

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008492.D
 Acq On : 18 Dec 2021 16:53
 Operator : CG/JU
 Sample : PB141358BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141358BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 00:51:26 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	67253	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	281795	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	198824	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	422433	20.000	ng	0.00
76) Chrysene-d12	21.257	240	496986	20.000	ng	0.00
86) Perylene-d12	23.615	264	554677	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	535426	125.729	ng	0.00
7) Phenol-d6	6.928	99	709097	123.978	ng	0.00
23) Nitrobenzene-d5	8.887	82	481677	72.415	ng	-0.01
42) 2,4,6-Tribromophenol	15.886	330	353625	121.027	ng	0.00
45) 2-Fluorobiphenyl	12.992	172	1094257	69.962	ng	-0.01
79) Terphenyl-d14	19.721	244	2005890	70.244	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	52564	31.482	ng	98
3) Pyridine	3.628	79	131839	25.682	ng	100
4) n-Nitrosodimethylamine	3.540	42	89452	44.153	ng	94
6) Aniline	7.057	93	300930	45.457	ng	97
8) 2-Chlorophenol	7.299	128	201128	46.339	ng	98
9) Benzaldehyde	6.875	77	114305	35.372	ng	96
10) Phenol	6.952	94	281826	48.523	ng	98
11) bis(2-Chloroethyl)ether	7.152	93	202802	41.853	ng	98
12) 1,3-Dichlorobenzene	7.610	146	200651	39.975	ng	100
13) 1,4-Dichlorobenzene	7.757	146	207641	40.649	ng	98
14) 1,2-Dichlorobenzene	8.069	146	202789	40.948	ng	97
15) Benzyl Alcohol	7.981	79	220801m	47.992	ng	
16) 2,2'-oxybis(1-Chloropr...	8.257	45	303666	44.296	ng	97
17) 2-Methylphenol	8.193	107	184211	47.944	ng	98
18) Hexachloroethane	8.787	117	79996	42.214	ng	93
19) n-Nitroso-di-n-propyla...	8.540	70	179264	42.256	ng	99
20) 3+4-Methylphenols	8.528	107	250787	47.390	ng	97
22) Acetophenone	8.557	105	318751	38.463	ng	# 98
24) Nitrobenzene	8.934	77	257862	41.304	ng	97
25) Isophorone	9.463	82	471803	42.389	ng	98
26) 2-Nitrophenol	9.640	139	113373	41.093	ng	# 94
27) 2,4-Dimethylphenol	9.716	122	196296	49.614	ng	97
28) bis(2-Chloroethoxy)met...	9.940	93	282161	41.010	ng	98
29) 2,4-Dichlorophenol	10.198	162	212436	43.693	ng	97
30) 1,2,4-Trichlorobenzene	10.381	180	222906	38.674	ng	98
31) Naphthalene	10.563	128	598144	40.477	ng	100
32) Benzoic acid	9.957	122	124816	43.034	ng	98
33) 4-Chloroaniline	10.698	127	184366	31.144	ng	98
34) Hexachlorobutadiene	10.845	225	154855	36.754	ng	97
35) Caprolactam	11.528	113	69493m	75.479	ng	
36) 4-Chloro-3-methylphenol	11.851	107	253081	46.584	ng	94
37) 2-Methylnaphthalene	12.187	142	452790	44.457	ng	96
38) 1-Methylnaphthalene	12.404	142	420407	42.398	ng	99
40) 1,2,4,5-Tetrachloroben...	12.563	216	273591	36.017	ng	100
41) Hexachlorocyclopentadiene	12.534	237	160970	76.943	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

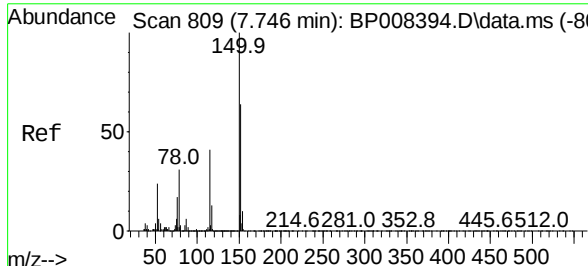
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.822	196	184985	38.762	ng	96
44) 2,4,5-Trichlorophenol	12.910	196	198780	39.937	ng	99
46) 1,1'-Biphenyl	13.204	154	589070	38.348	ng	99
47) 2-Chloronaphthalene	13.251	162	474367	38.717	ng	98
48) 2-Nitroaniline	13.475	65	179294	43.509	ng	99
49) Acenaphthylene	14.098	152	746387	41.440	ng	99
50) Dimethylphthalate	13.845	163	647859	43.037	ng	100
51) 2,6-Dinitrotoluene	13.975	165	142076	45.210	ng	99
52) Acenaphthene	14.439	154	442863	41.338	ng	100
53) 3-Nitroaniline	14.310	138	102368	34.577	ng	95
54) 2,4-Dinitrophenol	14.539	184	167064	101.840	ng	93
55) Dibenzofuran	14.781	168	730774	40.096	ng	99
56) 4-Nitrophenol	14.663	139	178594	103.919	ng	91
57) 2,4-Dinitrotoluene	14.781	165	203225	48.404	ng	# 81
58) Fluorene	15.433	166	599684	42.443	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	179975m	42.332	ng	
60) Diethylphthalate	15.216	149	653793	45.763	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	330284	40.912	ng	99
62) 4-Nitroaniline	15.486	138	125671	47.142	ng	90
63) Azobenzene	15.722	77	652225	45.033	ng	98
65) 4,6-Dinitro-2-methylph...	15.557	198	117420	42.543	ng	97
66) n-Nitrosodiphenylamine	15.651	169	537195	40.390	ng	99
67) 4-Bromophenyl-phenylether	16.328	248	215440	39.156	ng	99
68) Hexachlorobenzene	16.451	284	240373	39.669	ng	93
69) Atrazine	16.622	200	218616	74.612	ng	98
70) Pentachlorophenol	16.810	266	250182	92.386	ng	99
71) Phenanthrene	17.186	178	964091	42.131	ng	99
72) Anthracene	17.280	178	992476	43.961	ng	99
73) Carbazole	17.563	167	882777	42.729	ng	99
74) Di-n-butylphthalate	18.110	149	1131956	47.756	ng	100
75) Fluoranthene	19.169	202	1224904	47.413	ng	98
77) Benzidine	19.357	184	732931	145.389	ng	98
78) Pyrene	19.521	202	1265404	35.588	ng	100
80) Butylbenzylphthalate	20.398	149	550937	42.557	ng	99
81) Benzo(a)anthracene	21.239	228	1363858	40.948	ng	100
82) 3,3'-Dichlorobenzidine	21.174	252	459072	29.956	ng	99
83) Chrysene	21.292	228	1327621	41.730	ng	99
84) Bis(2-ethylhexyl)phtha...	21.163	149	836721	45.904	ng	# 98
85) Di-n-octyl phthalate	22.068	149	1527157	48.578	ng	99
87) Indeno(1,2,3-cd)pyrene	26.092	276	1757026	40.242	ng	96
88) Benzo(b)fluoranthene	22.904	252	1492314	44.725	ng	99
89) Benzo(k)fluoranthene	22.951	252	1491721	44.333	ng	98
90) Benzo(a)pyrene	23.515	252	1466566	50.641	ng	99
91) Dibenzo(a,h)anthracene	26.098	278	1504748	41.169	ng	97
92) Benzo(g,h,i)perylene	26.845	276	1433842	39.616	ng	96

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

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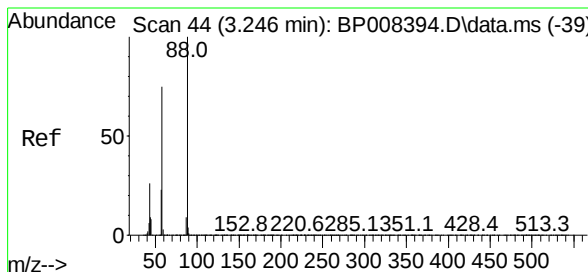
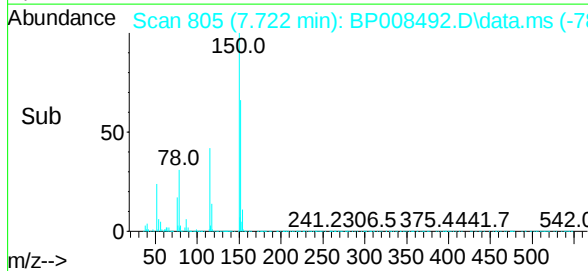
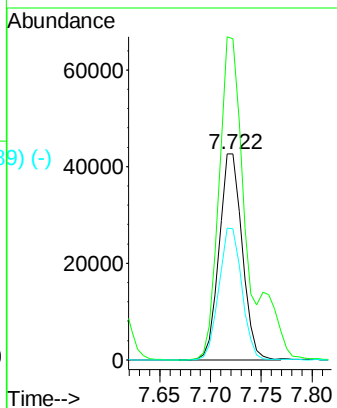
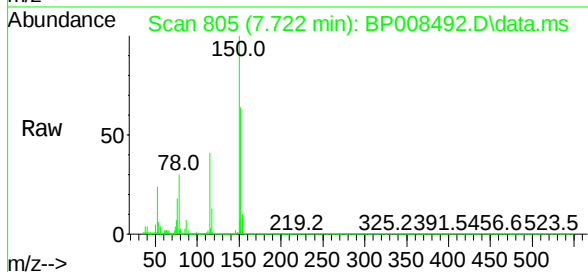
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 809
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Instrument :
 BNA_P
 ClientSampleId :
 PB141358BS

Tgt Ion: 152 Resp: 6725
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.7 188.5
 115 63.8 50.7 76.1

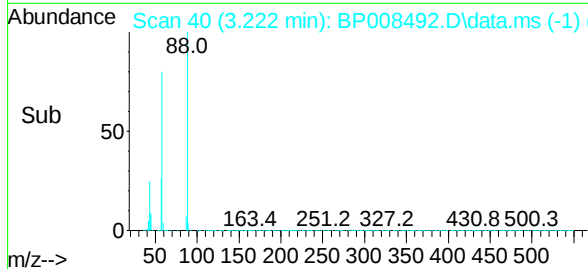
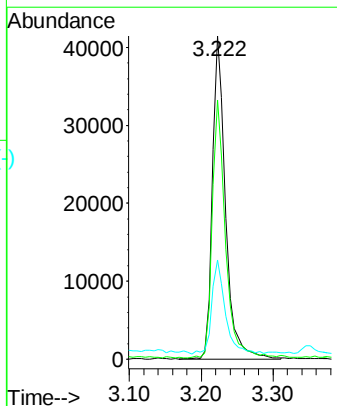
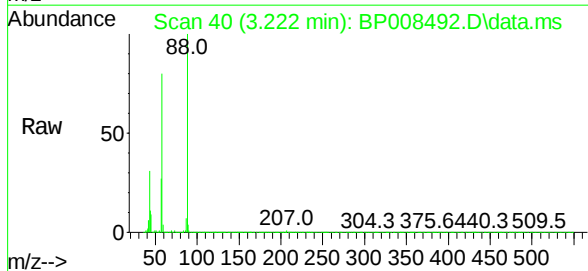
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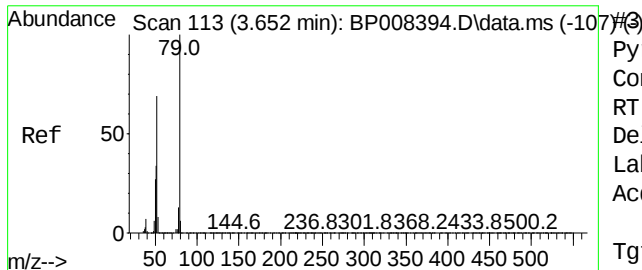
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1,4-Dioxane
 Concen: 31.482 ng
 RT: 3.222 min Scan# 40
 Delta R.T. -0.012 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Tgt Ion: 88 Resp: 52564
 Ion Ratio Lower Upper
 88 100
 58 80.7 63.5 95.3
 43 30.2 23.4 35.2





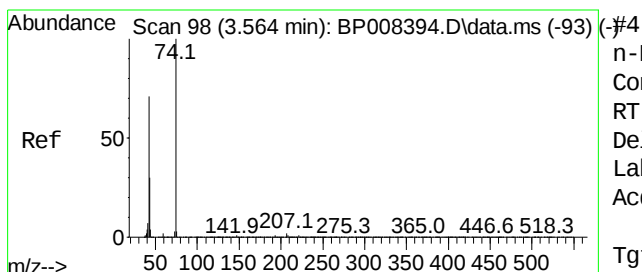
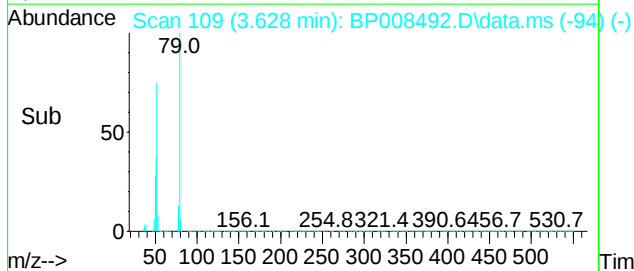
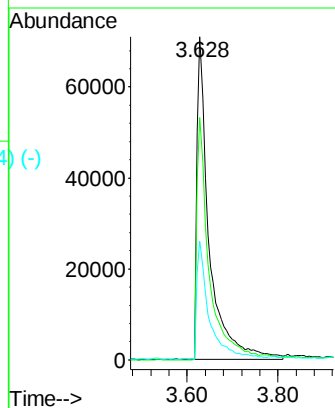
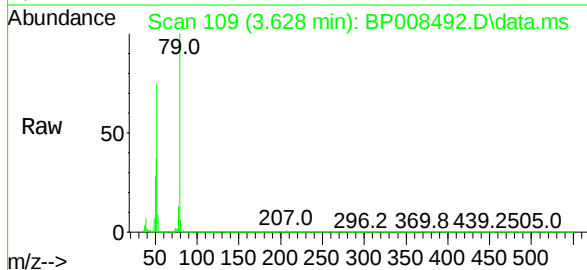
Pyridine
Concen: 25.682 ng
RT: 3.628 min Scan# 113
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

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PB141358BS

Tgt Ion: 79 Resp: 13183
Ion Ratio Lower Upper
79 100
52 75.0 60.0 90.0
51 36.8 29.6 44.4

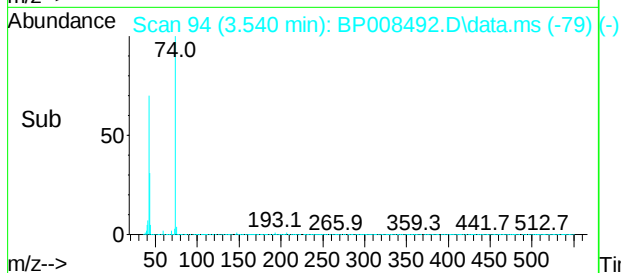
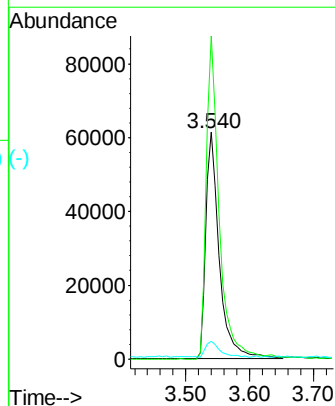
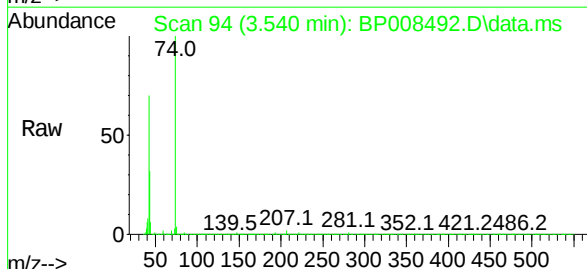
Manual Integrations
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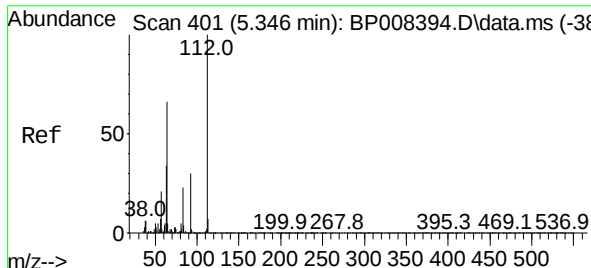
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n-Nitrosodimethylamine
Concen: 44.153 ng
RT: 3.540 min Scan# 94
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion: 42 Resp: 89452
Ion Ratio Lower Upper
42 100
74 142.3 108.0 162.0
44 7.9 5.8 8.6





2-Fluorophenol

Concen: 125.729 ng

RT: 5.328 min Scan# 398

Delta R.T. -0.000 min

Lab File: BP008492.D

Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

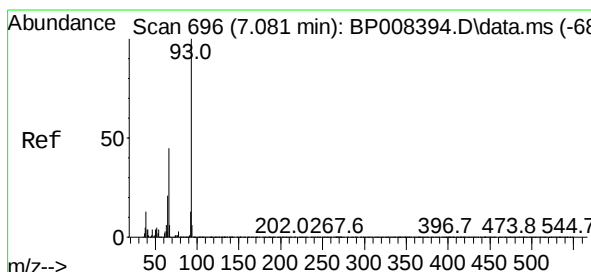
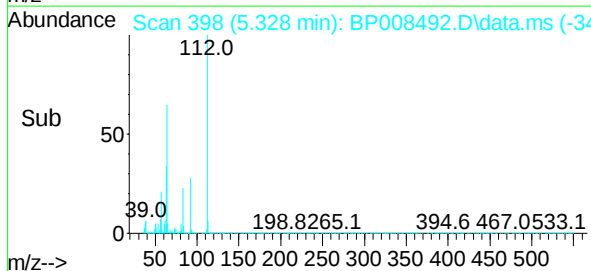
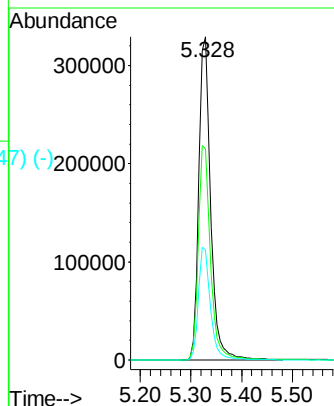
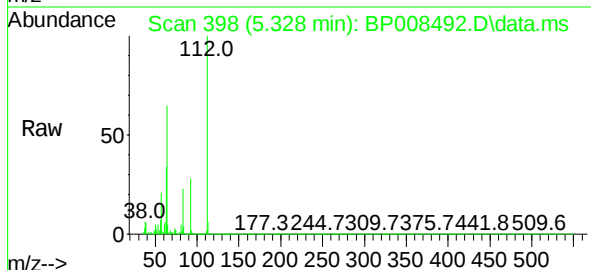
PB141358BS

Tgt Ion:	112	Resp:	53542
Ion Ratio	Lower	Upper	
112	100		
64	65.3	53.4	80.2
63	34.0	27.8	41.8

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Aniline

Concen: 45.457 ng

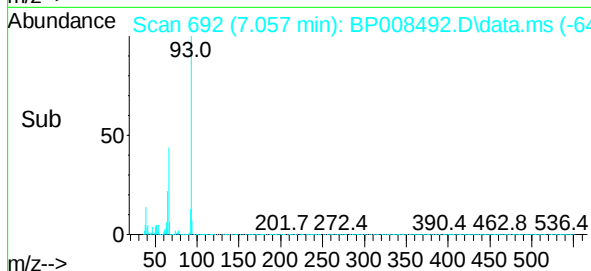
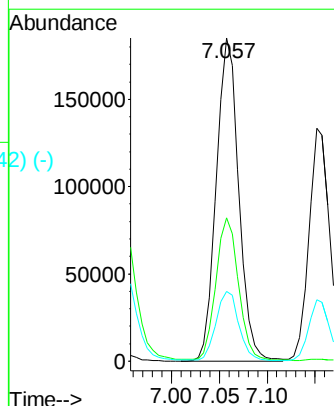
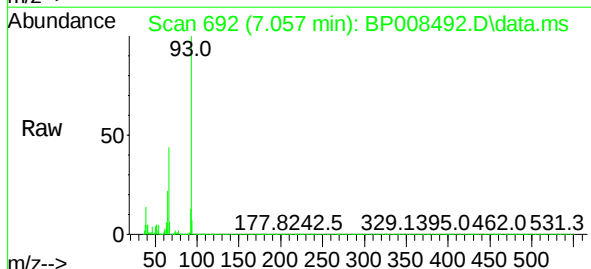
RT: 7.057 min Scan# 692

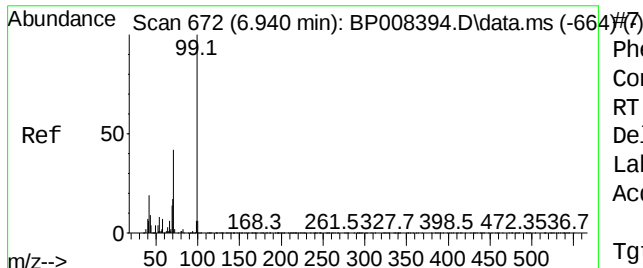
Delta R.T. -0.006 min

Lab File: BP008492.D

Acq: 18 Dec 2021 16:53

Tgt Ion:	93	Resp:	300930
Ion Ratio	Lower	Upper	
93	100		
66	44.3	32.9	49.3
65	21.6	17.5	26.3





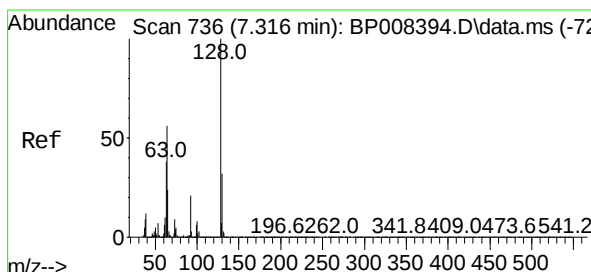
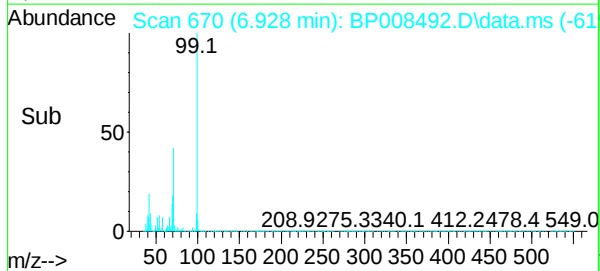
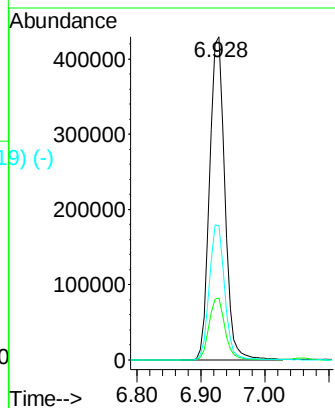
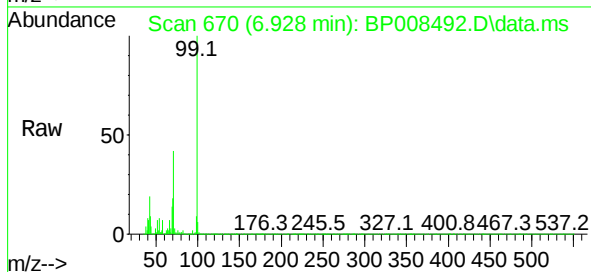
Phenol-d6
Concen: 123.978 ng
RT: 6.928 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP008492.D
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PB141358BS

Tgt Ion: 99 Resp: 70909
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 41.7 31.1 46.7

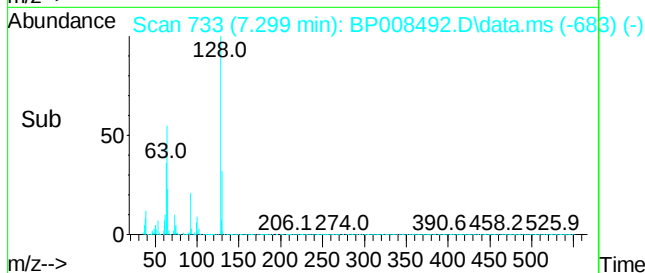
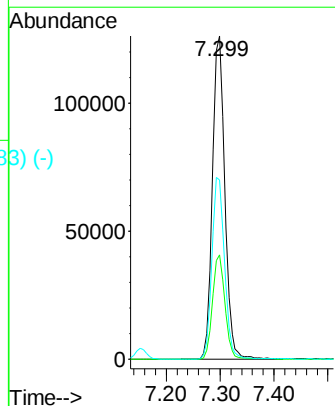
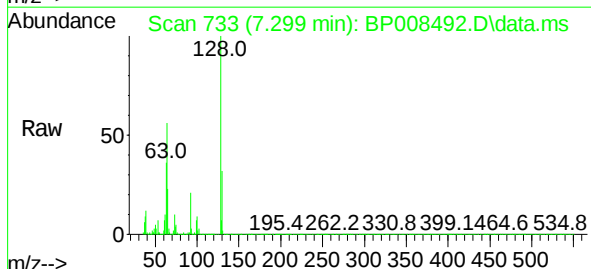
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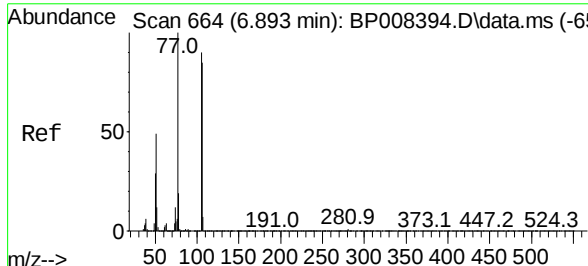
Reviewed By :Christian Giraldo 12/20/2021
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2-Chlorophenol
Concen: 46.339 ng
RT: 7.299 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:128 Resp: 201128
Ion Ratio Lower Upper
128 100
130 32.3 13.5 53.5
64 55.5 37.4 77.4





