

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008499.D
 Acq On : 18 Dec 2021 20:56
 Operator : CG/JU
 Sample : M5076-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-GMSD

Quant Time: Dec 20 00:54:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	59126	20.000	ng	-0.01
21) Naphthalene-d8	10.510	136	218276	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	136986	20.000	ng	-0.01
64) Phenanthrene-d10	17.140	188	269238	20.000	ng	-0.01
76) Chrysene-d12	21.251	240	272103	20.000	ng	-0.01
86) Perylene-d12	23.616	264	316376	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.323	112	347924	92.929	ng	0.00
7) Phenol-d6	6.922	99	470226	93.515	ng	0.00
23) Nitrobenzene-d5	8.887	82	330258	64.099	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	152829	75.917	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	655736	60.851	ng	-0.01
79) Terphenyl-d14	19.716	244	923130	59.044	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	62114	44.129	ng	97
3) Pyridine	3.628	79	163116	36.142	ng	99
4) n-Nitrosodimethylamine	3.540	42	87825	49.308	ng	95
6) Aniline	7.058	93	236435	40.624	ng	96
8) 2-Chlorophenol	7.293	128	175435	45.975	ng	98
9) Benzaldehyde	6.870	77	139526	51.261	ng	98
10) Phenol	6.946	94	245398	48.059	ng	96
11) bis(2-Chloroethyl)ether	7.152	93	179199	42.066	ng	98
12) 1,3-Dichlorobenzene	7.605	146	191367	43.366	ng	98
13) 1,4-Dichlorobenzene	7.752	146	193483	43.083	ng	96
14) 1,2-Dichlorobenzene	8.069	146	185723	42.657	ng	98
15) Benzyl Alcohol	7.975	79	185910m	45.963	ng	
16) 2,2'-oxybis(1-Chloropr...	8.258	45	274003	45.463	ng	98
17) 2-Methylphenol	8.193	107	153228	45.361	ng	97
18) Hexachloroethane	8.781	117	75696	45.435	ng	99
19) n-Nitroso-di-n-propyla...	8.534	70	147958	39.671	ng	98
20) 3+4-Methylphenols	8.522	107	203431	43.725	ng	97
22) Acetophenone	8.552	105	281069	43.786	ng	# 96
24) Nitrobenzene	8.928	77	222643	46.040	ng	99
25) Isophorone	9.458	82	373812	43.358	ng	99
26) 2-Nitrophenol	9.640	139	92572	43.317	ng	95
27) 2,4-Dimethylphenol	9.716	122	146220	47.712	ng	98
28) bis(2-Chloroethoxy)met...	9.934	93	230031	43.162	ng	99
29) 2,4-Dichlorophenol	10.199	162	167683	44.524	ng	99
30) 1,2,4-Trichlorobenzene	10.381	180	190074	42.574	ng	99
31) Naphthalene	10.563	128	499789	43.663	ng	100
32) Benzoic acid	9.940	122	107257m	47.741	ng	
33) 4-Chloroaniline	10.699	127	109777	23.941	ng	97
34) Hexachlorobutadiene	10.840	225	135967	41.662	ng	98
35) Caprolactam	11.516	113	49532	69.454	ng	92
36) 4-Chloro-3-methylphenol	11.846	107	185416	44.061	ng	97
37) 2-Methylnaphthalene	12.181	142	361474	45.819	ng	98
38) 1-Methylnaphthalene	12.405	142	332518	43.293	ng	99
40) 1,2,4,5-Tetrachloroben...	12.557	216	226606	43.299	ng	99
41) Hexachlorocyclopentadiene	12.528	237	97215	68.513	ng	99

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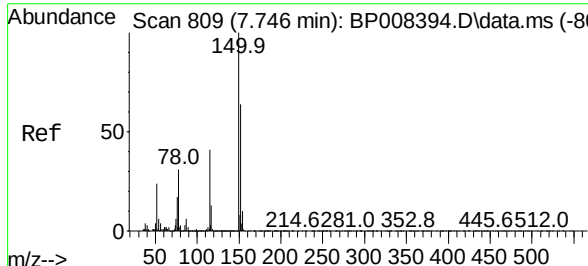
Quant Time: Dec 20 00:54:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.816	196	133808	40.695	ng	98
44) 2,4,5-Trichlorophenol	12.910	196	144188	42.046	ng	98
46) 1,1'-Biphenyl	13.204	154	468034	44.222	ng	97
47) 2-Chloronaphthalene	13.246	162	362104	42.895	ng	99
48) 2-Nitroaniline	13.475	65	129978	45.780	ng	98
49) Acenaphthylene	14.093	152	548568	44.206	ng	99
50) Dimethylphthalate	13.840	163	448071	43.201	ng	99
51) 2,6-Dinitrotoluene	13.969	165	96972	44.787	ng	97
52) Acenaphthene	14.440	154	328130	44.455	ng	99
53) 3-Nitroaniline	14.310	138	60275	29.550	ng	93
54) 2,4-Dinitrophenol	14.551	184	54640m	48.344	ng	
55) Dibenzofuran	14.775	168	533569	42.491	ng	97
56) 4-Nitrophenol	14.669	139	106757	90.160	ng	# 82
57) 2,4-Dinitrotoluene	14.775	165	134603	46.532	ng	# 77
58) Fluorene	15.428	166	421367	43.285	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	121986m	41.645	ng	
60) Diethylphthalate	15.210	149	442335	44.939	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	233819	42.037	ng	98
62) 4-Nitroaniline	15.481	138	81978	44.633	ng	89
63) Azobenzene	15.716	77	457783	45.876	ng	97
65) 4,6-Dinitro-2-methylph...	15.557	198	53916	30.650	ng	96
66) n-Nitrosodiphenylamine	15.646	169	362967	42.818	ng	100
67) 4-Bromophenyl-phenylether	16.322	248	145060	41.366	ng	98
68) Hexachlorobenzene	16.445	284	164486	42.591	ng	96
69) Atrazine	16.610	200	141276	75.652	ng	97
70) Pentachlorophenol	16.810	266	139733	80.960	ng	99
71) Phenanthrene	17.181	178	647938	44.427	ng	99
72) Anthracene	17.275	178	649487	45.137	ng	100
73) Carbazole	17.557	167	569114	43.221	ng	99
74) Di-n-butylphthalate	18.104	149	704833	46.656	ng	99
75) Fluoranthene	19.163	202	777682	47.230	ng	99
77) Benzidine	19.357	184	317105	114.890	ng	98
78) Pyrene	19.522	202	799082	41.046	ng	100
80) Butylbenzylphthalate	20.392	149	307453	43.377	ng	98
81) Benzo(a)anthracene	21.233	228	800389	43.891	ng	99
82) 3,3'-Dichlorobenzidine	21.169	252	236775	28.220	ng	99
83) Chrysene	21.286	228	783391	44.974	ng	99
84) Bis(2-ethylhexyl)phtha...	21.157	149	461092	46.202	ng	99
85) Di-n-octyl phthalate	22.063	149	807602	46.920	ng	100
87) Indeno(1,2,3-cd)pyrene	26.080	276	1205864	48.421	ng	97
88) Benzo(b)fluoranthene	22.892	252	895291	47.043	ng	99
89) Benzo(k)fluoranthene	22.939	252	879454	45.824	ng	98
90) Benzo(a)pyrene	23.510	252	901079	54.550	ng	98
91) Dibenzo(a,h)anthracene	26.086	278	1021860	49.016	ng	98
92) Benzo(g,h,i)perylene	26.833	276	1025350	49.668	ng	96

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



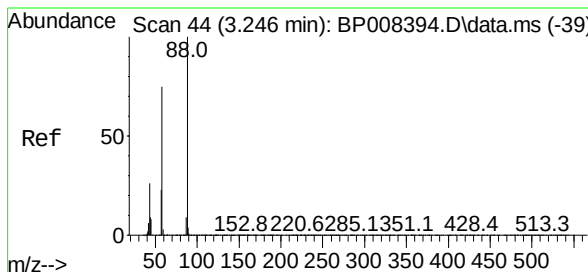
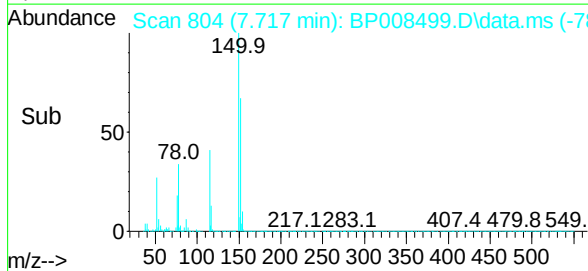
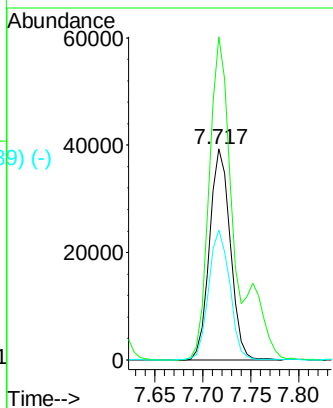
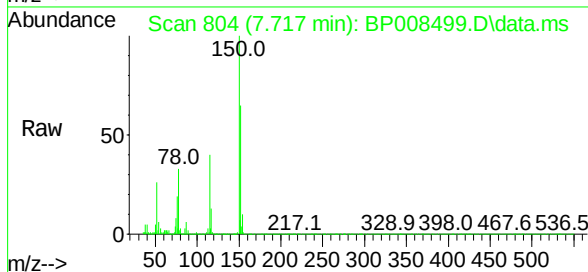
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.717 min Scan# 804
 Delta R.T. -0.011 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-GMSD

Tgt Ion: 152 Resp: 5912
 Ion Ratio Lower Upper
 152 100
 150 152.9 125.7 188.5
 115 61.5 50.7 76.1

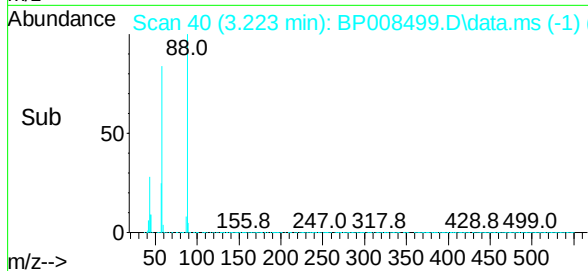
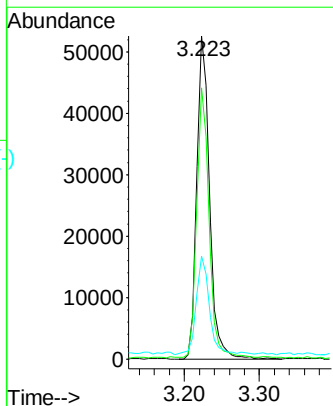
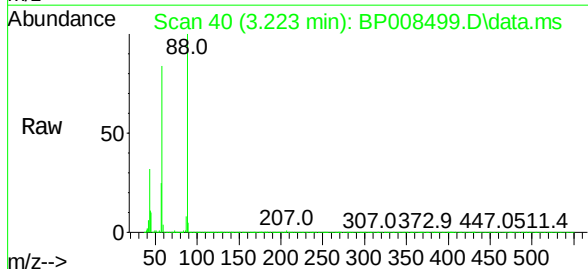
Manual Integrations
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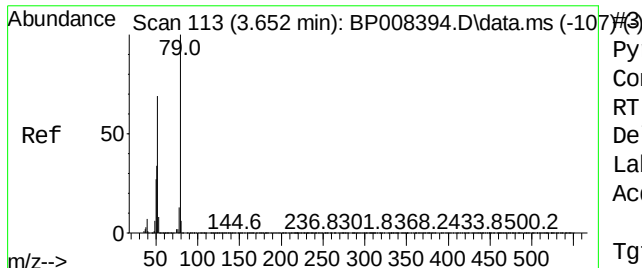
Reviewed By : Christian Giraldo 12/20/2021
 Supervised By : mohammad ahmed 12/27/2021



1,4-Dioxane
 Concen: 44.129 ng
 RT: 3.223 min Scan# 40
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion: 88 Resp: 62114
 Ion Ratio Lower Upper
 88 100
 58 81.4 63.5 95.3
 43 31.5 23.4 35.2





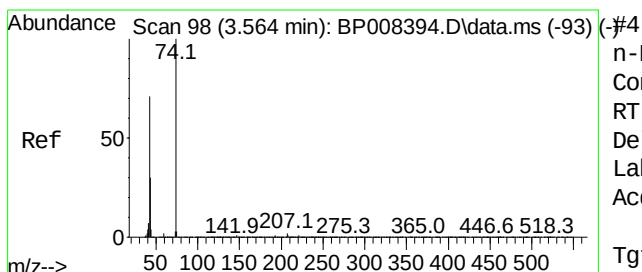
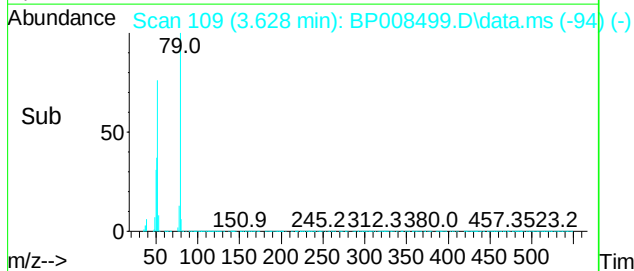
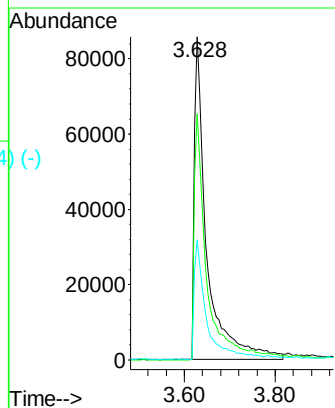
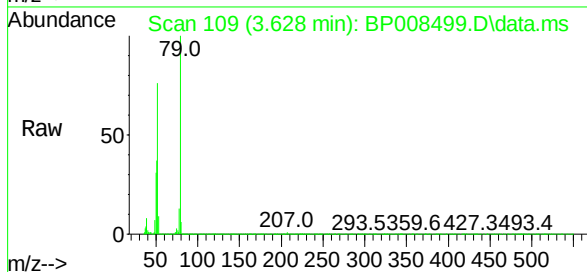
Pyridine
Concen: 36.142 ng
RT: 3.628 min Scan# 113
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :
BNA_P
ClientSampleId :
SB-15-GMSD

Tgt Ion: 79 Resp: 16312
Ion Ratio Lower Upper
79 100
52 76.3 60.0 90.0
51 37.2 29.6 44.4

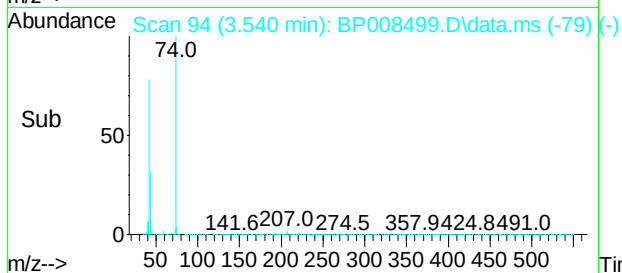
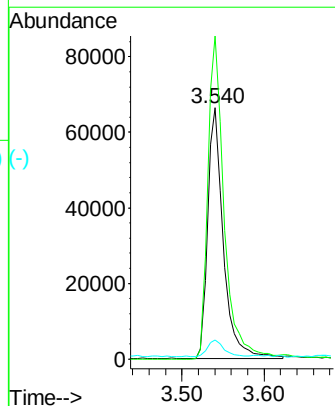
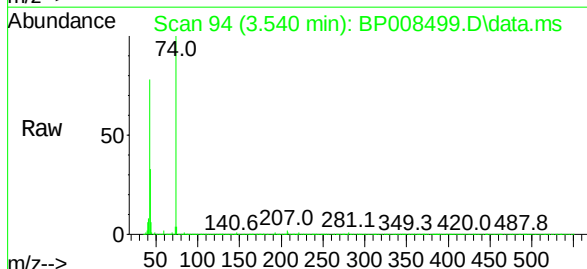
Manual Integrations
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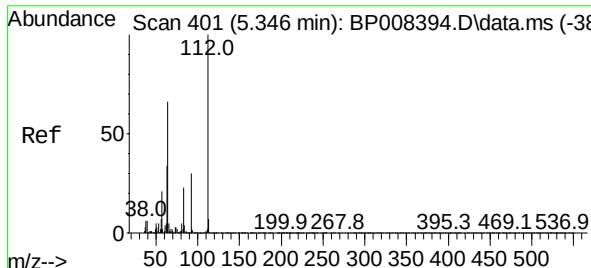
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



n-Nitrosodimethylamine
Concen: 49.308 ng
RT: 3.540 min Scan# 94
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion: 42 Resp: 87825
Ion Ratio Lower Upper
42 100
74 128.3 108.0 162.0
44 7.7 5.8 8.6





Scan 401 (5.346 min): BP008394.D\data.ms (-389) #5
 2-Fluorophenol
 Concen: 92.929 ng
 RT: 5.323 min Scan# 347
 Delta R.T. -0.006 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

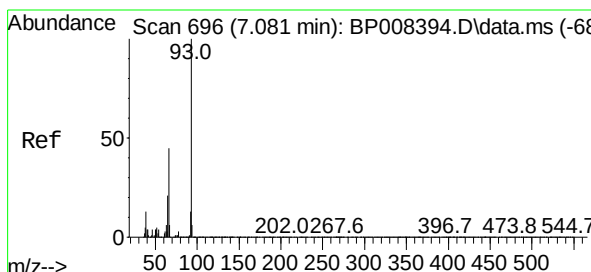
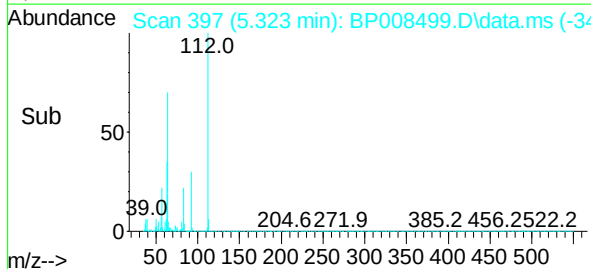
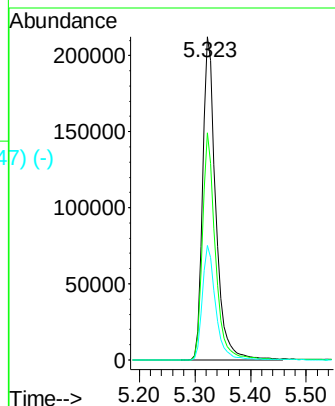
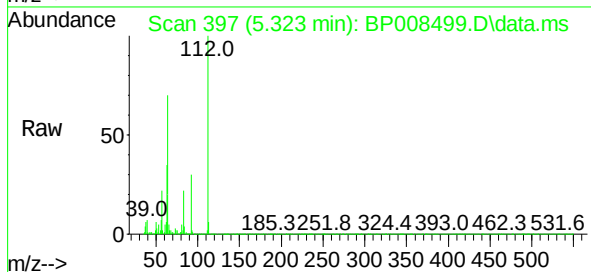
SB-15-GMSD

Tgt Ion:	112	Resp:	34792
Ion Ratio	Lower	Upper	
112	100		
64	70.3	53.4	80.2
63	35.4	27.8	41.8

Manual Integrations

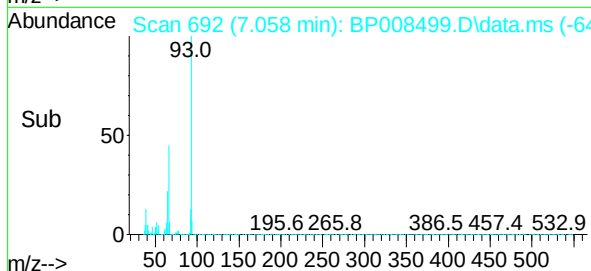
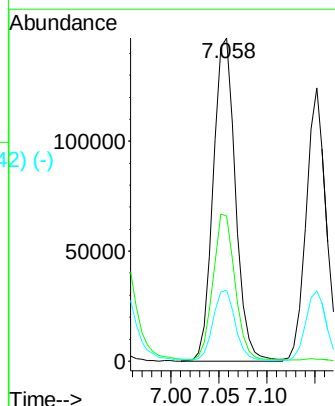
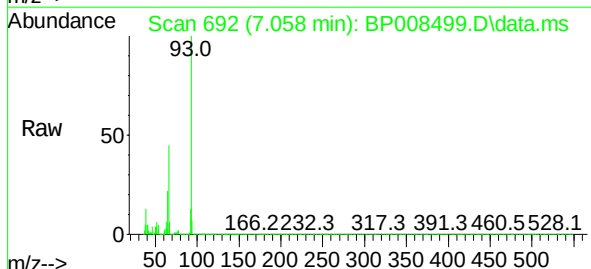
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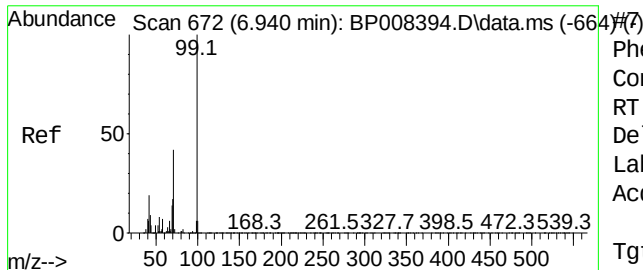
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 696 (7.081 min): BP008394.D\data.ms (-686) #6
 Aniline
 Concen: 40.624 ng
 RT: 7.058 min Scan# 692
 Delta R.T. -0.006 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion:	93	Resp:	236435
Ion Ratio	Lower	Upper	
93	100		
66	44.9	32.9	49.3
65	22.0	17.5	26.3





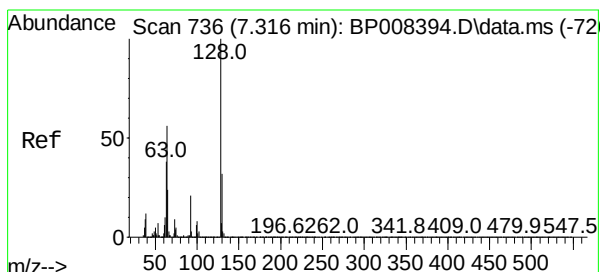
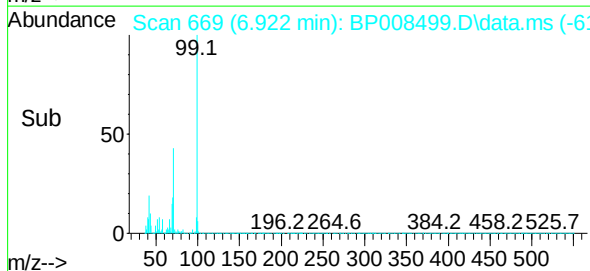
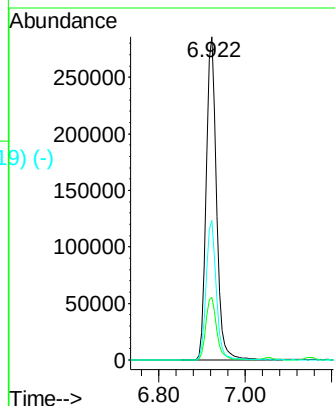
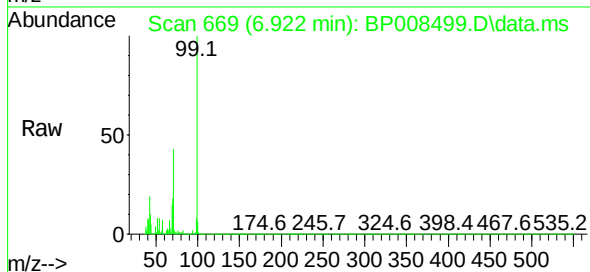
Phenol-d6
Concen: 93.515 ng
RT: 6.922 min Scan# 672
Delta R.T. -0.006 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :
BNA_P
ClientSampleId :
SB-15-GMSD

Tgt Ion: 99 Resp: 47022
Ion Ratio Lower Upper
99 100
42 19.5 14.6 22.0
71 43.2 31.1 46.7

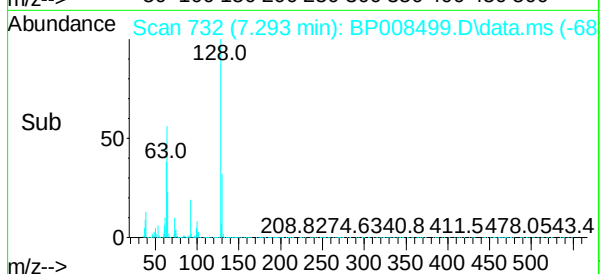
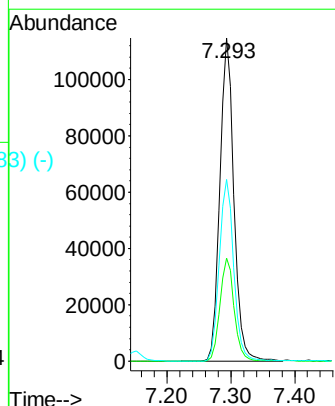
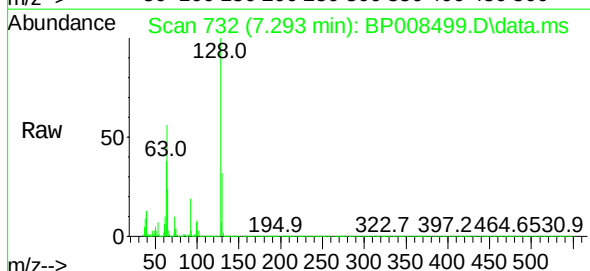
Manual Integrations
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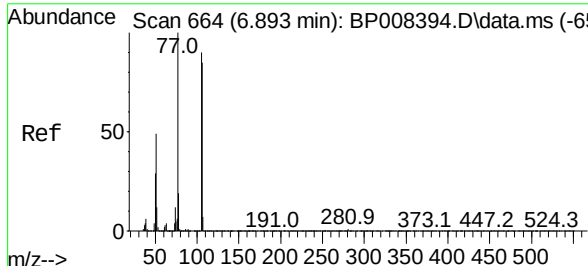
Reviewed By :Christian Giraldo 12/20/2021
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2-Chlorophenol
Concen: 45.975 ng
RT: 7.293 min Scan# 732
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:128 Resp: 175435
Ion Ratio Lower Upper
128 100
130 31.8 13.5 53.5
64 56.2 37.4 77.4





