

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011663.D
 Acq On : 09 Sep 2022 14:51
 Operator : CG/JU
 Sample : PB147541BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147541BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/12/2022
 Supervised By : Jagrut Upadhyay 09/12/2022

Quant Time: Sep 10 00:51:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 00:48:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	536758	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	2210739	20.000	ng	# 0.01
39) Acenaphthene-d10	14.616	164	1338185	20.000	ng	0.01
64) Phenanthrene-d10	17.369	188	2708139	20.000	ng	0.01
76) Chrysene-d12	21.457	240	2623777	20.000	ng	0.02
86) Perylene-d12	23.927	264	2660470	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	4861718	160.192	ng	0.00
7) Phenol-d6	7.128	99	5955800	148.307	ng	0.01
23) Nitrobenzene-d5	9.140	82	3227634	89.619	ng	0.01
42) 2,4,6-Tribromophenol	16.104	330	2497000	165.152	ng	0.01
45) 2-Fluorobiphenyl	13.240	172	7757437	82.897	ng	0.01
79) Terphenyl-d14	19.922	244	11438489	91.311	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	454727	38.071	ng	# 77
3) Pyridine	3.805	79	1245819	38.304	ng	# 72
4) n-Nitrosodimethylamine	3.717	42	605688	44.591	ng	# 36
6) Aniline	7.293	93	2233316	48.409	ng	# 88
8) 2-Chlorophenol	7.528	128	1802383	51.938	ng	87
9) Benzaldehyde	7.105	77	601110m	25.499	ng	
10) Phenol	7.158	94	2141330	50.990	ng	81
11) bis(2-Chloroethyl)ether	7.387	93	1608131	48.723	ng	88
12) 1,3-Dichlorobenzene	7.858	146	1908446	48.075	ng	# 91
13) 1,4-Dichlorobenzene	8.005	146	1938555	47.902	ng	96
14) 1,2-Dichlorobenzene	8.322	146	1878797	48.877	ng	96
15) Benzyl Alcohol	8.210	79	1361744m	50.701	ng	
16) 2,2'-oxybis(1-Chloropr...	8.505	45	1774635	41.716	ng	88
17) 2-Methylphenol	8.410	107	1392182	50.154	ng	# 92
18) Hexachloroethane	9.057	117	645254	47.354	ng	94
19) n-Nitroso-di-n-propyla...	8.787	70	1116545	47.744	ng	# 76
20) 3+4-Methylphenols	8.740	107	1844506	49.030	ng	92
22) Acetophenone	8.799	105	2480970	46.428	ng	# 84
24) Nitrobenzene	9.181	77	1676744	45.085	ng	# 84
25) Isophorone	9.710	82	3085574	47.520	ng	# 93
26) 2-Nitrophenol	9.893	139	835799	50.890	ng	# 77
27) 2,4-Dimethylphenol	9.952	122	1568336	55.705	ng	89
28) bis(2-Chloroethoxy)met...	10.193	93	1999387	49.225	ng	97
29) 2,4-Dichlorophenol	10.428	162	1583836	48.243	ng	94
30) 1,2,4-Trichlorobenzene	10.646	180	1692078	43.923	ng	99
31) Naphthalene	10.834	128	5153525	43.592	ng	99
32) Benzoic acid	10.093	122	1022909	52.504	ng	# 84
33) 4-Chloroaniline	10.946	127	1891804	40.563	ng	# 89
34) Hexachlorobutadiene	11.122	225	1013664	44.223	ng	98
35) Caprolactam	11.740	113	468024m	49.477	ng	
36) 4-Chloro-3-methylphenol	12.063	107	1590166	49.156	ng	87
37) 2-Methylnaphthalene	12.440	142	3567424	44.325	ng	96
38) 1-Methylnaphthalene	12.663	142	3383626	43.161	ng	99
40) 1,2,4,5-Tetrachloroben...	12.804	216	1901599	45.244	ng	99
41) Hexachlorocyclopentadiene	12.793	237	2484193	125.024	ng	99
43) 2,4,6-Trichlorophenol	13.046	196	1242205	49.387	ng	100

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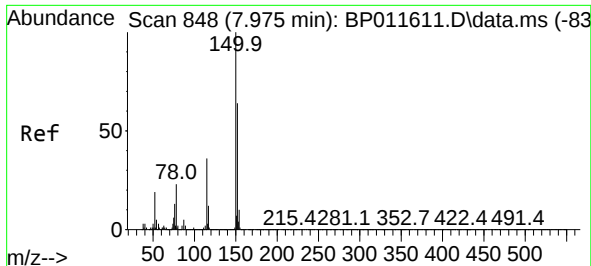
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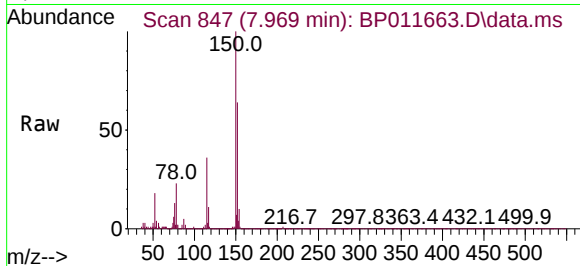
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	1360089	47.369	ng	96
46) 1,1'-Biphenyl	13.451	154	4575125	44.511	ng	98
47) 2-Chloronaphthalene	13.493	162	3469926	43.429	ng	98
48) 2-Nitroaniline	13.693	65	901770	43.918	ng	# 72
49) Acenaphthylene	14.334	152	5433788	44.326	ng	98
50) Dimethylphthalate	14.075	163	4309452	44.234	ng	100
51) 2,6-Dinitrotoluene	14.187	165	933032	49.549	ng	# 77
52) Acenaphthene	14.681	154	3883653m	48.936	ng	
53) 3-Nitroaniline	14.516	138	887626	42.501	ng	83
54) 2,4-Dinitrophenol	14.722	184	1017771	127.082	ng	# 77
55) Dibenzofuran	15.016	168	5223729	43.686	ng	95
56) 4-Nitrophenol	14.822	139	1830631	108.969	ng	# 66
57) 2,4-Dinitrotoluene	14.975	165	1264814	46.979	ng	# 76
58) Fluorene	15.663	166	4236434	43.267	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.234	232	1170238	48.293	ng	# 95
60) Diethylphthalate	15.440	149	4259967	44.968	ng	98
61) 4-Chlorophenyl-phenylether	15.657	204	2168823	44.926	ng	92
62) 4-Nitroaniline	15.681	138	1047872	44.926	ng	# 76
63) Azobenzene	15.951	77	3636071	43.172	ng	86
65) 4,6-Dinitro-2-methylph...	15.740	198	607933	50.928	ng	# 76
66) n-Nitrosodiphenylamine	15.875	169	3716599	45.117	ng	98
67) 4-Bromophenyl-phenylether	16.557	248	1388793	47.185	ng	93
68) Hexachlorobenzene	16.669	284	1617018	46.557	ng	# 90
69) Atrazine	16.834	200	1224825	50.018	ng	99
70) Pentachlorophenol	17.016	266	2105145	111.495	ng	99
71) Phenanthrene	17.416	178	6534863	43.245	ng	97
72) Anthracene	17.504	178	6597971	46.091	ng	98
73) Carbazole	17.769	167	6144724	46.395	ng	99
74) Di-n-butylphthalate	18.322	149	7172830	47.976	ng	98
75) Fluoranthene	19.375	202	7609928	45.682	ng	98
77) Benzidine	19.551	184	5465503	108.981	ng	98
78) Pyrene	19.728	202	7680879	44.042	ng	98
80) Butylbenzylphthalate	20.598	149	3171561	45.643	ng	87
81) Benzo(a)anthracene	21.439	228	7642859	44.374	ng	96
82) 3,3'-Dichlorobenzidine	21.369	252	2993598	53.281	ng	99
83) Chrysene	21.492	228	7081601	43.454	ng	96
84) Bis(2-ethylhexyl)phtha...	21.357	149	4525706	44.229	ng	98
85) Di-n-octyl phthalate	22.316	149	7561376	47.872	ng	# 88
87) Indeno(1,2,3-cd)pyrene	26.533	276	9135254	45.125	ng	99
88) Benzo(b)fluoranthene	23.174	252	8076878	48.392	ng	99
89) Benzo(k)fluoranthene	23.227	252	7870078	45.708	ng	98
90) Benzo(a)pyrene	23.821	252	7029825	50.975	ng	98
91) Dibenzo(a,h)anthracene	26.557	278	8070824	47.524	ng	99
92) Benzo(g,h,i)perylene	27.333	276	7784579	47.679	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 84
 Delta R.T. 0.005 min
 Lab File: BP011663.D
 Acq: 09 Sep 2022 14:51

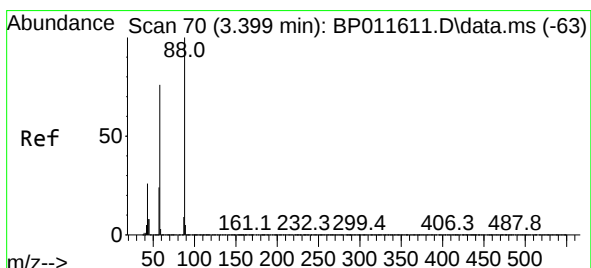
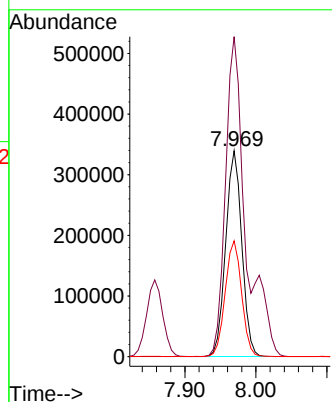
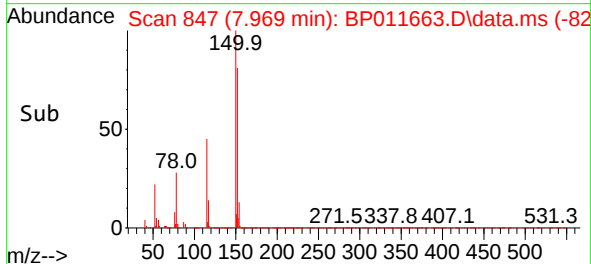
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Tgt Ion:152 Resp: 536758
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.4 185.2
 115 56.3 51.3 76.9

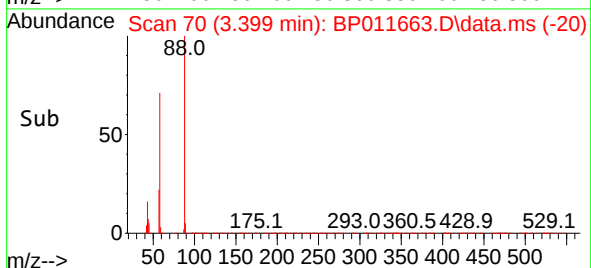
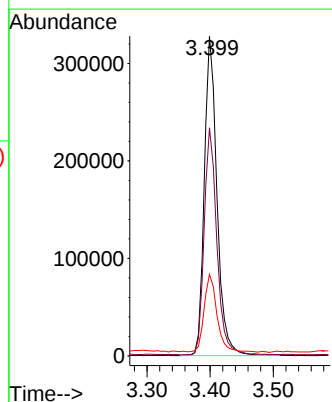
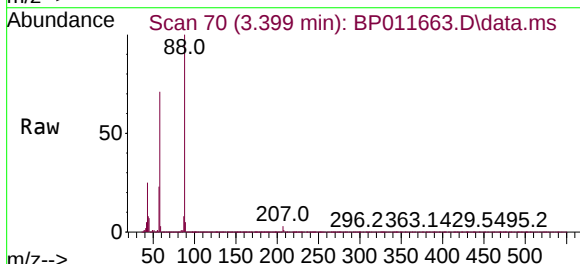
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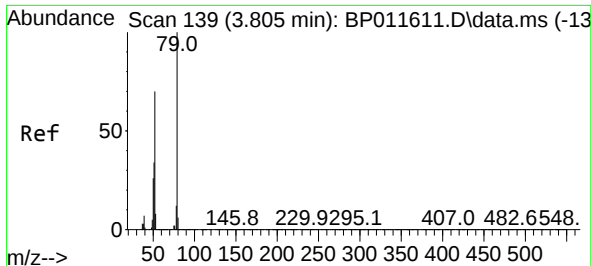
Reviewed By :Christian Giraldo 09/12/2022
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#2
 1,4-Dioxane
 Concen: 38.071 ng
 RT: 3.399 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BP011663.D
 Acq: 09 Sep 2022 14:51

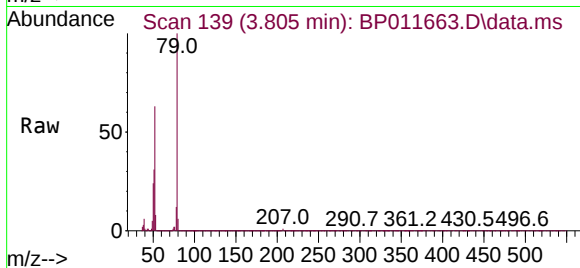
Tgt Ion: 88 Resp: 454727
 Ion Ratio Lower Upper
 88 100
 58 71.1 74.5 111.7#
 43 24.9 31.5 47.3#





#3
 Pyridine
 Concen: 38.304 ng
 RT: 3.805 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: BP011663.D
 Acq: 09 Sep 2022 14:51

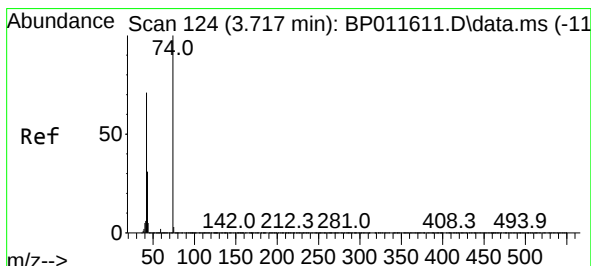
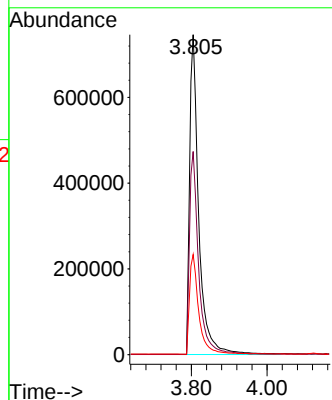
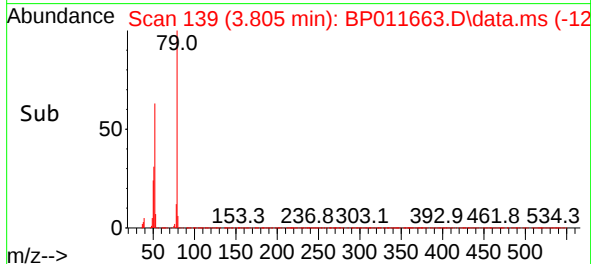
Instrument :
 BNA_P
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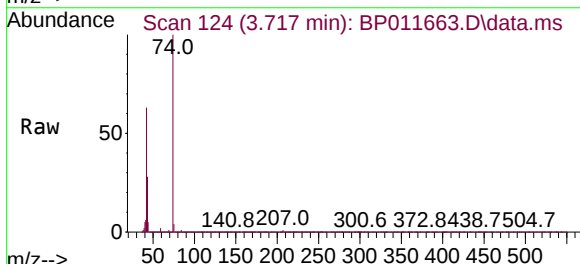
Tgt Ion: 79 Resp: 1245819
 Ion Ratio Lower Upper
 79 100
 52 63.5 73.5 110.3
 51 31.3 38.6 57.8

Manual Integrations
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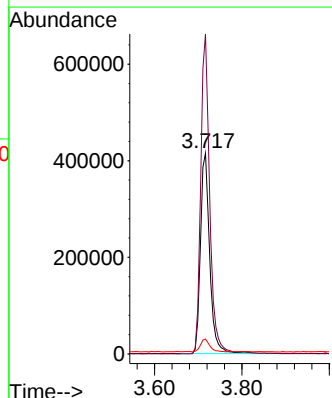
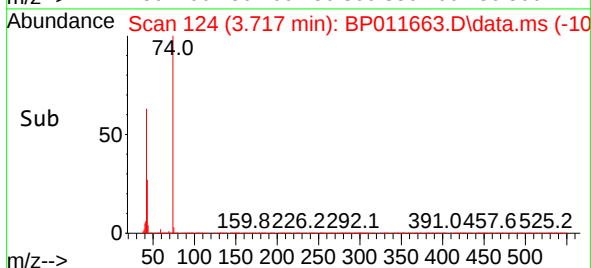
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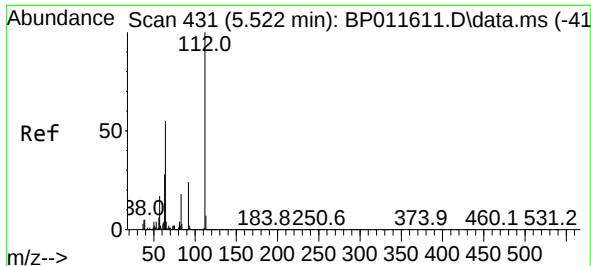


#4
 n-Nitrosodimethylamine
 Concen: 44.591 ng
 RT: 3.717 min Scan# 124
 Delta R.T. -0.000 min
 Lab File: BP011663.D
 Acq: 09 Sep 2022 14:51



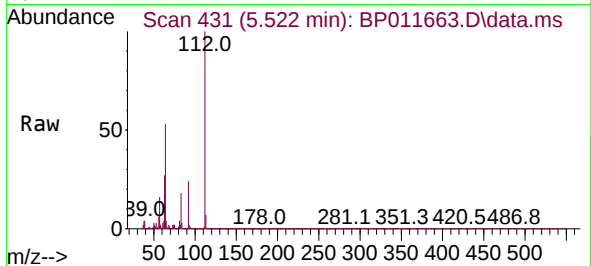
Tgt Ion: 42 Resp: 605688
 Ion Ratio Lower Upper
 42 100
 74 159.4 74.4 111.6
 44 7.4 5.7 8.5





#5
2-Fluorophenol
Concen: 160.192 ng
RT: 5.522 min Scan# 431
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

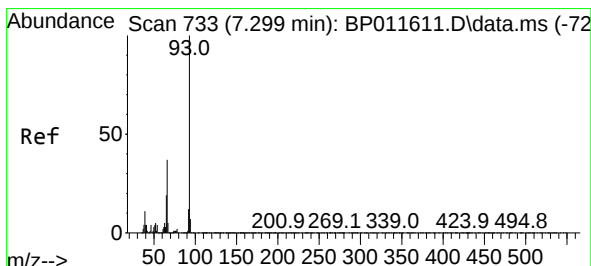
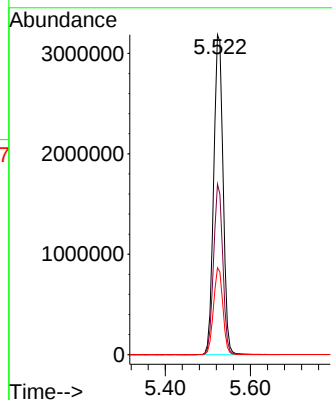
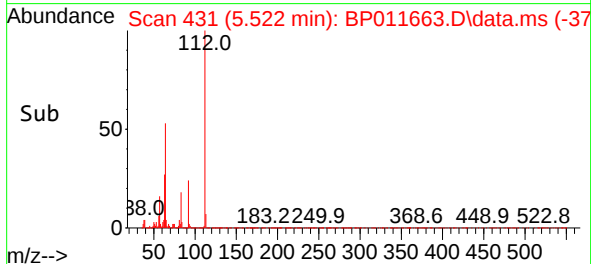
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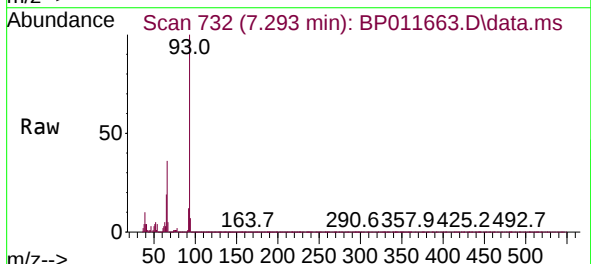
Tgt Ion: 112 Resp: 4861718
Ion Ratio Lower Upper
112 100
64 53.3 56.9 85.3
63 27.1 31.2 46.8

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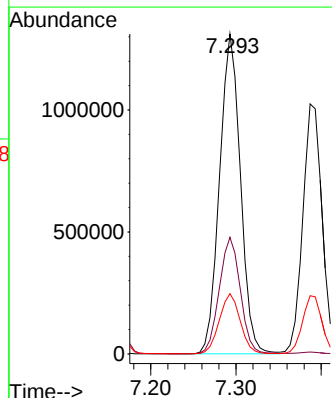
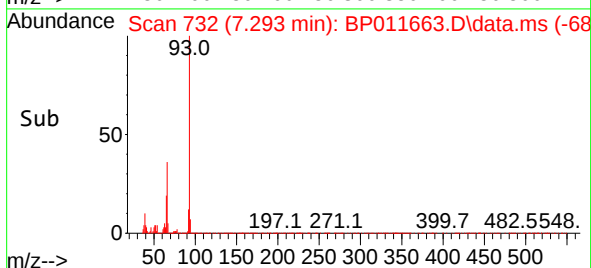
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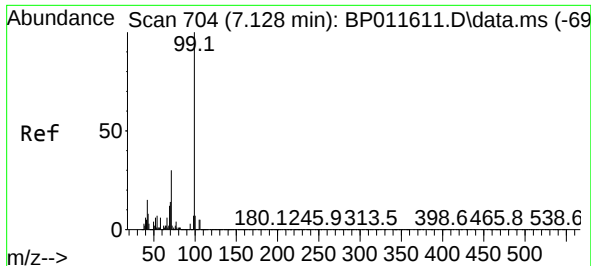


#6
Aniline
Concen: 48.409 ng
RT: 7.293 min Scan# 732
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



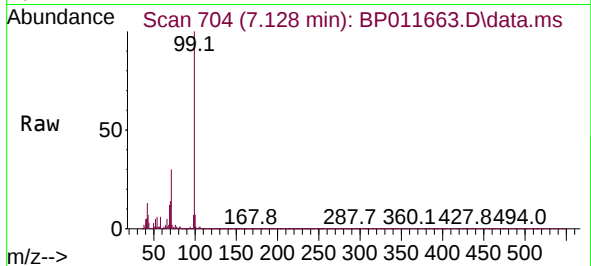
Tgt Ion: 93 Resp: 2233316
Ion Ratio Lower Upper
93 100
66 36.4 36.7 55.1
65 18.8 18.2 27.4





#7
Phenol-d6
Concen: 148.307 ng
RT: 7.128 min Scan# 704
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

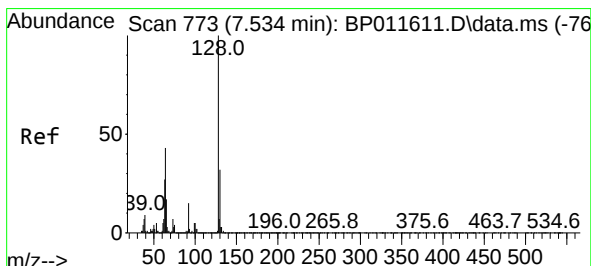
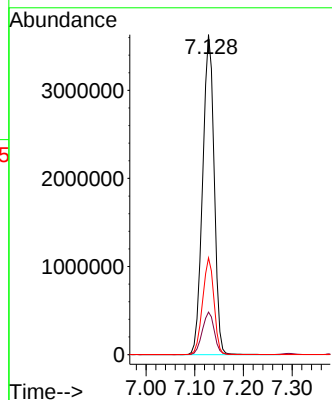
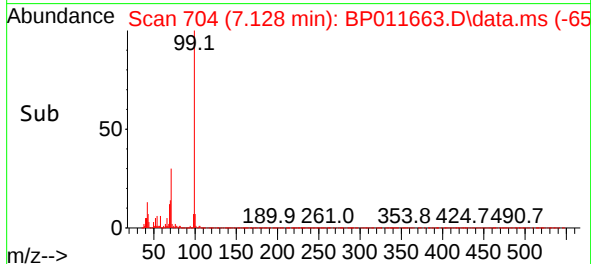
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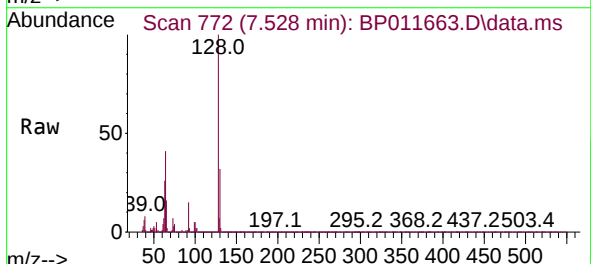
Tgt Ion: 99 Resp: 5955800
Ion Ratio Lower Upper
99 100
42 13.3 20.3 30.5
71 30.2 33.9 50.9

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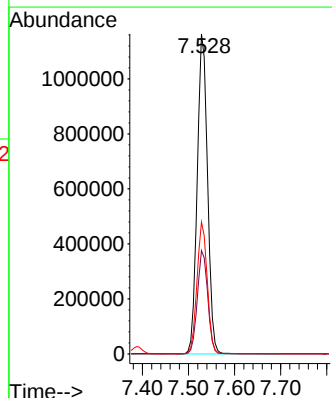
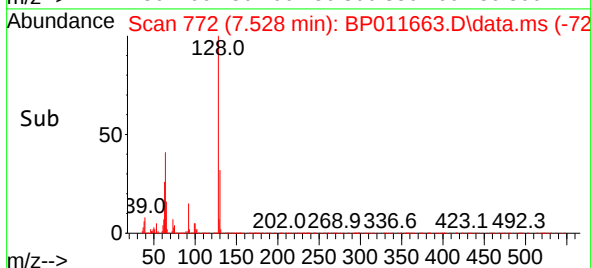
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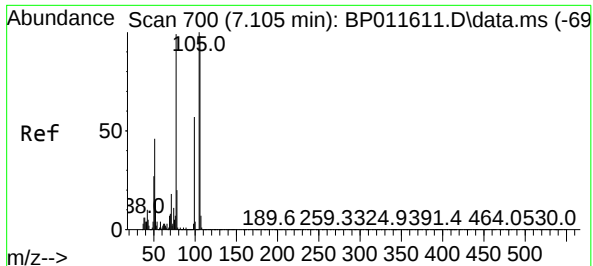


#8
2-Chlorophenol
Concen: 51.938 ng
RT: 7.528 min Scan# 772
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



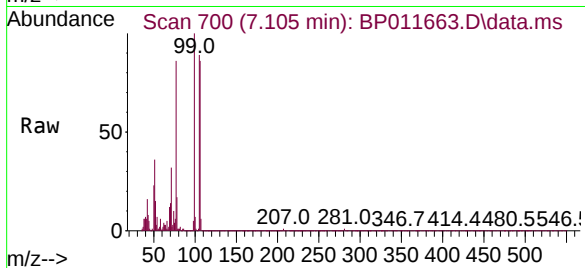
Tgt Ion:128 Resp: 1802383
Ion Ratio Lower Upper
128 100
130 32.3 11.8 51.8
64 41.2 35.3 75.3





#9
Benzaldehyde
Concen: 25.499 ng m
RT: 7.105 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