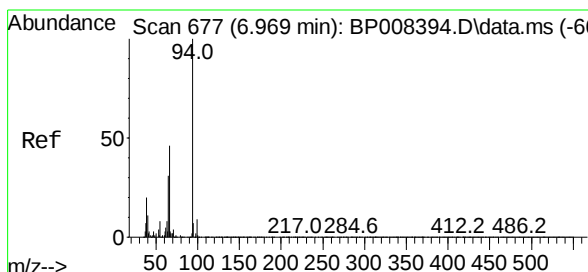
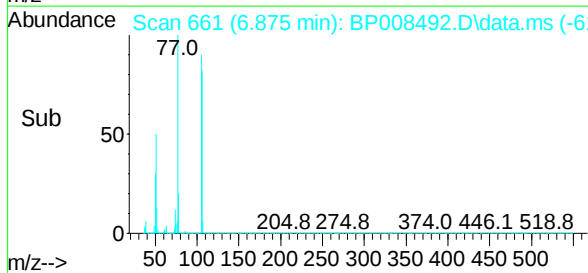
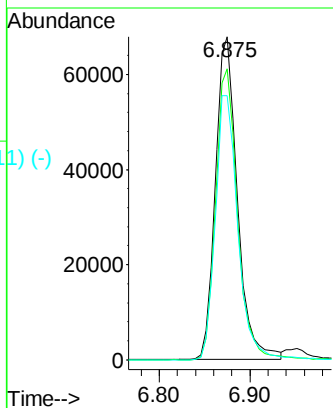
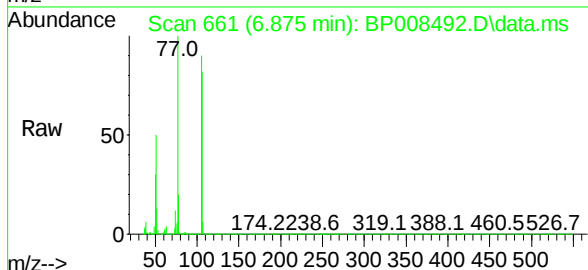
Benzaldehyde
Concen: 35.372 ng
RT: 6.875 min Scan# 661
Delta R.T. -0.006 min
Lab File: BP008492.D
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PB141358BS

Tgt Ion: 77 Resp: 11430
Ion Ratio Lower Upper
77 100
105 90.0 71.8 111.8
106 81.8 67.3 107.3

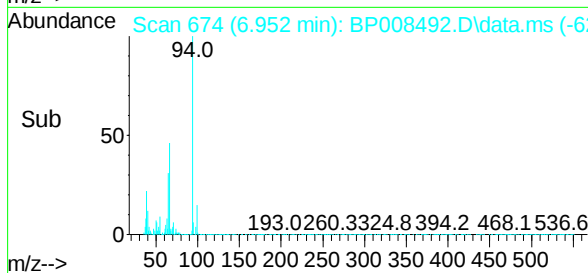
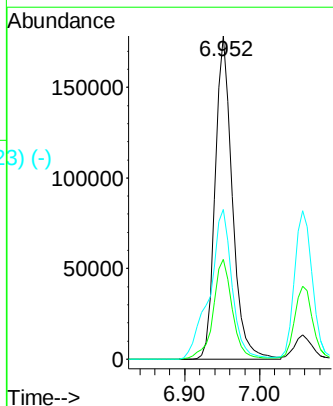
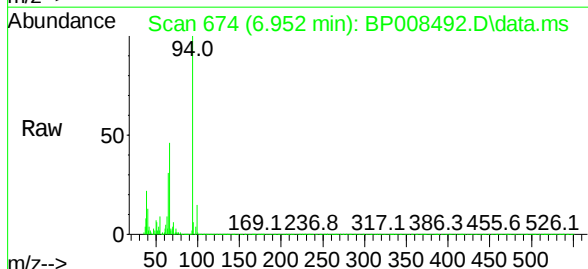
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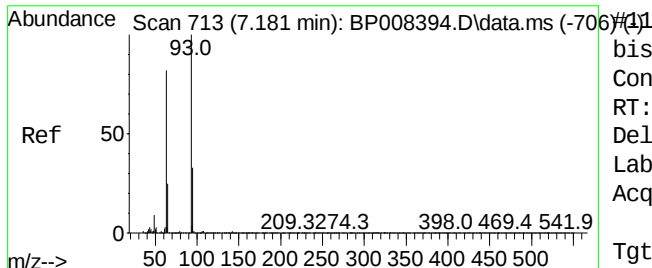
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Phenol
Concen: 48.523 ng
RT: 6.952 min Scan# 674
Delta R.T. -0.000 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion: 94 Resp: 281826
Ion Ratio Lower Upper
94 100
65 30.9 10.9 50.9
66 46.3 24.3 64.3





bis(2-Chloroethyl)ether
 Concen: 41.853 ng
 RT: 7.152 min Scan# 713
 Delta R.T. -0.012 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

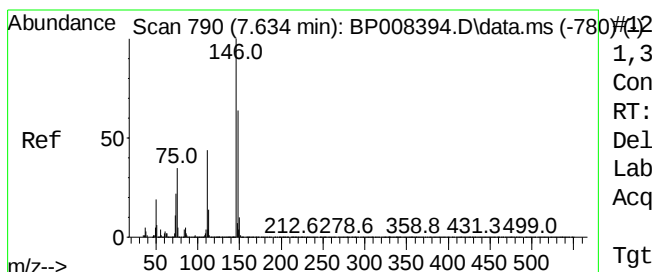
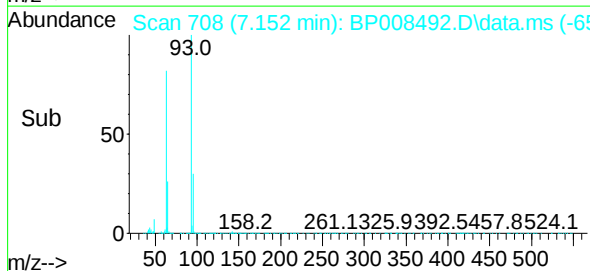
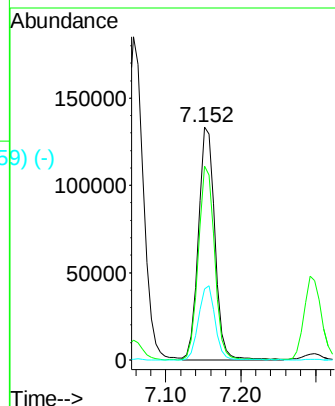
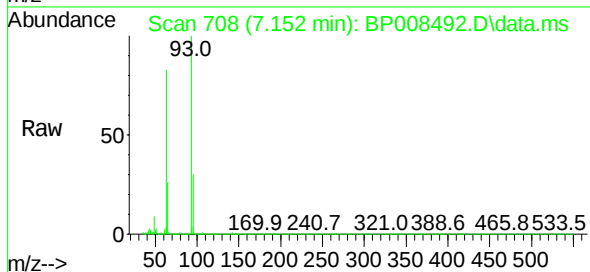
PB141358BS

Tgt Ion: 93 Resp: 20280
 Ion Ratio Lower Upper
 93 100
 63 83.0 61.8 101.8
 95 30.4 12.5 52.5

Manual Integrations

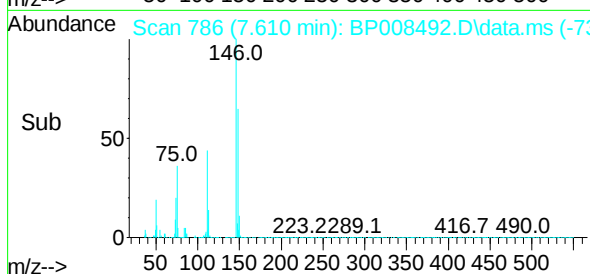
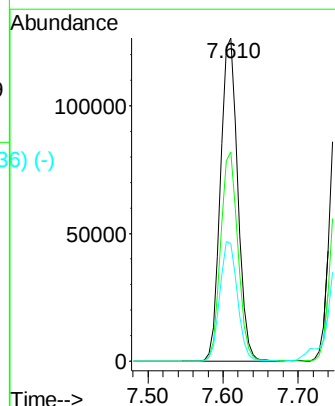
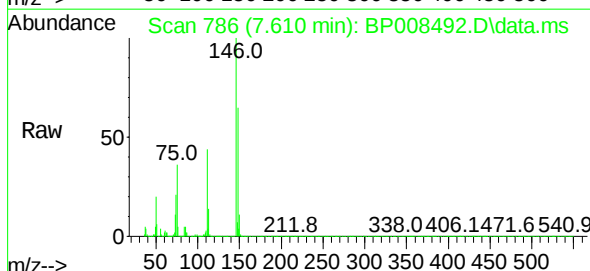
APPROVED

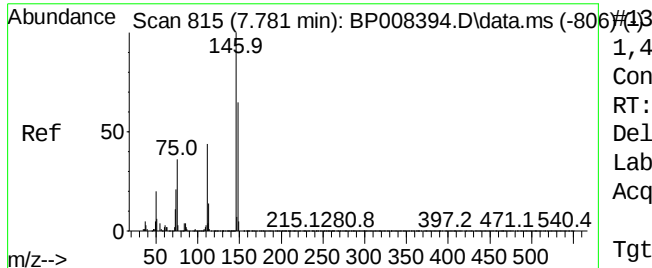
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



1,3-Dichlorobenzene
 Concen: 39.975 ng
 RT: 7.610 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Tgt Ion:146 Resp: 200651
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.9 77.9
 75 36.5 29.0 43.6





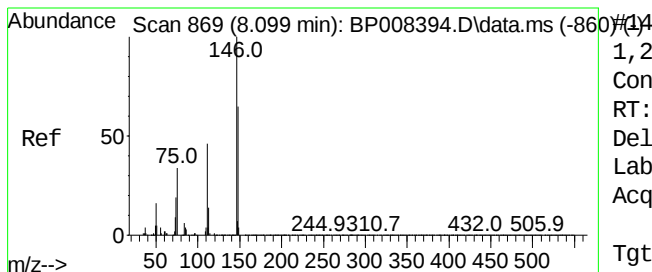
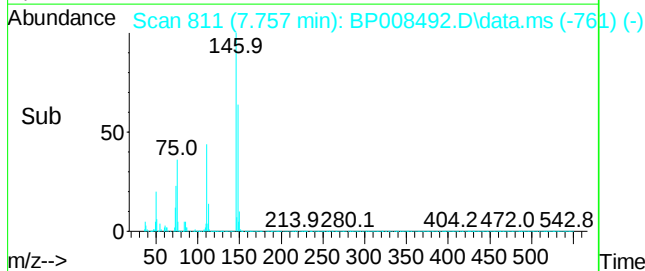
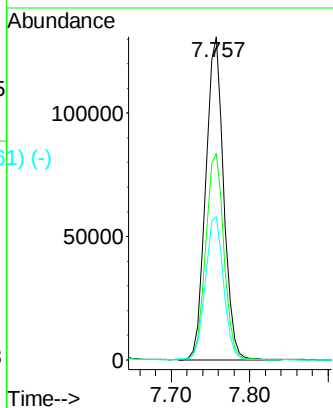
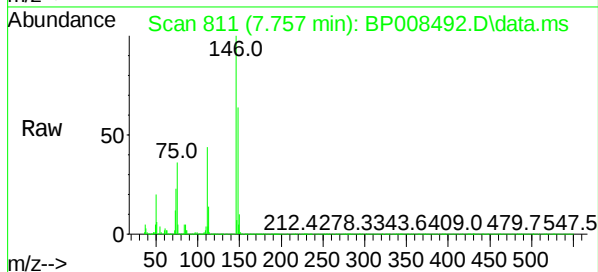
1,4-Dichlorobenzene
Concen: 40.649 ng
RT: 7.757 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :
BNA_P
ClientSampleId :
PB141358BS

Tgt Ion:146 Resp: 20764
Ion Ratio Lower Upper
146 100
148 64.0 49.6 74.4
111 44.3 34.7 52.1

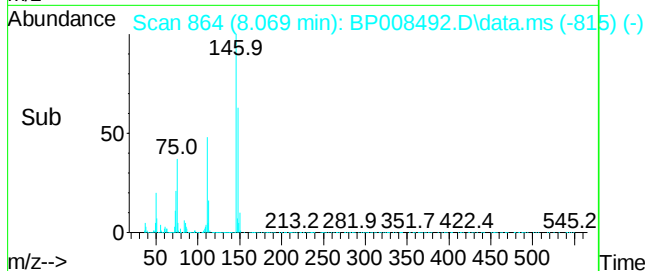
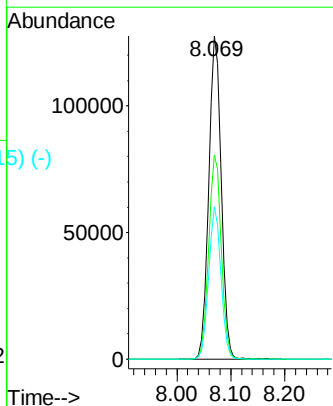
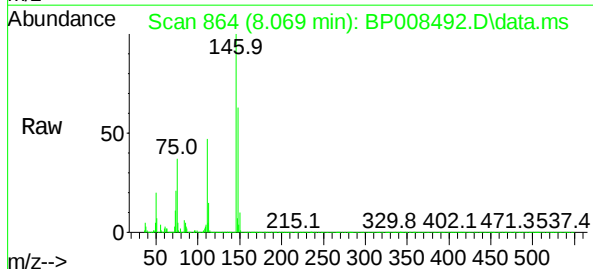
Manual Integrations
APPROVED

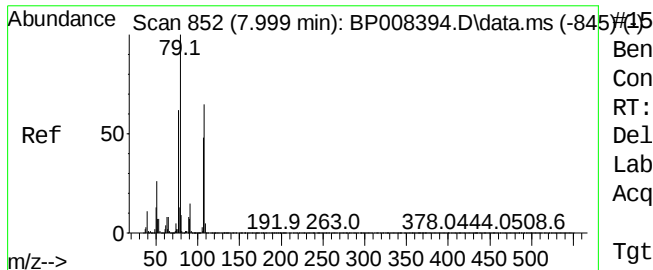
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1,2-Dichlorobenzene
Concen: 40.948 ng
RT: 8.069 min Scan# 864
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:146 Resp: 202789
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.6
111 47.2 35.0 52.6





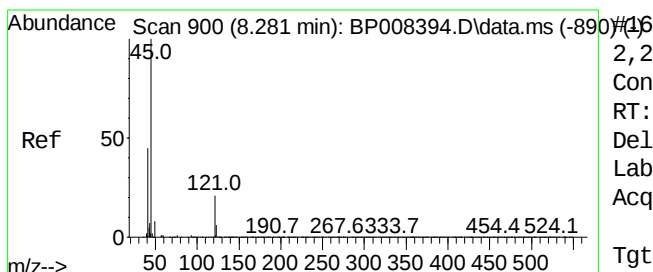
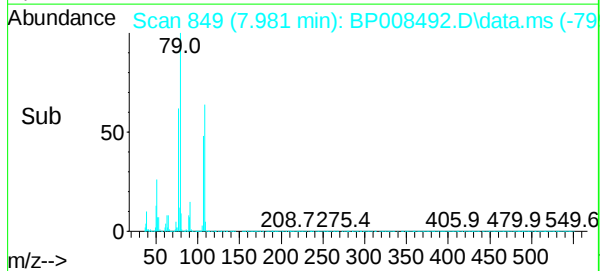
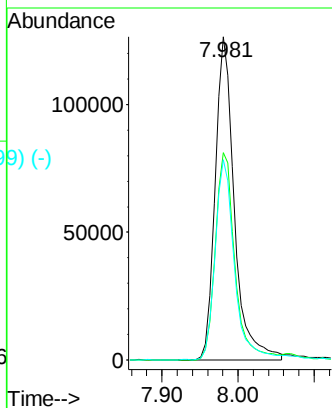
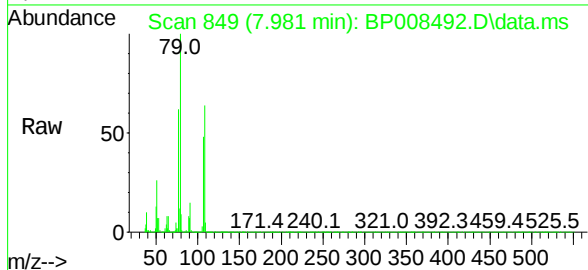
Benzyl Alcohol
 Concen: 47.992 ng/ml
 RT: 7.981 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Instrument :
 BNA_P
 Client Sample Id :
 PB141358BS

Tgt Ion:	79	Resp:	22080
Ion	Ratio	Lower	Upper
79	100		
108	64.2	55.5	83.3
77	62.0	51.0	76.6

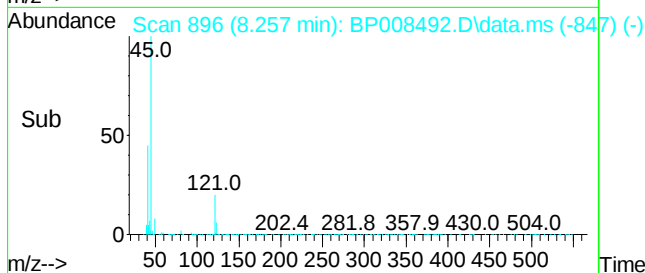
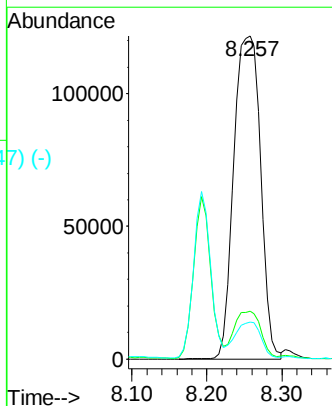
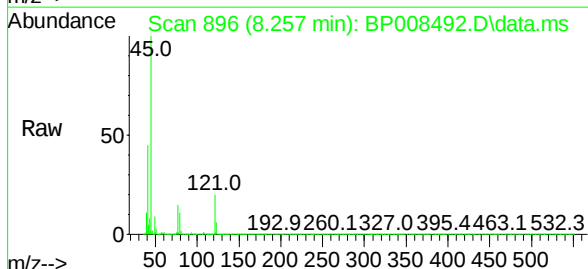
Manual Integrations
 APPROVED

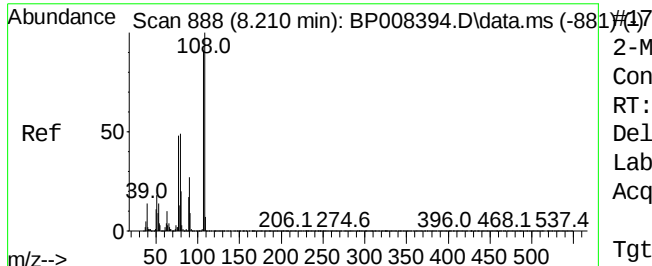
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



2,2'-oxybis(1-Chloropropane)
 Concen: 44.296 ng/ml
 RT: 8.257 min Scan# 896
 Delta R.T. -0.012 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Tgt Ion:	45	Resp:	303666
Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	33.8
79	11.4	0.0	30.4





2-Methylphenol
Concen: 47.944 ng
RT: 8.193 min Scan# 885
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

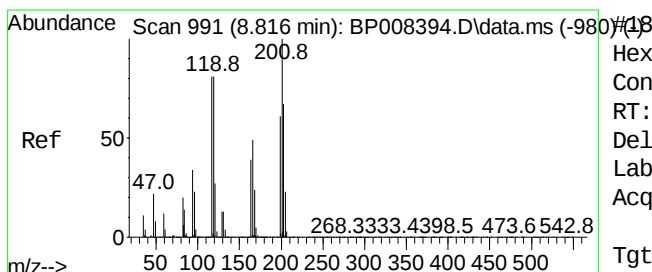
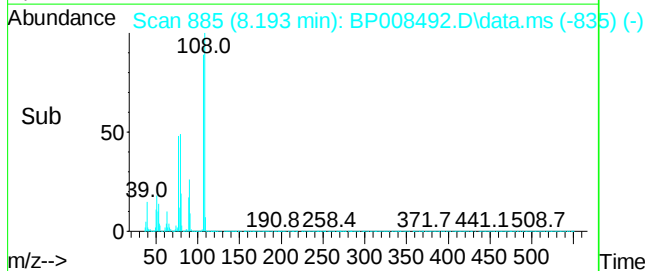
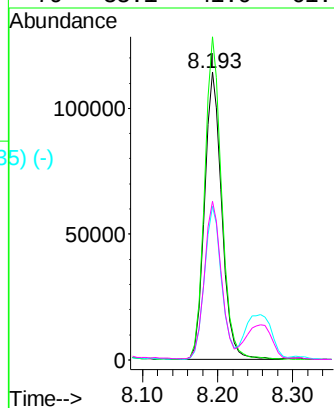
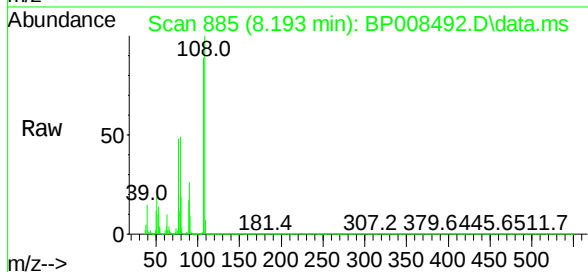
PB141358BS

Tgt Ion:107 Resp: 1842
Ion Ratio Lower Upper
107 100
108 112.2 90.2 135.2
77 53.4 41.3 61.9
79 55.1 41.0 61.6

Manual Integrations

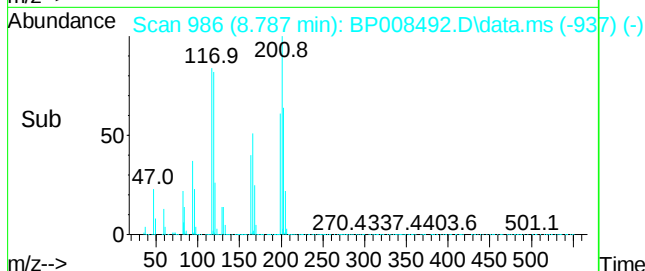
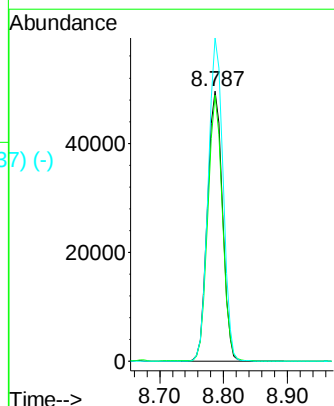
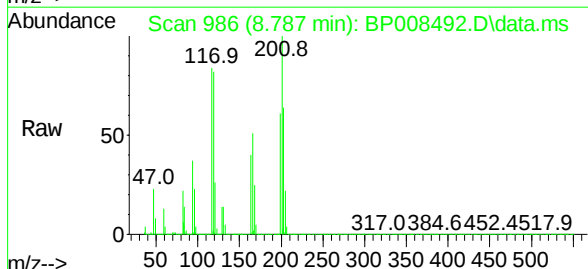
APPROVED

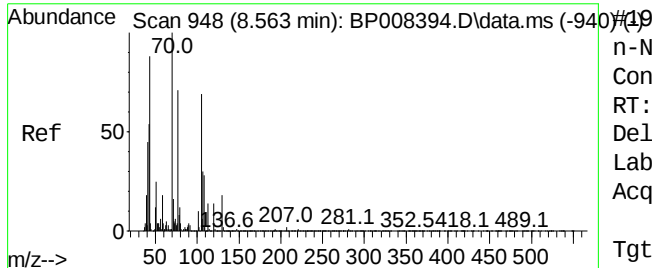
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Hexachloroethane
Concen: 42.214 ng
RT: 8.787 min Scan# 986
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:117 Resp: 79996
Ion Ratio Lower Upper
117 100
119 98.5 74.7 112.1
201 119.5 88.6 132.8





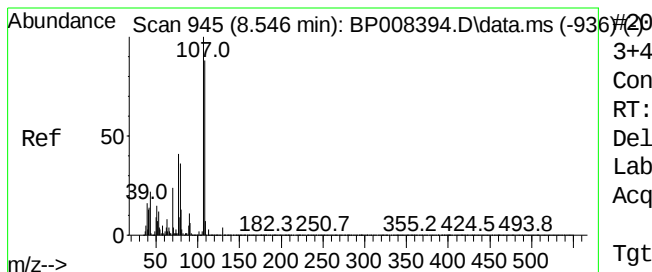
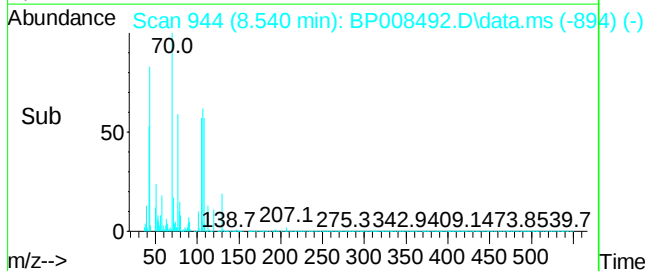
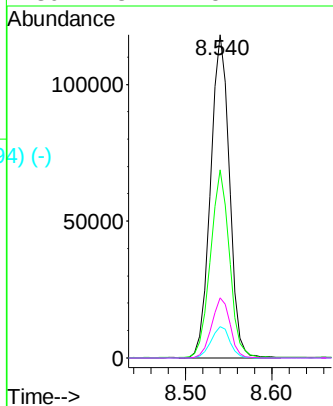
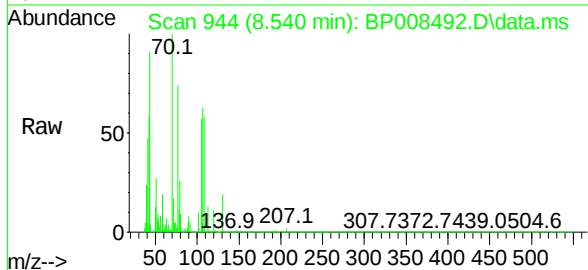
n-Nitroso-di-n-propylamine
 Concen: 42.256 ng
 RT: 8.540 min Scan# 948
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Instrument :
 BNA_P
 ClientSampleId :
 PB141358BS

Tgt Ion: 70 Resp: 17926
 Ion Ratio Lower Upper
 70 100
 42 58.2 45.4 68.2
 101 9.6 7.6 11.4
 130 18.7 15.1 22.7

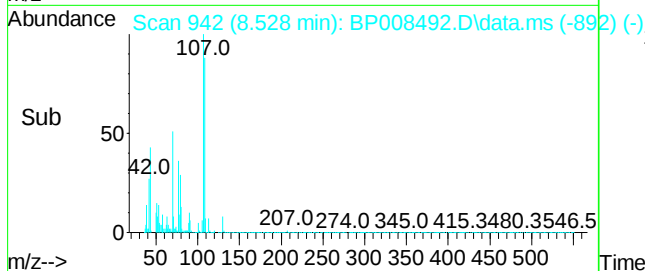
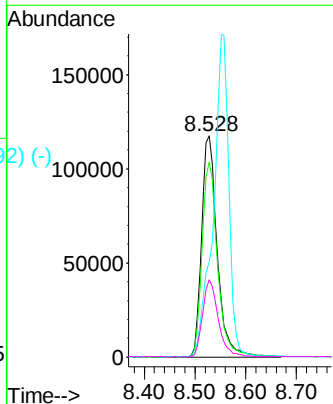
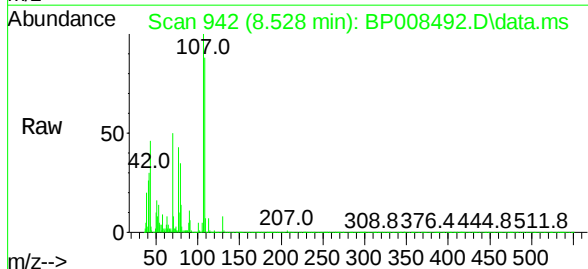
Manual Integrations
 APPROVED