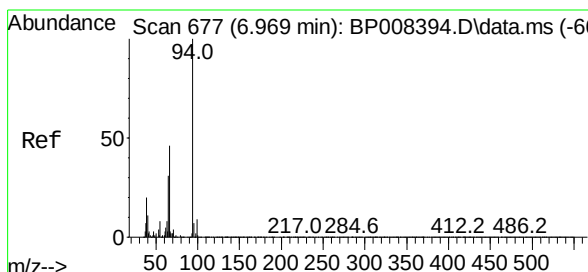
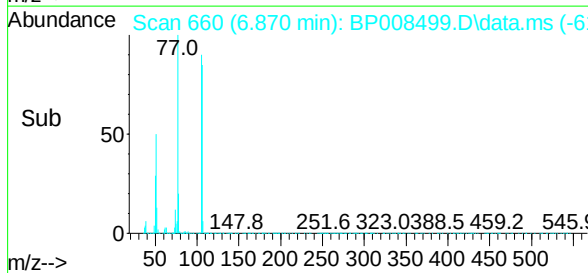
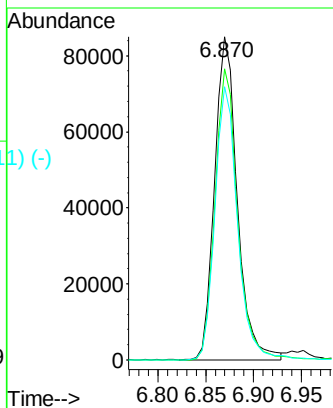
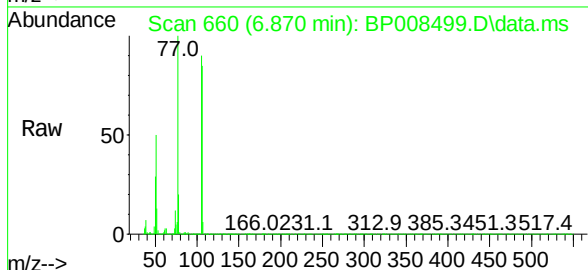
Scan 664 (6.893 min): BP008394.D\data.ms (-654) (-)
 Benzaldehyde
 Concen: 51.261 ng
 RT: 6.870 min Scan# 660
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :
 BNA_P
 Client Sample Id :
 SB-15-GMSD

Tgt Ion:	77	Resp:	13952
Ion	Ratio	Lower	Upper
77	100		
105	90.2	71.8	111.8
106	84.6	67.3	107.3

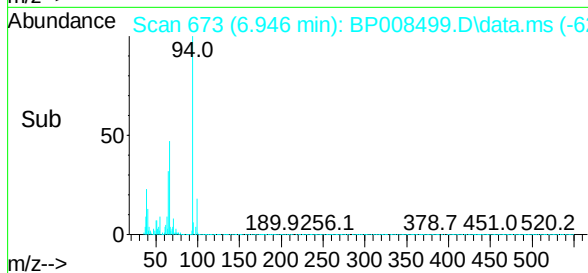
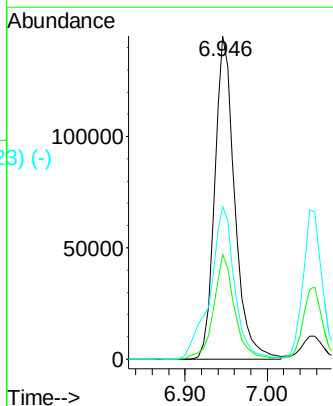
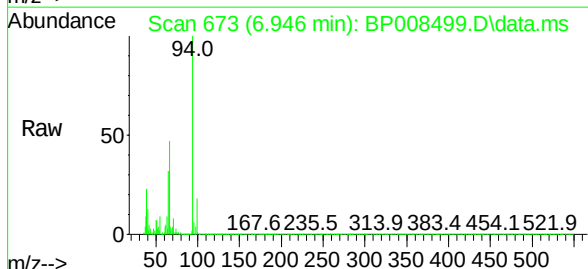
Manual Integrations
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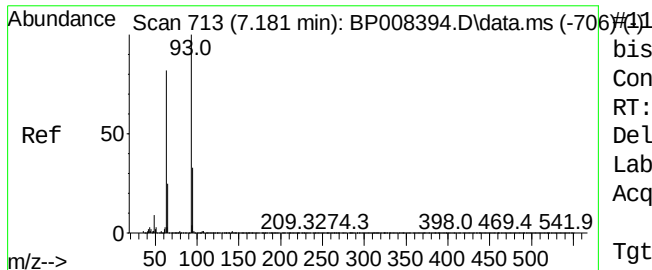
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 677 (6.969 min): BP008394.D\data.ms (-667) (-)
 Phenol
 Concen: 48.059 ng
 RT: 6.946 min Scan# 673
 Delta R.T. -0.006 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion:	94	Resp:	245398
Ion	Ratio	Lower	Upper
94	100		
65	32.4	10.9	50.9
66	47.3	24.3	64.3





bis(2-Chloroethyl)ether
 Concen: 42.066 ng
 RT: 7.152 min Scan# 713
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

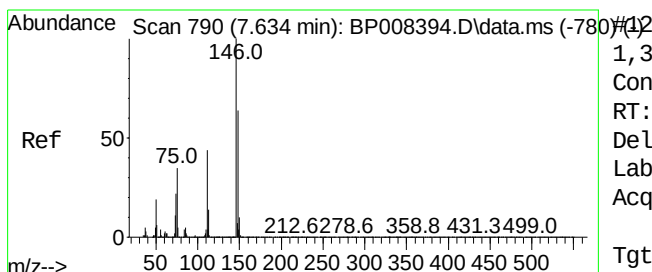
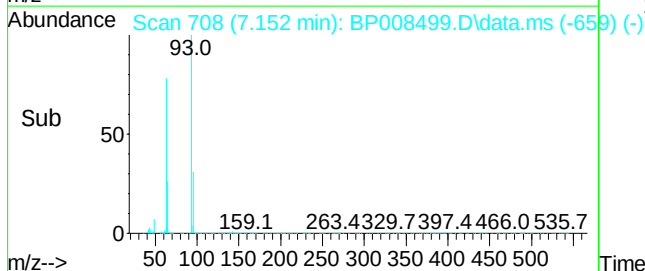
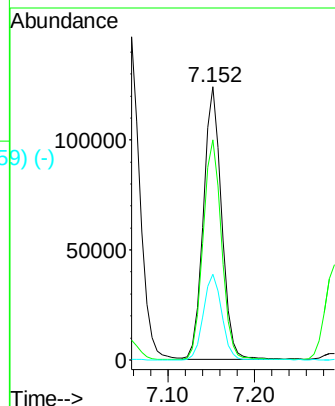
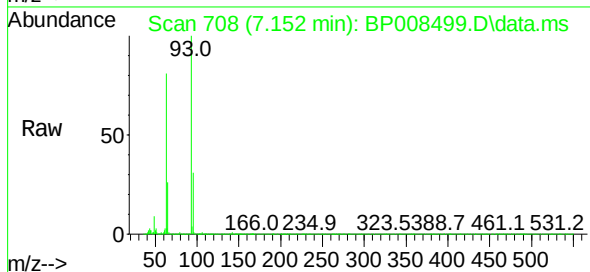
SB-15-GMSD

Tgt Ion: 93 Resp: 17919
 Ion Ratio Lower Upper
 93 100
 63 80.5 61.8 101.8
 95 31.4 12.5 52.5

Manual Integrations

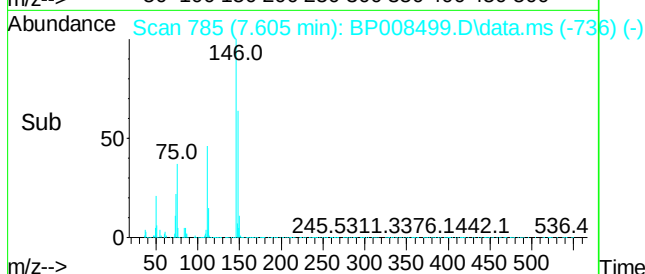
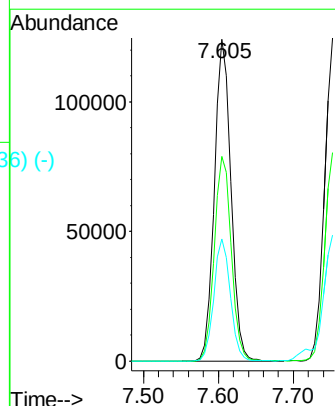
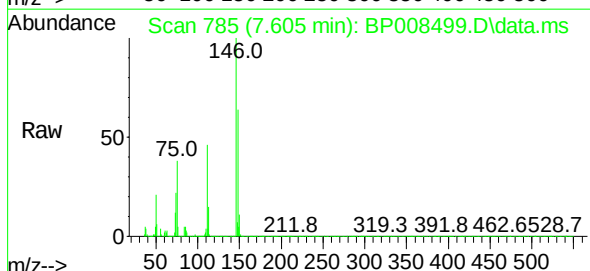
APPROVED

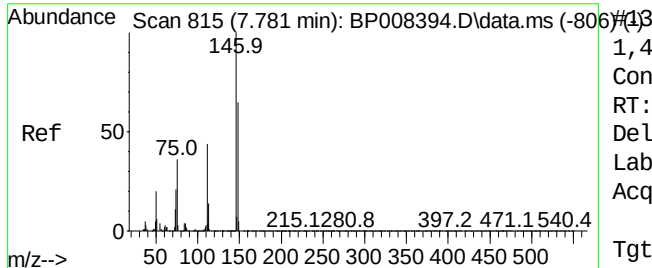
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



1,3-Dichlorobenzene
 Concen: 43.366 ng
 RT: 7.605 min Scan# 785
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion:146 Resp: 191367
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.9 77.9
 75 37.9 29.0 43.6





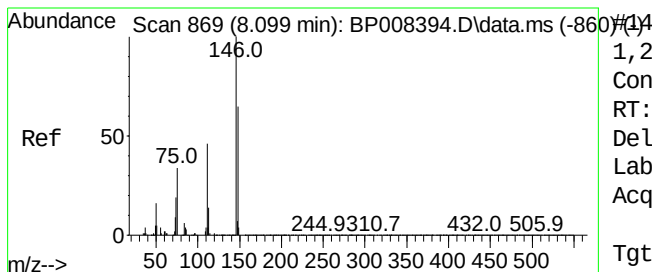
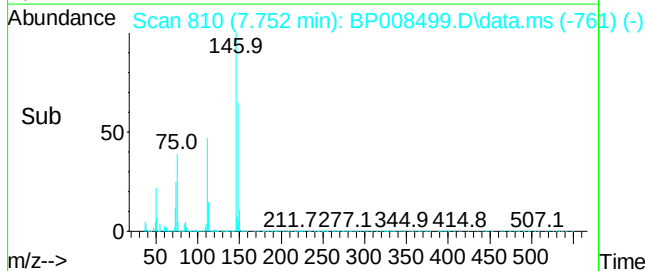
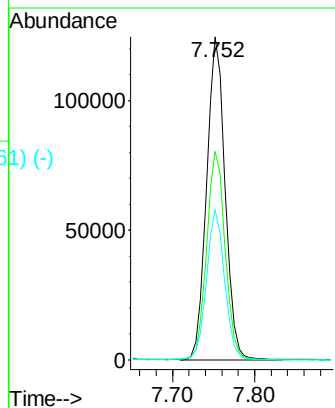
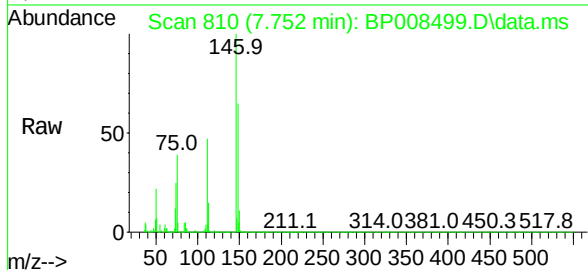
1,4-Dichlorobenzene
Concen: 43.083 ng
RT: 7.752 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :
BNA_P
ClientSampleId :
SB-15-GMSD

Tgt Ion:146 Resp: 19348
Ion Ratio Lower Upper
146 100
148 64.6 49.6 74.4
111 46.5 34.7 52.1

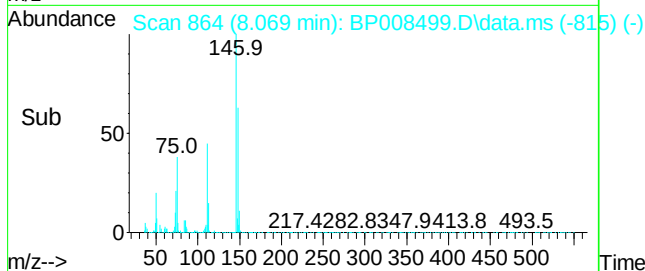
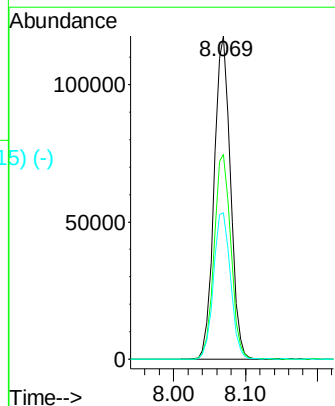
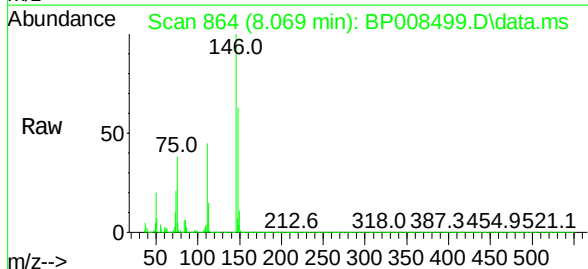
Manual Integrations
APPROVED

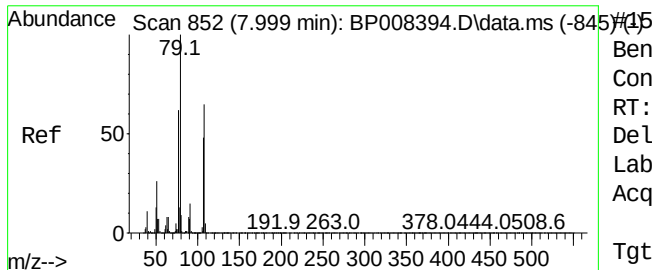
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1,2-Dichlorobenzene
Concen: 42.657 ng
RT: 8.069 min Scan# 864
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:146 Resp: 185723
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.6
111 45.4 35.0 52.6





Benzyl Alcohol
 Concen: 45.963 ng/ml
 RT: 7.975 min Scan# 848
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

Client Sample Id :

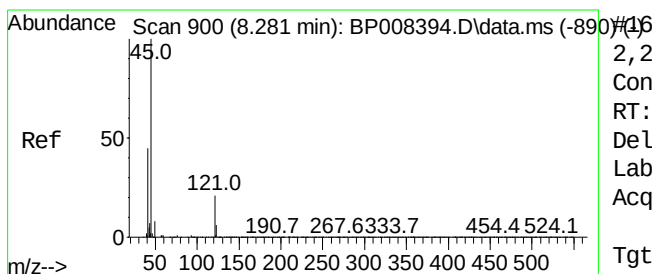
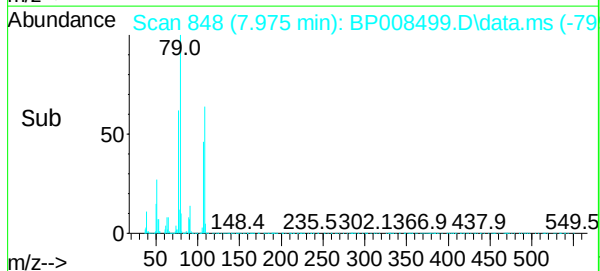
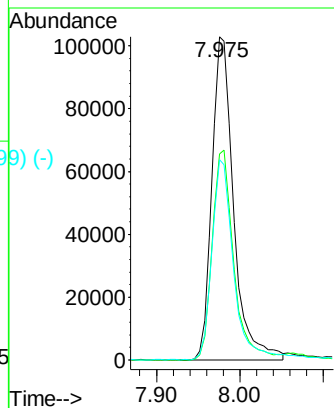
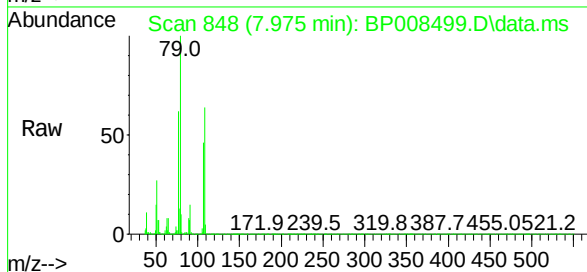
SB-15-GMSD

Tgt Ion: 79 Resp: 18592
 Ion Ratio Lower Upper
 79 100
 108 63.7 55.5 83.3
 77 62.1 51.0 76.6

Manual Integrations

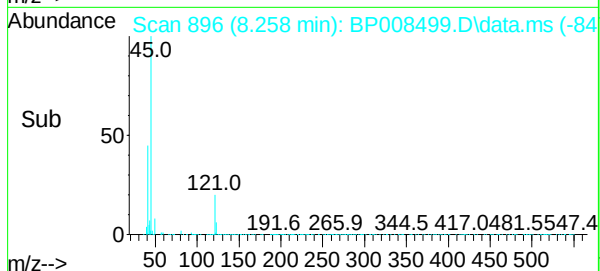
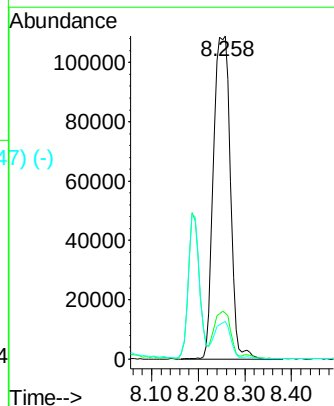
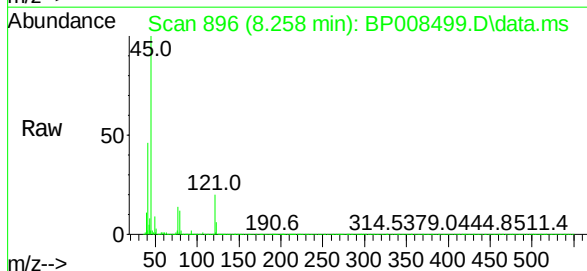
APPROVED

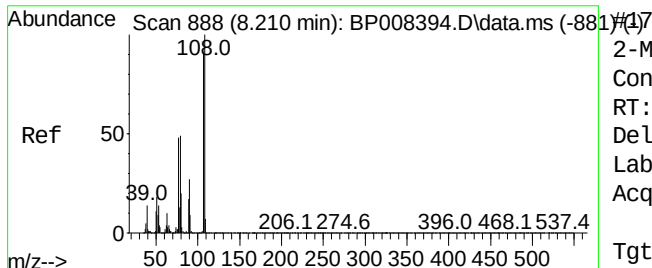
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



2,2'-oxybis(1-Chloropropane)
 Concen: 45.463 ng/ml
 RT: 8.258 min Scan# 896
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion: 45 Resp: 274003
 Ion Ratio Lower Upper
 45 100
 77 14.3 0.0 33.8
 79 11.8 0.0 30.4





2-Methylphenol

Concen: 45.361 ng

RT: 8.193 min Scan# 885

Delta R.T. -0.006 min

Lab File: BP008499.D

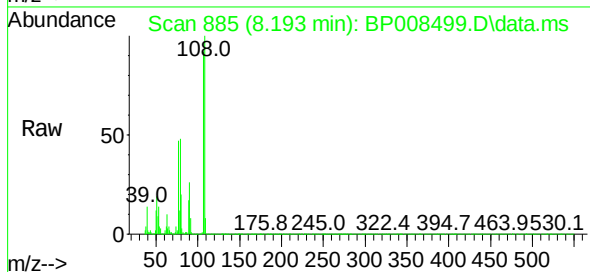
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

SB-15-GMSD



Tgt Ion:107 Resp: 15322

Ion Ratio Lower Upper

107 100

108 108.6 90.2 135.2

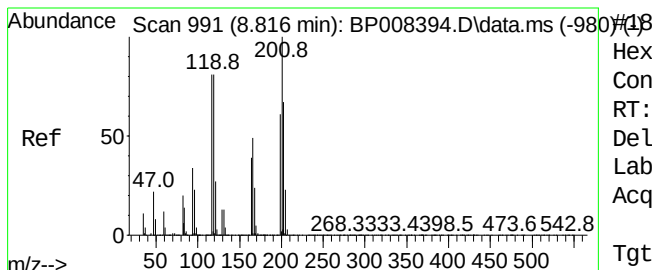
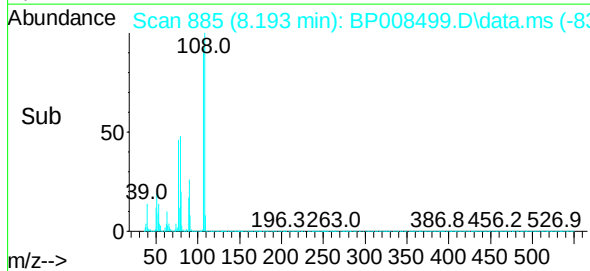
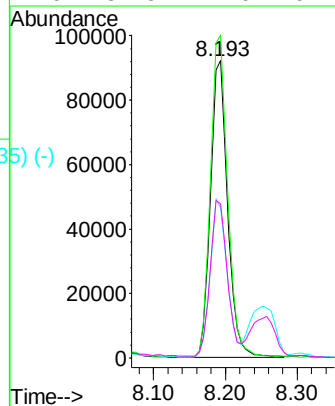
77 50.5 41.3 61.9

79 51.9 41.0 61.6

Manual Integrations

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Supervised By :mohammad ahmed 12/27/2021



Hexachloroethane

Concen: 45.435 ng

RT: 8.781 min Scan# 985

Delta R.T. -0.017 min

Lab File: BP008499.D

Acq: 18 Dec 2021 20:56

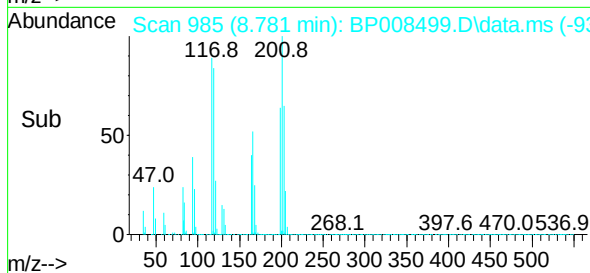
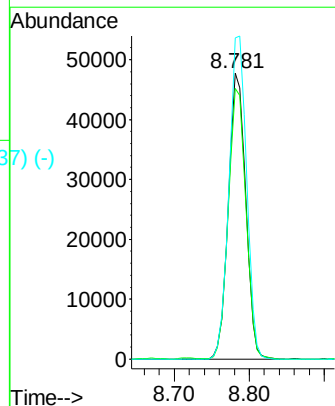
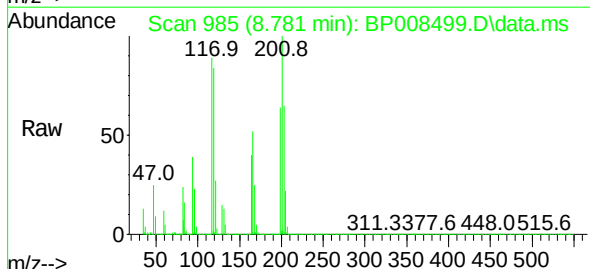
Tgt Ion:117 Resp: 75696

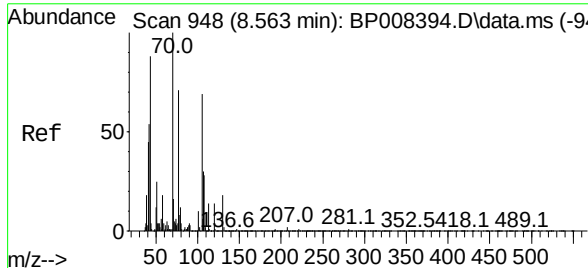
Ion Ratio Lower Upper

117 100

119 94.6 74.7 112.1

201 112.2 88.6 132.8





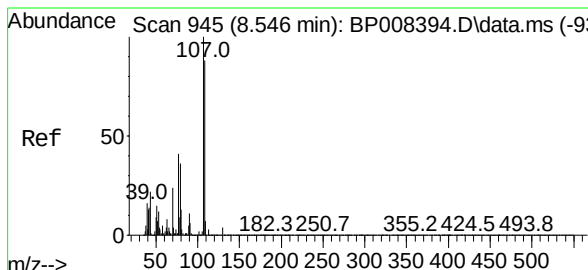
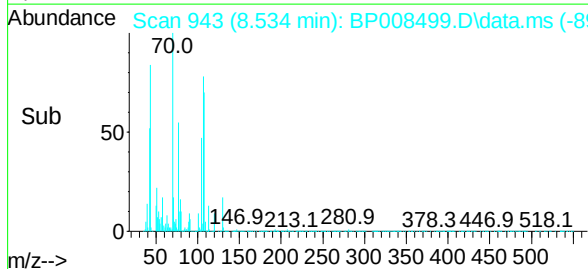
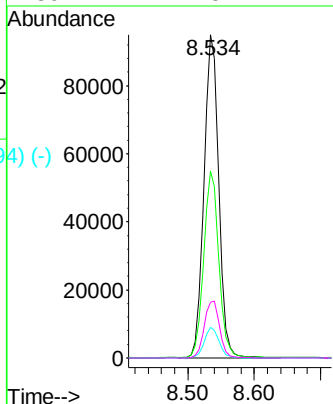
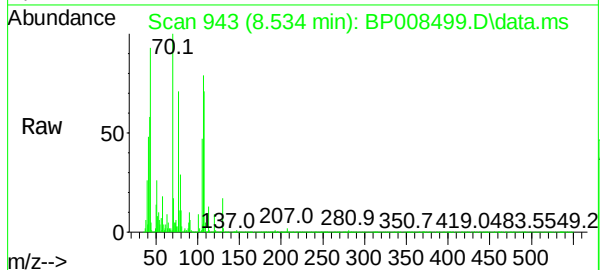
n-Nitroso-di-n-propylamine
 Concen: 39.671 ng
 RT: 8.534 min Scan# 948
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-GMSD

Tgt Ion:	70	Resp:	14795
Ion	Ratio	Lower	Upper
70	100		
42	57.9	45.4	68.2
101	9.5	7.6	11.4
130	17.2	15.1	22.7

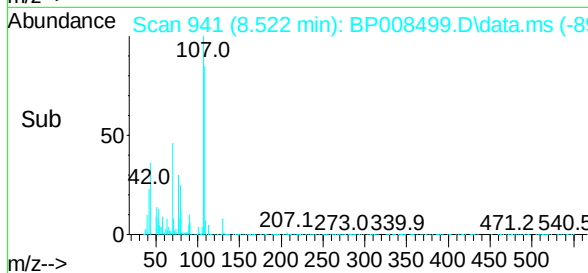
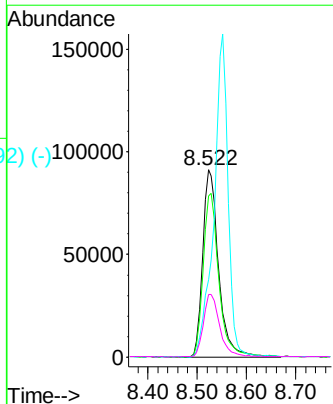
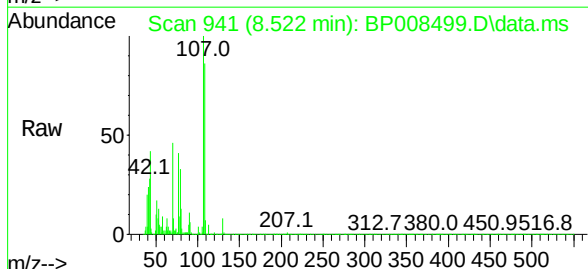
Manual Integrations
 APPROVED