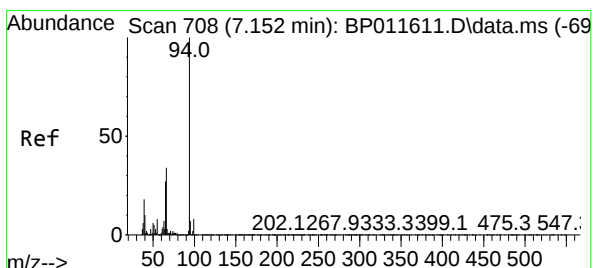
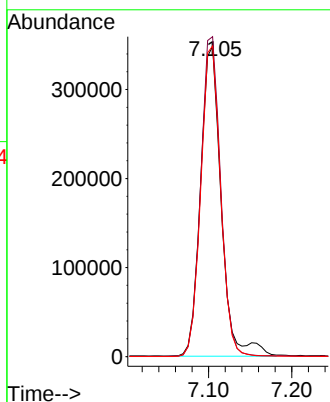
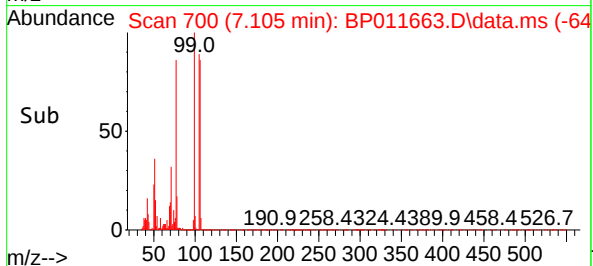
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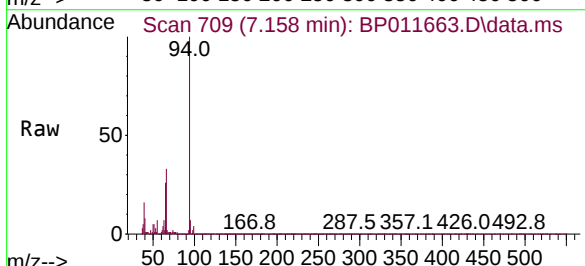
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Ion Ratio Lower Upper
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106 100.1 66.9 106.9

Manual Integrations
APPROVED

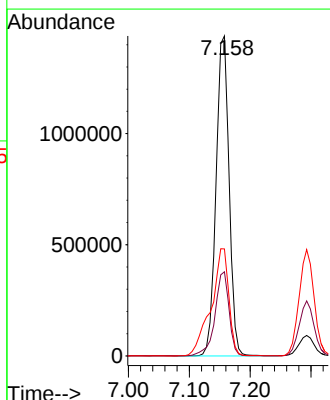
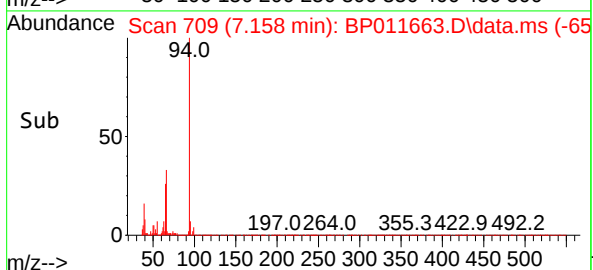
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

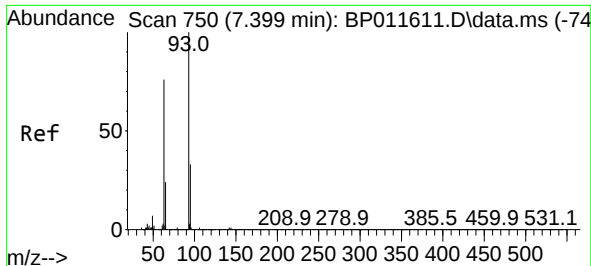


#10
Phenol
Concen: 50.990 ng
RT: 7.158 min Scan# 709
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



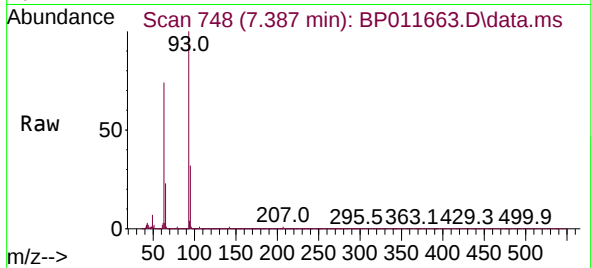
Tgt Ion: 94 Resp: 2141330
Ion Ratio Lower Upper
94 100
65 26.3 14.0 54.0
66 33.4 29.2 69.2





#11
bis(2-Chloroethyl)ether
Concen: 48.723 ng
RT: 7.387 min Scan# 74
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

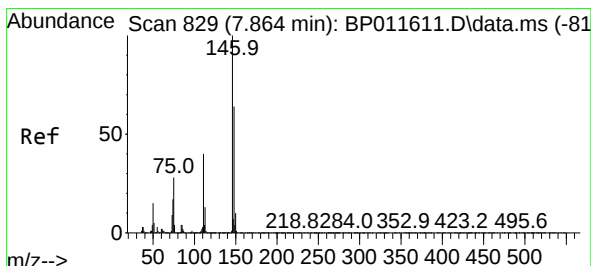
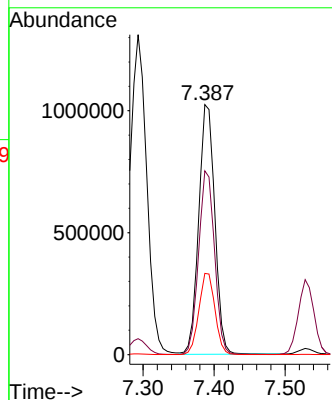
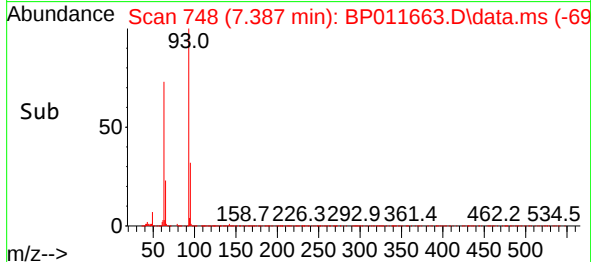
Instrument :
BNA_P
ClientSampleId :
PB147541BS



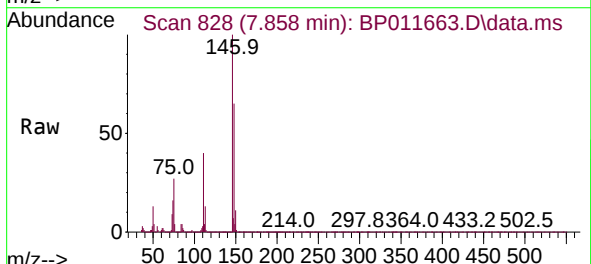
Tgt Ion: 93 Resp: 160813
Ion Ratio Lower Upper
93 100
63 73.5 68.2 108.2
95 32.5 12.2 52.2

Manual Integrations
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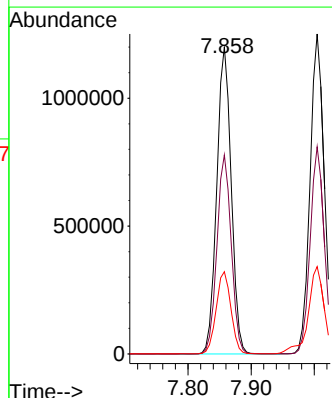
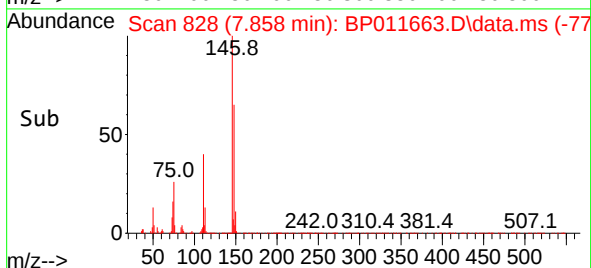
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

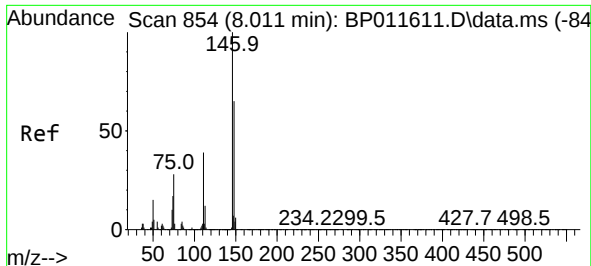


#12
1,3-Dichlorobenzene
Concen: 48.075 ng
RT: 7.858 min Scan# 828
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



Tgt Ion:146 Resp: 1908446
Ion Ratio Lower Upper
146 100
148 64.7 53.0 79.4
75 26.7 31.3 46.9#





#13

1,4-Dichlorobenzene

Concen: 47.902 ng

RT: 8.005 min Scan# 80

Delta R.T. 0.006 min

Lab File: BP011663.D

Acq: 09 Sep 2022 14:51

Instrument :

BNA_P

ClientSampleId :

PB147541BS

Tgt Ion:146 Resp: 193855

Ion Ratio Lower Upper

146 100

148 64.7 51.6 77.4

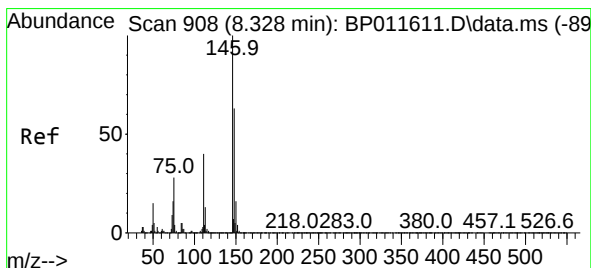
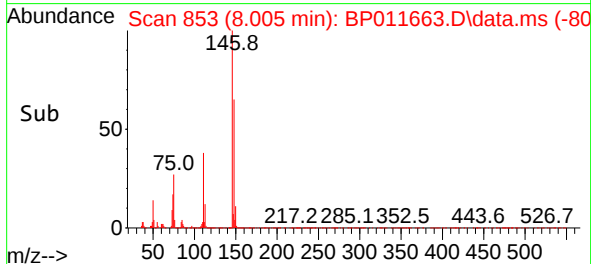
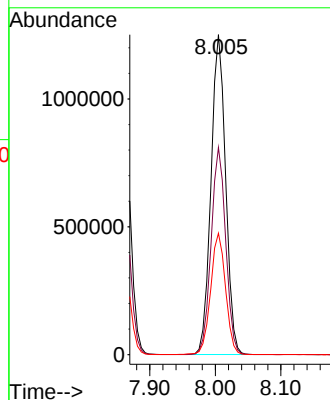
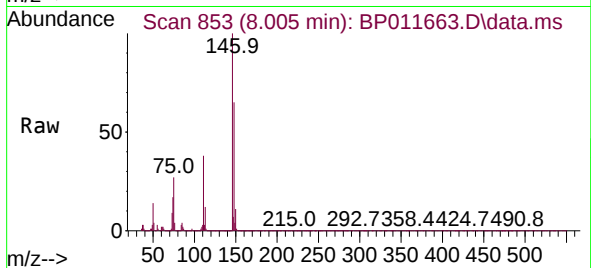
111 37.9 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/12/2022

Supervised By :Jagrut Upadhyay 09/12/2022



#14

1,2-Dichlorobenzene

Concen: 48.877 ng

RT: 8.322 min Scan# 907

Delta R.T. 0.006 min

Lab File: BP011663.D

Acq: 09 Sep 2022 14:51

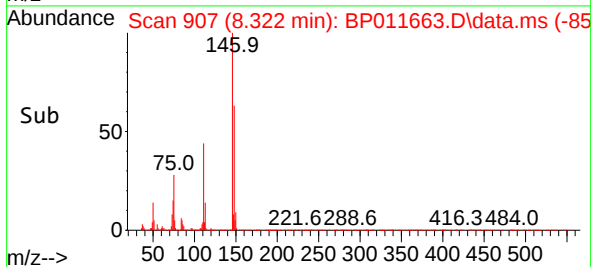
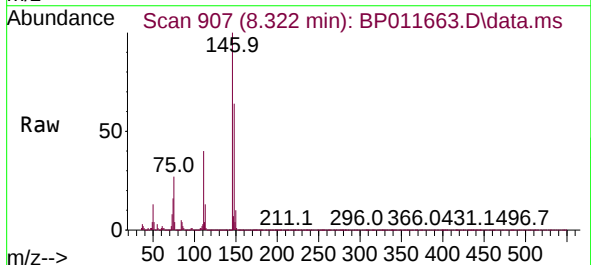
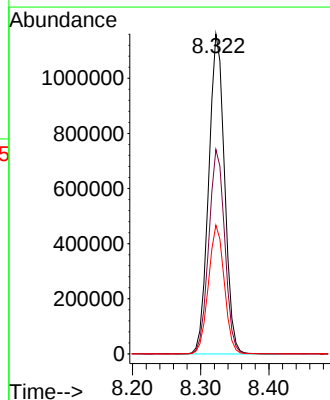
Tgt Ion:146 Resp: 1878797

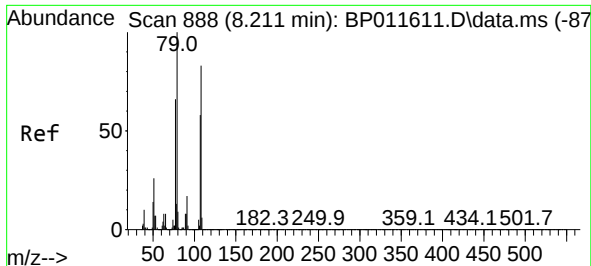
Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

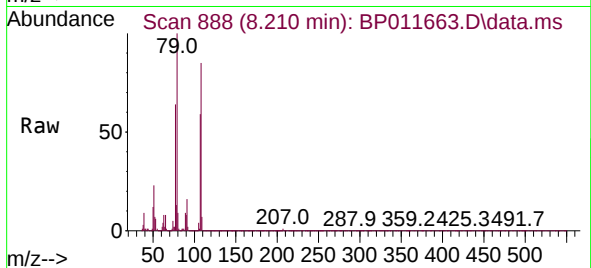
111 40.2 36.6 55.0





#15
Benzyl Alcohol
Concen: 50.701 ng m
RT: 8.210 min Scan# 888
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

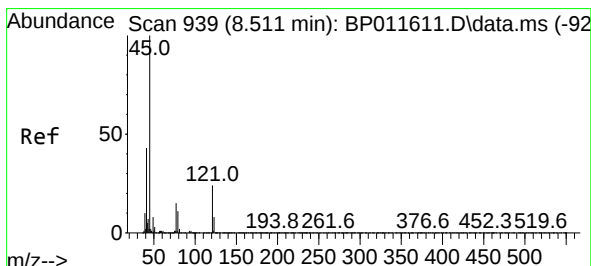
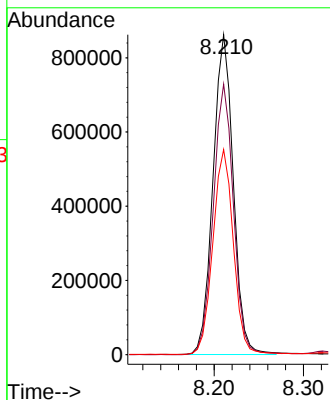
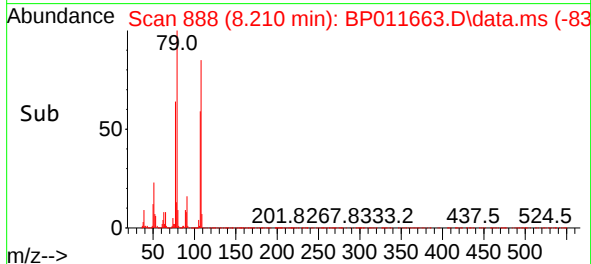
Instrument :
BNA_P
ClientSampleId :
PB147541BS



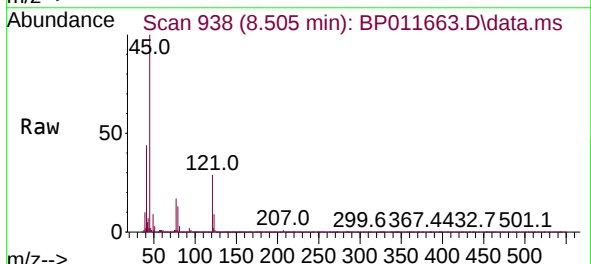
Tgt Ion: 79 Resp: 1361744
Ion Ratio Lower Upper
79 100
108 84.5 53.4 80.0
77 64.1 51.5 77.3

Manual Integrations
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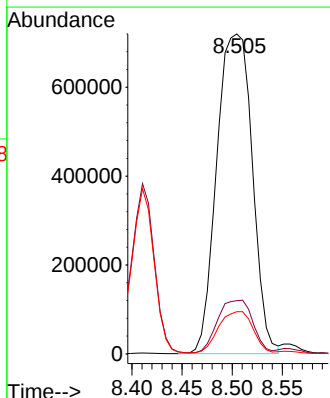
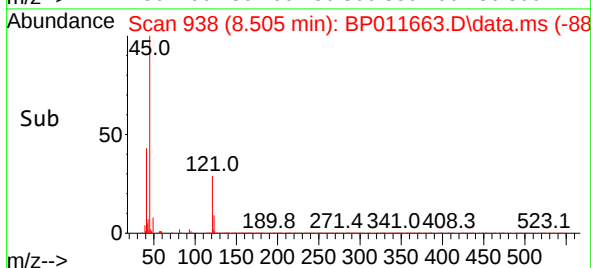
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

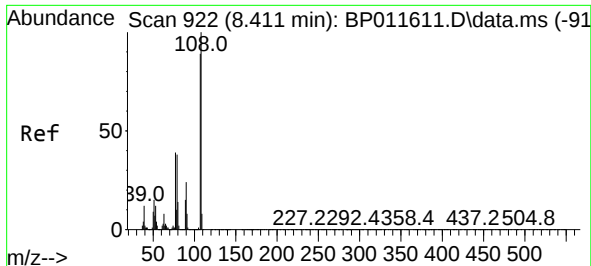


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.716 ng
RT: 8.505 min Scan# 938
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



Tgt Ion: 45 Resp: 1774635
Ion Ratio Lower Upper
45 100
77 16.7 0.0 31.8
79 13.2 0.0 28.8





#17

2-Methylphenol

Concen: 50.154 ng

RT: 8.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP011663.D

Acq: 09 Sep 2022 14:51

Instrument :

BNA_P

ClientSampleId :

PB147541BS

Tgt Ion:107 Resp: 139218

Ion Ratio Lower Upper

107 100

108 112.1 88.9 133.3

77 43.5 44.7 67.1

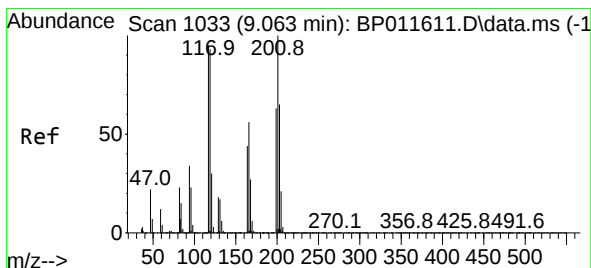
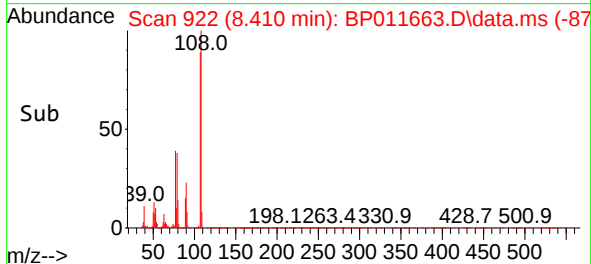
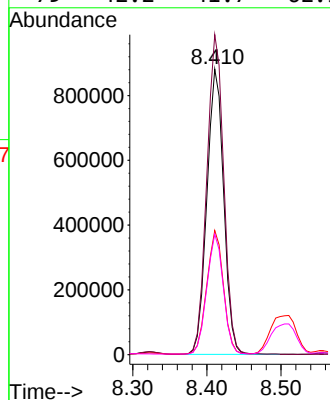
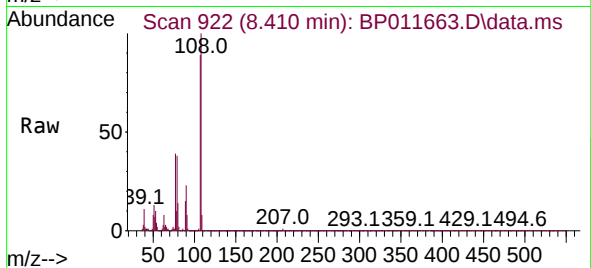
79 42.2 41.7 62.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/12/2022

Supervised By :Jagrut Upadhyay 09/12/2022



#18

Hexachloroethane

Concen: 47.354 ng

RT: 9.057 min Scan# 1032

Delta R.T. 0.006 min

Lab File: BP011663.D

Acq: 09 Sep 2022 14:51

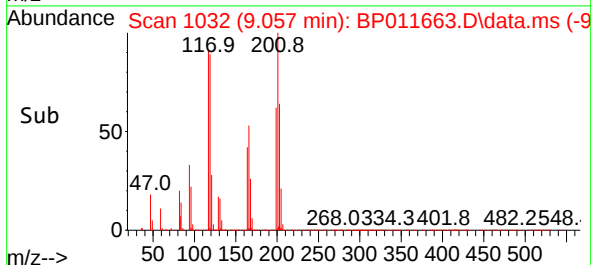
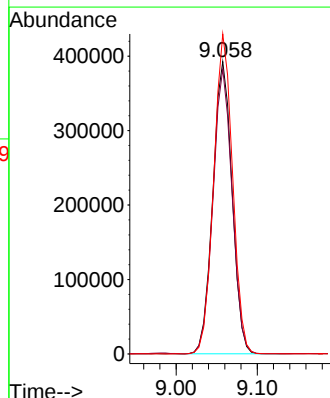
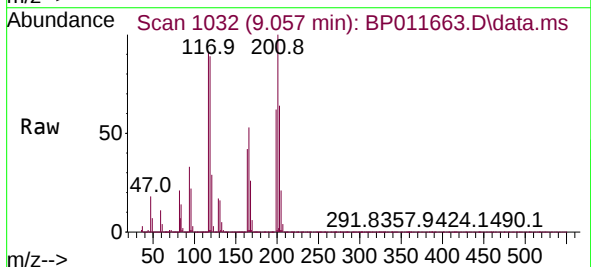
Tgt Ion:117 Resp: 645254

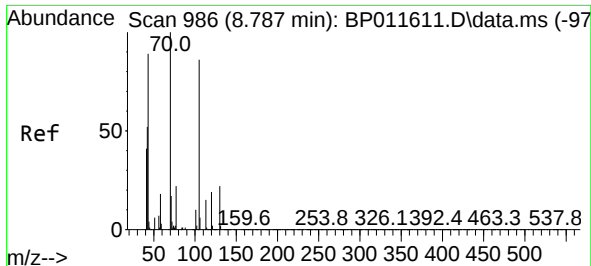
Ion Ratio Lower Upper

117 100

119 97.5 75.6 113.4

201 109.5 80.9 121.3





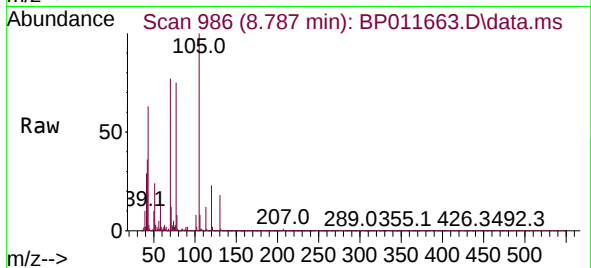
#19
n-Nitroso-di-n-propylamine
Concen: 47.744 ng
RT: 8.787 min Scan# 986
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Instrument :

BNA_P

ClientSampleId :

PB147541BS

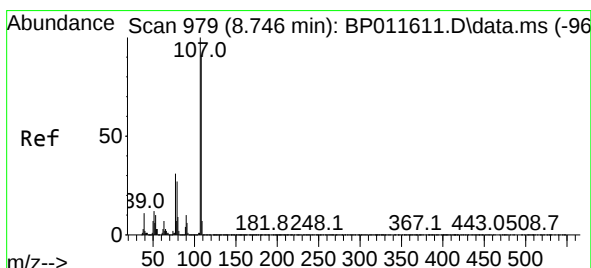
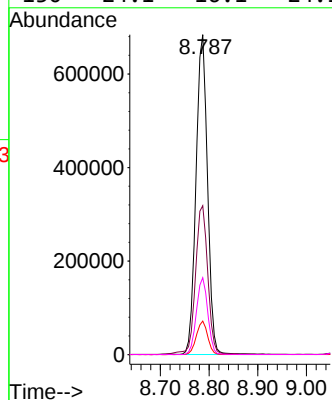
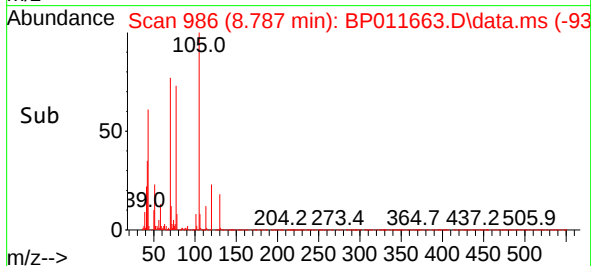


Tgt Ion: 70 Resp: 1116545
Ion Ratio Lower Upper
70 100
42 46.5 58.1 87.1
101 10.5 8.4 12.6
130 24.1 16.1 24.1

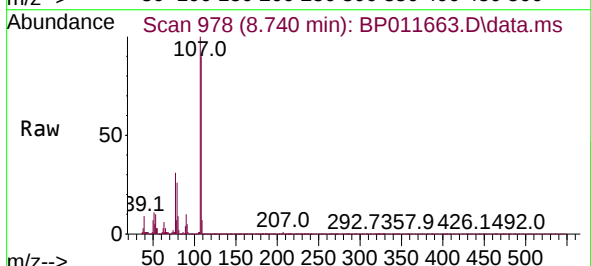
Manual Integrations

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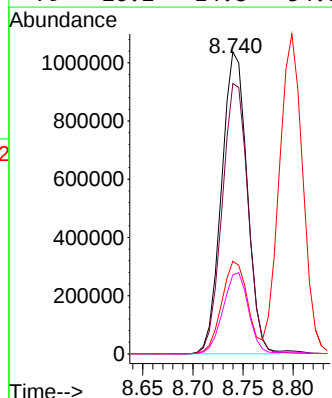
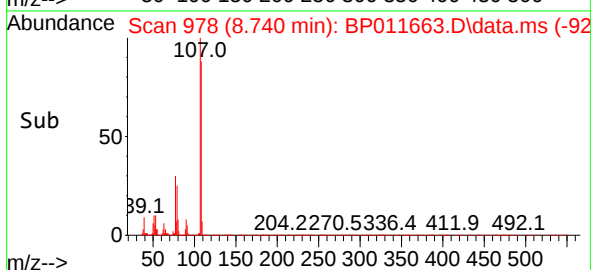
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

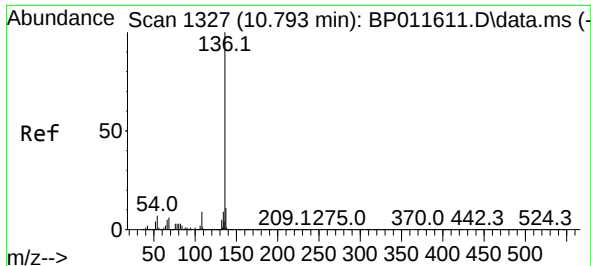


#20
3+4-Methylphenols
Concen: 49.030 ng
RT: 8.740 min Scan# 978
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



Tgt Ion:107 Resp: 1844506
Ion Ratio Lower Upper
107 100
108 89.6 67.1 107.1
77 30.6 19.2 59.2
79 26.2 14.8 54.8





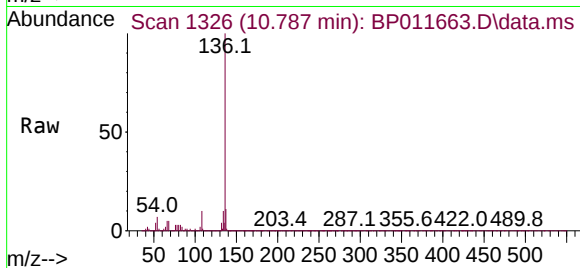
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1327
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Instrument :