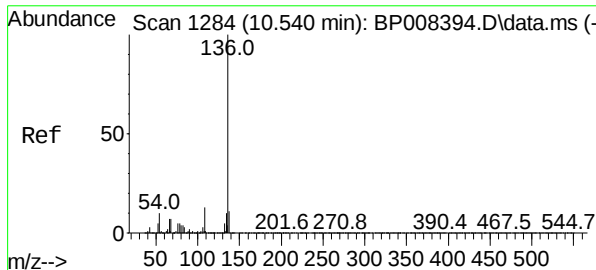
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



3+4-Methylphenols
 Concen: 47.390 ng
 RT: 8.528 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Tgt Ion:107 Resp: 250787
 Ion Ratio Lower Upper
 107 100
 108 88.2 68.2 108.2
 77 43.2 16.9 56.9
 79 34.9 12.5 52.5





Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

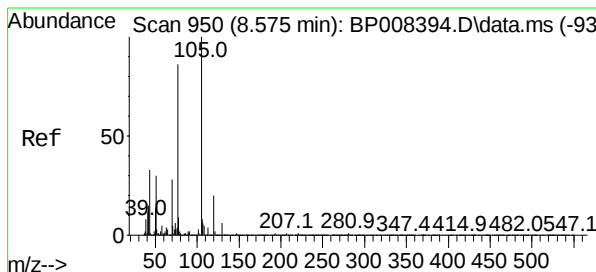
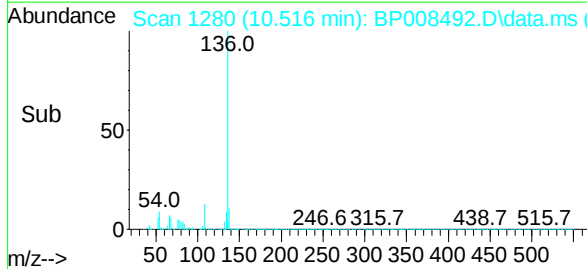
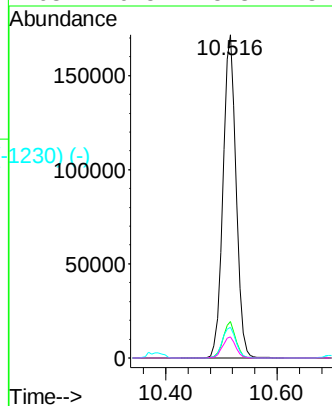
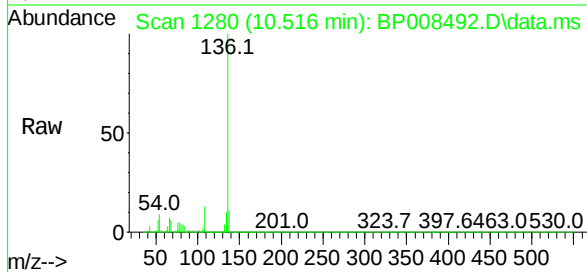
PB141358BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.5	8.2	12.4
68	6.5	5.8	8.8

Manual Integrations

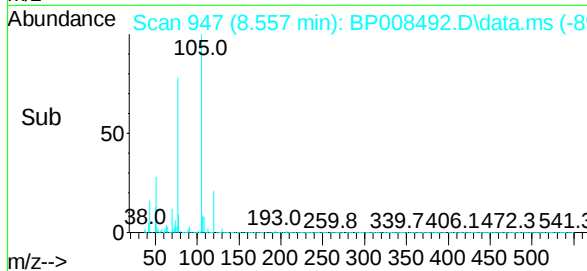
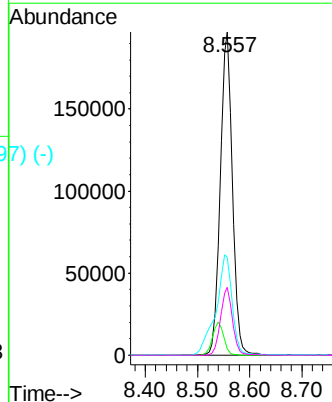
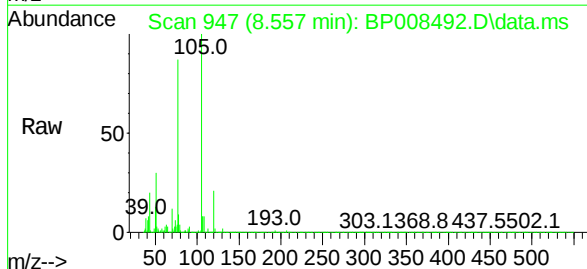
APPROVED

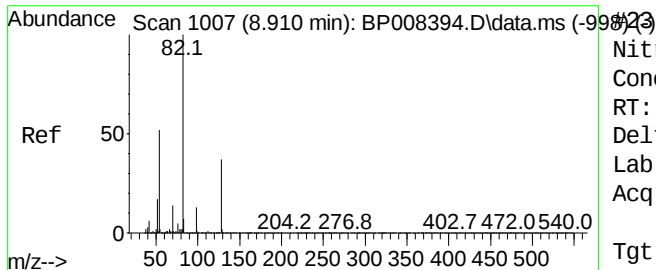
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Acetophenone
Concen: 38.463 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.9	4.0	6.0#
51	30.3	23.8	35.6
120	20.9	16.0	24.0





Nitrobenzene-d5

Concen: 72.415 ng

RT: 8.887 min Scan# 1003

Delta R.T. -0.012 min

Lab File: BP008492.D

Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

PB141358BS

Tgt Ion: 82 Resp: 48167

Ion Ratio Lower Upper

82 100

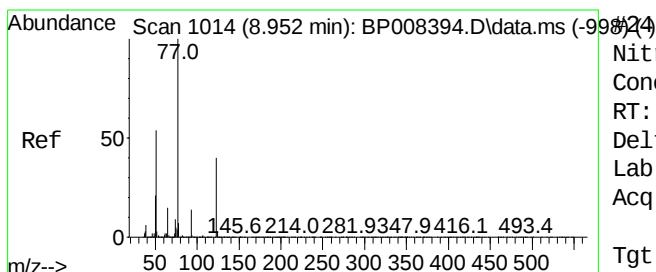
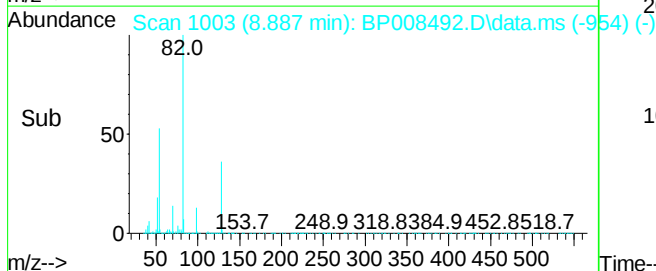
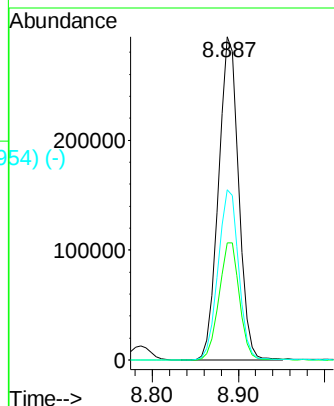
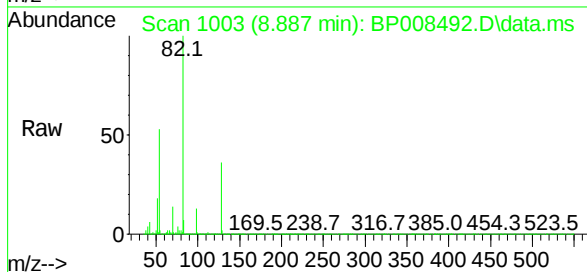
128 36.3 29.6 44.4

54 52.6 42.7 64.1

Manual Integrations

APPROVED

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



Nitrobenzene

Concen: 41.304 ng

RT: 8.934 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BP008492.D

Acq: 18 Dec 2021 16:53

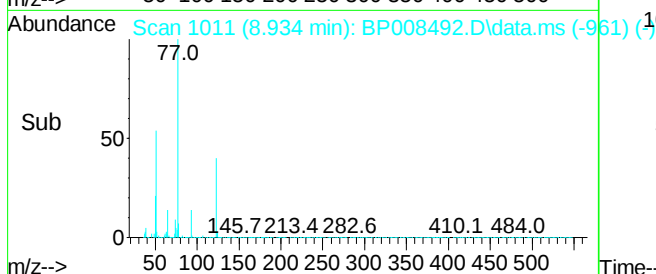
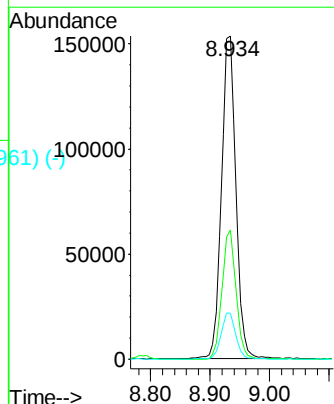
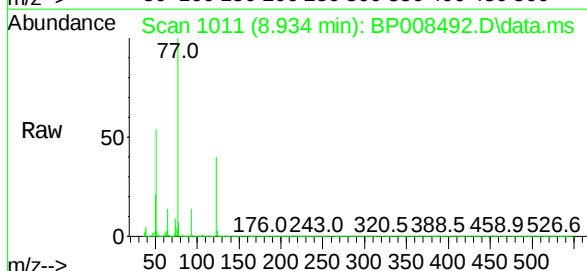
Tgt Ion: 77 Resp: 257862

Ion Ratio Lower Upper

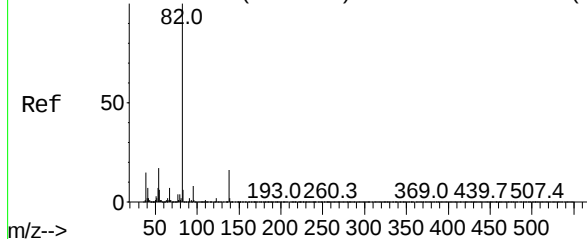
77 100

123 40.0 30.4 45.6

65 14.3 11.3 16.9



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



Isophorone
Concen: 42.389 ng
RT: 9.463 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

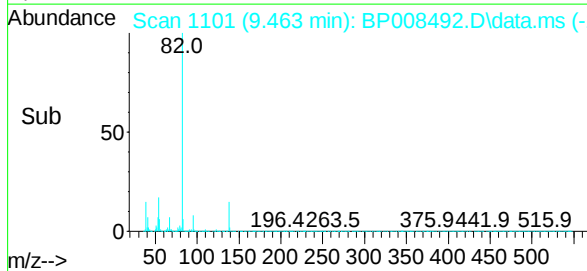
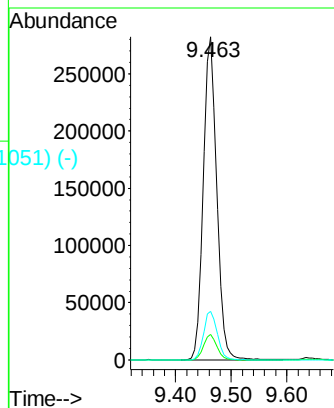
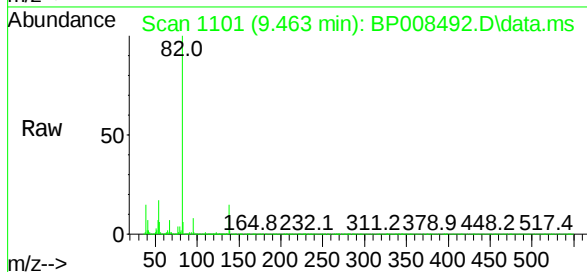
BP141358BS

Tgt Ion: 82 Resp: 47180
Ion Ratio Lower Upper
82 100
95 7.8 5.9 8.9
138 15.1 12.7 19.1

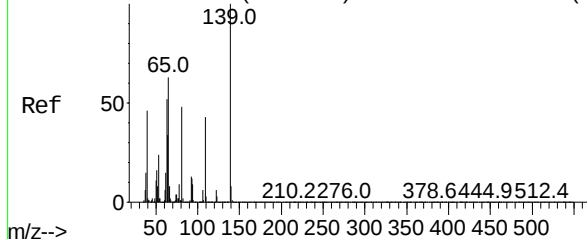
Manual Integrations

APPROVED

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

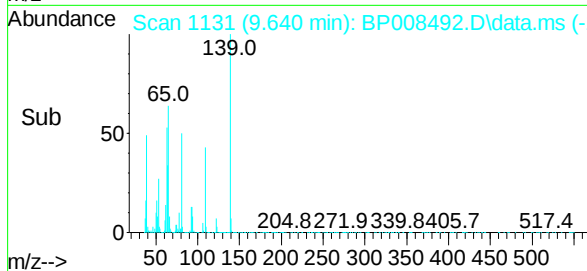
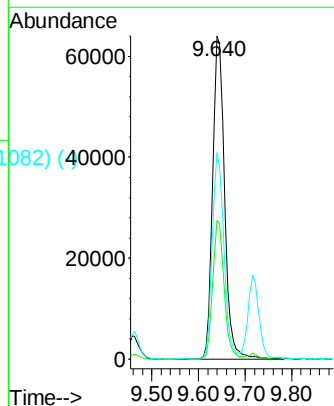
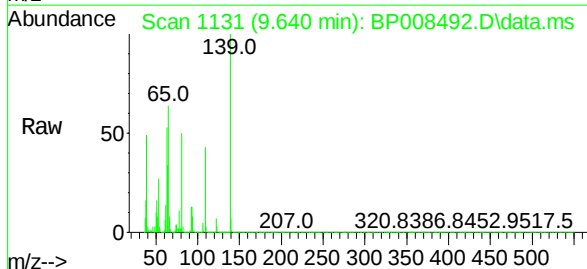


Abundance Scan 1135 (9.663 min): BP008394.D\data.ms (-1129)

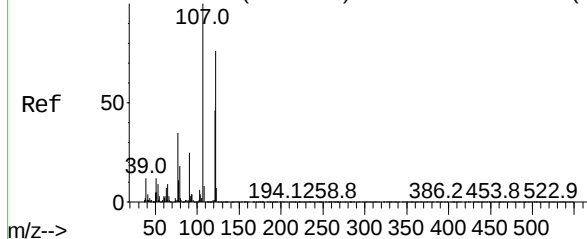


2-Nitrophenol
Concen: 41.093 ng
RT: 9.640 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:139 Resp: 113373
Ion Ratio Lower Upper
139 100
109 42.9 28.3 42.5#
65 64.0 49.7 74.5



Abundance Scan 1148 (9.740 min): BP008394.D\data.ms (-11427-)



2,4-Dimethylphenol
Concen: 49.614 ng
RT: 9.716 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

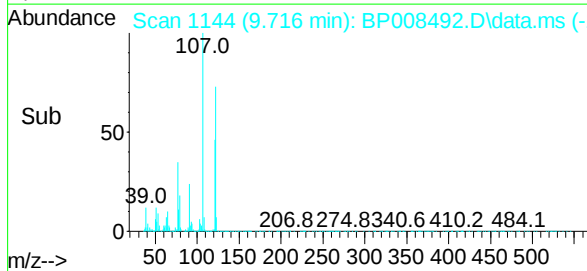
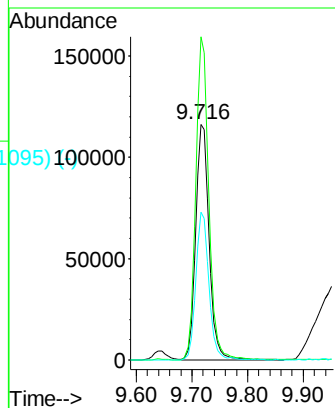
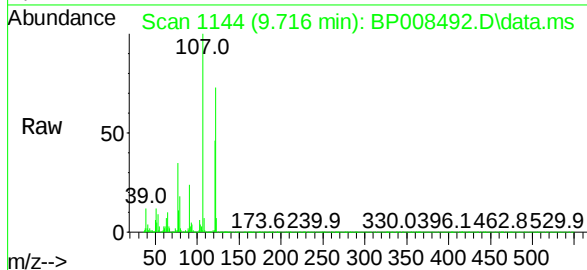
BP141358BS

Tgt Ion:122 Resp: 19629
Ion Ratio Lower Upper
122 100
107 137.1 106.6 160.0
121 62.8 48.1 72.1

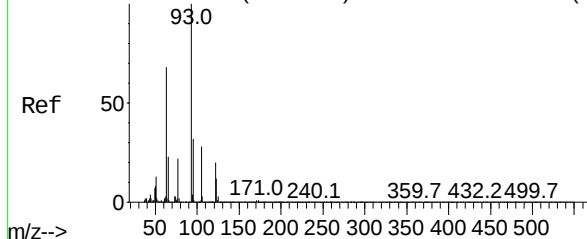
Manual Integrations

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

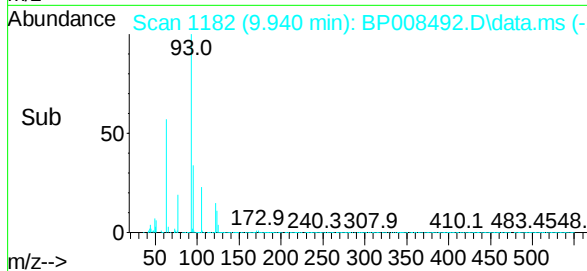
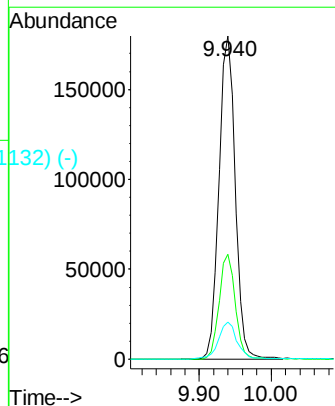
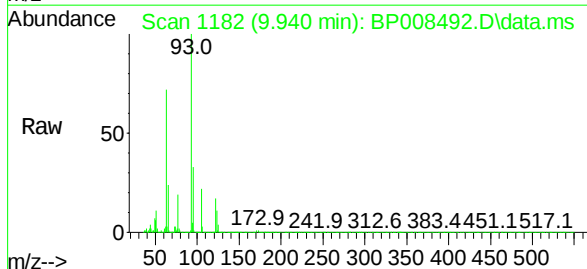


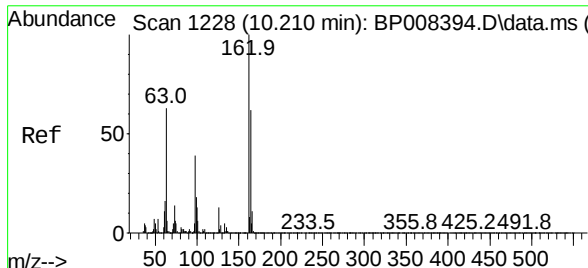
Abundance Scan 1186 (9.963 min): BP008394.D\data.ms (-11728-)



bis(2-Chloroethoxy)methane
Concen: 41.010 ng
RT: 9.940 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion: 93 Resp: 282161
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.2
123 11.4 7.8 11.6





2,4-Dichlorophenol
 Concen: 43.693 ng
 RT: 10.198 min Scan# 1226
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

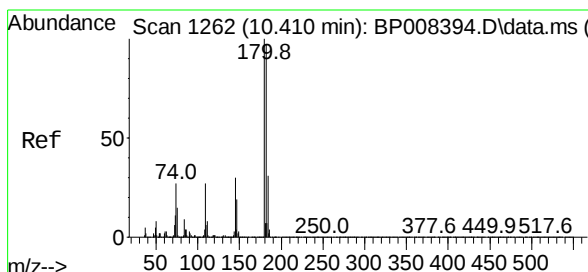
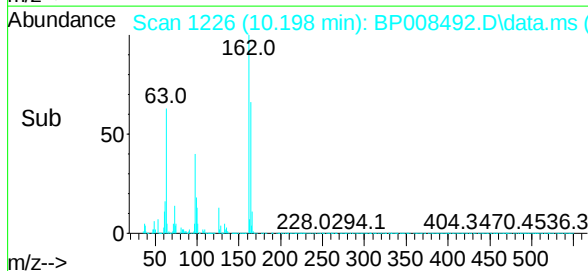
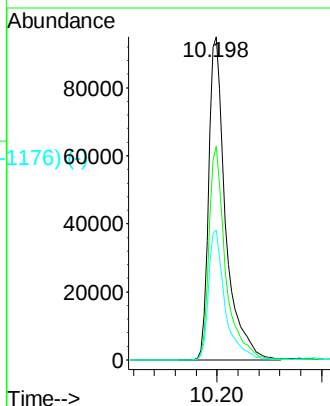
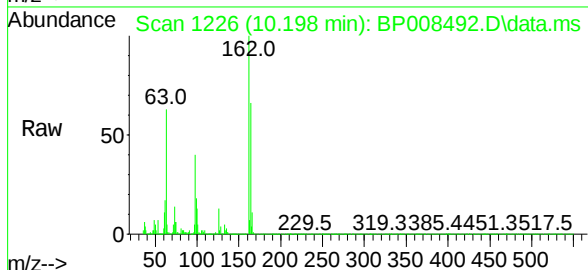
BP141358BS

Tgt Ion:162 Resp: 21243
 Ion Ratio Lower Upper
 162 100
 164 66.1 43.9 83.9
 98 40.2 17.9 57.9

Manual Integrations

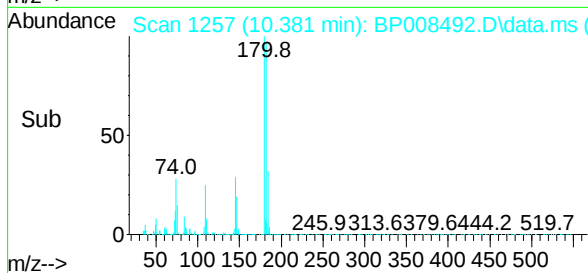
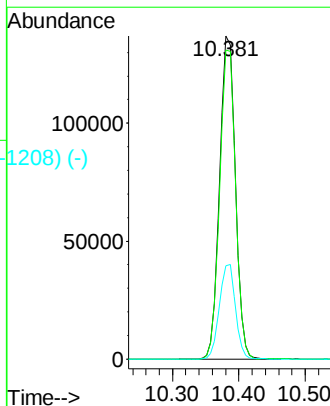
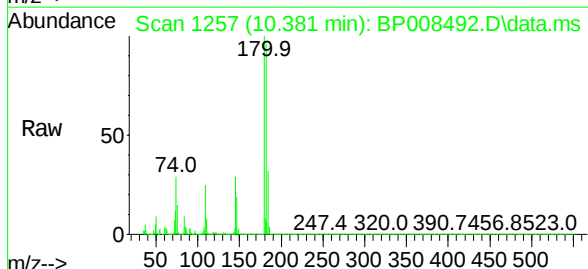
APPROVED

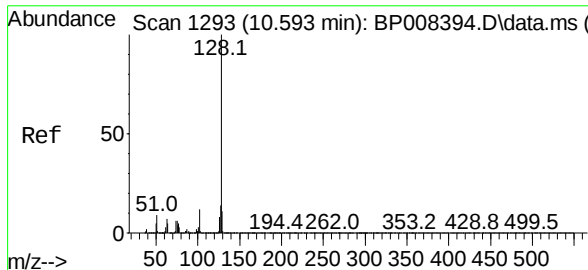
Reviewed By :Christian Giraldo 12/20/2021
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1,2,4-Trichlorobenzene
 Concen: 38.674 ng
 RT: 10.381 min Scan# 1257
 Delta R.T. -0.012 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Tgt Ion:180 Resp: 222906
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.8 112.2
 145 28.8 23.2 34.8





Scan 1293 (10.593 min): BP008394.D\data.ms (-1281) (-)
 Naphthalene
 Concen: 40.477 ng
 RT: 10.563 min Scan# 1281
 Delta R.T. -0.012 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

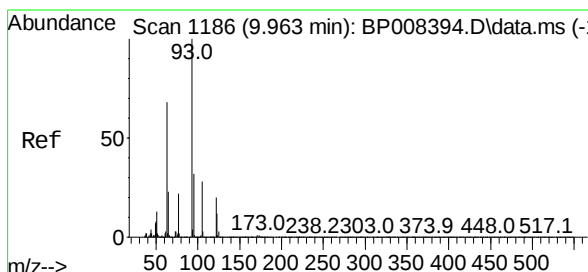
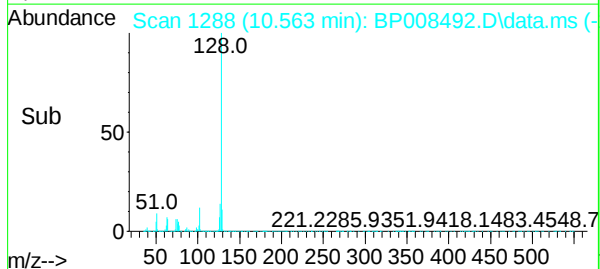
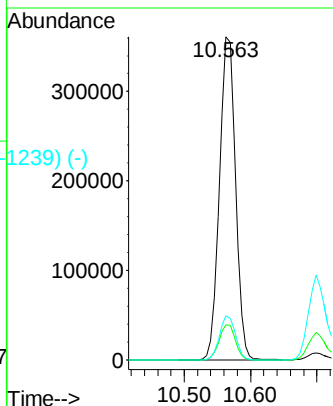
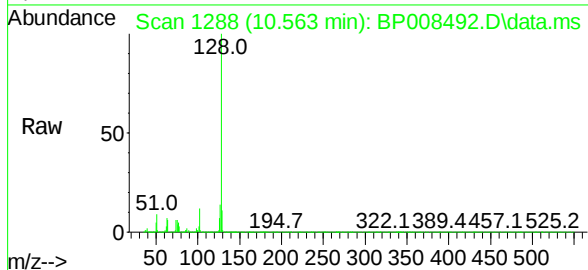
PB141358BS

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

Manual Integrations

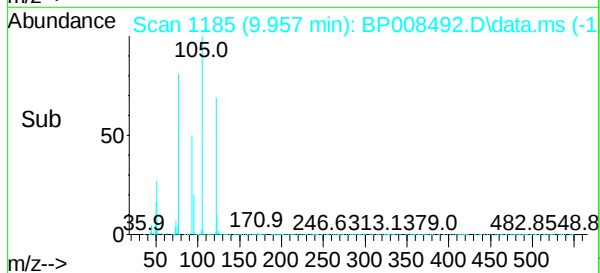
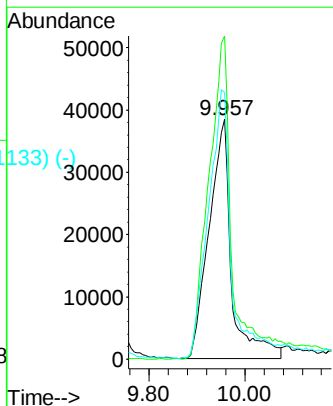
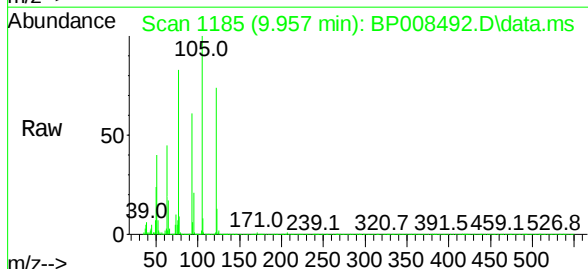
APPROVED