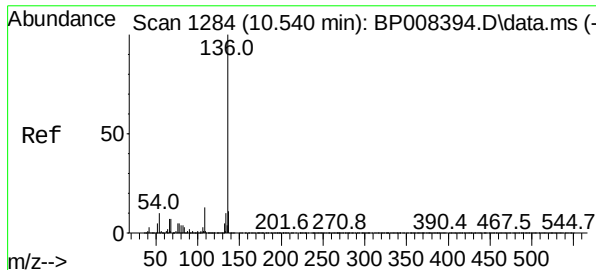
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



3+4-Methylphenols
 Concen: 43.725 ng
 RT: 8.522 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion:	107	Resp:	203431
Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.2	108.2
77	41.4	16.9	56.9
79	33.4	12.5	52.5





Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

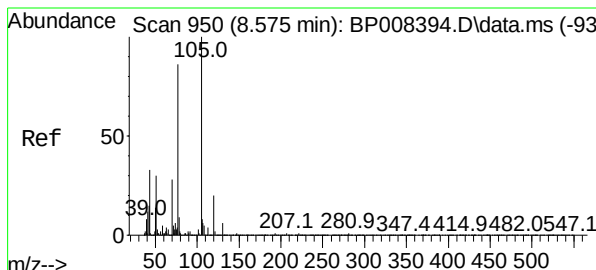
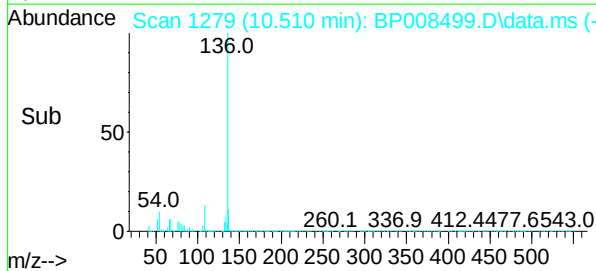
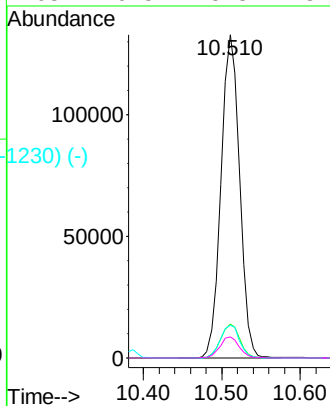
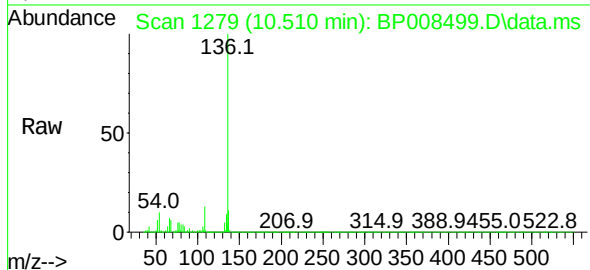
SB-15-GMSD

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	10.0	8.2	12.4
68	6.5	5.8	8.8

Manual Integrations

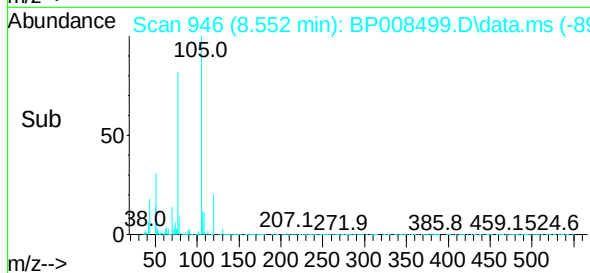
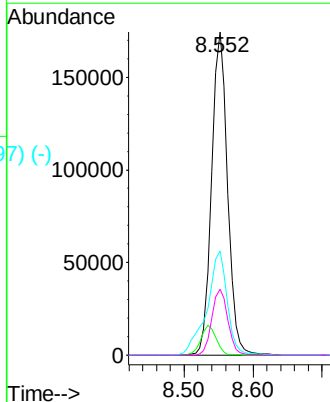
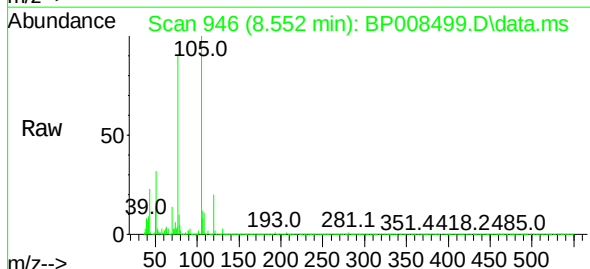
APPROVED

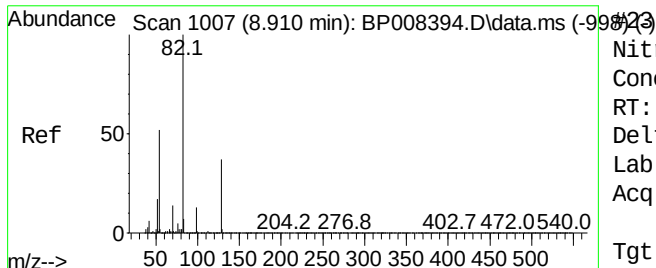
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Acetophenone
Concen: 43.786 ng
RT: 8.552 min Scan# 946
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.6	4.0	6.0#
51	32.3	23.8	35.6
120	20.4	16.0	24.0





Nitrobenzene-d5

Concen: 64.099 ng

RT: 8.887 min Scan#

Delta R.T. -0.012 min

Lab File: BP008499.D

Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

SB-15-GMSD

Tgt Ion: 82 Resp: 33025

Ion Ratio Lower Upper

82 100

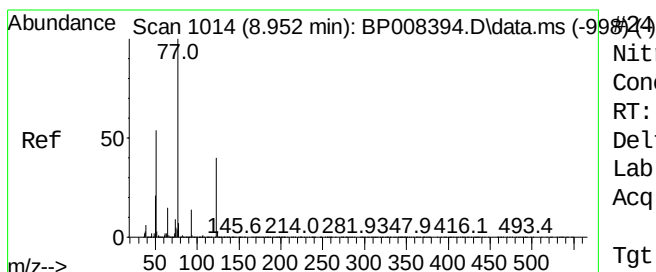
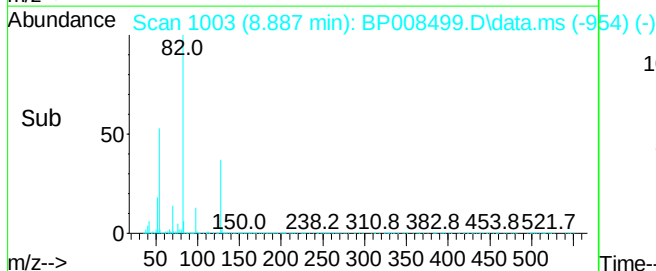
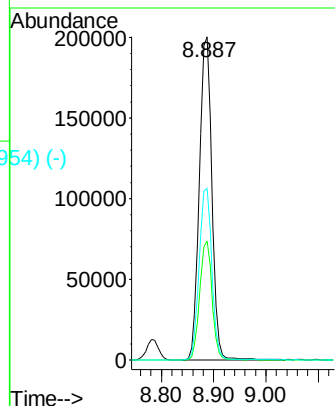
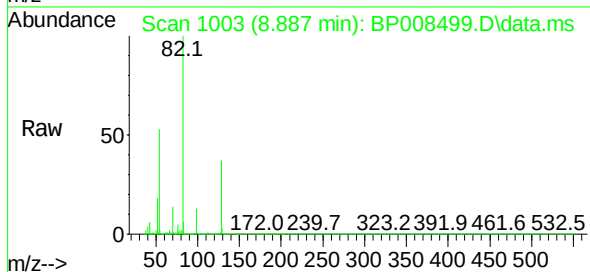
128 36.7 29.6 44.4

54 53.0 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Nitrobenzene

Concen: 46.040 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.012 min

Lab File: BP008499.D

Acq: 18 Dec 2021 20:56

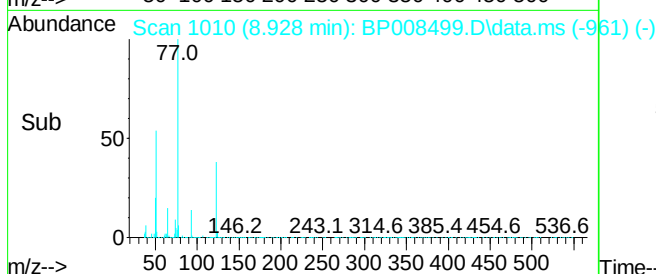
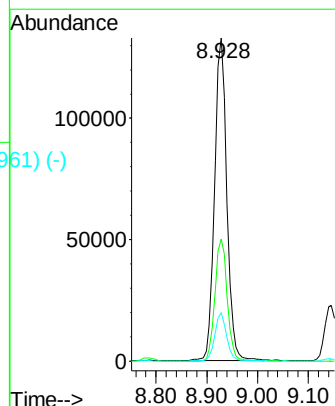
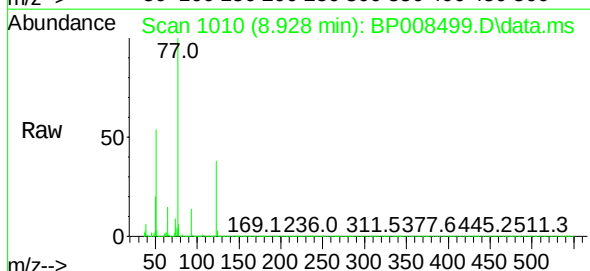
Tgt Ion: 77 Resp: 222643

Ion Ratio Lower Upper

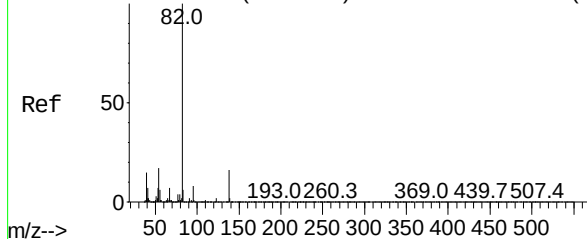
77 100

123 37.9 30.4 45.6

65 15.1 11.3 16.9



Abundance Scan 1105 (9.487 min): BP008394.D\data.ms (-1025)



Isophorone

Concen: 43.358 ng

RT: 9.458 min Scan# 1105

Delta R.T. -0.012 min

Lab File: BP008499.D

Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

SB-15-GMSD

Tgt Ion: 82 Resp: 3738

Ion Ratio Lower Upper

82 100

95 7.7 5.9 8.9

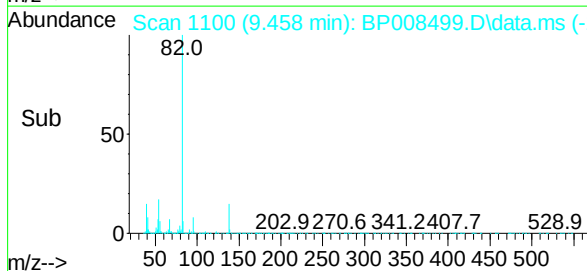
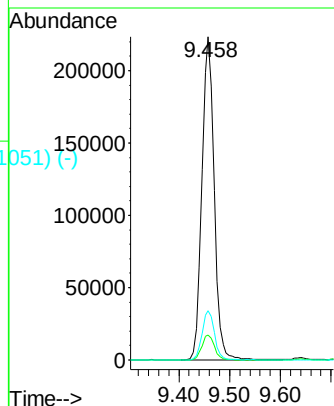
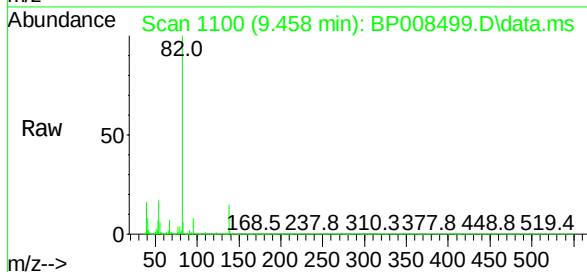
138 15.2 12.7 19.1

Manual Integrations

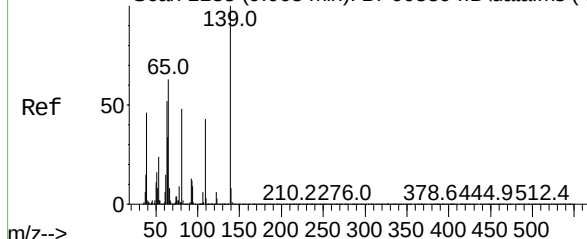
APPROVED

Reviewed By :Christian Giraldo 12/20/2021

Supervised By :mohammad ahmed 12/27/2021



Abundance Scan 1135 (9.663 min): BP008394.D\data.ms (-1129)



2-Nitrophenol

Concen: 43.317 ng

RT: 9.640 min Scan# 1131

Delta R.T. -0.012 min

Lab File: BP008499.D

Acq: 18 Dec 2021 20:56

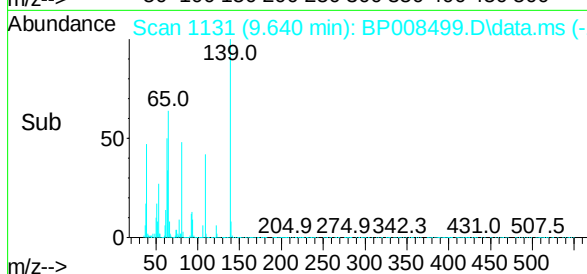
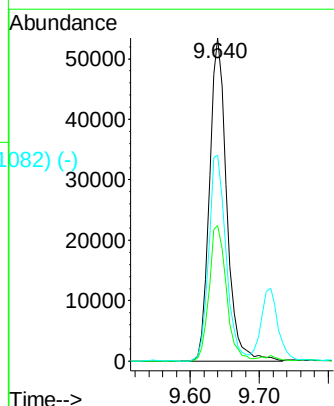
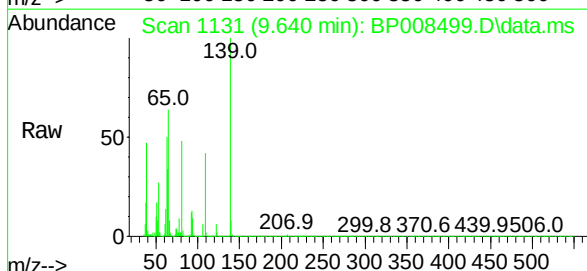
Tgt Ion:139 Resp: 92572

Ion Ratio Lower Upper

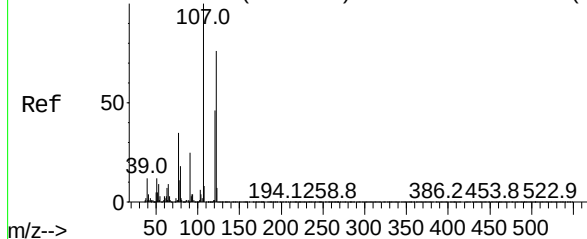
139 100

109 42.0 28.3 42.5

65 63.7 49.7 74.5



Abundance Scan 1148 (9.740 min): BP008394.D\data.ms (-1147-)



2,4-Dimethylphenol
Concen: 47.712 ng
RT: 9.716 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

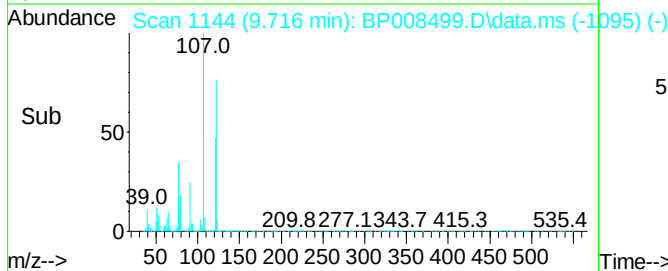
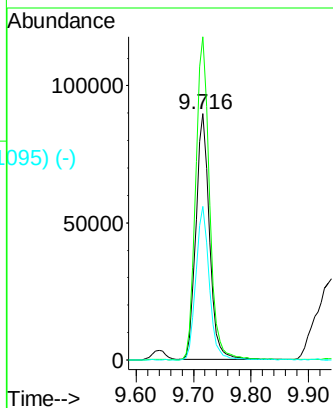
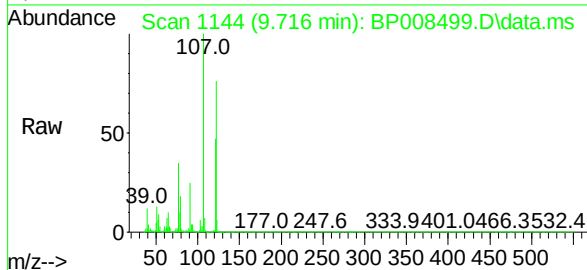
SB-15-GMSD

Tgt Ion:122 Resp: 14622
Ion Ratio Lower Upper
122 100
107 131.3 106.6 160.0
121 62.3 48.1 72.1

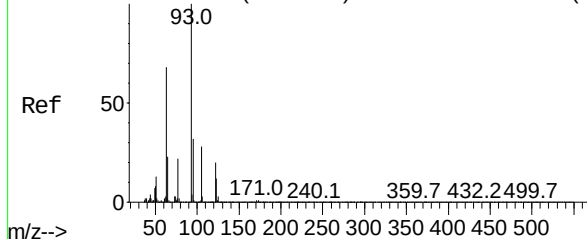
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021

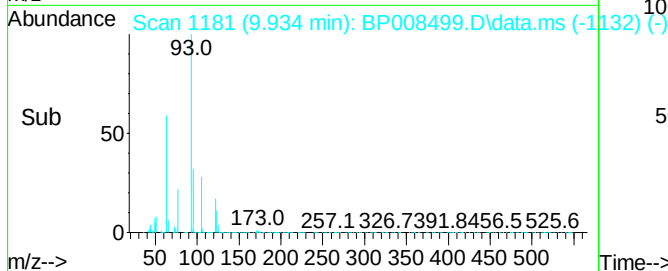
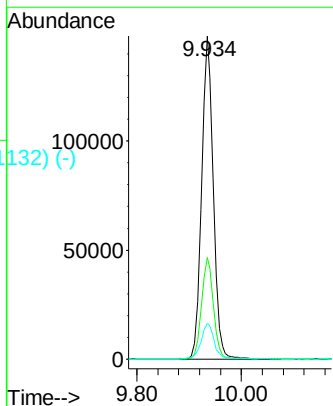
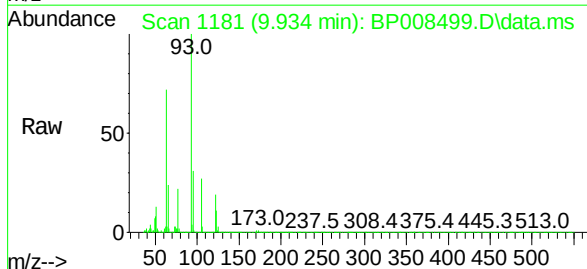


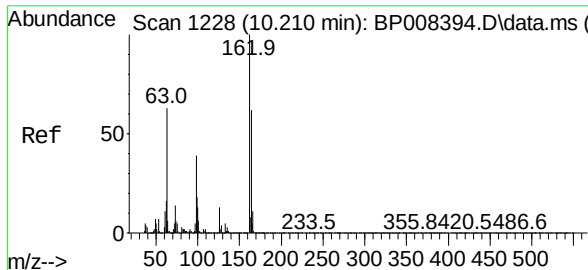
Abundance Scan 1186 (9.963 min): BP008394.D\data.ms (-1179-)



bis(2-Chloroethoxy)methane
Concen: 43.162 ng
RT: 9.934 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion: 93 Resp: 230031
Ion Ratio Lower Upper
93 100
95 31.4 25.4 38.2
123 11.0 7.8 11.6





2,4-Dichlorophenol
Concen: 44.524 ng
RT: 10.199 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

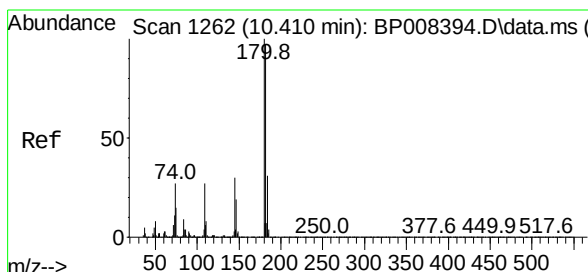
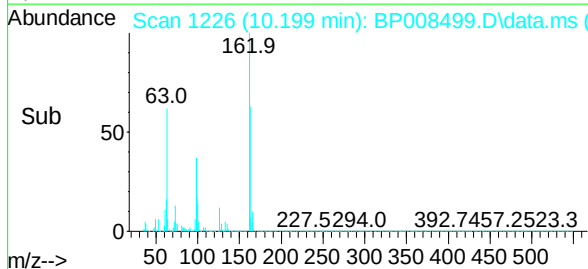
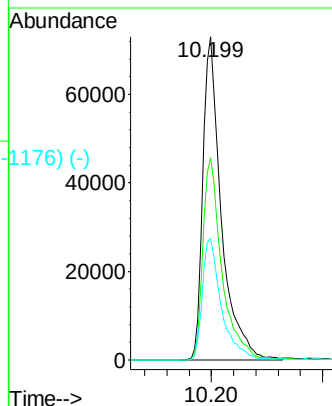
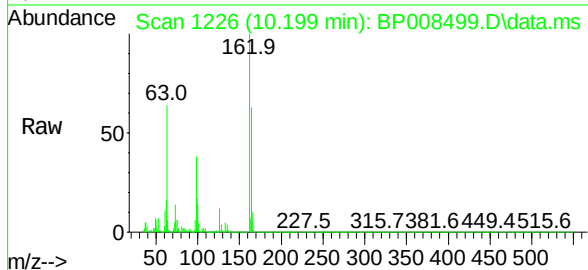
SB-15-GMSD

Tgt Ion:162 Resp: 16768
Ion Ratio Lower Upper
162 100
164 62.6 43.9 83.9
98 37.5 17.9 57.9

Manual Integrations

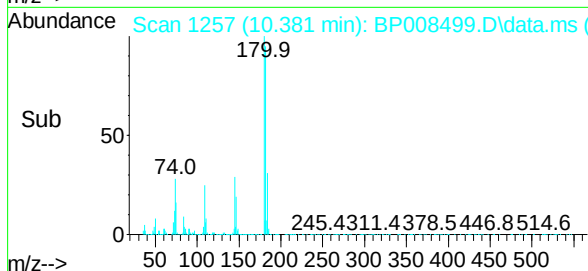
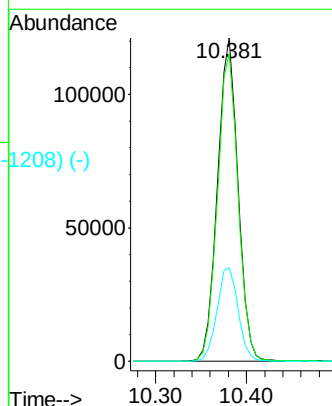
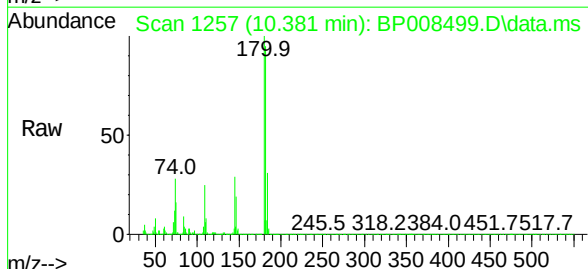
APPROVED

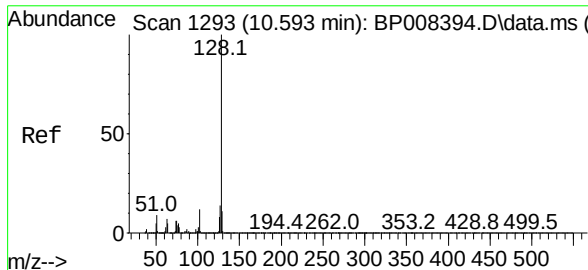
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1,2,4-Trichlorobenzene
Concen: 42.574 ng
RT: 10.381 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:180 Resp: 190074
Ion Ratio Lower Upper
180 100
182 95.2 74.8 112.2
145 28.9 23.2 34.8





Naphthalene
Concen: 43.663 ng
RT: 10.563 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

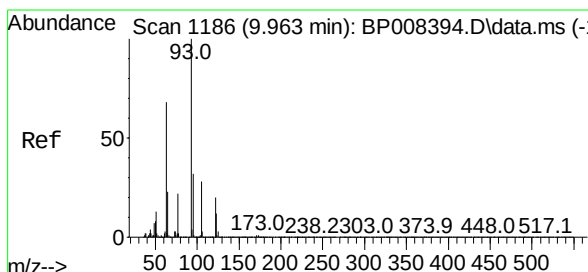
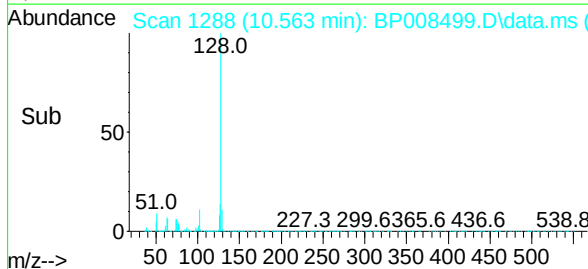
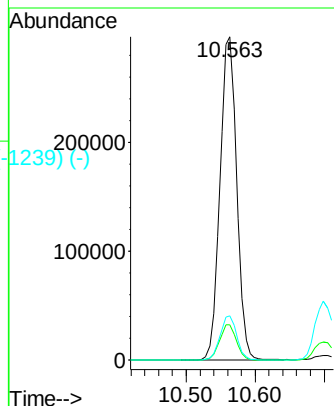
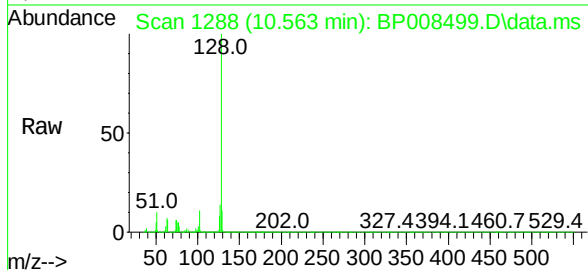
SB-15-GMSD

Tgt Ion:128 Resp: 49978
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.6 10.9 16.3

Manual Integrations

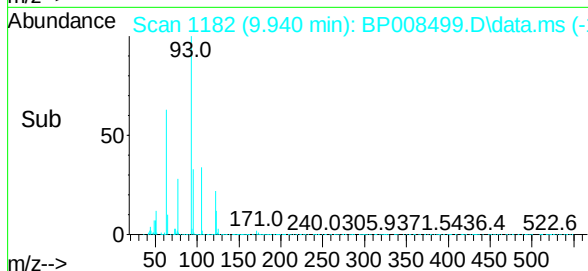
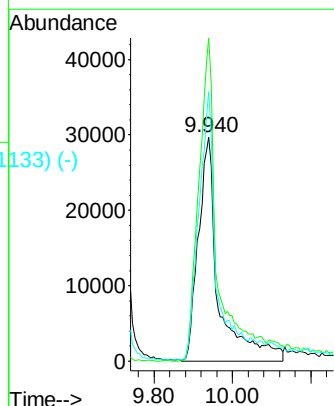
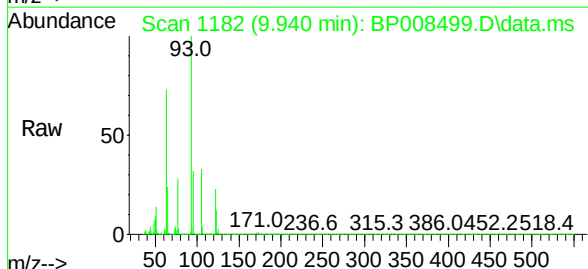
APPROVED