BNA_P

ClientSampleId :

PB147541BS

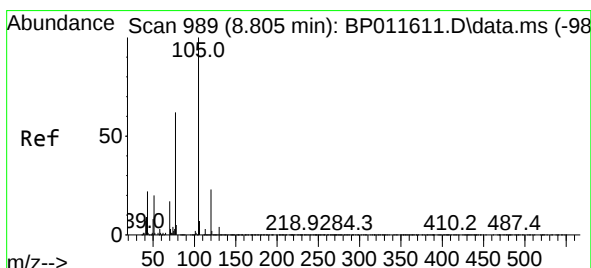
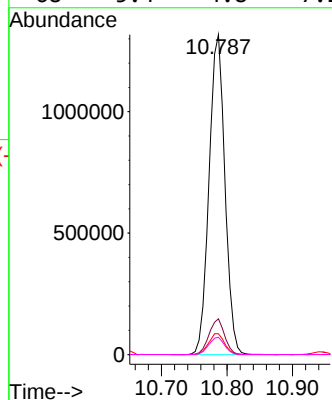
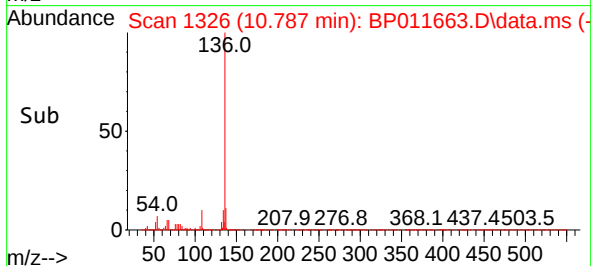


Tgt Ion:136 Resp: 2210739
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.6 8.7 13.1
68 5.4 4.8 7.2

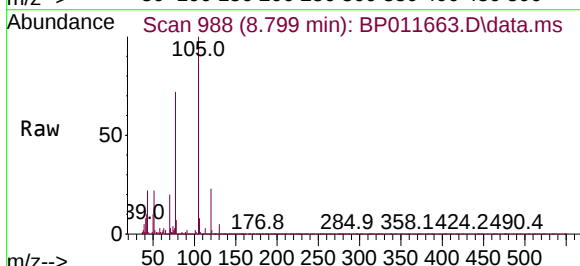
Manual Integrations

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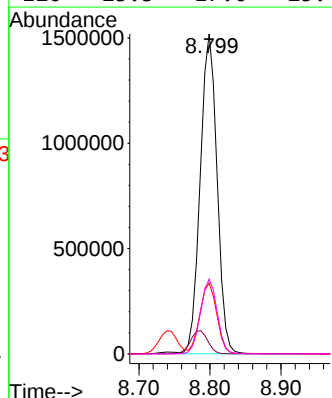
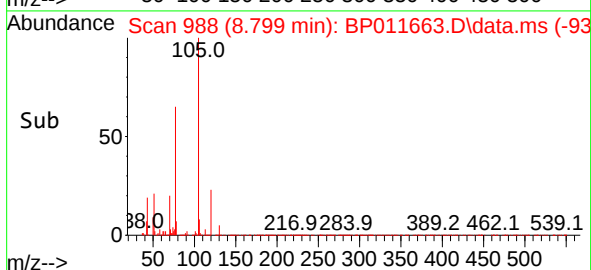
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

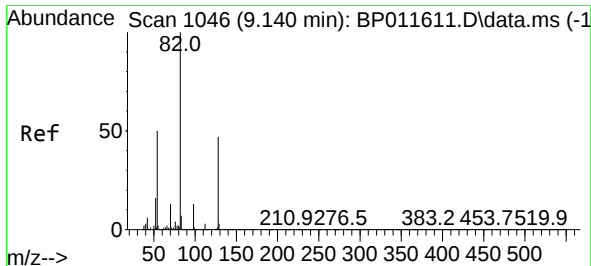


#22
Acetophenone
Concen: 46.428 ng
RT: 8.799 min Scan# 988
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



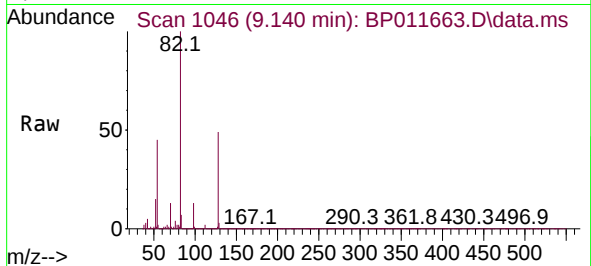
Tgt Ion:105 Resp: 2480970
Ion Ratio Lower Upper
105 100
71 3.3 3.4 5.0#
51 22.2 29.5 44.3#
120 23.3 17.0 25.4





#23
Nitrobenzene-d5
Concen: 89.619 ng
RT: 9.140 min Scan# 1046
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

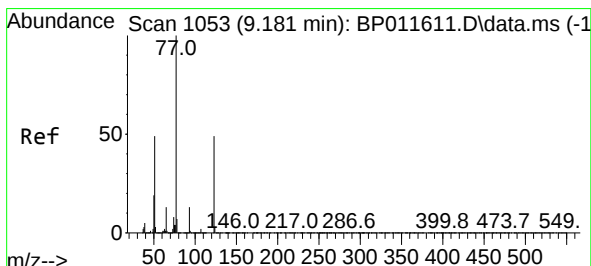
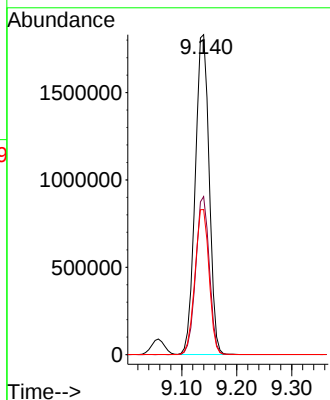
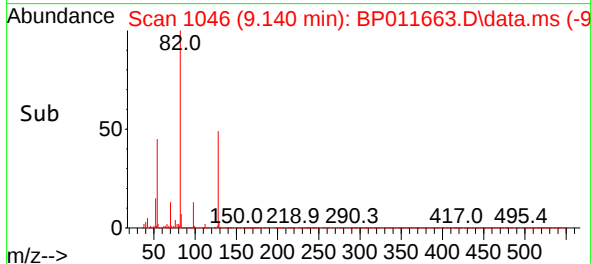
Instrument :
BNA_P
ClientSampleId :
PB147541BS



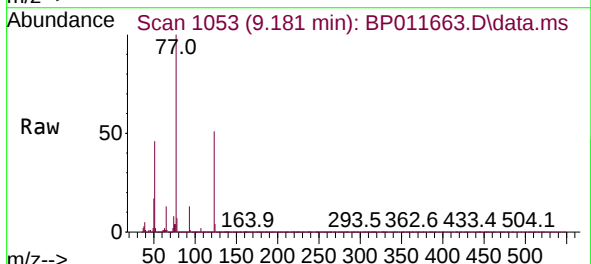
Tgt Ion: 82 Resp: 3227634
Ion Ratio Lower Upper
82 100
128 49.4 31.3 46.9#
54 45.3 49.8 74.8#

Manual Integrations
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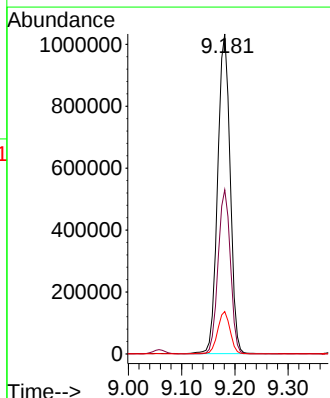
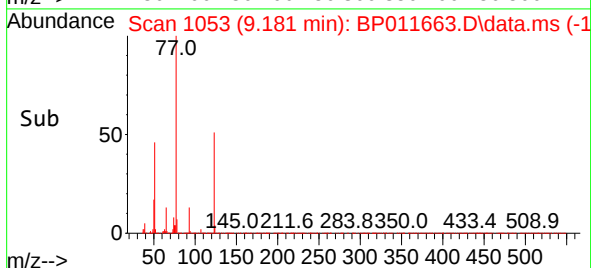
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

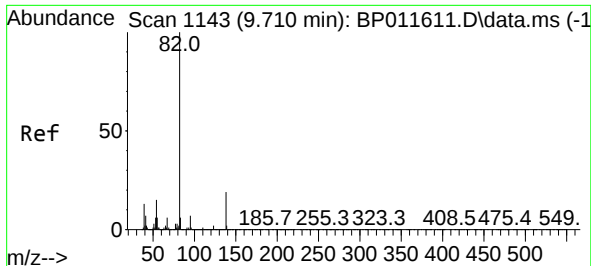


#24
Nitrobenzene
Concen: 45.085 ng
RT: 9.181 min Scan# 1053
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



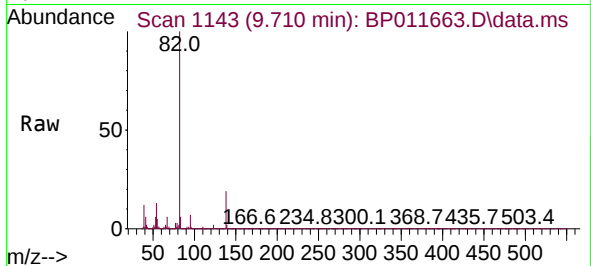
Tgt Ion: 77 Resp: 1676744
Ion Ratio Lower Upper
77 100
123 51.3 31.1 46.7#
65 13.2 12.1 18.1





#25
Isophorone
Concen: 47.520 ng
RT: 9.710 min Scan# 1143
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

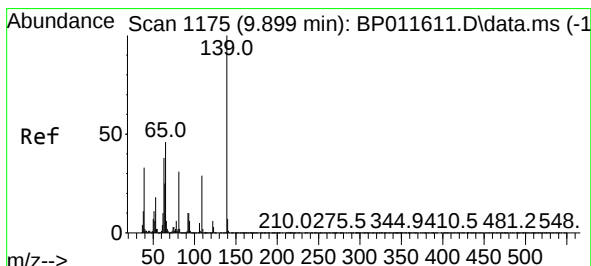
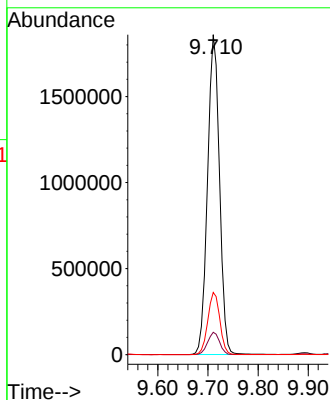
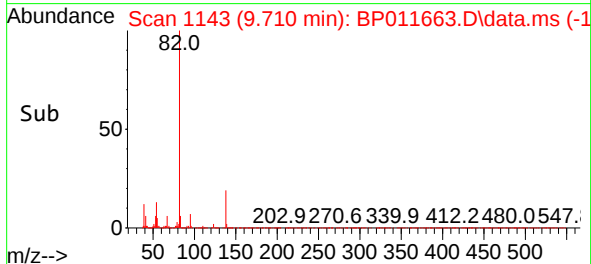
Instrument :
BNA_P
ClientSampleId :
PB147541BS



Tgt Ion: 82 Resp: 3085574
Ion Ratio Lower Upper
82 100
95 7.0 6.5 9.7
138 19.4 12.4 18.6

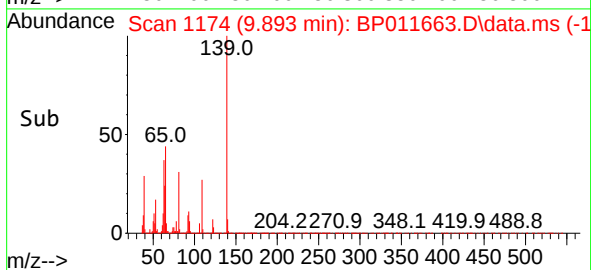
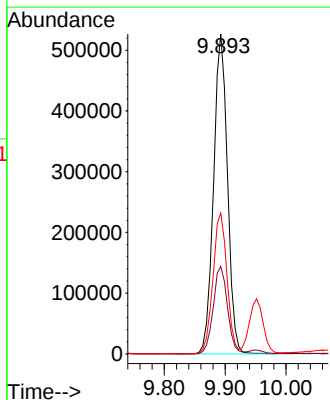
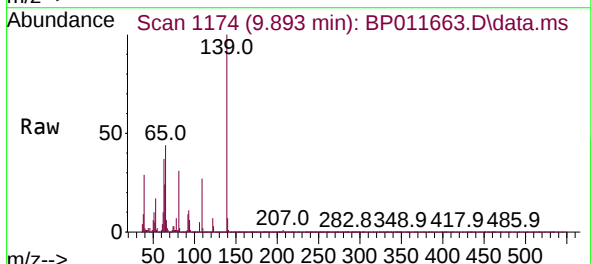
Manual Integrations
APPROVED

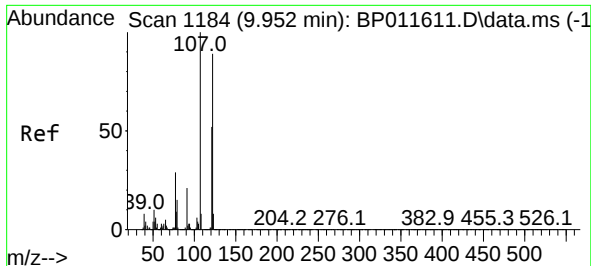
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#26
2-Nitrophenol
Concen: 50.890 ng
RT: 9.893 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Tgt Ion:139 Resp: 835799
Ion Ratio Lower Upper
139 100
109 27.3 30.2 45.4#
65 44.0 52.2 78.2#





#27

2,4-Dimethylphenol

Concen: 55.705 ng

RT: 9.952 min Scan# 1184

Delta R.T. 0.012 min

Lab File: BP011663.D

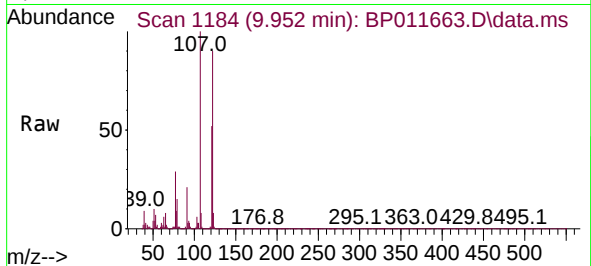
Acq: 09 Sep 2022 14:51

Instrument :

BNA_P

ClientSampleId :

PB147541BS



Tgt Ion:122 Resp: 1568336

Ion Ratio Lower Upper

122 100

107 111.4 103.5 155.3

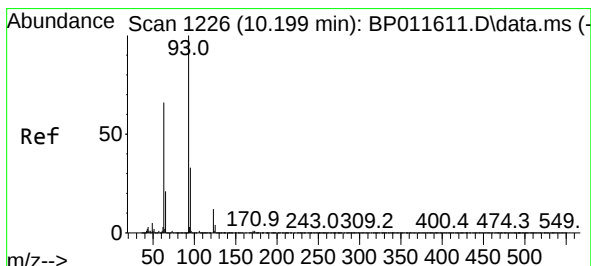
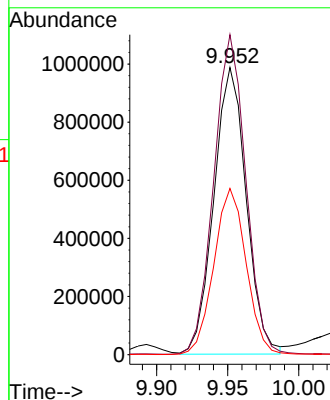
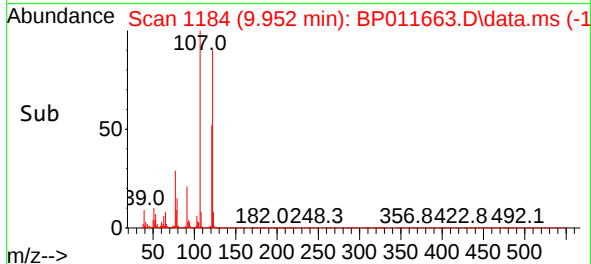
121 57.9 47.5 71.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/12/2022

Supervised By :Jagrut Upadhyay 09/12/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.225 ng

RT: 10.193 min Scan# 1225

Delta R.T. 0.006 min

Lab File: BP011663.D

Acq: 09 Sep 2022 14:51

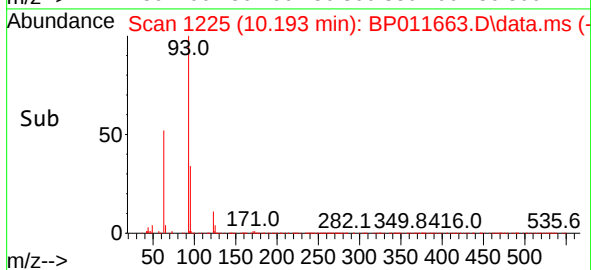
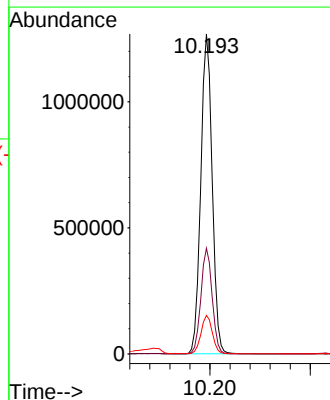
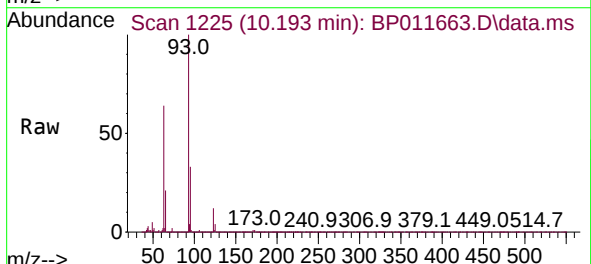
Tgt Ion: 93 Resp: 1999387

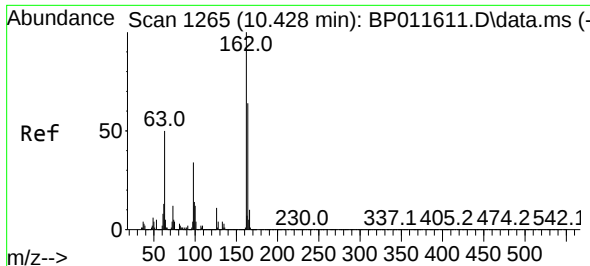
Ion Ratio Lower Upper

93 100

95 33.0 25.0 37.6

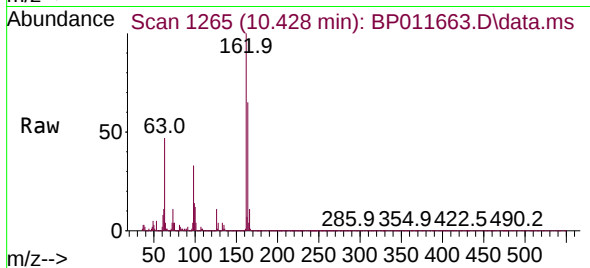
123 12.0 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 48.243 ng
RT: 10.428 min Scan# 1265
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

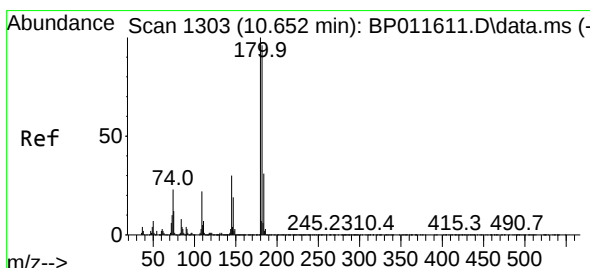
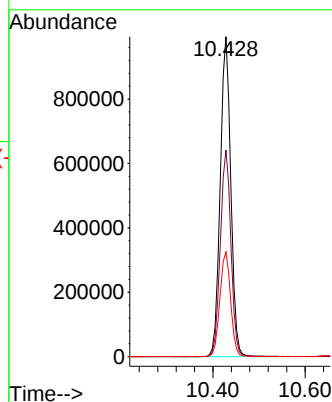
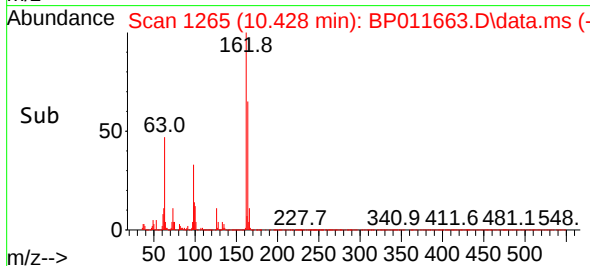
Instrument :
BNA_P
ClientSampleId :
PB147541BS



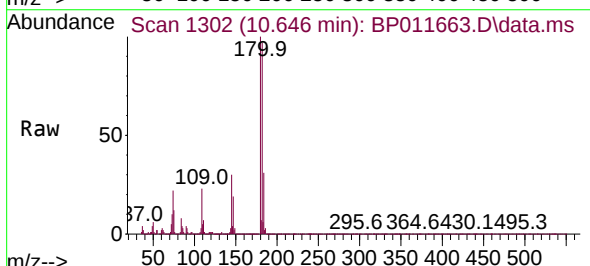
Tgt Ion:162 Resp: 1583836
Ion Ratio Lower Upper
162 100
164 64.5 43.0 83.0
98 32.7 20.4 60.4

Manual Integrations
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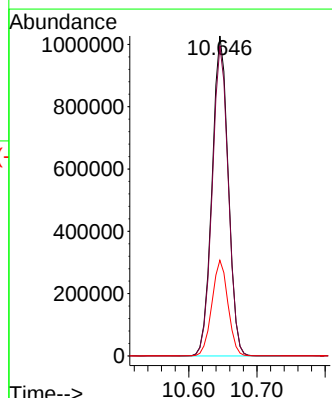
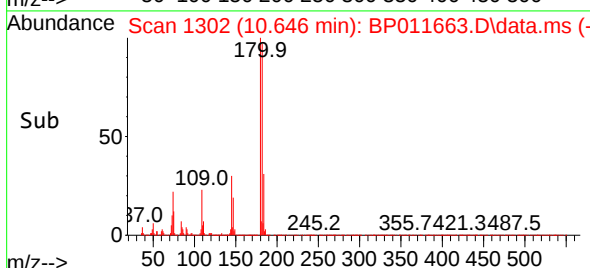
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

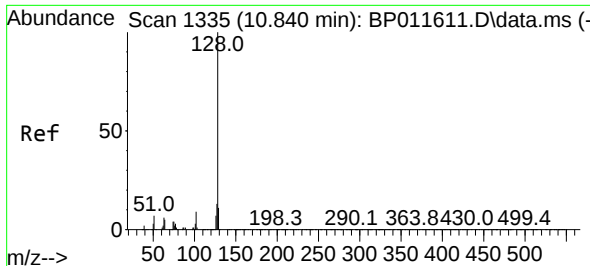


#30
1,2,4-Trichlorobenzene
Concen: 43.923 ng
RT: 10.646 min Scan# 1302
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



Tgt Ion:180 Resp: 1692078
Ion Ratio Lower Upper
180 100
182 96.9 78.0 117.0
145 29.9 24.6 36.8





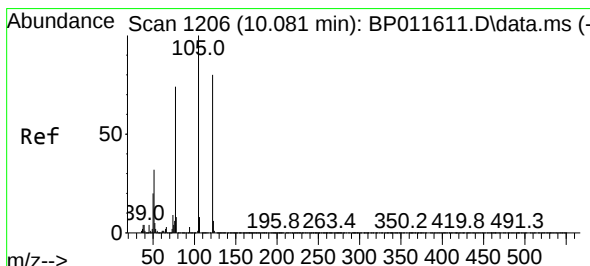
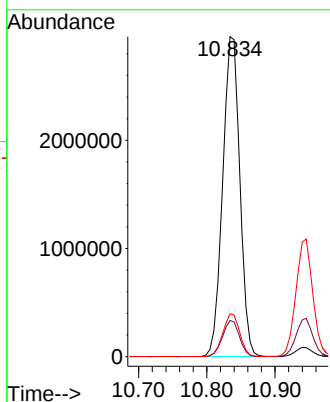
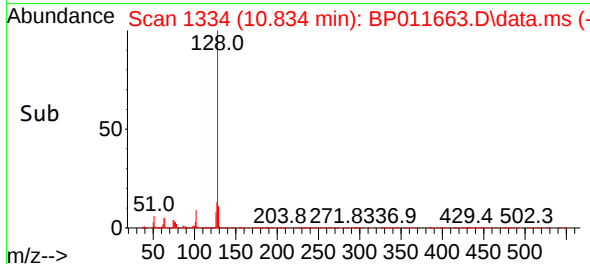
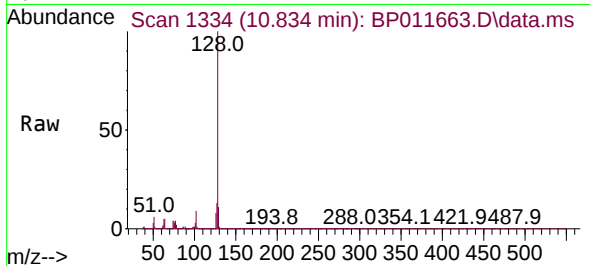
#31
Naphthalene
Concen: 43.592 ng
RT: 10.834 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Instrument :
BNA_P
ClientSampleId :
PB147541BS

Tgt Ion:128 Resp: 5153525
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.4 10.3 15.5

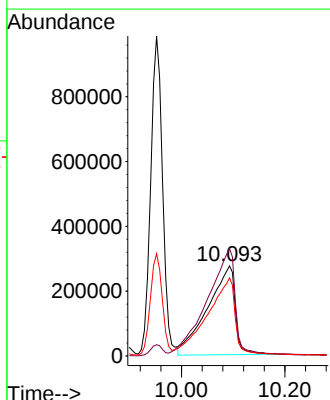
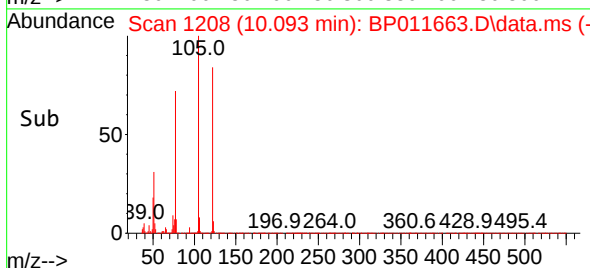
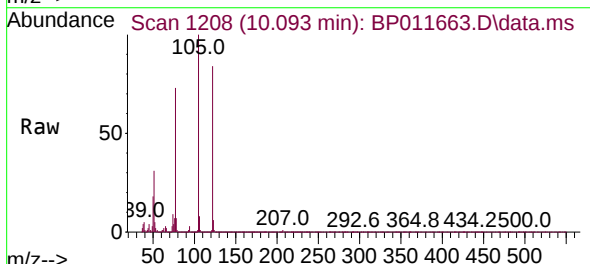
Manual Integrations
APPROVED

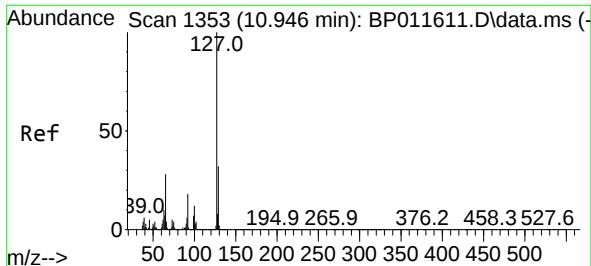
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#32
Benzoic acid
Concen: 52.504 ng
RT: 10.093 min Scan# 1208
Delta R.T. 0.029 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

