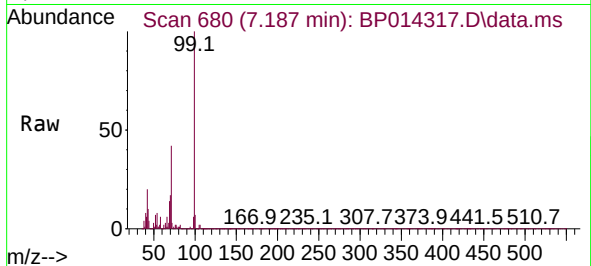
Tgt Ion: 93 Resp: 433888
Ion Ratio Lower Upper
93 100
66 43.7 32.6 48.8
65 21.0 16.0 24.0





#7
Phenol-d6
Concen: 107.053 ng
RT: 7.187 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP014317.D
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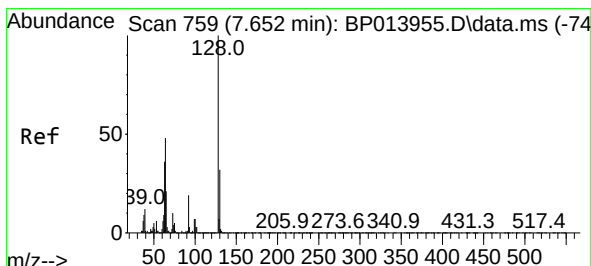
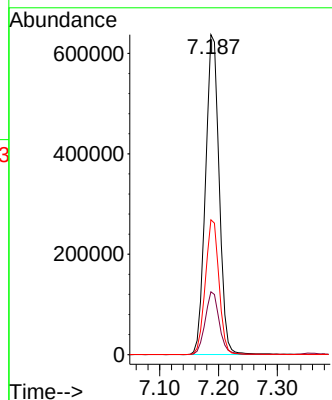
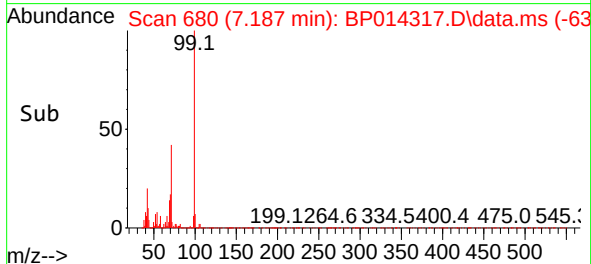
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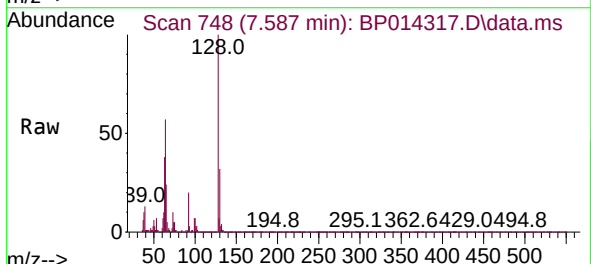
Tgt Ion: 99 Resp: 103284
Ion Ratio Lower Upper
99 100
42 19.6 15.0 22.6
71 42.1 34.3 51.5

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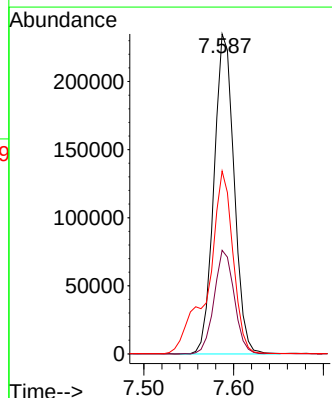
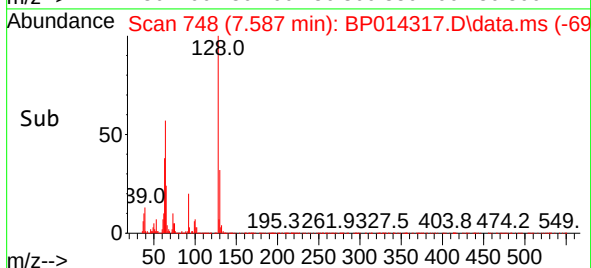
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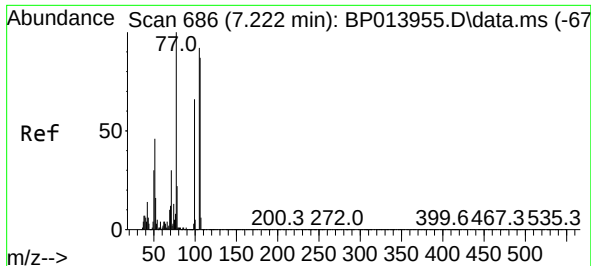


#8
2-Chlorophenol
Concen: 46.482 ng
RT: 7.587 min Scan# 748
Delta R.T. -0.006 min
Lab File: BP014317.D
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Tgt Ion:128 Resp: 365832
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 57.1 27.6 67.6





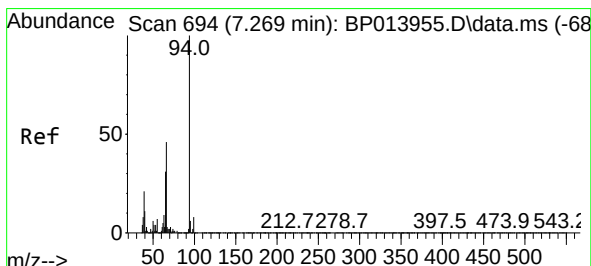
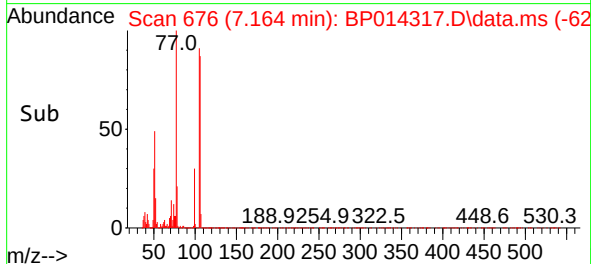
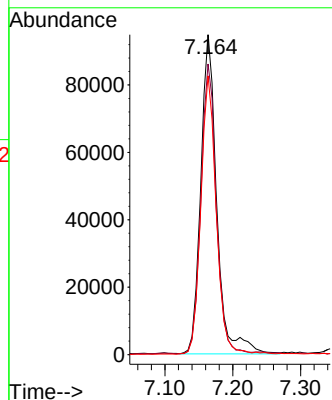
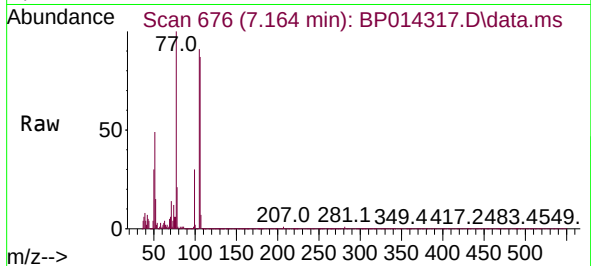
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Benzaldehyde
Concen: 32.142 ng m
RT: 7.164 min Scan# 61
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 155185
Ion Ratio Lower Upper
77 100
105 90.8 72.4 112.4
106 87.1 66.9 106.9

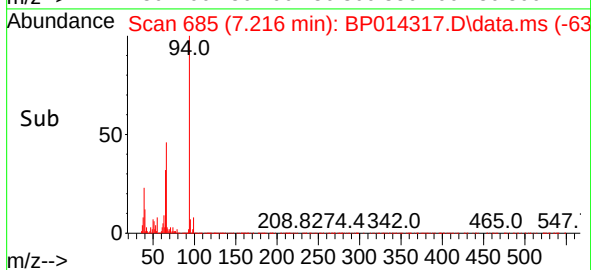
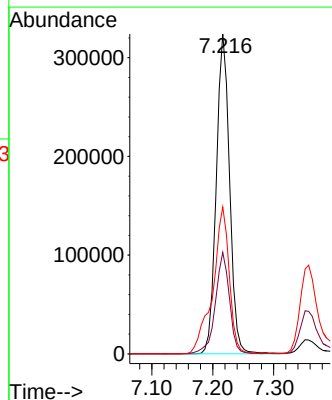
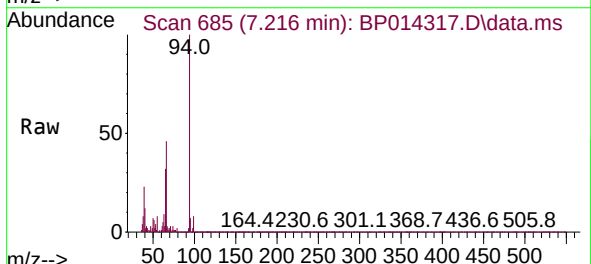
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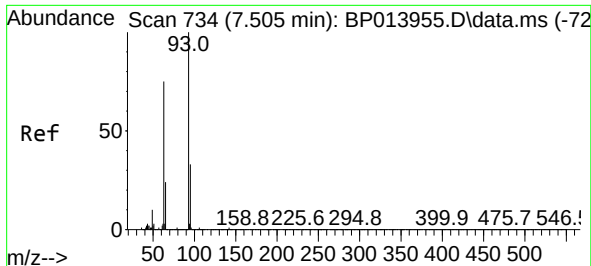
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Supervised By :Jagrut Upadhyay 03/28/2023



#10
Phenol
Concen: 49.089 ng
RT: 7.216 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion: 94 Resp: 492917
Ion Ratio Lower Upper
94 100
65 31.7 10.9 50.9
66 45.9 26.1 66.1





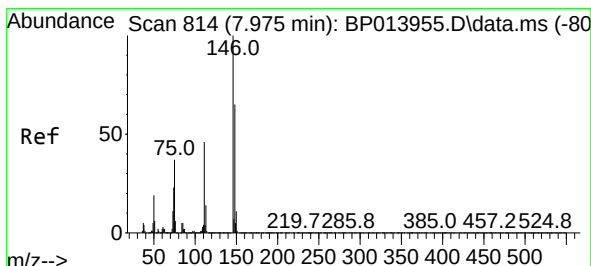
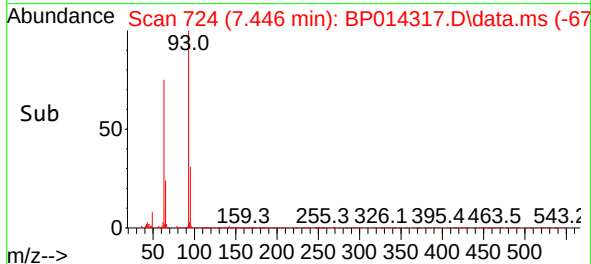
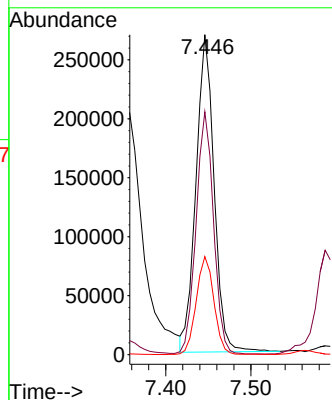
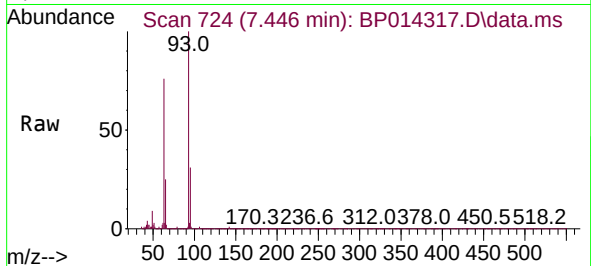
#11
bis(2-Chloroethyl)ether
Concen: 49.880 ng
RT: 7.446 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :
BNA_P
ClientSampleId :
PB151659BS

Tgt Ion: 93 Resp: 396568
Ion Ratio Lower Upper
93 100
63 75.9 54.2 94.2
95 30.6 12.7 52.7

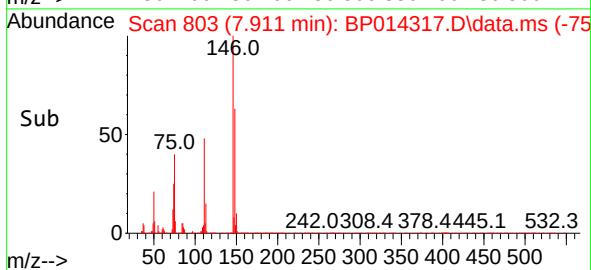
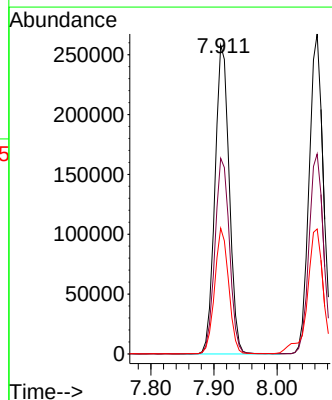
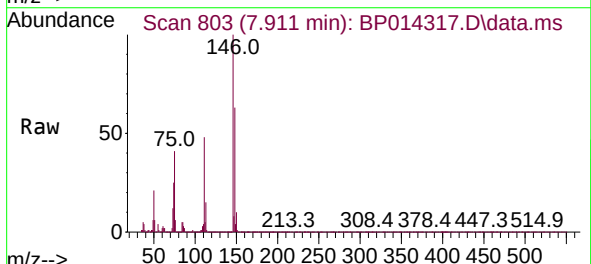
Manual Integrations
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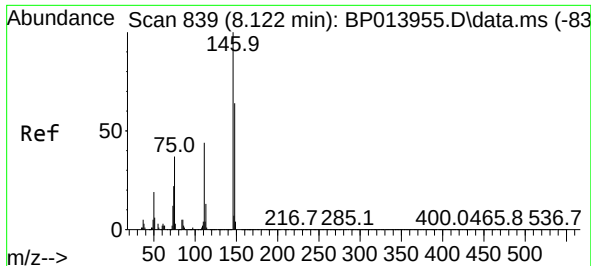
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#12
1,3-Dichlorobenzene
Concen: 47.013 ng
RT: 7.911 min Scan# 803
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion:146 Resp: 406603
Ion Ratio Lower Upper
146 100
148 63.3 52.1 78.1
75 40.7 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 47.394 ng

RT: 8.064 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

Instrument :

BNA_P

ClientSampleId :

PB151659BS

Tgt Ion:146 Resp: 414681

Ion Ratio Lower Upper

146 100

148 62.5 51.4 77.2

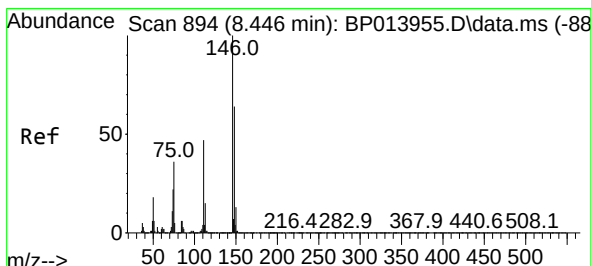
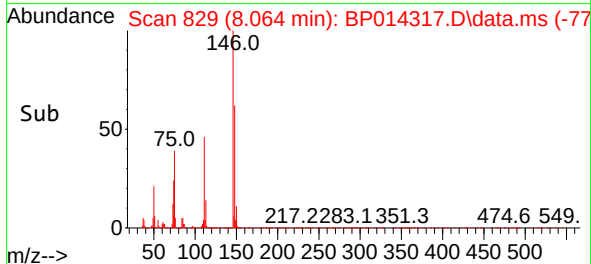
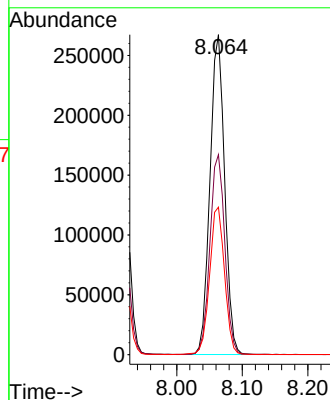
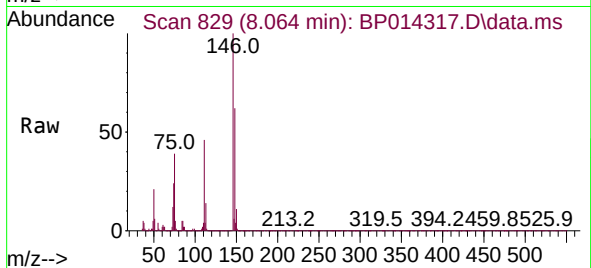
111 46.1 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#14

1,2-Dichlorobenzene

Concen: 46.796 ng

RT: 8.381 min Scan# 883

Delta R.T. -0.006 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

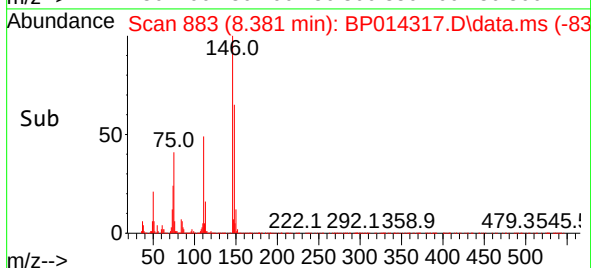
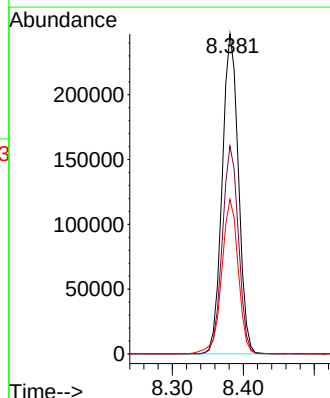
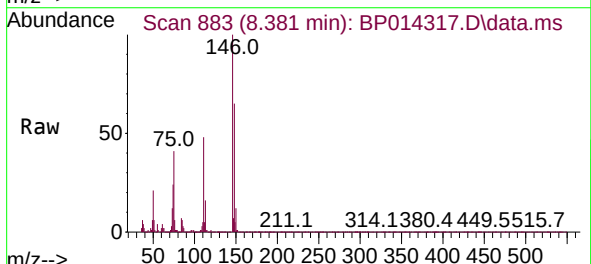
Tgt Ion:146 Resp: 392175

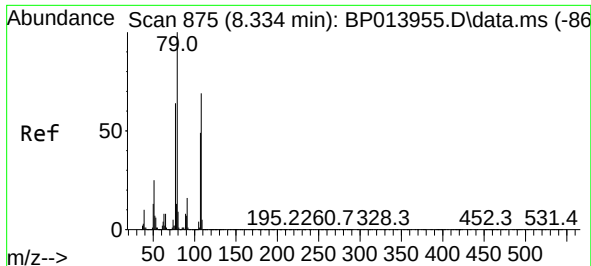
Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.0

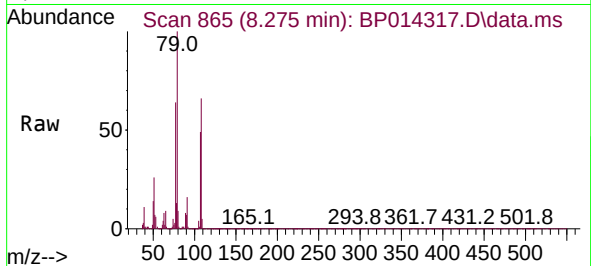
111 48.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 45.943 ng
RT: 8.275 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

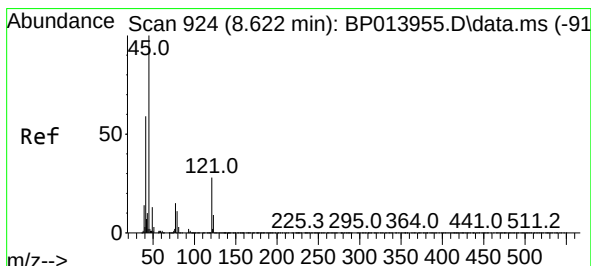
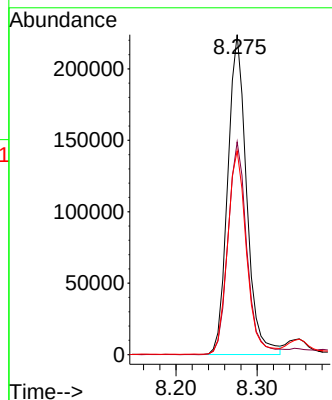
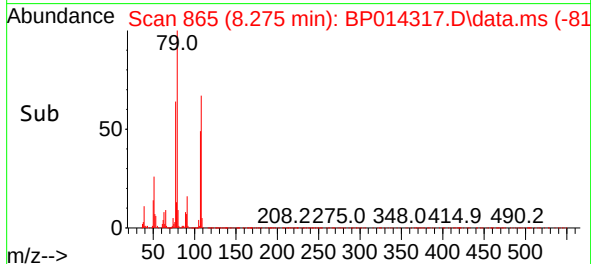
Instrument :
BNA_P
Client Sample Id :
PB151659BS



Tgt Ion: 79 Resp: 361396
Ion Ratio Lower Upper
79 100
108 66.5 54.9 82.3
77 63.7 51.4 77.0

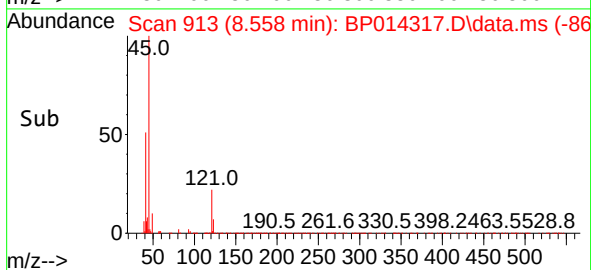
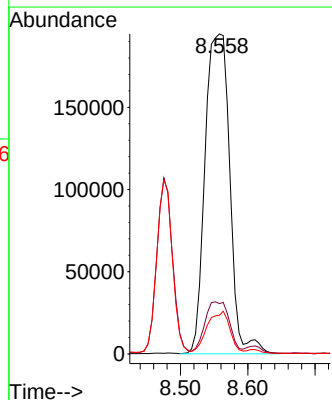
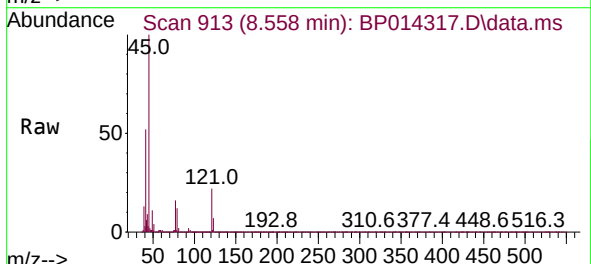
Manual Integrations
APPROVED

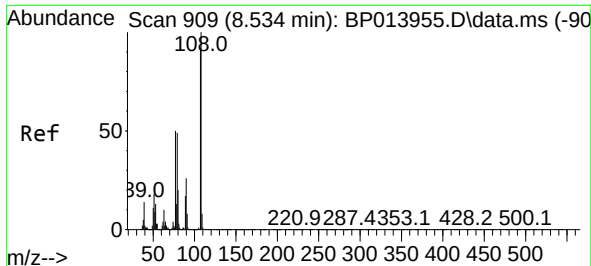
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.497 ng m
RT: 8.558 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

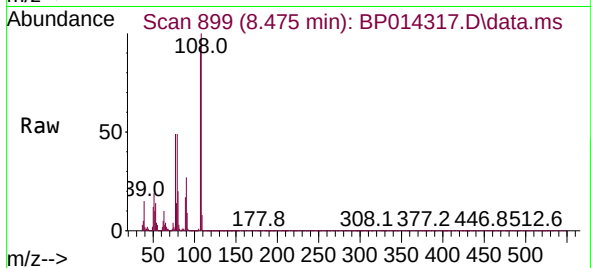
Tgt Ion: 45 Resp: 497677
Ion Ratio Lower Upper
45 100
77 15.7 0.0 38.7
79 12.1 0.0 34.4





#17
2-Methylphenol
Concen: 44.186 ng
RT: 8.475 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