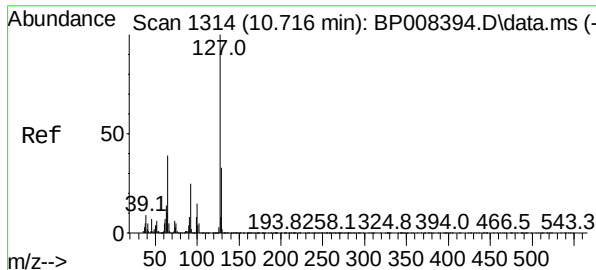
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Benzoic acid
Concen: 47.741 ng m
RT: 9.940 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:122 Resp: 107257
Ion Ratio Lower Upper
122 100
105 144.3 117.4 157.4
77 120.2 89.2 129.2





Scan 1314 (10.716 min): BP008394.D\data.ms (-1338) (-)
 4-Chloroaniline
 Concen: 23.941 ng
 RT: 10.699 min Scan# 1311
 Delta R.T. -0.006 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

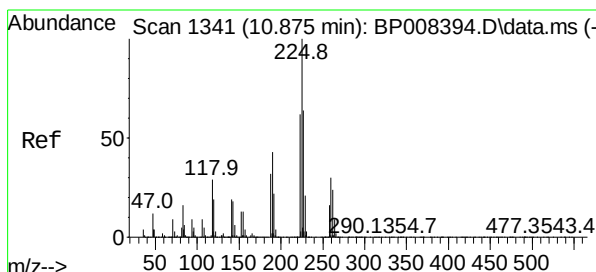
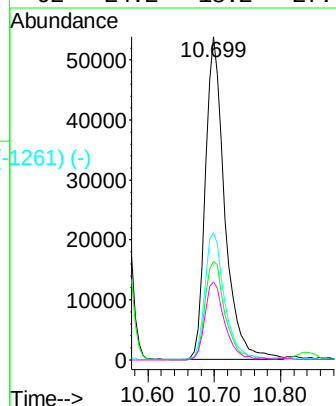
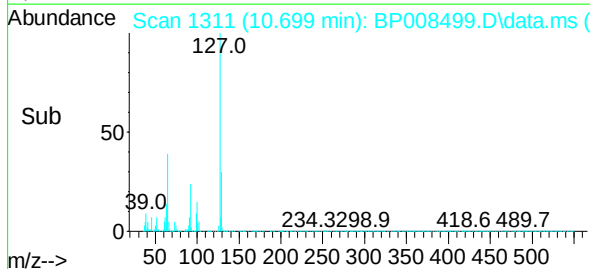
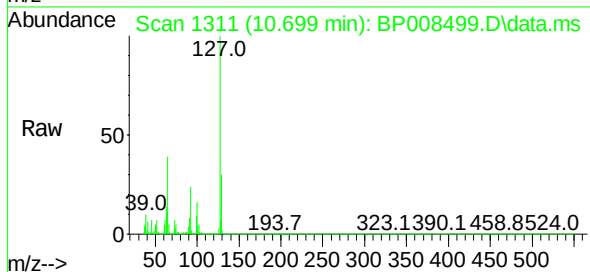
SB-15-GMSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.4	38.2
65	39.4	29.5	44.3
92	24.2	18.2	27.4

Manual Integrations

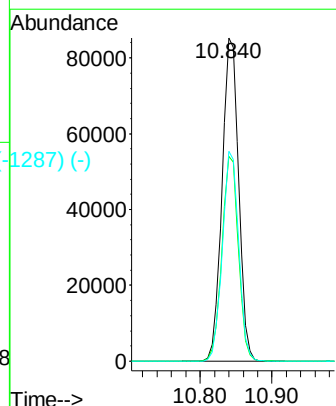
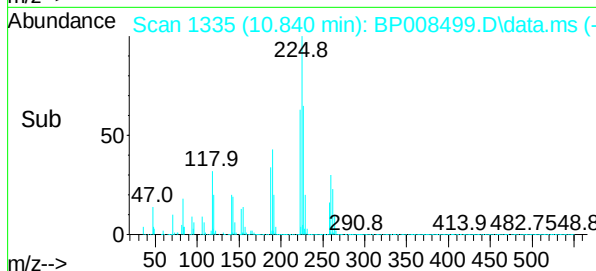
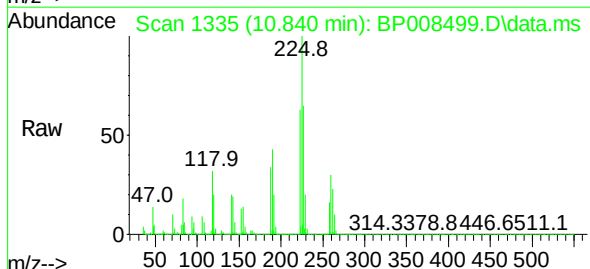
APPROVED

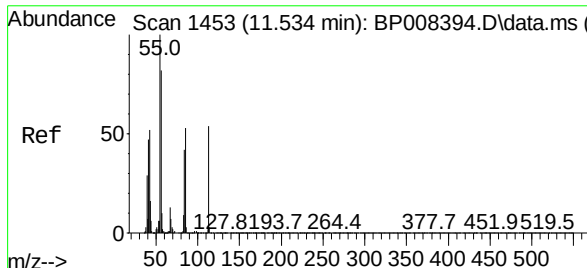
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 1341 (10.875 min): BP008394.D\data.ms (-1334) (-)
 Hexachlorobutadiene
 Concen: 41.662 ng
 RT: 10.840 min Scan# 1335
 Delta R.T. -0.018 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.5	78.7
227	64.9	51.0	76.6





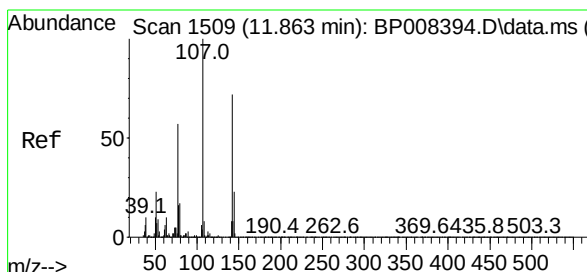
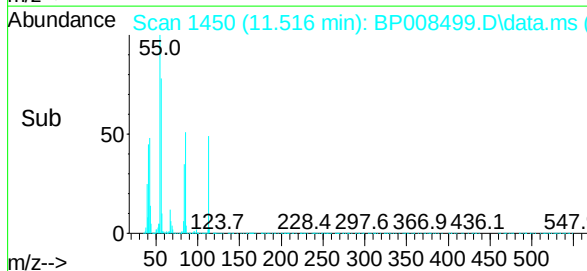
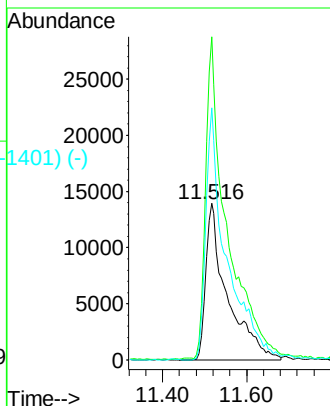
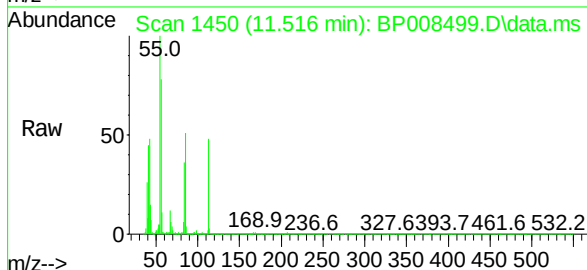
Caprolactam
Concen: 69.454 ng
RT: 11.516 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :
BNA_P
Client Sample Id :
SB-15-GMSD

Tgt Ion:113 Resp: 4953
Ion Ratio Lower Upper
113 100
55 206.4 174.2 214.2
56 161.1 130.3 170.3

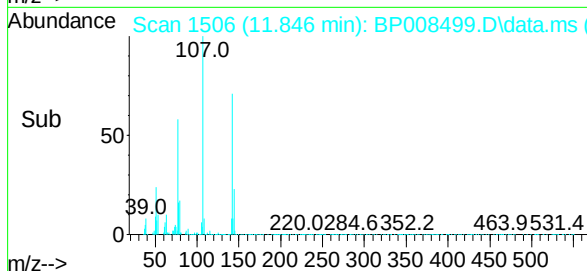
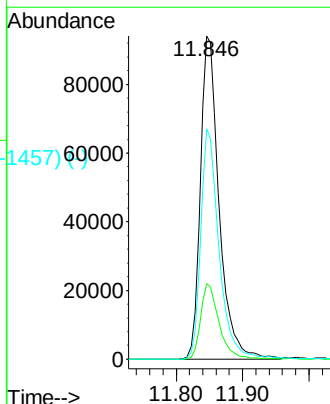
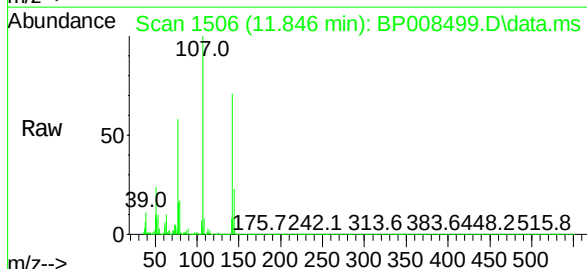
Manual Integrations
APPROVED

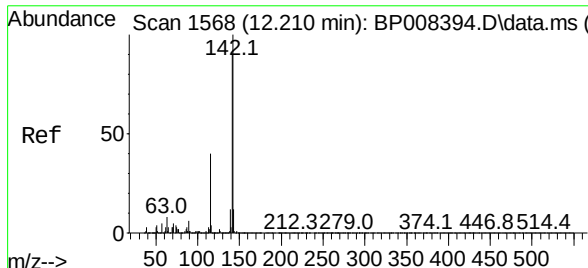
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



4-Chloro-3-methylphenol
Concen: 44.061 ng
RT: 11.846 min Scan# 1506
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:107 Resp: 185416
Ion Ratio Lower Upper
107 100
144 23.4 19.7 29.5
142 71.3 59.6 89.4





Scan 1568 (12.210 min): BP008394.D\data.ms (-1537) (-)
 2-Methylnaphthalene
 Concen: 45.819 ng
 RT: 12.181 min Scan# 1568
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

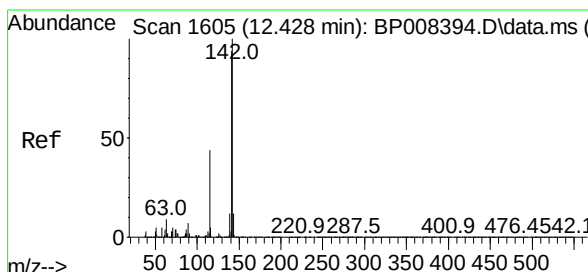
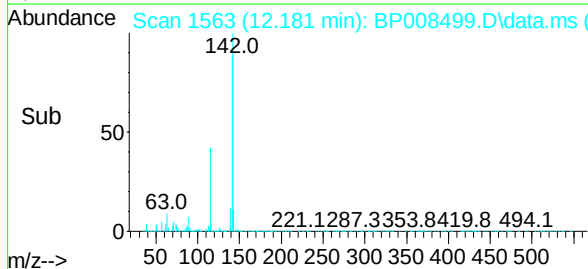
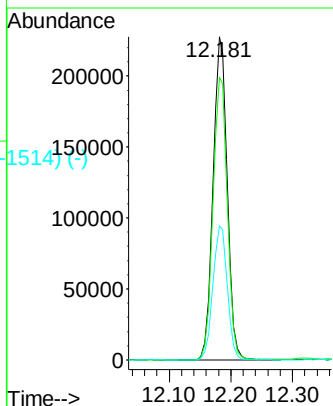
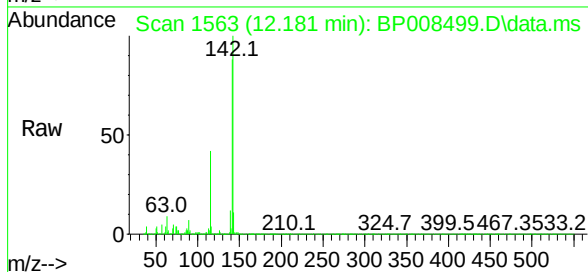
SB-15-GMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.7	106.3
115	41.6	30.9	46.3

Manual Integrations

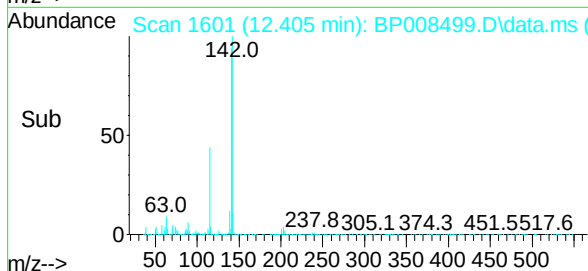
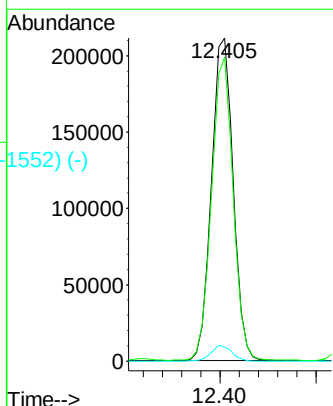
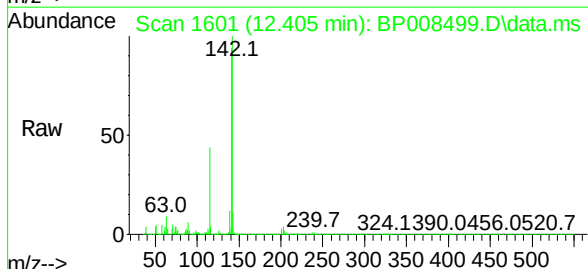
APPROVED

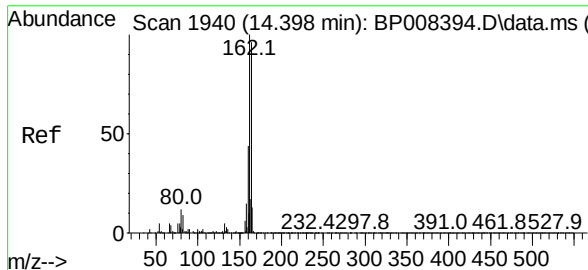
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 1605 (12.428 min): BP008394.D\data.ms (-1538) (-)
 1-Methylnaphthalene
 Concen: 43.293 ng
 RT: 12.405 min Scan# 1601
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.2	111.4
116	4.3	3.4	5.2





Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

Client Sample Id :

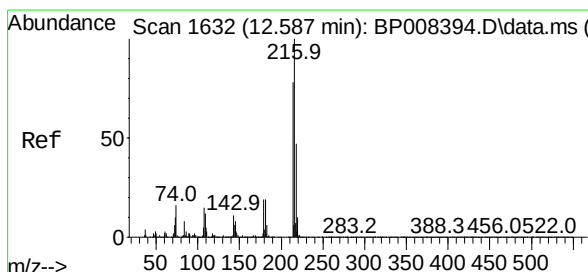
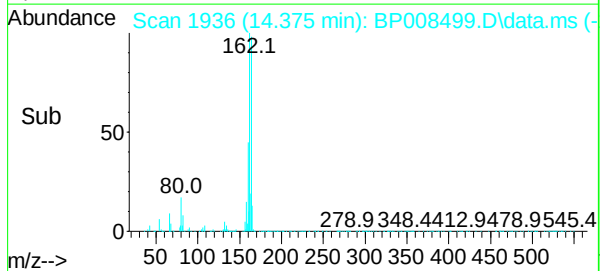
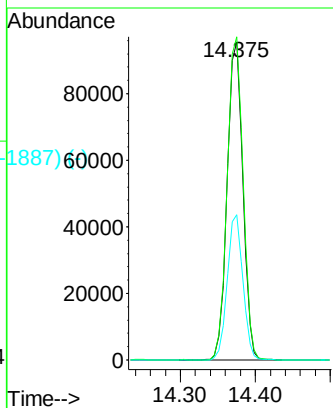
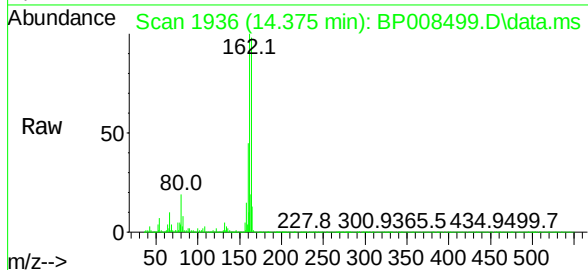
SB-15-GMSD

Tgt Ion:164 Resp: 13698
Ion Ratio Lower Upper
164 100
162 101.6 81.9 122.9
160 45.7 35.4 53.0

Manual Integrations

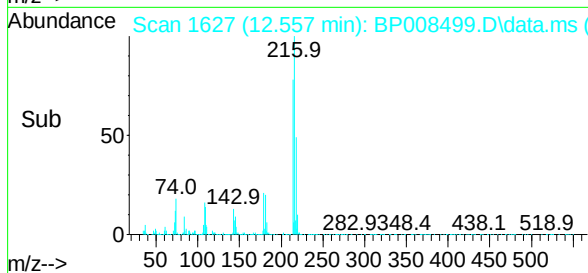
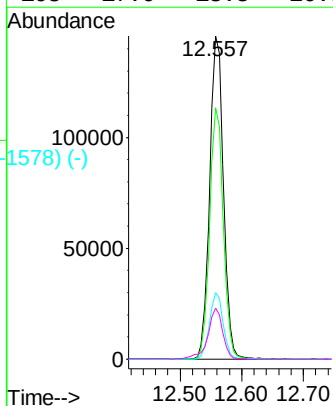
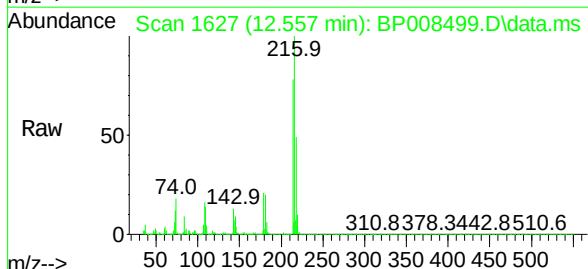
APPROVED

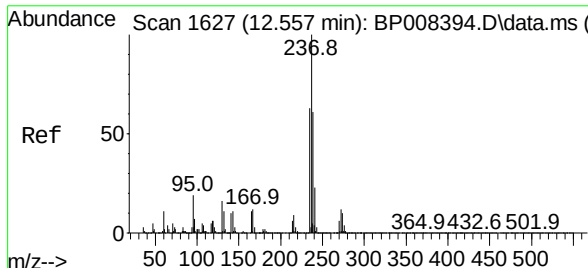
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1,2,4,5-Tetrachlorobenzene
Concen: 43.299 ng
RT: 12.557 min Scan# 1627
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:216 Resp: 226606
Ion Ratio Lower Upper
216 100
214 77.0 62.5 93.7
179 20.5 16.4 24.6
108 17.0 13.8 20.8





Hexachlorocyclopentadiene
 Concen: 68.513 ng
 RT: 12.528 min Scan# 1627
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

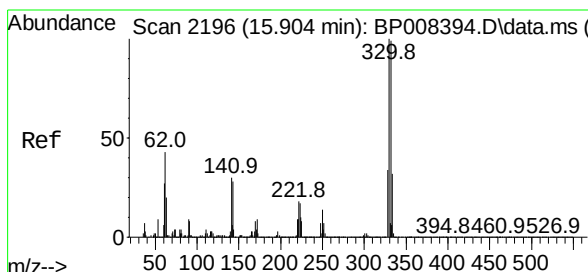
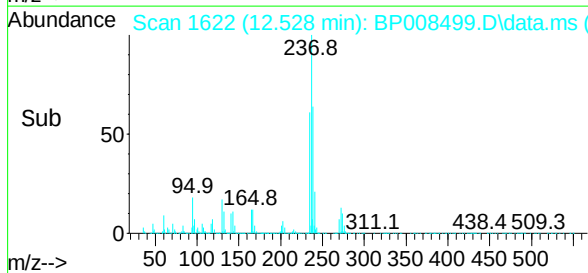
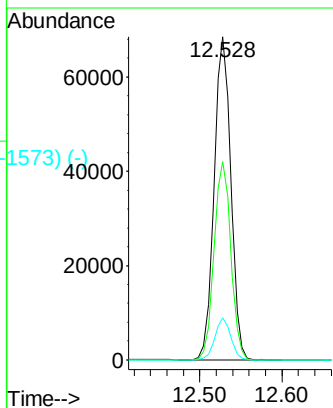
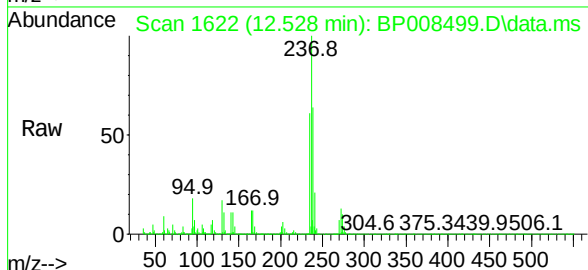
SB-15-GMSD

Tgt Ion:	237	Resp:	972
Ion Ratio	Lower	Upper	
237	100		
235	61.3	42.3	82.3
272	13.0	0.0	32.2

Manual Integrations

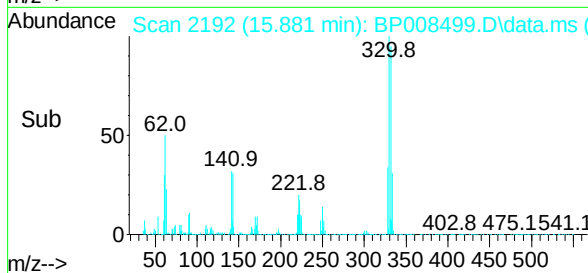
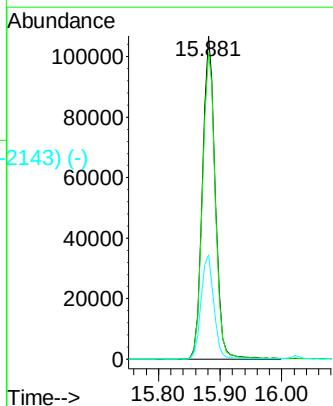
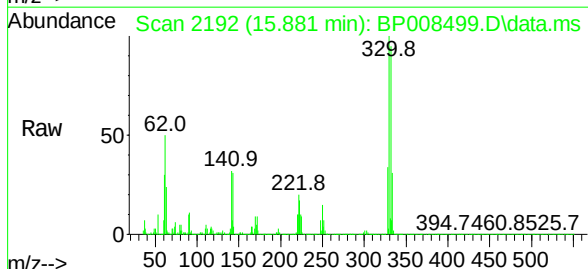
APPROVED

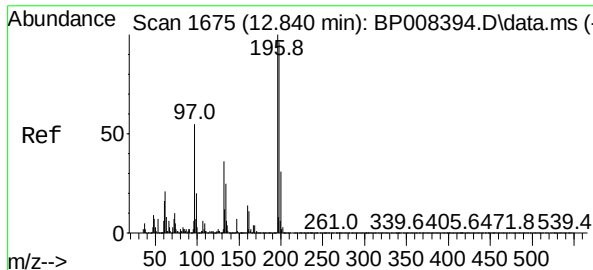
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



2,4,6-Tribromophenol
 Concen: 75.917 ng
 RT: 15.881 min Scan# 2192
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion:	330	Resp:	152829
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.4
141	32.4	28.4	42.6





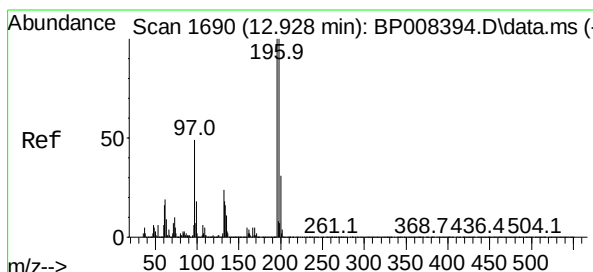
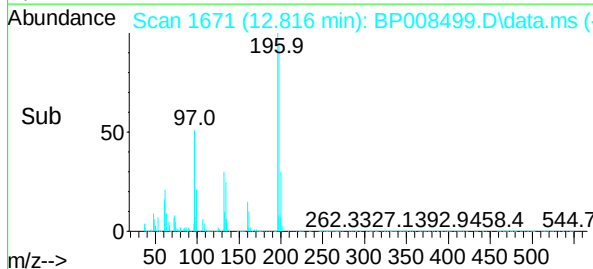
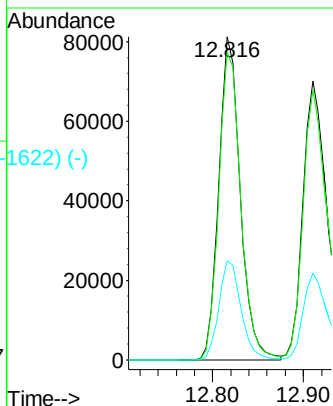
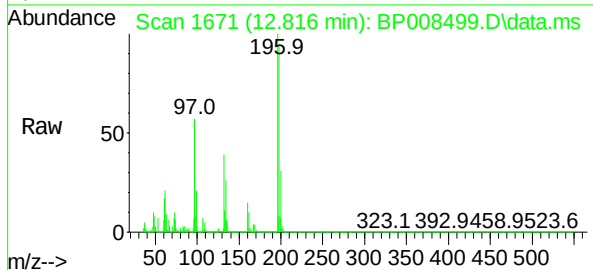
2,4,6-Trichlorophenol
Concen: 40.695 ng
RT: 12.816 min Scan# 1671
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :
BNA_P
ClientSampleId :
SB-15-GMSD

Tgt Ion:196 Resp: 13380
Ion Ratio Lower Upper
196 100
198 95.3 74.8 112.2
200 30.7 24.3 36.9

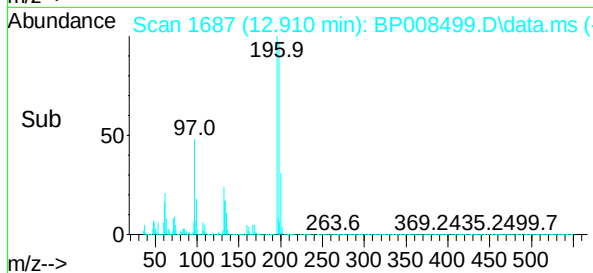
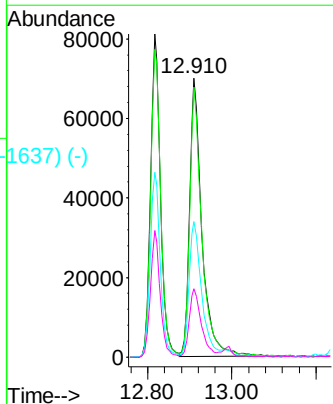
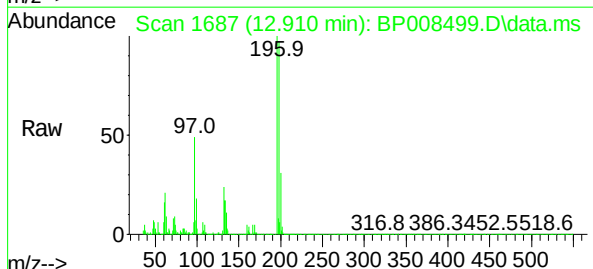
Manual Integrations
APPROVED