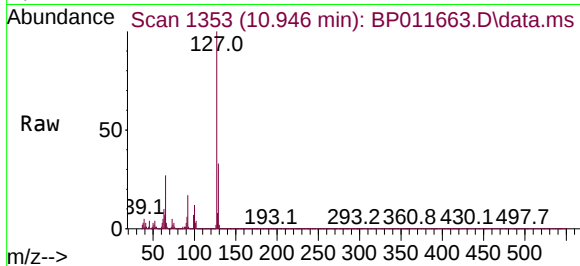
Tgt Ion:122 Resp: 1022909
Ion Ratio Lower Upper
122 100
105 119.3 112.6 152.6
77 86.7 90.2 130.2#





#33
4-Chloroaniline
Concen: 40.563 ng
RT: 10.946 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Instrument :
BNA_P
ClientSampleId :
PB147541BS

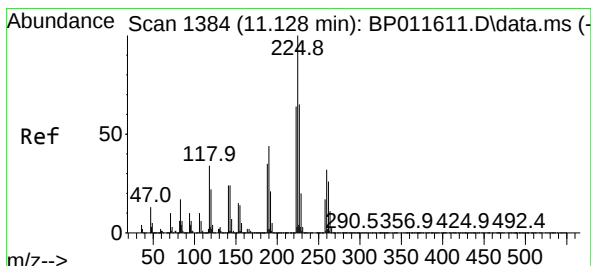
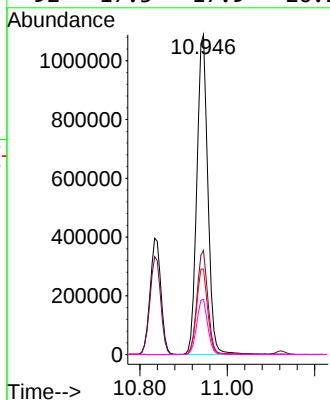
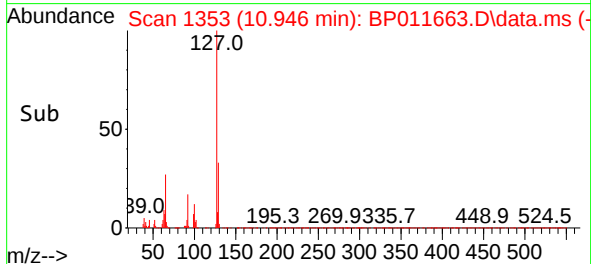


Tgt Ion:127 Resp: 1891804

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.4	38.2
65	26.7	30.4	45.6
92	17.3	17.9	26.9

Manual Integrations
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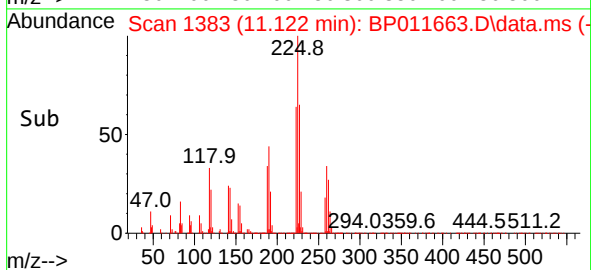
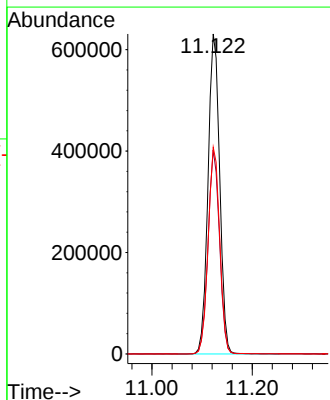
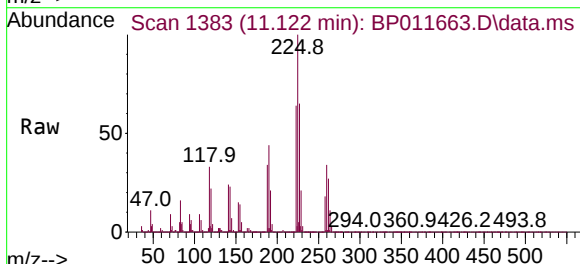
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

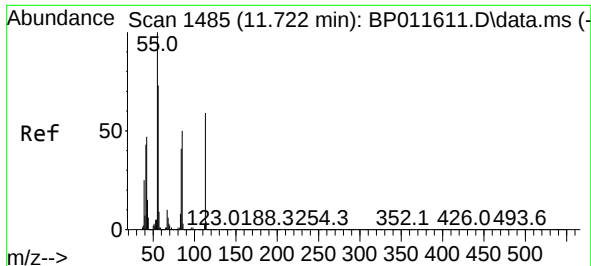


#34
Hexachlorobutadiene
Concen: 44.223 ng
RT: 11.122 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Tgt Ion:225 Resp: 1013664

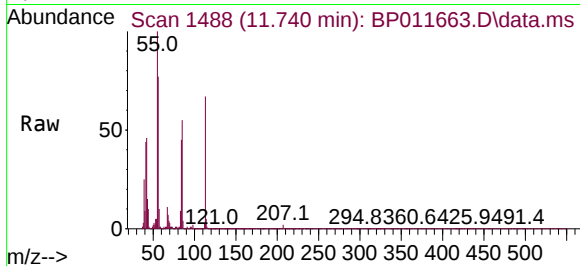
Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.2	78.4
227	64.6	50.8	76.2





#35
Caprolactam
Concen: 49.477 ng m
RT: 11.740 min Scan# 1485
Delta R.T. 0.018 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

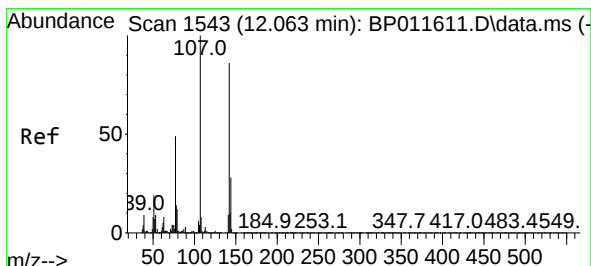
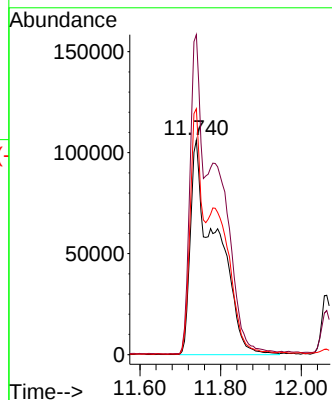
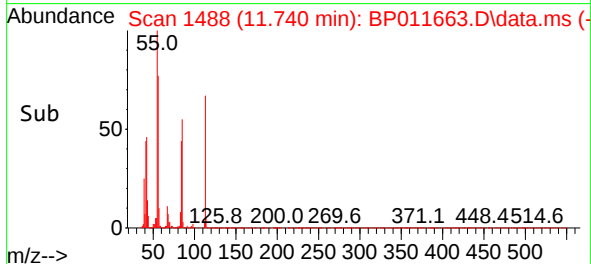
Instrument :
BNA_P
ClientSampleId :
PB147541BS



Tgt Ion:113 Resp: 468024
Ion Ratio Lower Upper
113 100
55 149.2 198.6 238.6
56 114.6 142.7 182.7

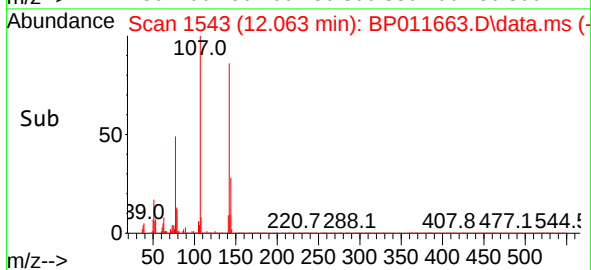
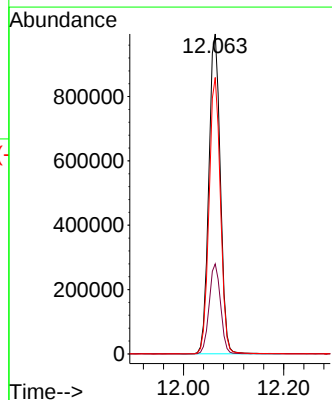
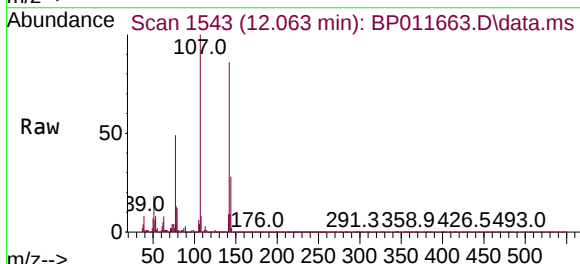
Manual Integrations
APPROVED

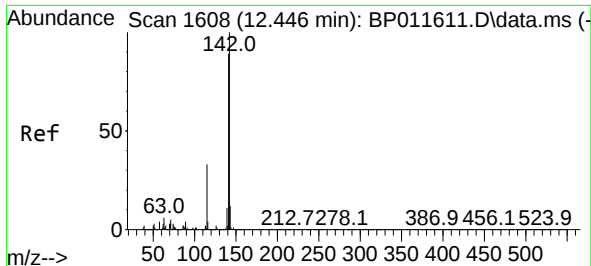
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#36
4-Chloro-3-methylphenol
Concen: 49.156 ng
RT: 12.063 min Scan# 1543
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

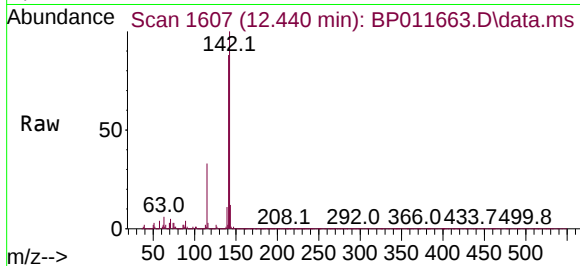
Tgt Ion:107 Resp: 1590166
Ion Ratio Lower Upper
107 100
144 28.1 19.8 29.6
142 86.4 59.0 88.4





#37
2-Methylnaphthalene
Concen: 44.325 ng
RT: 12.440 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

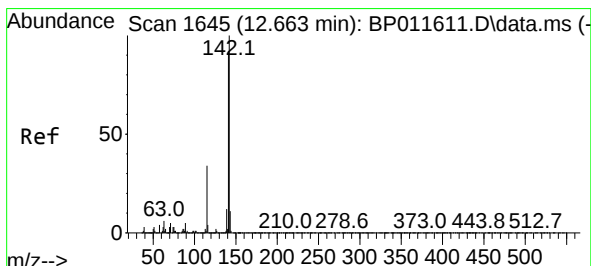
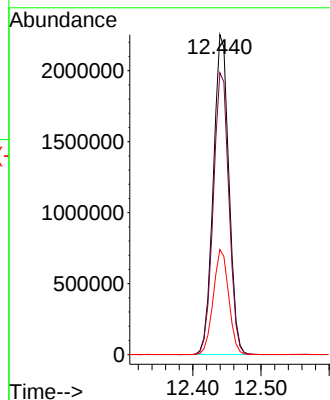
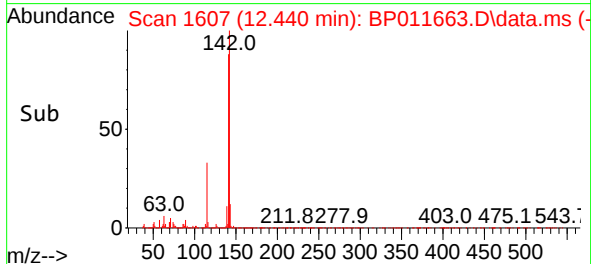
Instrument :
BNA_P
ClientSampleId :
PB147541BS



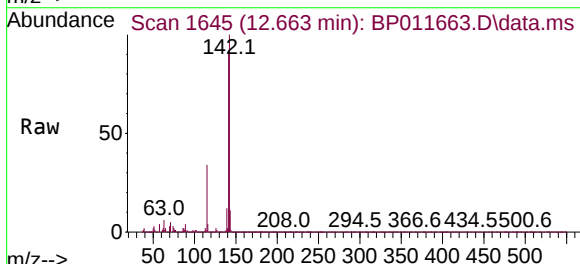
Tgt Ion:142 Resp: 3567424
Ion Ratio Lower Upper
142 100
141 88.1 71.3 106.9
115 32.8 31.4 47.2

Manual Integrations
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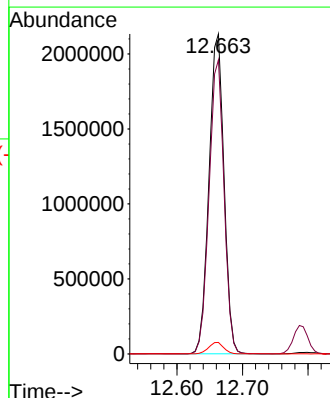
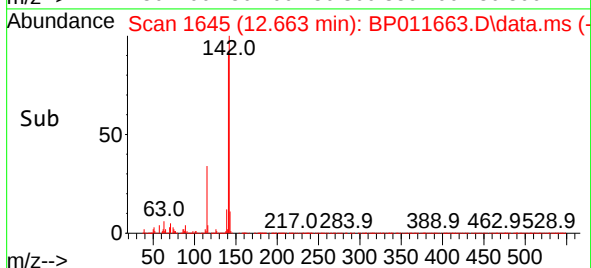
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

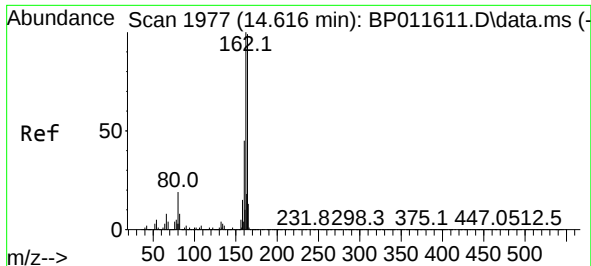


#38
1-Methylnaphthalene
Concen: 43.161 ng
RT: 12.663 min Scan# 1645
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



Tgt Ion:142 Resp: 3383626
Ion Ratio Lower Upper
142 100
141 91.9 72.6 108.8
116 3.6 3.3 4.9





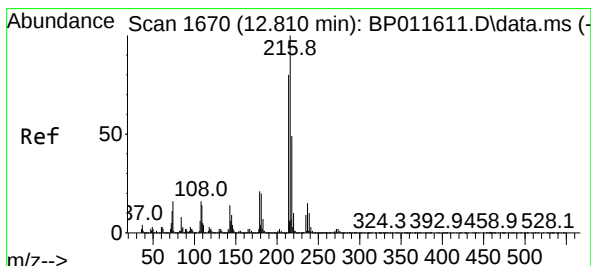
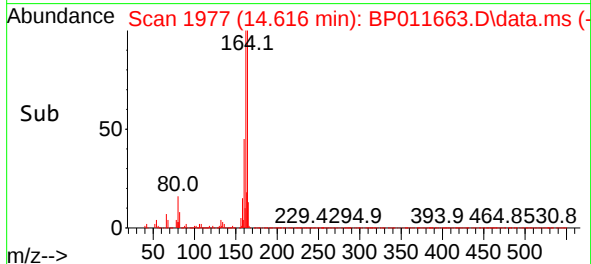
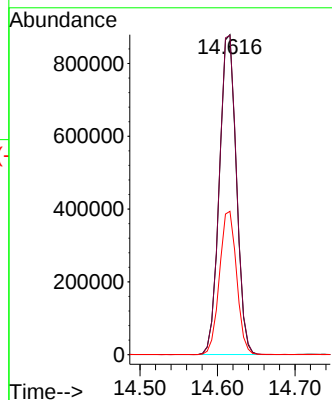
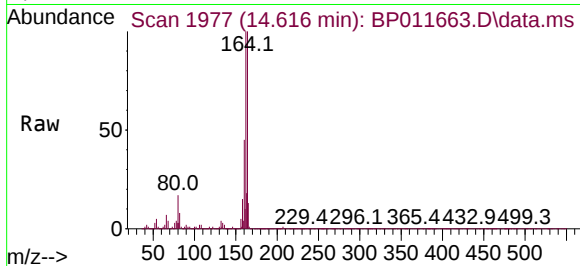
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1977
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Instrument :
BNA_P
ClientSampleId :
PB147541BS

Tgt Ion:164 Resp: 1338185
Ion Ratio Lower Upper
164 100
162 99.8 81.9 122.9
160 44.8 34.6 51.8

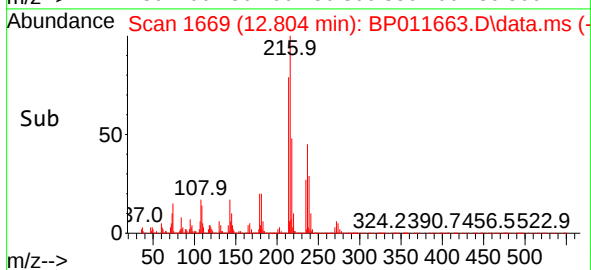
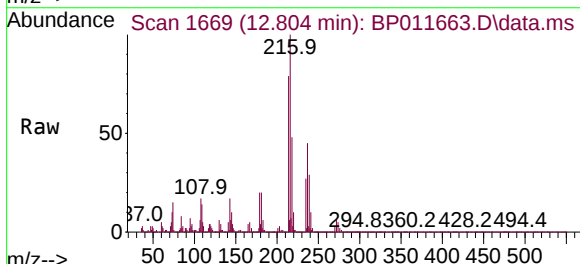
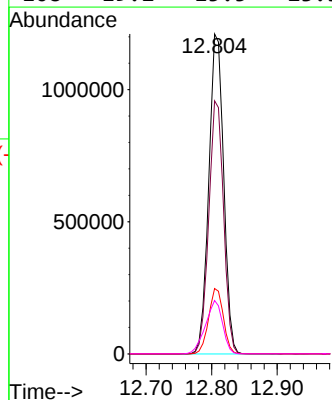
Manual Integrations
APPROVED

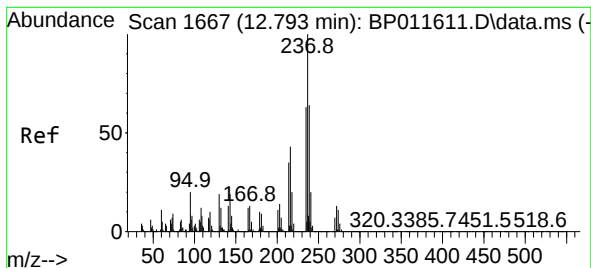
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.244 ng
RT: 12.804 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

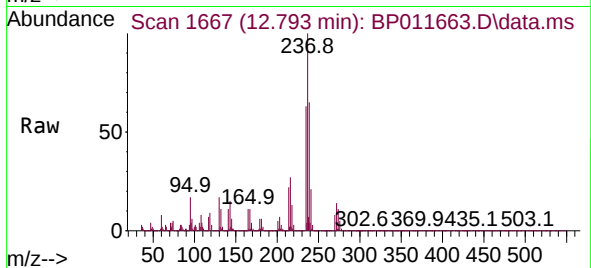
Tgt Ion:216 Resp: 1901599
Ion Ratio Lower Upper
216 100
214 78.8 61.9 92.9
179 20.3 17.0 25.6
108 19.2 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 125.024 ng
RT: 12.793 min Scan# 1667
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

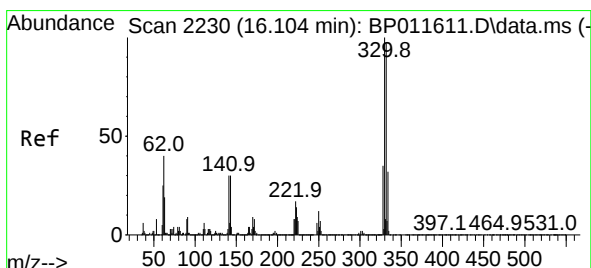
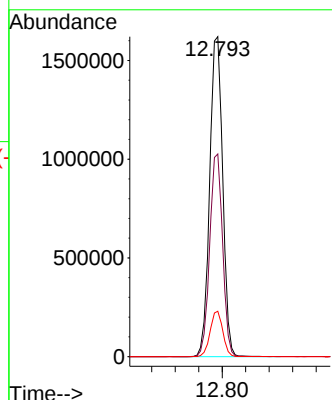
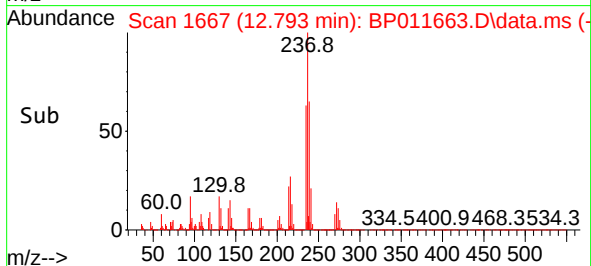
Instrument :
BNA_P
ClientSampleId :
PB147541BS



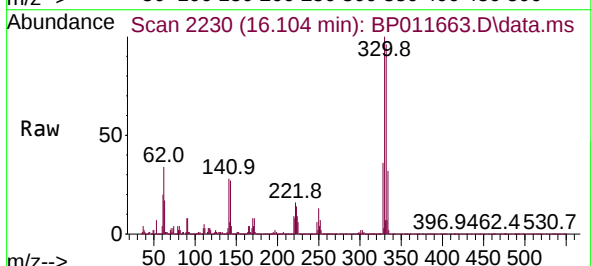
Tgt Ion: 237 Resp: 2484193
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 14.2 0.0 33.0

Manual Integrations
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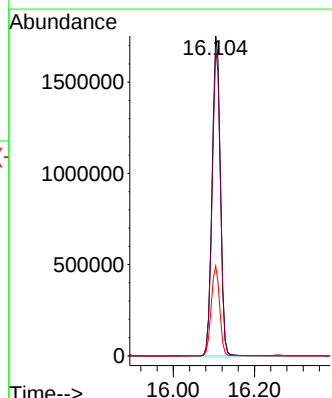
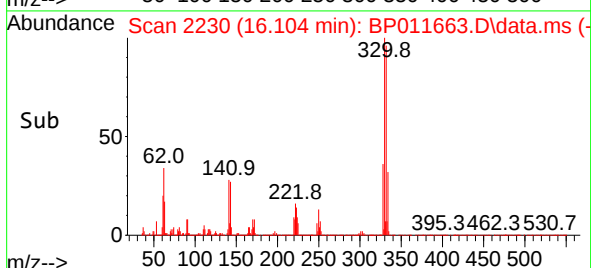
Reviewed By : Christian Giraldo 09/12/2022
Supervised By : Jagrut Upadhyay 09/12/2022

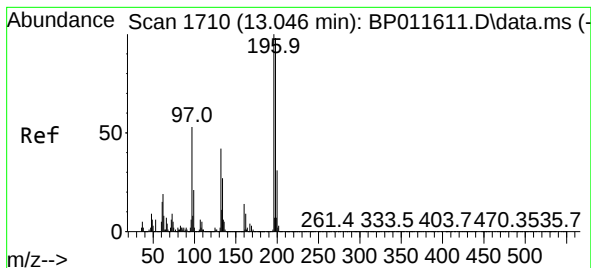


#42
2,4,6-Tribromophenol
Concen: 165.152 ng
RT: 16.104 min Scan# 2230
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



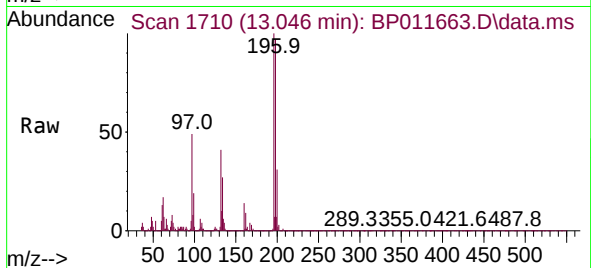
Tgt Ion: 330 Resp: 2497000
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 28.7 31.4 47.2#





#43
2,4,6-Trichlorophenol
Concen: 49.387 ng
RT: 13.046 min Scan# 1710
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

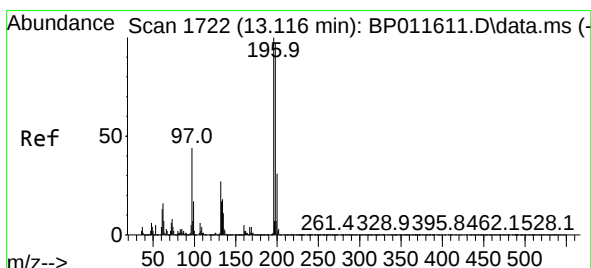
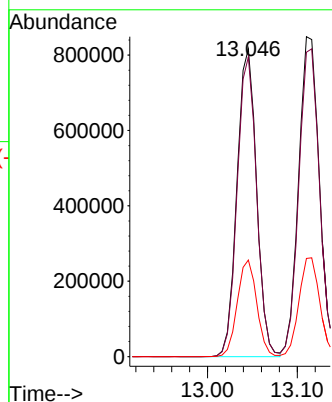
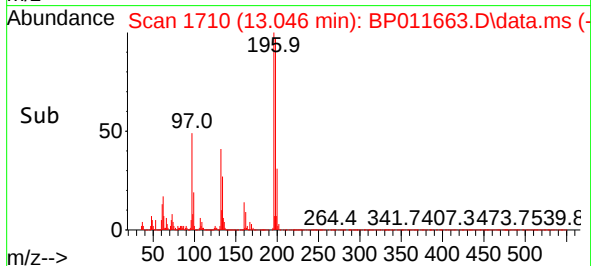
Instrument :
BNA_P
ClientSampleId :
PB147541BS



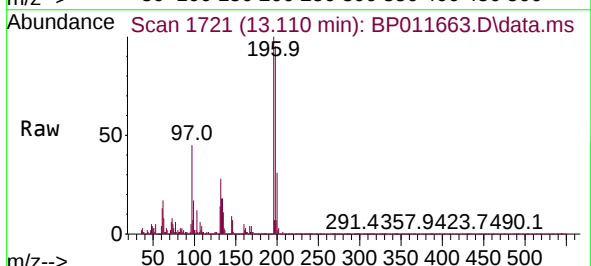
Tgt Ion:196 Resp: 1242205
Ion Ratio Lower Upper
196 100
198 97.3 77.7 116.5
200 31.4 25.5 38.3

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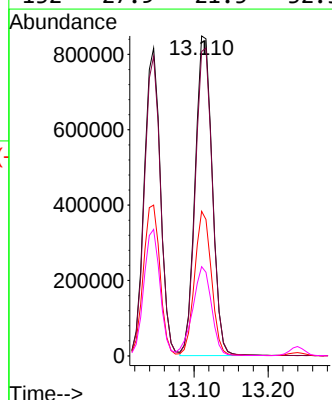
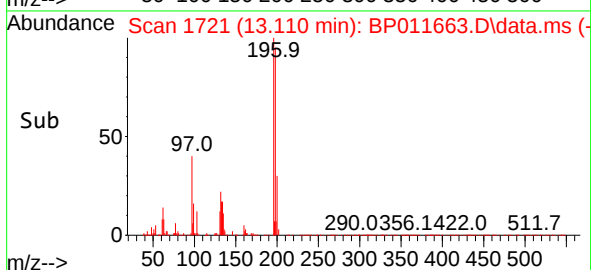
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

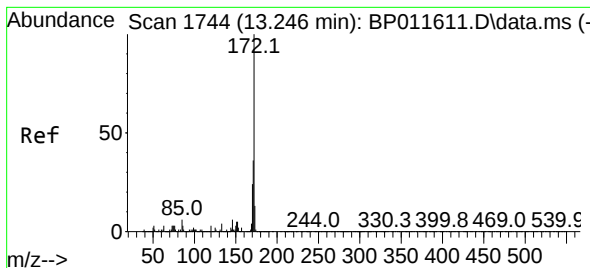


#44
2,4,5-Trichlorophenol
Concen: 47.369 ng
RT: 13.110 min Scan# 1721
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