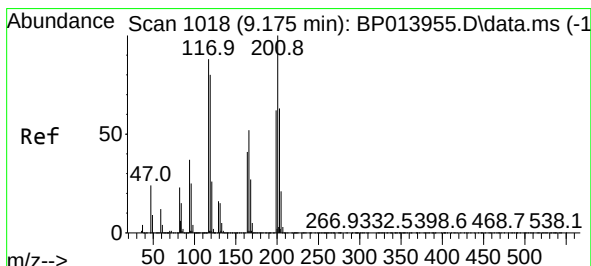
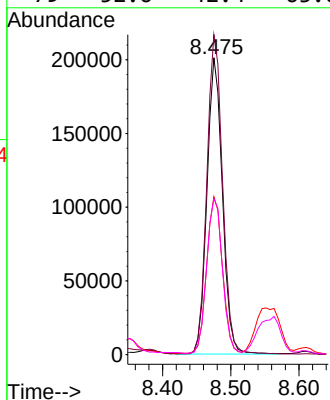
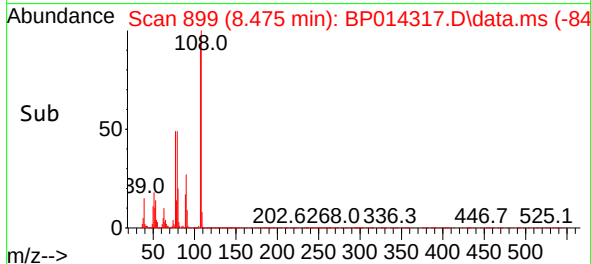
Instrument :
BNA_P
ClientSampleId :
PB151659BS



Tgt Ion:107 Resp: 316428
Ion Ratio Lower Upper
107 100
108 107.8 87.0 130.4
77 53.2 44.0 66.0
79 52.6 42.4 63.6

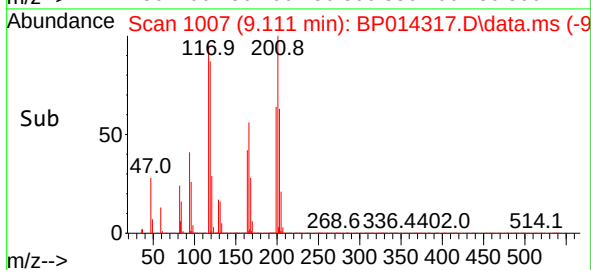
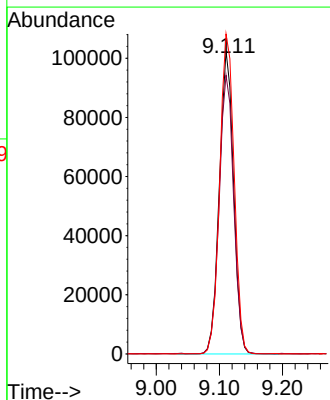
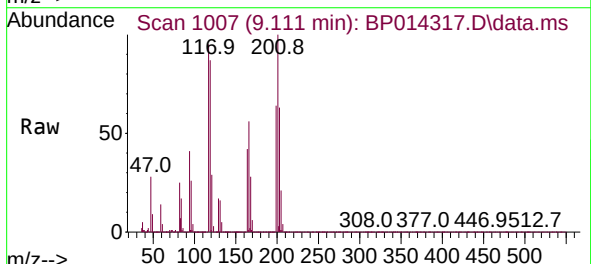
Manual Integrations
APPROVED

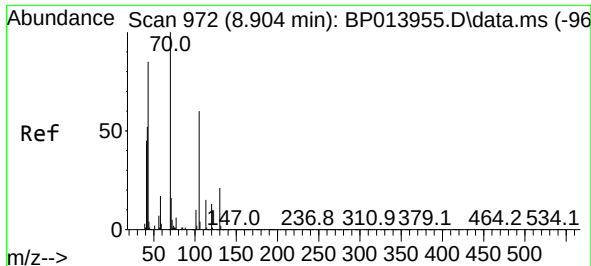
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#18
Hexachloroethane
Concen: 48.770 ng
RT: 9.111 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

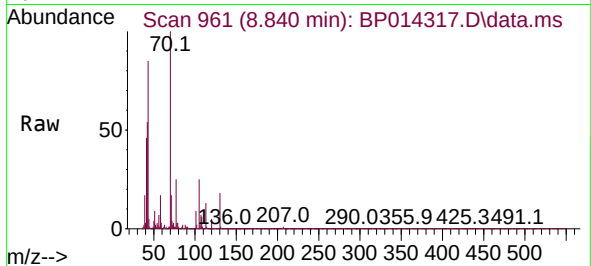
Tgt Ion:117 Resp: 160304
Ion Ratio Lower Upper
117 100
119 91.9 73.3 109.9
201 105.6 91.1 136.7





#19
n-Nitroso-di-n-propylamine
Concen: 48.262 ng
RT: 8.840 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

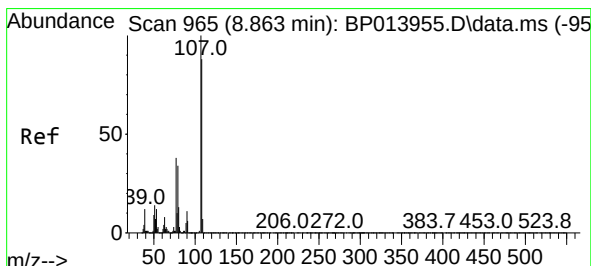
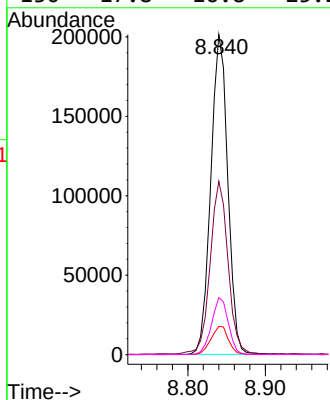
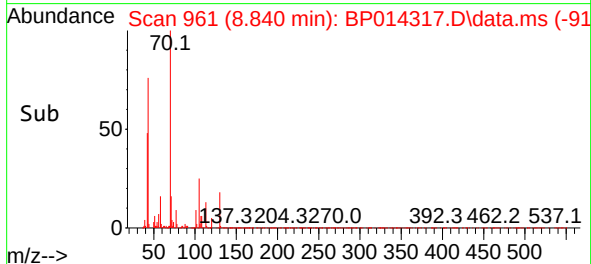
Instrument :
BNA_P
ClientSampleId :
PB151659BS



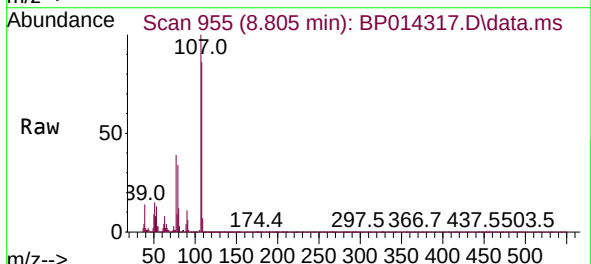
Tgt Ion: 70 Resp: 306481
Ion Ratio Lower Upper
70 100
42 54.1 42.4 63.6
101 8.8 8.2 12.4
130 17.8 16.8 25.2

Manual Integrations
APPROVED

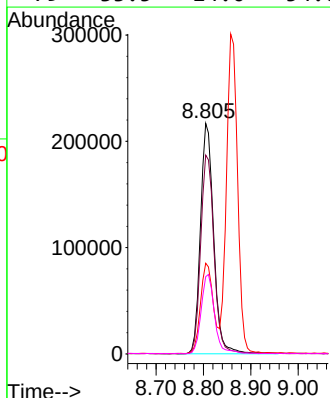
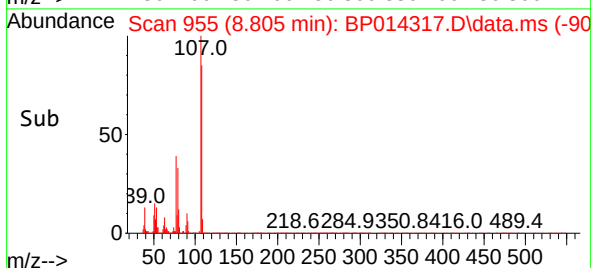
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

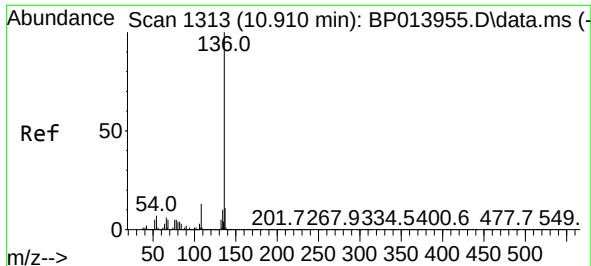


#20
3+4-Methylphenols
Concen: 43.498 ng
RT: 8.805 min Scan# 955
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51



Tgt Ion:107 Resp: 419523
Ion Ratio Lower Upper
107 100
108 86.2 68.2 108.2
77 39.3 18.1 58.1
79 33.5 14.0 54.0





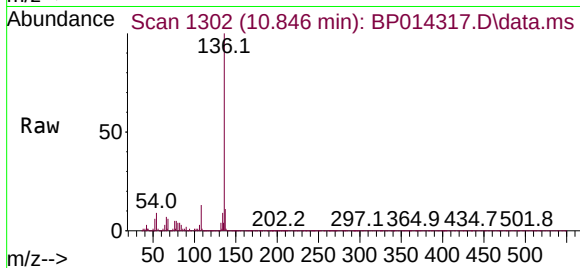
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :

BNA_P

ClientSampleId :

PB151659BS

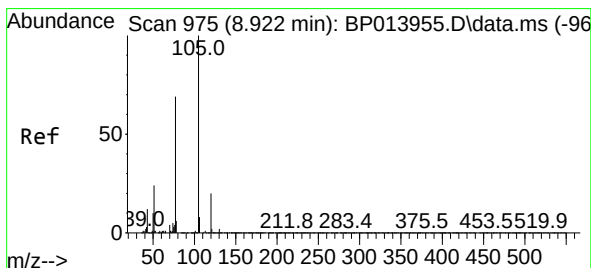
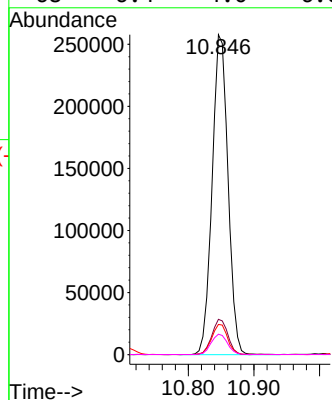
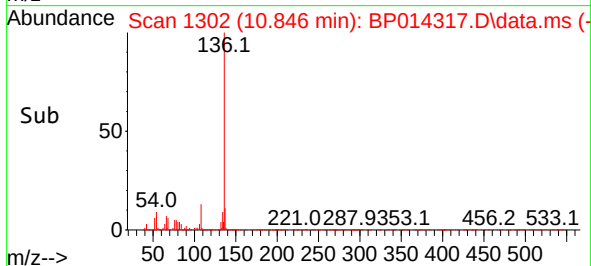


Tgt Ion:136 Resp: 433014
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.4 5.8 8.8
68 6.4 4.0 6.0

Manual Integrations

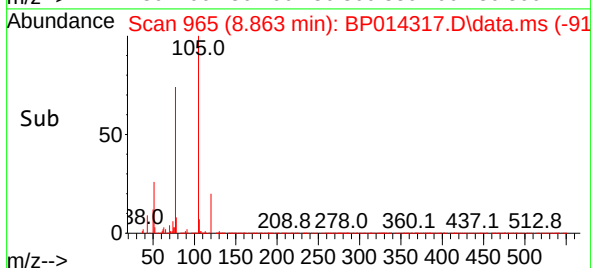
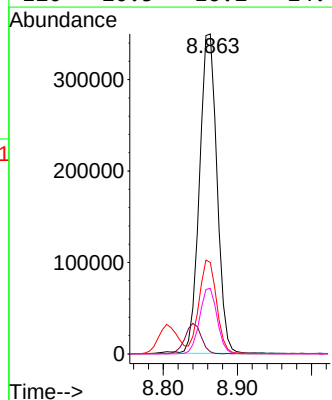
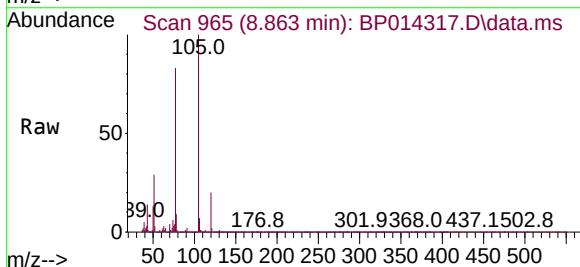
APPROVED

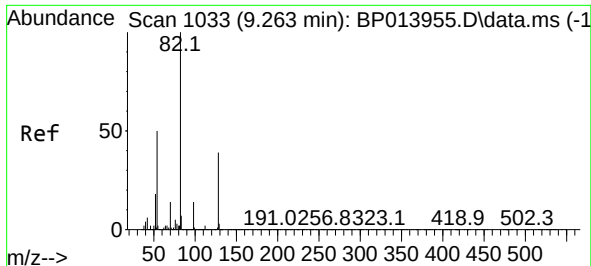
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#22
Acetophenone
Concen: 47.088 ng
RT: 8.863 min Scan# 965
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion:105 Resp: 571929
Ion Ratio Lower Upper
105 100
71 0.7 1.4 2.0
51 28.6 21.5 32.3
120 20.5 16.2 24.4





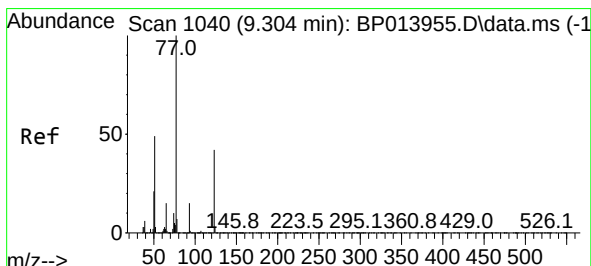
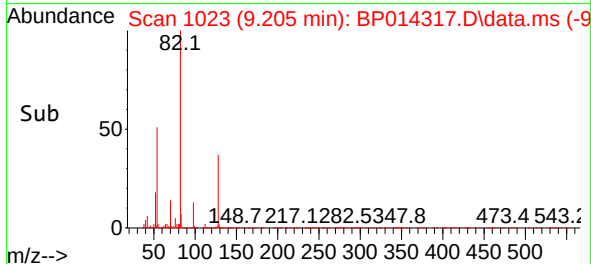
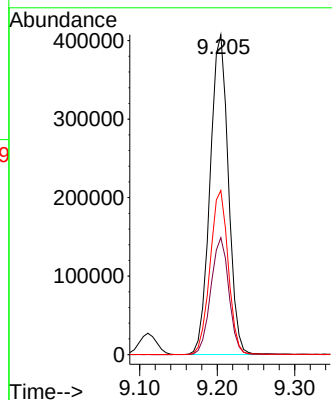
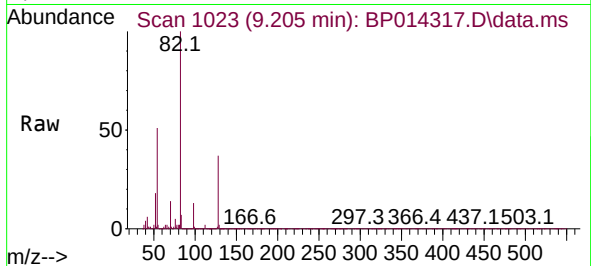
#23
Nitrobenzene-d5
Concen: 70.445 ng
RT: 9.205 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :
BNA_P
ClientSampleId :
PB151659BS

Tgt Ion: 82 Resp: 667390
Ion Ratio Lower Upper
82 100
128 36.5 31.1 46.7
54 51.3 40.0 60.0

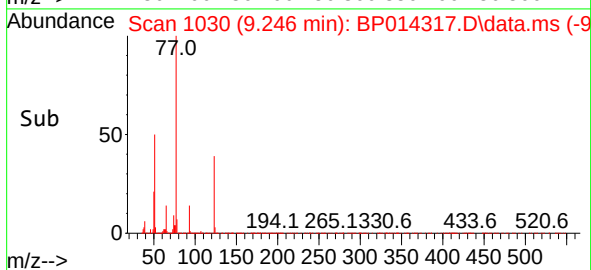
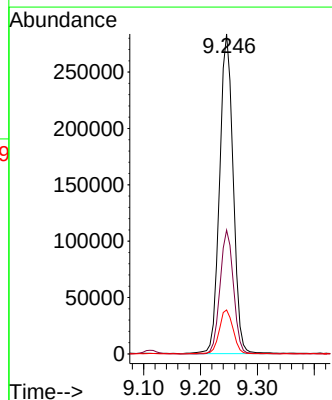
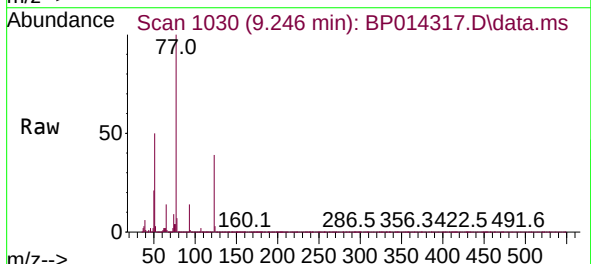
Manual Integrations
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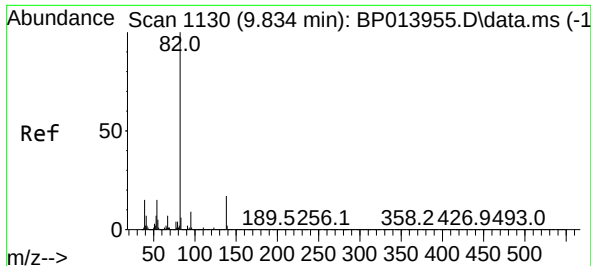
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#24
Nitrobenzene
Concen: 48.348 ng
RT: 9.246 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion: 77 Resp: 468674
Ion Ratio Lower Upper
77 100
123 38.7 33.6 50.4
65 13.8 11.6 17.4





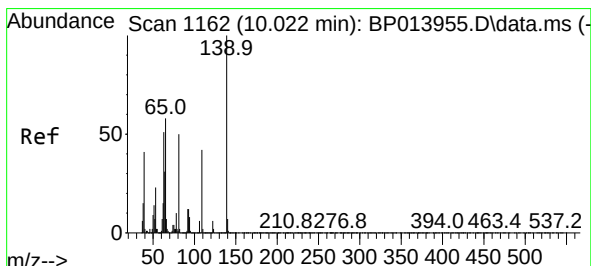
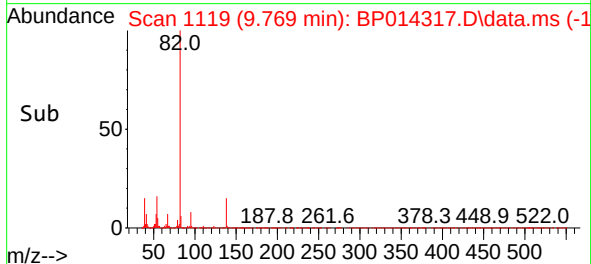
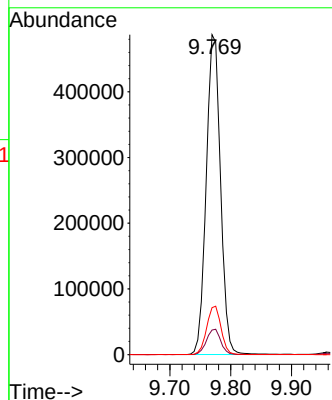
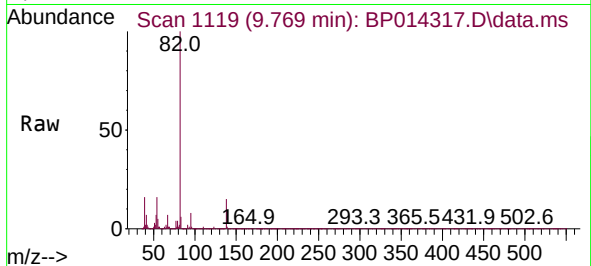
#25
Isophorone
Concen: 45.402 ng
RT: 9.769 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :
BNA_P
ClientSampleId :
PB151659BS

Tgt Ion: 82 Resp: 792576
Ion Ratio Lower Upper
82 100
95 7.7 6.9 10.3
138 14.7 13.3 19.9

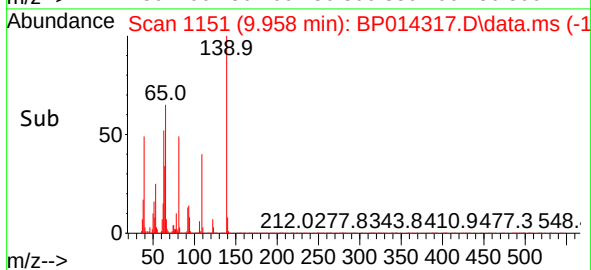
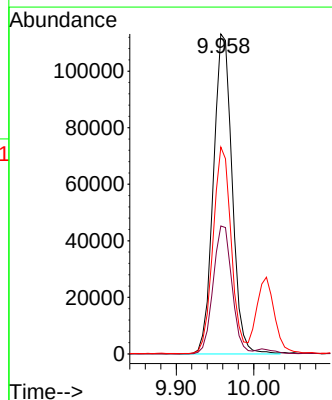
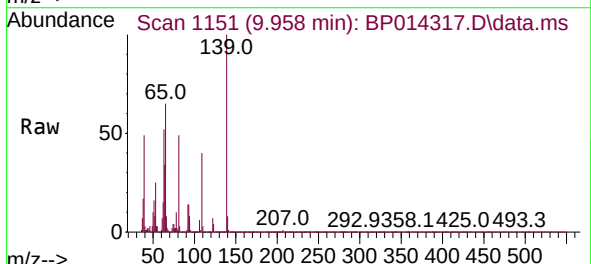
Manual Integrations
APPROVED

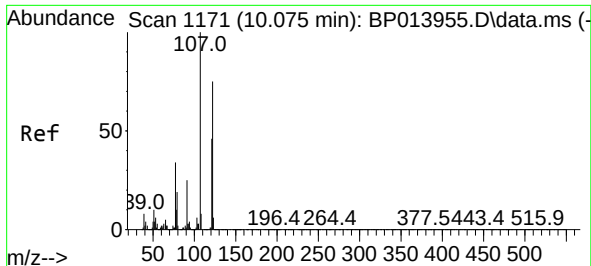
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#26
2-Nitrophenol
Concen: 45.024 ng
RT: 9.958 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

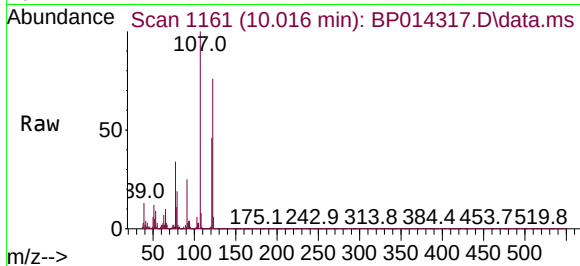
Tgt Ion:139 Resp: 189843
Ion Ratio Lower Upper
139 100
109 40.0 33.8 50.8
65 64.6 46.6 70.0





#27
2,4-Dimethylphenol
Concen: 47.565 ng
RT: 10.016 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

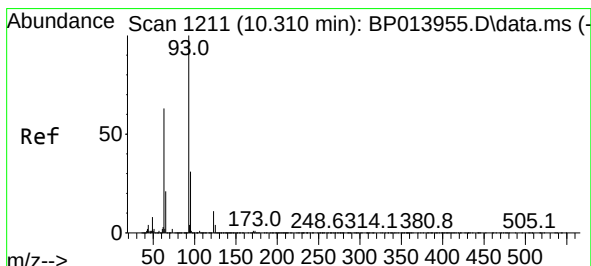
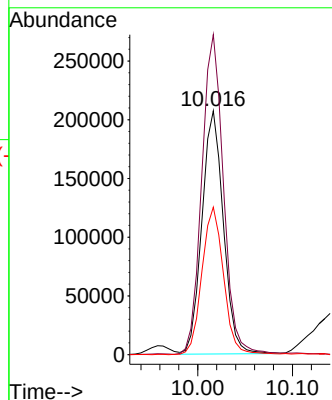
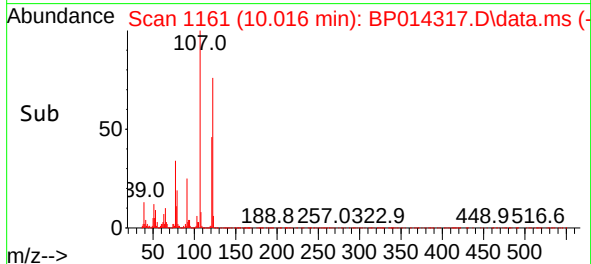
Instrument :
BNA_P
ClientSampleId :
PB151659BS



Tgt Ion: 122 Resp: 326102
Ion Ratio Lower Upper
122 100
107 131.3 105.9 158.9
121 60.5 49.0 73.4