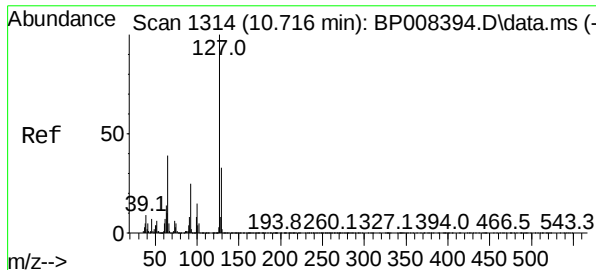
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 1186 (9.963 min): BP008394.D\data.ms (-1169) (-)
 Benzoic acid
 Concen: 43.034 ng
 RT: 9.957 min Scan# 1185
 Delta R.T. 0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.7	117.4	157.4
77	111.2	89.2	129.2





4-Chloroaniline
Concen: 31.144 ng
RT: 10.698 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

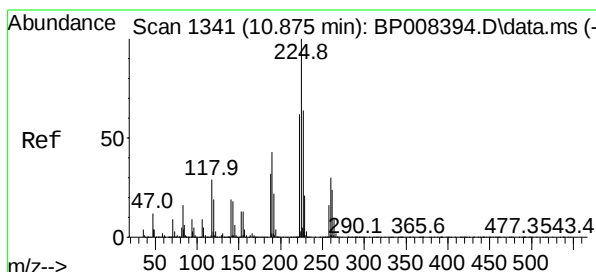
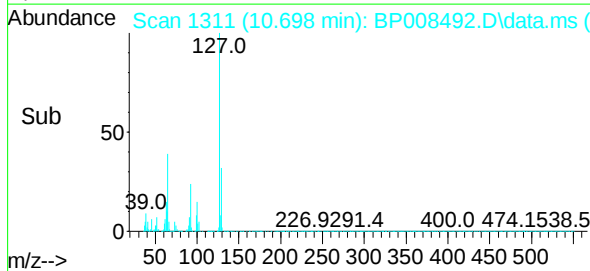
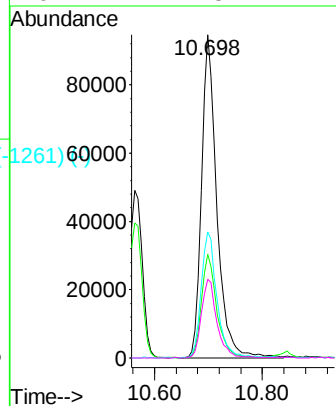
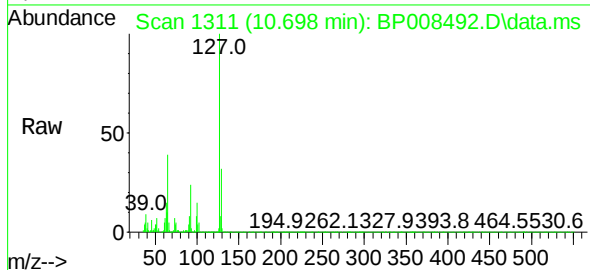
PB141358BS

Tgt Ion:127 Resp: 18436
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2
65 38.9 29.5 44.3
92 24.4 18.2 27.4

Manual Integrations

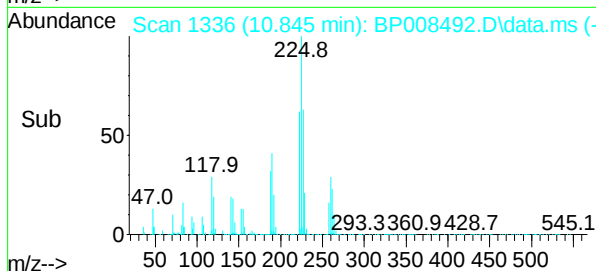
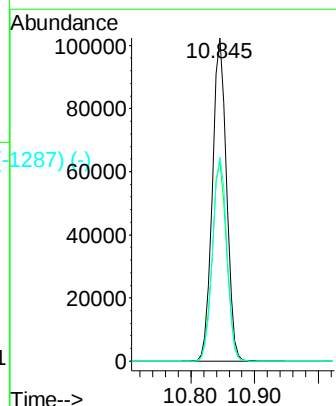
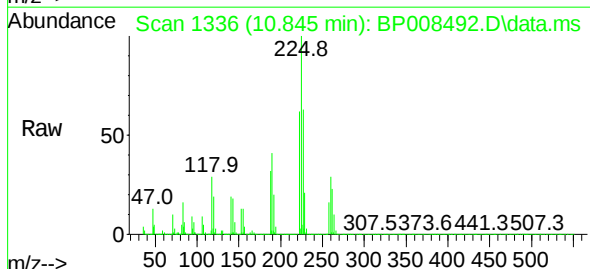
APPROVED

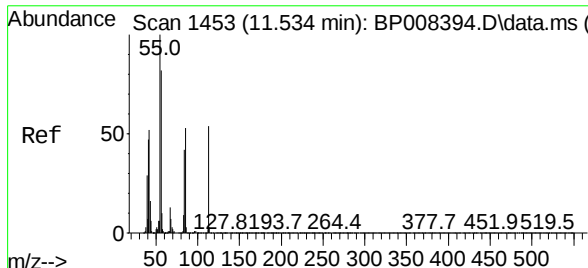
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Hexachlorobutadiene
Concen: 36.754 ng
RT: 10.845 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:225 Resp: 154855
Ion Ratio Lower Upper
225 100
223 61.8 52.5 78.7
227 63.3 51.0 76.6





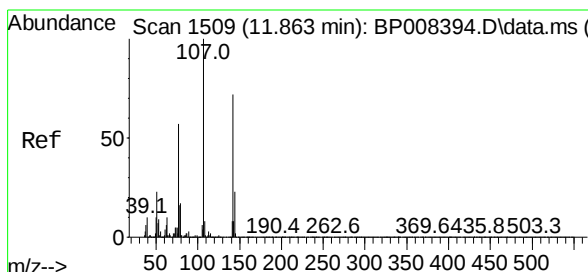
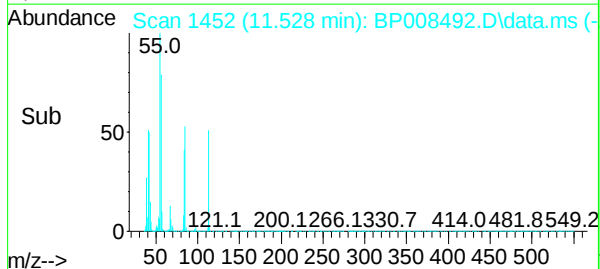
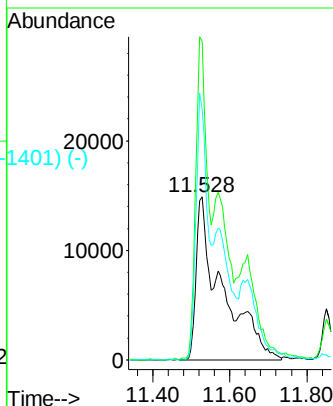
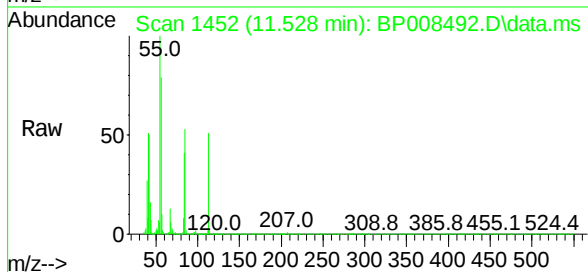
Caprolactam
Concen: 75.479 ng/ml
RT: 11.528 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :
BNA_P
Client Sample Id :
PB141358BS

Tgt Ion:113 Resp: 6949
Ion Ratio Lower Upper
113 100
55 195.2 174.2 214.2
56 153.7 130.3 170.3

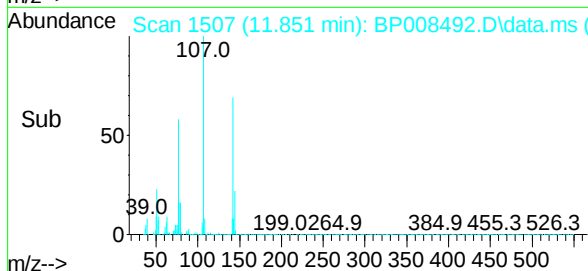
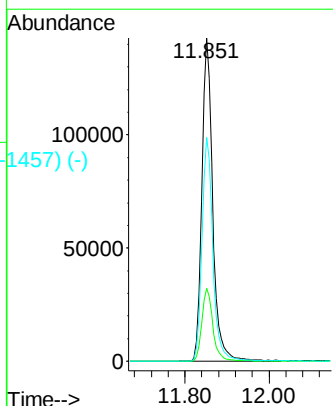
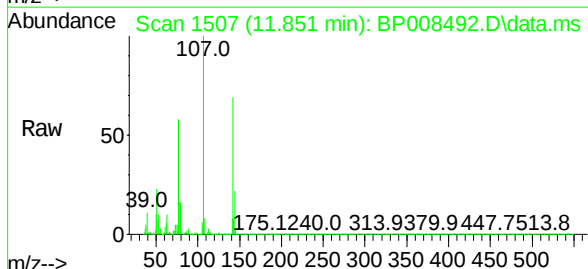
Manual Integrations
APPROVED

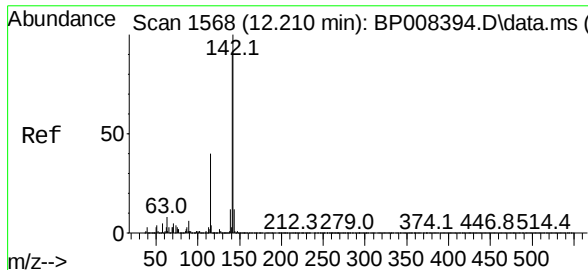
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



4-Chloro-3-methylphenol
Concen: 46.584 ng/ml
RT: 11.851 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:107 Resp: 253081
Ion Ratio Lower Upper
107 100
144 22.5 19.7 29.5
142 69.3 59.6 89.4





2-Methylnaphthalene
Concen: 44.457 ng
RT: 12.187 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

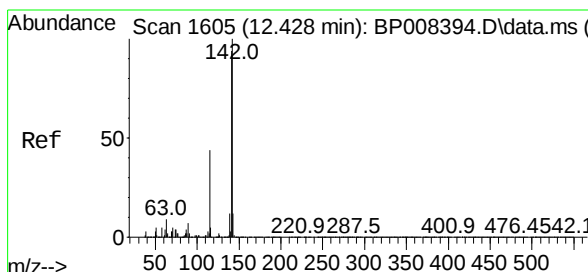
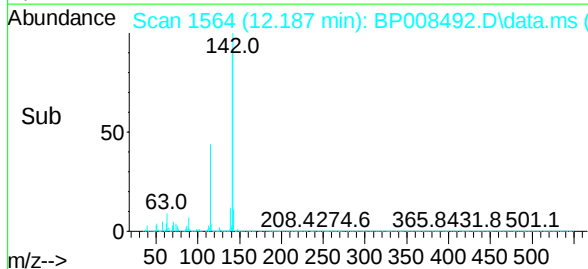
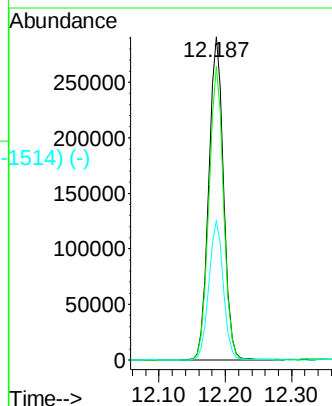
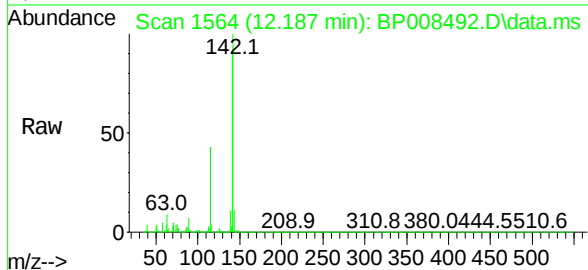
PB141358BS

Tgt Ion:142 Resp: 45279
Ion Ratio Lower Upper
142 100
141 90.8 70.7 106.3
115 43.1 30.9 46.3

Manual Integrations

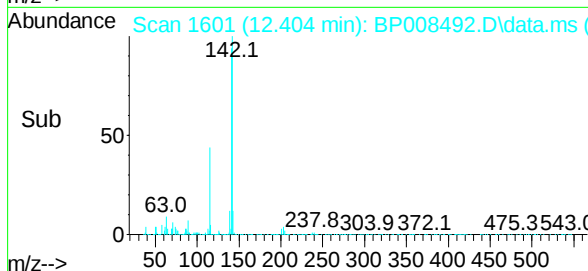
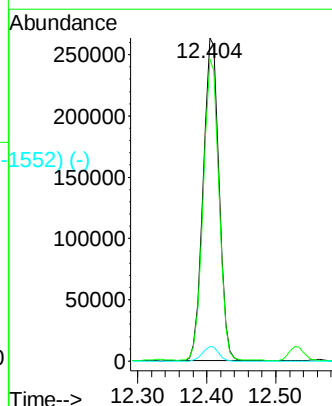
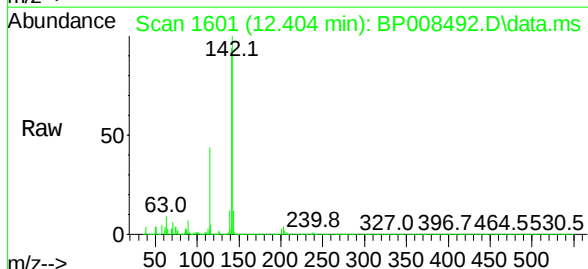
APPROVED

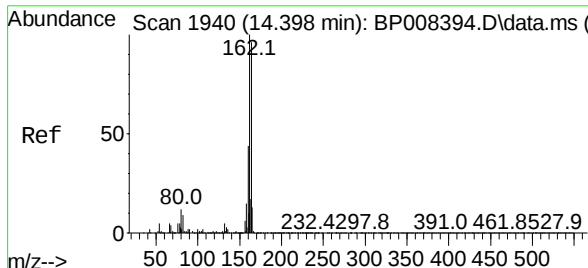
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1-Methylnaphthalene
Concen: 42.398 ng
RT: 12.404 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:142 Resp: 420407
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.4
116 4.6 3.4 5.2





Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.375 min Scan# 1936
 Delta R.T. -0.012 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

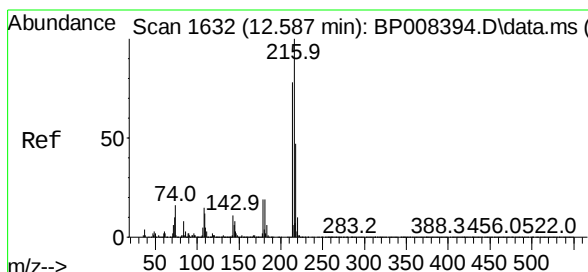
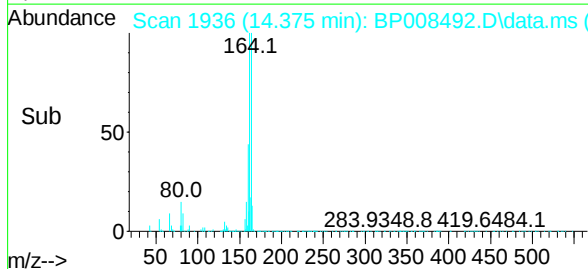
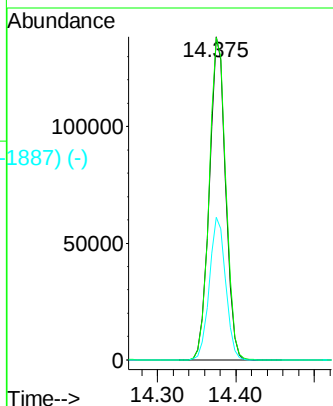
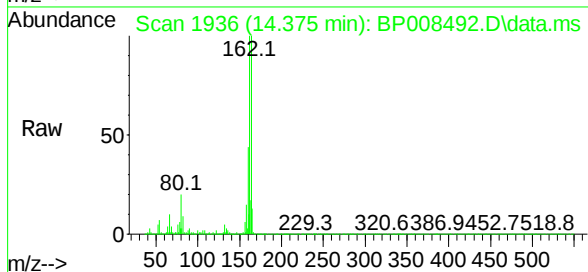
PB141358BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.9	122.9
160	44.2	35.4	53.0

Manual Integrations

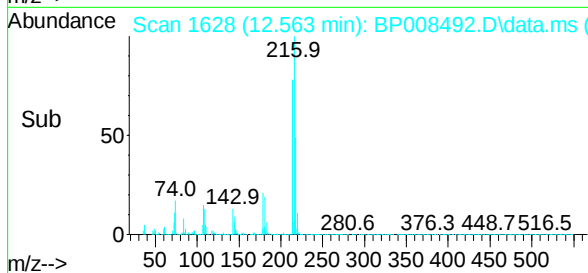
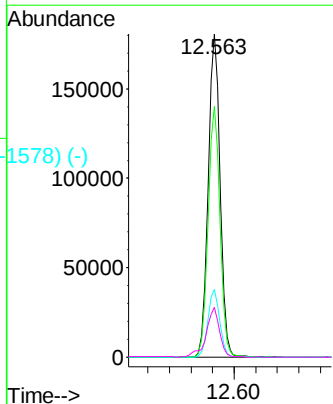
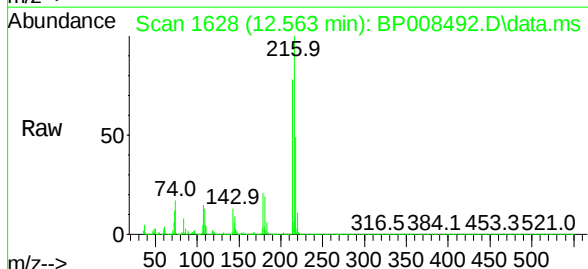
APPROVED

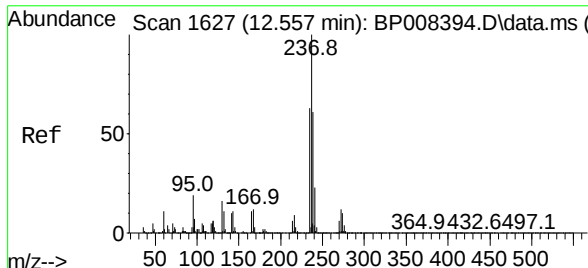
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



1,2,4,5-Tetrachlorobenzene
 Concen: 36.017 ng
 RT: 12.563 min Scan# 1628
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.5	93.7
179	20.7	16.4	24.6
108	17.2	13.8	20.8





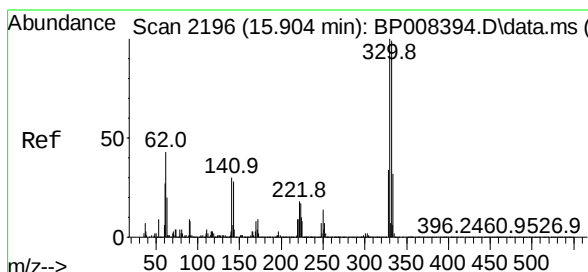
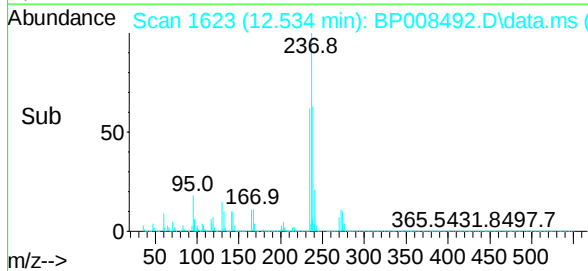
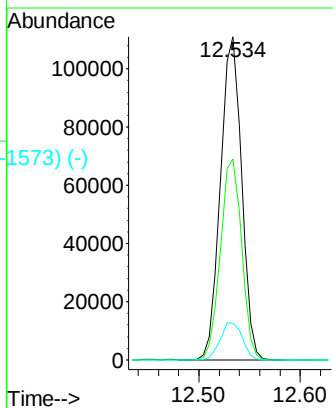
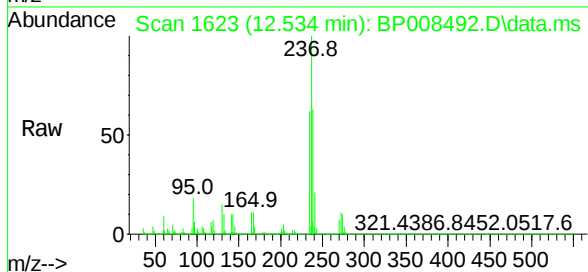
Hexachlorocyclopentadiene
Concen: 76.943 ng
RT: 12.534 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :
BNA_P
ClientSampleId :
PB141358BS

Tgt Ion:	237	Resp:	16097
Ion Ratio	Lower	Upper	
237	100		
235	62.1	42.3	82.3
272	11.4	0.0	32.2

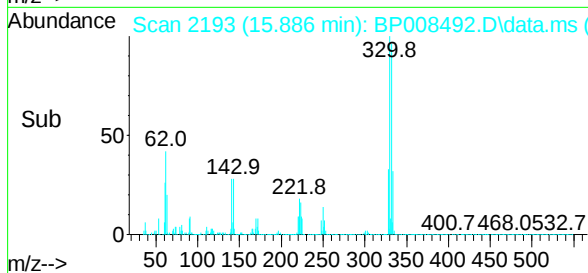
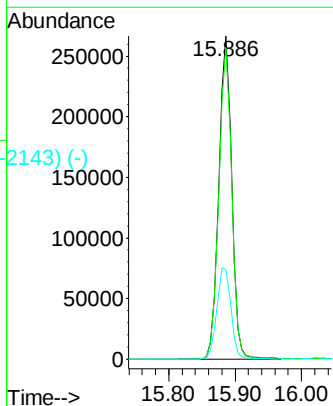
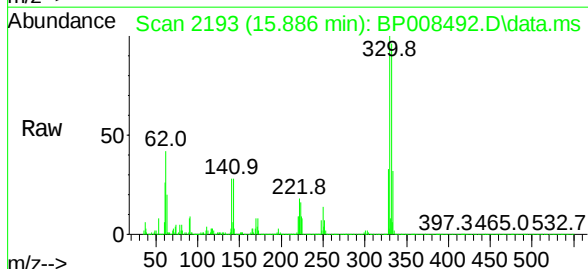
Manual Integrations
APPROVED

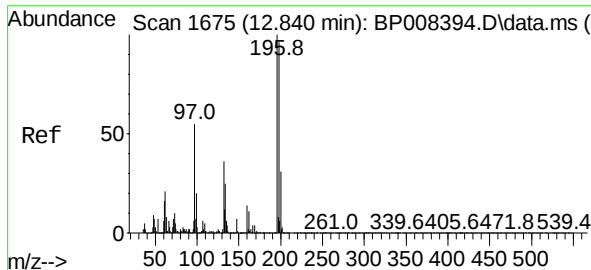
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



2,4,6-Tribromophenol
Concen: 121.027 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:	330	Resp:	353625
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.0	115.4
141	31.2	28.4	42.6





2,4,6-Trichlorophenol
Concen: 38.762 ng
RT: 12.822 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

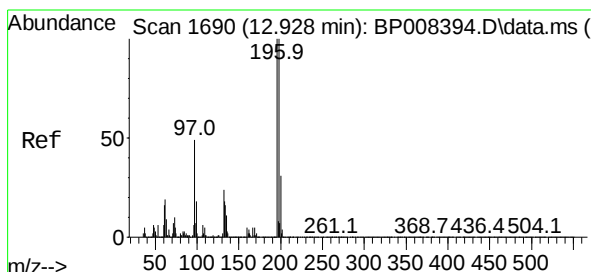
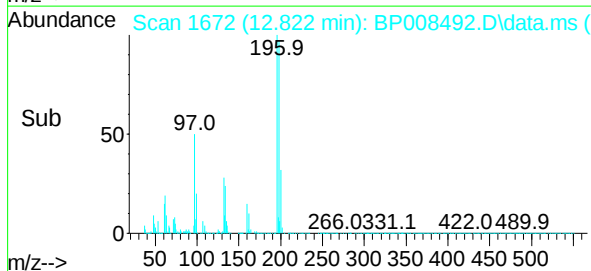
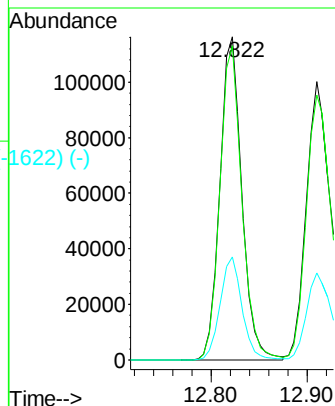
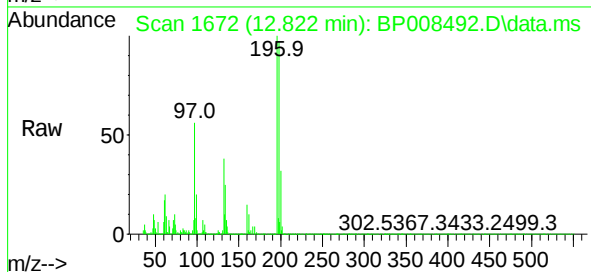
PB141358BS

Tgt Ion:196 Resp: 18498
Ion Ratio Lower Upper
196 100
198 97.2 74.8 112.2
200 31.9 24.3 36.9

Manual Integrations

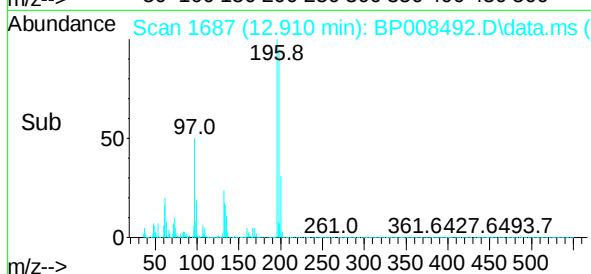
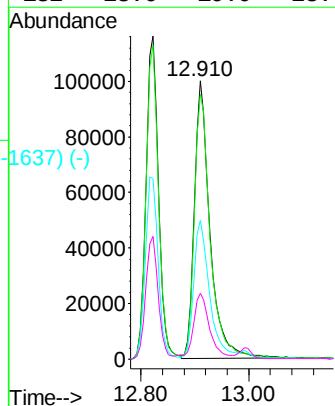
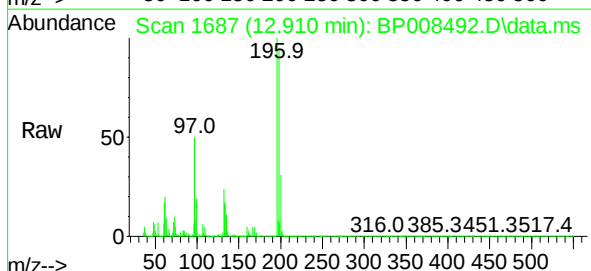
APPROVED