Tgt Ion:196 Resp: 1360089
Ion Ratio Lower Upper
196 100
198 95.1 75.7 113.5
97 45.2 42.4 63.6
132 27.9 21.5 32.3





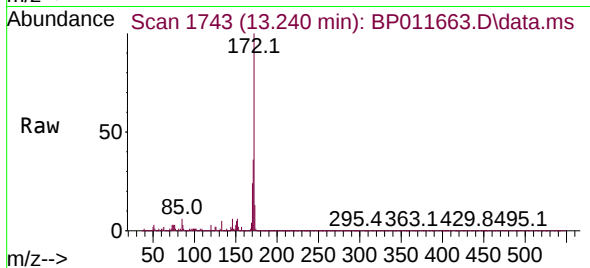
#45
2-Fluorobiphenyl
Concen: 82.897 ng
RT: 13.240 min Scan# 1744
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Instrument :

BNA_P

ClientSampleId :

PB147541BS



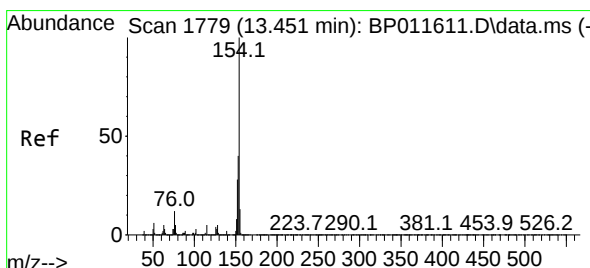
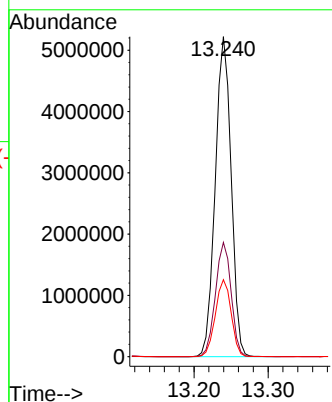
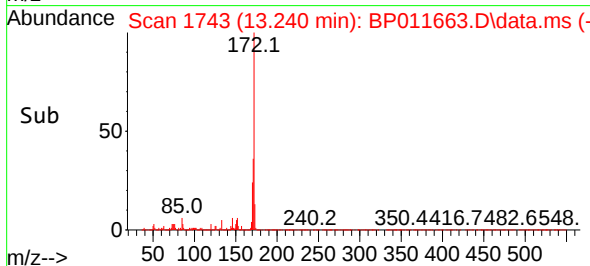
Tgt Ion:172 Resp: 775743

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	24.0	18.2	27.2

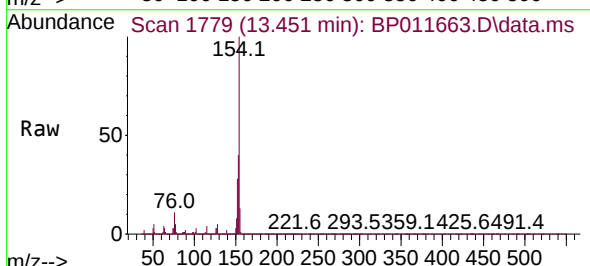
Manual Integrations

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Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

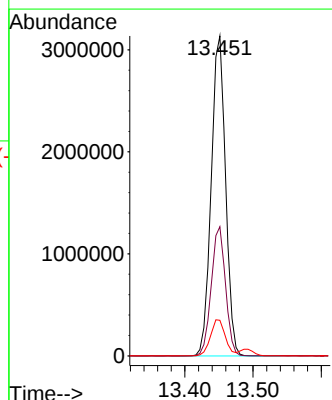
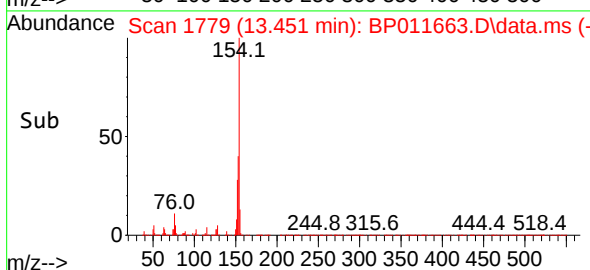


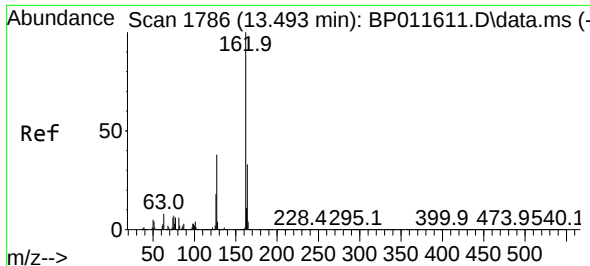
#46
1,1'-Biphenyl
Concen: 44.511 ng
RT: 13.451 min Scan# 1779
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



Tgt Ion:154 Resp: 4575125

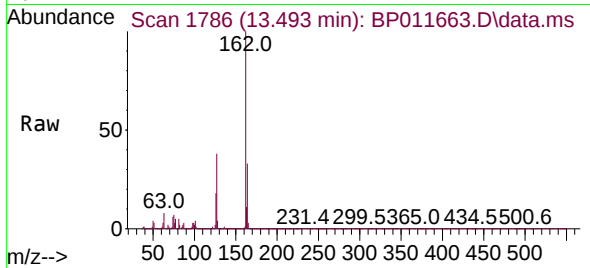
Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.1	60.1
76	11.1	0.0	33.2





#47
2-Chloronaphthalene
Concen: 43.429 ng
RT: 13.493 min Scan# 1786
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

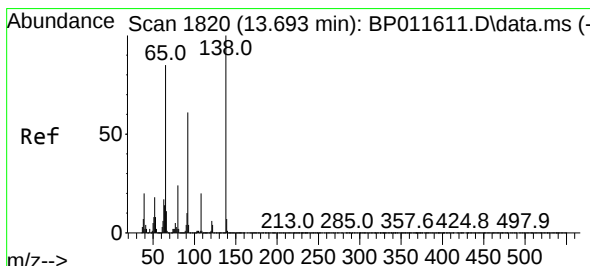
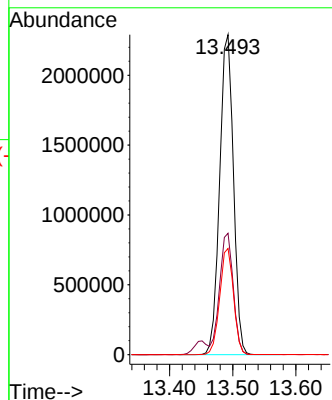
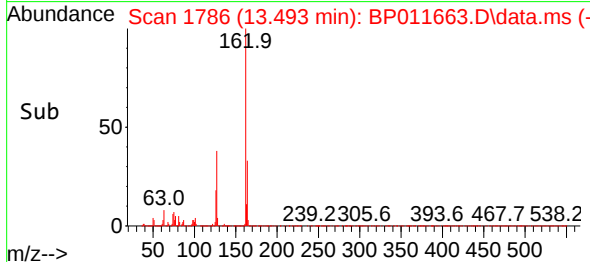
Instrument :
BNA_P
ClientSampleId :
PB147541BS



Tgt Ion:162 Resp: 3469926
Ion Ratio Lower Upper
162 100
127 37.9 32.4 48.6
164 33.2 26.3 39.5

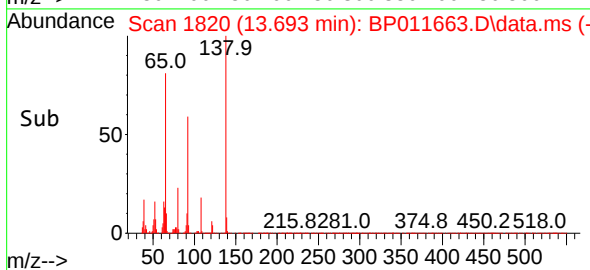
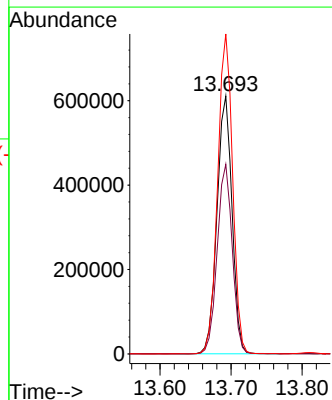
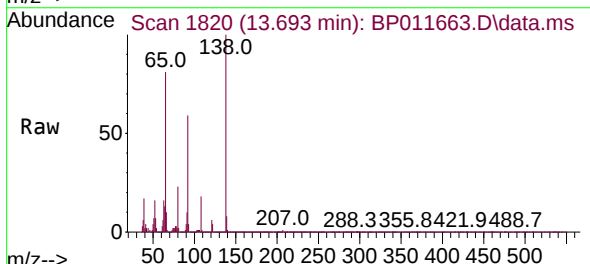
Manual Integrations
APPROVED

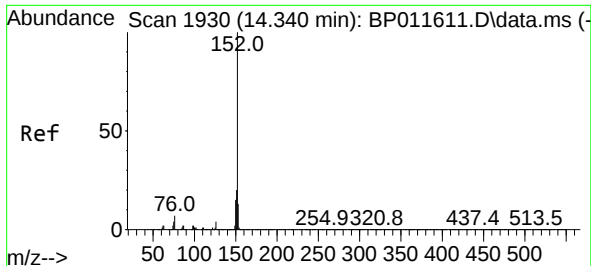
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#48
2-Nitroaniline
Concen: 43.918 ng
RT: 13.693 min Scan# 1820
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

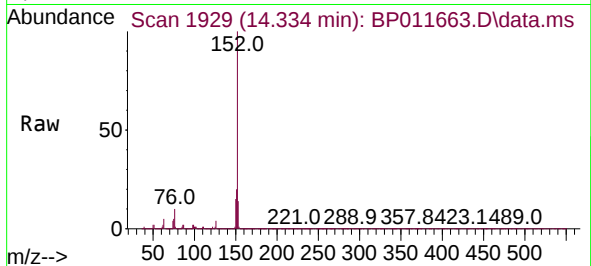
Tgt Ion: 65 Resp: 901770
Ion Ratio Lower Upper
65 100
92 73.5 50.0 75.0
138 124.1 71.2 106.8





#49
Acenaphthylene
Concen: 44.326 ng
RT: 14.334 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

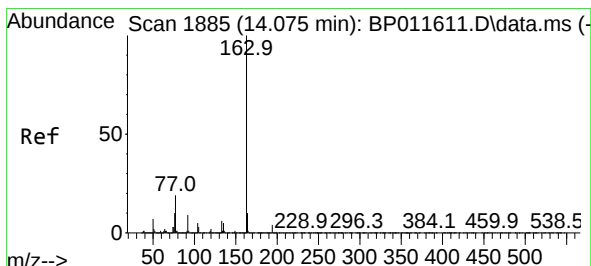
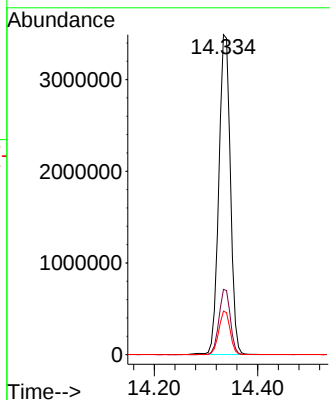
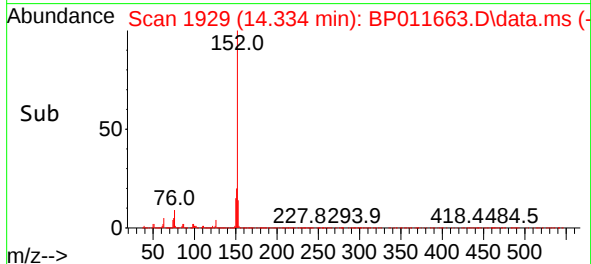
Instrument :
BNA_P
ClientSampleId :
PB147541BS



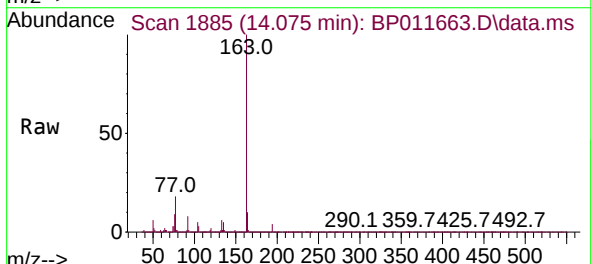
Tgt Ion:152 Resp: 5433788
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 13.6 10.4 15.6

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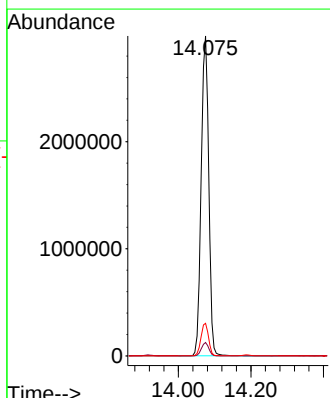
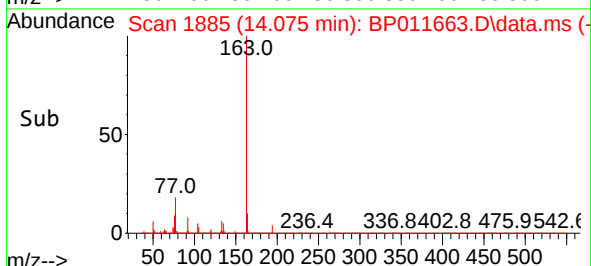
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

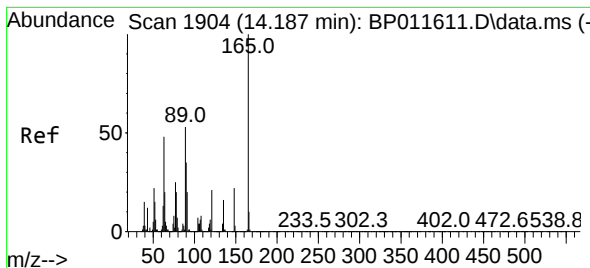


#50
Dimethylphthalate
Concen: 44.234 ng
RT: 14.075 min Scan# 1885
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



Tgt Ion:163 Resp: 4309452
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.2 8.2 12.4





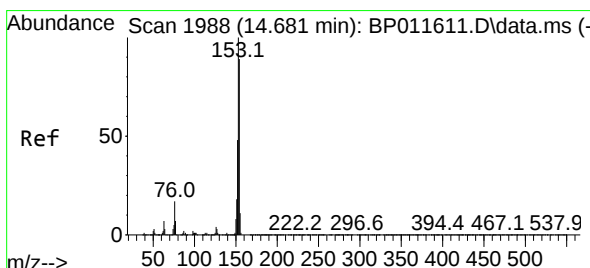
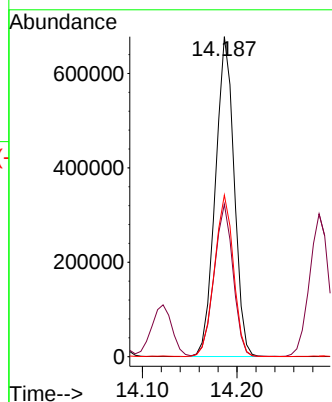
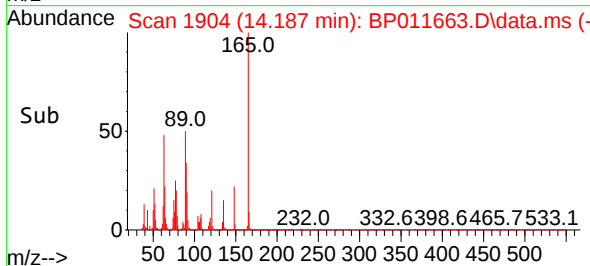
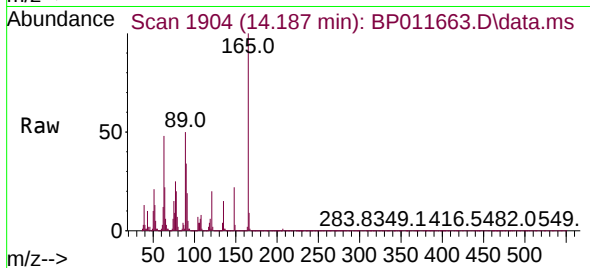
#51
2,6-Dinitrotoluene
Concen: 49.549 ng
RT: 14.187 min Scan# 1904
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Instrument :
BNA_P
ClientSampleId :
PB147541BS

Tgt Ion:165 Resp: 933032
Ion Ratio Lower Upper
165 100
63 47.6 57.3 85.9
89 50.5 50.2 75.2

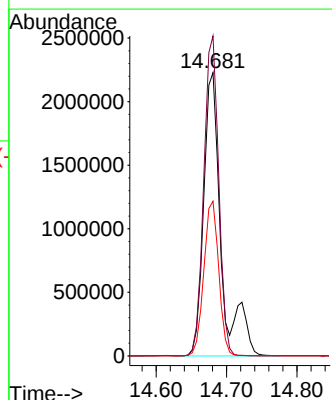
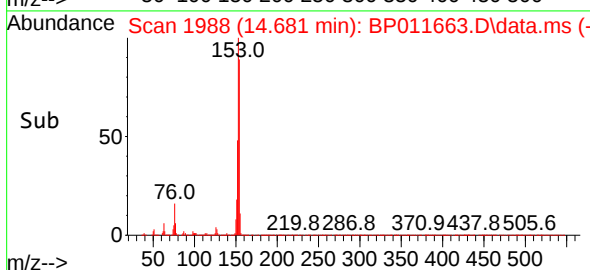
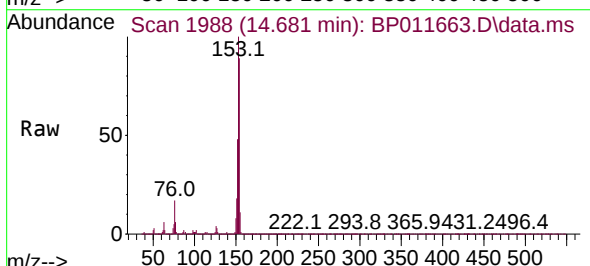
Manual Integrations
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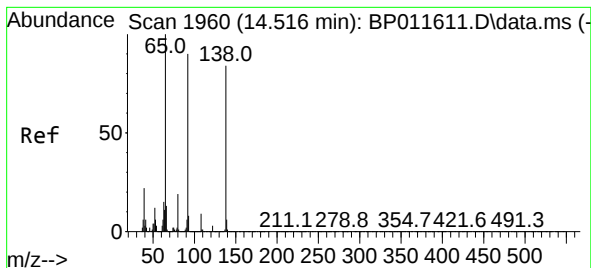
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#52
Acenaphthene
Concen: 48.936 ng m
RT: 14.681 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Tgt Ion:154 Resp: 3883653
Ion Ratio Lower Upper
154 100
153 112.9 87.4 131.2
152 54.5 41.7 62.5





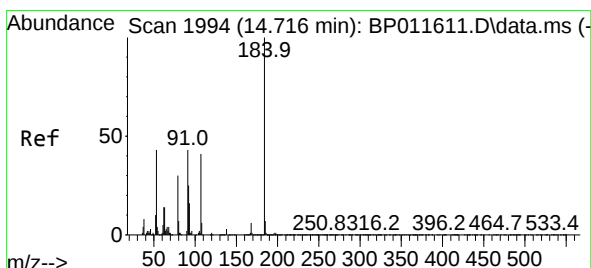
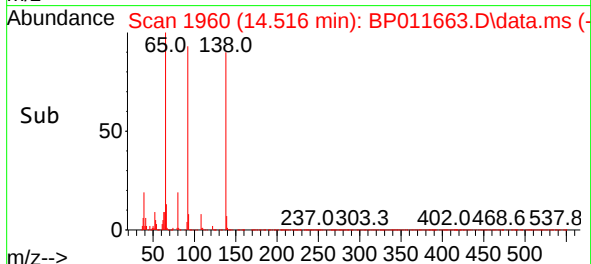
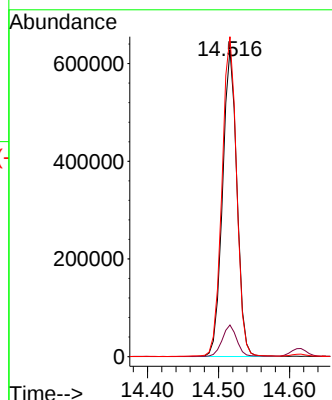
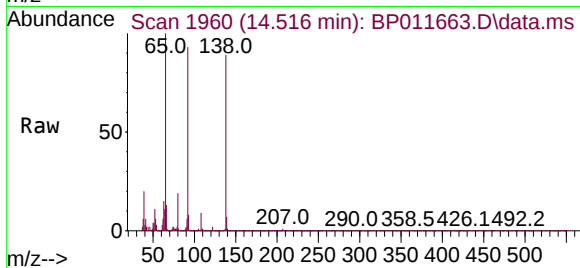
#53
3-Nitroaniline
Concen: 42.501 ng
RT: 14.516 min Scan# 1960
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Instrument :
BNA_P
ClientSampleId :
PB147541BS

Tgt Ion:138 Resp: 887626
Ion Ratio Lower Upper
138 100
108 10.3 9.5 14.3
92 104.2 99.9 149.9

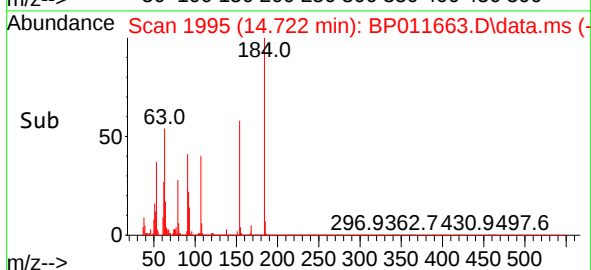
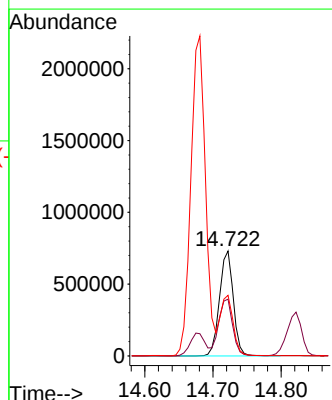
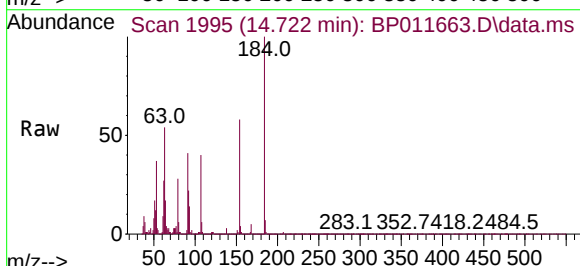
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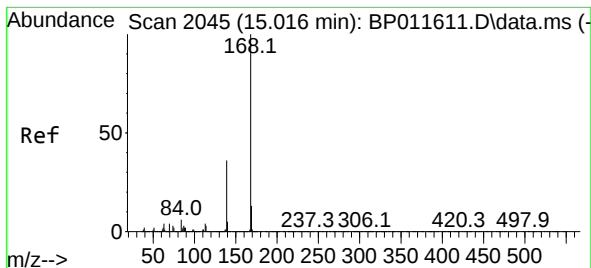
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#54
2,4-Dinitrophenol
Concen: 127.082 ng
RT: 14.722 min Scan# 1995
Delta R.T. 0.018 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

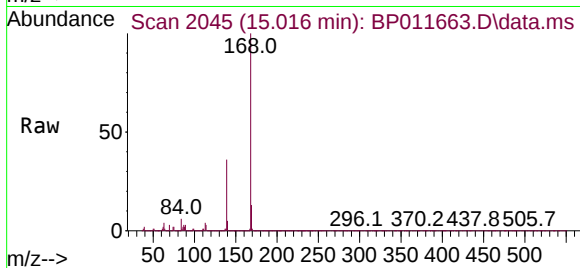
Tgt Ion:184 Resp: 1017771
Ion Ratio Lower Upper
184 100
63 54.1 65.4 98.2#
154 57.7 55.4 83.2





#55
Dibenzofuran
Concen: 43.686 ng
RT: 15.016 min Scan# 2045
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

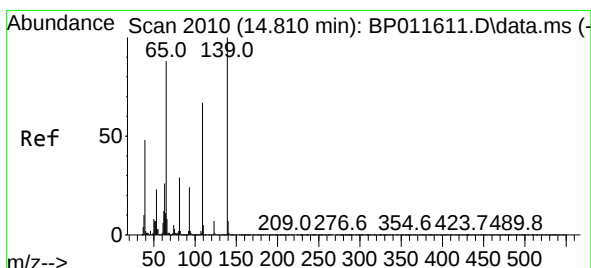
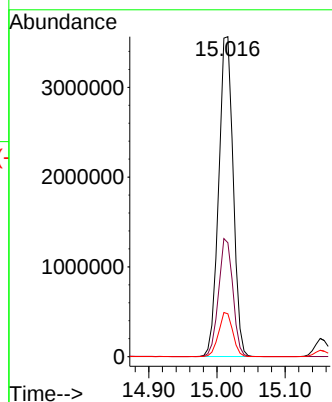
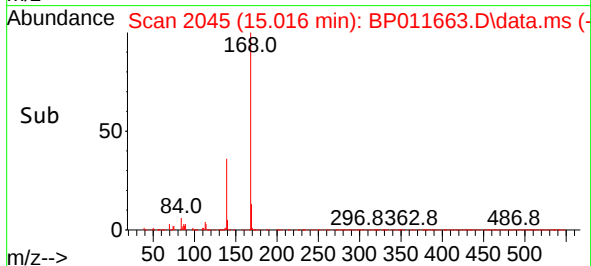
Instrument :
BNA_P
ClientSampleId :
PB147541BS



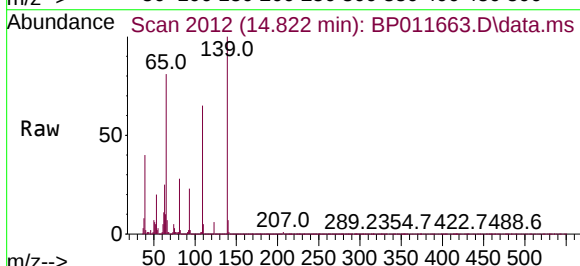
Tgt Ion:168 Resp: 5223729
Ion Ratio Lower Upper
168 100
139 35.6 31.5 47.3
169 13.4 10.3 15.5

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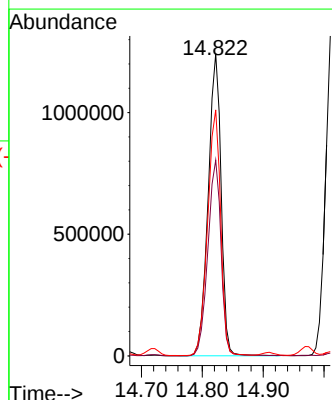
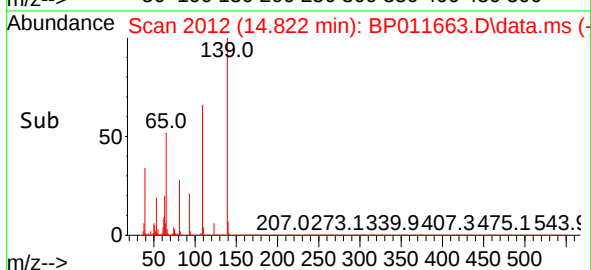
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

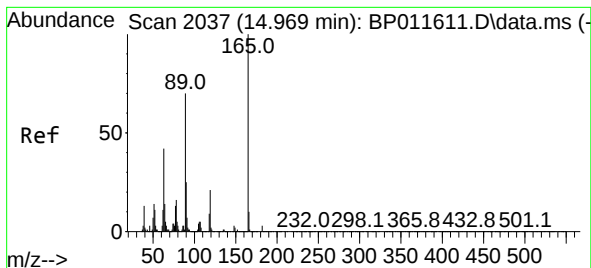


#56
4-Nitrophenol
Concen: 108.969 ng
RT: 14.822 min Scan# 2012
Delta R.T. 0.018 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