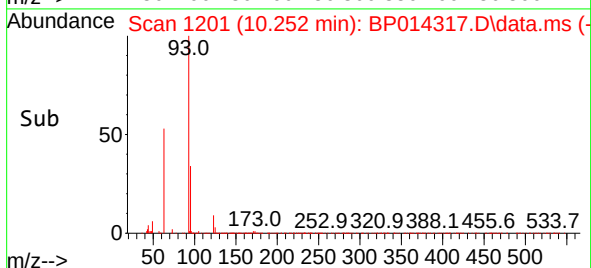
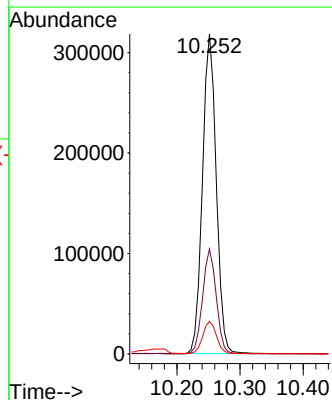
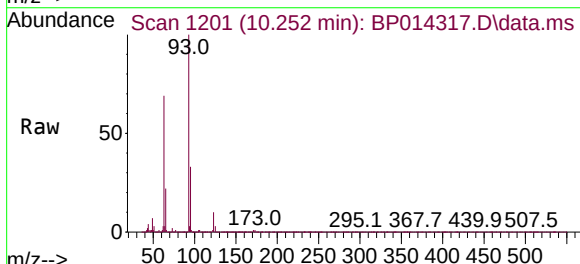
Manual Integrations
APPROVED

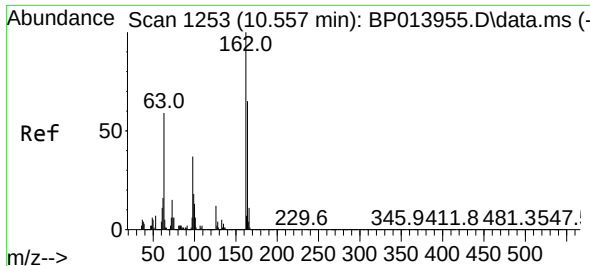
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.667 ng
RT: 10.252 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion: 93 Resp: 481609
Ion Ratio Lower Upper
93 100
95 32.8 25.0 37.6
123 10.2 8.6 12.8





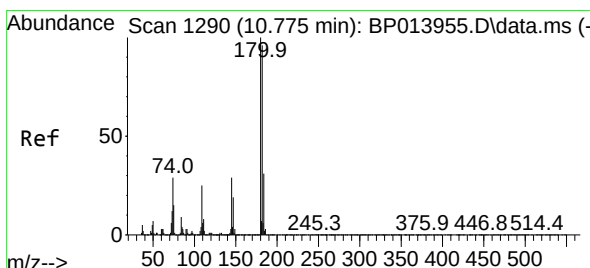
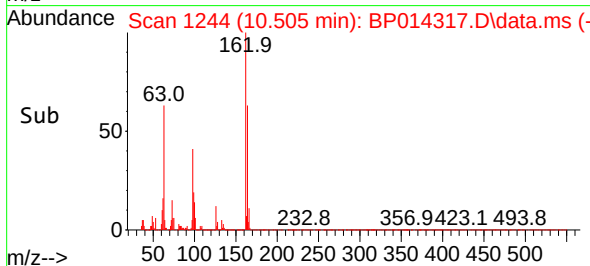
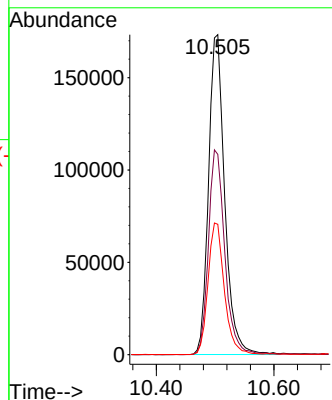
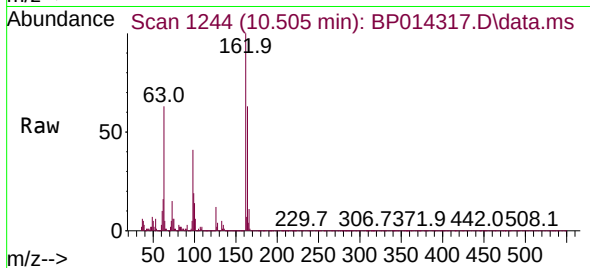
#29
2,4-Dichlorophenol
Concen: 44.216 ng
RT: 10.505 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :
BNA_P
ClientSampleId :
PB151659BS

Tgt Ion:162 Resp: 331832
Ion Ratio Lower Upper
162 100
164 62.6 44.7 84.7
98 40.7 17.0 57.0

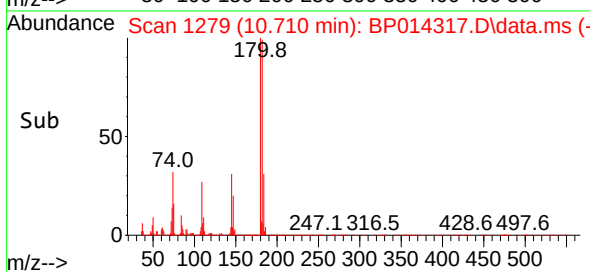
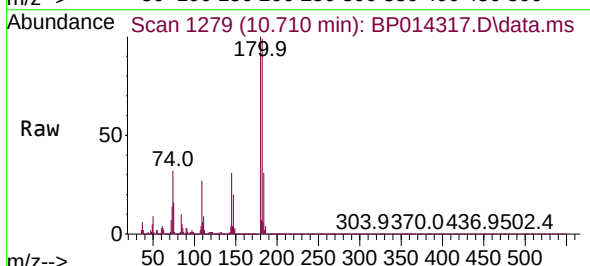
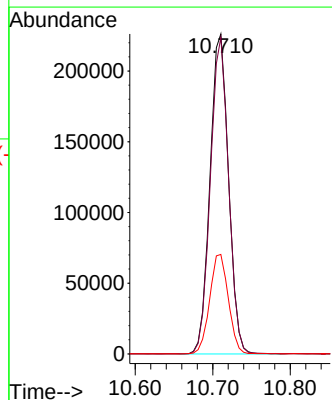
Manual Integrations
APPROVED

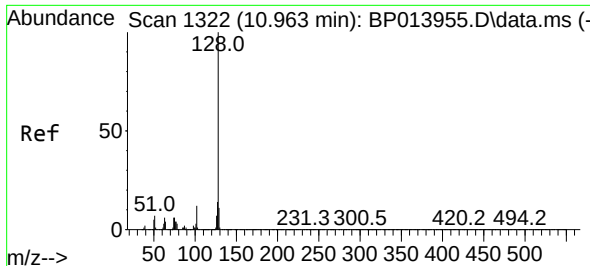
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#30
1,2,4-Trichlorobenzene
Concen: 44.027 ng
RT: 10.710 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion:180 Resp: 375130
Ion Ratio Lower Upper
180 100
182 98.9 76.6 114.8
145 31.1 23.5 35.3





#31
Naphthalene
Concen: 45.756 ng
RT: 10.899 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :

BNA_P

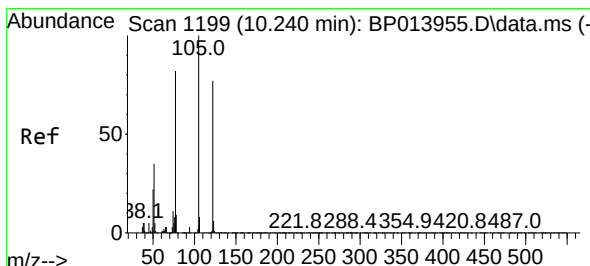
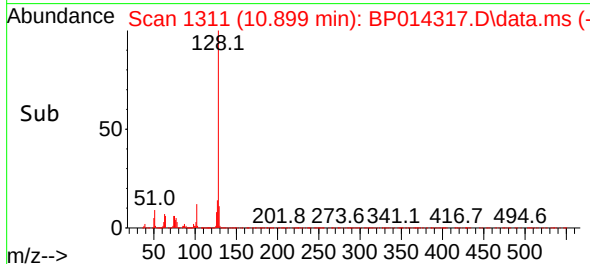
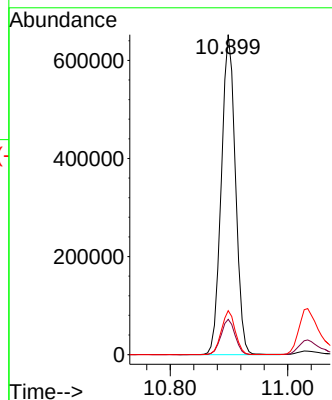
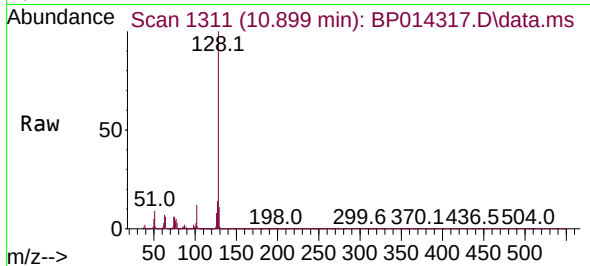
ClientSampleId :

PB151659BS

Tgt Ion:128 Resp: 1088696
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.7 11.2 16.8

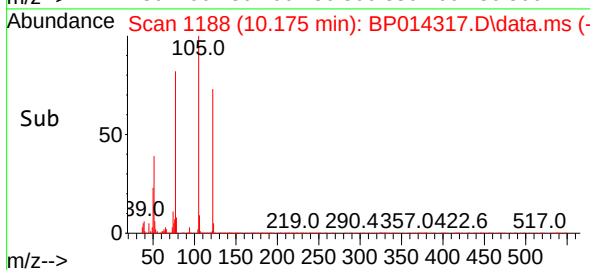
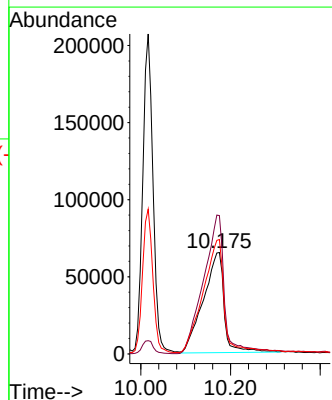
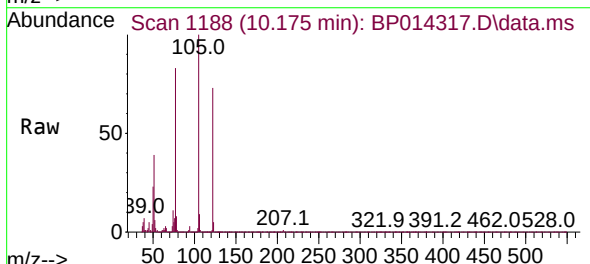
Manual Integrations
APPROVED

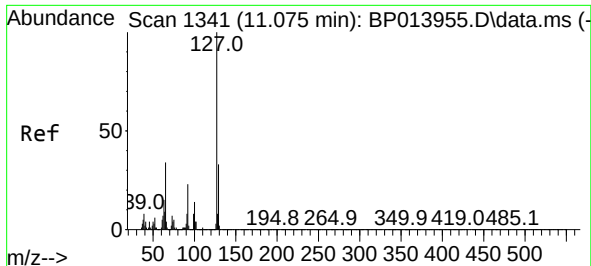
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#32
Benzoic acid
Concen: 37.481 ng
RT: 10.175 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

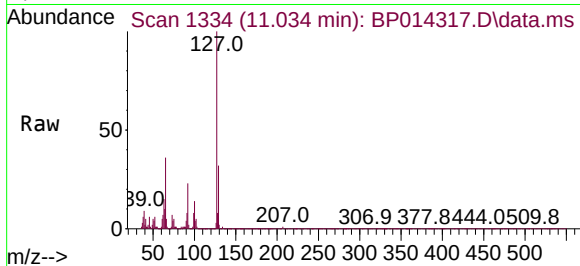
Tgt Ion:122 Resp: 209385
Ion Ratio Lower Upper
122 100
105 136.4 108.2 148.2
77 112.7 85.2 125.2





#33
4-Chloroaniline
Concen: 24.240 ng
RT: 11.034 min Scan# 1334
Delta R.T. 0.012 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

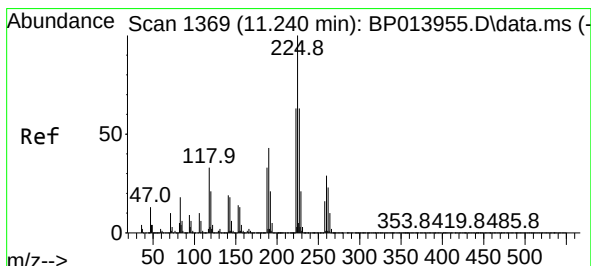
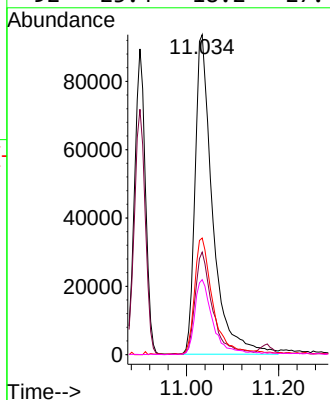
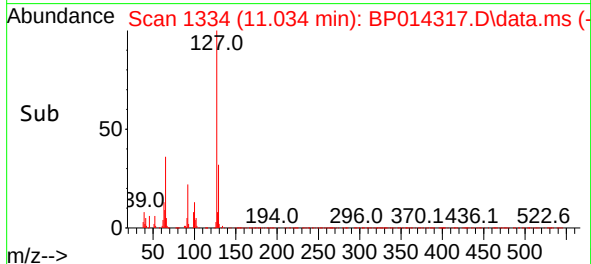
Instrument :
BNA_P
ClientSampleId :
PB151659BS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	36.4	27.0	40.4
92	23.4	18.2	27.4

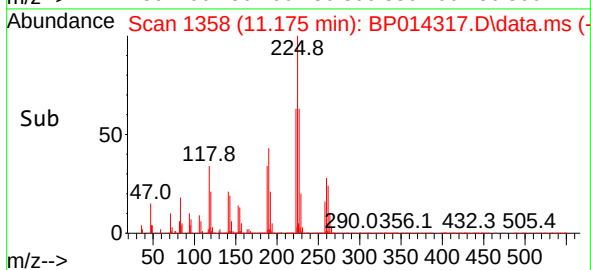
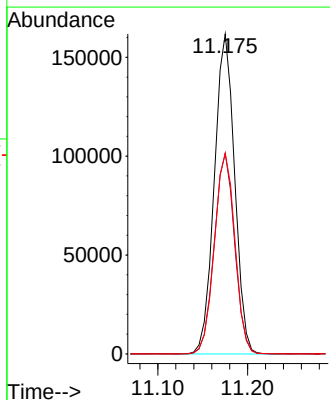
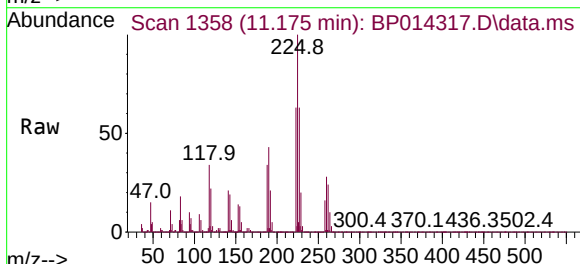
Manual Integrations
APPROVED

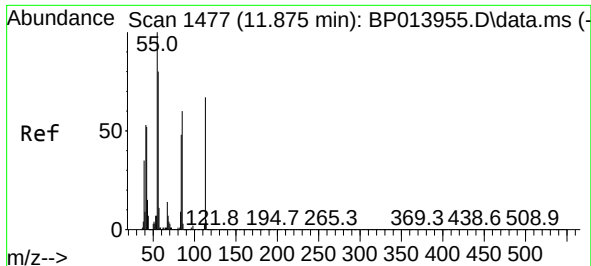
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#34
Hexachlorobutadiene
Concen: 41.259 ng
RT: 11.175 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

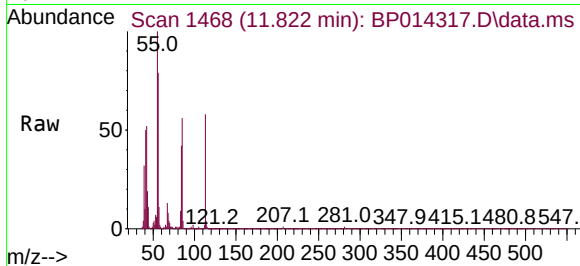
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	62.7	50.2	75.4





#35
Caprolactam
Concen: 44.093 ng
RT: 11.822 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

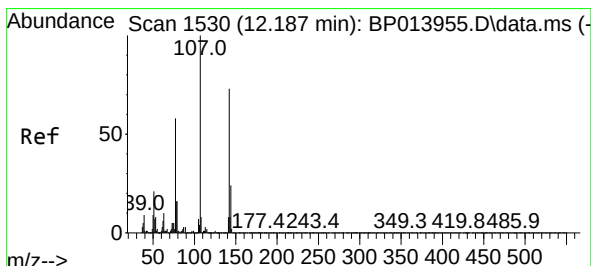
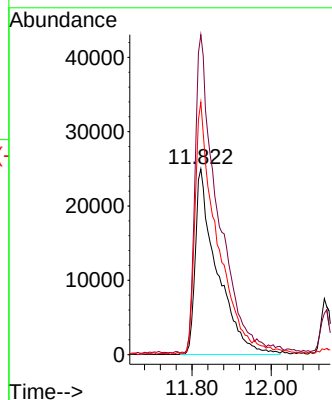
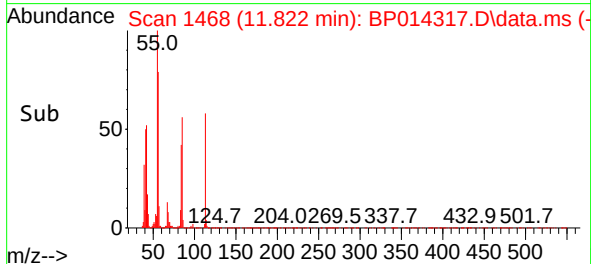
Instrument :
BNA_P
ClientSampleId :
PB151659BS



Tgt Ion:113 Resp: 94720
Ion Ratio Lower Upper
113 100
55 172.3 128.9 168.9
56 135.9 99.6 139.6

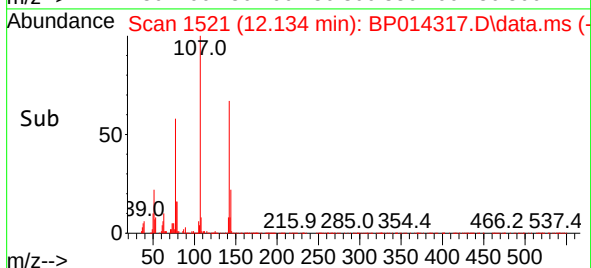
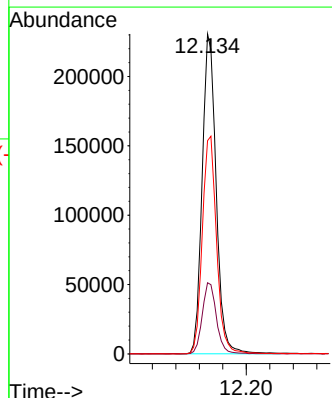
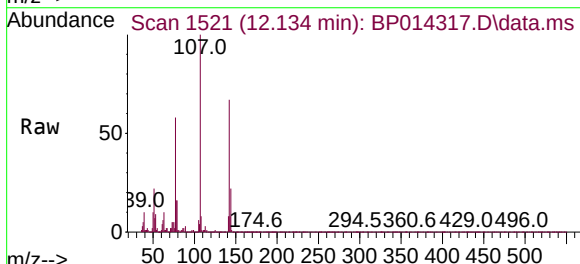
Manual Integrations
APPROVED

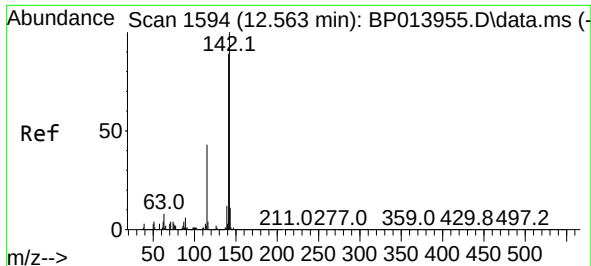
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#36
4-Chloro-3-methylphenol
Concen: 45.593 ng
RT: 12.134 min Scan# 1521
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion:107 Resp: 381613
Ion Ratio Lower Upper
107 100
144 22.2 19.3 28.9
142 66.6 58.5 87.7





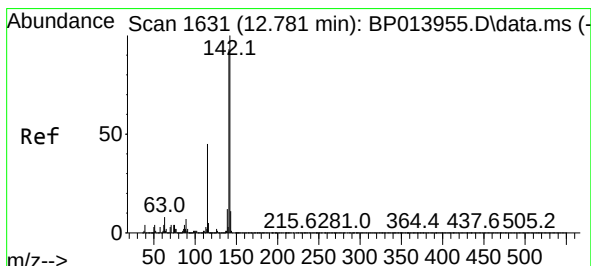
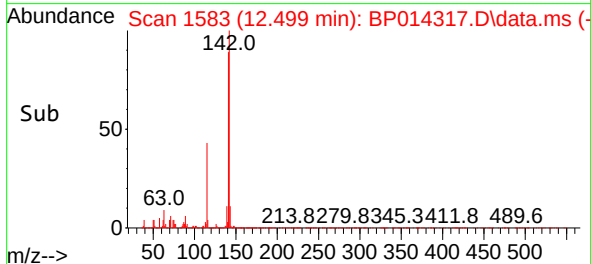
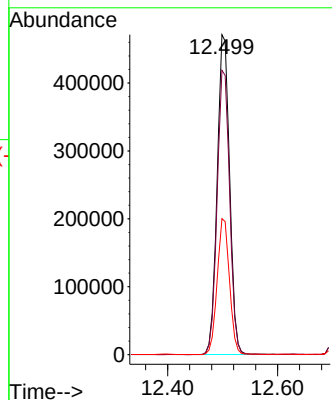
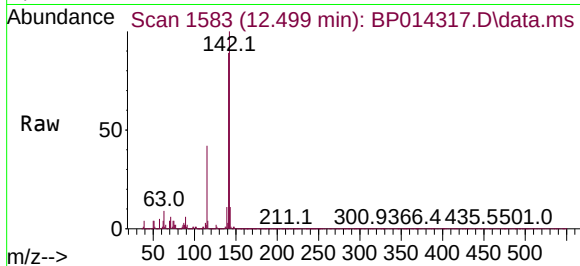
#37
2-Methylnaphthalene
Concen: 42.154 ng
RT: 12.499 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :
BNA_P
ClientSampleId :
PB151659BS

Tgt Ion:142 Resp: 739956
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.4
115 42.5 34.5 51.7

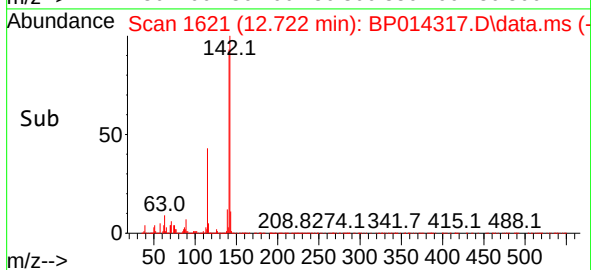
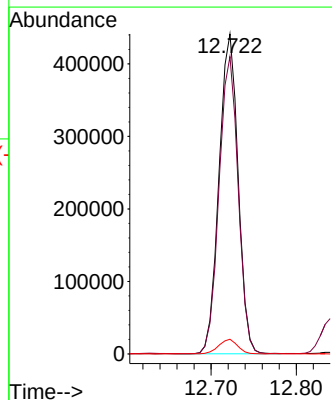
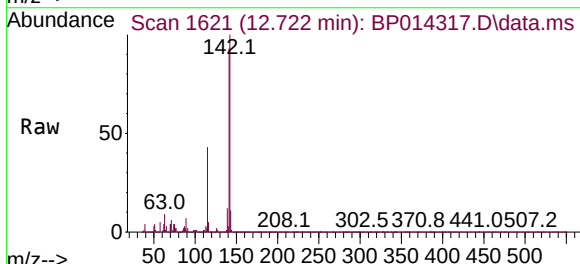
Manual Integrations
APPROVED