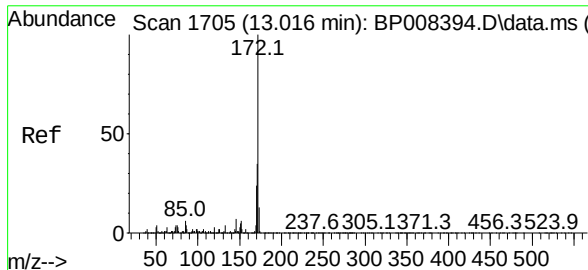
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



2,4,5-Trichlorophenol
Concen: 42.046 ng
RT: 12.910 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:196 Resp: 144188
Ion Ratio Lower Upper
196 100
198 96.6 76.2 114.4
97 48.6 40.8 61.2
132 24.5 19.0 28.4





2-Fluorobiphenyl
Concen: 60.851 ng
RT: 12.993 min Scan# 16945
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

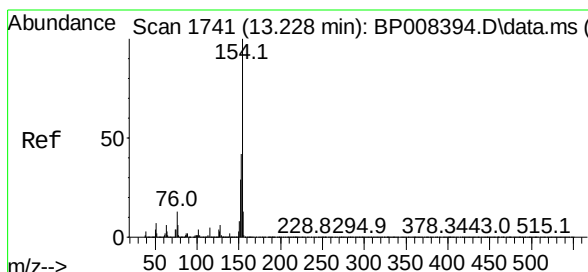
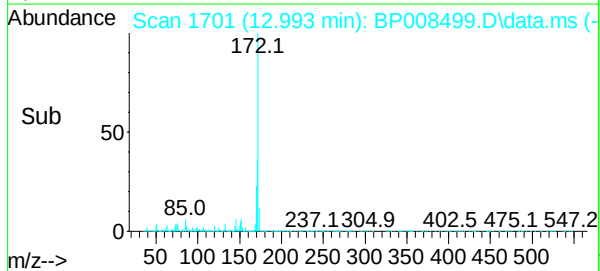
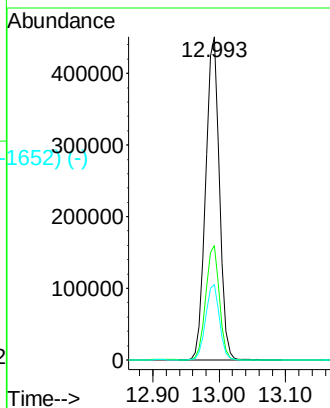
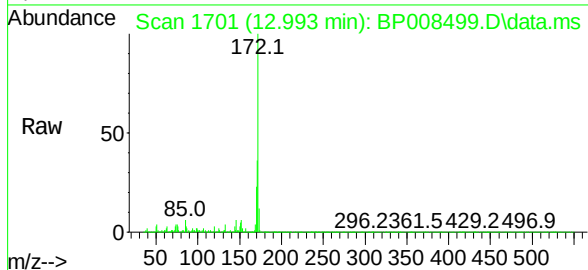
SB-15-GMSD

Tgt Ion:172 Resp: 65573
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.4 18.9 28.3

Manual Integrations

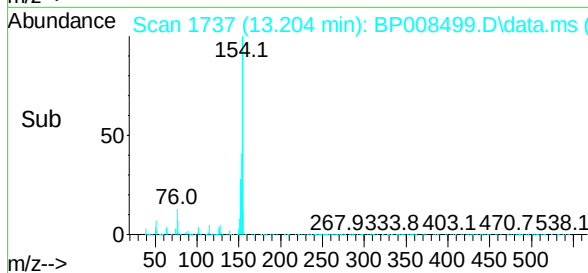
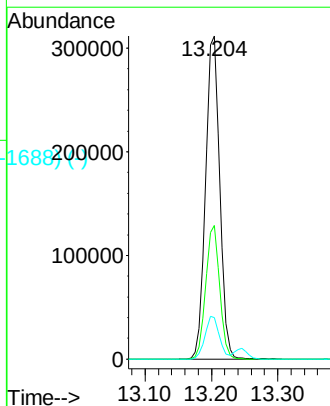
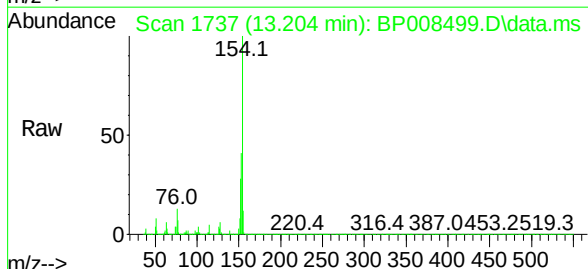
APPROVED

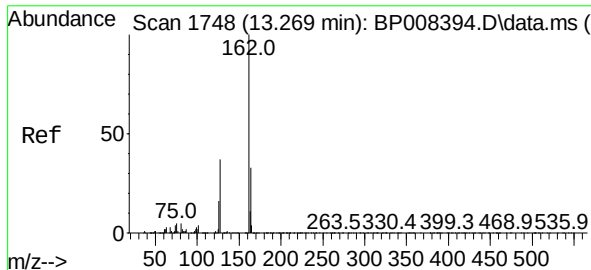
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1,1'-Biphenyl
Concen: 44.222 ng
RT: 13.204 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:154 Resp: 468034
Ion Ratio Lower Upper
154 100
153 41.4 19.7 59.7
76 12.9 0.0 33.7





2-Chloronaphthalene
Concen: 42.895 ng
RT: 13.246 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

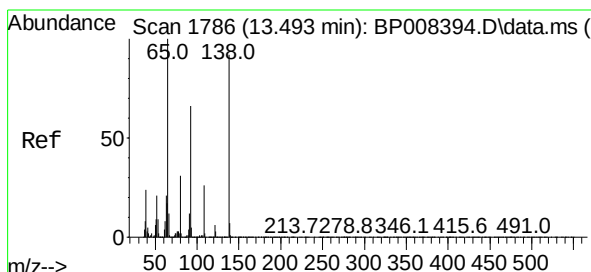
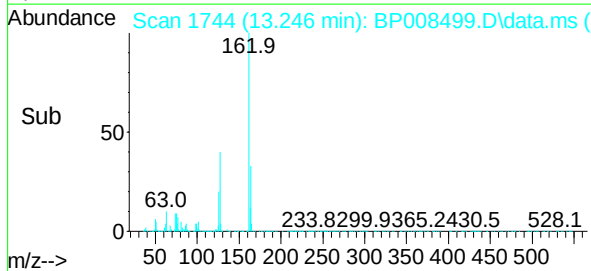
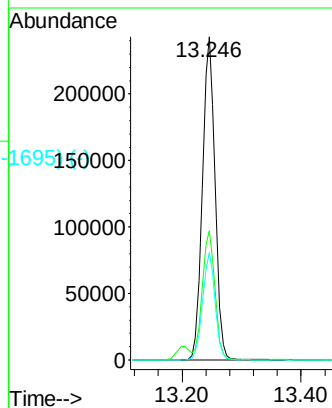
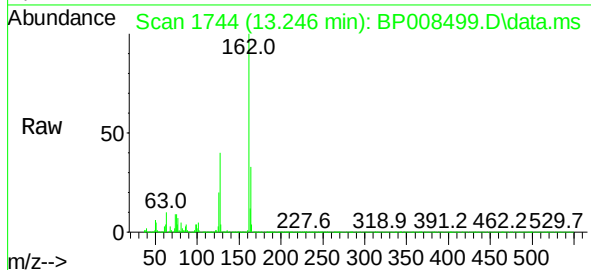
SB-15-GMSD

Tgt Ion: 162 Resp: 36210
Ion Ratio Lower Upper
162 100
127 40.0 31.3 46.9
164 33.2 26.9 40.3

Manual Integrations

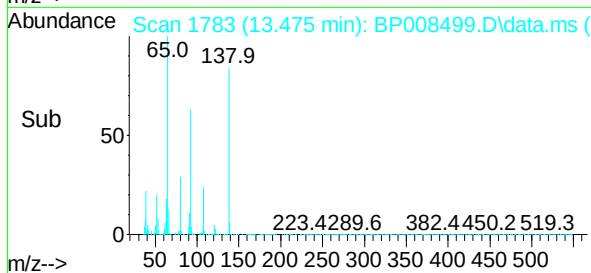
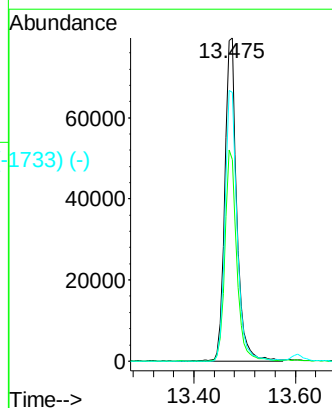
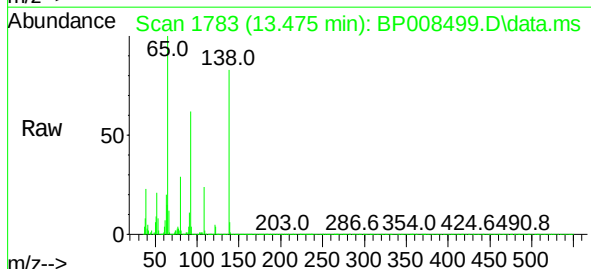
APPROVED

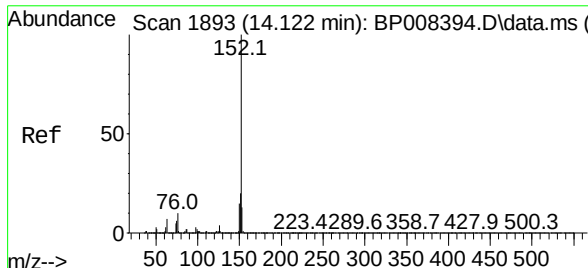
Reviewed By : Christian Giraldo 12/20/2021
Supervised By : mohammad ahmed 12/27/2021



2-Nitroaniline
Concen: 45.780 ng
RT: 13.475 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion: 65 Resp: 129978
Ion Ratio Lower Upper
65 100
92 62.3 50.6 75.8
138 83.1 68.7 103.1





Acenaphthylene
Concen: 44.206 ng
RT: 14.093 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

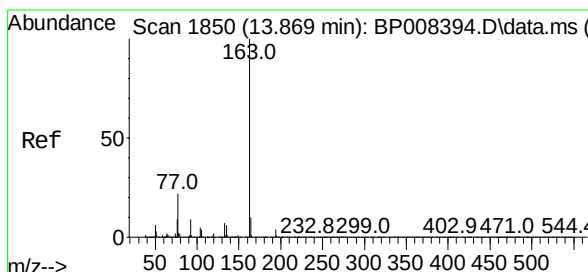
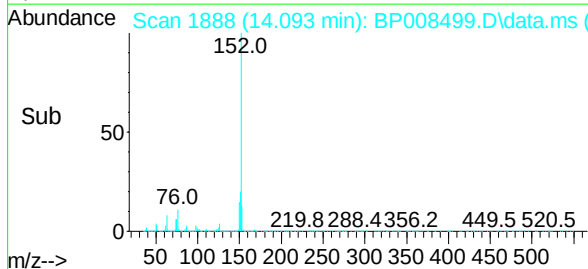
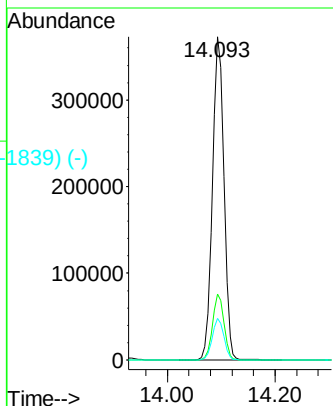
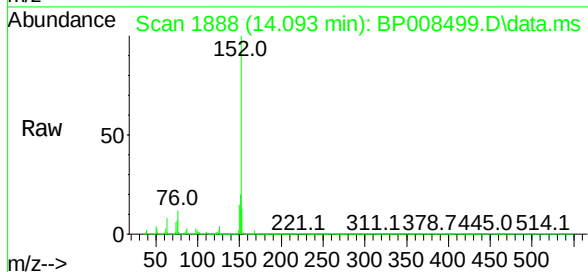
SB-15-GMSD

Tgt Ion:152 Resp: 54856
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 12.9 10.9 16.3

Manual Integrations

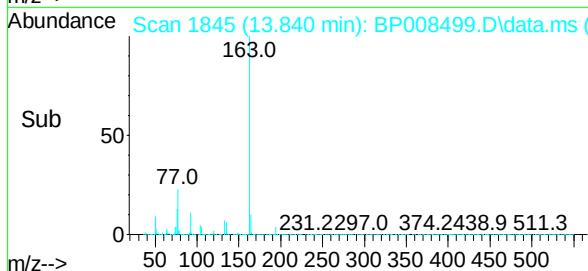
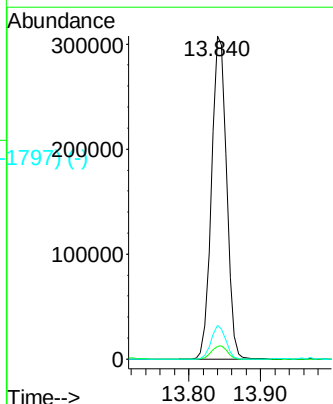
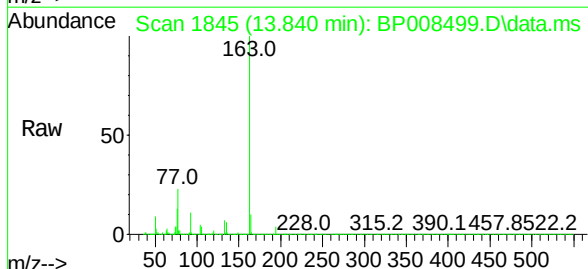
APPROVED

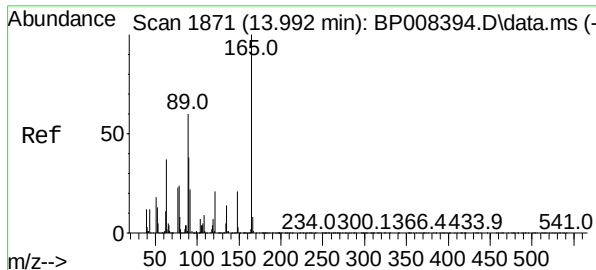
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Dimethylphthalate
Concen: 43.201 ng
RT: 13.840 min Scan# 1845
Delta R.T. -0.018 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:163 Resp: 448071
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.4 8.2 12.2





2,6-Dinitrotoluene
Concen: 44.787 ng
RT: 13.969 min Scan# 1867
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

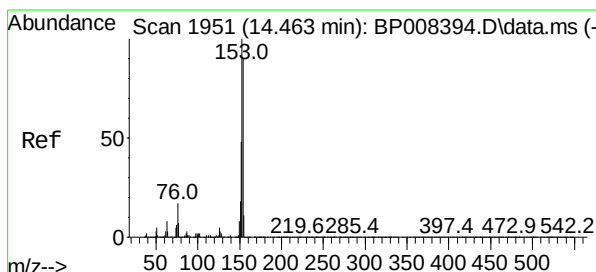
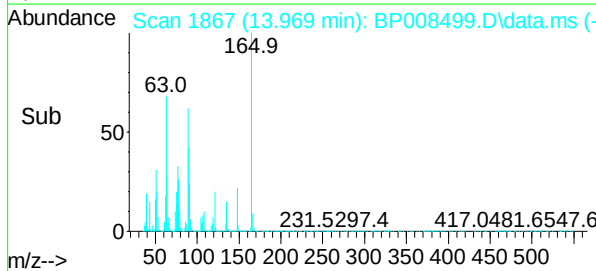
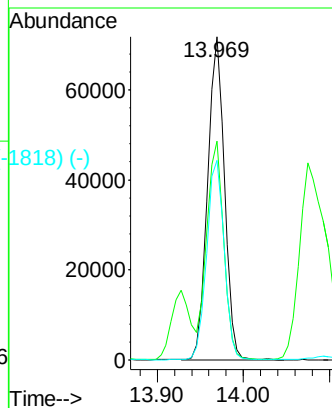
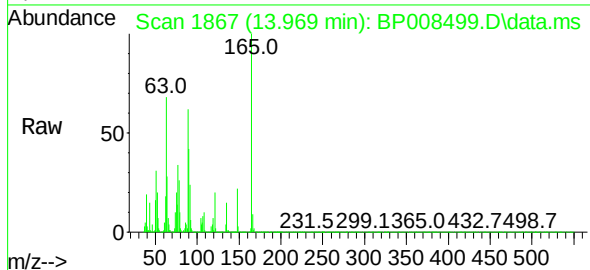
SB-15-GMSD

Tgt Ion:165 Resp: 969
Ion Ratio Lower Upper
165 100
63 67.6 50.8 76.2
89 61.8 50.0 75.0

Manual Integrations

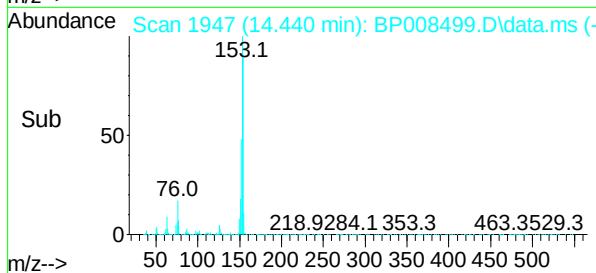
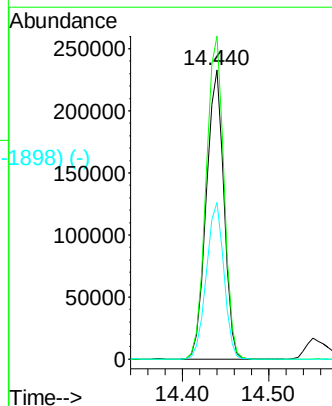
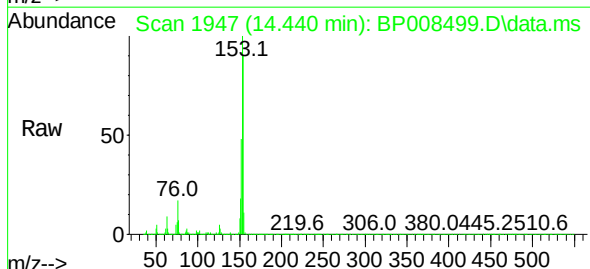
APPROVED

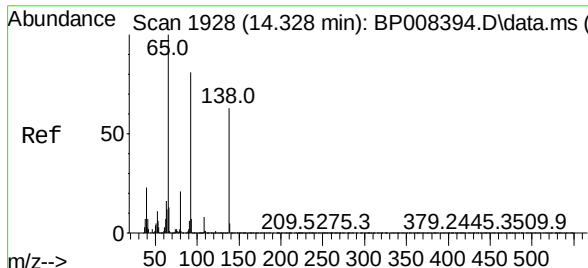
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Acenaphthene
Concen: 44.455 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:154 Resp: 328130
Ion Ratio Lower Upper
154 100
153 111.6 90.3 135.5
152 54.1 43.3 64.9





3-Nitroaniline
 Concen: 29.550 ng
 RT: 14.310 min Scan# 1928
 Delta R.T. -0.006 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

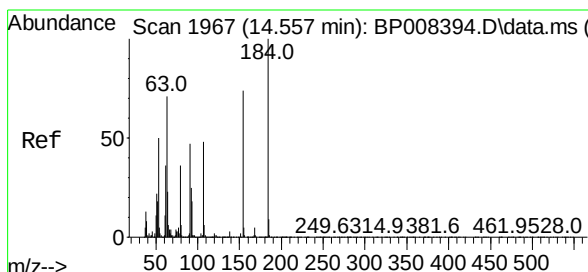
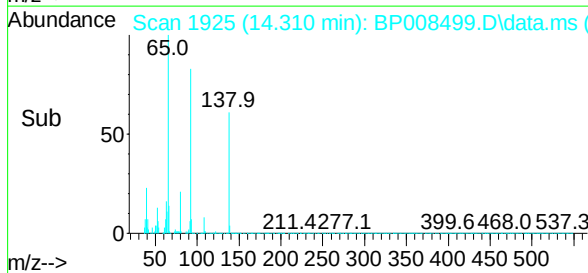
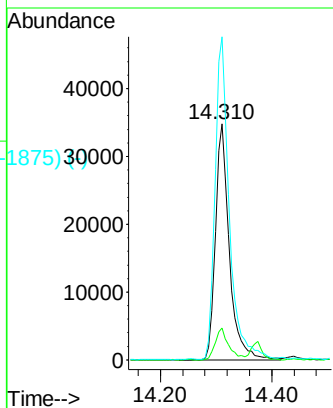
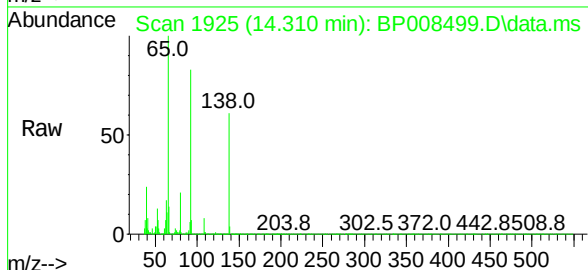
SB-15-GMSD

Tgt Ion:138 Resp: 6027
 Ion Ratio Lower Upper
 138 100
 108 13.4 9.2 13.8
 92 137.0 102.9 154.3

Manual Integrations

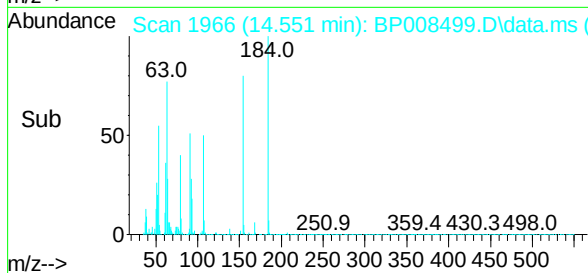
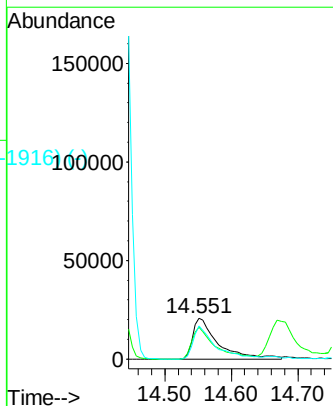
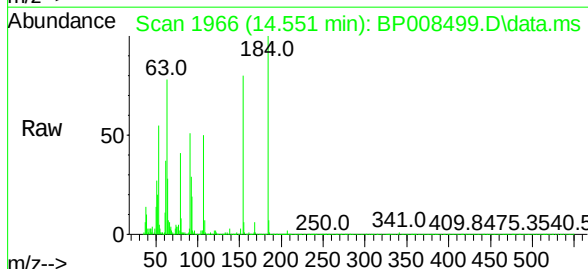
APPROVED

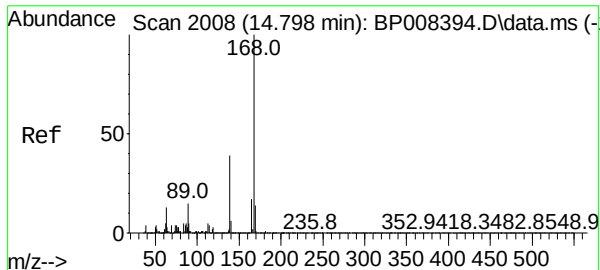
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



2,4-Dinitrophenol
 Concen: 48.344 ng m
 RT: 14.551 min Scan# 1966
 Delta R.T. -0.006 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion:184 Resp: 54640
 Ion Ratio Lower Upper
 184 100
 63 77.6 53.8 80.6
 154 80.2 54.2 81.2





Dibenzo furan
Concen: 42.491 ng
RT: 14.775 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

Client Sample Id :

SB-15-GMSD

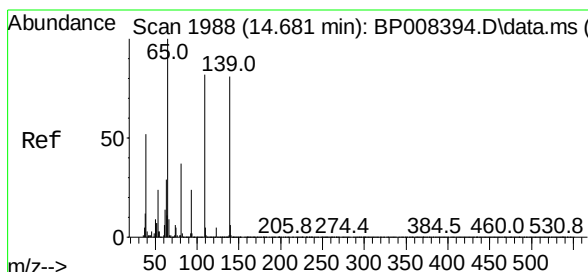
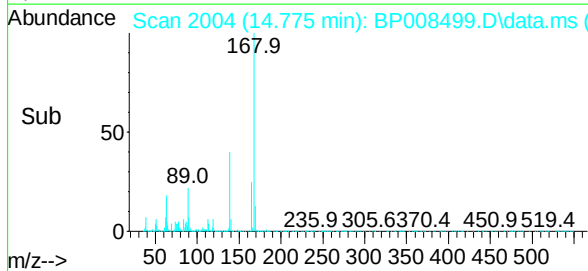
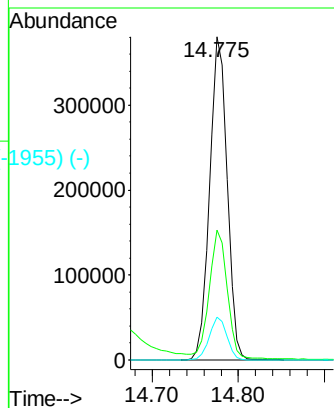
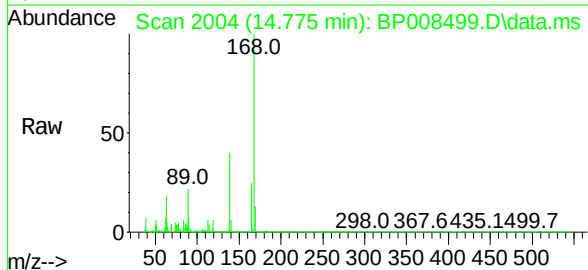
Tgt Ion:168 Resp: 53356
Ion Ratio Lower Upper

168 100
139 40.3 30.6 46.0
169 13.3 11.0 16.4

Manual Integrations

APPROVED

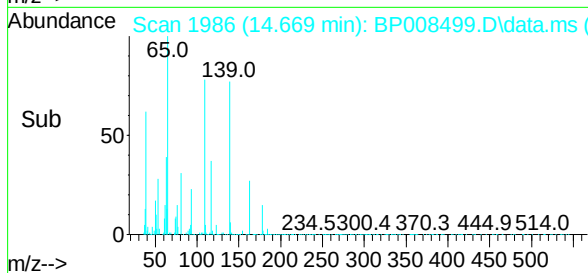
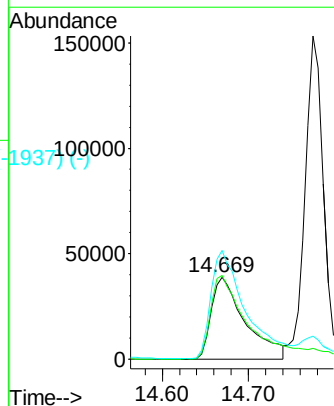
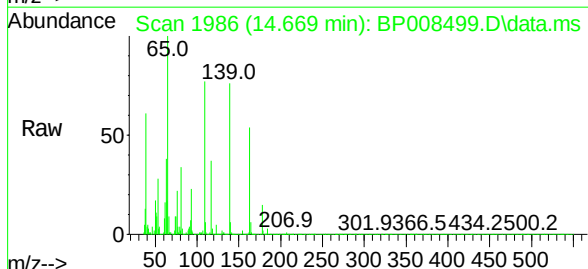
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021