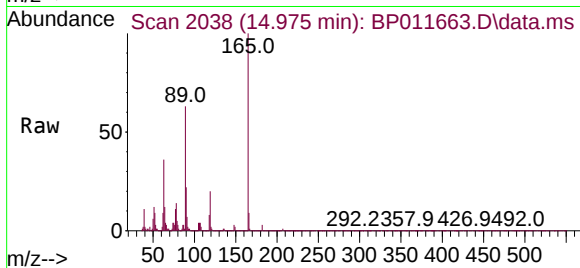
Tgt Ion:139 Resp: 1830631
Ion Ratio Lower Upper
139 100
109 64.8 70.6 110.6#
65 81.4 106.6 146.6#





#57
2,4-Dinitrotoluene
Concen: 46.979 ng
RT: 14.975 min Scan# 2037
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

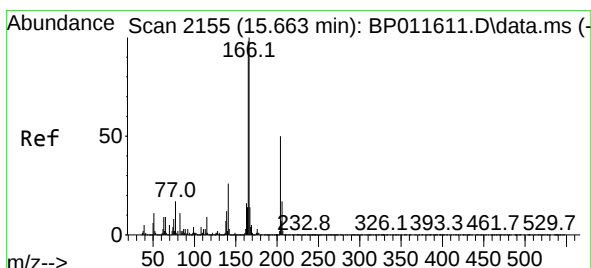
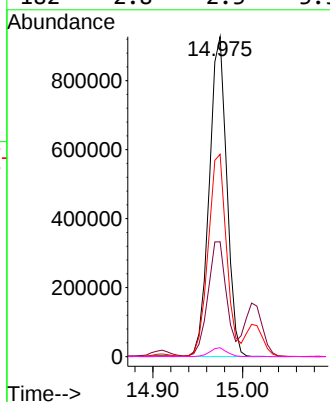
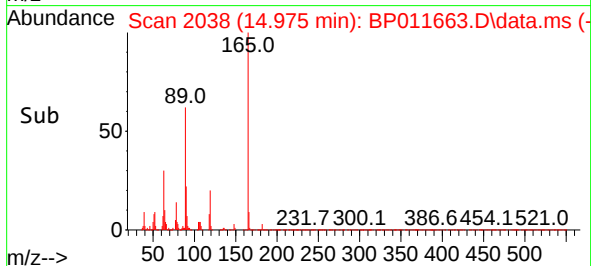
Instrument :
BNA_P
ClientSampleId :
PB147541BS



Tgt Ion:165 Resp: 1264814
Ion Ratio Lower Upper
165 100
63 35.9 46.2 69.2
89 63.2 65.8 98.8
182 2.8 2.3 3.5

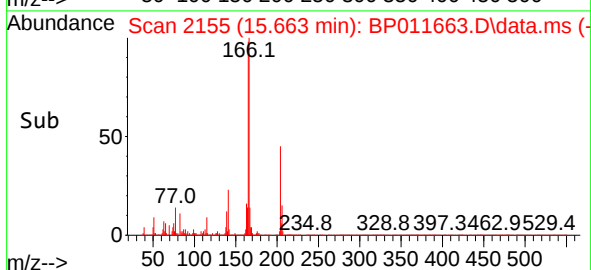
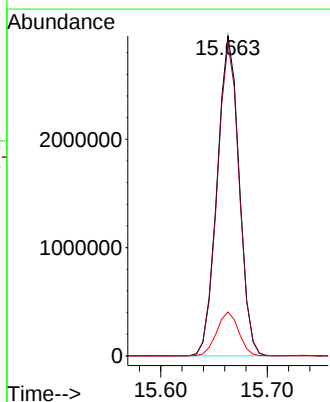
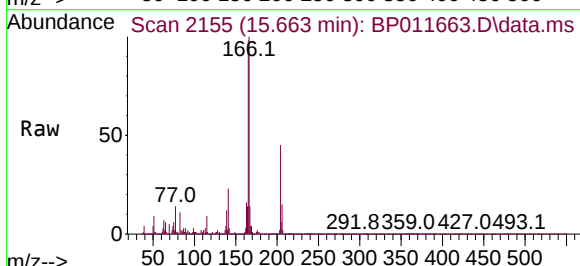
Manual Integrations
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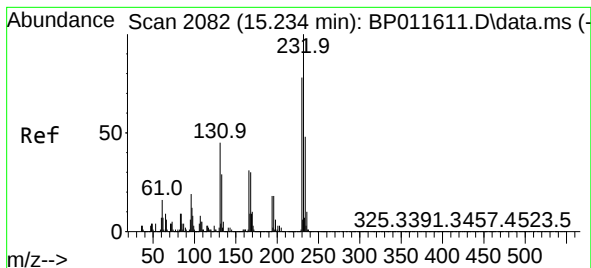
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#58
Fluorene
Concen: 43.267 ng
RT: 15.663 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

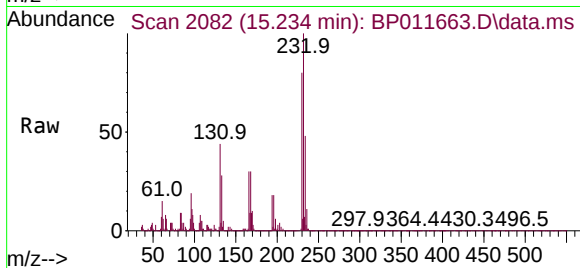
Tgt Ion:166 Resp: 4236434
Ion Ratio Lower Upper
166 100
165 97.8 77.0 115.4
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.293 ng
RT: 15.234 min Scan# 2082
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

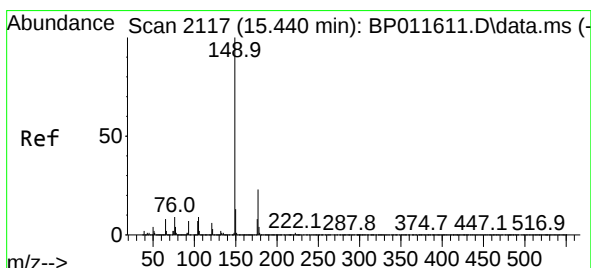
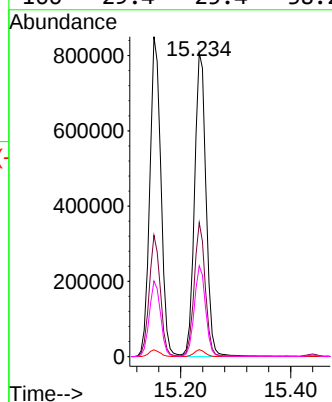
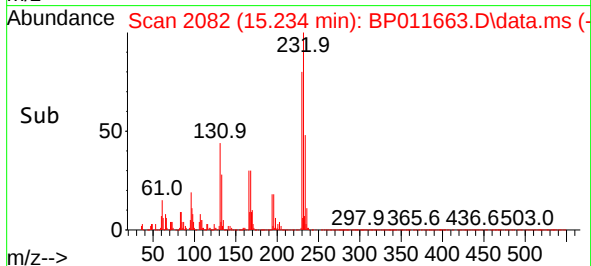
Instrument :
BNA_P
Client Sample Id :
PB147541BS



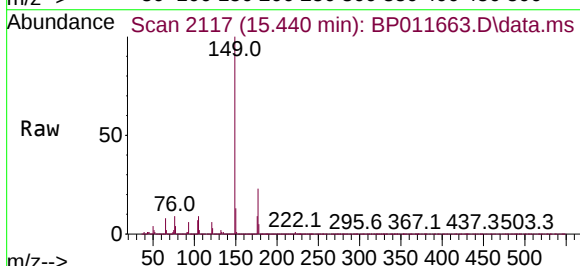
Tgt Ion: 232 Resp: 1170238
Ion Ratio Lower Upper
232 100
131 42.7 37.0 55.6
130 2.2 2.2 3.2
166 29.4 25.4 38.2

Manual Integrations
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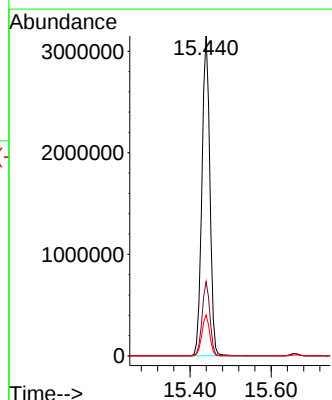
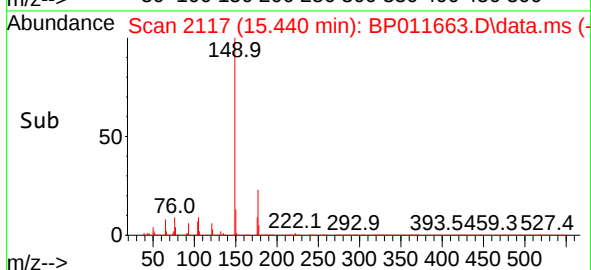
Reviewed By : Christian Giraldo 09/12/2022
Supervised By : Jagrut Upadhyay 09/12/2022

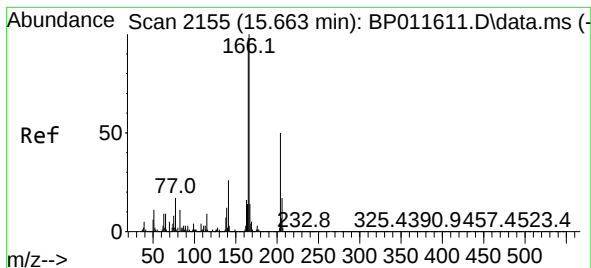


#60
Diethylphthalate
Concen: 44.968 ng
RT: 15.440 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



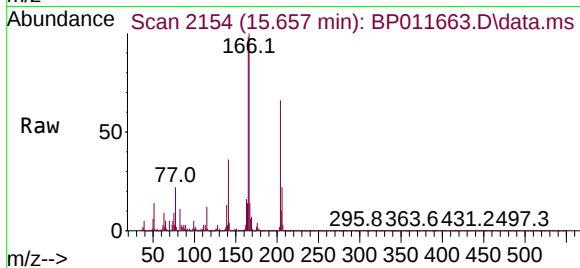
Tgt Ion: 149 Resp: 4259967
Ion Ratio Lower Upper
149 100
177 23.2 17.8 26.8
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.926 ng
RT: 15.657 min Scan# 2154
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

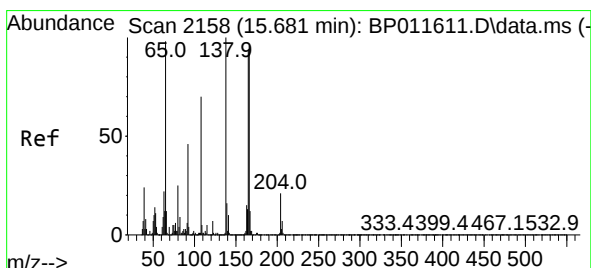
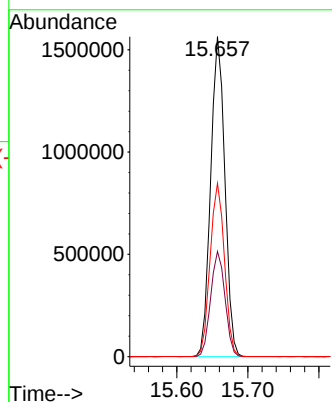
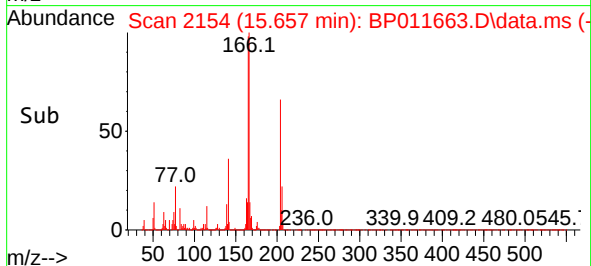
Instrument :
BNA_P
ClientSampleId :
PB147541BS



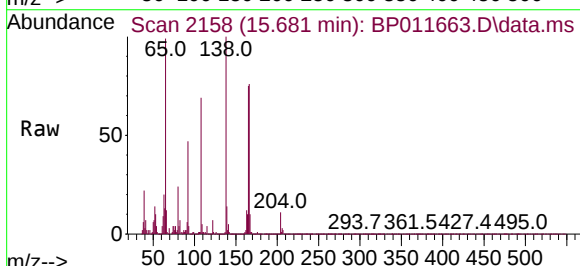
Tgt Ion: 204 Resp: 2168823
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 54.1 51.1 76.7

Manual Integrations
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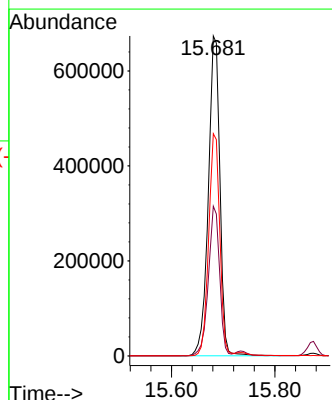
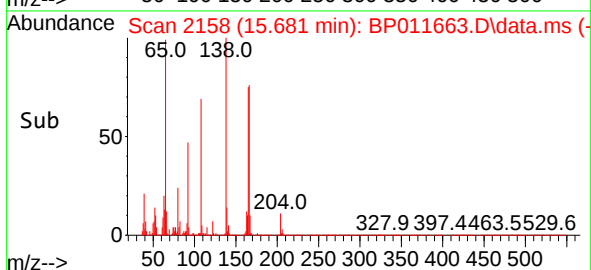
Reviewed By : Christian Giraldo 09/12/2022
Supervised By : Jagrut Upadhyay 09/12/2022

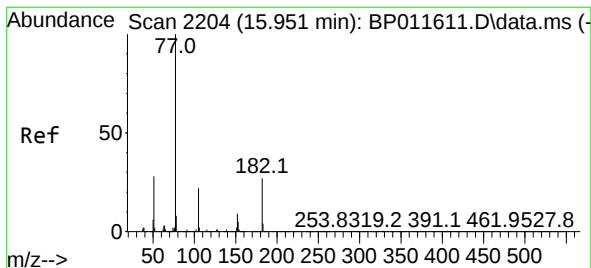


#62
4-Nitroaniline
Concen: 44.926 ng
RT: 15.681 min Scan# 2158
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



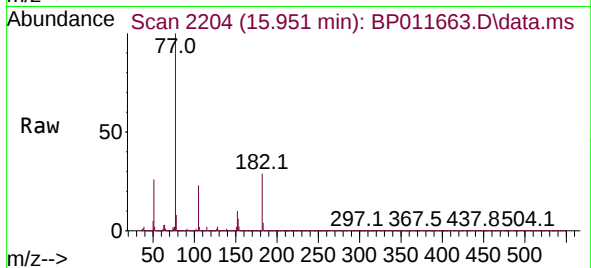
Tgt Ion: 138 Resp: 1047872
Ion Ratio Lower Upper
138 100
92 46.8 38.0 78.0
108 69.4 77.6 117.6





#63
Azobenzene
Concen: 43.172 ng
RT: 15.951 min Scan# 2204
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

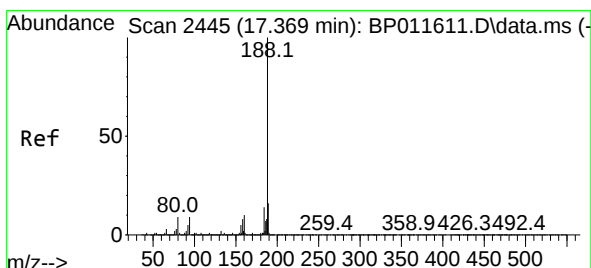
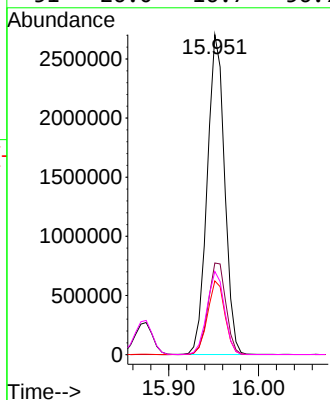
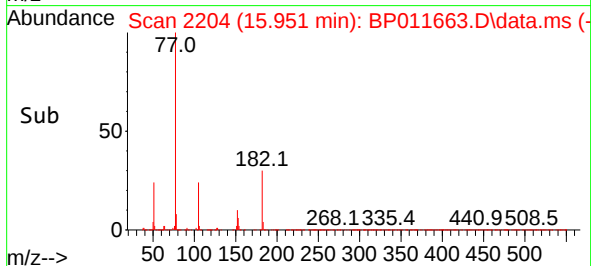
Instrument :
BNA_P
ClientSampleId :
PB147541BS



Tgt Ion: 77 Resp: 363607
Ion Ratio Lower Upper
77 100
182 28.7 3.0 43.0
105 23.0 0.0 38.6
51 26.0 16.7 56.7

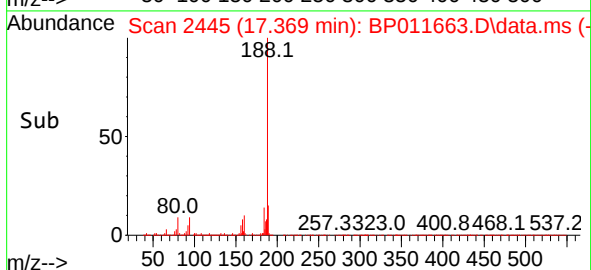
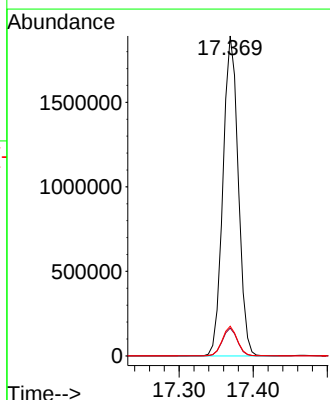
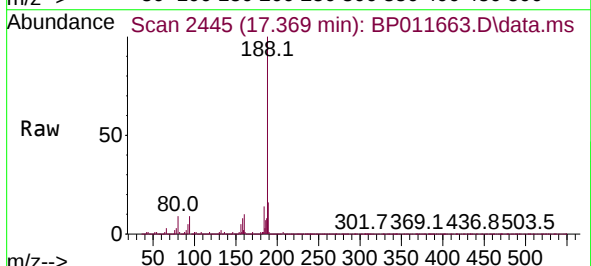
Manual Integrations
APPROVED

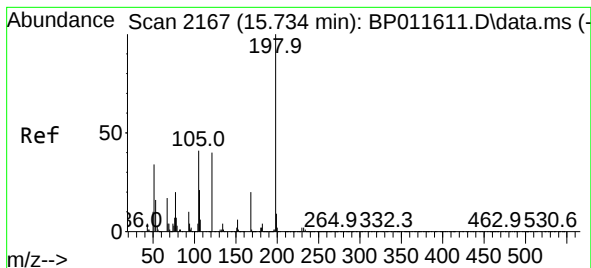
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 2445
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

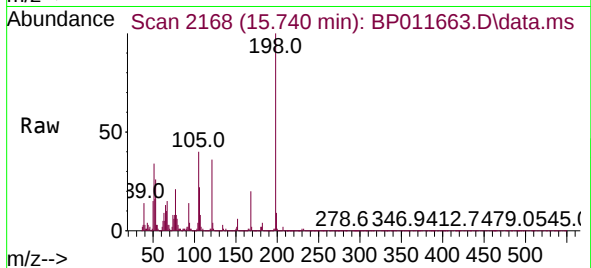
Tgt Ion:188 Resp: 2708139
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.3 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 50.928 ng
RT: 15.740 min Scan# 2168
Delta R.T. 0.018 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

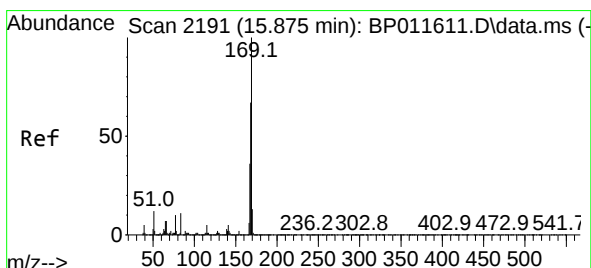
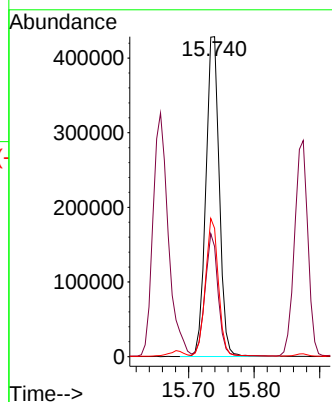
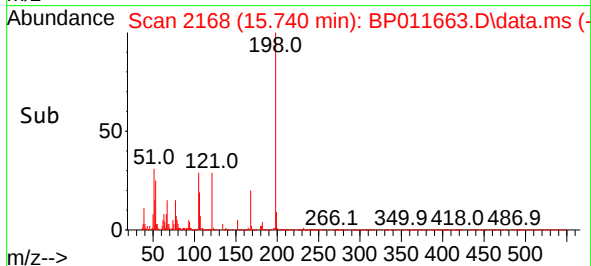
Instrument :
BNA_P
ClientSampleId :
PB147541BS



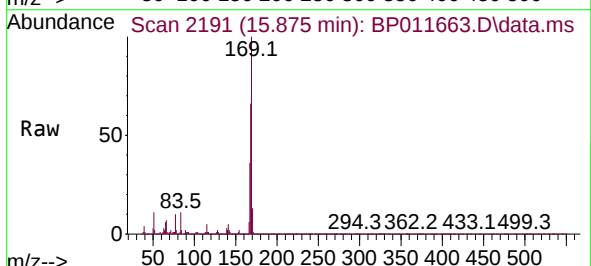
Tgt Ion:198 Resp: 607933
Ion Ratio Lower Upper
198 100
51 34.4 41.2 81.2
105 40.1 25.3 65.3

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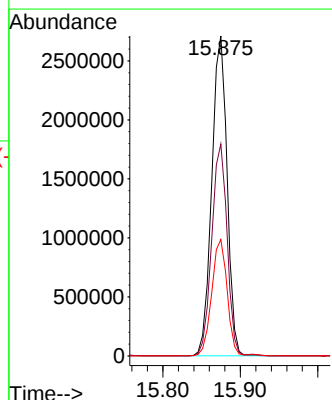
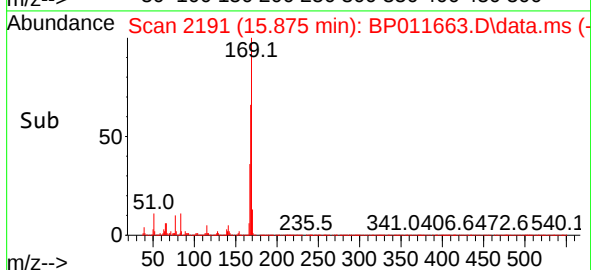
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

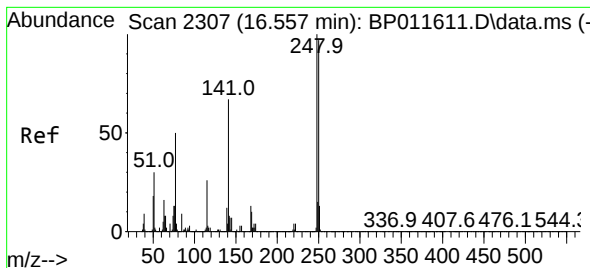


#66
n-Nitrosodiphenylamine
Concen: 45.117 ng
RT: 15.875 min Scan# 2191
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



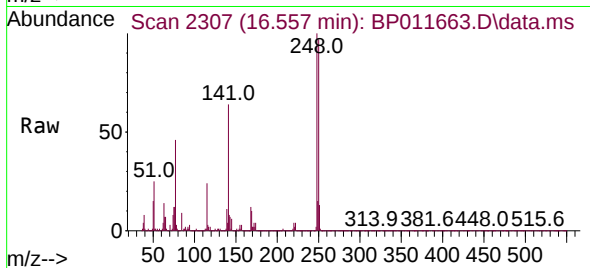
Tgt Ion:169 Resp: 3716599
Ion Ratio Lower Upper
169 100
168 66.2 51.8 77.8
167 36.4 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 47.185 ng
RT: 16.557 min Scan# 2307
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

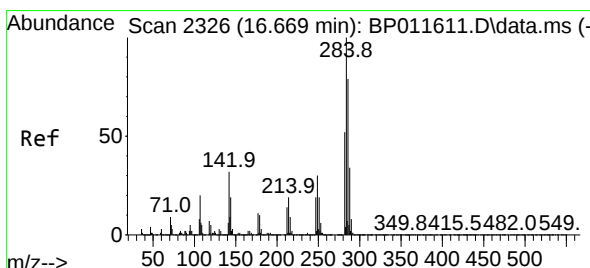
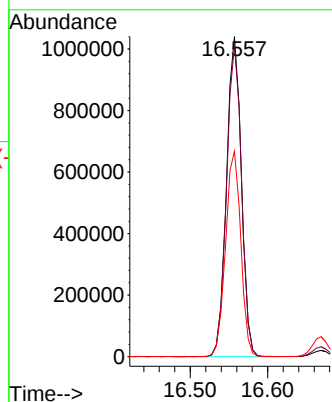
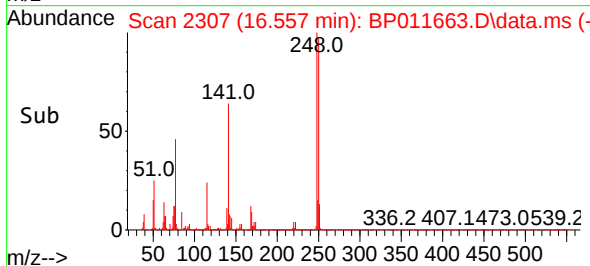
Instrument :
BNA_P
ClientSampleId :
PB147541BS



Tgt Ion:248 Resp: 1388793
Ion Ratio Lower Upper
248 100
250 97.3 77.7 116.5
141 64.2 62.0 93.0

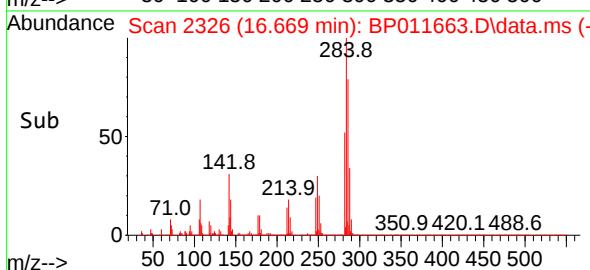
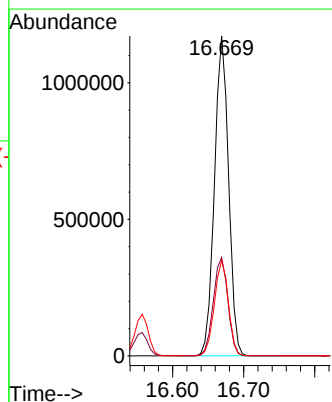
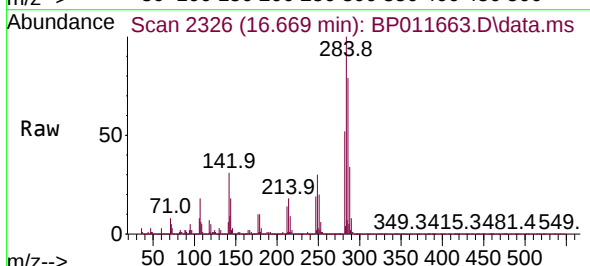
Manual Integrations
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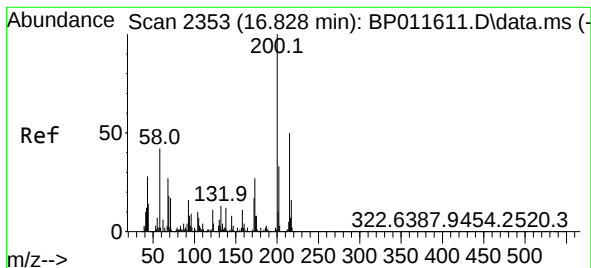
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#68
Hexachlorobenzene
Concen: 46.557 ng
RT: 16.669 min Scan# 2326
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Tgt Ion:284 Resp: 1617018
Ion Ratio Lower Upper
284 100
142 30.8 30.8 46.2#
249 29.9 26.8 40.2