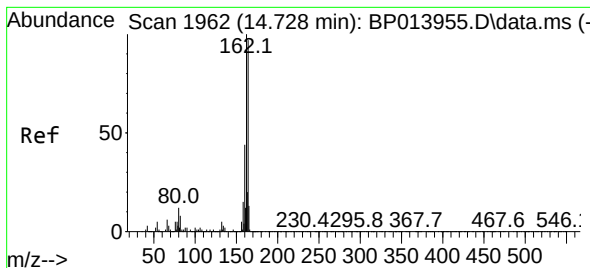
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#38
1-Methylnaphthalene
Concen: 41.917 ng
RT: 12.722 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion:142 Resp: 685872
Ion Ratio Lower Upper
142 100
141 92.9 74.4 111.6
116 4.6 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.675 min Scan# 1962

Delta R.T. 0.000 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

Instrument :

BNA_P

ClientSampleId :

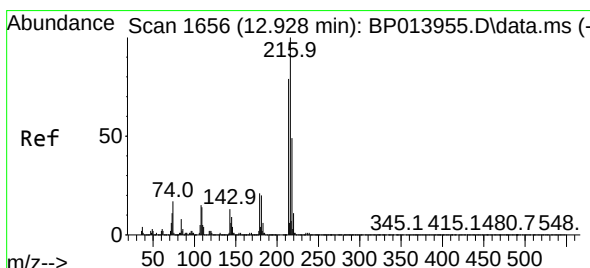
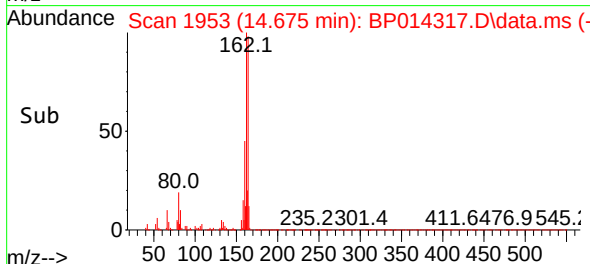
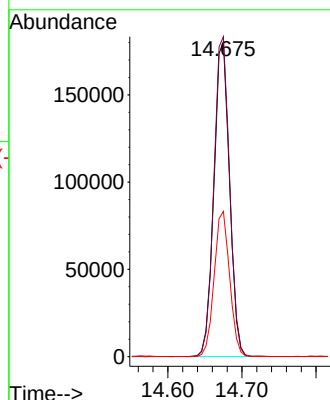
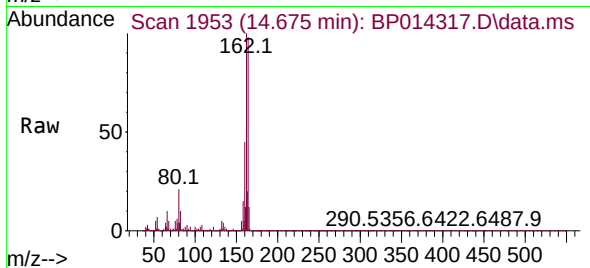
PB151659BS

Tgt Ion:	164	Resp:	26376
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.1	123.1
160	46.1	36.2	54.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.486 ng

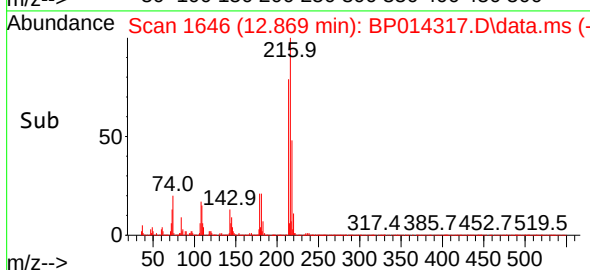
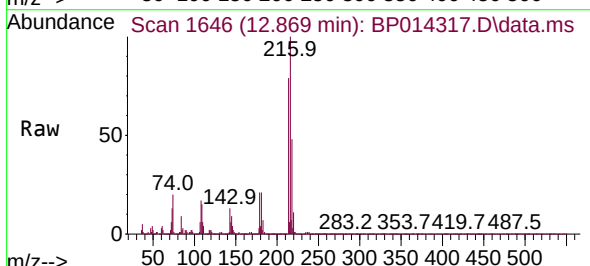
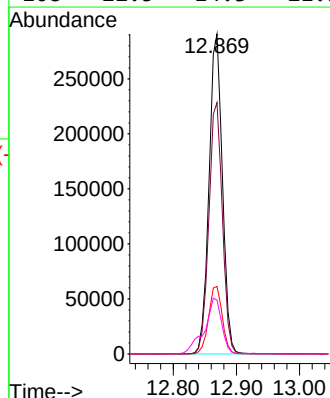
RT: 12.869 min Scan# 1646

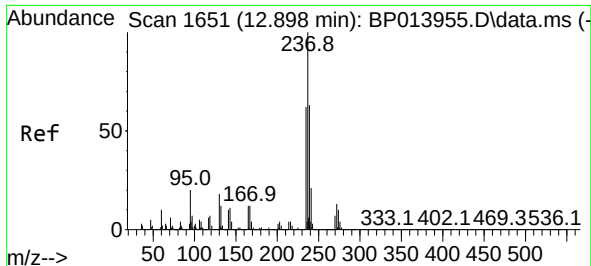
Delta R.T. 0.000 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

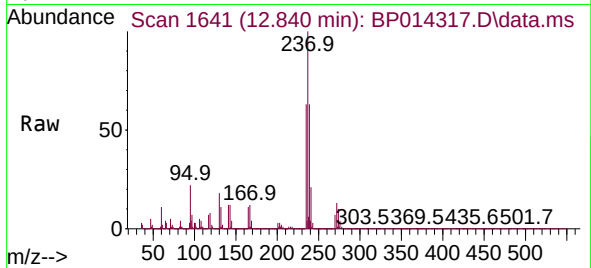
Tgt Ion:	216	Resp:	427154
Ion Ratio	Lower	Upper	
216	100		
214	79.3	62.2	93.2
179	21.6	16.6	24.8
108	22.5	14.3	21.5





#41
Hexachlorocyclopentadiene
Concen: 96.748 ng
RT: 12.840 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

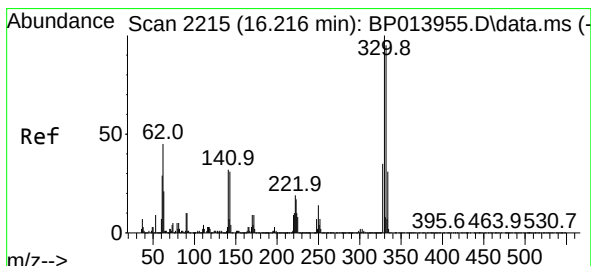
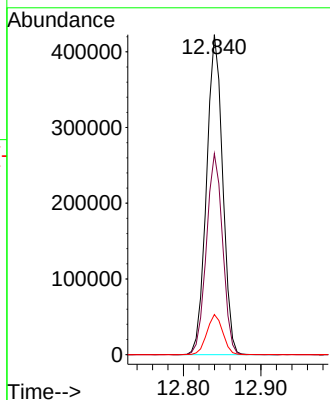
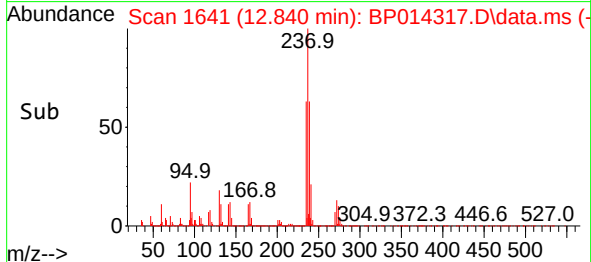
Instrument :
BNA_P
ClientSampleId :
PB151659BS



Tgt Ion: 237 Resp: 610448
Ion Ratio Lower Upper
237 100
235 62.8 41.9 81.9
272 12.5 0.0 32.6

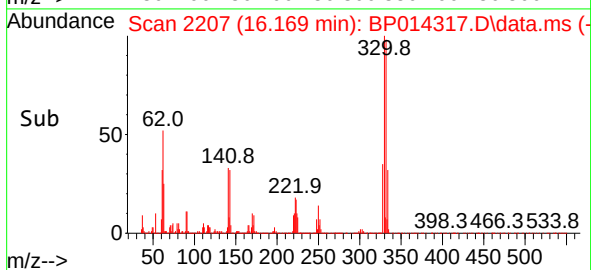
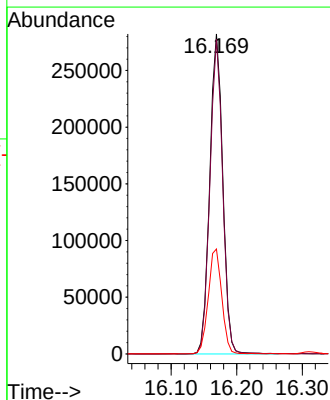
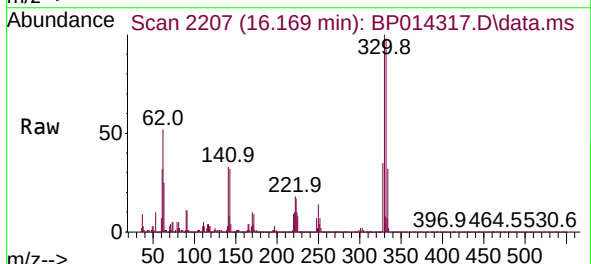
Manual Integrations
APPROVED

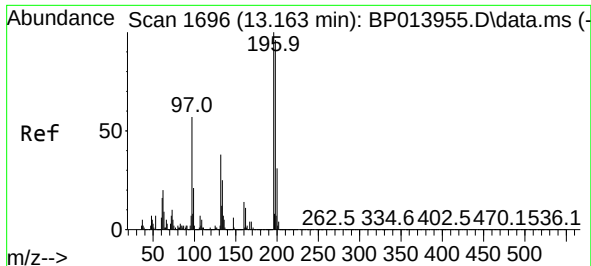
Reviewed By : Christian Giraldo 03/28/2023
Supervised By : Jagrut Upadhyay 03/28/2023



#42
2,4,6-Tribromophenol
Concen: 91.010 ng
RT: 16.169 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

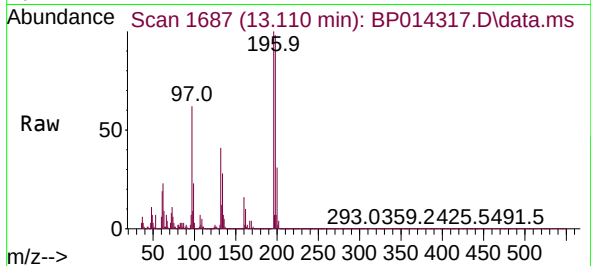
Tgt Ion: 330 Resp: 389213
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 34.1 25.6 38.4





#43
2,4,6-Trichlorophenol
Concen: 42.620 ng
RT: 13.110 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

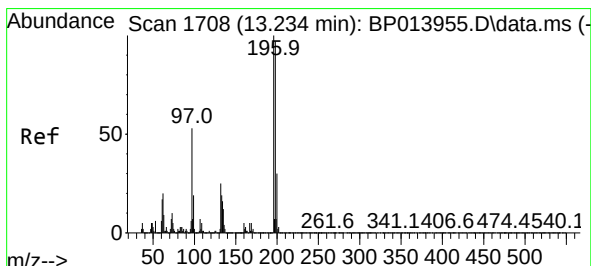
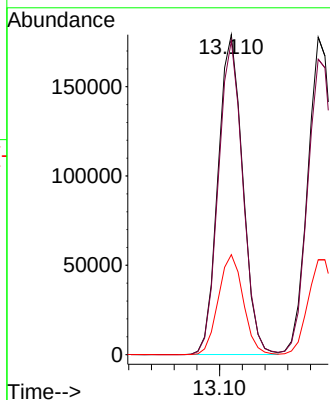
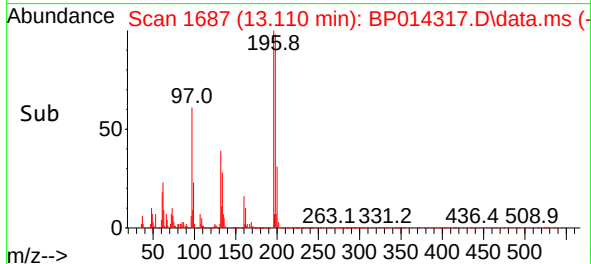
Instrument :
BNA_P
ClientSampleId :
PB151659BS



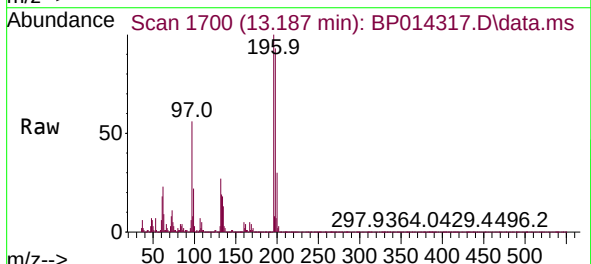
Tgt Ion:196 Resp: 270855
Ion Ratio Lower Upper
196 100
198 98.1 76.7 115.1
200 31.2 25.2 37.8

Manual Integrations
APPROVED

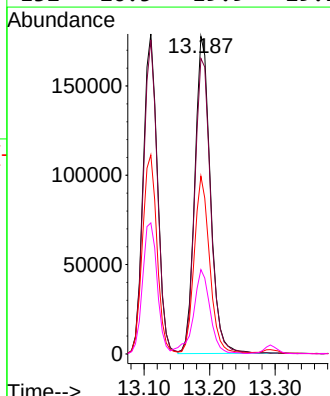
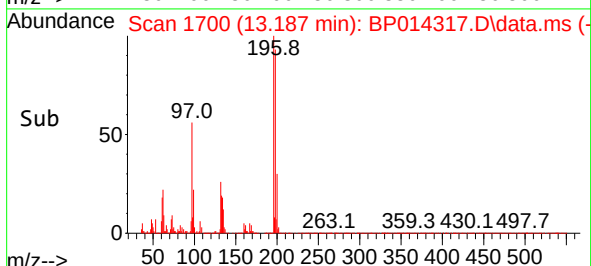
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

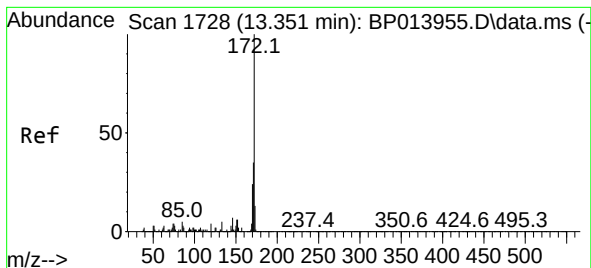


#44
2,4,5-Trichlorophenol
Concen: 39.792 ng
RT: 13.187 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51



Tgt Ion:196 Resp: 293037
Ion Ratio Lower Upper
196 100
198 93.1 77.5 116.3
97 56.0 42.6 64.0
132 26.5 19.9 29.9





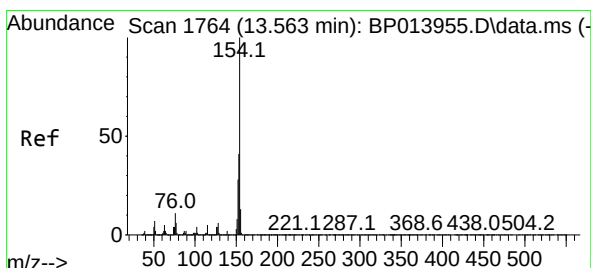
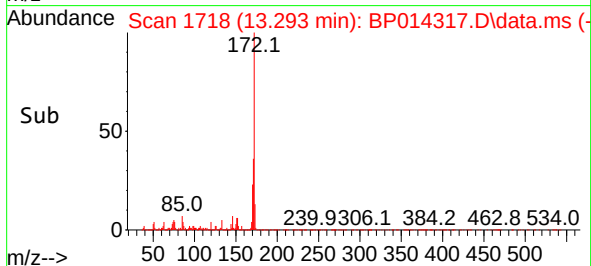
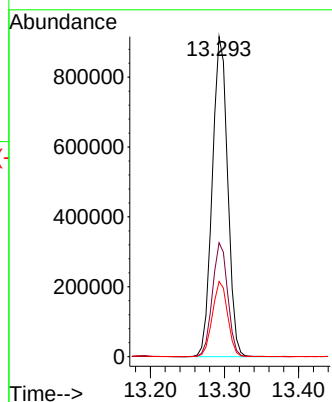
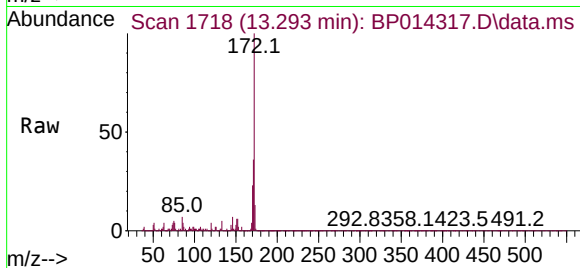
#45
2-Fluorobiphenyl
Concen: 64.729 ng
RT: 13.293 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :
BNA_P
ClientSampleId :
PB151659BS

Tgt Ion:172 Resp: 1317814
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 19.0 28.4

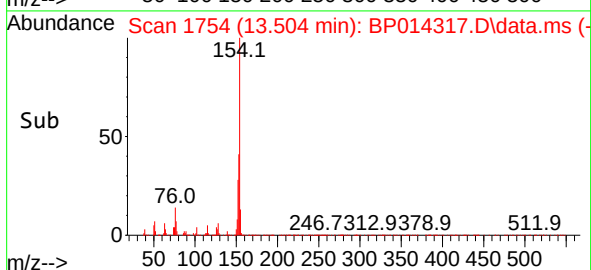
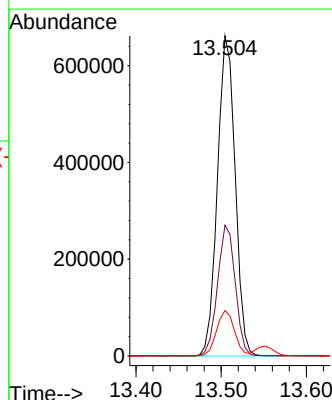
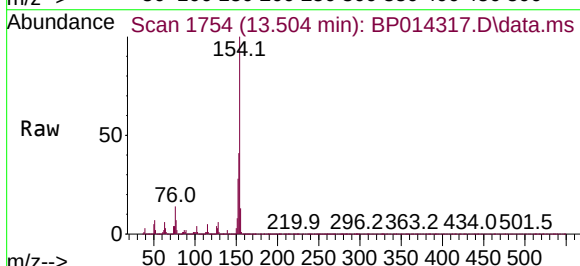
Manual Integrations
APPROVED

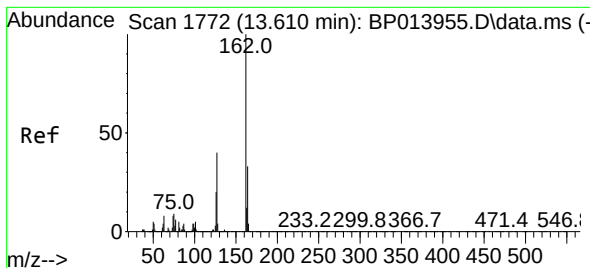
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#46
1,1'-Biphenyl
Concen: 45.015 ng
RT: 13.504 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion:154 Resp: 955716
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 14.2 0.0 31.0





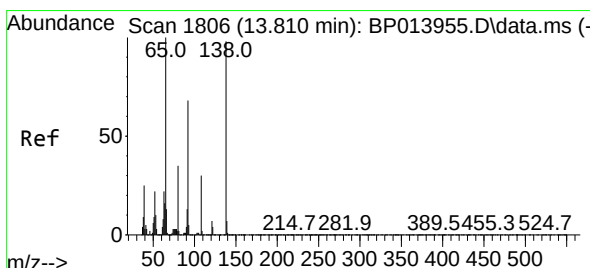
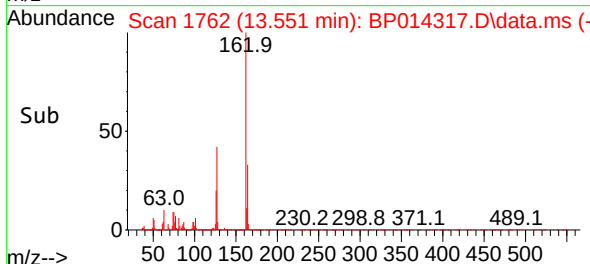
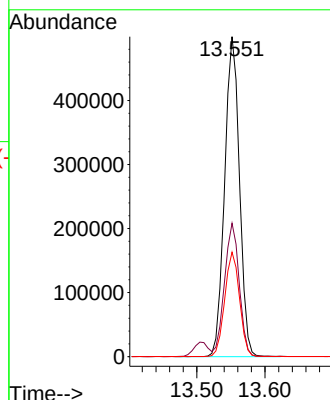
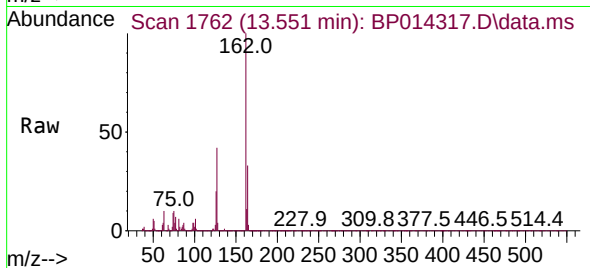
#47
2-Chloronaphthalene
Concen: 45.849 ng
RT: 13.551 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :
BNA_P
ClientSampleId :
PB151659BS

Tgt Ion:162 Resp: 749358
Ion Ratio Lower Upper
162 100
127 41.7 32.5 48.7
164 32.6 26.3 39.5

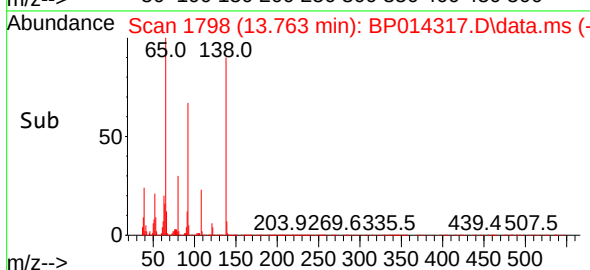
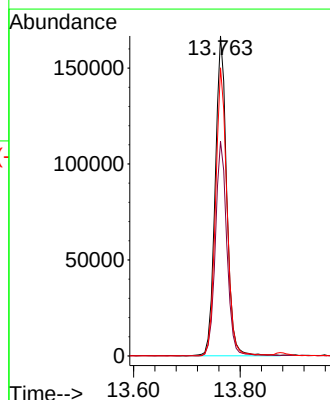
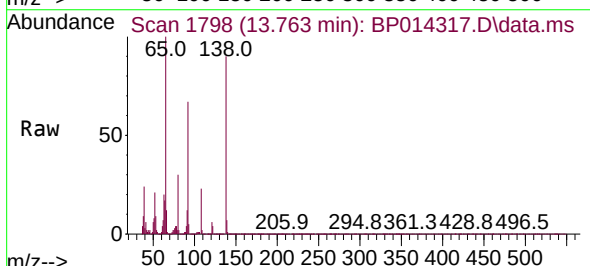
Manual Integrations
APPROVED

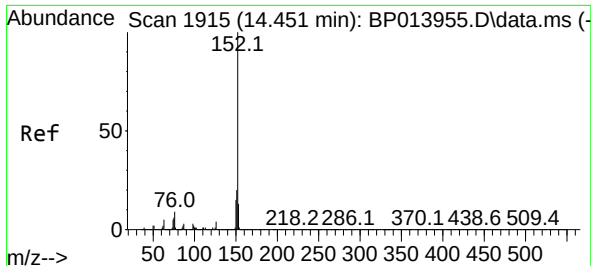
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#48
2-Nitroaniline
Concen: 50.567 ng
RT: 13.763 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion: 65 Resp: 250818
Ion Ratio Lower Upper
65 100
92 67.1 54.4 81.6
138 90.0 78.0 117.0





#49

Acenaphthylene

Concen: 44.394 ng

RT: 14.398 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

Instrument :

BNA_P

ClientSampleId :