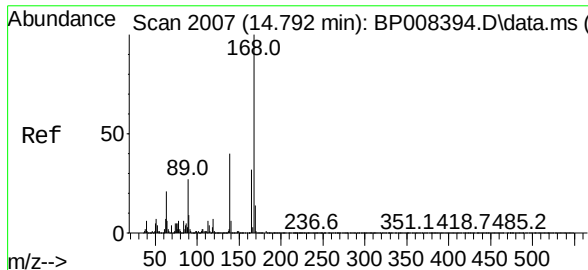


4-Nitrophenol
Concen: 90.160 ng
RT: 14.669 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:139 Resp: 106757
Ion Ratio Lower Upper

139 100
109 101.8 65.9 105.9
65 132.4 91.9 131.9#





2,4-Dinitrotoluene
Concen: 46.532 ng
RT: 14.775 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

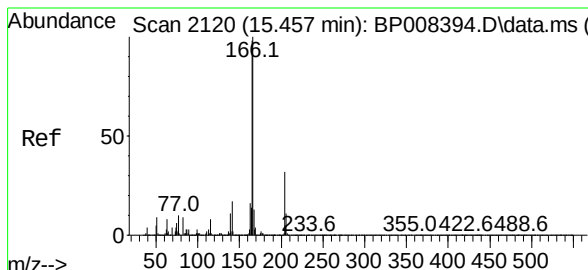
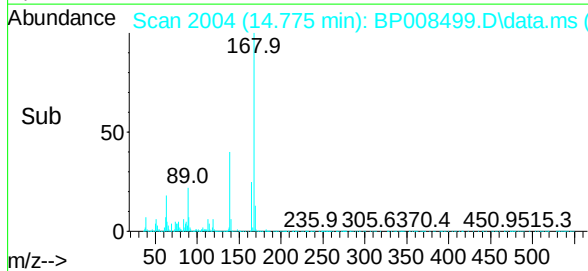
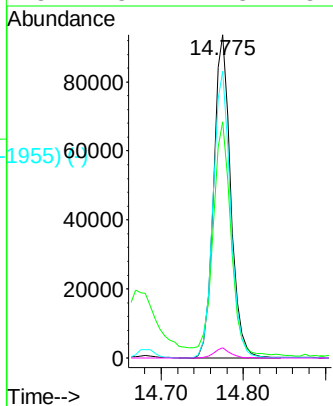
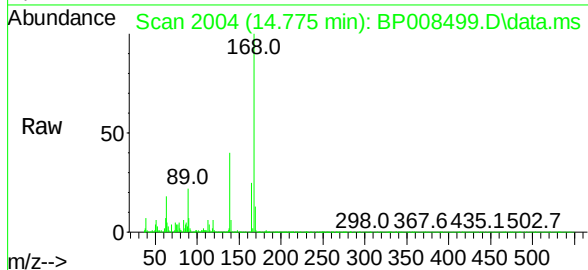
SB-15-GMSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.0	38.9	58.3
89	88.6	60.5	90.7
182	3.2	2.3	3.5

Manual Integrations

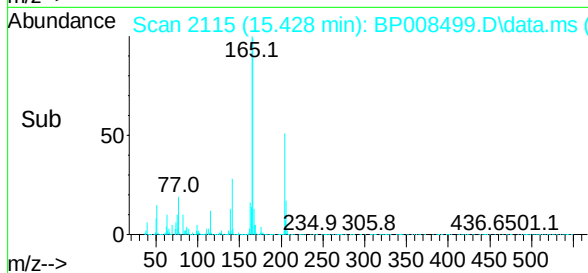
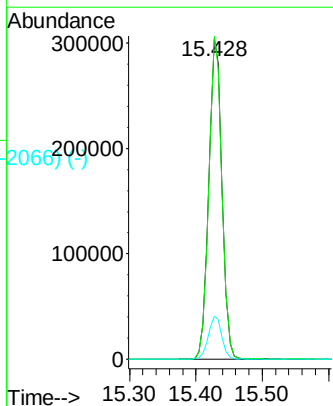
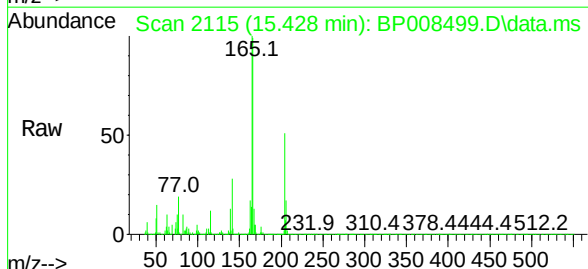
APPROVED

Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021

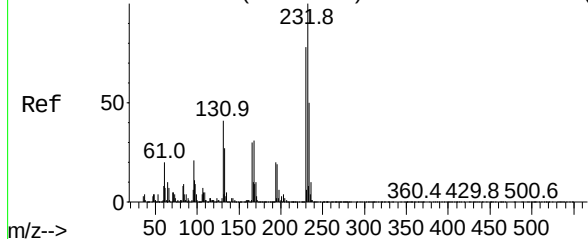


Fluorene
Concen: 43.285 ng
RT: 15.428 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.4	119.2
167	13.4	10.9	16.3



Abundance Scan 2049 (15.039 min): BP008394.D\data.ms (-2059) (-)



2,3,4,6-Tetrachlorophenol
Concen: 41.645 ng m
RT: 15.022 min Scan# 2049
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

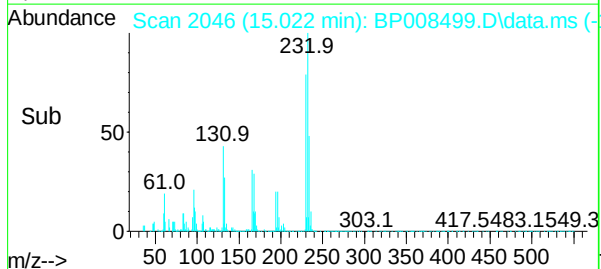
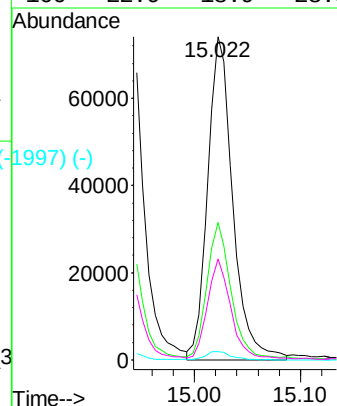
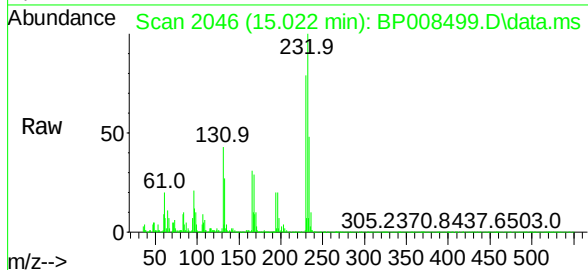
SB-15-GMSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.1	28.1	42.1
130	2.4	1.8	2.8
166	22.9	18.9	28.3

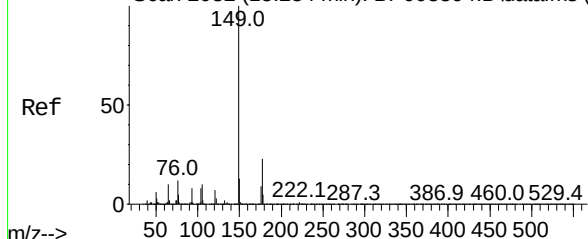
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021

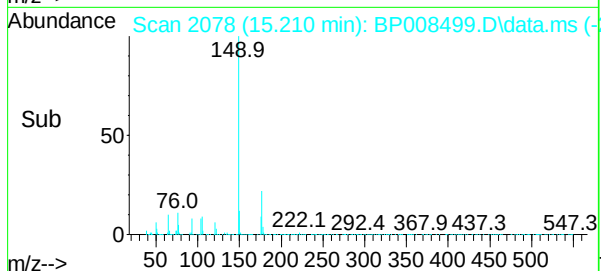
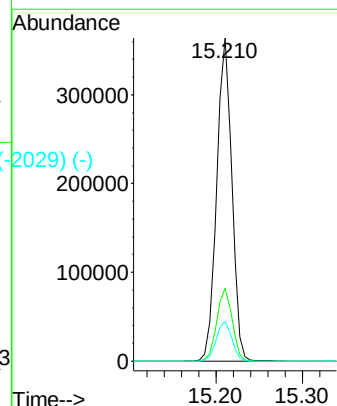
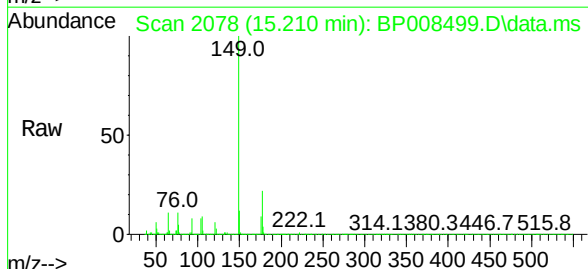


Abundance Scan 2082 (15.234 min): BP008394.D\data.ms (-2078) (-)



Diethylphthalate
Concen: 44.939 ng
RT: 15.210 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.2	27.2
150	12.2	10.3	15.5



Abundance Scan 2118 (15.445 min): BP008394.D\data.ms (-2160) (-)

4-Chlorophenyl-phenylether

Concen: 42.037 ng

RT: 15.422 min Scan# 2118

Delta R.T. -0.012 min

Lab File: BP008499.D

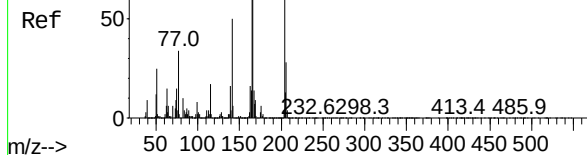
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

SB-15-GMSD



Tgt Ion: 204 Resp: 2338

Ion Ratio Lower Upper

204 100

206 33.3 26.1 39.3

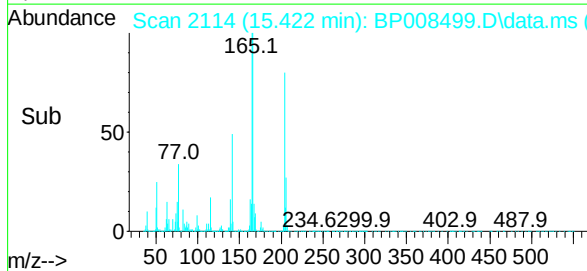
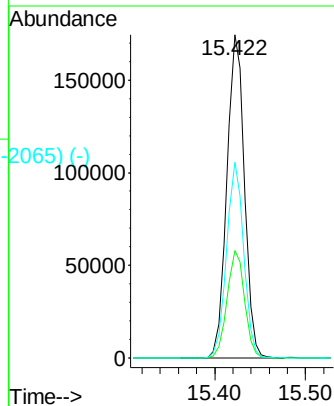
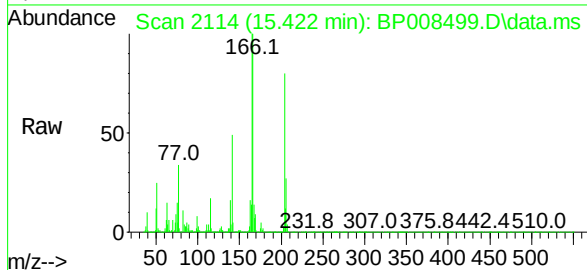
141 60.6 47.4 71.0

Manual Integrations

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Supervised By : mohammad ahmed 12/27/2021



Abundance Scan 2127 (15.498 min): BP008394.D\data.ms (-2162) (-)

4-Nitroaniline

Concen: 44.633 ng

RT: 15.481 min Scan# 2124

Delta R.T. -0.012 min

Lab File: BP008499.D

Acq: 18 Dec 2021 20:56

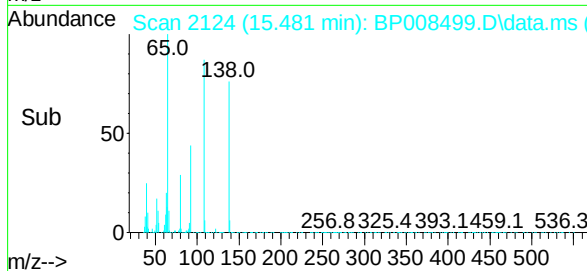
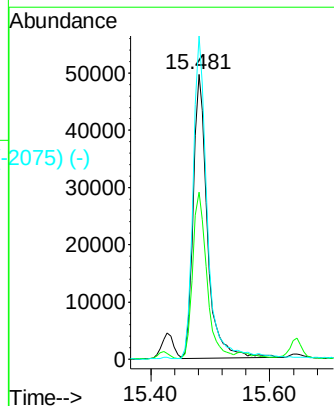
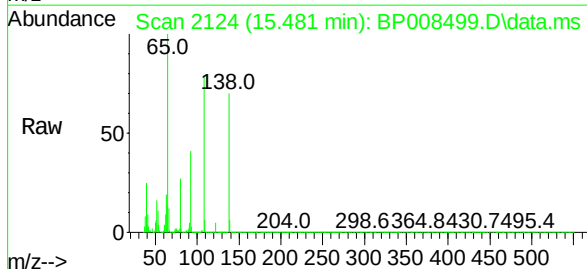
Tgt Ion: 138 Resp: 81978

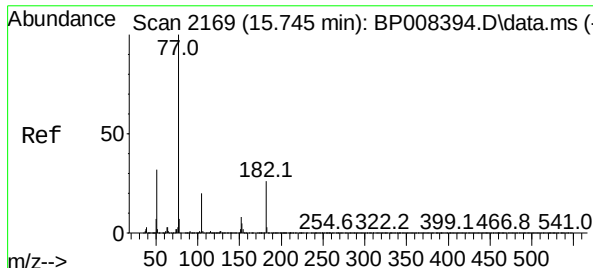
Ion Ratio Lower Upper

138 100

92 58.5 40.8 80.8

108 113.4 77.9 117.9





Azobenzene
Concen: 45.876 ng
RT: 15.716 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

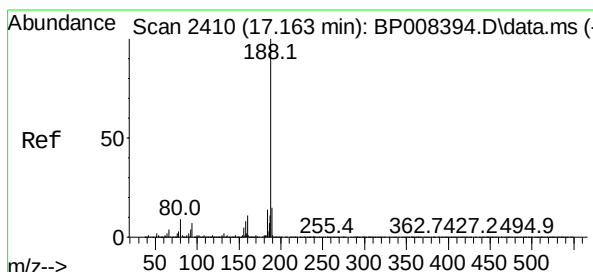
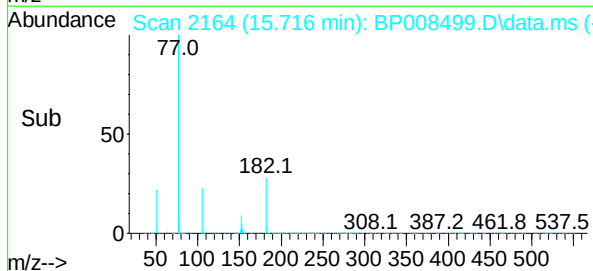
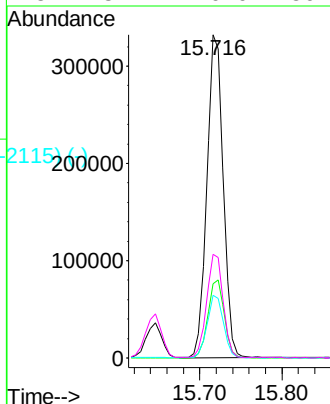
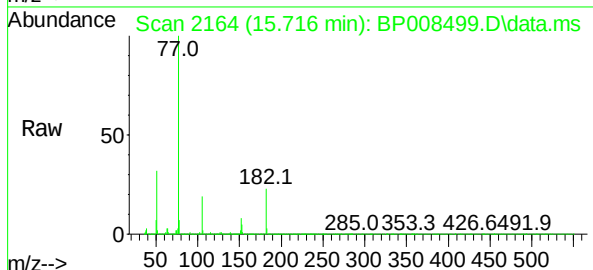
SB-15-GMSD

Tgt Ion: 77 Resp: 45778
Ion Ratio Lower Upper
77 100
182 22.9 3.8 43.8
105 19.4 0.5 40.5
51 32.2 10.0 50.0

Manual Integrations

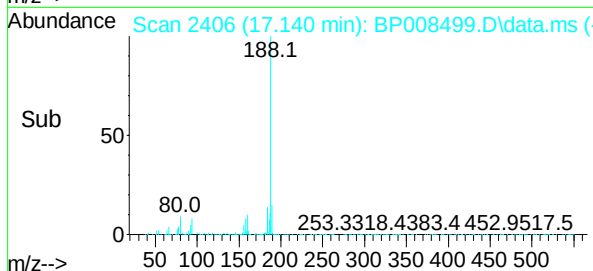
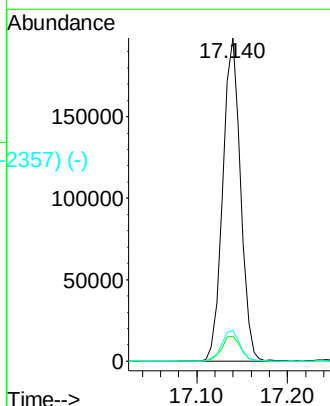
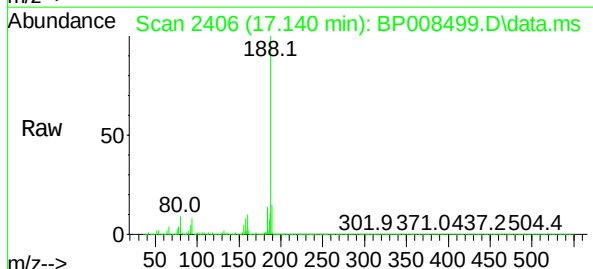
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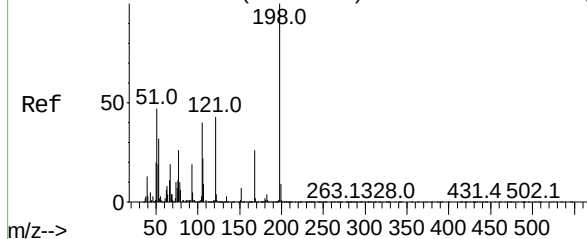


Phenanthrene-d10
Concen: 20.000 ng
RT: 17.140 min Scan# 2406
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:188 Resp: 269238
Ion Ratio Lower Upper
188 100
94 7.7 7.2 10.8
80 9.5 8.2 12.4



Abundance Scan 2138 (15.563 min): BP008394.D\data.ms (-2138) (-)



4,6-Dinitro-2-methylphenol
Concen: 30.650 ng
RT: 15.557 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

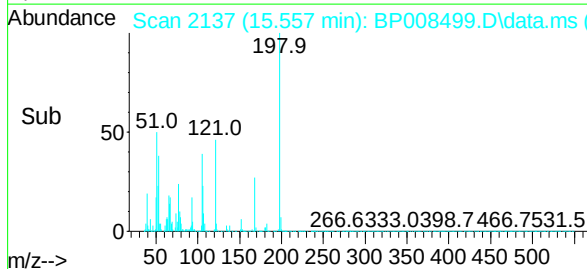
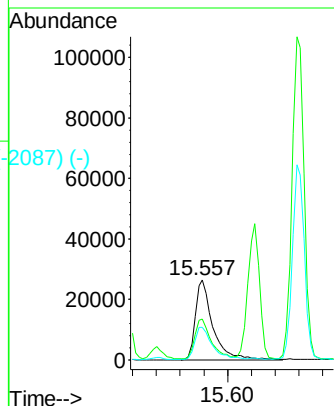
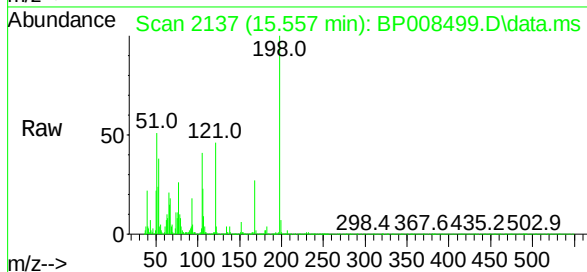
SB-15-GMSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	50.9	25.9	65.9
105	40.7	20.2	60.2

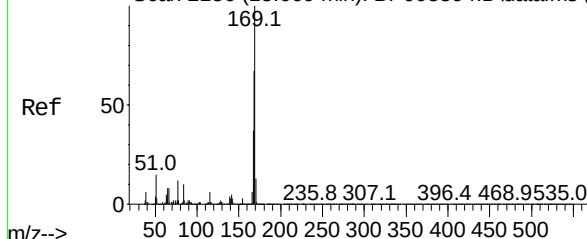
Manual Integrations

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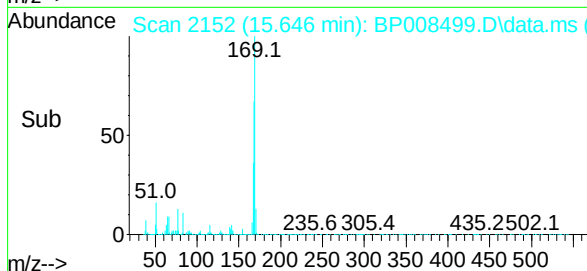
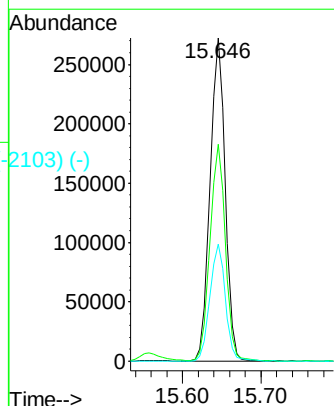
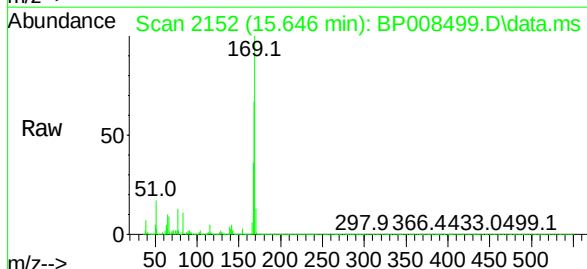


Abundance Scan 2156 (15.669 min): BP008394.D\data.ms (-2156) (-)

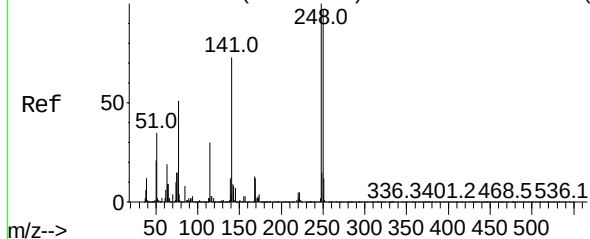


n-Nitrosodiphenylamine
Concen: 42.818 ng
RT: 15.646 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.5	80.3
167	36.3	29.3	43.9



Abundance Scan 2271 (16.345 min): BP008394.D\data.ms (-2267) (-)



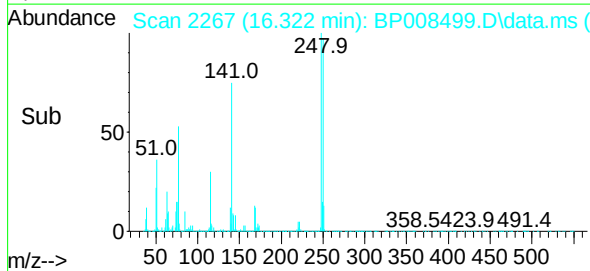
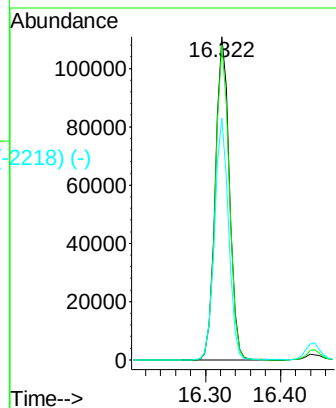
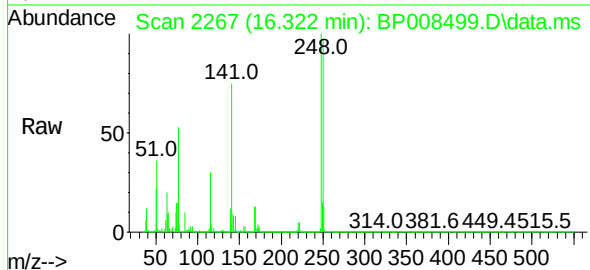
4-Bromophenyl-phenylether
Concen: 41.366 ng
RT: 16.322 min Scan# 2162
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :
BNA_P
ClientSampleId :
SB-15-GMSD

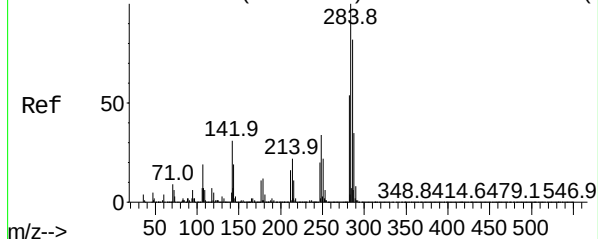
Tgt Ion:248 Resp: 14500
Ion Ratio Lower Upper
248 100
250 97.4 78.6 117.8
141 74.9 57.0 85.6

Manual Integrations
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Supervised By :mohammad ahmed 12/27/2021

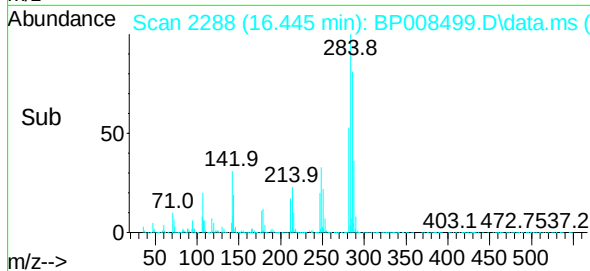
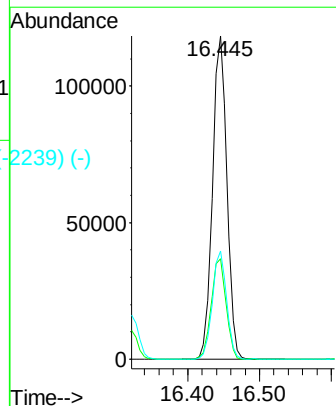
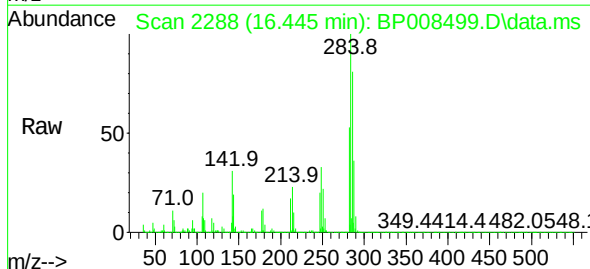