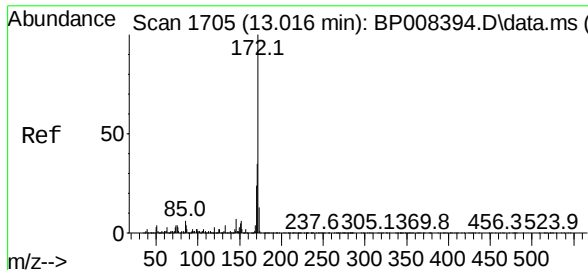
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



2,4,5-Trichlorophenol
Concen: 39.937 ng
RT: 12.910 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:196 Resp: 198780
Ion Ratio Lower Upper
196 100
198 95.2 76.2 114.4
97 50.0 40.8 61.2
132 23.6 19.0 28.4





2-Fluorobiphenyl
Concen: 69.962 ng
RT: 12.992 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

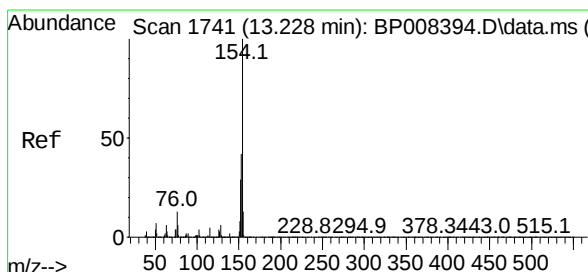
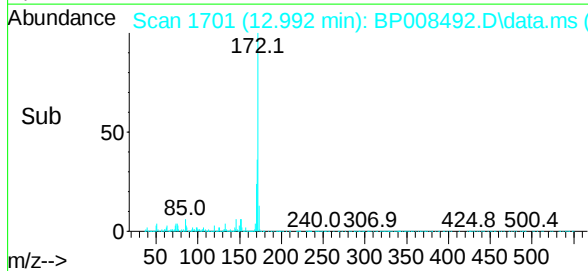
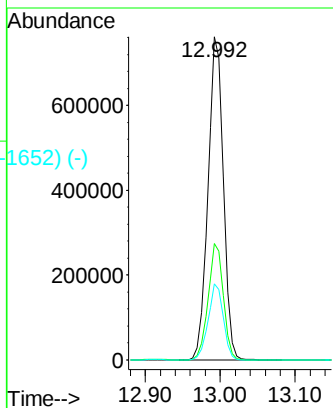
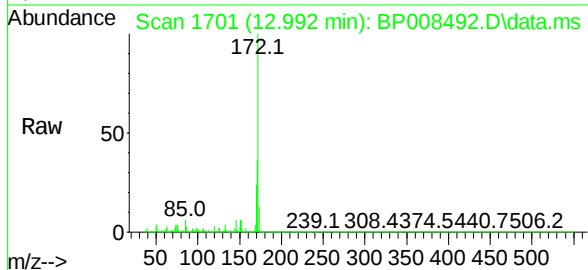
PB141358BS

Tgt Ion:172 Resp: 109425
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 23.6 18.9 28.3

Manual Integrations

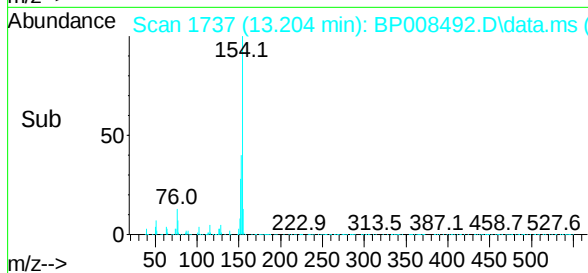
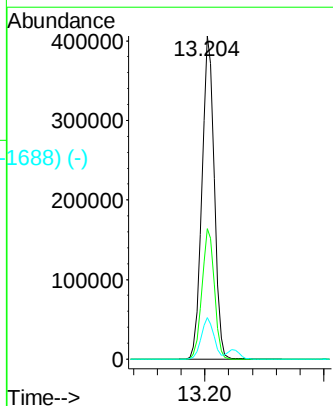
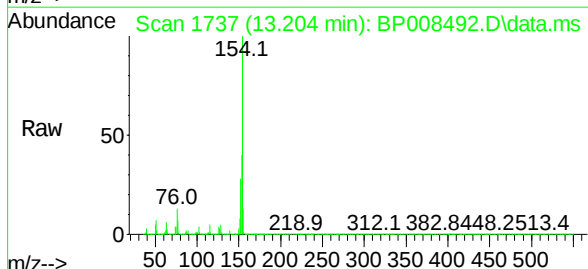
APPROVED

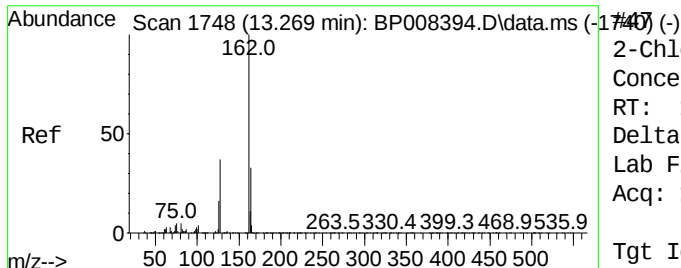
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1,1'-Biphenyl
Concen: 38.348 ng
RT: 13.204 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:154 Resp: 589070
Ion Ratio Lower Upper
154 100
153 40.5 19.7 59.7
76 12.9 0.0 33.7





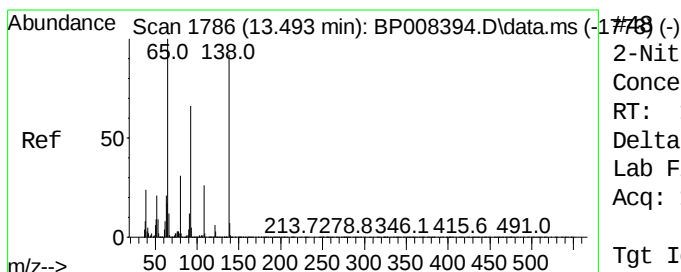
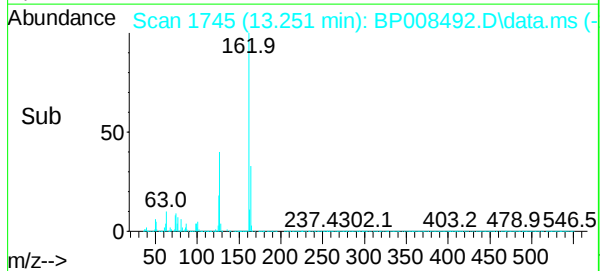
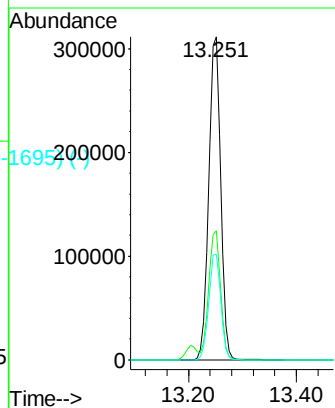
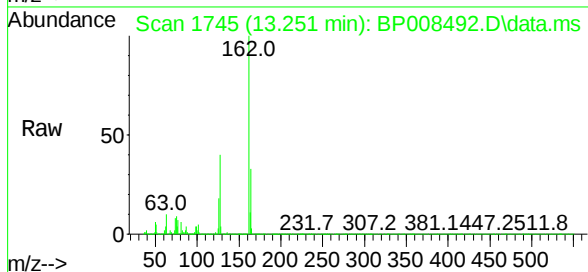
2-Chloronaphthalene
Concen: 38.717 ng
RT: 13.251 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :
BNA_P
ClientSampleId :
PB141358BS

Tgt Ion: 162 Resp: 47436
Ion Ratio Lower Upper
162 100
127 40.0 31.3 46.9
164 32.7 26.9 40.3

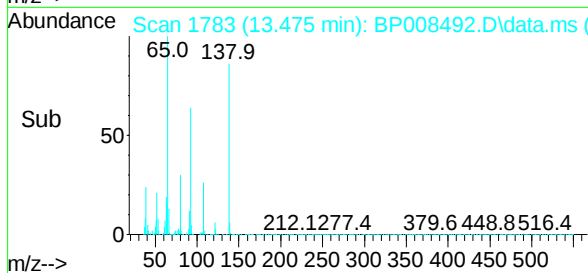
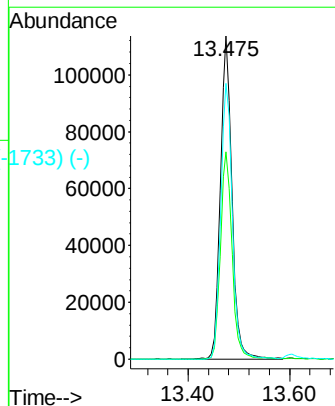
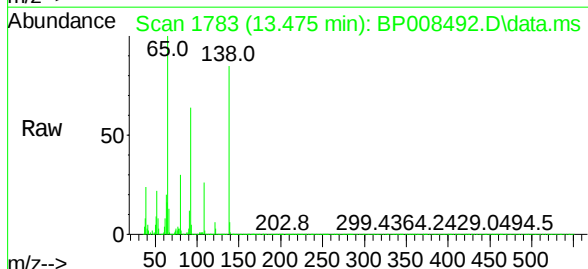
Manual Integrations
APPROVED

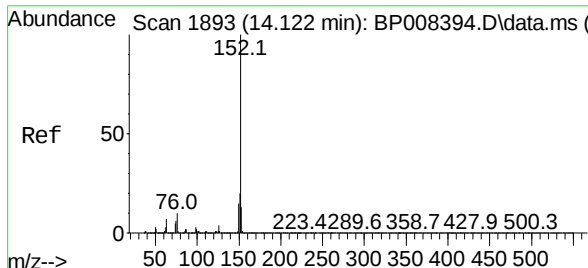
Reviewed By : Christian Giraldo 12/20/2021
Supervised By : mohammad ahmed 12/27/2021



2-Nitroaniline
Concen: 43.509 ng
RT: 13.475 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion: 65 Resp: 179294
Ion Ratio Lower Upper
65 100
92 64.2 50.6 75.8
138 85.4 68.7 103.1





Acenaphthylene
Concen: 41.440 ng
RT: 14.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

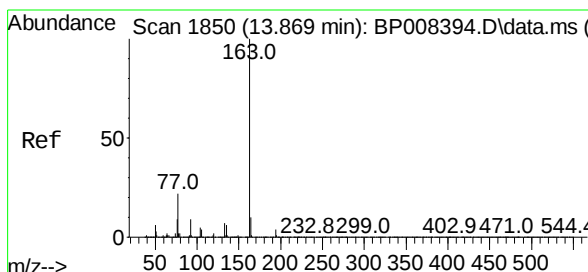
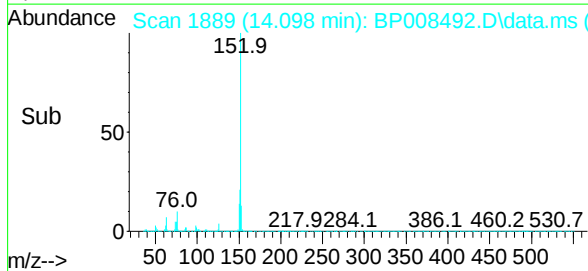
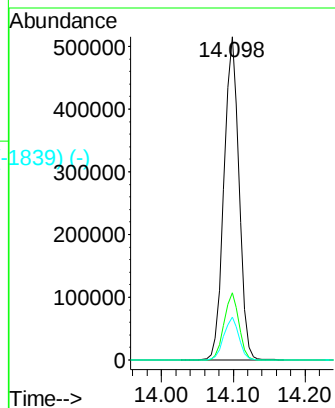
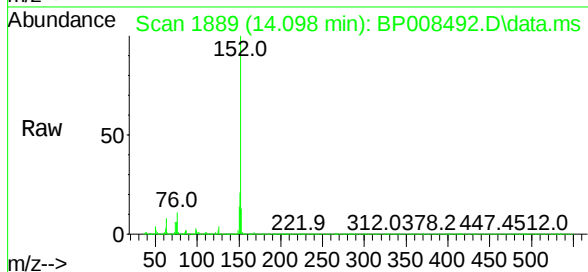
PB141358BS

Tgt Ion:152 Resp: 74638
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.2 10.9 16.3

Manual Integrations

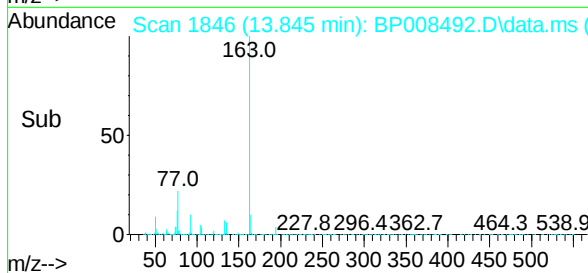
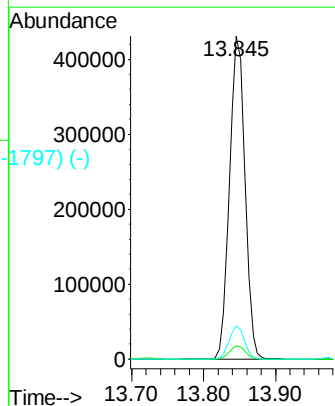
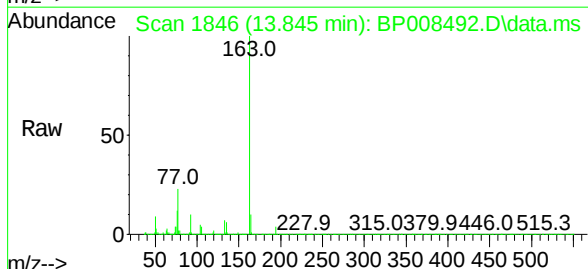
APPROVED

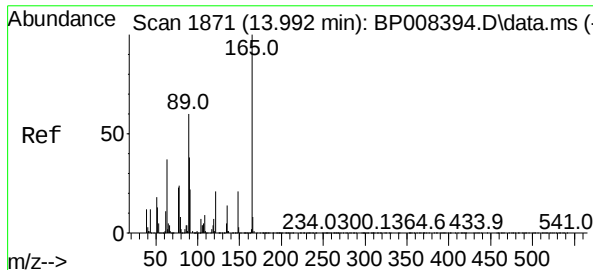
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Dimethylphthalate
Concen: 43.037 ng
RT: 13.845 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:163 Resp: 647859
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.4 8.2 12.2





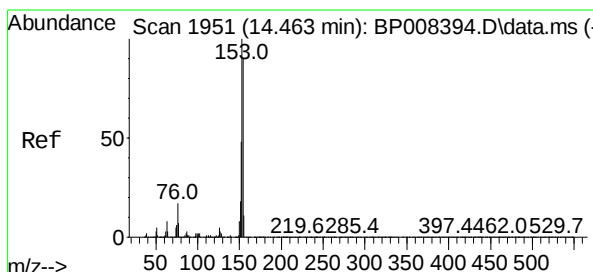
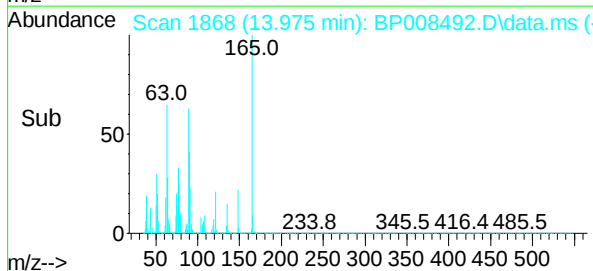
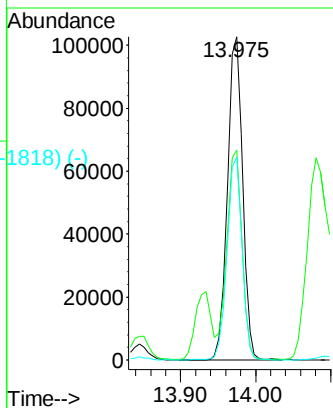
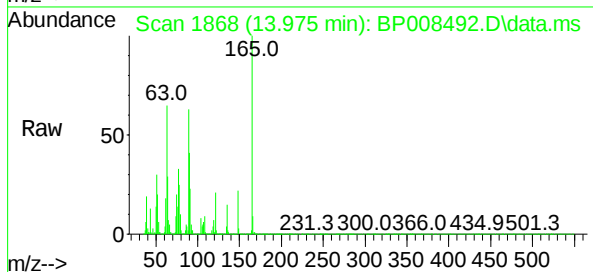
2,6-Dinitrotoluene
Concen: 45.210 ng
RT: 13.975 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :
BNA_P
ClientSampleId :
PB141358BS

Tgt Ion:	165	Resp:	14207
Ion Ratio	Lower	Upper	
165	100		
63	64.9	50.8	76.2
89	62.8	50.0	75.0

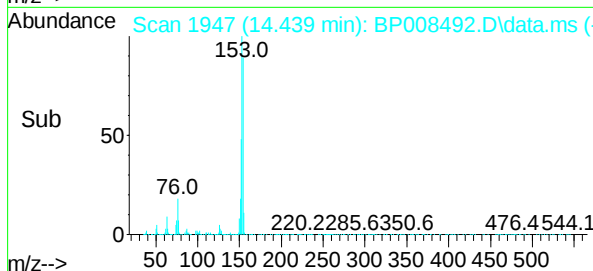
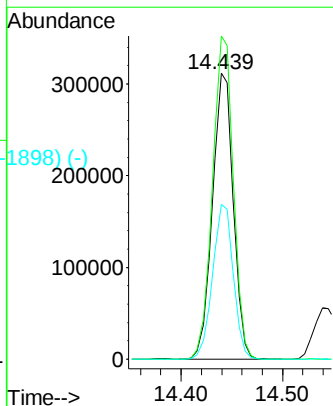
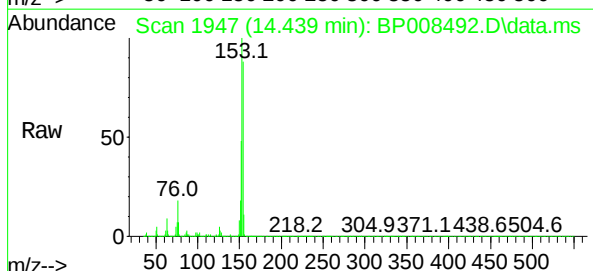
Manual Integrations
APPROVED

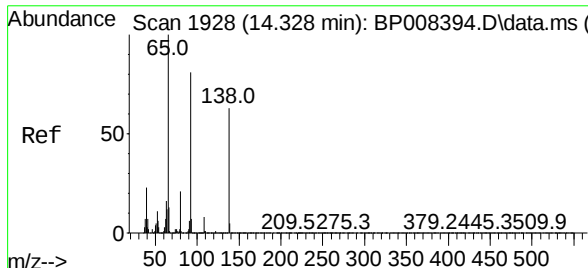
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Acenaphthene
Concen: 41.338 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:	154	Resp:	442863
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.3	135.5
152	54.2	43.3	64.9





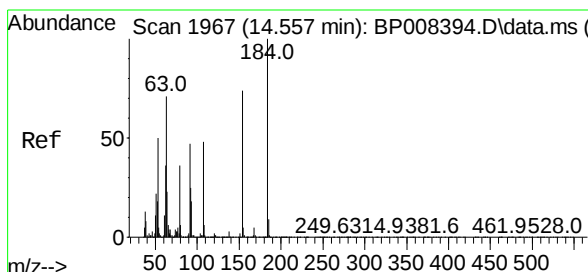
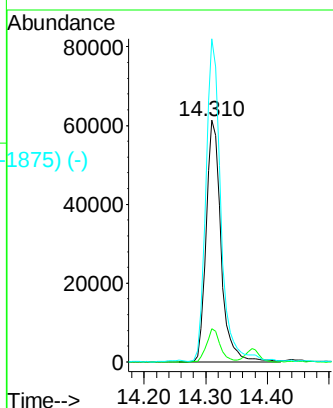
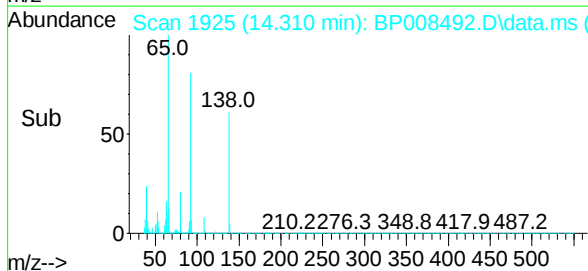
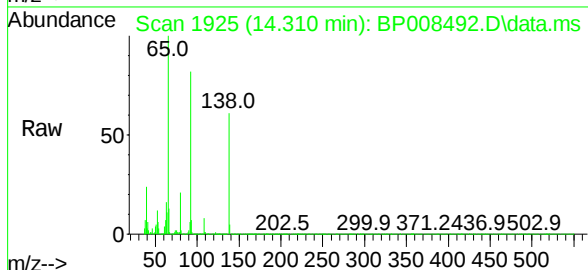
Scan 1928 (14.328 min): BP008394.D\data.ms (-1958) (-)
 3-Nitroaniline
 Concen: 34.577 ng
 RT: 14.310 min Scan# 1928
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Instrument :
 BNA_P
 ClientSampleId :
 PB141358BS

Tgt Ion:	138	Resp:	10236
Ion	Ratio	Lower	Upper
138	100		
108	13.8	9.2	13.8
92	133.7	102.9	154.3

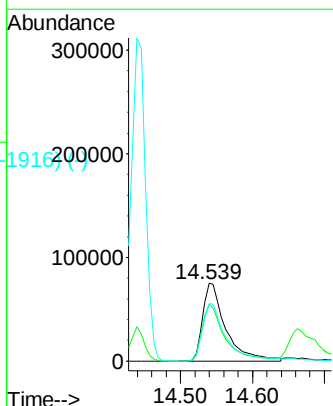
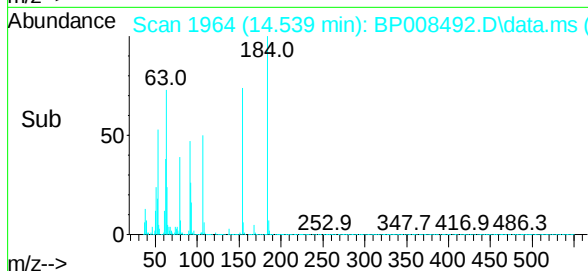
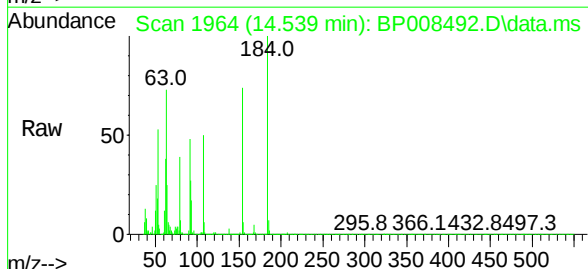
Manual Integrations
 APPROVED

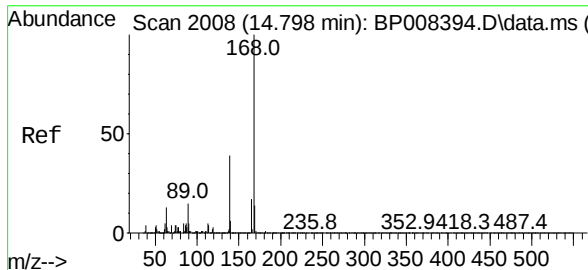
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 1967 (14.557 min): BP008394.D\data.ms (-1959) (-)
 2,4-Dinitrophenol
 Concen: 101.840 ng
 RT: 14.539 min Scan# 1964
 Delta R.T. -0.018 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Tgt Ion:	184	Resp:	167064
Ion	Ratio	Lower	Upper
184	100		
63	72.8	53.8	80.6
154	74.0	54.2	81.2





Scan 2008 (14.798 min): BP008394.D\data.ms (-1955) (-)
 Dibenzofuran
 Concen: 40.096 ng
 RT: 14.781 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

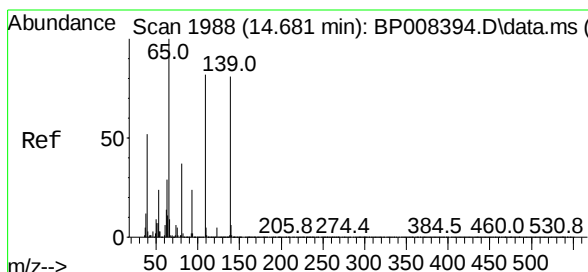
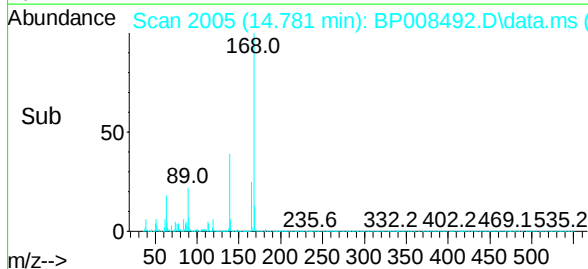
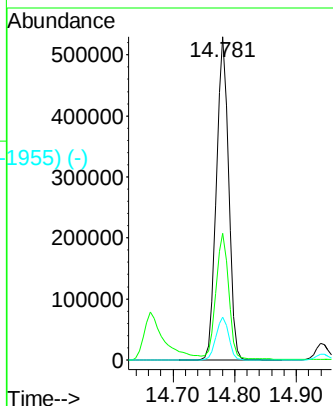
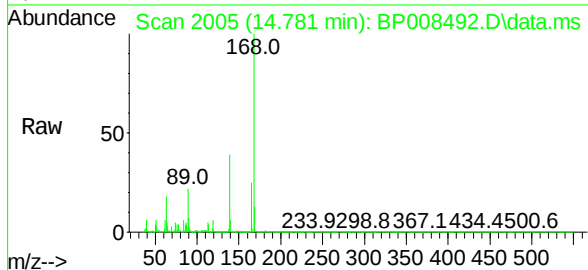
PB141358BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.6	46.0
169	13.3	11.0	16.4