PB151659BS

Tgt Ion:152 Resp: 1153884

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

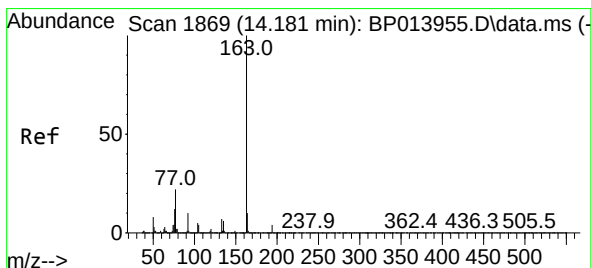
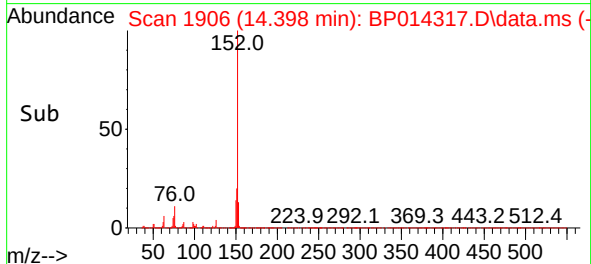
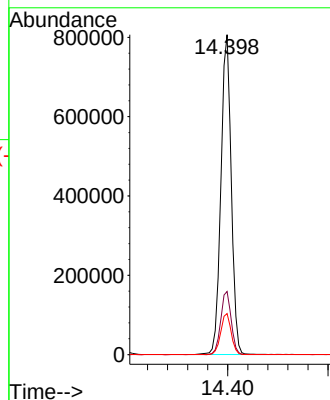
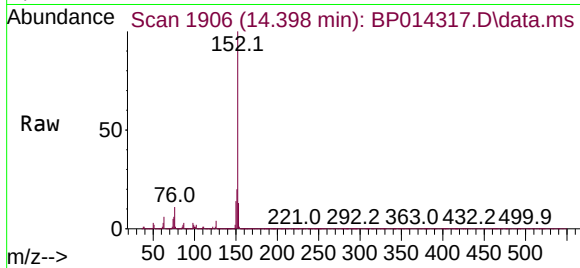
153 12.8 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#50

Dimethylphthalate

Concen: 42.122 ng

RT: 14.128 min Scan# 1860

Delta R.T. -0.006 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

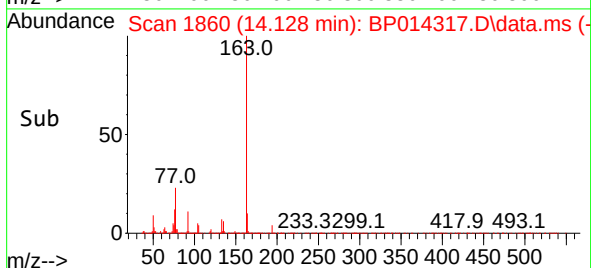
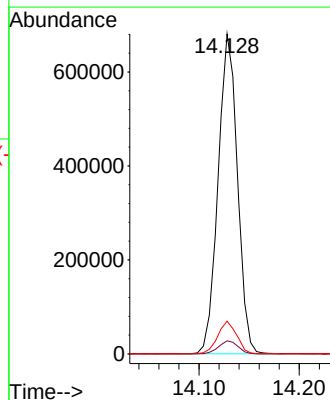
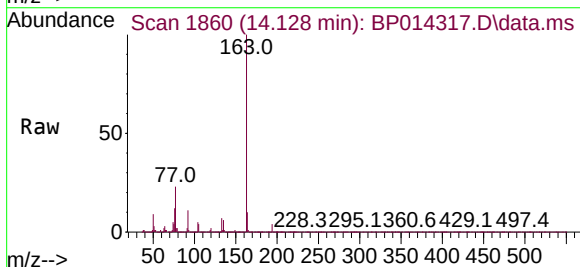
Tgt Ion:163 Resp: 916601

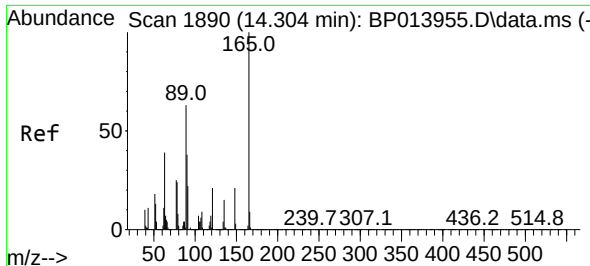
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.2 8.1 12.1





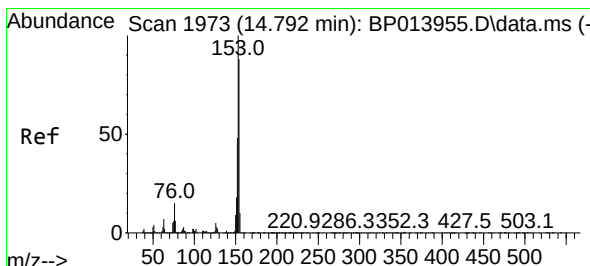
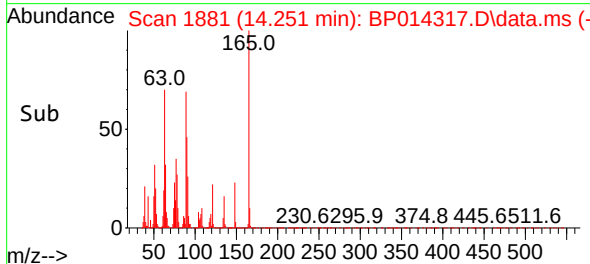
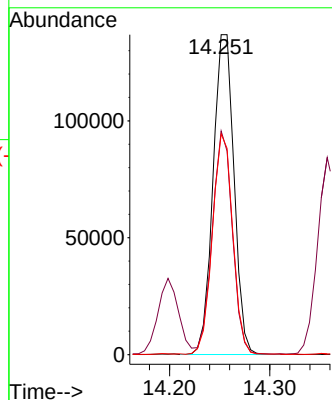
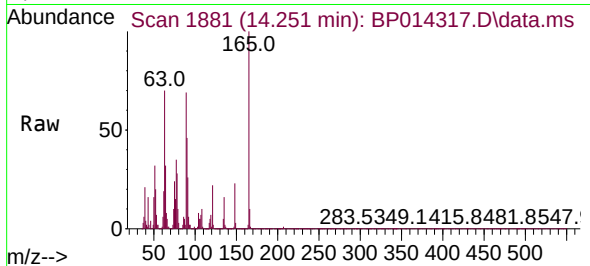
#51
2,6-Dinitrotoluene
Concen: 43.378 ng
RT: 14.251 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :
BNA_P
ClientSampleId :
PB151659BS

Tgt Ion:165 Resp: 198779
Ion Ratio Lower Upper
165 100
63 69.9 46.7 70.1
89 69.0 50.8 76.2

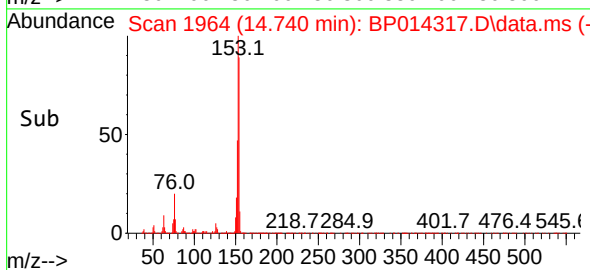
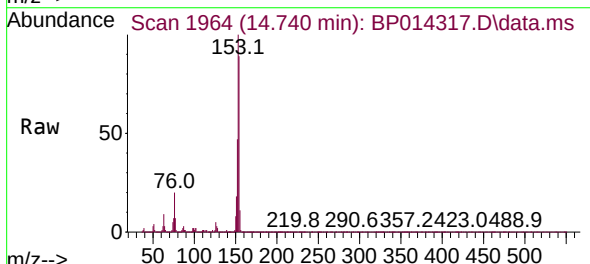
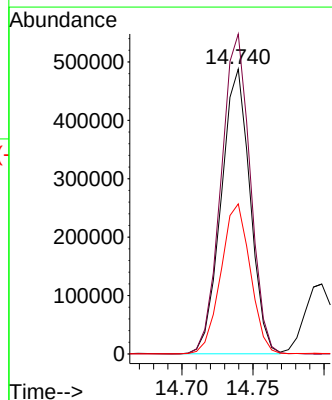
Manual Integrations
APPROVED

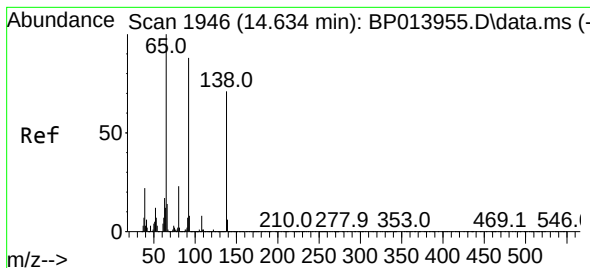
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#52
Acenaphthene
Concen: 44.155 ng
RT: 14.740 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion:154 Resp: 690851
Ion Ratio Lower Upper
154 100
153 112.3 91.3 136.9
152 52.6 43.4 65.0





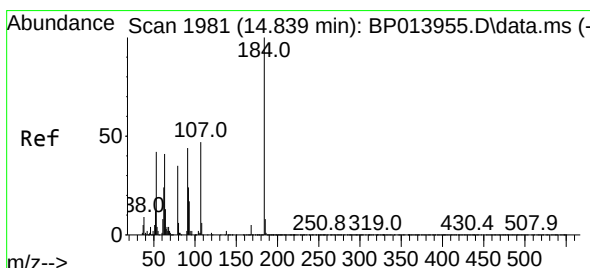
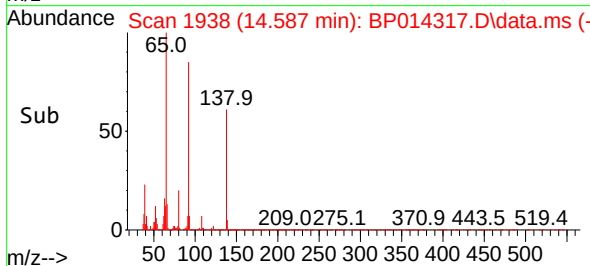
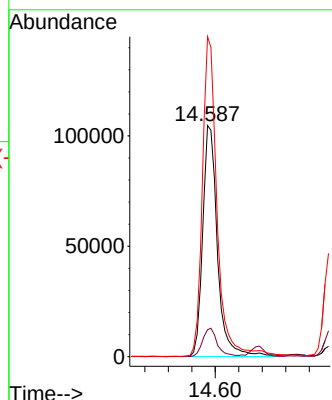
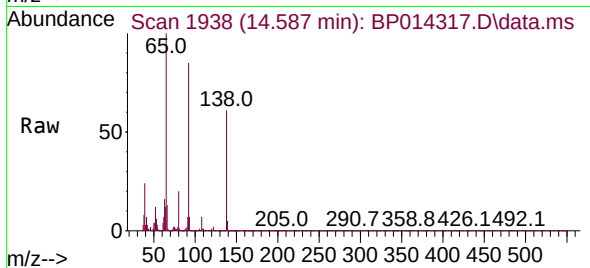
#53
3-Nitroaniline
Concen: 40.527 ng
RT: 14.587 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :
BNA_P
ClientSampleId :
PB151659BS

Tgt Ion:138 Resp: 182004
Ion Ratio Lower Upper
138 100
108 11.6 9.5 14.3
92 138.4 99.2 148.8

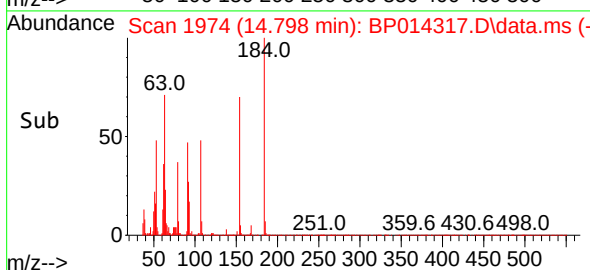
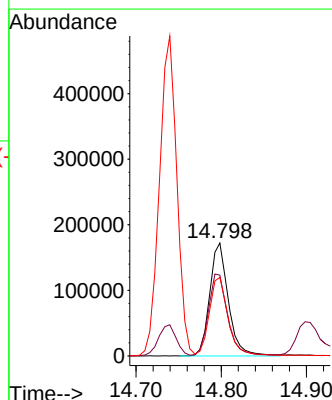
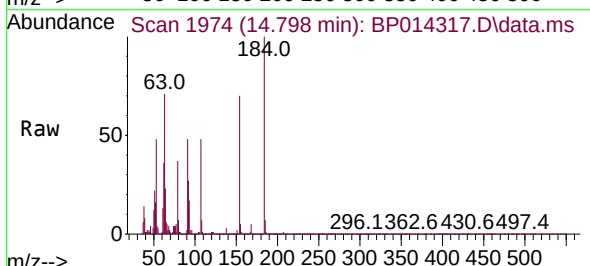
Manual Integrations
APPROVED

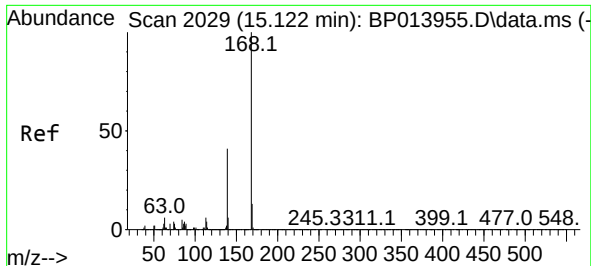
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#54
2,4-Dinitrophenol
Concen: 76.960 ng
RT: 14.798 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

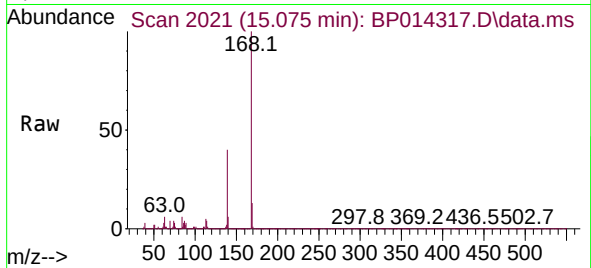
Tgt Ion:184 Resp: 261075
Ion Ratio Lower Upper
184 100
63 71.5 52.4 78.6
154 69.5 59.4 89.2





#55
Dibenzenofuran
Concen: 44.116 ng
RT: 15.075 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

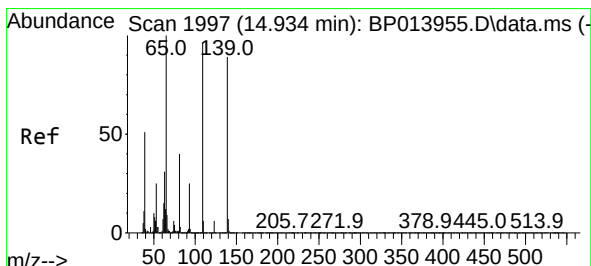
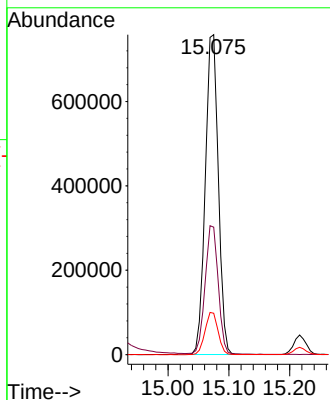
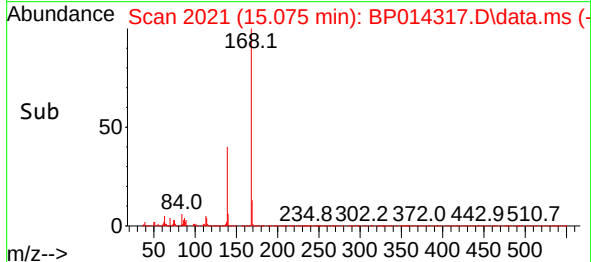
Instrument :
BNA_P
ClientSampleId :
PB151659BS



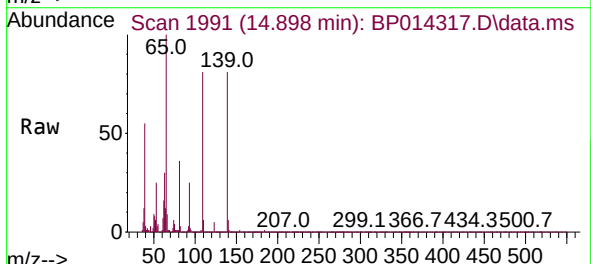
Tgt Ion:168 Resp: 112528
Ion Ratio Lower Upper
168 100
139 39.8 32.9 49.3
169 12.9 10.6 15.8

Manual Integrations
APPROVED

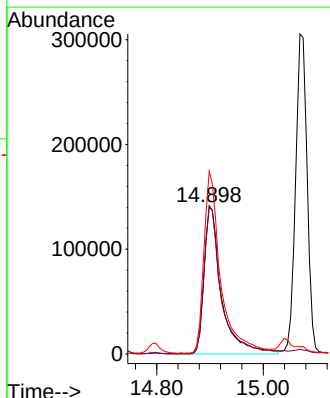
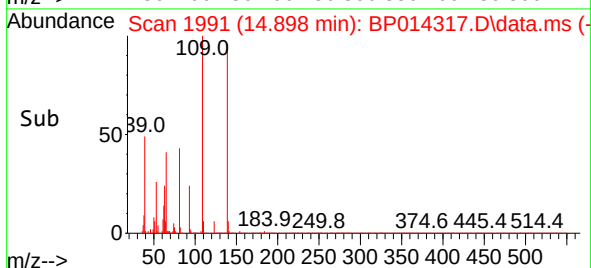
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

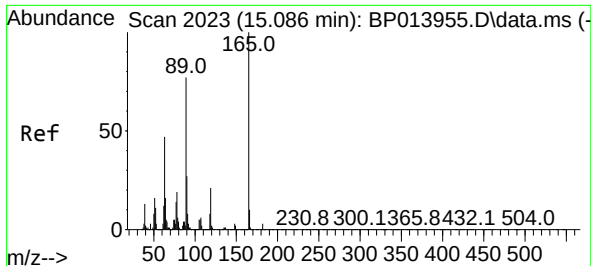


#56
4-Nitrophenol
Concen: 87.260 ng
RT: 14.898 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51



Tgt Ion:139 Resp: 319111
Ion Ratio Lower Upper
139 100
109 100.7 87.0 127.0
65 124.0 92.1 132.1





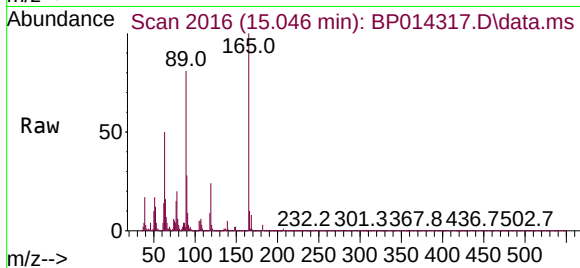
#57
2,4-Dinitrotoluene
Concen: 44.318 ng
RT: 15.046 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :

BNA_P

ClientSampleId :

PB151659BS

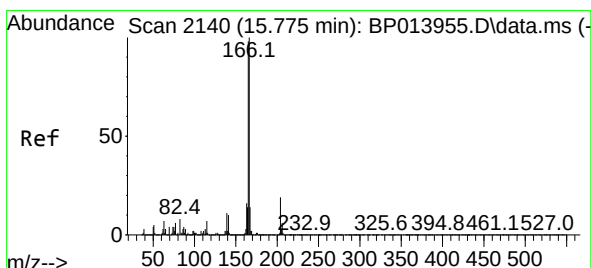
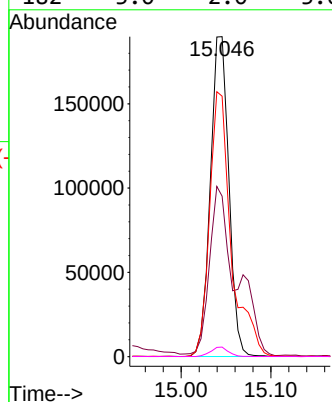
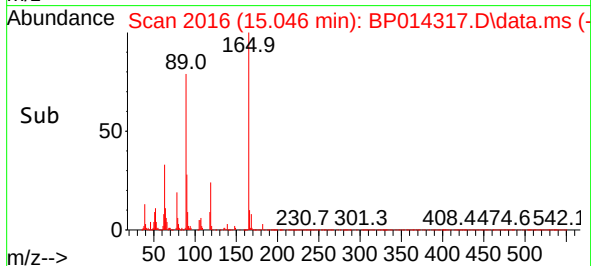


Tgt Ion:165 Resp: 271470
Ion Ratio Lower Upper
165 100
63 50.1 37.5 56.3
89 81.4 61.8 92.8
182 3.0 2.0 3.0

Manual Integrations

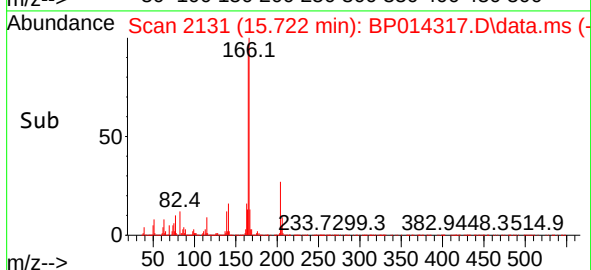
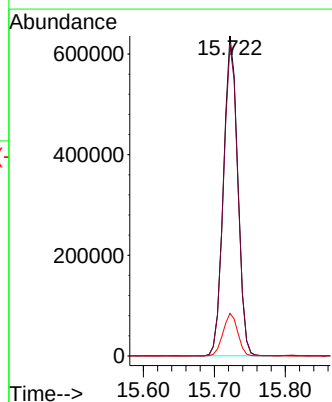
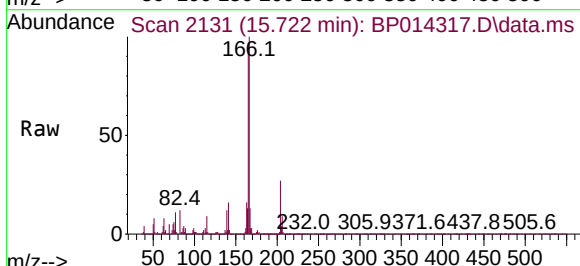
APPROVED

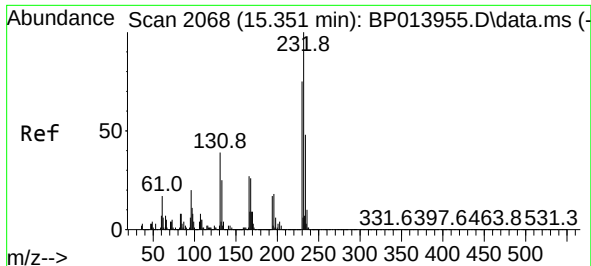
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#58
Fluorene
Concen: 43.897 ng
RT: 15.722 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

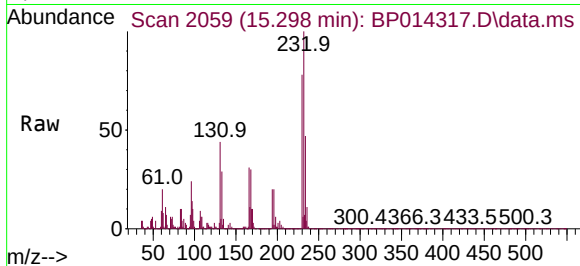
Tgt Ion:166 Resp: 889094
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 13.3 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.097 ng
RT: 15.298 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

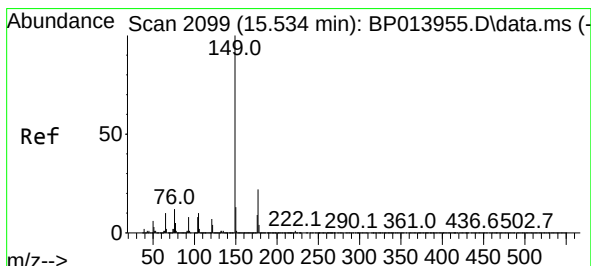
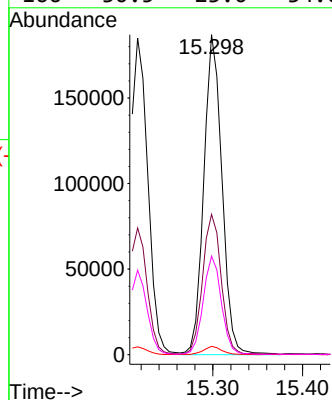
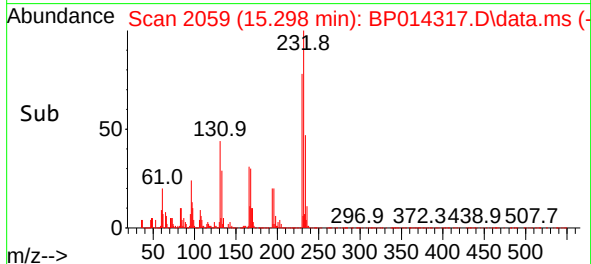
Instrument :
BNA_P
ClientSampleId :
PB151659BS



Tgt Ion:232 Resp: 264026
Ion Ratio Lower Upper
232 100
131 44.8 32.5 48.7
130 2.6 1.9 2.9
166 30.5 23.0 34.6