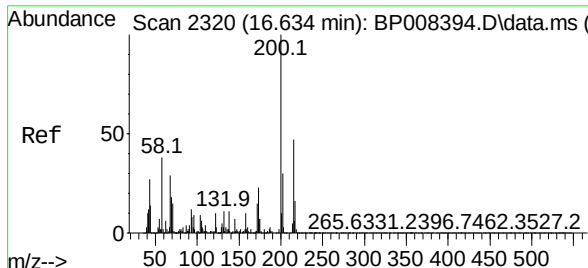
Abundance Scan 2292 (16.469 min): BP008394.D\data.ms (-2268) (-)



Hexachlorobenzene
Concen: 42.591 ng
RT: 16.445 min Scan# 2288
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:284 Resp: 164486
Ion Ratio Lower Upper
284 100
142 31.0 28.6 42.8
249 33.5 27.1 40.7





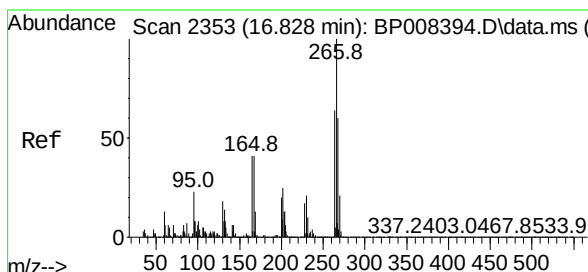
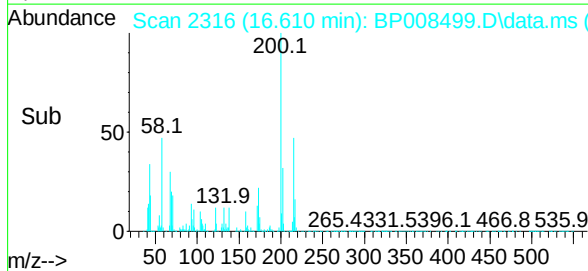
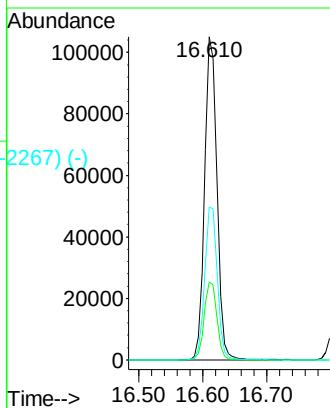
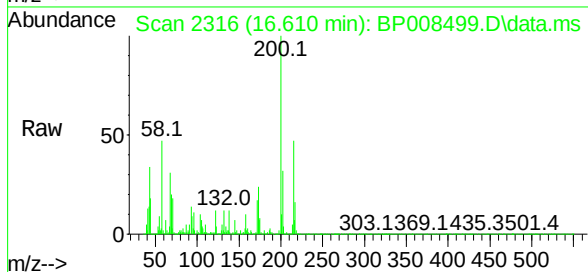
Atrazine
Concen: 75.652 ng
RT: 16.610 min Scan# 2319
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :
BNA_P
Client Sample Id :
SB-15-GMSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.2	6.8	46.8
215	47.3	28.4	68.4

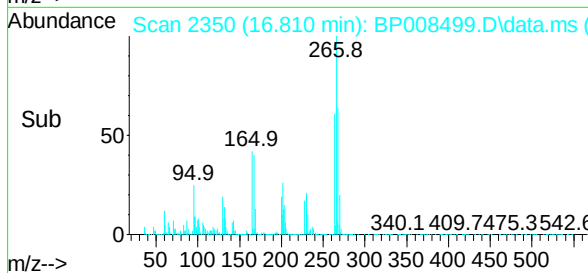
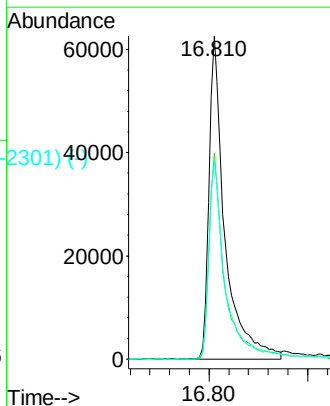
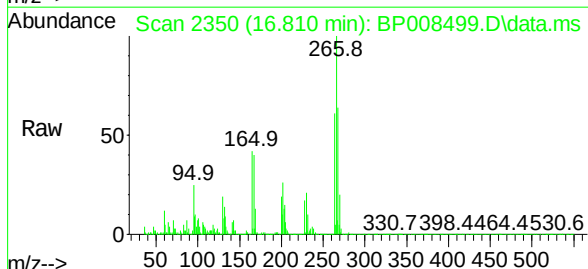
Manual Integrations
APPROVED

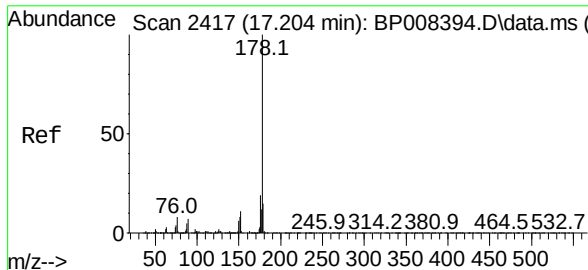
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Pentachlorophenol
Concen: 80.960 ng
RT: 16.810 min Scan# 2350
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.1	75.1
264	61.5	49.5	74.3





Scan 2417 (17.204 min): BP008394.D\data.ms (-2476)
 Phenanthrene
 Concen: 44.427 ng
 RT: 17.181 min Scan# 2417
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

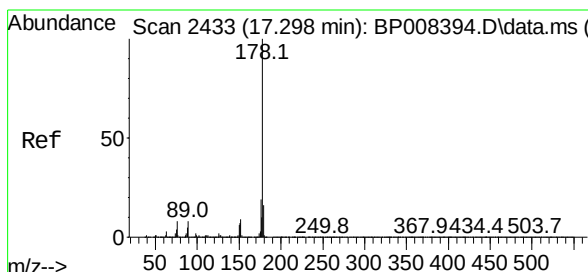
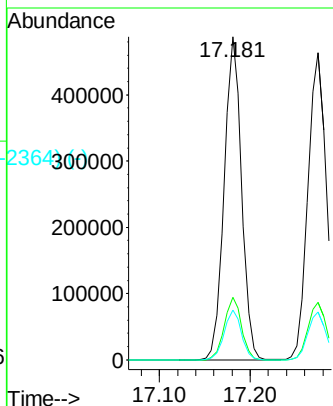
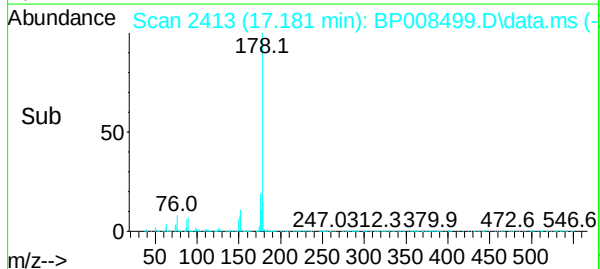
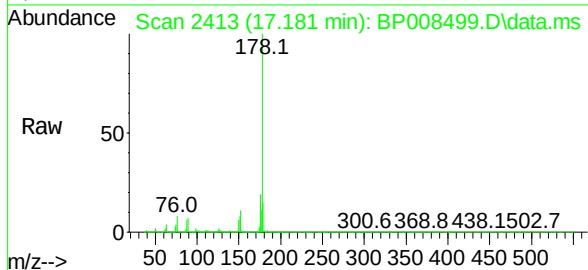
SB-15-GMSD

Tgt Ion:178 Resp: 64793
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 15.4 12.5 18.7

Manual Integrations

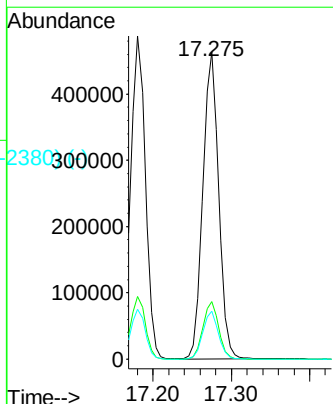
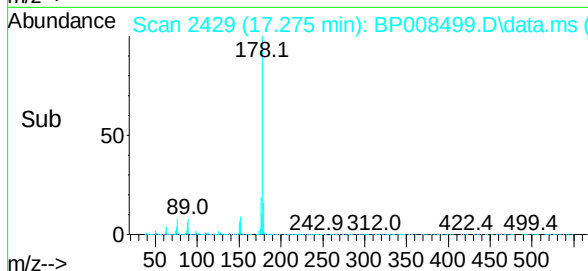
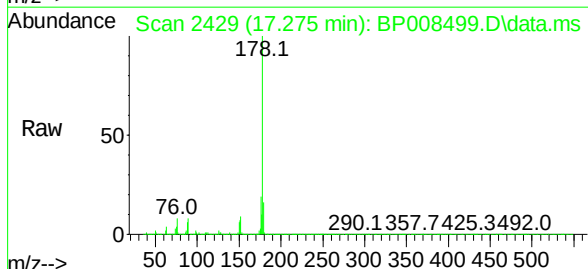
APPROVED

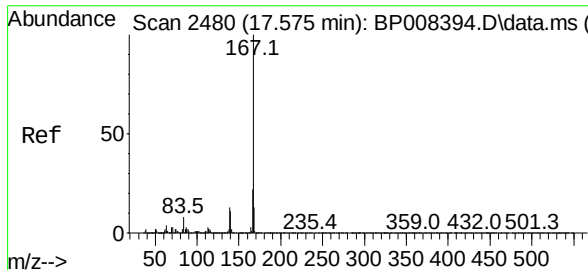
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 Supervised By :mohammad ahmed 12/27/2021



Scan 2433 (17.298 min): BP008394.D\data.ms (-2476)
 Anthracene
 Concen: 45.137 ng
 RT: 17.275 min Scan# 2429
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion:178 Resp: 649487
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 15.5 12.3 18.5





Carbazole
Concen: 43.221 ng
RT: 17.557 min Scan# 2477
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

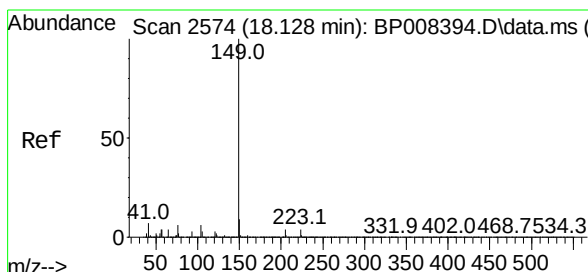
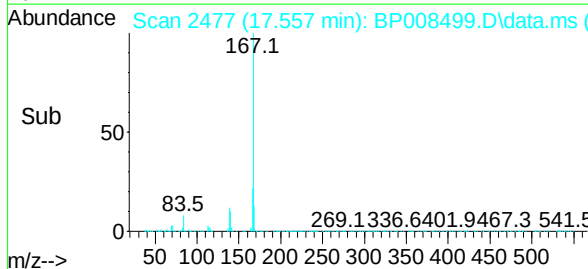
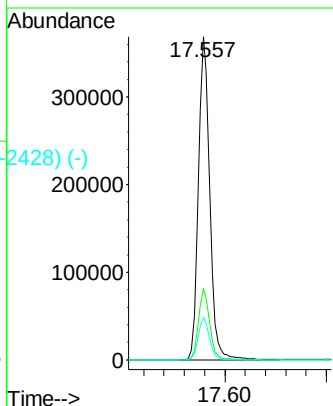
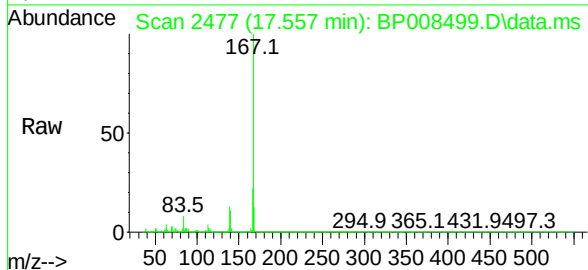
SB-15-GMSD

Tgt Ion:167 Resp: 56911
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.0
139 13.2 10.2 15.2

Manual Integrations

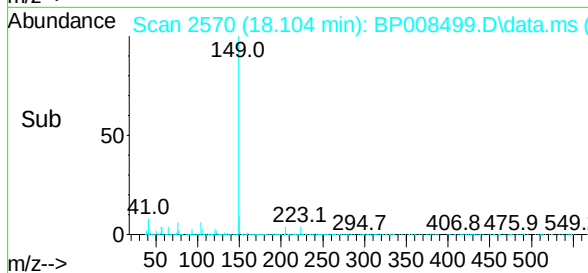
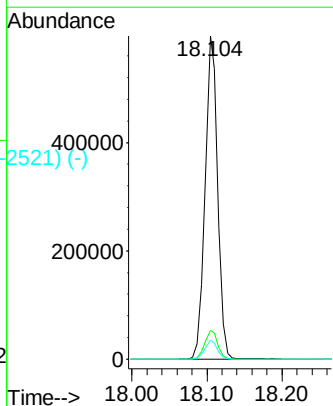
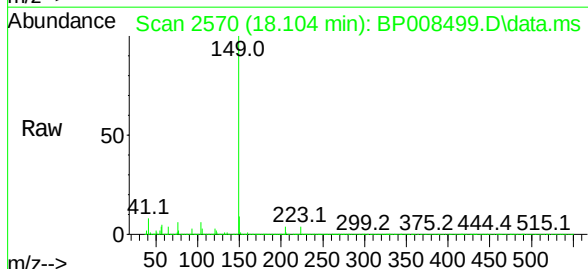
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Supervised By :mohammad ahmed 12/27/2021

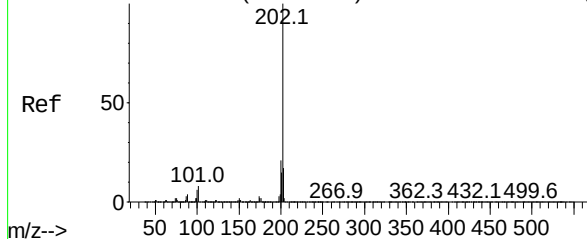


Di-n-butylphthalate
Concen: 46.656 ng
RT: 18.104 min Scan# 2570
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:149 Resp: 704833
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 5.8 4.4 6.6



Abundance Scan 2754 (19.186 min): BP008394.D\data.ms (-2775) (-)



Fluoranthene

Concen: 47.230 ng

RT: 19.163 min Scan# 2754

Delta R.T. -0.012 min

Lab File: BP008499.D

Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

SB-15-GMSD

Tgt Ion:202 Resp: 77768

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.8

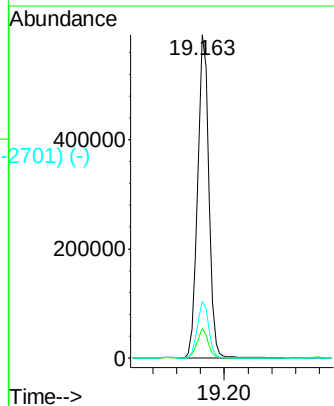
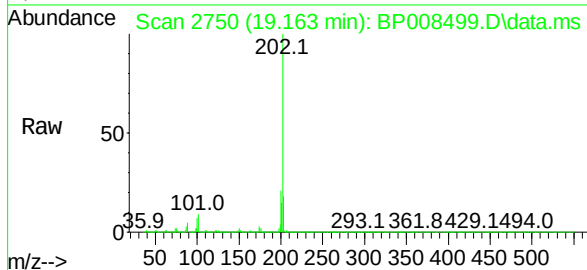
203 17.6 0.0 37.7

Manual Integrations

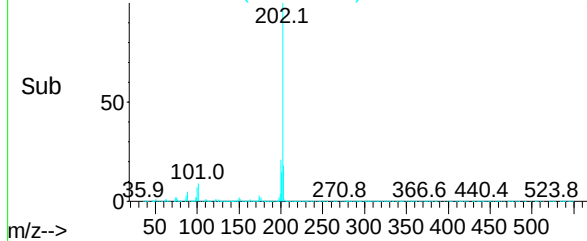
APPROVED

Reviewed By :Christian Giraldo 12/20/2021

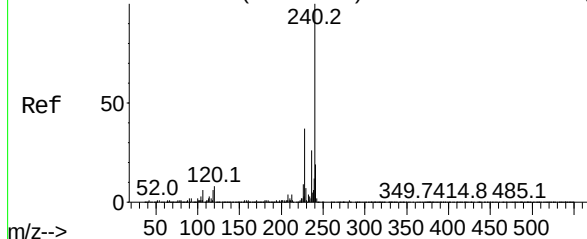
Supervised By :mohammad ahmed 12/27/2021



Abundance Scan 2750 (19.163 min): BP008499.D\data.ms (-2701) (-)



Abundance Scan 3108 (21.269 min): BP008394.D\data.ms (-3099) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 21.251 min Scan# 3105

Delta R.T. -0.012 min

Lab File: BP008499.D

Acq: 18 Dec 2021 20:56

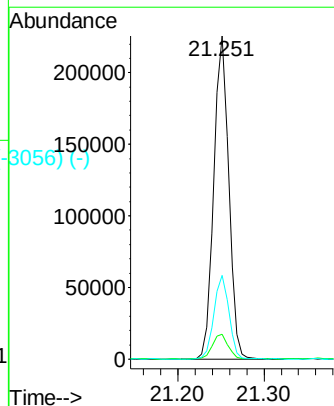
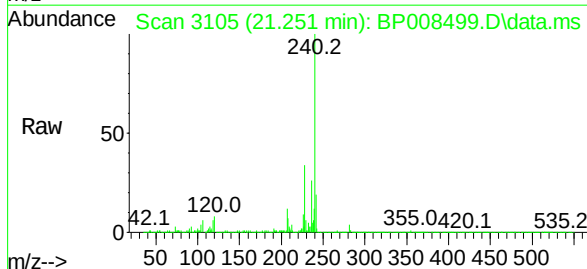
Tgt Ion:240 Resp: 272103

Ion Ratio Lower Upper

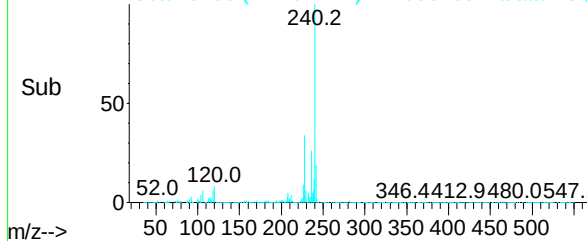
240 100

120 7.7 7.3 10.9

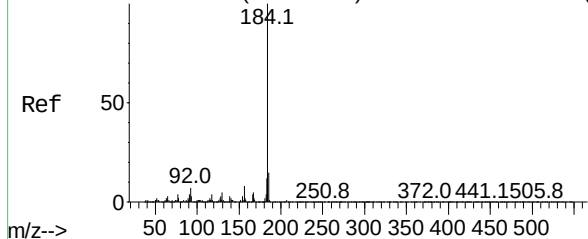
236 26.0 21.4 32.2



Abundance Scan 3105 (21.251 min): BP008499.D\data.ms (-3056) (-)



Abundance Scan 2786 (19.375 min): BP008394.D\data.ms (-2775) (-)



Benzidine
Concen: 114.890 ng
RT: 19.357 min Scan# 2786
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

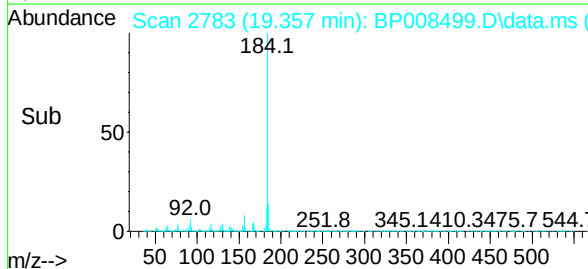
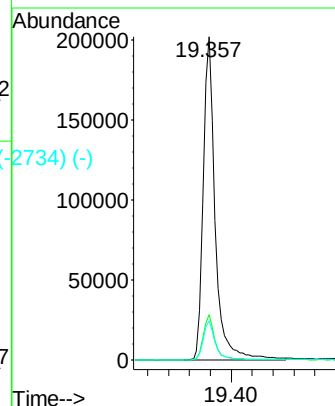
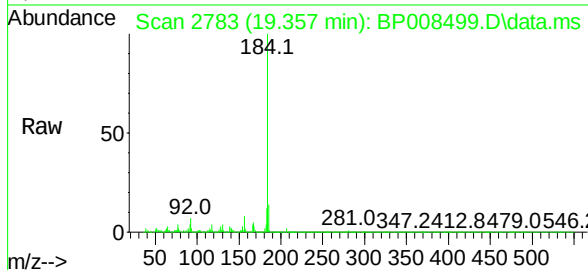
SB-15-GMSD

Tgt Ion:184 Resp: 31710
Ion Ratio Lower Upper
184 100
185 14.0 10.3 15.5
183 12.0 9.1 13.7

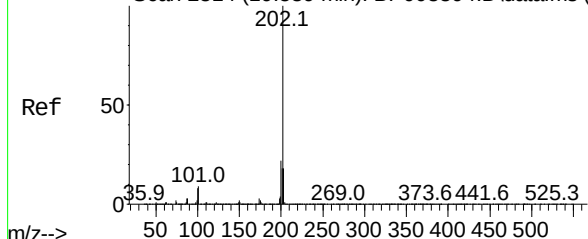
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021

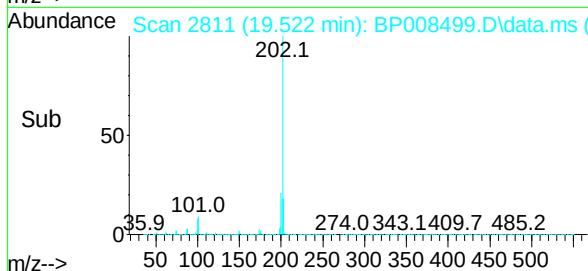
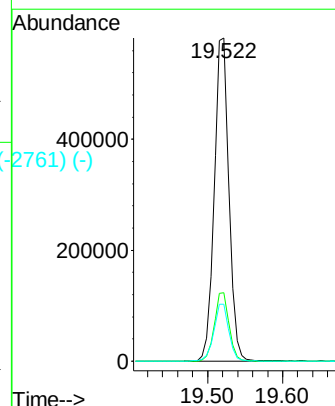
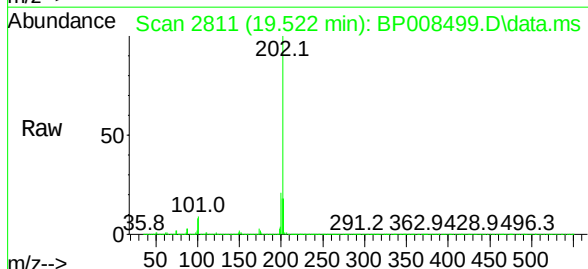


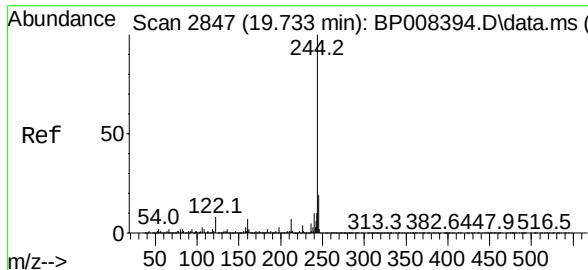
Abundance Scan 2814 (19.539 min): BP008394.D\data.ms (-2803) (-)



Pyrene
Concen: 41.046 ng
RT: 19.522 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:202 Resp: 799082
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.6 14.2 21.2





Terphenyl-d14
 Concen: 59.044 ng
 RT: 19.716 min Scan# 2844
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

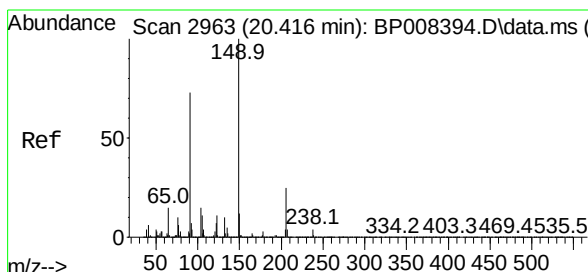
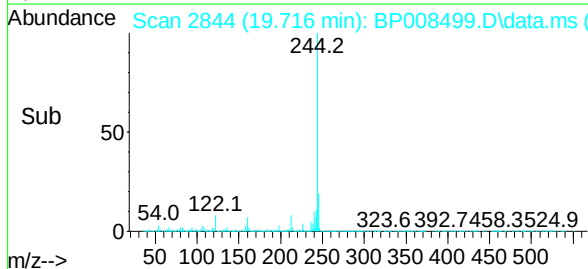
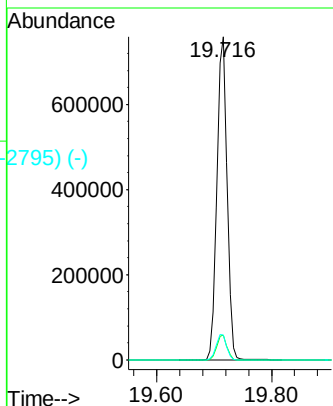
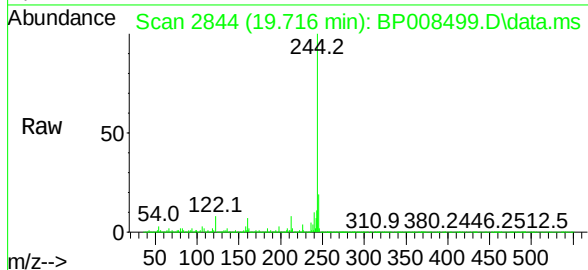
SB-15-GMSD

Tgt Ion:	244	Resp:	92313
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.0	9.0
122	7.6	6.6	9.8

Manual Integrations

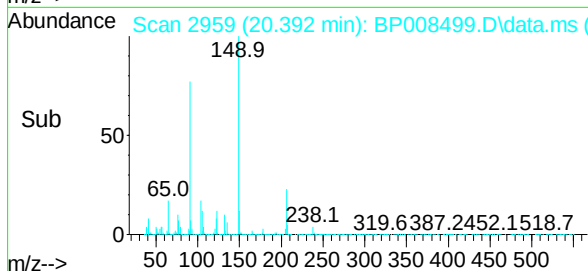
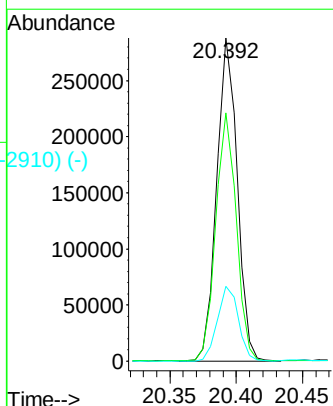
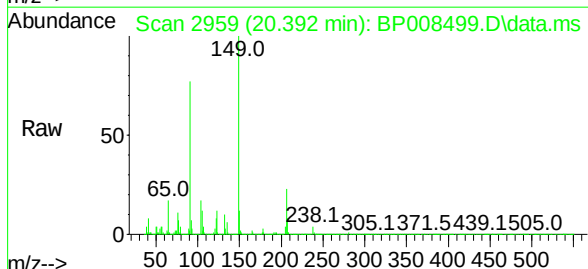
APPROVED