Manual Integrations

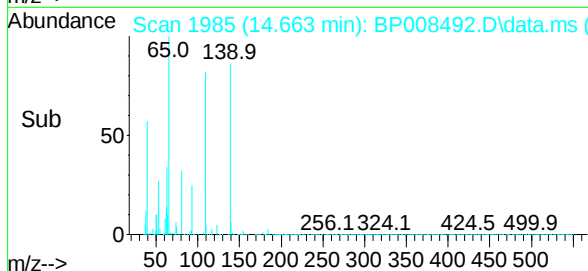
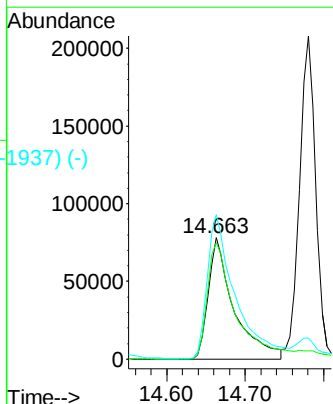
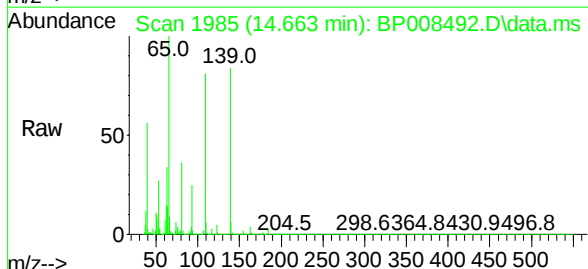
APPROVED

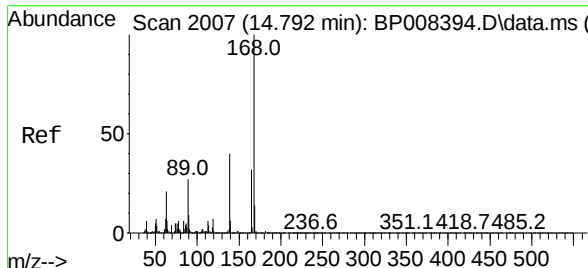
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 1988 (14.681 min): BP008394.D\data.ms (-1956) (-)
 4-Nitrophenol
 Concen: 103.919 ng
 RT: 14.663 min Scan# 1985
 Delta R.T. -0.018 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.0	65.9	105.9
65	119.1	91.9	131.9





2,4-Dinitrotoluene
Concen: 48.404 ng
RT: 14.781 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

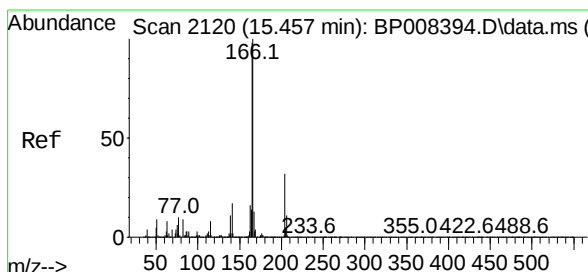
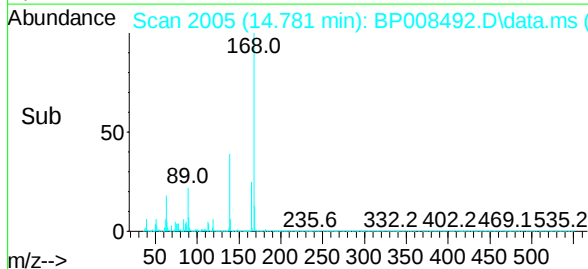
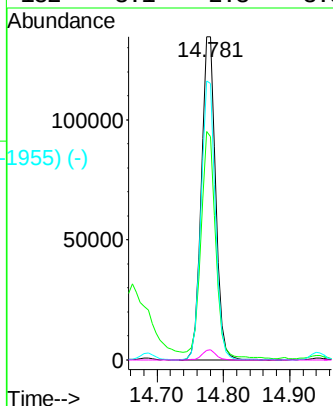
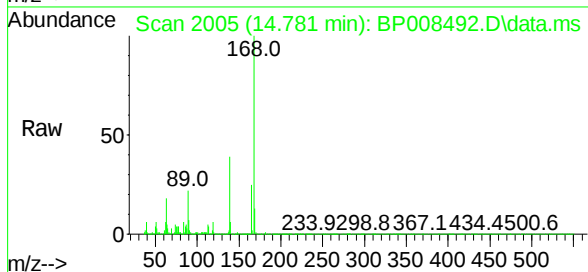
PB141358BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.1	38.9	58.3
89	85.6	60.5	90.7
182	3.1	2.3	3.5

Manual Integrations

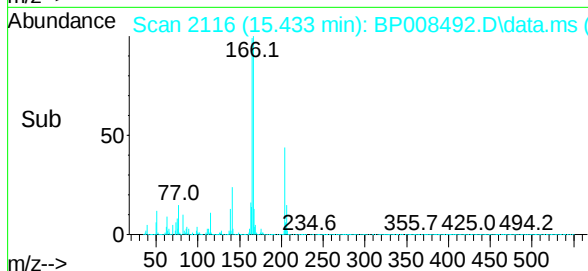
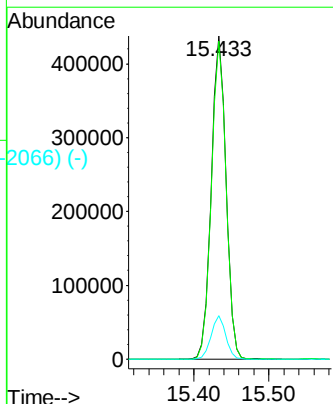
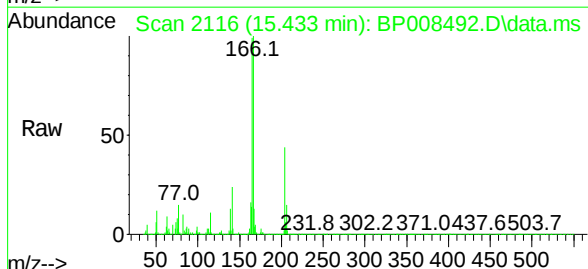
APPROVED

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

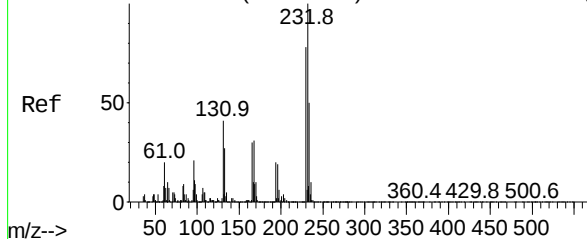


Fluorene
Concen: 42.443 ng
RT: 15.433 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.4	119.2
167	13.4	10.9	16.3



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



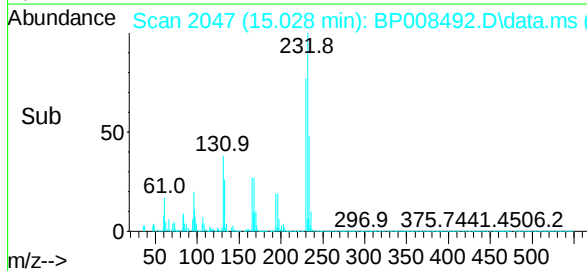
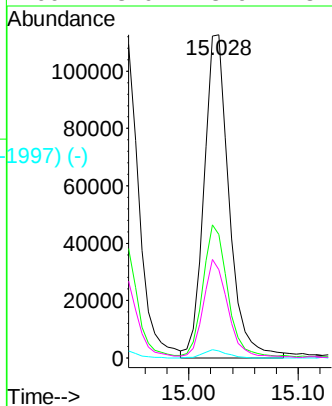
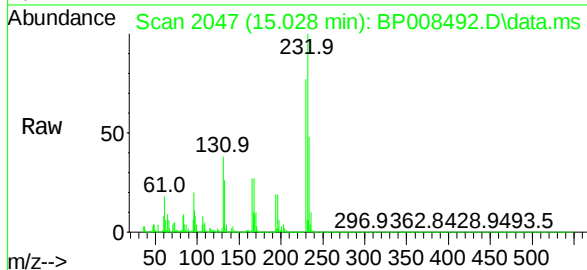
2,3,4,6-Tetrachlorophenol
Concen: 42.332 ng m
RT: 15.028 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :
BNA_P
ClientSampleId :
PB141358BS

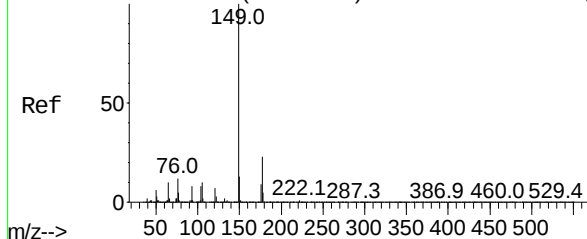
Tgt Ion	Ratio	Lower	Upper
232	100		
131	33.8	28.1	42.3
130	2.3	1.8	2.8
166	23.0	18.9	28.3

Manual Integrations
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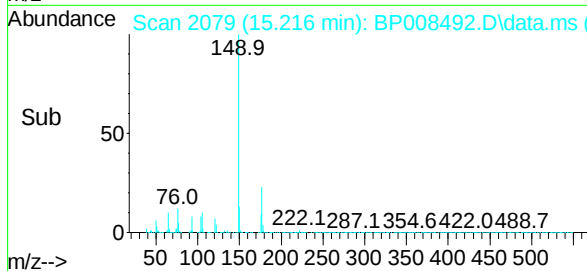
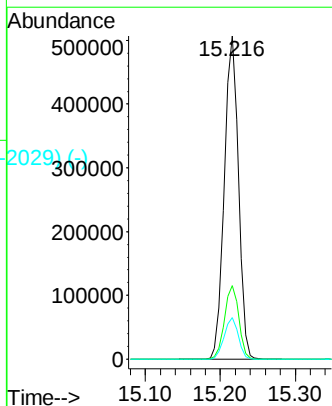
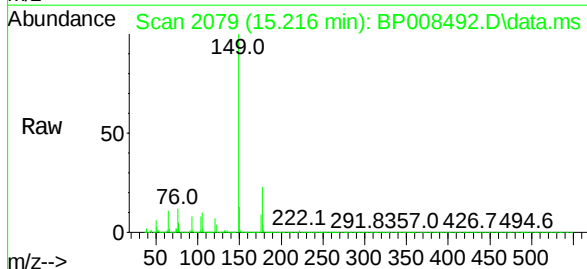


Abundance Scan 2082 (15.234 min): BP008394.D\data.ms (-2078) (-)



Diethylphthalate
Concen: 45.763 ng
RT: 15.216 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	12.9	10.3	15.5



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

4-Chlorophenyl-phenylether

Concen: 40.912 ng

RT: 15.428 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BP008492.D

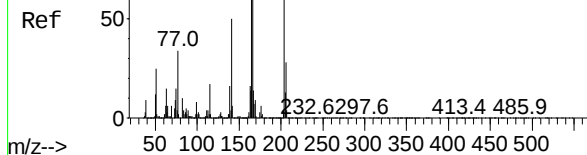
Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

PB141358BS

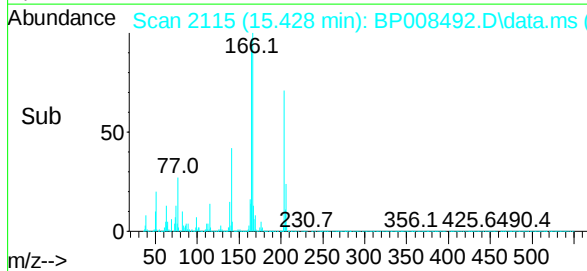
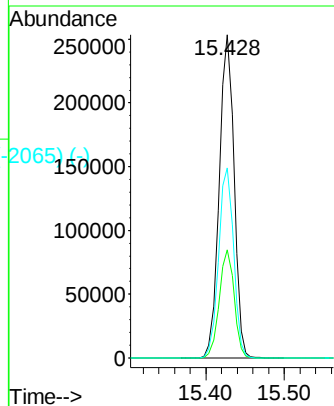
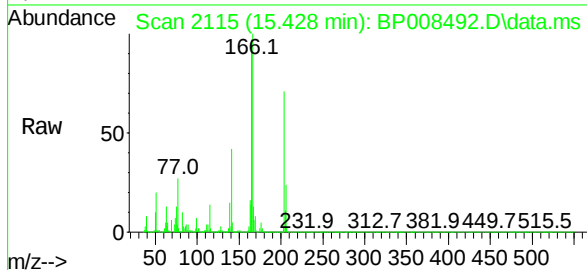


Tgt Ion:	204	Resp:	33028
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.1	39.3
141	58.9	47.4	71.0

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

4-Nitroaniline

Concen: 47.142 ng

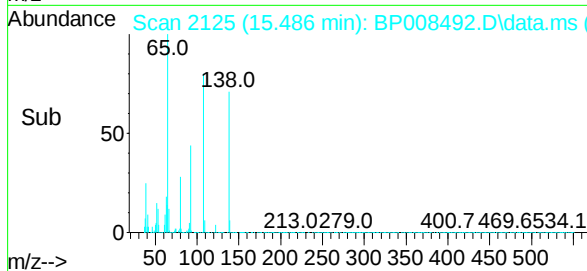
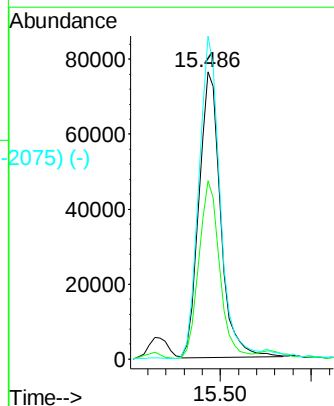
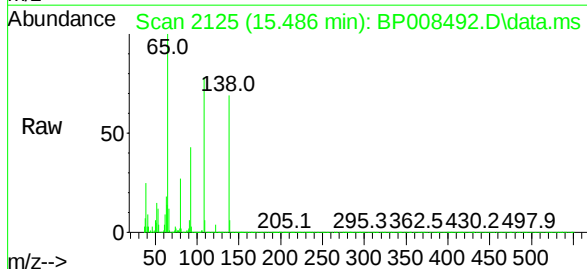
RT: 15.486 min Scan# 2125

Delta R.T. -0.006 min

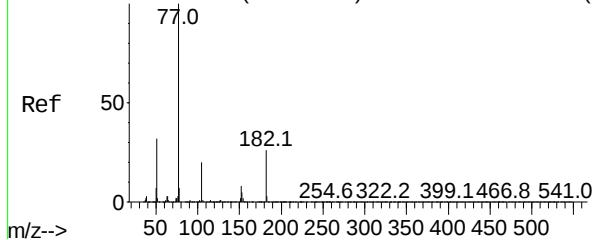
Lab File: BP008492.D

Acq: 18 Dec 2021 16:53

Tgt Ion:	138	Resp:	125671
Ion Ratio	Lower	Upper	
138	100		
92	62.1	40.8	80.8
108	112.3	77.9	117.9



Abundance Scan 2169 (15.745 min): BP008394.D\data.ms (-2169) (-)



Azobenzene
Concen: 45.033 ng
RT: 15.722 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

Client SampleId :

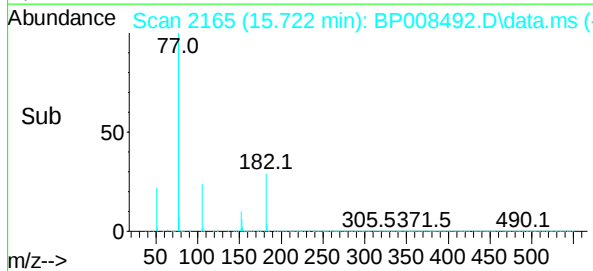
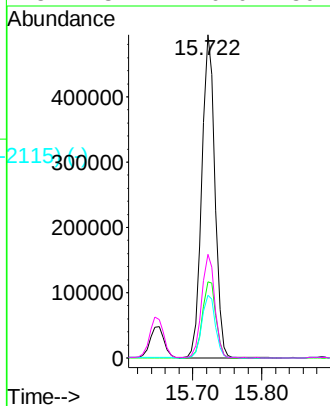
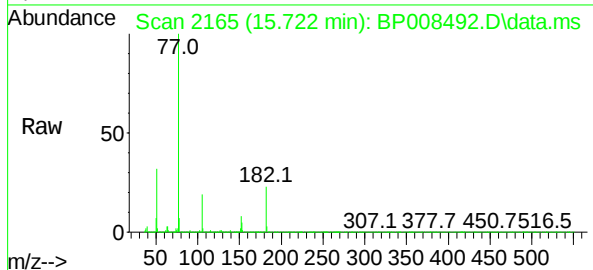
BP141358BS

Tgt Ion: 77 Resp: 65222
Ion Ratio Lower Upper
77 100
182 23.5 3.8 43.8
105 19.5 0.5 40.5
51 32.1 10.0 50.0

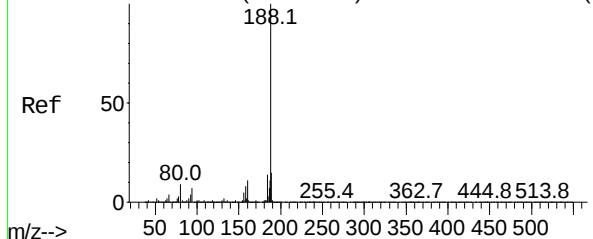
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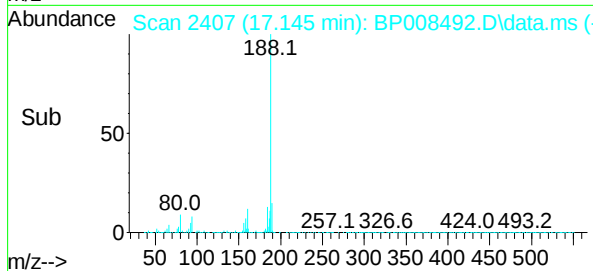
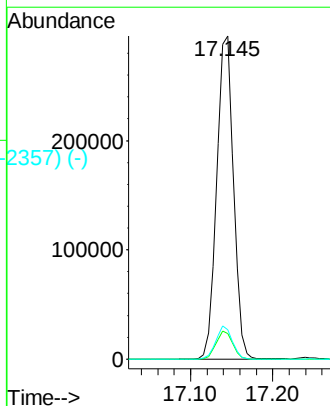
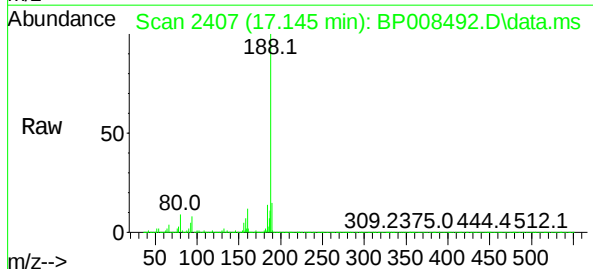


Abundance Scan 2410 (17.163 min): BP008394.D\data.ms (-2410) (-)

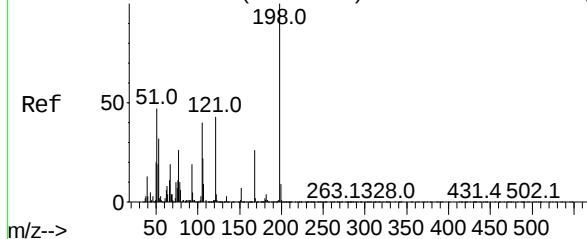


Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:188 Resp: 422433
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 9.2 8.2 12.4



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



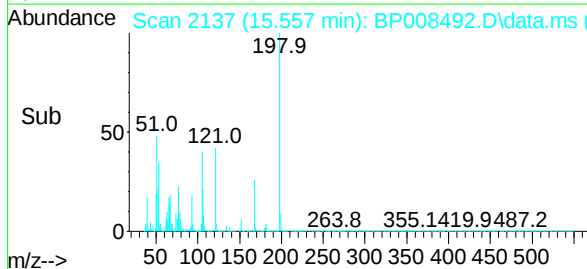
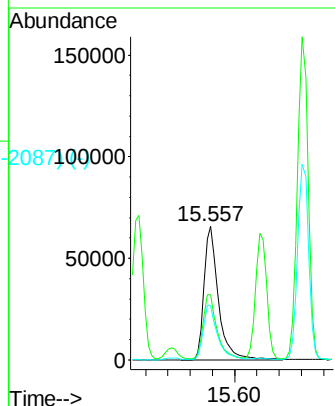
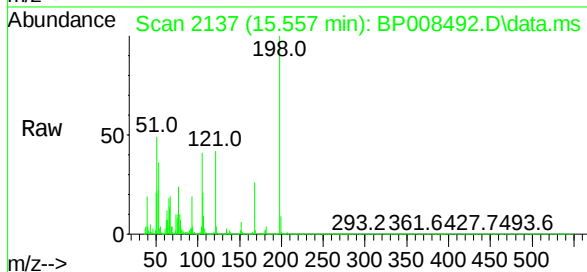
4,6-Dinitro-2-methylphenol
Concen: 42.543 ng
RT: 15.557 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :
BNA_P
ClientSampleId :
PB141358BS

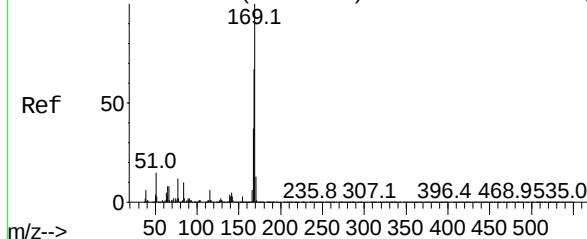
Tgt Ion:198 Resp: 11742
Ion Ratio Lower Upper
198 100
51 48.9 25.9 65.9
105 40.5 20.2 60.2

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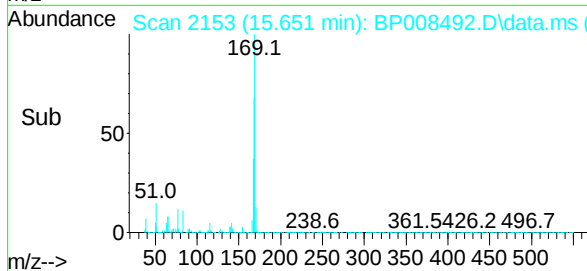
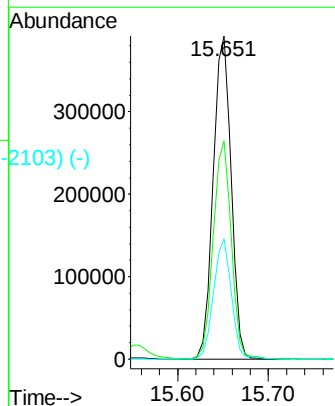
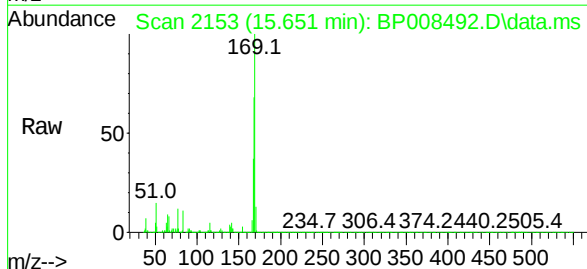


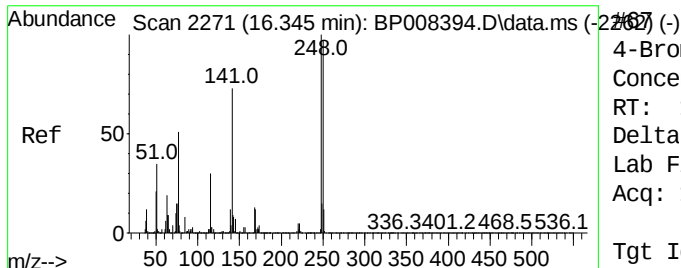
Abundance Scan 2156 (15.669 min): BP008394.D\data.ms (-2156) (-)



n-Nitrosodiphenylamine
Concen: 40.390 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:169 Resp: 537195
Ion Ratio Lower Upper
169 100
168 67.5 53.5 80.3
167 37.2 29.3 43.9





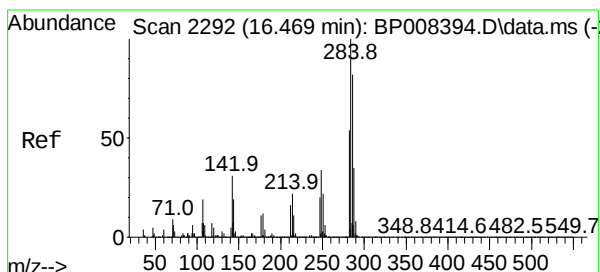
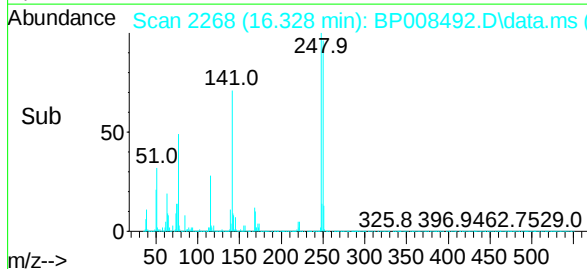
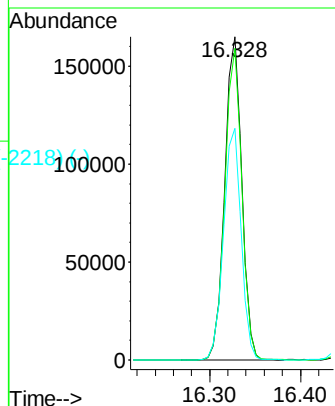
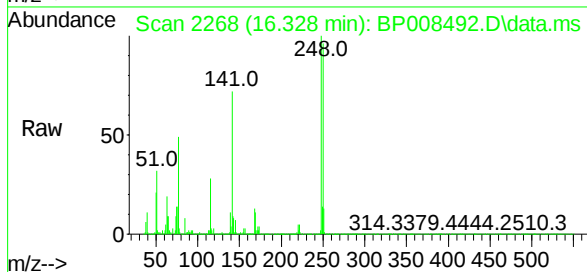
4-Bromophenyl-phenylether
Concen: 39.156 ng
RT: 16.328 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :
BNA_P
ClientSampleId :
PB141358BS

Tgt Ion:248 Resp: 21544
Ion Ratio Lower Upper
248 100
250 96.4 78.6 117.8
141 71.6 57.0 85.6

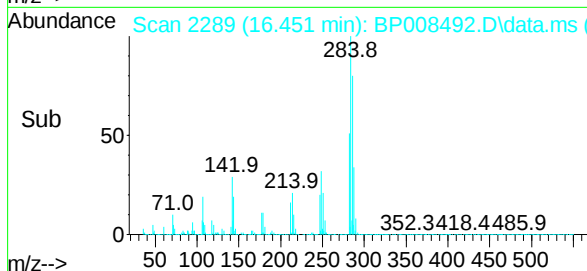
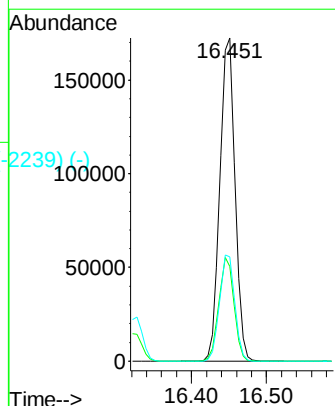
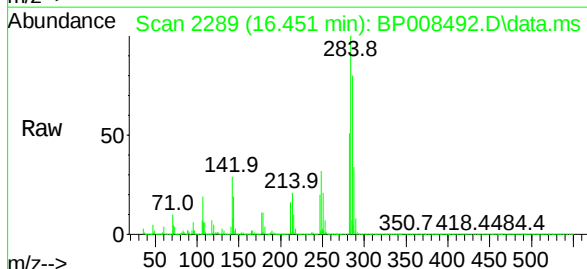
Manual Integrations
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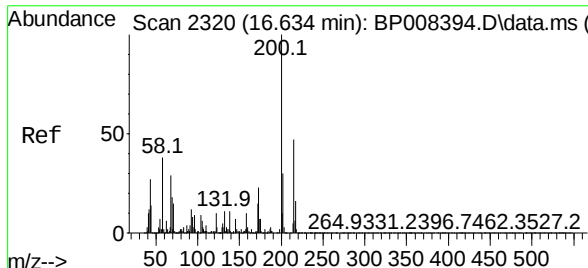
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Supervised By :mohammad ahmed 12/27/2021