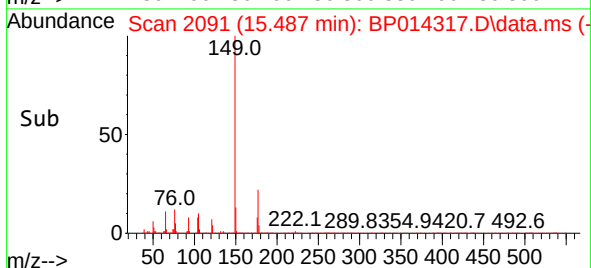
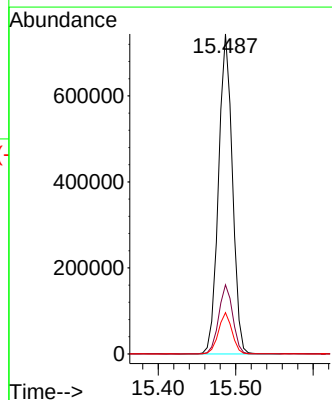
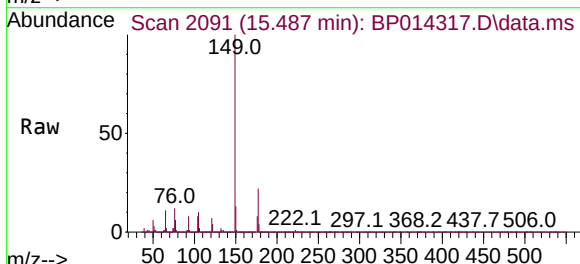
Manual Integrations
APPROVED

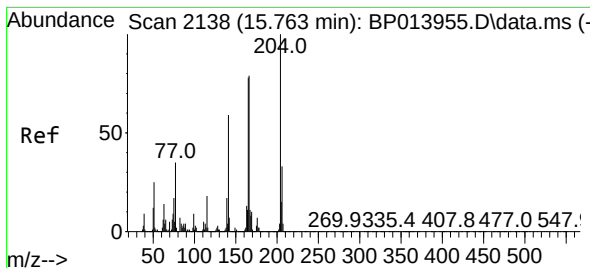
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#60
Diethylphthalate
Concen: 43.009 ng
RT: 15.487 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion:149 Resp: 924040
Ion Ratio Lower Upper
149 100
177 21.6 18.0 27.0
150 12.9 10.3 15.5





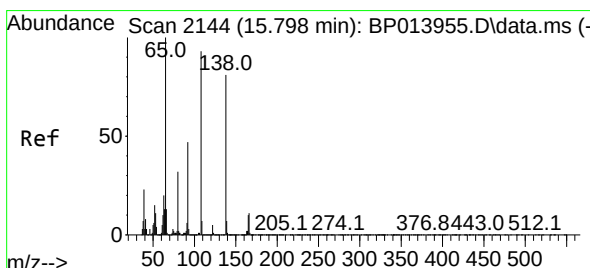
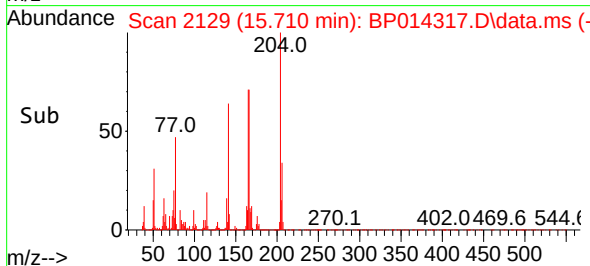
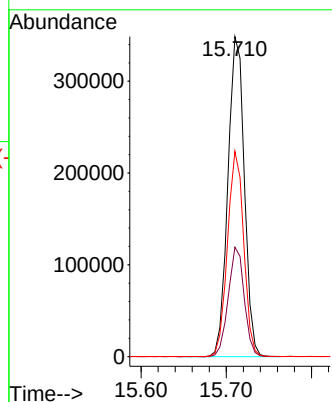
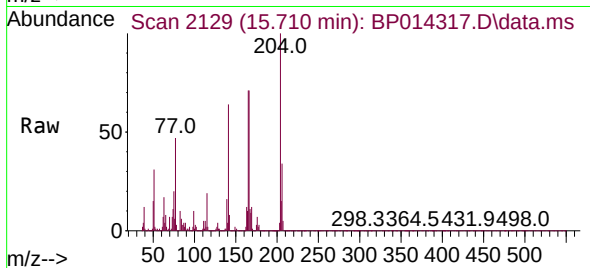
#61
4-Chlorophenyl-phenylether
Concen: 40.607 ng
RT: 15.710 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :
BNA_P
ClientSampleId :
PB151659BS

Tgt Ion:204 Resp: 466235
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.4
141 64.1 46.9 70.3

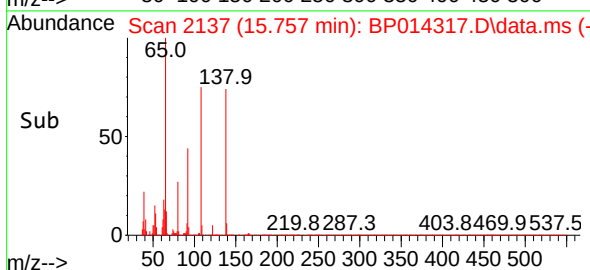
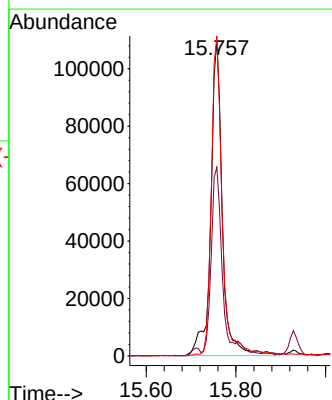
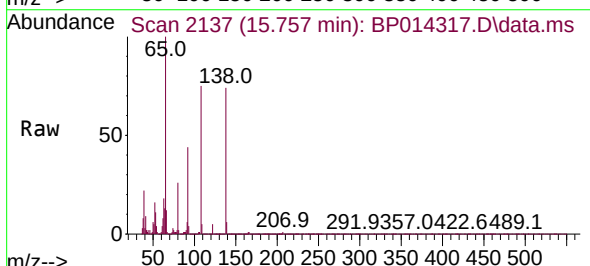
Manual Integrations
APPROVED

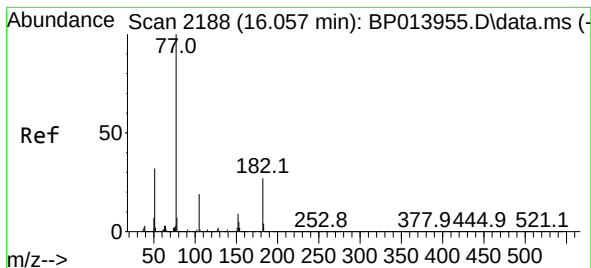
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#62
4-Nitroaniline
Concen: 43.895 ng
RT: 15.757 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

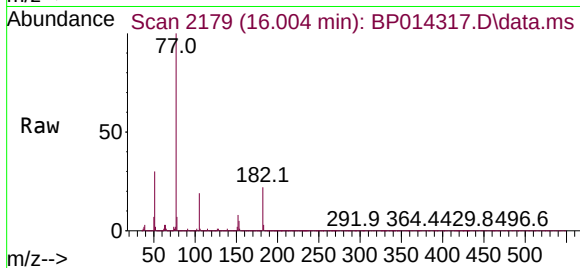
Tgt Ion:138 Resp: 196286
Ion Ratio Lower Upper
138 100
92 59.9 37.9 77.9
108 101.6 94.9 134.9





#63
Azobenzene
Concen: 49.619 ng
RT: 16.004 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

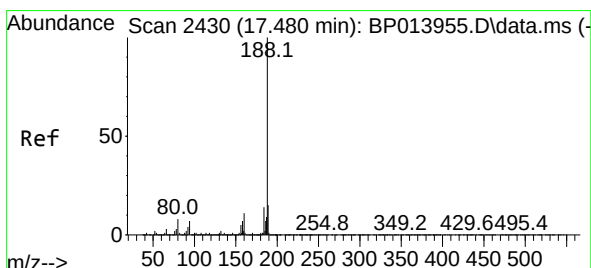
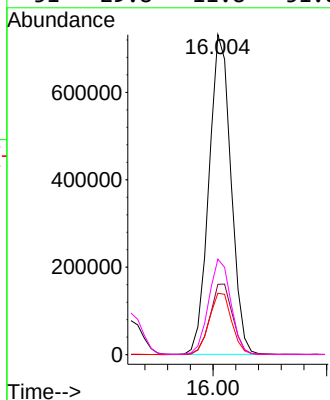
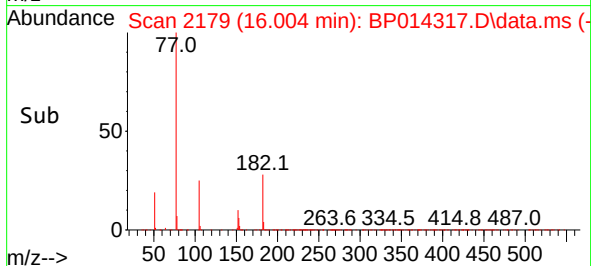
Instrument :
BNA_P
ClientSampleId :
PB151659BS



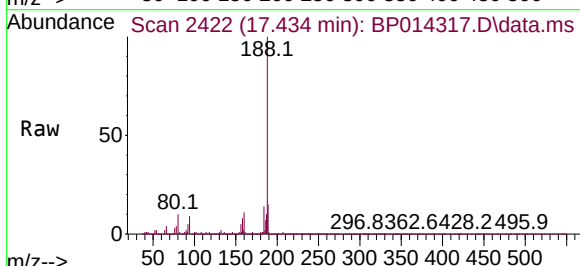
Tgt Ion: 77 Resp: 986460
Ion Ratio Lower Upper
77 100
182 22.0 6.9 46.9
105 19.2 0.0 39.4
51 29.8 11.8 51.8

Manual Integrations
APPROVED

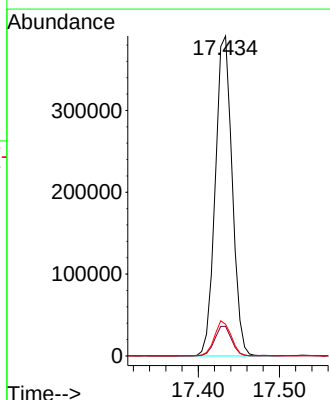
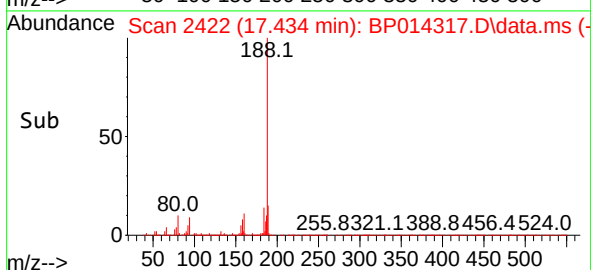
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

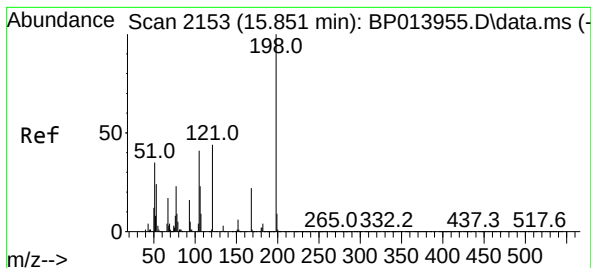


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.434 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51



Tgt Ion:188 Resp: 563321
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.6#
80 9.9 6.6 9.8#





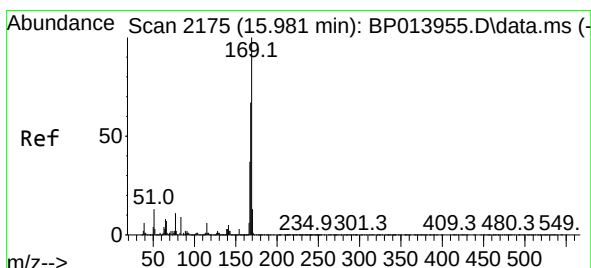
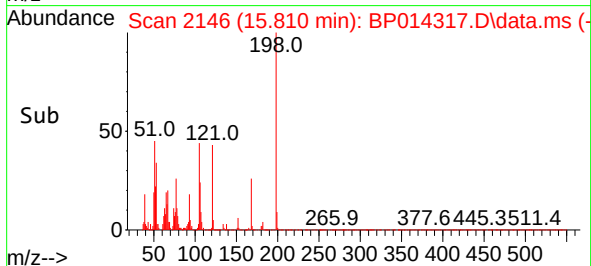
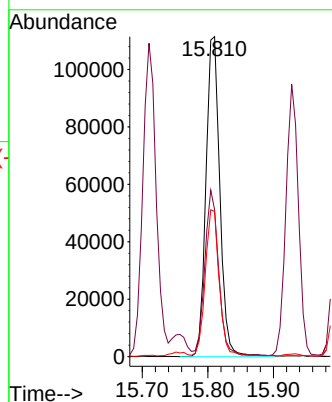
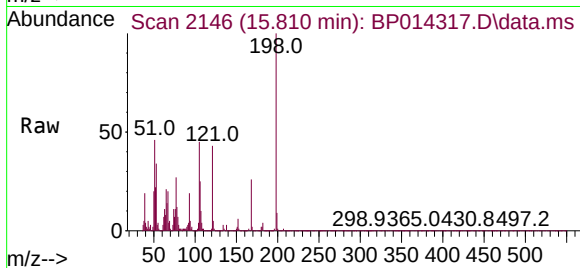
#65
4,6-Dinitro-2-methylphenol
Concen: 39.165 ng
RT: 15.810 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :
BNA_P
ClientSampleId :
PB151659BS

Tgt Ion:198 Resp: 163415
Ion Ratio Lower Upper
198 100
51 45.9 22.1 62.1
105 45.4 21.5 61.5

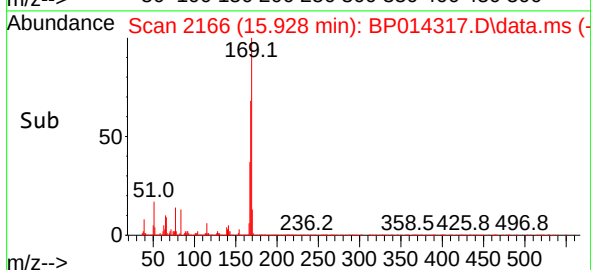
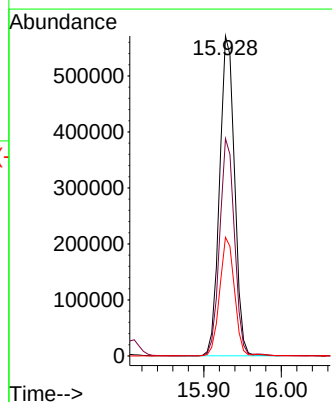
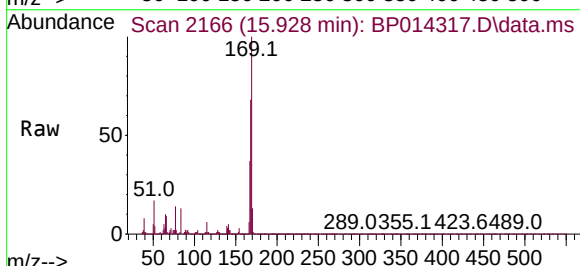
Manual Integrations
APPROVED

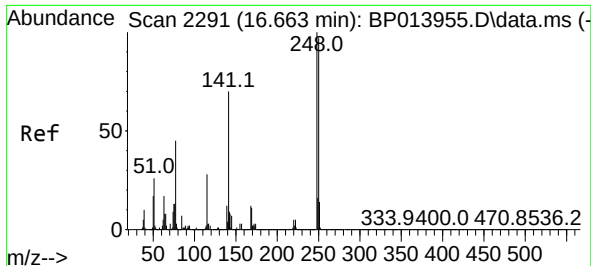
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#66
n-Nitrosodiphenylamine
Concen: 43.019 ng
RT: 15.928 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion:169 Resp: 765767
Ion Ratio Lower Upper
169 100
168 67.9 54.0 81.0
167 37.1 29.4 44.2





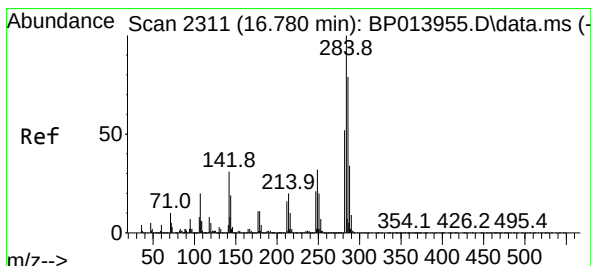
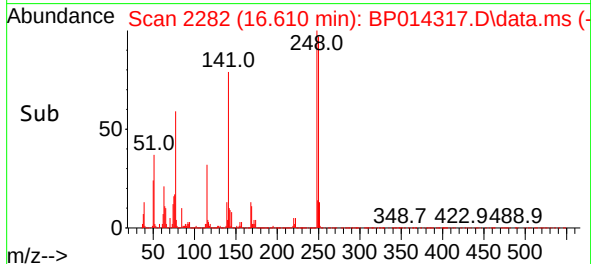
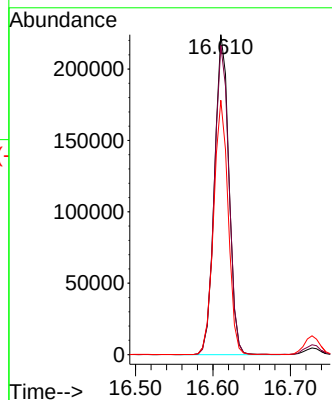
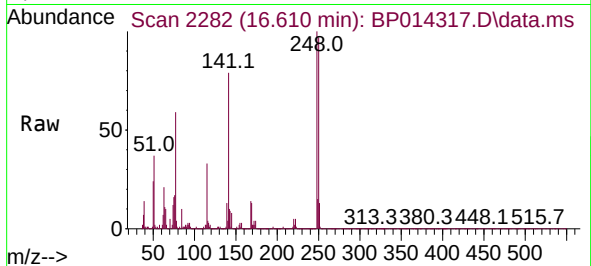
#67
4-Bromophenyl-phenylether
Concen: 38.926 ng
RT: 16.610 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :
BNA_P
ClientSampleId :
PB151659BS

Tgt Ion:248 Resp: 290046
Ion Ratio Lower Upper
248 100
250 96.6 77.9 116.9
141 79.5 56.0 84.0

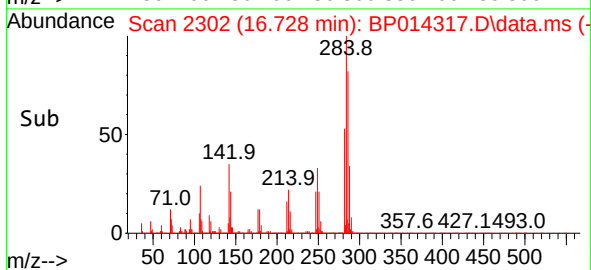
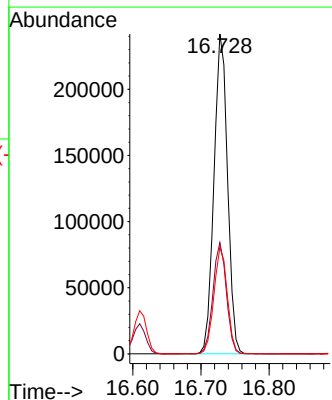
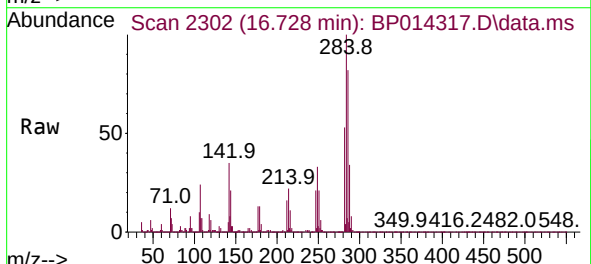
Manual Integrations
APPROVED

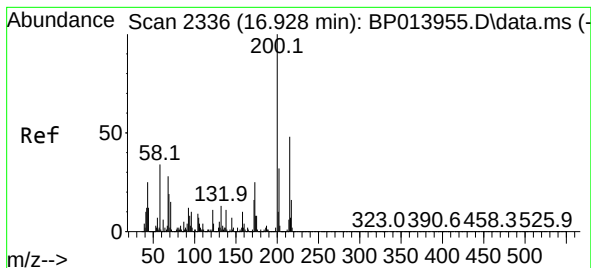
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#68
Hexachlorobenzene
Concen: 41.646 ng
RT: 16.728 min Scan# 2302
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion:284 Resp: 332621
Ion Ratio Lower Upper
284 100
142 34.8 24.8 37.2
249 33.3 25.7 38.5





#69

Atrazine

Concen: 44.315 ng

RT: 16.887 min Scan# 2336

Delta R.T. 0.000 min

Lab File: BP014317.D

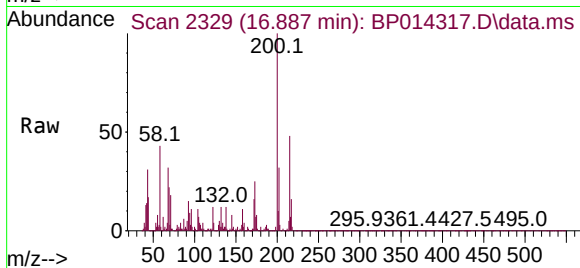
Acq: 27 Mar 2023 17:51

Instrument :

BNA_P

ClientSampleId :

PB151659BS



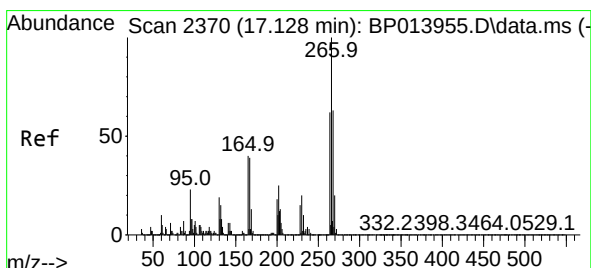
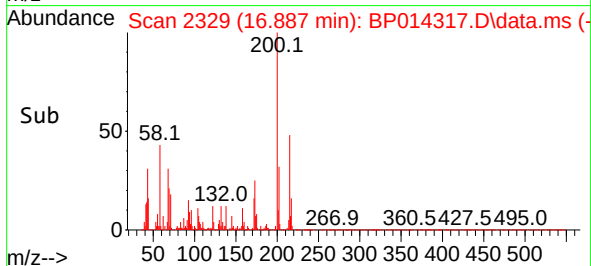
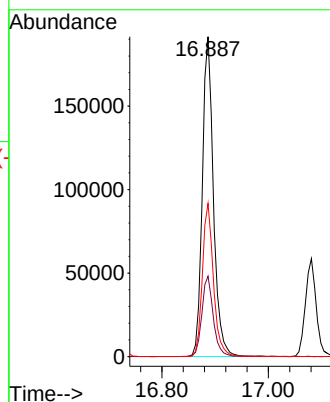
Tgt Ion: 200 Resp: 276948

Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.5	45.5
215	47.9	27.9	67.9

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 03/28/2023
Supervised By : Jagrut Upadhyay 03/28/2023



#70

Pentachlorophenol

Concen: 73.453 ng

RT: 17.081 min Scan# 2362

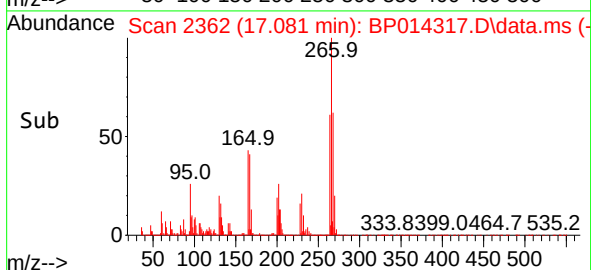
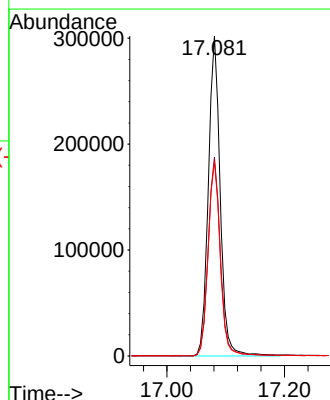
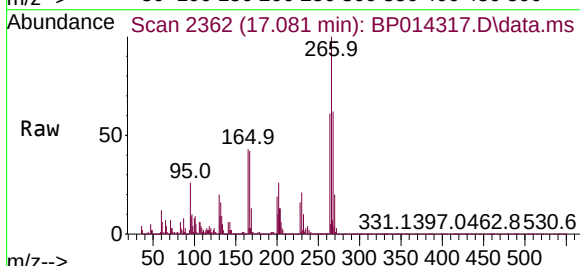
Delta R.T. -0.006 min