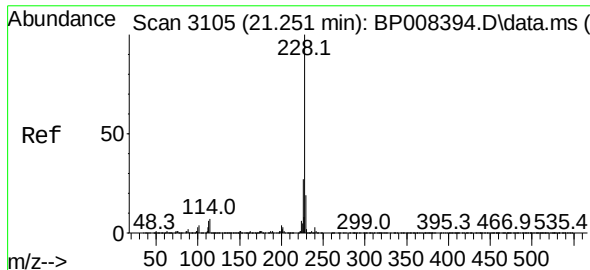
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Butylbenzylphthalate
 Concen: 43.377 ng
 RT: 20.392 min Scan# 2959
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion:	149	Resp:	307453
Ion Ratio	Lower	Upper	
149	100		
91	76.8	59.8	89.8
206	23.2	18.6	27.8





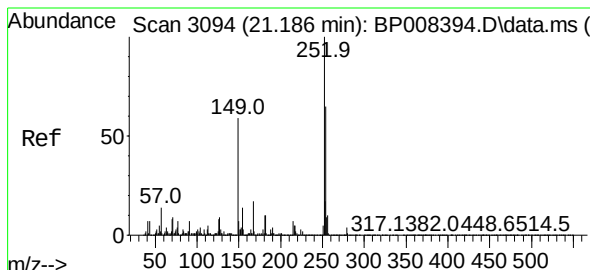
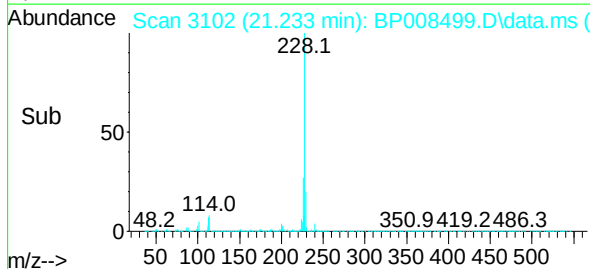
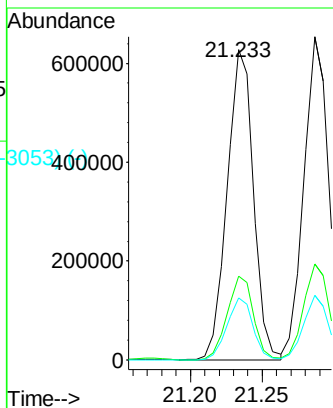
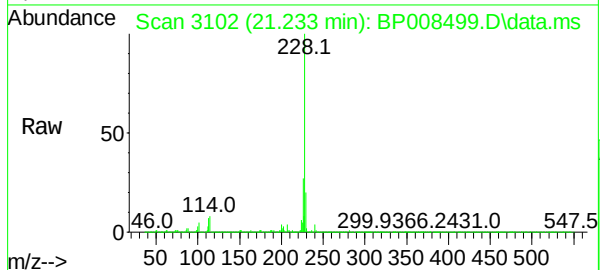
Benzo(a)anthracene
Concen: 43.891 ng
RT: 21.233 min Scan# 3098
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :
BNA_P
ClientSampleId :
SB-15-GMSD

Tgt Ion:	228	Resp:	80038
Ion Ratio	Lower	Upper	
228	100		
226	26.9	21.9	32.9
229	19.9	15.9	23.9

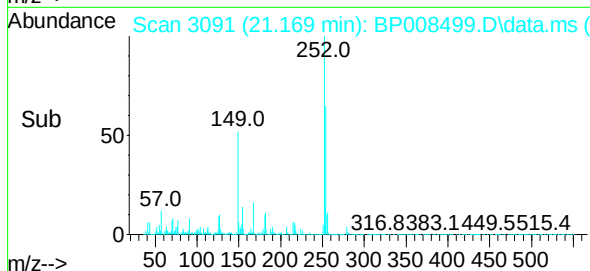
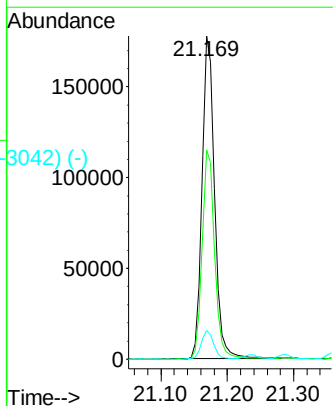
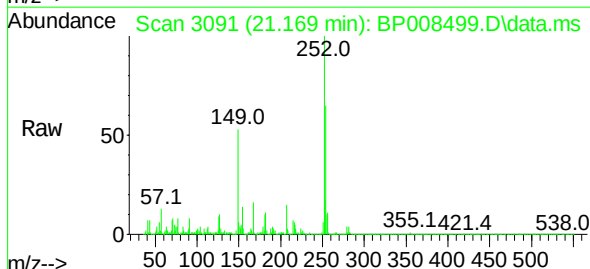
Manual Integrations
APPROVED

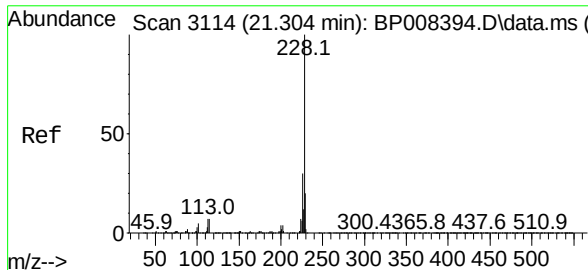
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



3,3'-Dichlorobenzidine
Concen: 28.220 ng
RT: 21.169 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:	252	Resp:	236775
Ion Ratio	Lower	Upper	
252	100		
254	64.7	52.4	78.6
126	8.8	7.6	11.4





Scan 3114 (21.304 min): BP008394.D\data.ms (-3114)
 Chrysene
 Concen: 44.974 ng
 RT: 21.286 min Scan# 3114
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

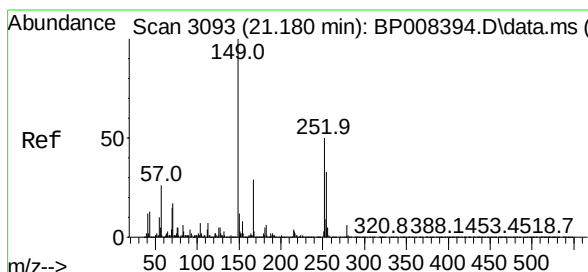
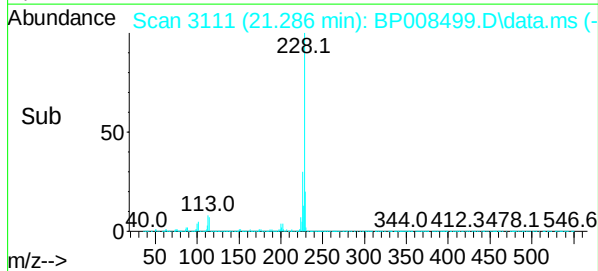
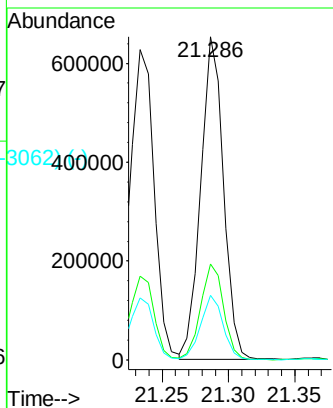
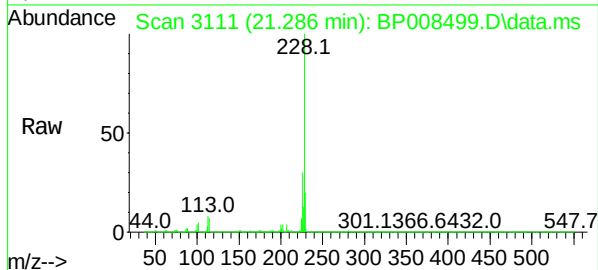
SB-15-GMSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	20.0	15.8	23.8

Manual Integrations

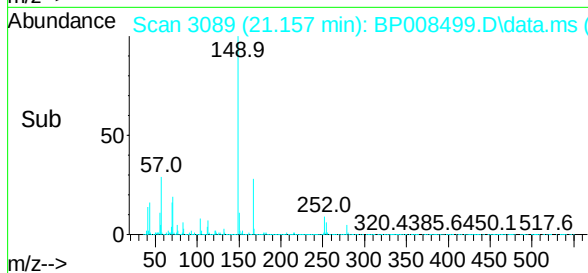
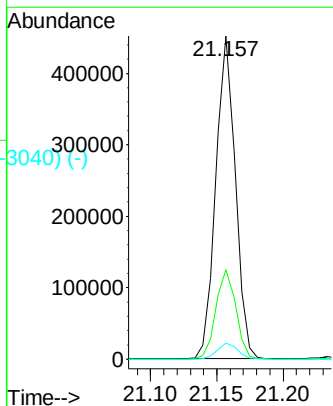
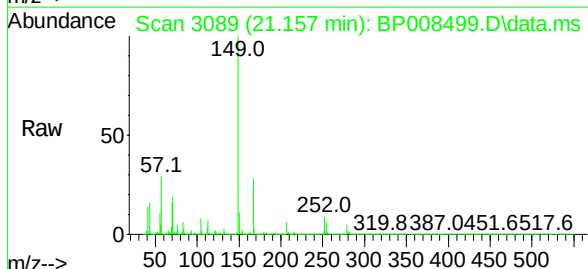
APPROVED

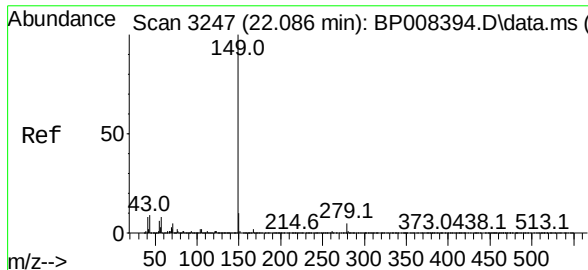
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 3093 (21.180 min): BP008394.D\data.ms (-3093)
 Bis(2-ethylhexyl)phthalate
 Concen: 46.202 ng
 RT: 21.157 min Scan# 3089
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.5	33.7
279	5.0	3.5	5.3





Scan 3247 (22.086 min): BP008394.D\data.ms (-3235)
 Di-n-octyl phthalate
 Concen: 46.920 ng
 RT: 22.063 min Scan# 3247
 Delta R.T. -0.012 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

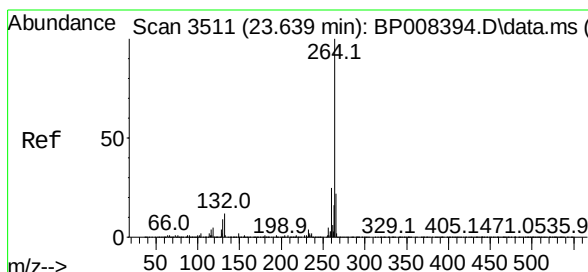
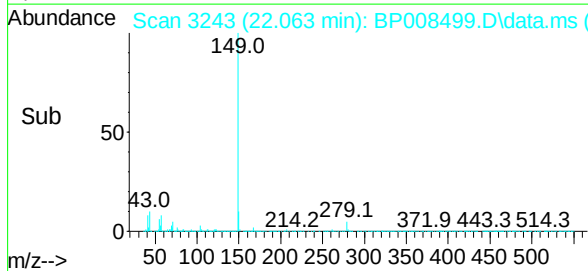
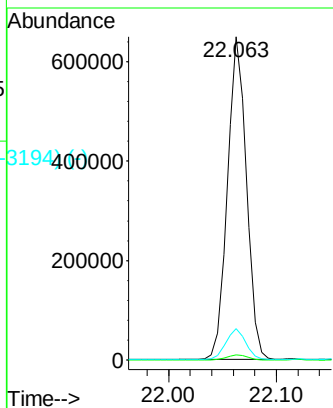
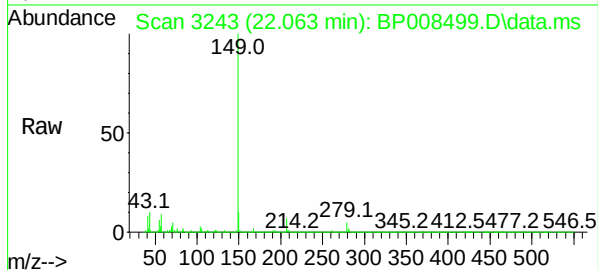
SB-15-GMSD

Tgt Ion:149 Resp: 80760
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 9.9 7.9 11.9

Manual Integrations

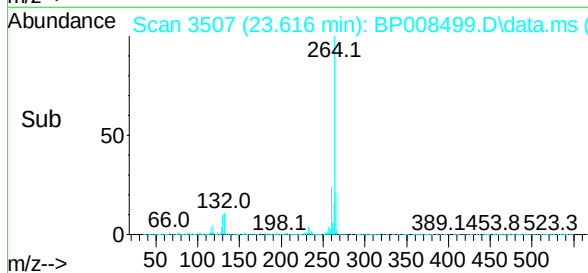
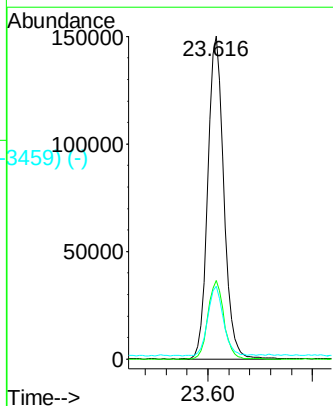
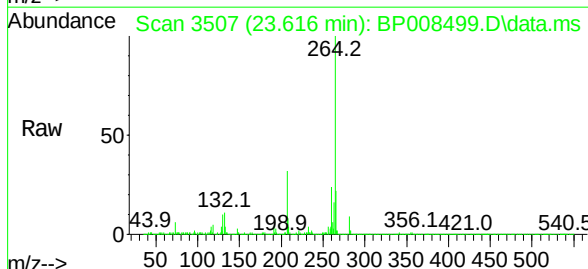
APPROVED

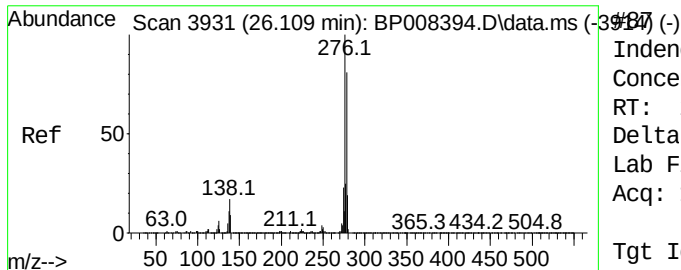
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 3511 (23.639 min): BP008394.D\data.ms (-3506)
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.616 min Scan# 3507
 Delta R.T. -0.018 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion:264 Resp: 316376
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 22.5 17.6 26.4





Indeno(1,2,3-cd)pyrene
Concen: 48.421 ng
RT: 26.080 min Scan# 3927
Delta R.T. -0.018 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

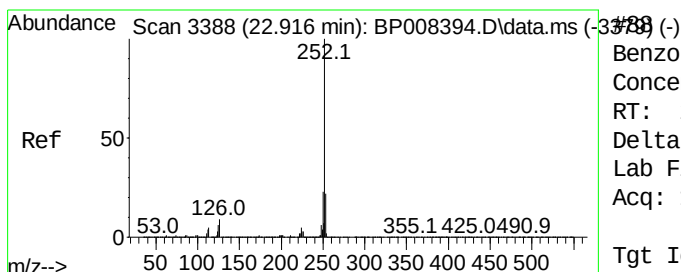
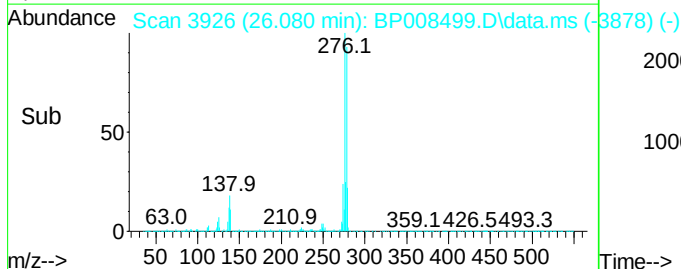
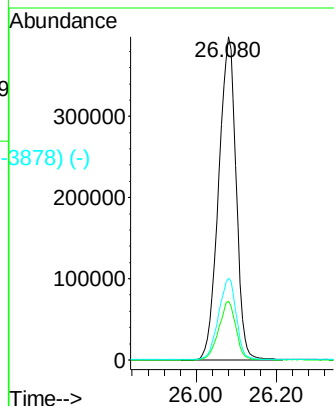
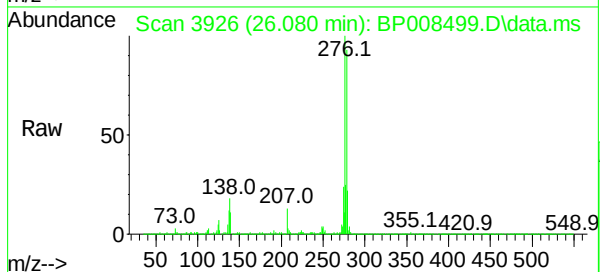
SB-15-GMSD

Tgt Ion:276 Resp: 120586
Ion Ratio Lower Upper
276 100
138 17.6 16.6 25.0
277 25.4 20.2 30.2

Manual Integrations

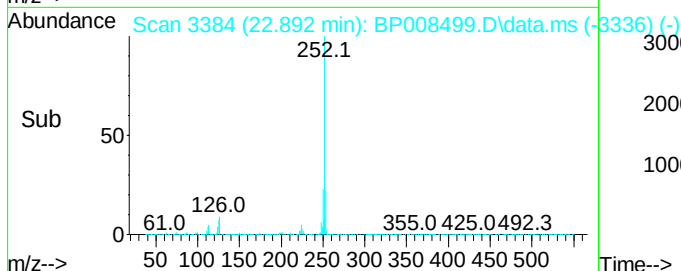
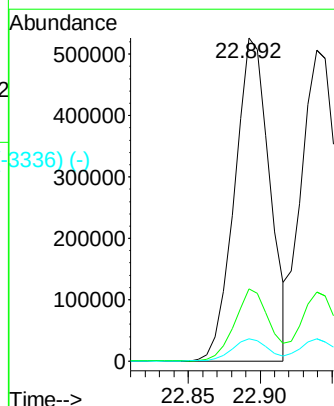
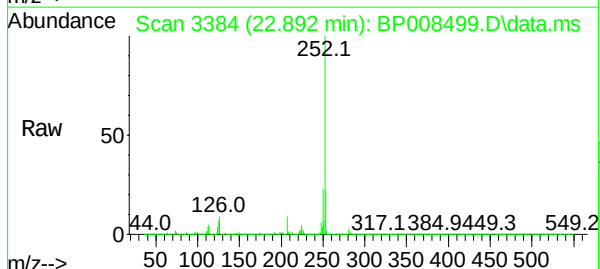
APPROVED

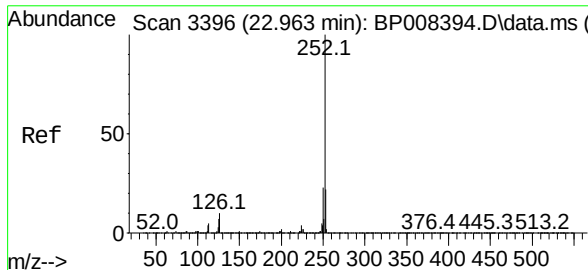
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Benzo(b)fluoranthene
Concen: 47.043 ng
RT: 22.892 min Scan# 3384
Delta R.T. -0.018 min
Lab File: BP008499.D
Acq: 18 Dec 2021 20:56

Tgt Ion:252 Resp: 895291
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 6.8 6.2 9.4





Scan 3396 (22.963 min): BP008394.D\data.ms (-3396) (-)
 Benzo(k)fluoranthene
 Concen: 45.824 ng
 RT: 22.939 min Scan# 3396
 Delta R.T. -0.017 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

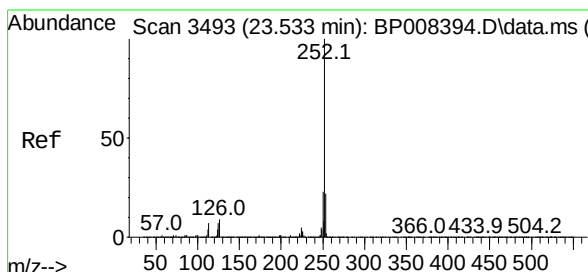
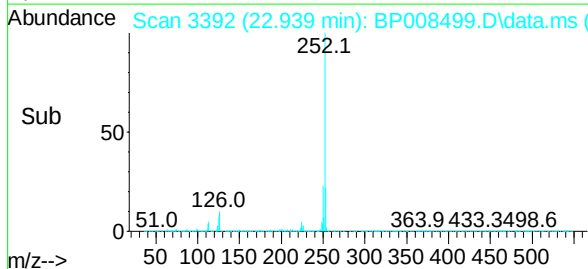
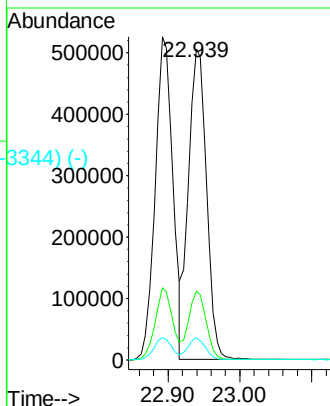
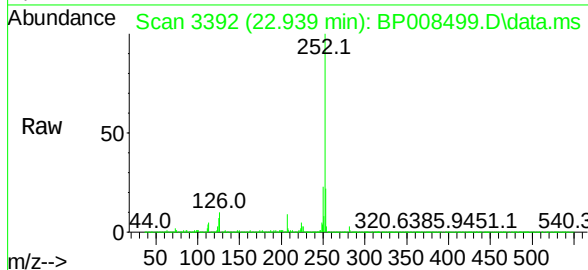
SB-15-GMSD

Tgt Ion:252 Resp: 87945
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.3 25.9
 125 7.2 6.5 9.7

Manual Integrations

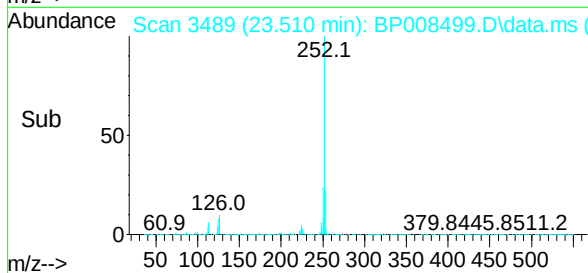
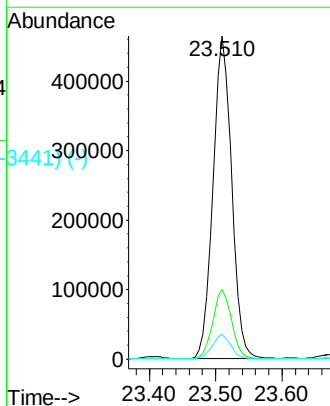
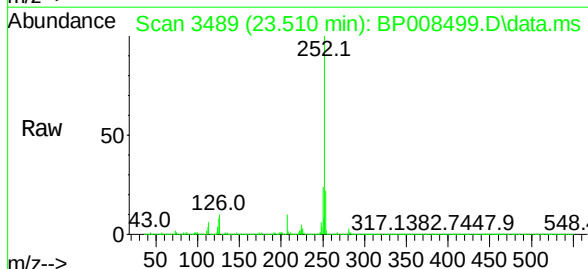
APPROVED

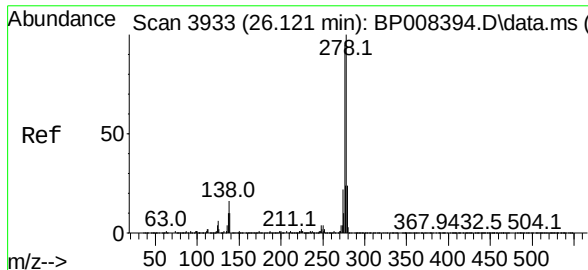
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 3493 (23.533 min): BP008394.D\data.ms (-3493) (-)
 Benzo(a)pyrene
 Concen: 54.550 ng
 RT: 23.510 min Scan# 3489
 Delta R.T. -0.018 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion:252 Resp: 901079
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.6 26.4
 125 7.7 7.4 11.0





Scan 3933 (26.121 min): BP008394.D\data.ms (-3933) (-)
 Dibenzo(a,h)anthracene
 Concen: 49.016 ng
 RT: 26.086 min Scan# 3933
 Delta R.T. -0.023 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Instrument :

BNA_P

ClientSampleId :

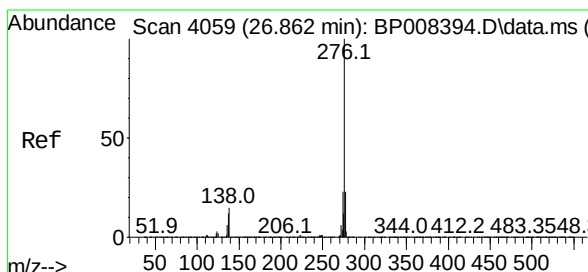
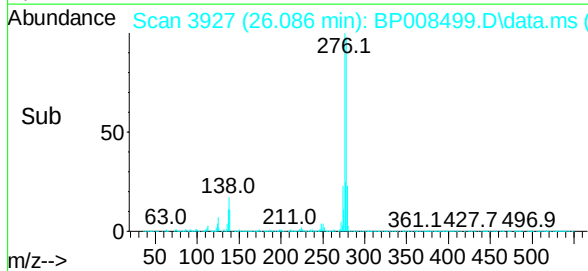
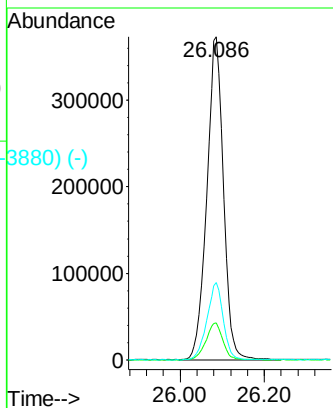
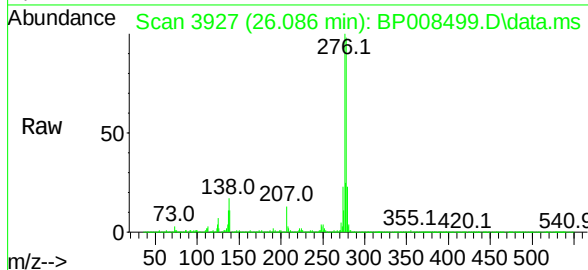
SB-15-GMSD

Tgt Ion:278 Resp: 102186
 Ion Ratio Lower Upper
 278 100
 139 11.5 10.8 16.2
 279 24.0 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 4059 (26.862 min): BP008394.D\data.ms (-4059) (-)
 Benzo(g,h,i)perylene
 Concen: 49.668 ng
 RT: 26.833 min Scan# 4054
 Delta R.T. -0.023 min
 Lab File: BP008499.D
 Acq: 18 Dec 2021 20:56

Tgt Ion:276 Resp: 1025350
 Ion Ratio Lower Upper
 276 100
 277 24.1 20.0 30.0
 138 14.9 14.1 21.1