#69

Atrazine

Concen: 50.018 ng

RT: 16.834 min Scan# 2353

Delta R.T. 0.018 min

Lab File: BP011663.D

Acq: 09 Sep 2022 14:51

Instrument :

BNA_P

ClientSampleId :

PB147541BS

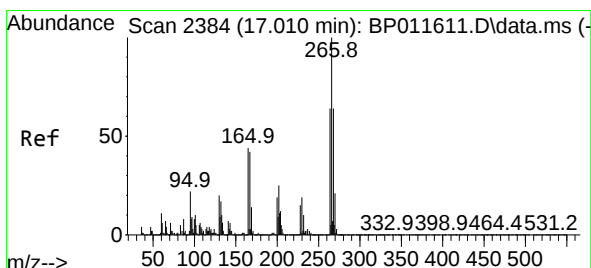
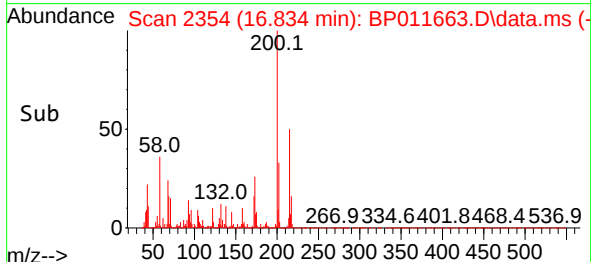
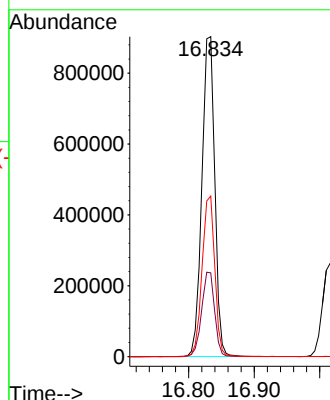
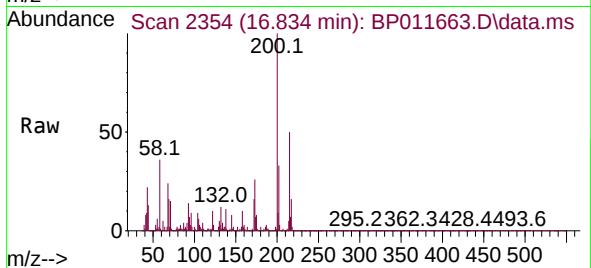
Tgt Ion:200 Resp: 1224825
 Ion Ratio Lower Upper
 200 100
 173 26.2 5.3 45.3
 215 50.2 29.4 69.4

Manual Integrations

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Reviewed By :Christian Giraldo 09/12/2022

Supervised By :Jagrut Upadhyay 09/12/2022



#70

Pentachlorophenol

Concen: 111.495 ng

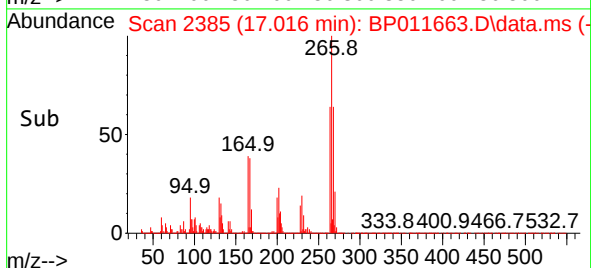
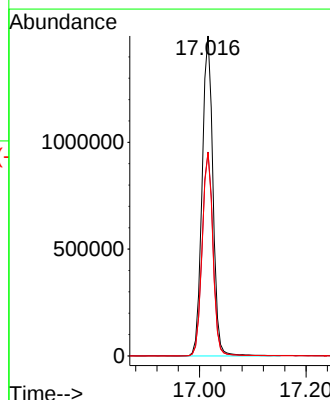
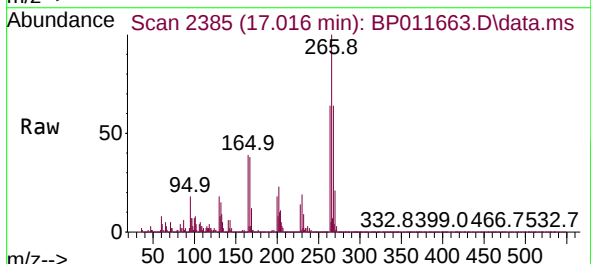
RT: 17.016 min Scan# 2385

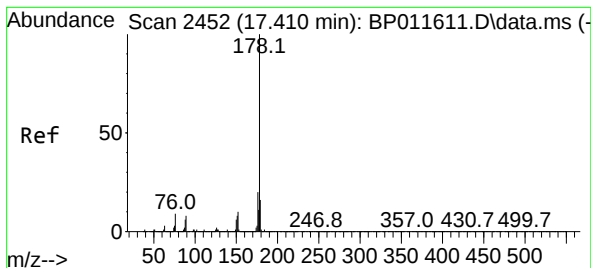
Delta R.T. 0.012 min

Lab File: BP011663.D

Acq: 09 Sep 2022 14:51

Tgt Ion:266 Resp: 2105145
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.5 75.7
 264 63.6 50.4 75.6





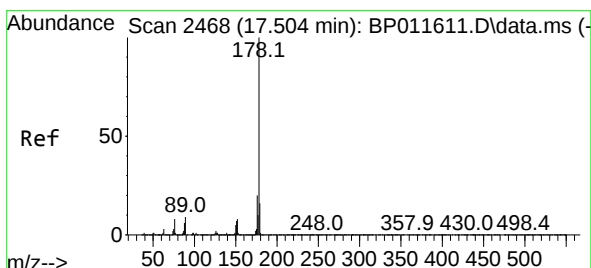
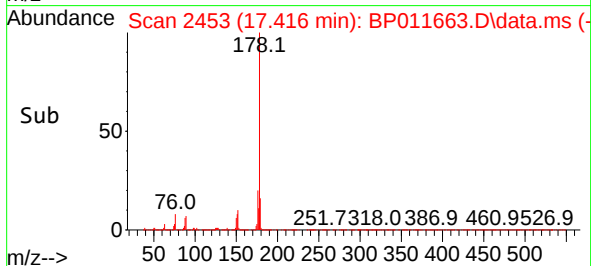
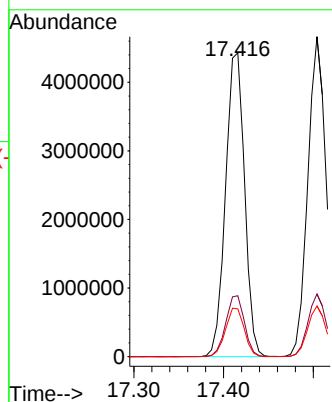
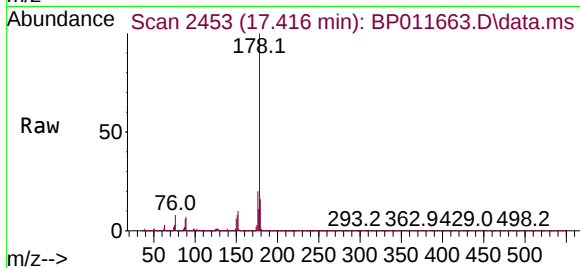
#71
Phenanthrene
Concen: 43.245 ng
RT: 17.416 min Scan# 2452
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Instrument :
BNA_P
ClientSampleId :
PB147541BS

Tgt Ion:178 Resp: 6534863
Ion Ratio Lower Upper
178 100
176 20.0 14.7 22.1
179 15.7 12.2 18.2

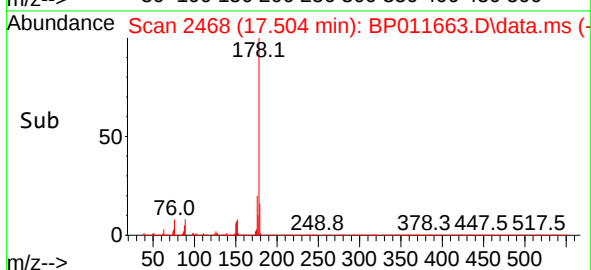
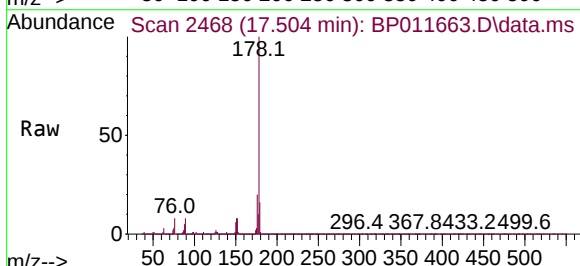
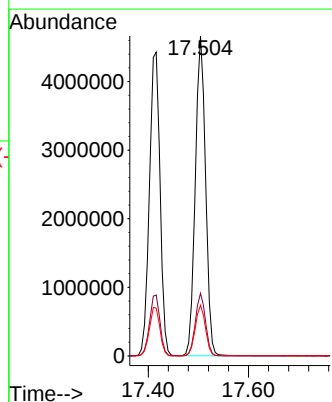
Manual Integrations
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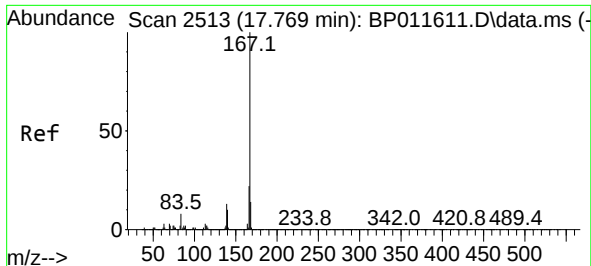
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#72
Anthracene
Concen: 46.091 ng
RT: 17.504 min Scan# 2468
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

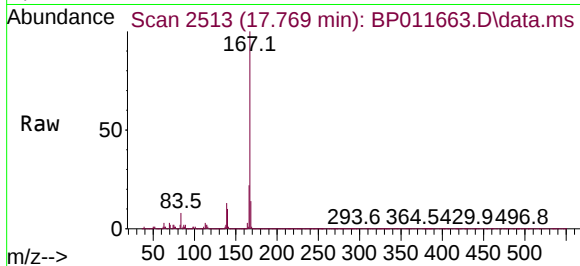
Tgt Ion:178 Resp: 6597971
Ion Ratio Lower Upper
178 100
176 19.6 14.5 21.7
179 15.8 12.2 18.4





#73
 Carbazole
 Concen: 46.395 ng
 RT: 17.769 min Scan# 2513
 Delta R.T. 0.006 min
 Lab File: BP011663.D
 Acq: 09 Sep 2022 14:51

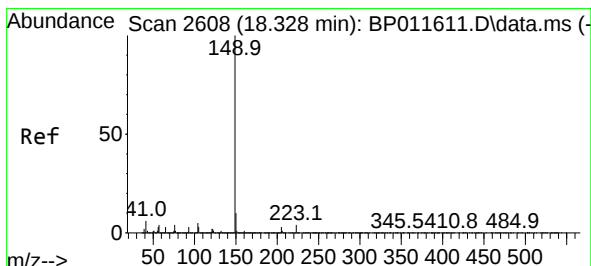
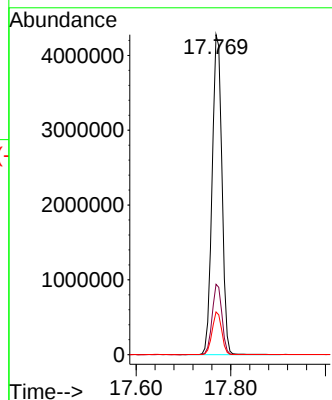
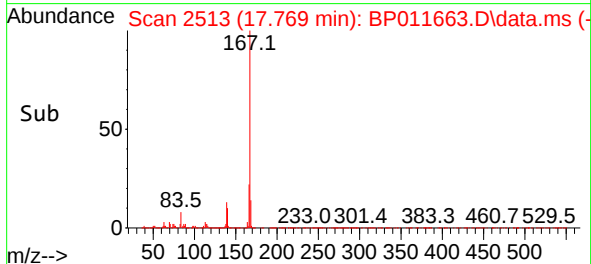
Instrument :
 BNA_P
 ClientSampleId :
 PB147541BS



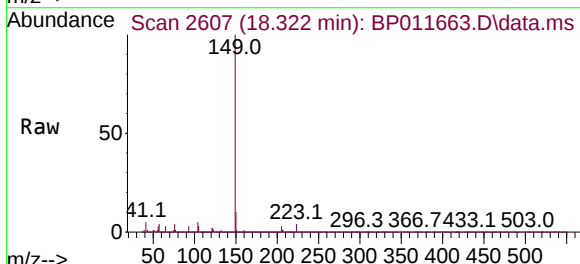
Tgt Ion:167 Resp: 6144724
 Ion Ratio Lower Upper
 167 100
 166 22.0 16.9 25.3
 139 13.3 10.6 15.8

Manual Integrations
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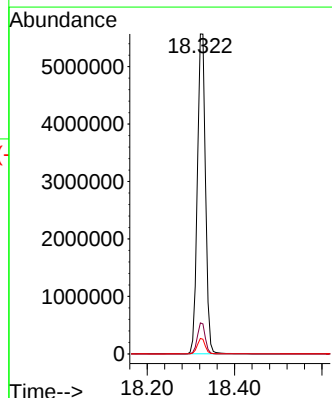
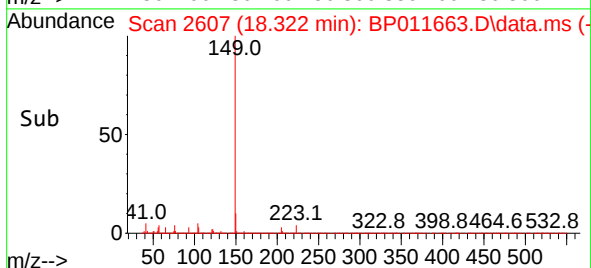
Reviewed By :Christian Giraldo 09/12/2022
 Supervised By :Jagrut Upadhyay 09/12/2022

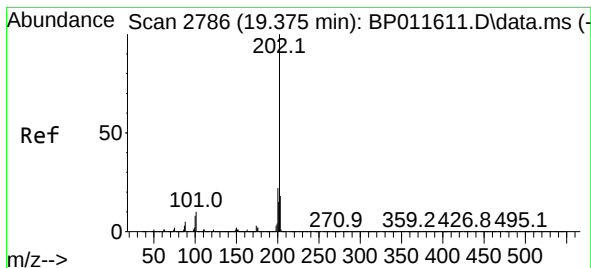


#74
 Di-n-butylphthalate
 Concen: 47.976 ng
 RT: 18.322 min Scan# 2607
 Delta R.T. 0.012 min
 Lab File: BP011663.D
 Acq: 09 Sep 2022 14:51



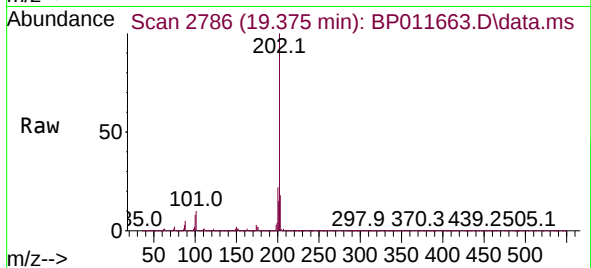
Tgt Ion:149 Resp: 7172830
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 4.8 4.8 7.2





#75
Fluoranthene
Concen: 45.682 ng
RT: 19.375 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

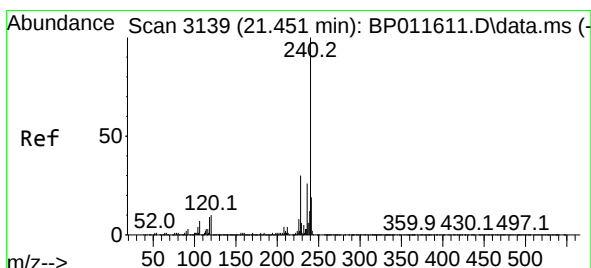
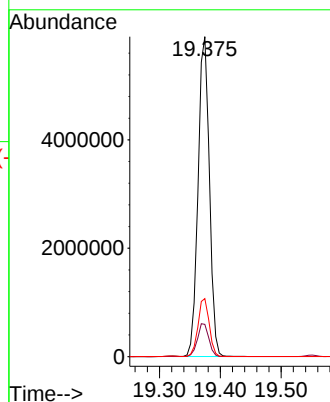
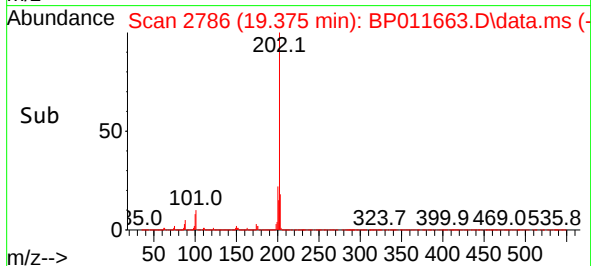
Instrument :
BNA_P
ClientSampleId :
PB147541BS



Tgt Ion:202 Resp: 7609928
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 18.1 0.0 36.9

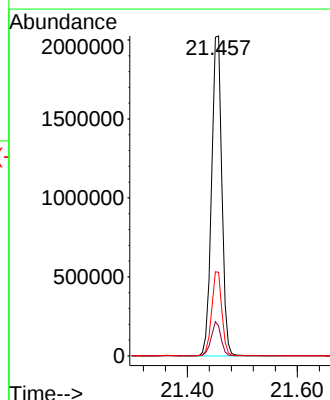
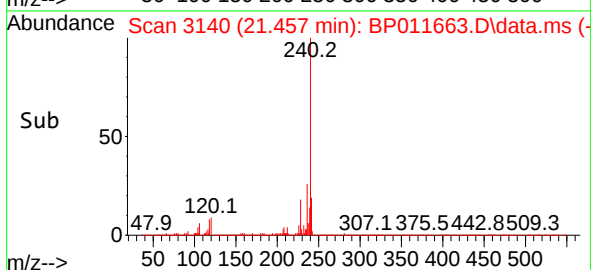
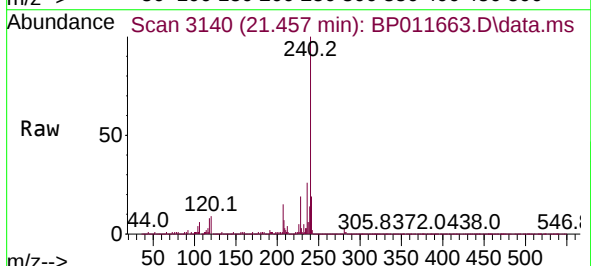
Manual Integrations
APPROVED

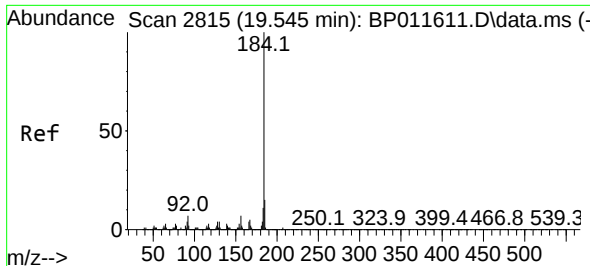
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3140
Delta R.T. 0.018 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

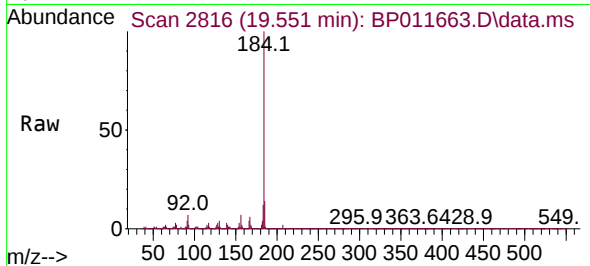
Tgt Ion:240 Resp: 2623777
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 26.1 19.8 29.6





#77
Benzidine
Concen: 108.981 ng
RT: 19.551 min Scan# 2815
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

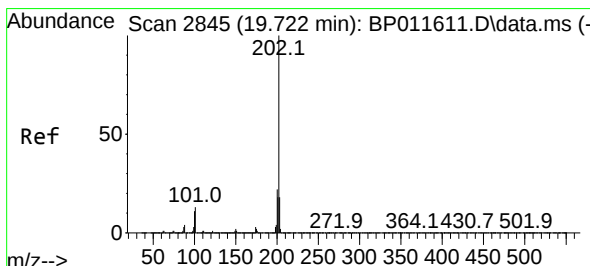
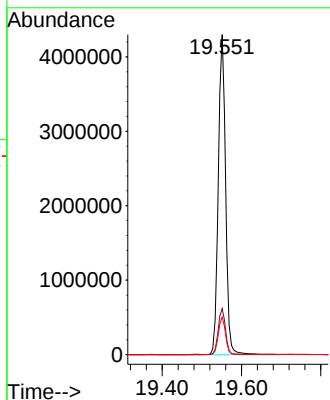
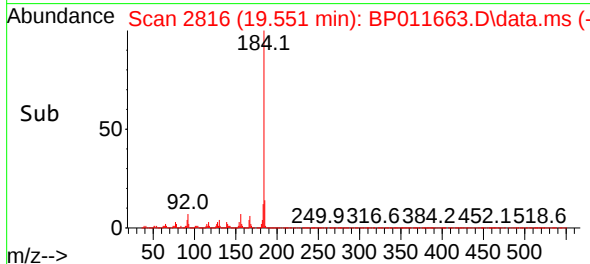
Instrument :
BNA_P
ClientSampleId :
PB147541BS



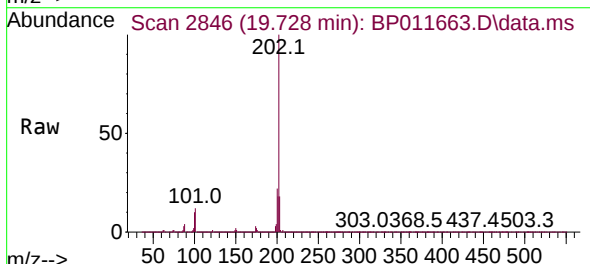
Tgt Ion:184 Resp: 5465503
Ion Ratio Lower Upper
184 100
185 14.4 10.7 16.1
183 11.7 9.0 13.6

Manual Integrations
APPROVED

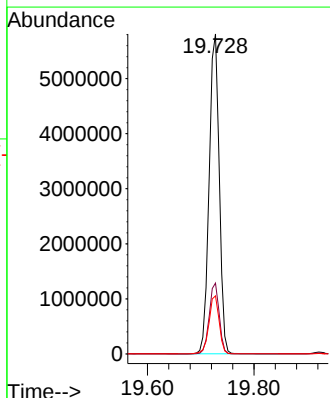
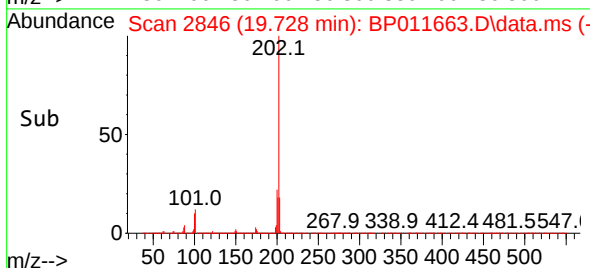
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

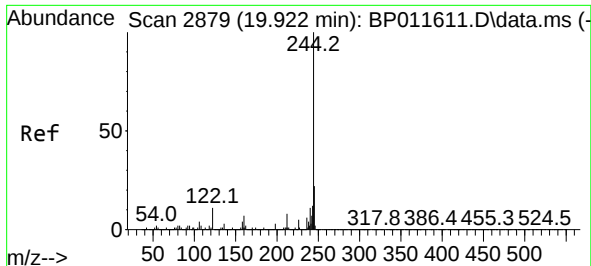


#78
Pyrene
Concen: 44.042 ng
RT: 19.728 min Scan# 2846
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51



Tgt Ion:202 Resp: 7680879
Ion Ratio Lower Upper
202 100
200 22.1 16.3 24.5
203 18.1 14.2 21.4





#79
 Terphenyl-d14
 Concen: 91.311 ng
 RT: 19.922 min Scan# 2879
 Delta R.T. 0.012 min
 Lab File: BP011663.D
 Acq: 09 Sep 2022 14:51

Instrument :

BNA_P

ClientSampleId :

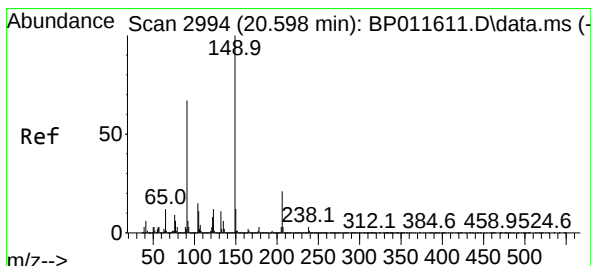
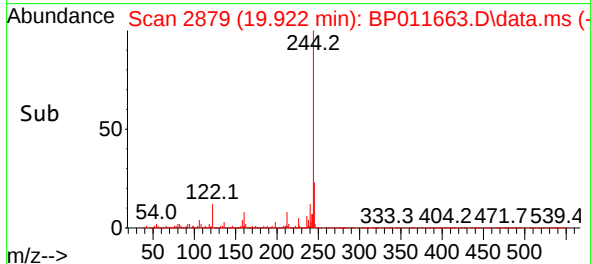
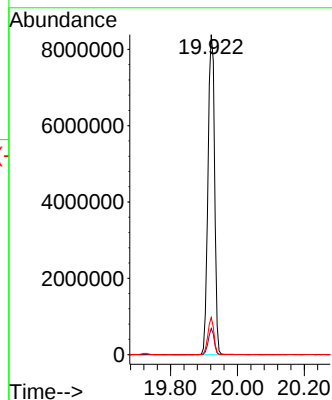
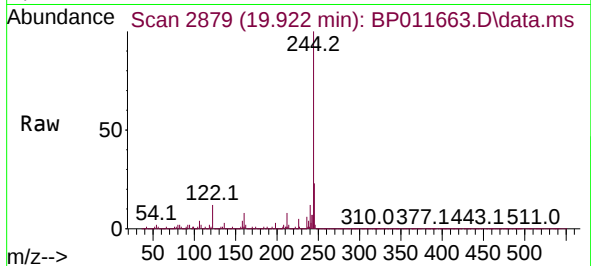
PB147541BS

Tgt Ion:244 Resp:11438489
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 11.6 7.6 11.4

Manual Integrations

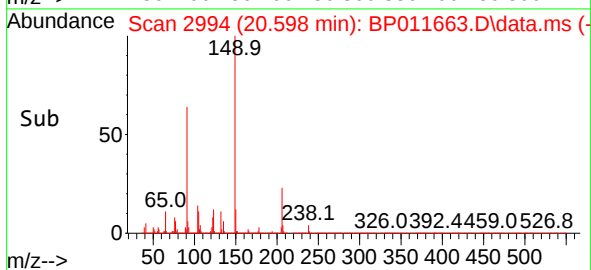
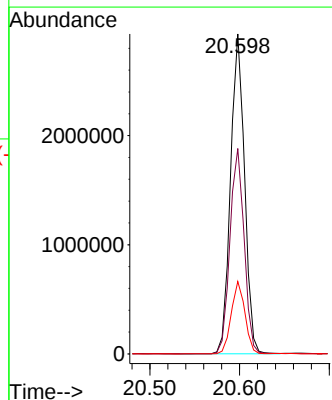
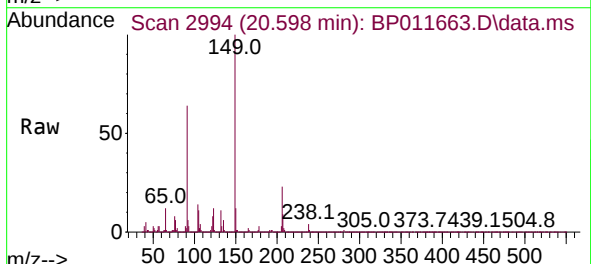
APPROVED