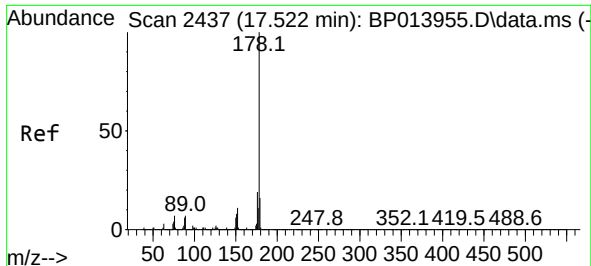
Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

Tgt Ion: 266 Resp: 423101

Ion	Ratio	Lower	Upper
266	100		
268	62.1	50.4	75.6
264	60.8	49.2	73.8





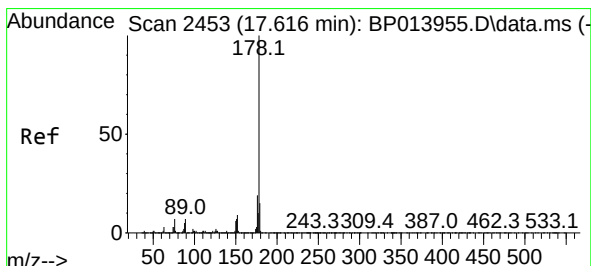
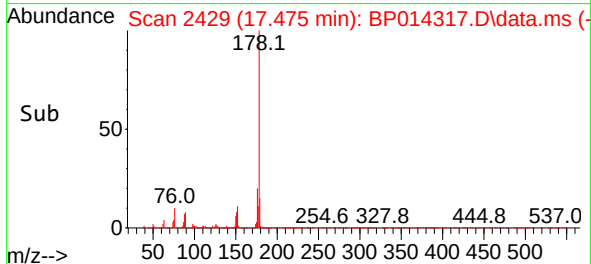
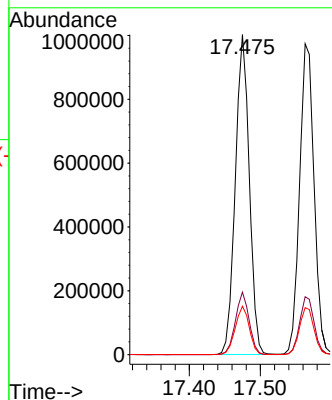
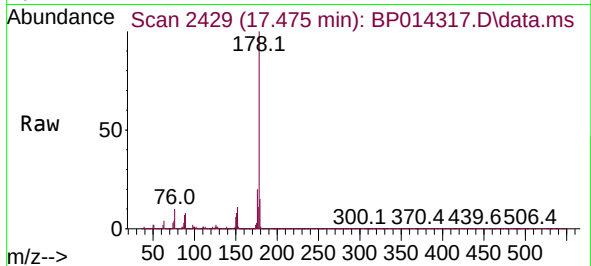
#71
Phenanthrene
Concen: 43.387 ng
RT: 17.475 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :
BNA_P
ClientSampleId :
PB151659BS

Tgt Ion:178 Resp: 1365391
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.1 12.6 19.0

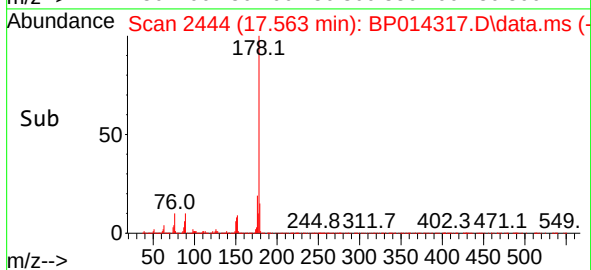
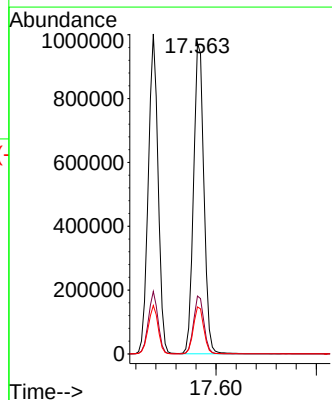
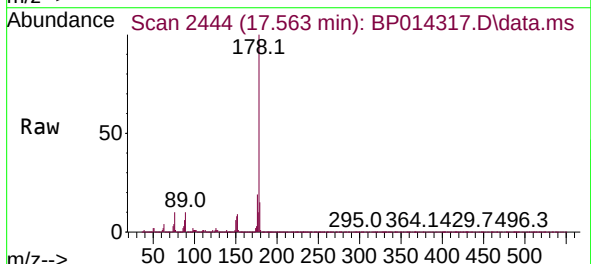
Manual Integrations
APPROVED

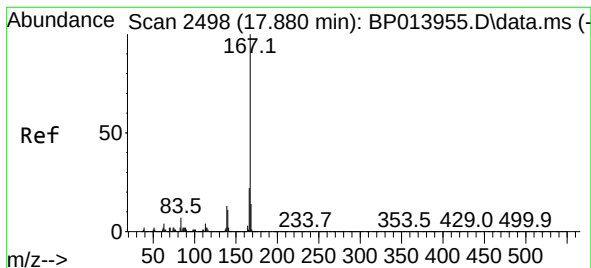
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#72
Anthracene
Concen: 43.201 ng
RT: 17.563 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion:178 Resp: 1389130
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.1 12.1 18.1





#73

Carbazole

Concen: 44.458 ng

RT: 17.839 min Scan# 2498

Delta R.T. 0.000 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

Instrument :

BNA_P

ClientSampleId :

PB151659BS

Tgt Ion:167 Resp: 1233154

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

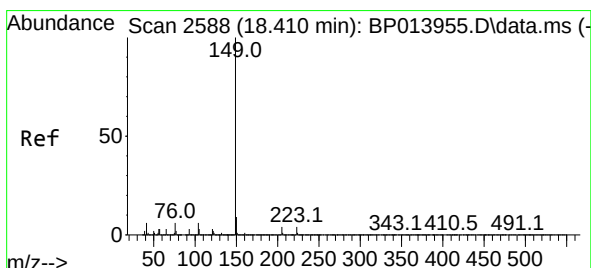
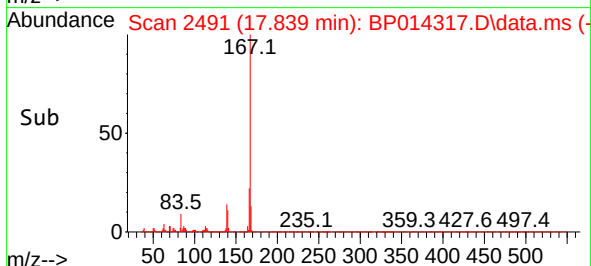
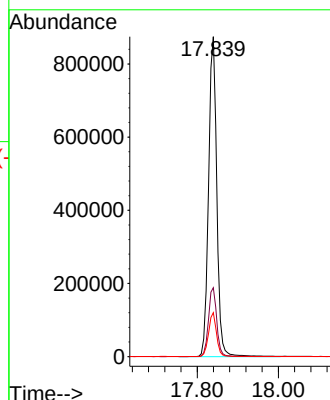
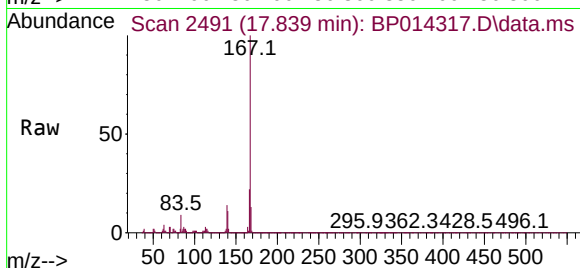
139 13.7 10.5 15.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#74

Di-n-butylphthalate

Concen: 45.200 ng

RT: 18.369 min Scan# 2581

Delta R.T. 0.000 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

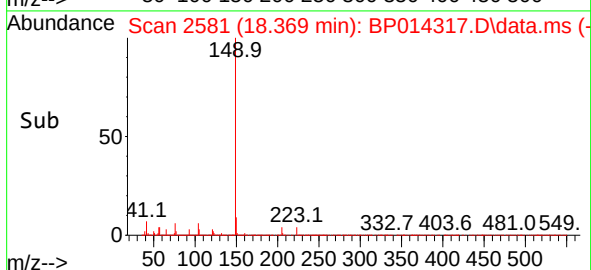
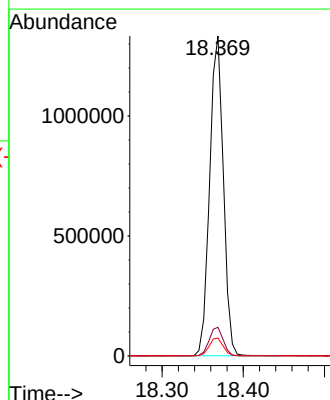
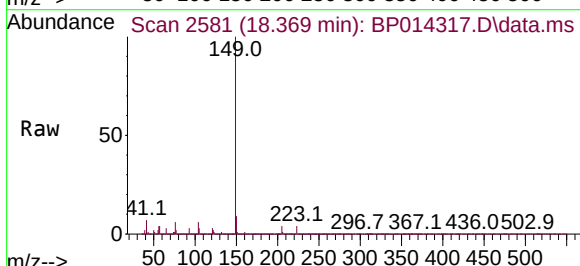
Tgt Ion:149 Resp: 1567519

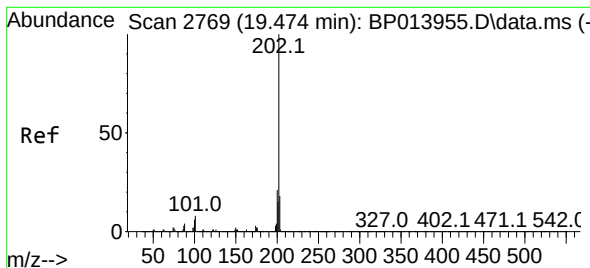
Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

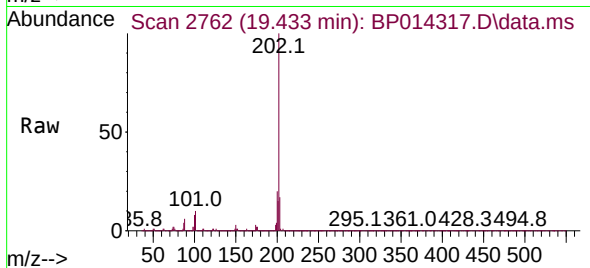
104 5.6 4.6 7.0





#75
Fluoranthene
Concen: 41.765 ng
RT: 19.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

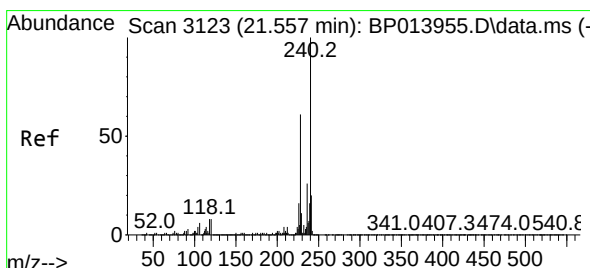
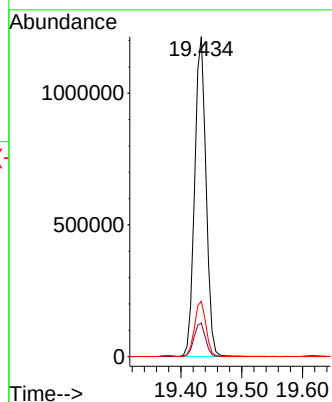
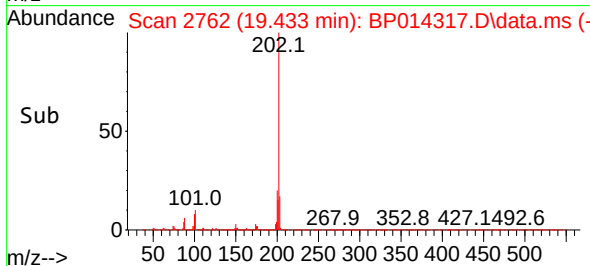
Instrument :
BNA_P
ClientSampleId :
PB151659BS



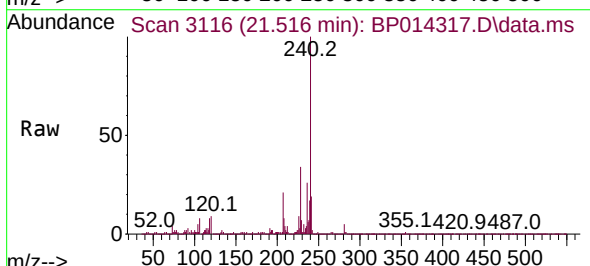
Tgt Ion:202 Resp: 1570990
Ion Ratio Lower Upper
202 100
101 10.4 0.0 27.9
203 17.3 0.0 37.7

Manual Integrations
APPROVED

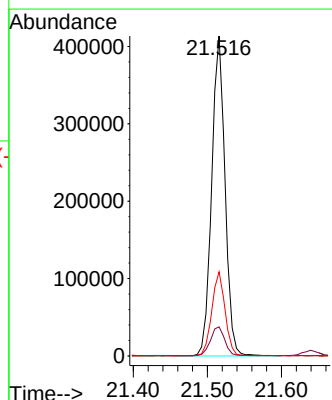
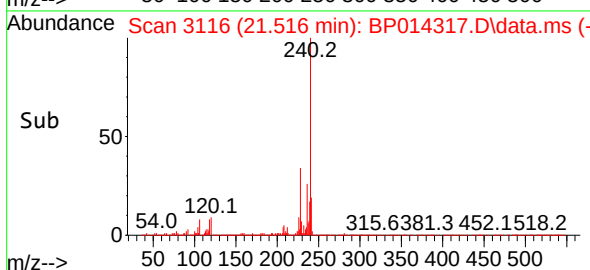
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

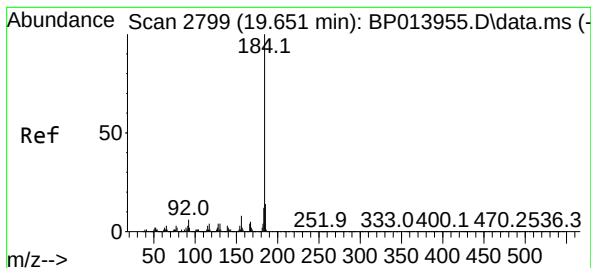


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51



Tgt Ion:240 Resp: 516748
Ion Ratio Lower Upper
240 100
120 9.1 6.4 9.6
236 26.3 21.2 31.8





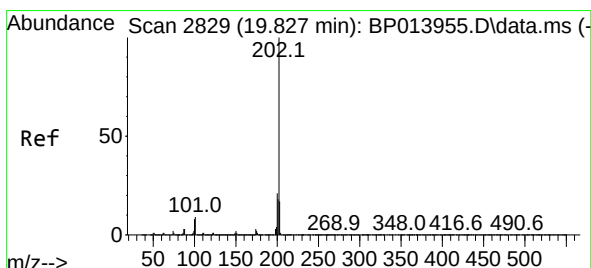
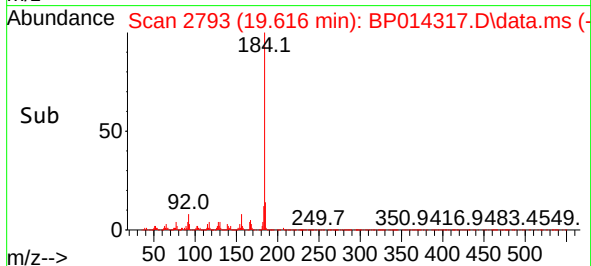
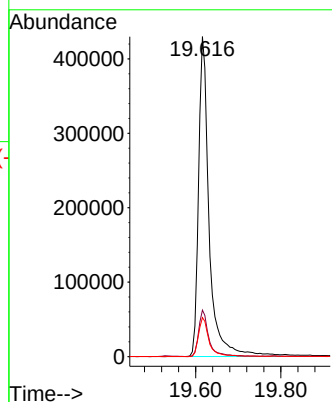
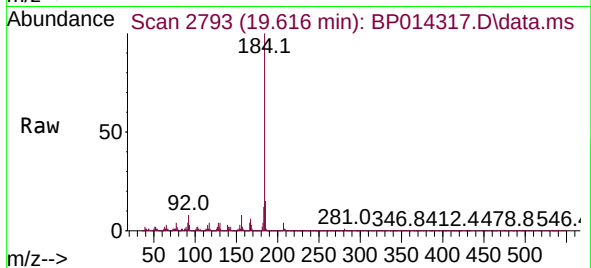
#77
Benzidine
Concen: 72.903 ng
RT: 19.616 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Instrument :
BNA_P
ClientSampleId :
PB151659BS

Tgt Ion:184 Resp: 743483
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 12.2 9.7 14.5

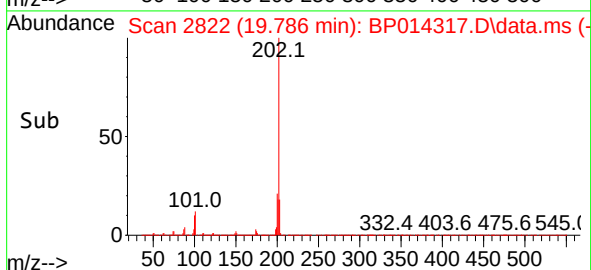
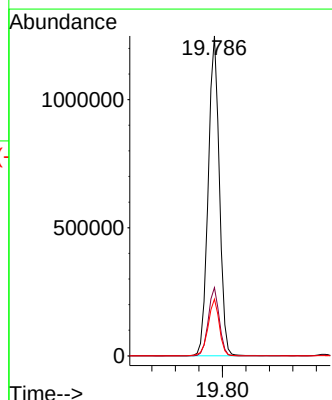
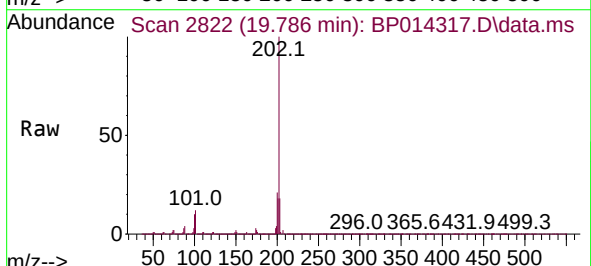
Manual Integrations
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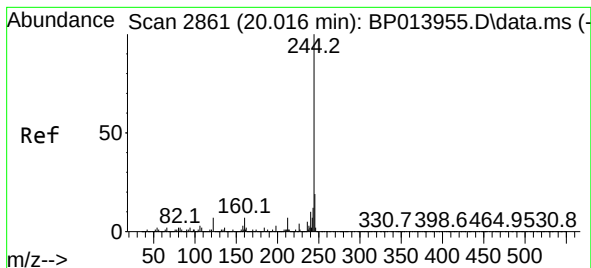
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#78
Pyrene
Concen: 41.403 ng
RT: 19.786 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion:202 Resp: 1642156
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 60.493 ng

RT: 19.969 min Scan# 2861

Delta R.T. -0.006 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

Instrument :

BNA_P

ClientSampleId :

PB151659BS

Tgt Ion:244 Resp: 1895732

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

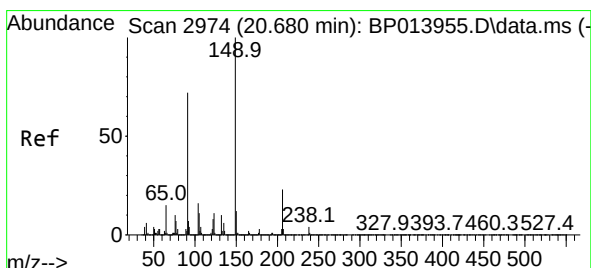
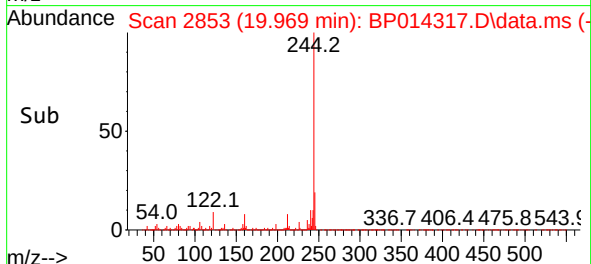
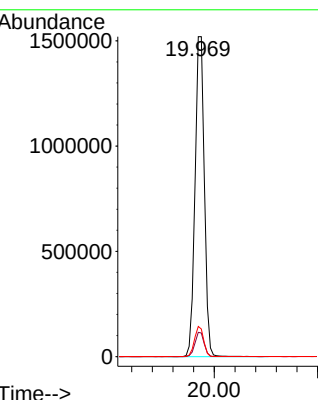
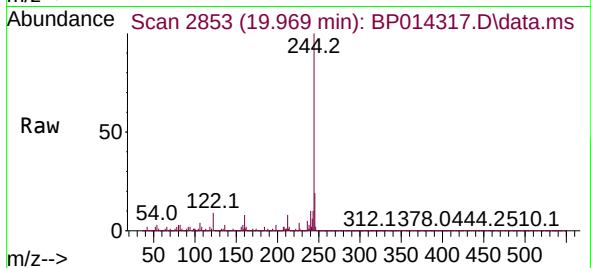
122 9.4 5.8 8.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#80

Butylbenzylphthalate

Concen: 43.879 ng

RT: 20.639 min Scan# 2967

Delta R.T. -0.006 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

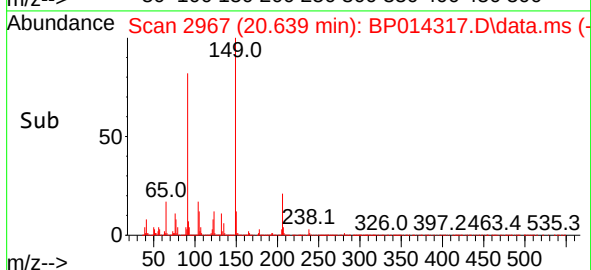
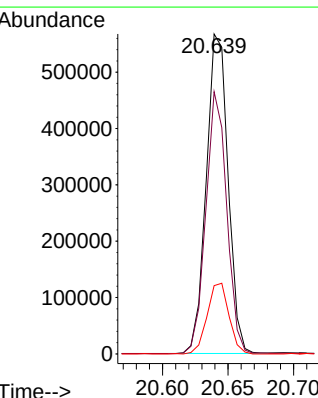
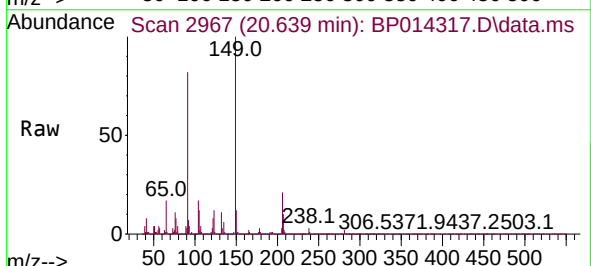
Tgt Ion:149 Resp: 659792

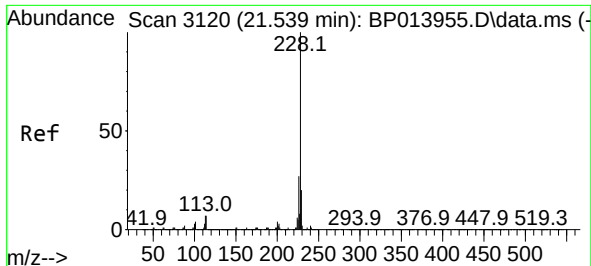
Ion Ratio Lower Upper

149 100

91 81.9 58.0 87.0

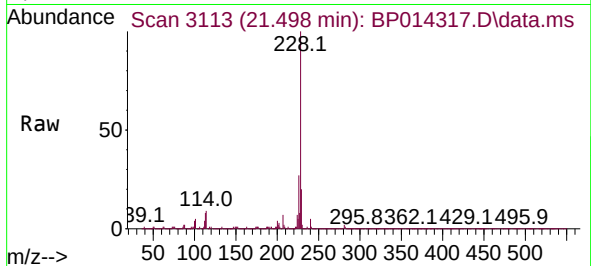
206 21.4 18.7 28.1





#81
Benzo(a)anthracene
Concen: 41.461 ng
RT: 21.498 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