Hexachlorobenzene
Concen: 39.669 ng
RT: 16.451 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:284 Resp: 240373
Ion Ratio Lower Upper
284 100
142 29.3 28.6 42.8
249 32.3 27.1 40.7





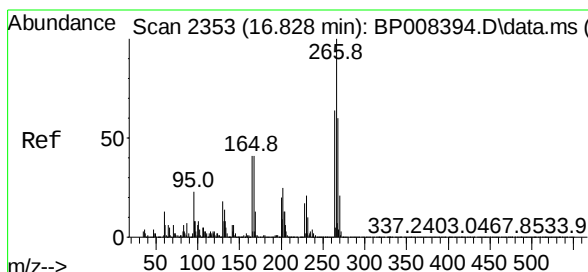
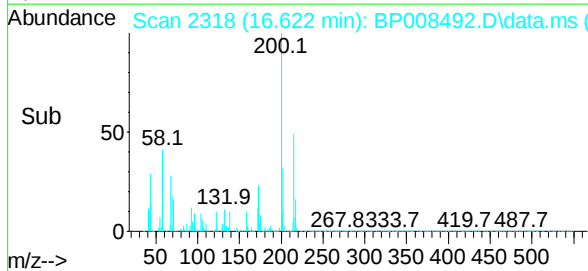
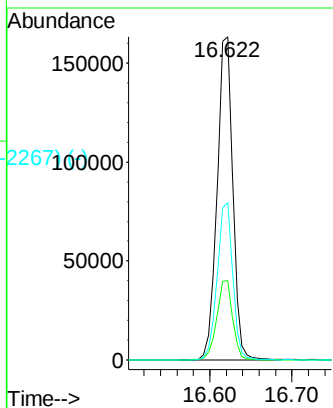
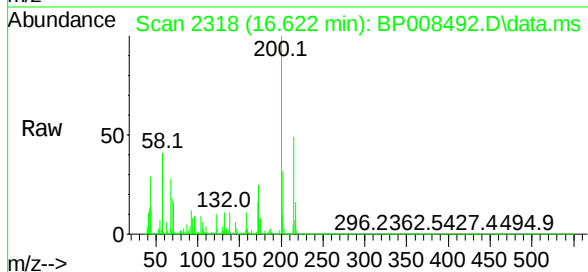
Atrazine
Concen: 74.612 ng
RT: 16.622 min Scan# 2319
Delta R.T. -0.000 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :
BNA_P
Client Sample Id :
PB141358BS

Tgt Ion:200 Resp: 2186
Ion Ratio Lower Upper
200 100
173 24.6 6.8 46.8
215 48.8 28.4 68.4

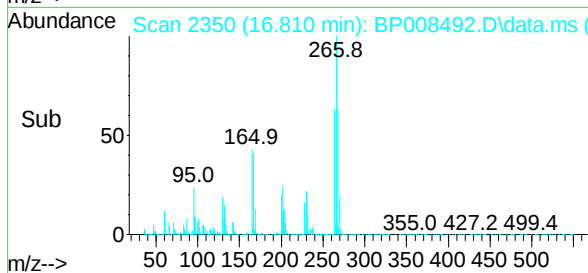
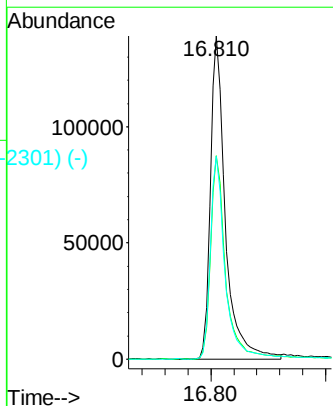
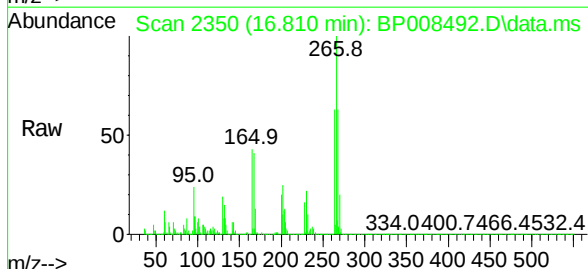
Manual Integrations
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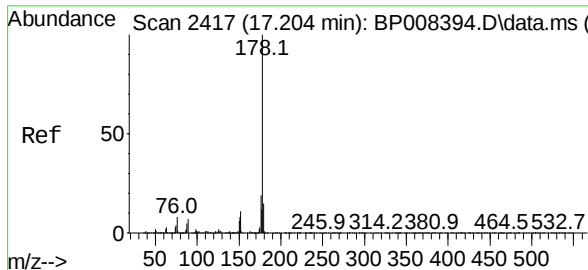
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Pentachlorophenol
Concen: 92.386 ng
RT: 16.810 min Scan# 2350
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:266 Resp: 250182
Ion Ratio Lower Upper
266 100
268 63.0 50.1 75.1
264 62.7 49.5 74.3





Phenanthrene
Concen: 42.131 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

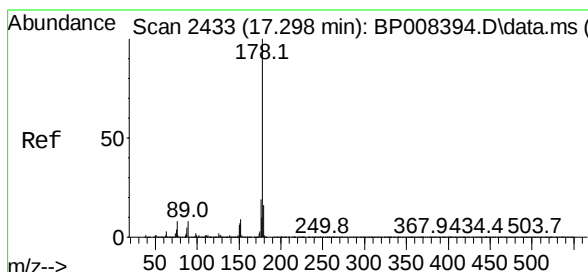
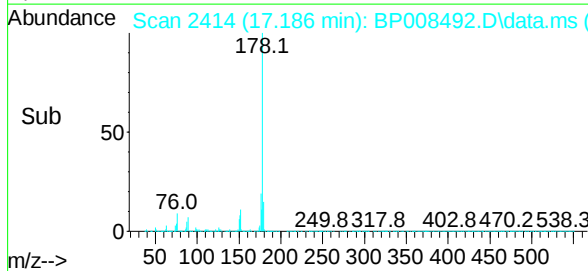
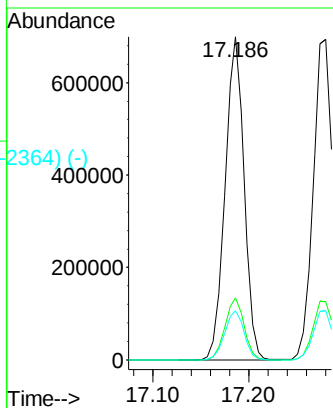
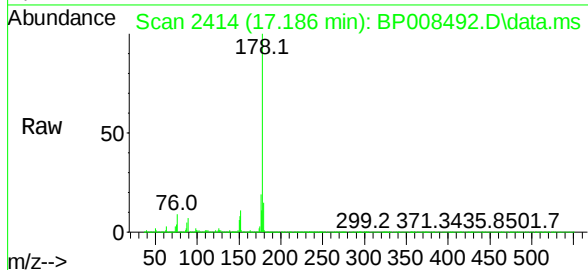
PB141358BS

Tgt Ion:178 Resp: 96409
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.3 12.5 18.7

Manual Integrations

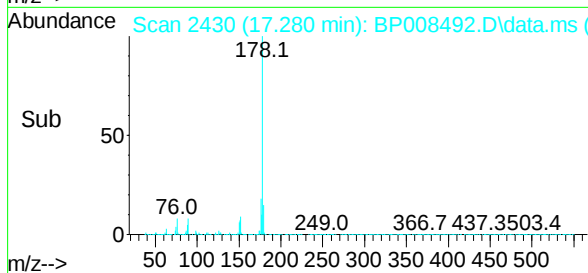
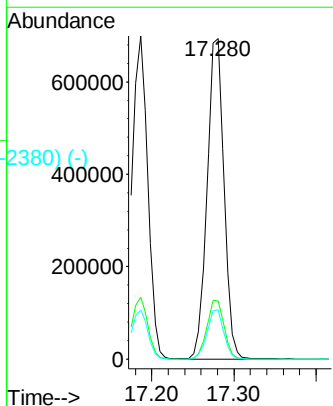
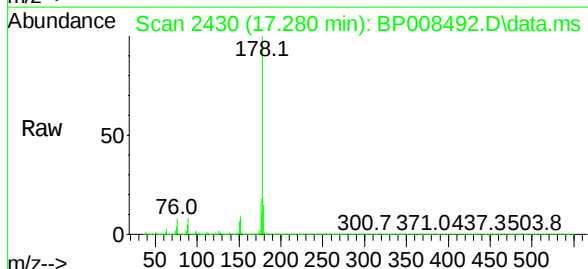
APPROVED

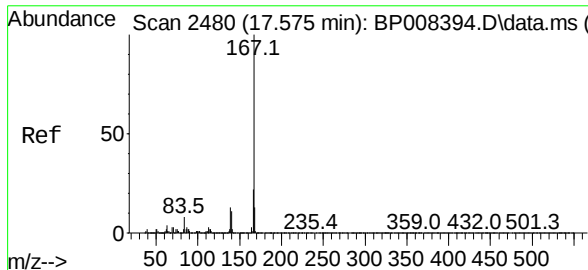
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Anthracene
Concen: 43.961 ng
RT: 17.280 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:178 Resp: 992476
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 15.3 12.3 18.5





Carbazole
Concen: 42.729 ng
RT: 17.563 min Scan# 2478
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

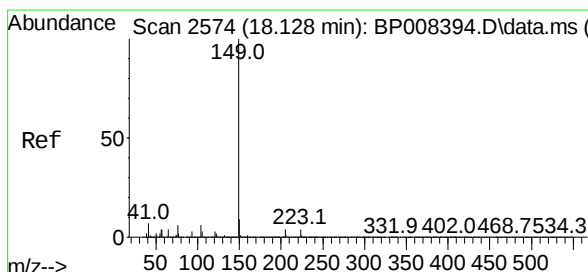
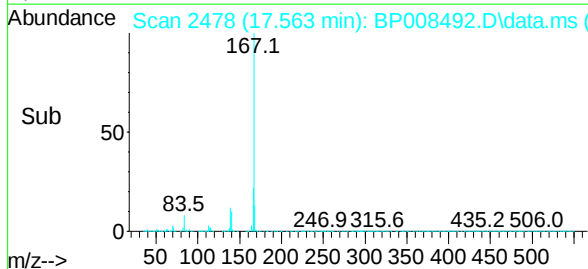
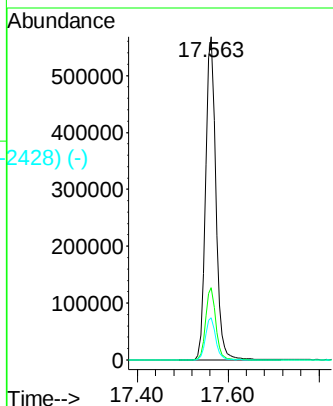
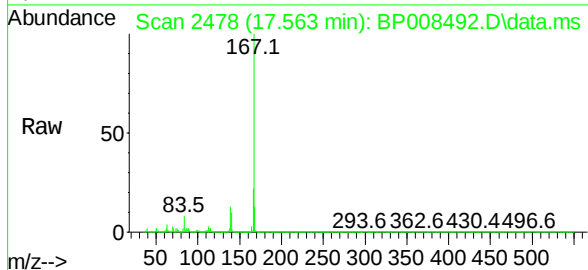
PB141358BS

Tgt Ion:167 Resp: 88277
Ion Ratio Lower Upper
167 100
166 22.4 17.4 26.0
139 13.1 10.2 15.2

Manual Integrations

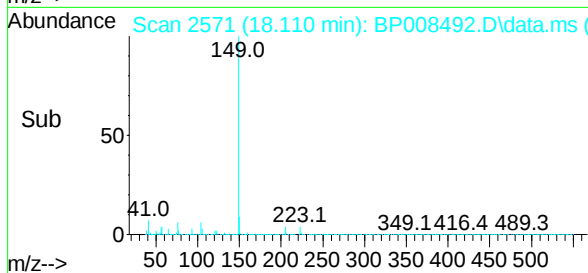
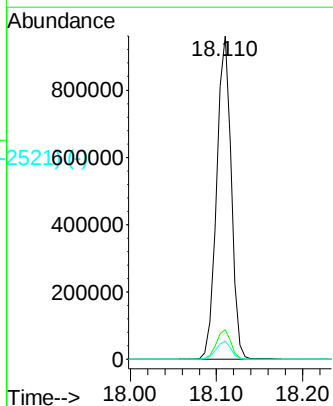
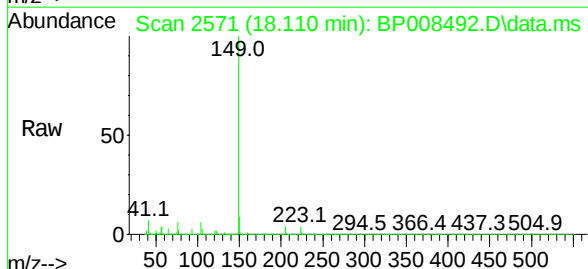
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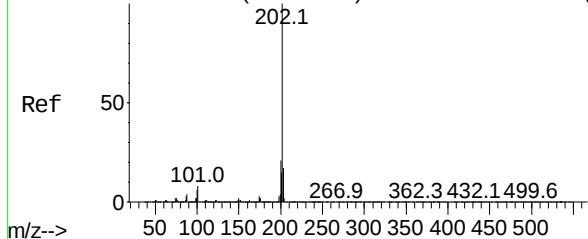


Di-n-butylphthalate
Concen: 47.756 ng
RT: 18.110 min Scan# 2571
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:149 Resp: 1131956
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.6 4.4 6.6



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



Fluoranthene

Concen: 47.413 ng

RT: 19.169 min Scan# 2754

Delta R.T. -0.006 min

Lab File: BP008492.D

Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

BP141358BS

Tgt Ion:202 Resp: 122490

Ion Ratio Lower Upper

202 100

101 8.6 0.0 29.8

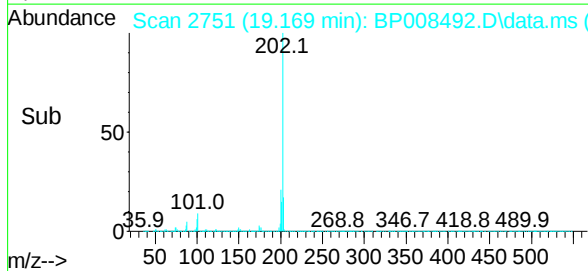
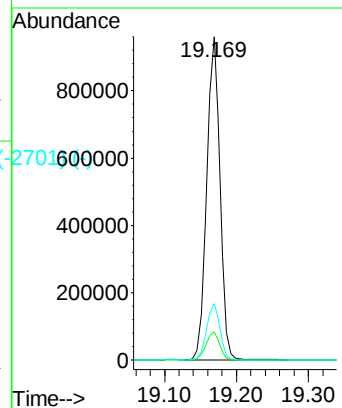
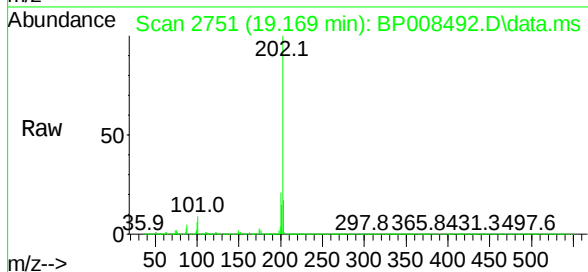
203 17.4 0.0 37.7

Manual Integrations

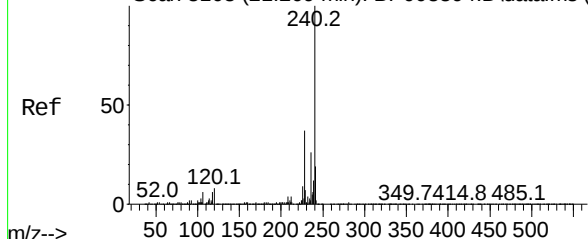
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Supervised By :mohammad ahmed 12/27/2021



Abundance Scan 3108 (21.269 min): BP008394.D\data.ms (-3056) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 21.257 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP008492.D

Acq: 18 Dec 2021 16:53

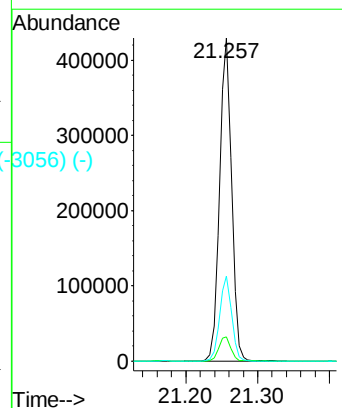
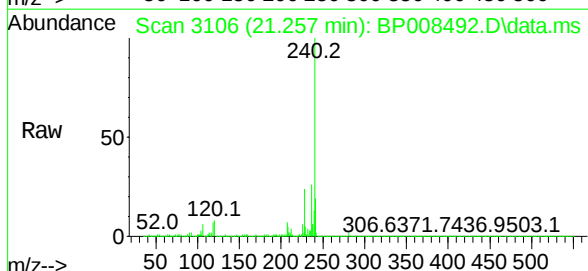
Tgt Ion:240 Resp: 496986

Ion Ratio Lower Upper

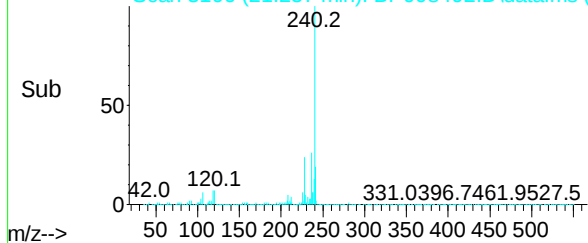
240 100

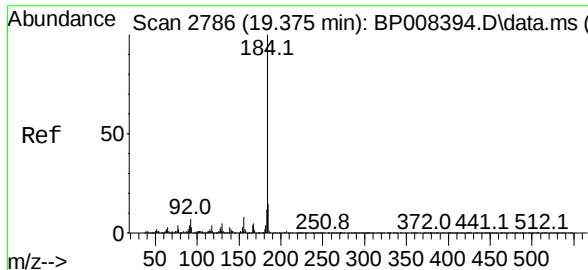
120 7.5 7.3 10.9

236 26.4 21.4 32.2



Abundance Scan 3106 (21.257 min): BP008492.D\data.ms (-3056) (-)





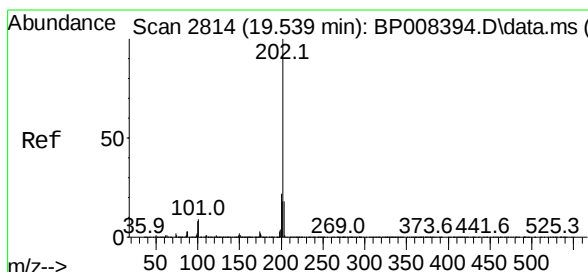
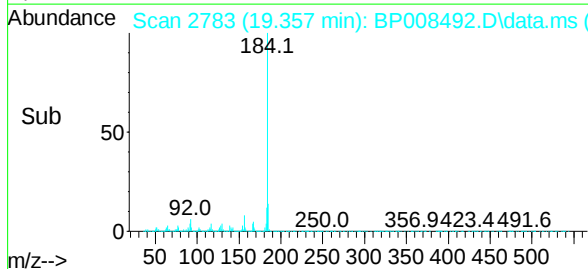
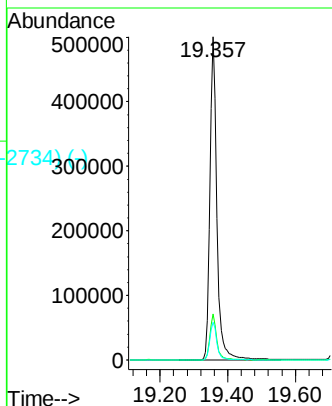
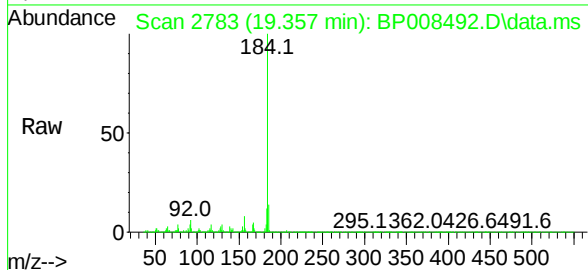
Benzidine
Concen: 145.389 ng
RT: 19.357 min Scan# 2783
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :
BNA_P
ClientSampleId :
PB141358BS

Tgt Ion:184 Resp: 73290
Ion Ratio Lower Upper
184 100
185 14.3 10.3 15.5
183 11.7 9.1 13.7

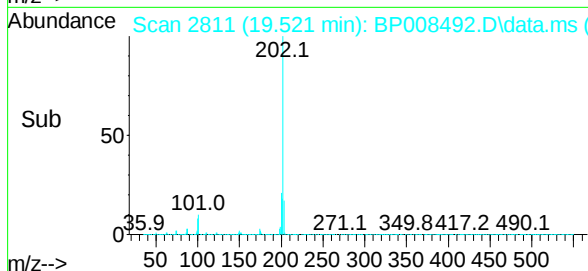
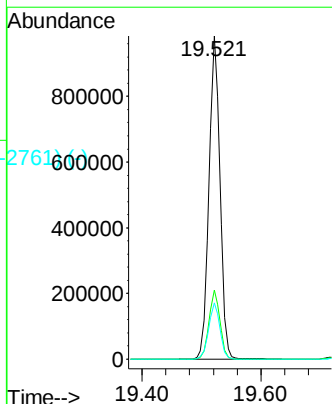
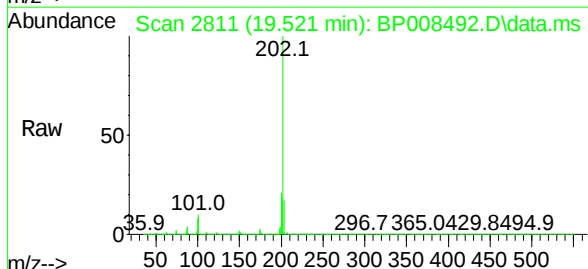
Manual Integrations
APPROVED

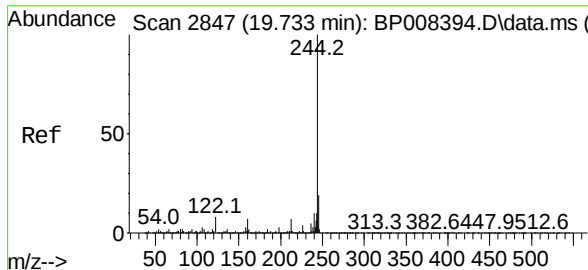
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Pyrene
Concen: 35.588 ng
RT: 19.521 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:202 Resp: 1265404
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.4 14.2 21.2





Terphenyl-d14
 Concen: 70.244 ng
 RT: 19.721 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

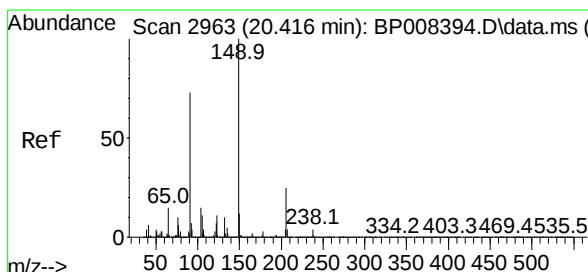
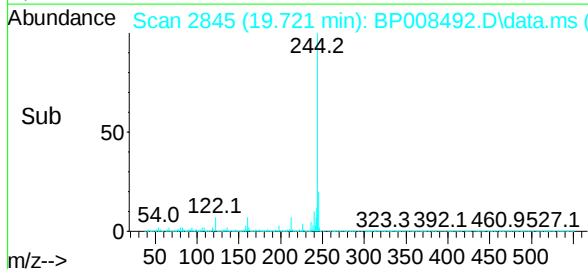
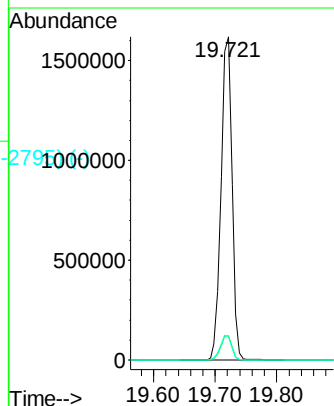
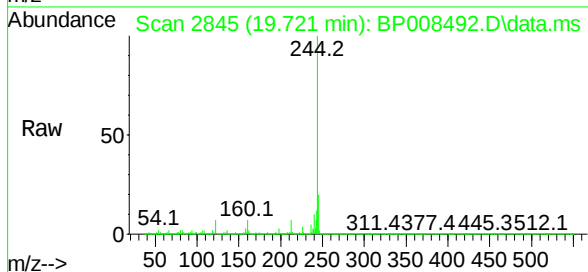
PB141358BS

Tgt Ion:244 Resp: 200589
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 7.1 6.6 9.8

Manual Integrations

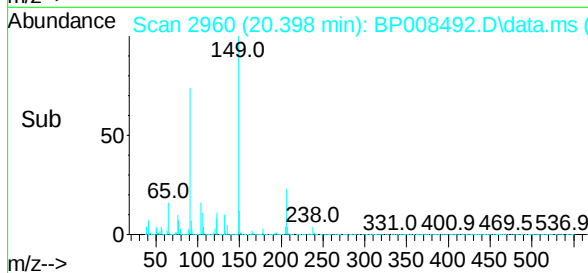
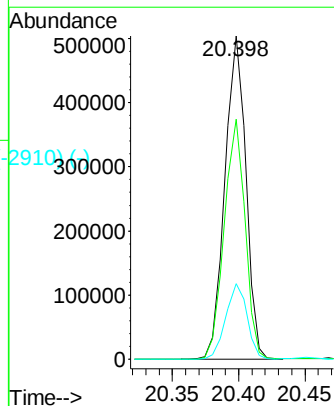
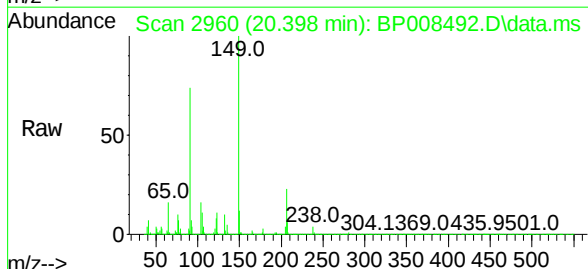
APPROVED