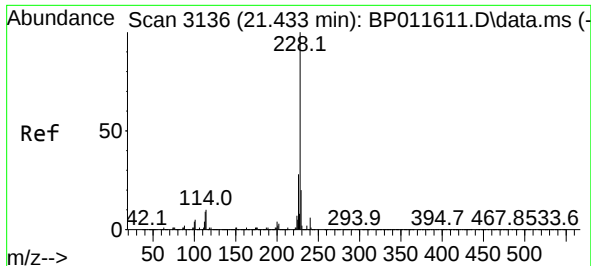
Reviewed By :Christian Giraldo 09/12/2022
 Supervised By :Jagrut Upadhyay 09/12/2022



#80
 Butylbenzylphthalate
 Concen: 45.643 ng
 RT: 20.598 min Scan# 2994
 Delta R.T. 0.012 min
 Lab File: BP011663.D
 Acq: 09 Sep 2022 14:51

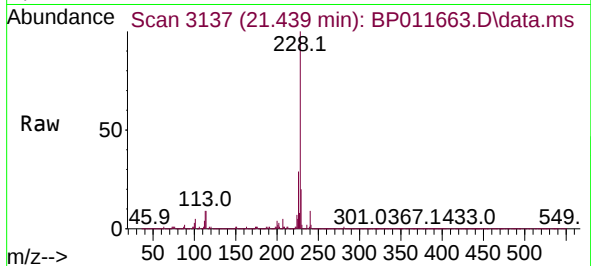
Tgt Ion:149 Resp: 3171561
 Ion Ratio Lower Upper
 149 100
 91 64.2 62.5 93.7
 206 22.6 17.0 25.4





#81
Benzo(a)anthracene
Concen: 44.374 ng
RT: 21.439 min Scan# 3136
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

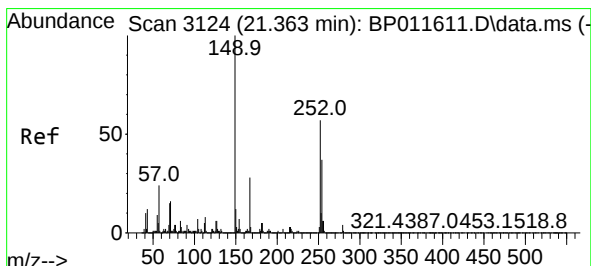
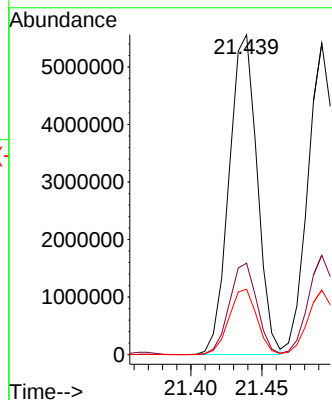
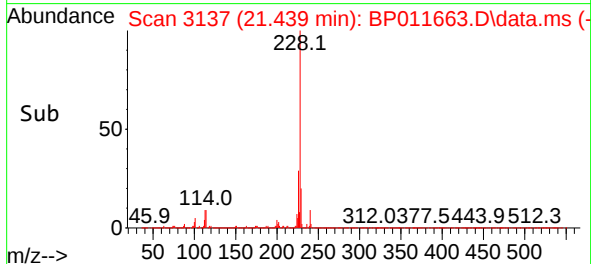
Instrument :
BNA_P
ClientSampleId :
PB147541BS



Tgt Ion:228 Resp: 7642859
Ion Ratio Lower Upper
228 100
226 28.6 20.8 31.2
229 20.4 15.2 22.8

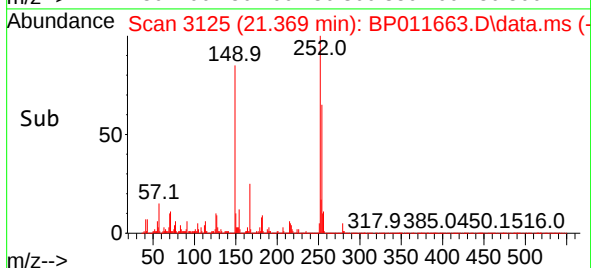
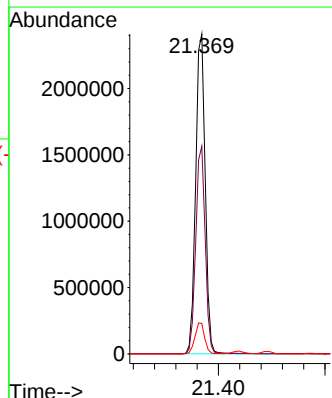
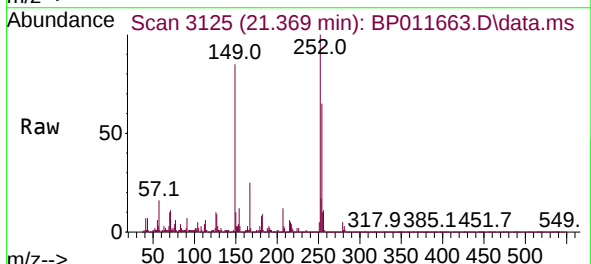
Manual Integrations
APPROVED

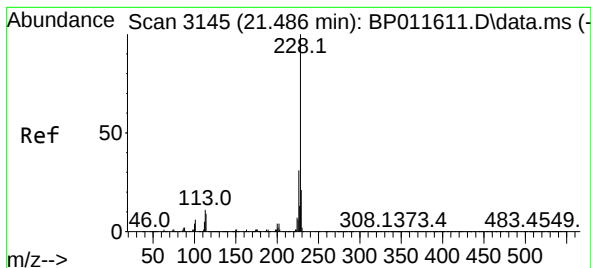
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#82
3,3'-Dichlorobenzidine
Concen: 53.281 ng
RT: 21.369 min Scan# 3125
Delta R.T. 0.018 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Tgt Ion:252 Resp: 2993598
Ion Ratio Lower Upper
252 100
254 64.9 51.1 76.7
126 9.6 8.4 12.6





#83

Chrysene

Concen: 43.454 ng

RT: 21.492 min Scan# 3145

Delta R.T. 0.012 min

Lab File: BP011663.D

Acq: 09 Sep 2022 14:51

Instrument :

BNA_P

ClientSampleId :

PB147541BS

Tgt Ion:228 Resp: 708160

Ion Ratio Lower Upper

228 100

226 31.9 23.4 35.2

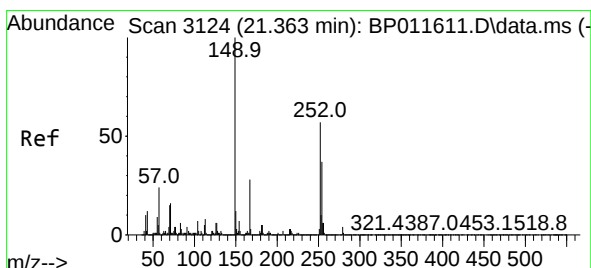
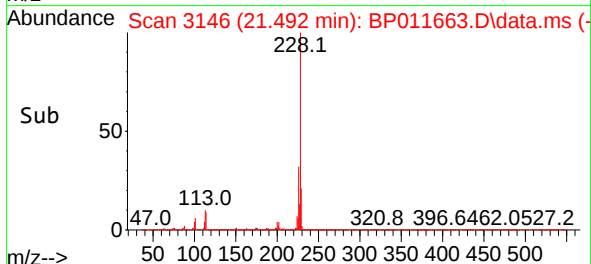
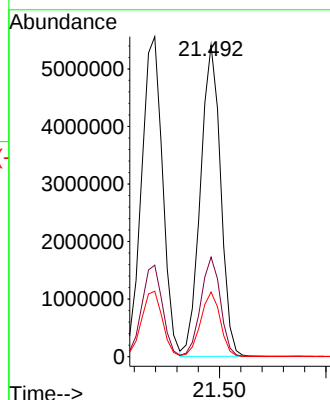
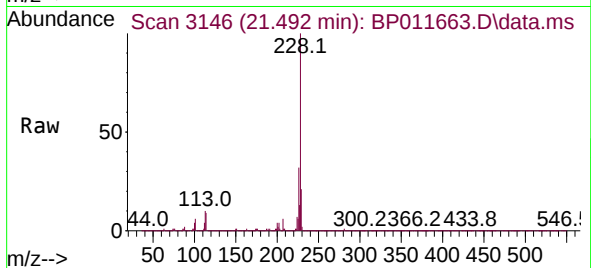
229 20.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/12/2022

Supervised By :Jagrut Upadhyay 09/12/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.229 ng

RT: 21.357 min Scan# 3123

Delta R.T. 0.006 min

Lab File: BP011663.D

Acq: 09 Sep 2022 14:51

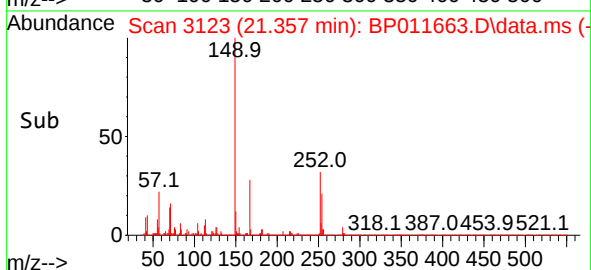
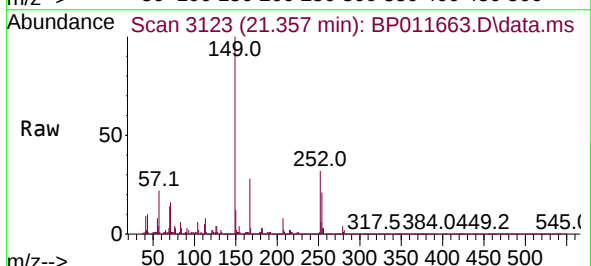
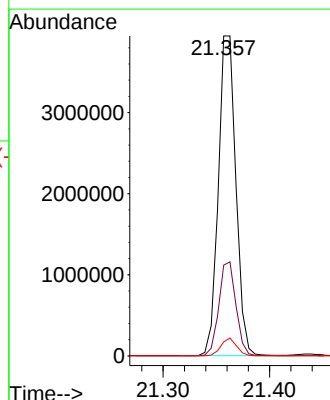
Tgt Ion:149 Resp: 4525706

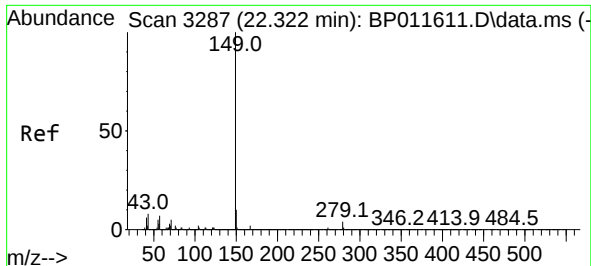
Ion Ratio Lower Upper

149 100

167 28.4 21.8 32.8

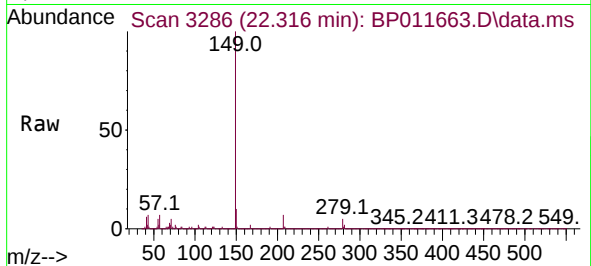
279 4.4 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 47.872 ng
RT: 22.316 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

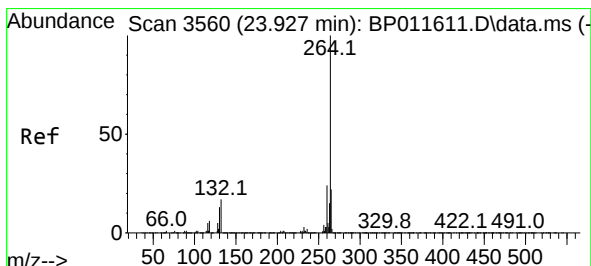
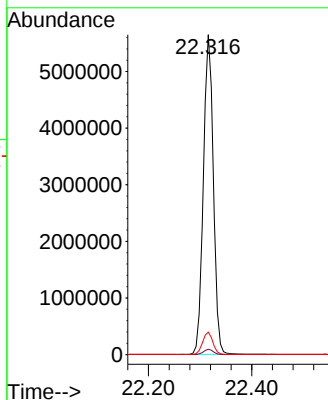
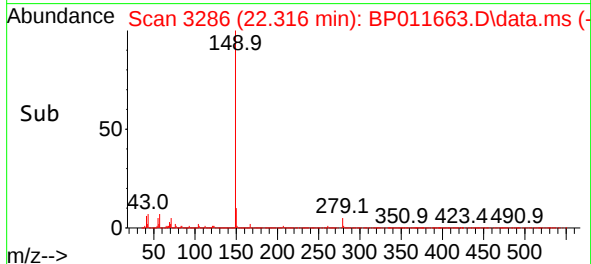
Instrument :
BNA_P
ClientSampleId :
PB147541BS



Tgt Ion:149 Resp: 7561376
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.2 10.0 15.0

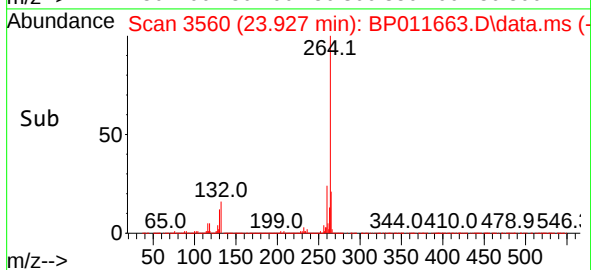
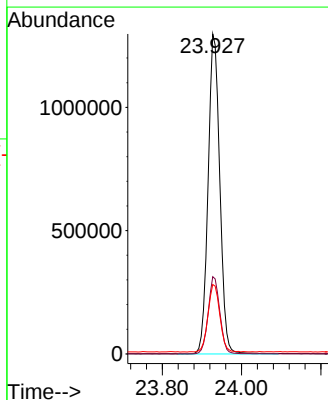
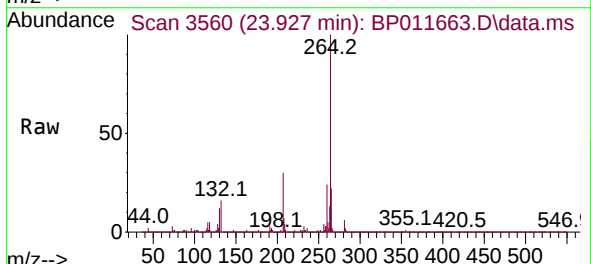
Manual Integrations
APPROVED

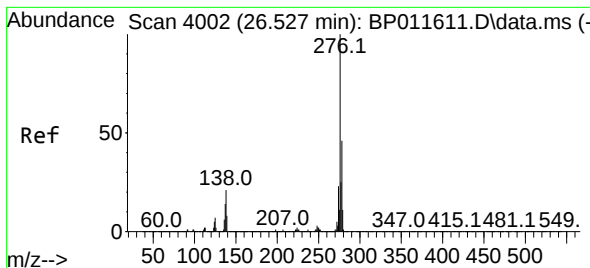
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3560
Delta R.T. 0.018 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Tgt Ion:264 Resp: 2660470
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.7 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.125 ng

RT: 26.533 min Scan# 4003

Delta R.T. 0.029 min

Lab File: BP011663.D

Acq: 09 Sep 2022 14:51

Instrument :

BNA_P

ClientSampleId :

PB147541BS

Tgt Ion:276 Resp: 9135254

Ion Ratio Lower Upper

276 100

138 22.9 17.5 26.3

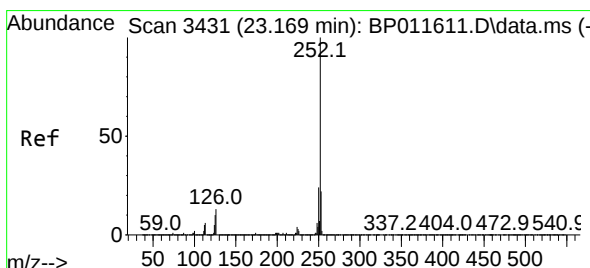
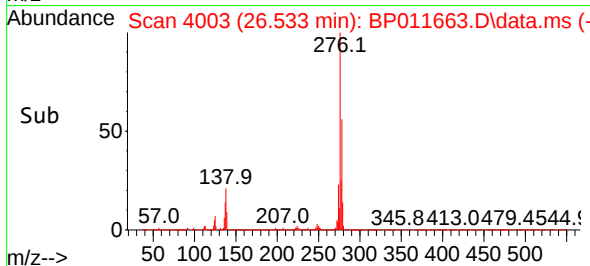
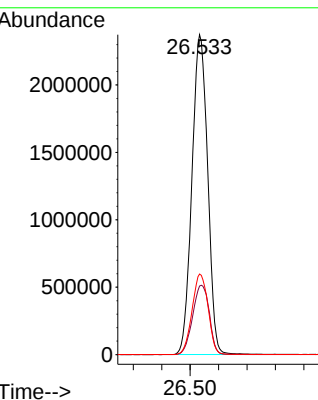
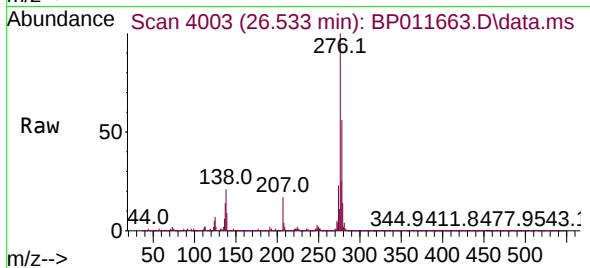
277 25.5 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/12/2022

Supervised By :Jagrut Upadhyay 09/12/2022



#88

Benzo(b)fluoranthene

Concen: 48.392 ng

RT: 23.174 min Scan# 3432

Delta R.T. 0.018 min

Lab File: BP011663.D

Acq: 09 Sep 2022 14:51

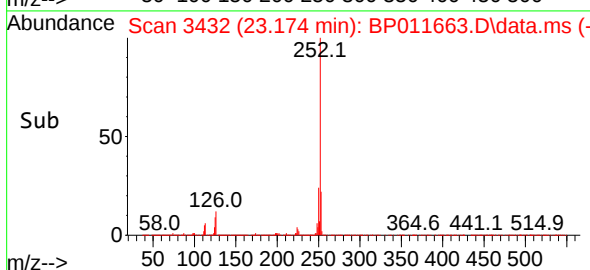
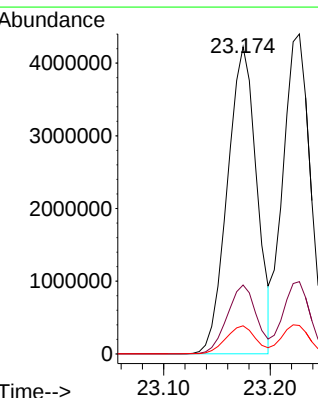
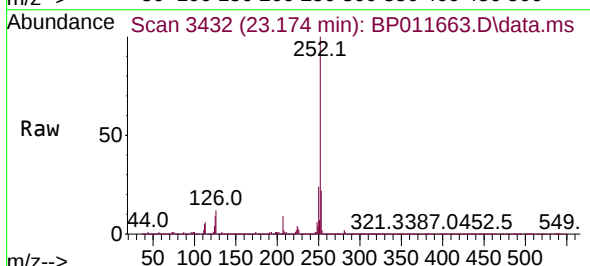
Tgt Ion:252 Resp: 8076878

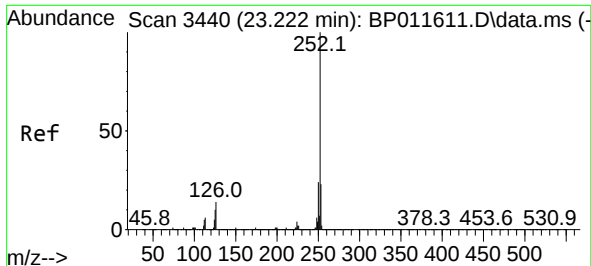
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

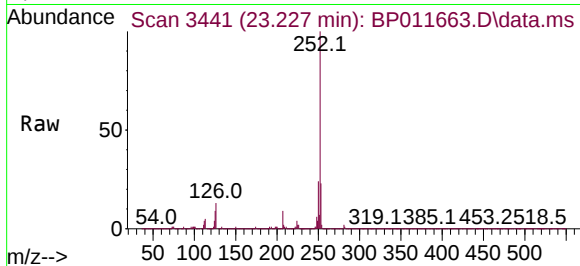
125 9.1 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 45.708 ng
RT: 23.227 min Scan# 3440
Delta R.T. 0.018 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

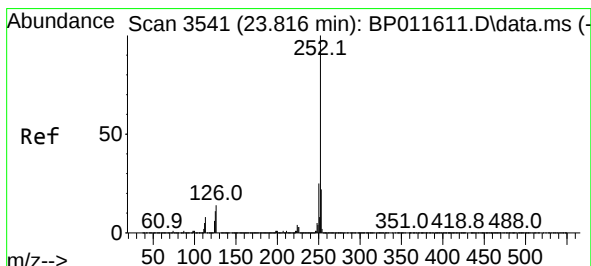
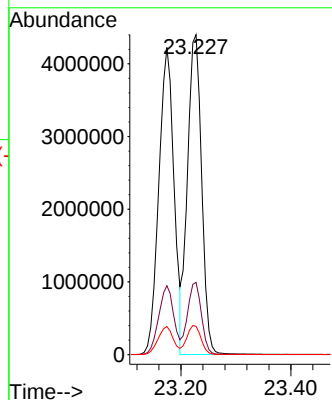
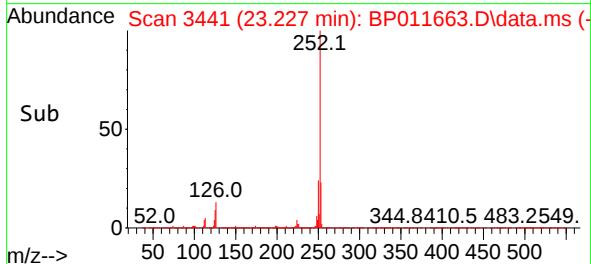
Instrument :
BNA_P
ClientSampleId :
PB147541BS



Tgt Ion:252 Resp: 7870078
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 8.9 7.0 10.4

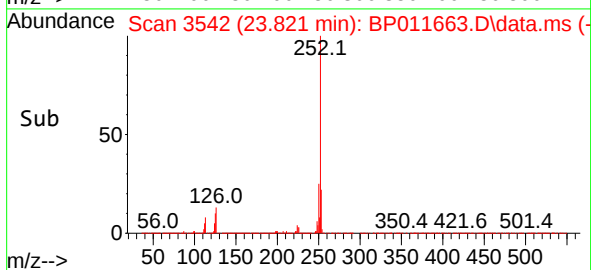
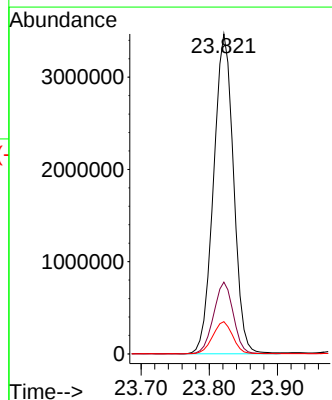
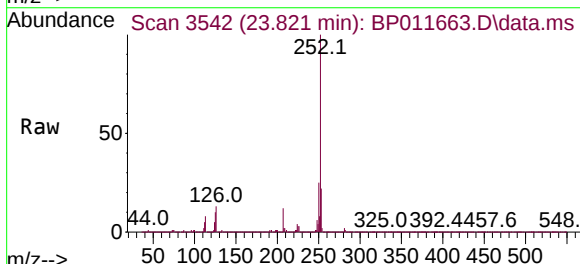
Manual Integrations
APPROVED

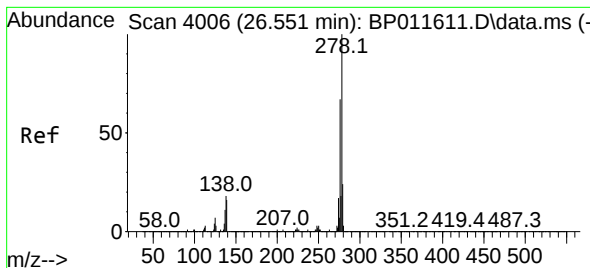
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#90
Benzo(a)pyrene
Concen: 50.975 ng
RT: 23.821 min Scan# 3542
Delta R.T. 0.018 min
Lab File: BP011663.D
Acq: 09 Sep 2022 14:51

Tgt Ion:252 Resp: 7029825
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 10.1 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 47.524 ng

RT: 26.557 min Scan# 4006

Delta R.T. 0.035 min

Lab File: BP011663.D

Acq: 09 Sep 2022 14:51

Instrument :

BNA_P

ClientSampleId :

PB147541BS

Tgt Ion:278 Resp: 8070824

Ion Ratio Lower Upper

278 100

139 14.6 11.4 17.0

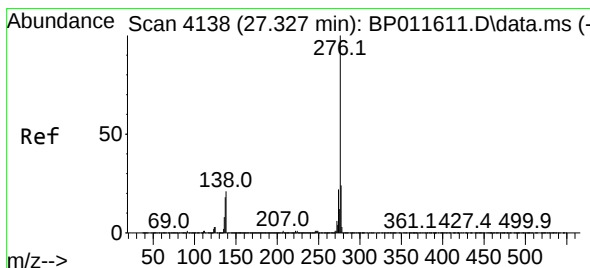
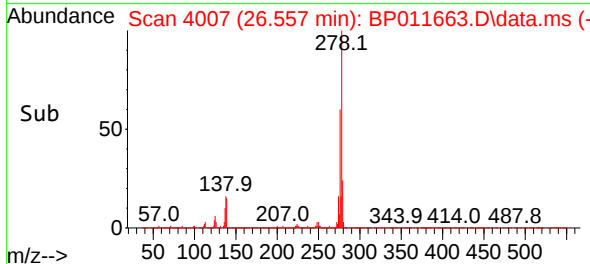
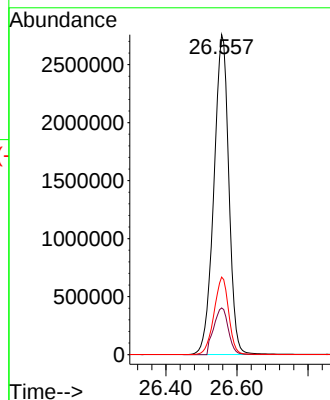
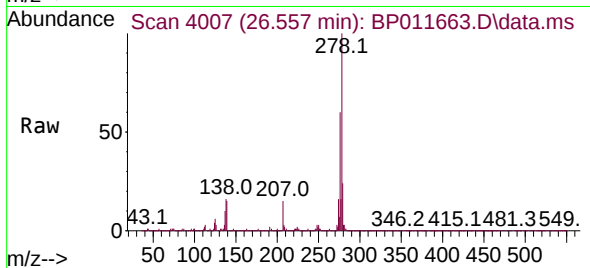
279 24.3 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/12/2022

Supervised By :Jagrut Upadhyay 09/12/2022



#92

Benzo(g,h,i)perylene

Concen: 47.679 ng

RT: 27.333 min Scan# 4139

Delta R.T. 0.035 min

Lab File: BP011663.D

Acq: 09 Sep 2022 14:51

Tgt Ion:276 Resp: 7784579

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 19.4 15.2 22.8