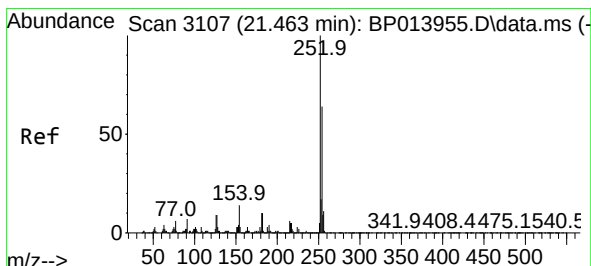
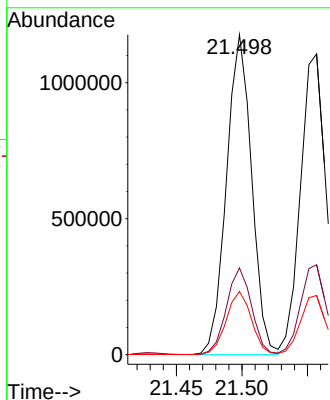
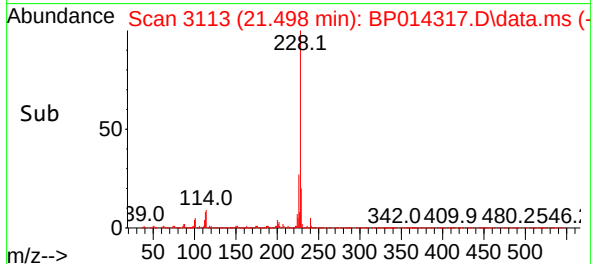
Instrument :
BNA_P
ClientSampleId :
PB151659BS



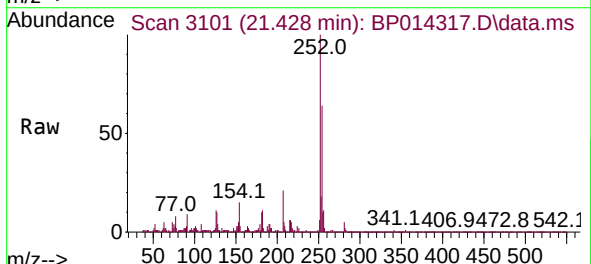
Tgt Ion:228 Resp: 1572026
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 15.8 23.6

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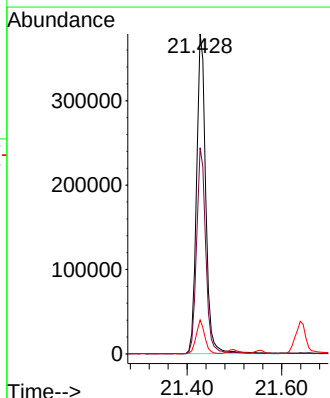
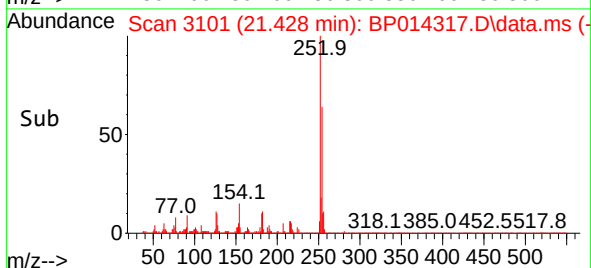
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

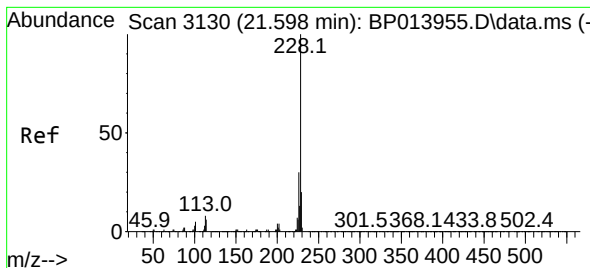


#82
3,3'-Dichlorobenzidine
Concen: 42.219 ng
RT: 21.428 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51



Tgt Ion:252 Resp: 512206
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.6
126 10.6 7.0 10.6#





#83

Chrysene

Concen: 41.395 ng

RT: 21.557 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

Instrument :

BNA_P

ClientSampleId :

PB151659BS

Tgt Ion:228 Resp: 1486332

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

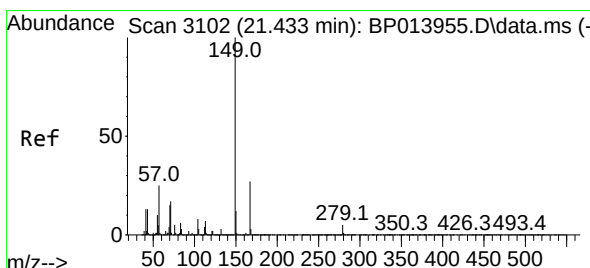
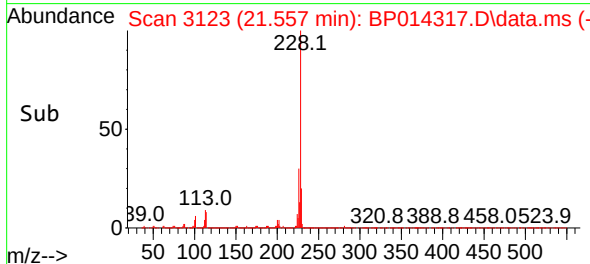
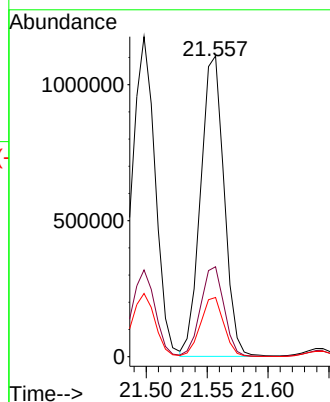
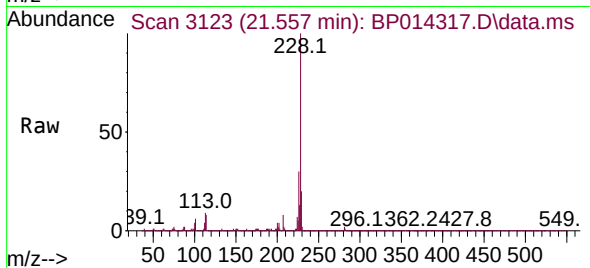
229 19.7 15.8 23.8

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Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.700 ng

RT: 21.398 min Scan# 3096

Delta R.T. 0.000 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

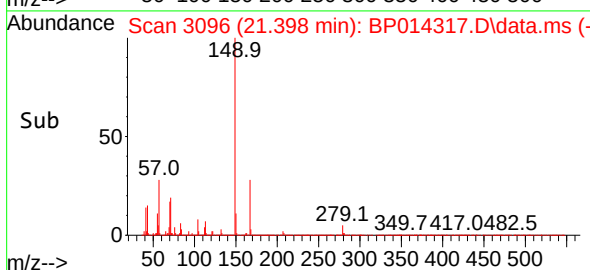
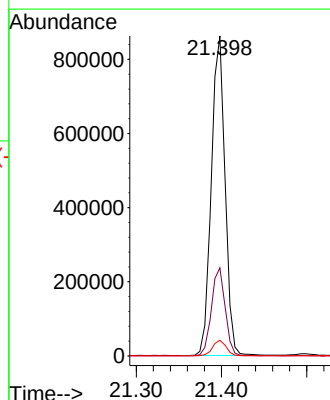
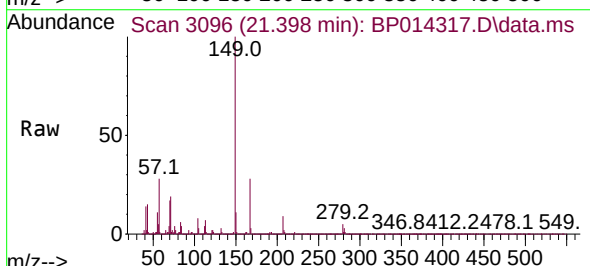
Tgt Ion:149 Resp: 963994

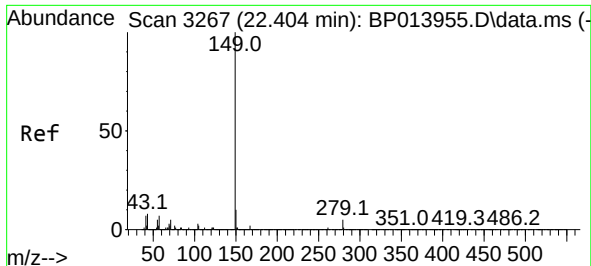
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

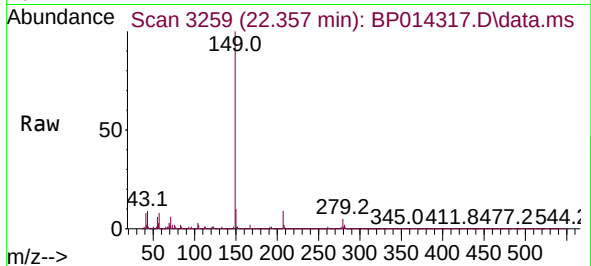
279 4.9 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 45.573 ng
RT: 22.357 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

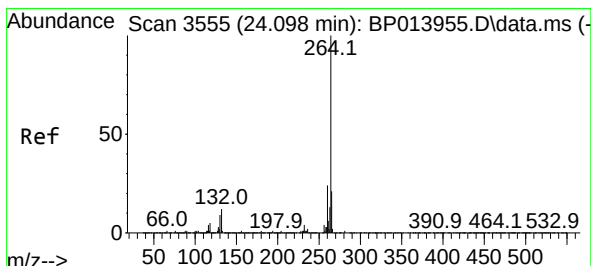
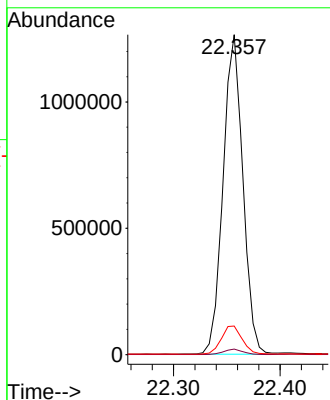
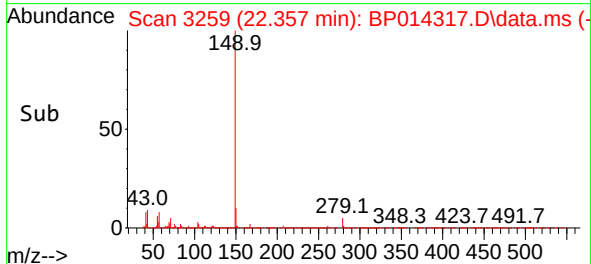
Instrument :
BNA_P
ClientSampleId :
PB151659BS



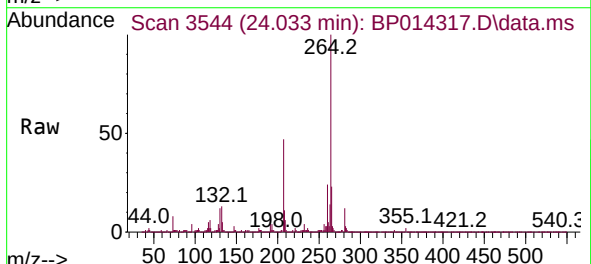
Tgt Ion:149 Resp: 1631860
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 6.4 9.6

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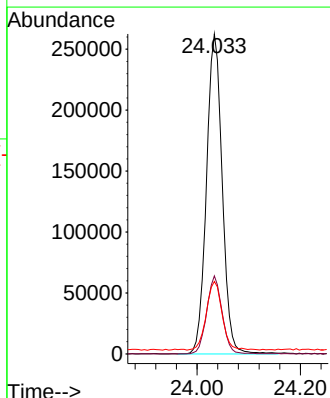
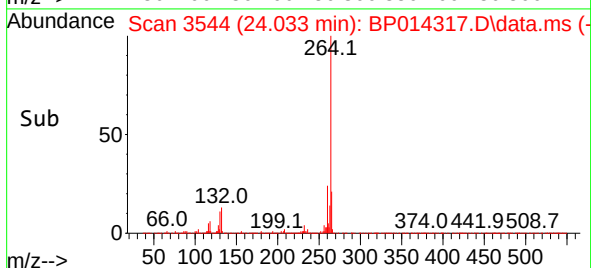
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

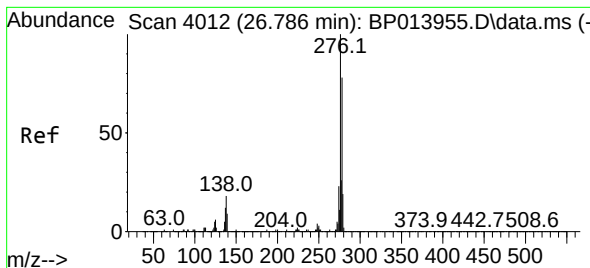


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.033 min Scan# 3544
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51



Tgt Ion:264 Resp: 555530
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 22.6 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.735 ng

RT: 26.680 min Scan# 3994

Delta R.T. -0.006 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

Instrument :

BNA_P

ClientSampleId :

PB151659BS

Tgt Ion:276 Resp: 1834364

Ion Ratio Lower Upper

276 100

138 19.8 13.8 20.8

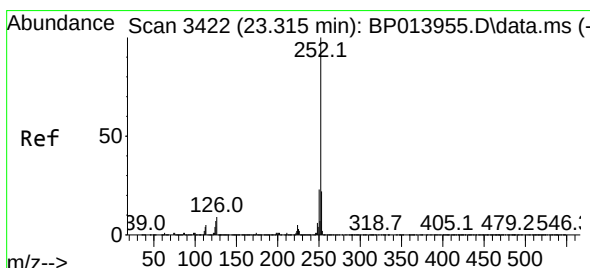
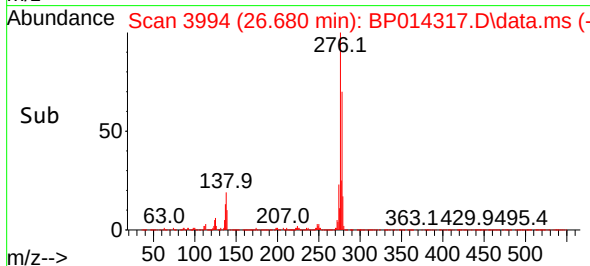
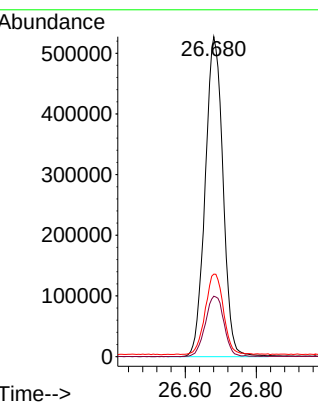
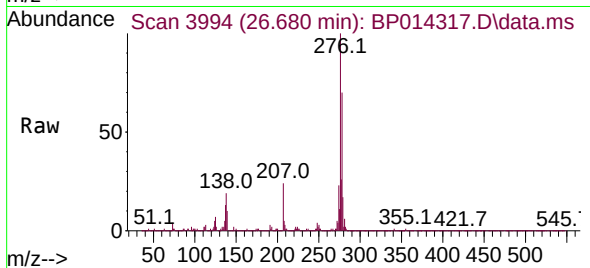
277 25.6 20.4 30.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#88

Benzo(b)fluoranthene

Concen: 43.909 ng

RT: 23.263 min Scan# 3413

Delta R.T. 0.000 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

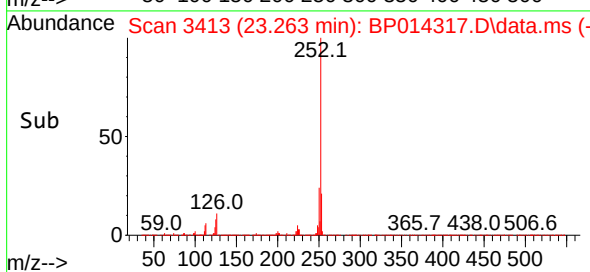
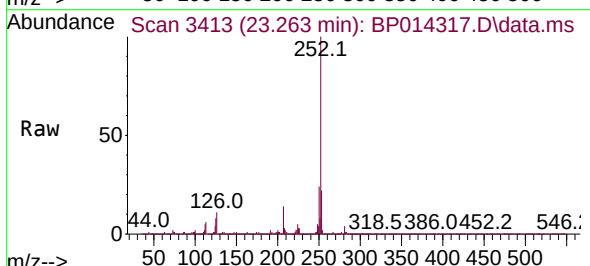
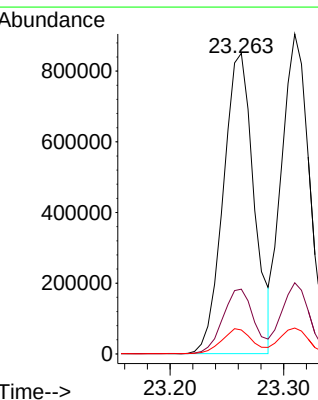
Tgt Ion:252 Resp: 1597246

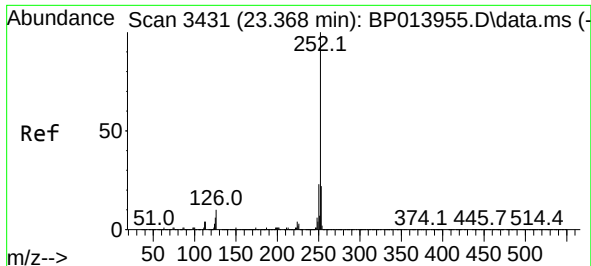
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

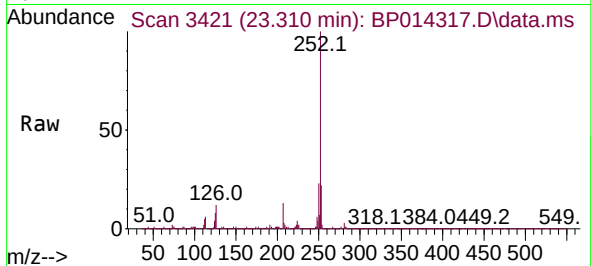
125 8.0 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 42.554 ng m
RT: 23.310 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

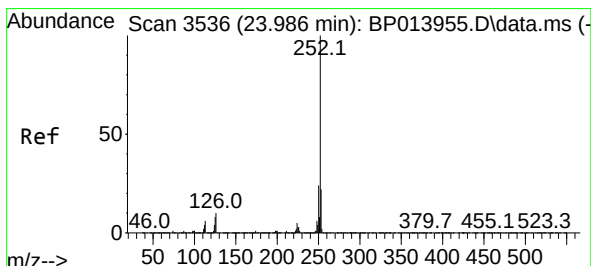
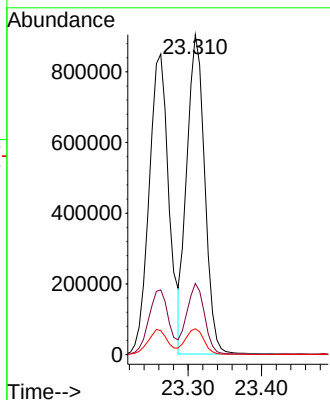
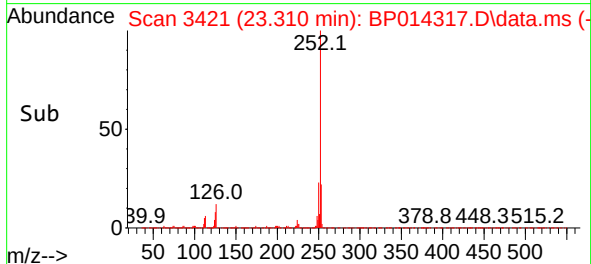
Instrument :
BNA_P
ClientSampleId :
PB151659BS



Tgt Ion:252 Resp: 153475
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.1 5.4 8.0

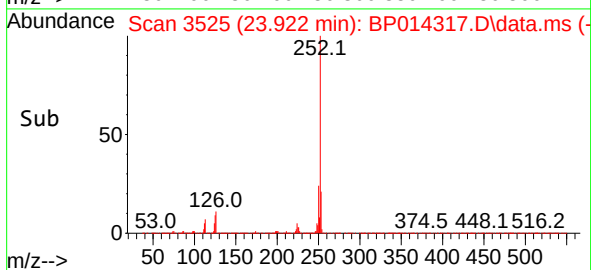
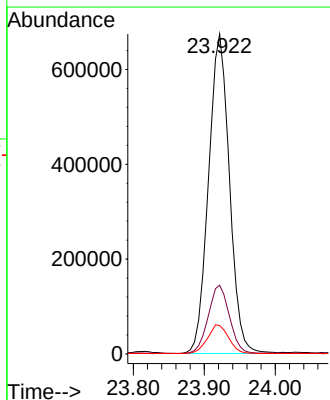
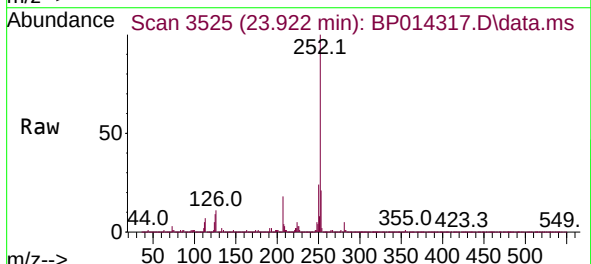
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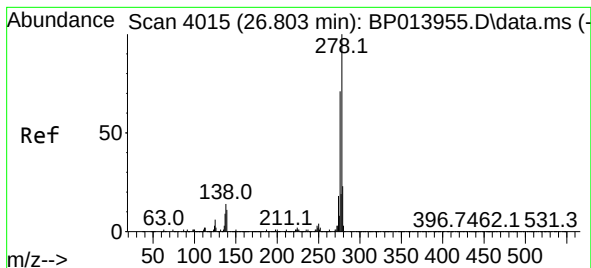
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#90
Benzo(a)pyrene
Concen: 39.739 ng
RT: 23.922 min Scan# 3525
Delta R.T. 0.000 min
Lab File: BP014317.D
Acq: 27 Mar 2023 17:51

Tgt Ion:252 Resp: 1378833
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 8.9 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 43.439 ng

RT: 26.698 min Scan# 3997

Delta R.T. 0.000 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

Instrument :

BNA_P

ClientSampleId :

PB151659BS

Tgt Ion:278 Resp: 1550116

Ion Ratio Lower Upper

278 100

139 12.6 8.7 13.1

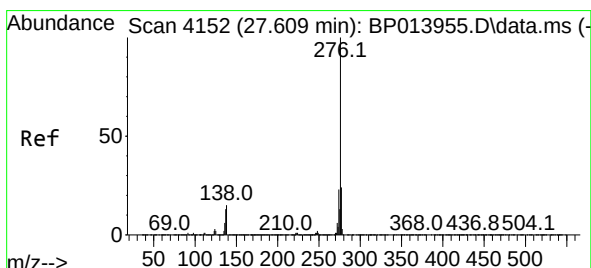
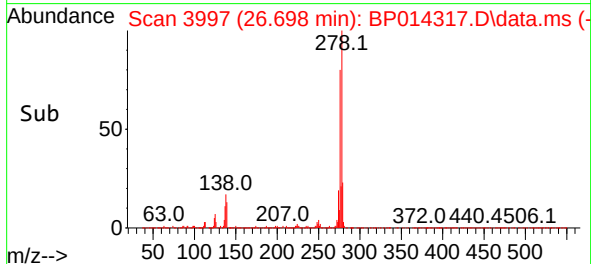
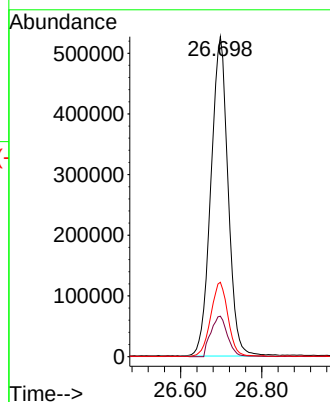
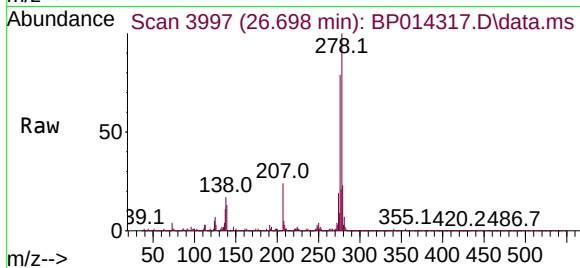
279 23.2 18.8 28.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#92

Benzo(g,h,i)perylene

Concen: 42.010 ng

RT: 27.492 min Scan# 4132

Delta R.T. -0.012 min

Lab File: BP014317.D

Acq: 27 Mar 2023 17:51

Tgt Ion:276 Resp: 1485658

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.0

138 16.5 12.2 18.4