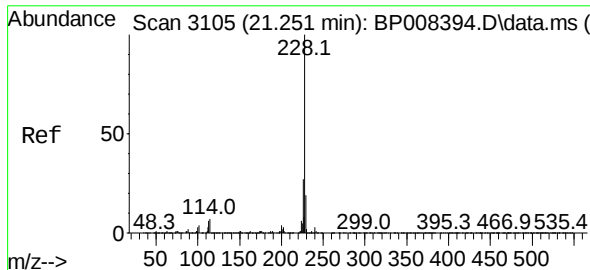
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Butylbenzylphthalate
 Concen: 42.557 ng
 RT: 20.398 min Scan# 2960
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Tgt Ion:149 Resp: 550937
 Ion Ratio Lower Upper
 149 100
 91 74.3 59.8 89.8
 206 23.4 18.6 27.8





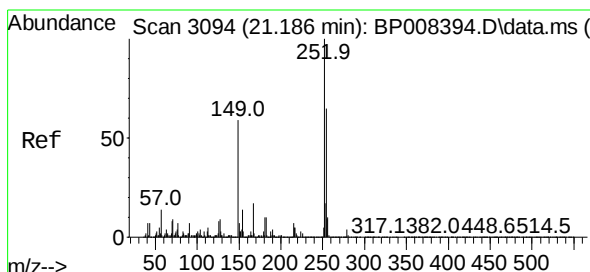
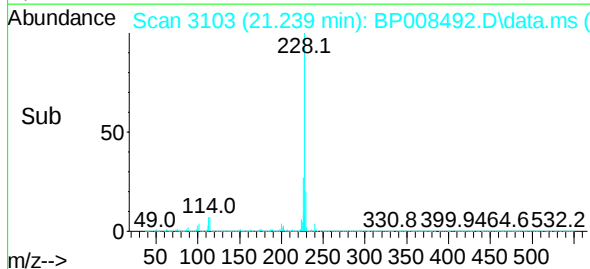
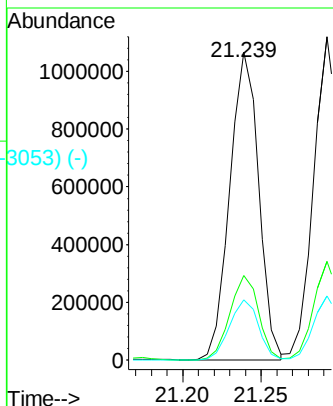
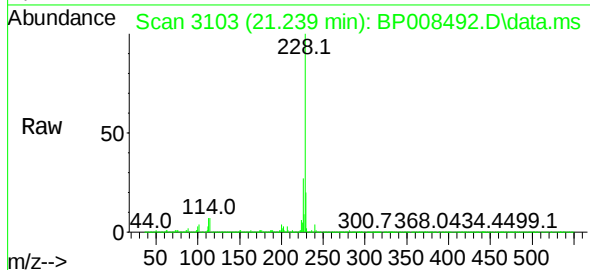
Benzo(a)anthracene
Concen: 40.948 ng
RT: 21.239 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :
BNA_P
ClientSampleId :
PB141358BS

Tgt Ion:228 Resp: 136385
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 19.5 15.9 23.9

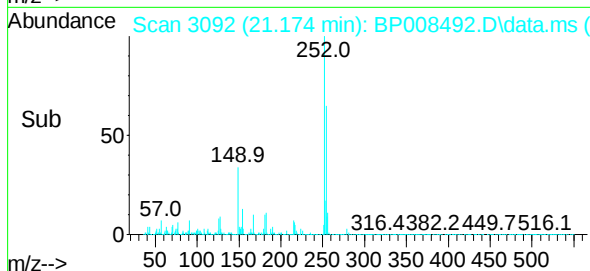
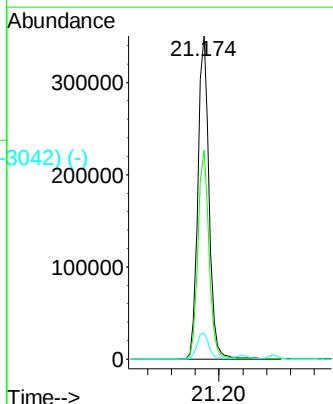
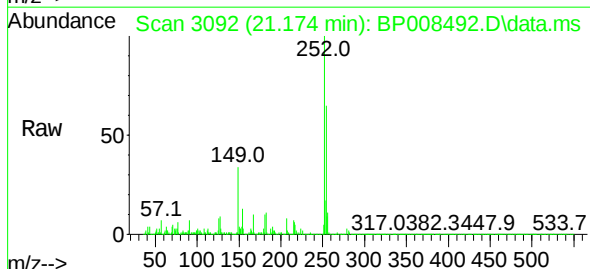
Manual Integrations
APPROVED

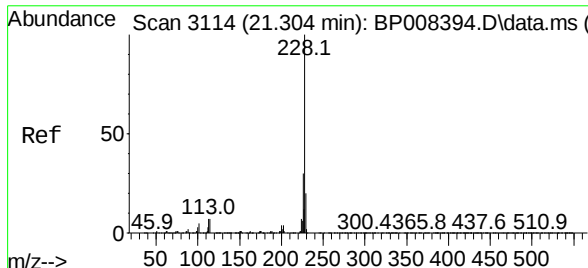
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



3,3'-Dichlorobenzidine
Concen: 29.956 ng
RT: 21.174 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:252 Resp: 459072
Ion Ratio Lower Upper
252 100
254 64.7 52.4 78.6
126 8.1 7.6 11.4





Scan 3114 (21.304 min): BP008394.D\data.ms (-3114) (-)
 Chrysene
 Concen: 41.730 ng
 RT: 21.292 min Scan# 3114
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

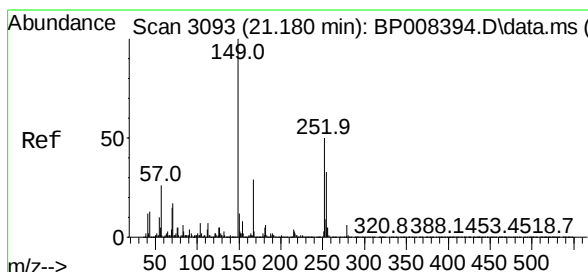
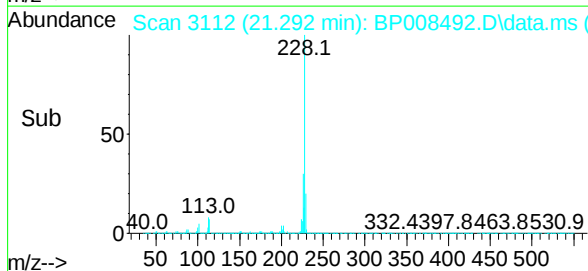
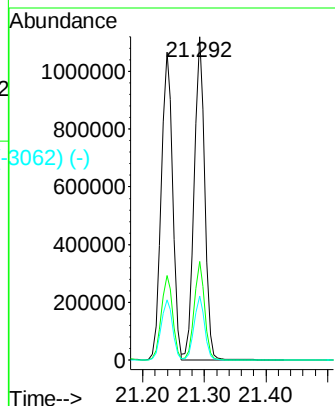
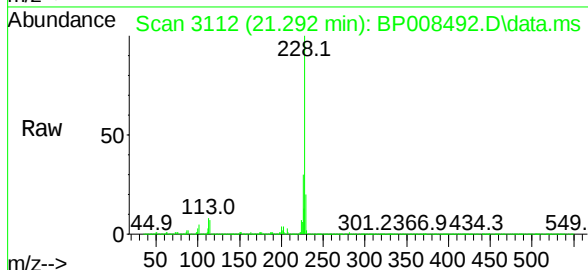
PB141358BS

Tgt Ion:228 Resp: 132762
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.0 36.0
 229 19.9 15.8 23.8

Manual Integrations

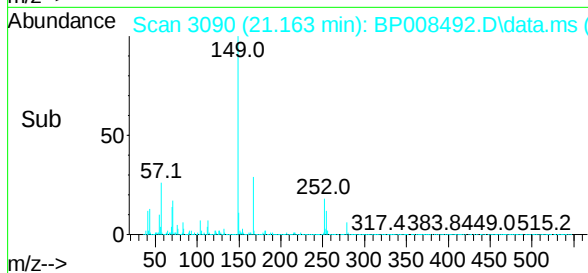
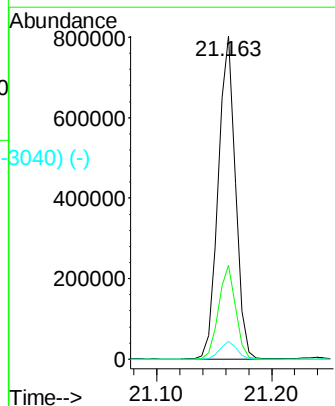
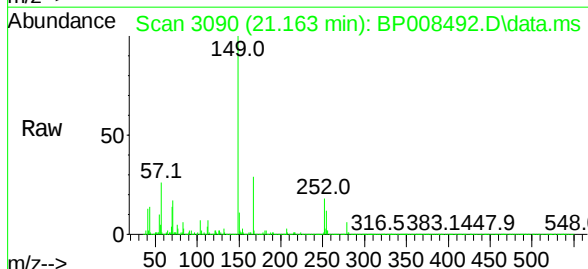
APPROVED

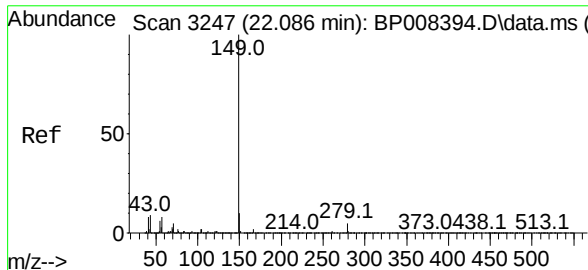
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 3093 (21.180 min): BP008394.D\data.ms (-3093) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 45.904 ng
 RT: 21.163 min Scan# 3090
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Tgt Ion:149 Resp: 836721
 Ion Ratio Lower Upper
 149 100
 167 29.0 22.5 33.7
 279 5.6 3.5 5.3#





Di-n-octyl phthalate
 Concen: 48.578 ng
 RT: 22.068 min Scan# 3247
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

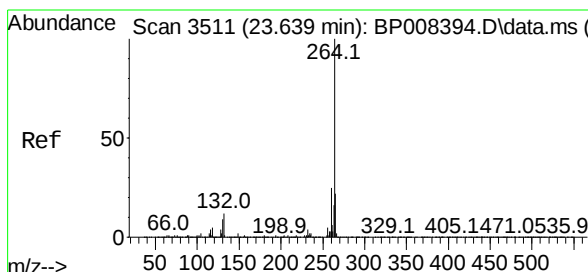
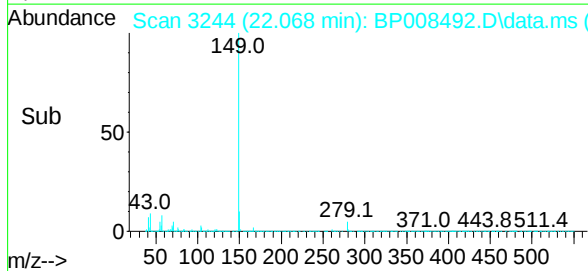
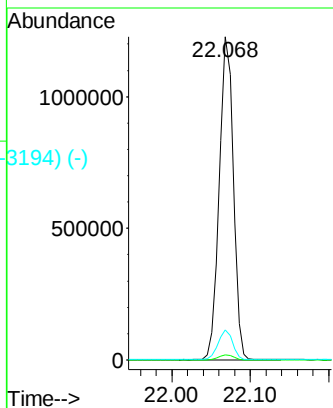
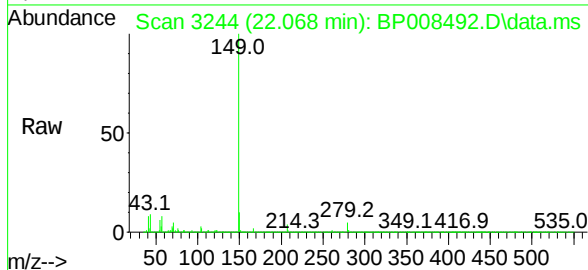
BP141358BS

Tgt Ion:149 Resp: 152715
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 9.4 7.9 11.9

Manual Integrations

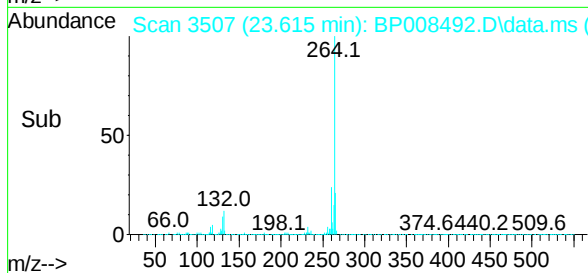
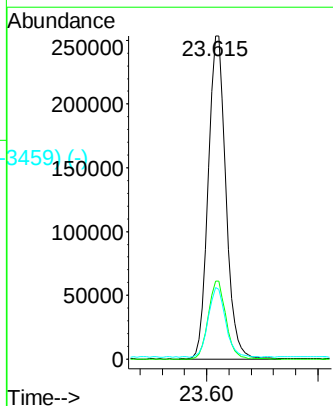
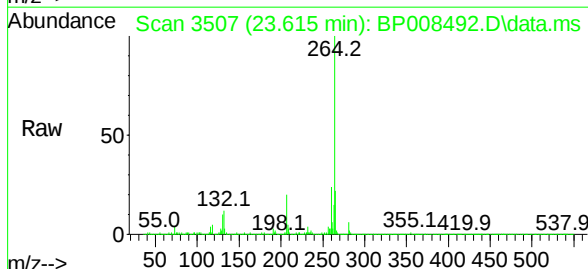
APPROVED

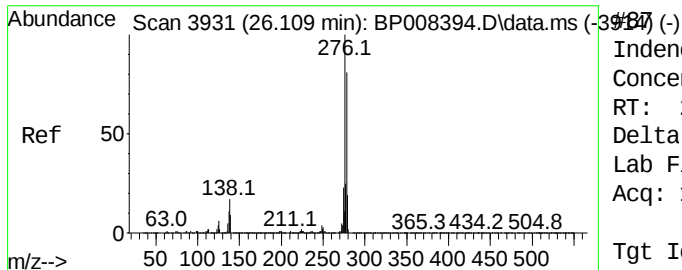
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Perylene-d12
 Concen: 20.000 ng
 RT: 23.615 min Scan# 3507
 Delta R.T. -0.018 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Tgt Ion:264 Resp: 554677
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 22.1 17.6 26.4





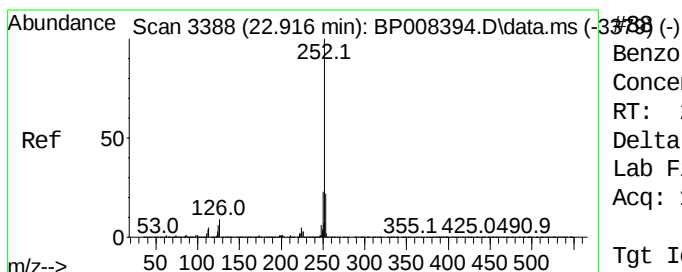
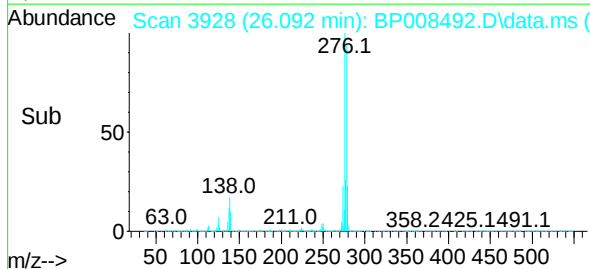
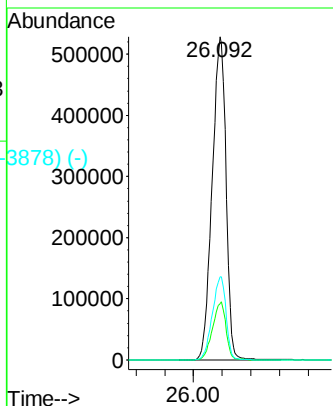
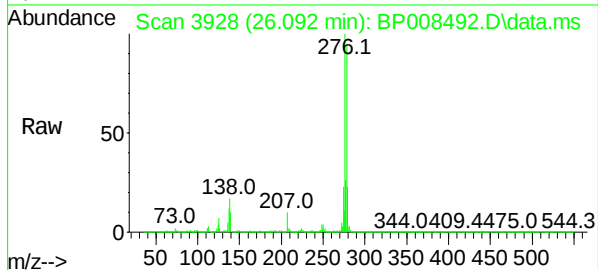
Indeno(1,2,3-cd)pyrene
Concen: 40.242 ng
RT: 26.092 min Scan# 3931
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :
BNA_P
ClientSampleId :
PB141358BS

Tgt Ion:276 Resp: 175702
Ion Ratio Lower Upper
276 100
138 17.4 16.6 25.0
277 25.6 20.2 30.2

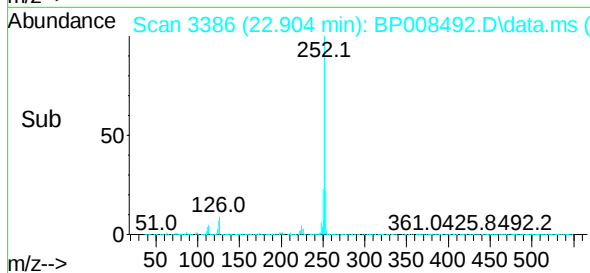
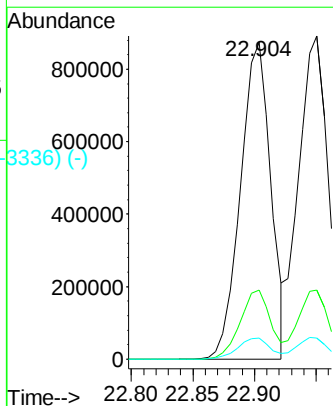
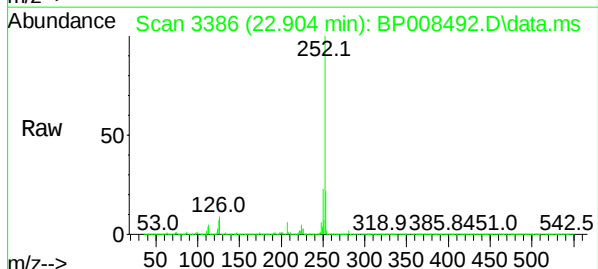
Manual Integrations
APPROVED

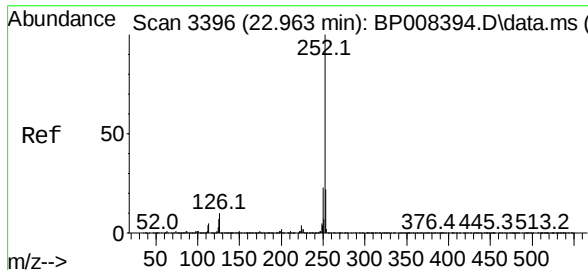
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Benzo(b)fluoranthene
Concen: 44.725 ng
RT: 22.904 min Scan# 3386
Delta R.T. -0.006 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:252 Resp: 1492314
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 6.7 6.2 9.4





Benzo(k)fluoranthene
 Concen: 44.333 ng
 RT: 22.951 min Scan# 3396
 Delta R.T. -0.006 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

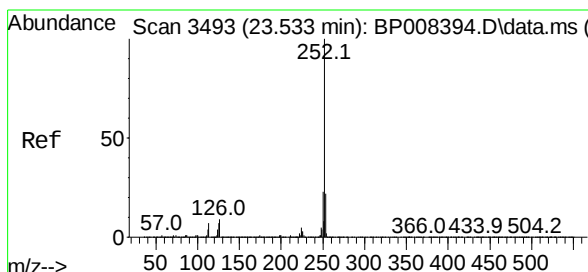
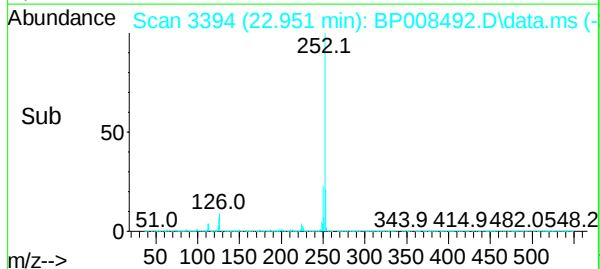
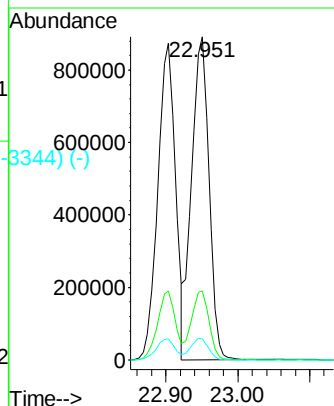
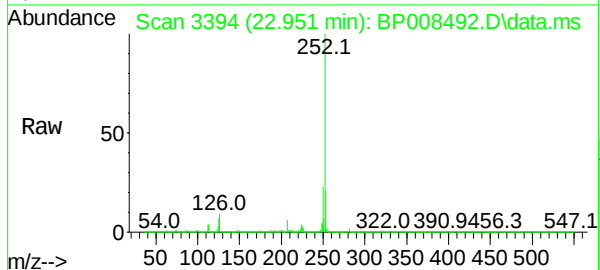
BP141358BS

Tgt Ion:252 Resp: 149172
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.3 25.9
 125 6.6 6.5 9.7

Manual Integrations

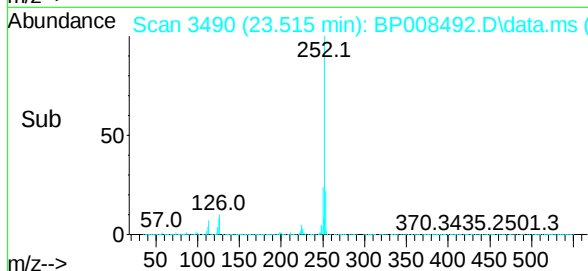
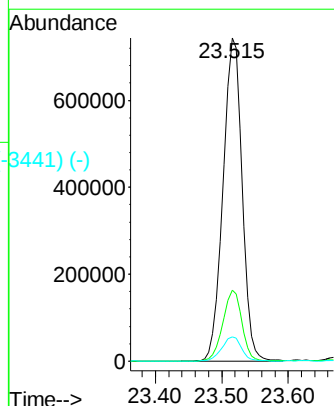
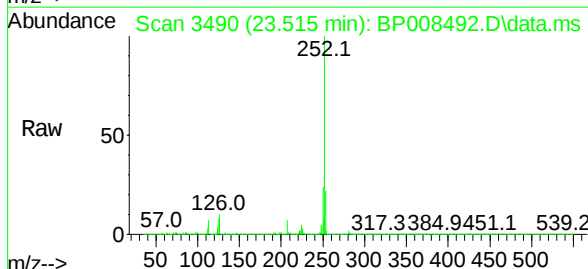
APPROVED

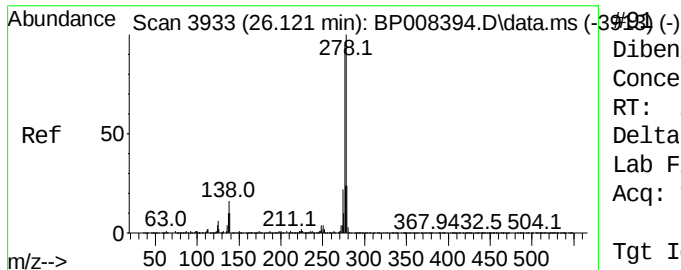
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Benzo(a)pyrene
 Concen: 50.641 ng
 RT: 23.515 min Scan# 3490
 Delta R.T. -0.012 min
 Lab File: BP008492.D
 Acq: 18 Dec 2021 16:53

Tgt Ion:252 Resp: 1466566
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 7.6 7.4 11.0





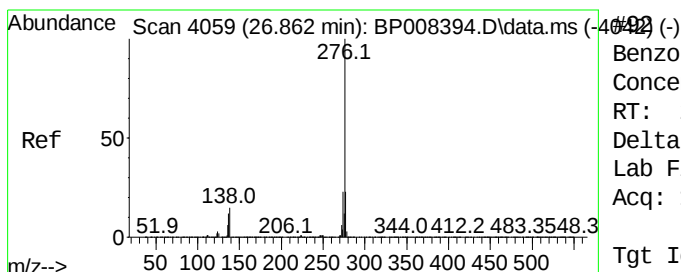
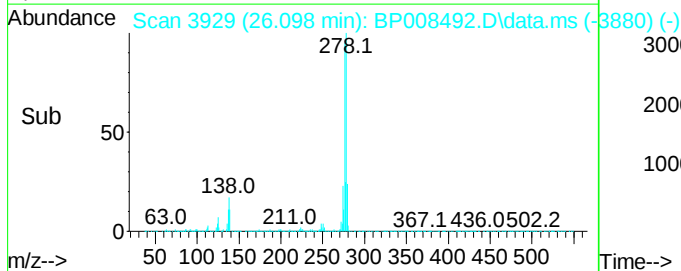
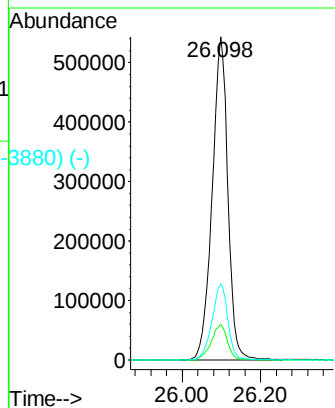
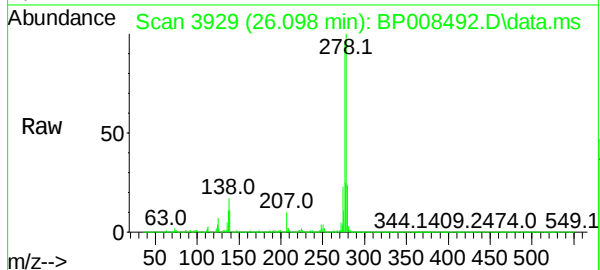
Dibenzo(a,h)anthracene
Concen: 41.169 ng
RT: 26.098 min Scan# 3933
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Instrument :
BNA_P
ClientSampleId :
PB141358BS

Tgt Ion:278 Resp: 150474
Ion Ratio Lower Upper
278 100
139 11.0 10.8 16.2
279 23.6 19.1 28.7

Manual Integrations
APPROVED

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



Benzo(g,h,i)perylene
Concen: 39.616 ng
RT: 26.845 min Scan# 4056
Delta R.T. -0.012 min
Lab File: BP008492.D
Acq: 18 Dec 2021 16:53

Tgt Ion:276 Resp: 1433842
Ion Ratio Lower Upper
276 100
277 23.9 20.0 30.0
138 15.1 14.1 21.1

