

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
 Data File : BP009346.D
 Acq On : 10 Mar 2022 16:09
 Operator : CG/JU
 Sample : N1864-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MB-B2-030922-2-4MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/11/2022
 Supervised By : Jagrut Upadhyay 03/11/2022

Quant Time: Mar 11 05:01:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	377293	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1327541	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	722964	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1379252	20.000	ng	0.00
76) Chrysene-d12	21.322	240	1512407	20.000	ng	0.00
86) Perylene-d12	23.727	264	1928601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	2248557	86.993	ng	0.00
7) Phenol-d6	6.993	99	2723531	82.916	ng	0.00
23) Nitrobenzene-d5	8.969	82	1693272	70.253	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	954173	109.300	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	3571807	67.942	ng	0.00
79) Terphenyl-d14	19.786	244	4800789	59.903	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	424588	38.590	ng	98
3) Pyridine	3.740	79	1075369	45.858	ng	99
4) n-Nitrosodimethylamine	3.652	42	453475	46.368	ng	98
6) Aniline	7.146	93	888798	21.362	ng	98
8) 2-Chlorophenol	7.387	128	1174052	44.343	ng	97
9) Benzaldehyde	6.958	77	711633m	34.004	ng	
10) Phenol	7.016	94	1402913	41.246	ng	98
11) bis(2-Chloroethyl)ether	7.246	93	1126957	42.813	ng	96
12) 1,3-Dichlorobenzene	7.711	146	1368402	43.868	ng	99
13) 1,4-Dichlorobenzene	7.852	146	1382515	43.682	ng	99
14) 1,2-Dichlorobenzene	8.169	146	1301270	43.019	ng	99
15) Benzyl Alcohol	8.058	79	984004	42.479	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.352	45	1235577	36.162	ng	97
17) 2-Methylphenol	8.263	107	909198	41.294	ng	99
18) Hexachloroethane	8.899	117	487462	44.253	ng	95
19) n-Nitroso-di-n-propyla...	8.628	70	801070	40.437	ng	97
20) 3+4-Methylphenols	8.593	107	1207669	40.928	ng	99
22) Acetophenone	8.640	105	1606923	45.282	ng	# 98
24) Nitrobenzene	9.010	77	1216739	47.633	ng	100
25) Isophorone	9.546	82	2143218	47.538	ng	99
26) 2-Nitrophenol	9.722	139	598954	60.529	ng	97
27) 2,4-Dimethylphenol	9.793	122	961672	44.186	ng	100
28) bis(2-Chloroethoxy)met...	10.028	93	1328722	45.036	ng	100
29) 2,4-Dichlorophenol	10.263	162	989853	47.156	ng	100
30) 1,2,4-Trichlorobenzene	10.475	180	1160504	47.235	ng	99
31) Naphthalene	10.663	128	3297876	44.858	ng	100
32) Benzoic acid	9.934	122	681744	61.676	ng	96
33) 4-Chloroaniline	10.769	127	333969	11.110	ng	97
34) Hexachlorobutadiene	10.957	225	755956	50.526	ng	99
35) Caprolactam	11.557	113	291648	47.202	ng	96
36) 4-Chloro-3-methylphenol	11.904	107	966854	44.124	ng	99
37) 2-Methylnaphthalene	12.275	142	2186618	41.862	ng	99
38) 1-Methylnaphthalene	12.493	142	2075437	43.143	ng	99
40) 1,2,4,5-Tetrachloroben...	12.646	216	1203175	49.385	ng	99
41) Hexachlorocyclopentadiene	12.634	237	1515564	98.216	ng	99
43) 2,4,6-Trichlorophenol	12.887	196	765611	52.336	ng	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	802054	49.985	ng	98
46) 1,1'-Biphenyl	13.293	154	2712234	45.950	ng	99
47) 2-Chloronaphthalene	13.328	162	2131011	47.664	ng	99
48) 2-Nitroaniline	13.528	65	567008	55.157	ng	96
49) Acenaphthylene	14.175	152	3410870	49.375	ng	100
50) Dimethylphthalate	13.916	163	2460245	46.138	ng	100
51) 2,6-Dinitrotoluene	14.028	165	538410	51.130	ng	99
52) Acenaphthene	14.522	154	2275720m	51.401	ng	
53) 3-Nitroaniline	14.351	138	283493	25.345	ng	99
54) 2,4-Dinitrophenol	14.563	184	616233	136.671	ng	97
55) Dibenzofuran	14.857	168	3031195	45.197	ng	100
56) 4-Nitrophenol	14.669	139	979504	105.298	ng	98
57) 2,4-Dinitrotoluene	14.816	165	721790	53.534	ng	98
58) Fluorene	15.510	166	2365639	45.042	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	679752	50.312	ng	95
60) Diethylphthalate	15.287	149	2357765	45.415	ng	100
61) 4-Chlorophenyl-phenyle...	15.504	204	1244305	46.513	ng	97
62) 4-Nitroaniline	15.522	138	536865	49.495	ng	99
63) Azobenzene	15.798	77	2234361	43.807	ng	98
65) 4,6-Dinitro-2-methylph...	15.587	198	390689	64.399	ng	96
66) n-Nitrosodiphenylamine	15.722	169	2052454	47.406	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	775726	52.130	ng	95
68) Hexachlorobenzene	16.522	284	877992	50.304	ng	97
69) Atrazine	16.681	200	733716	48.142	ng	99
70) Pentachlorophenol	16.863	266	1129000	107.473	ng	99
71) Phenanthrene	17.257	178	3654976	46.110	ng	100
72) Anthracene	17.351	178	3689708	46.765	ng	100
73) Carbazole	17.622	167	3346978	46.556	ng	100
74) Di-n-butylphthalate	18.186	149	3895262	48.954	ng	100
75) Fluoranthene	19.233	202	4267888	46.648	ng	99
77) Benzidine	19.416	184	1530175	28.987	ng	100
78) Pyrene	19.586	202	4437722	43.459	ng	100
80) Butylbenzylphthalate	20.475	149	1793397	48.657	ng	96
81) Benzo(a)anthracene	21.310	228	4850120	47.314	ng	100
82) 3,3'-Dichlorobenzidine	21.239	252	1433095	38.084	ng	98
83) Chrysene	21.363	228	4535656	45.572	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	2588844	43.917	ng	99
85) Di-n-octyl phthalate	22.174	149	4775348	49.480	ng	98
87) Indeno(1,2,3-cd)pyrene	26.239	276	7130331	47.585	ng	97
88) Benzo(b)fluoranthene	22.998	252	5788999	44.457	ng	98
89) Benzo(k)fluoranthene	23.045	252	5563715	44.724	ng	99
90) Benzo(a)pyrene	23.627	252	5792885	46.905	ng	98
91) Dibenzo(a,h)anthracene	26.257	278	6232229	49.050	ng	98
92) Benzo(g,h,i)perylene	27.010	276	6199750	49.392	ng	96

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

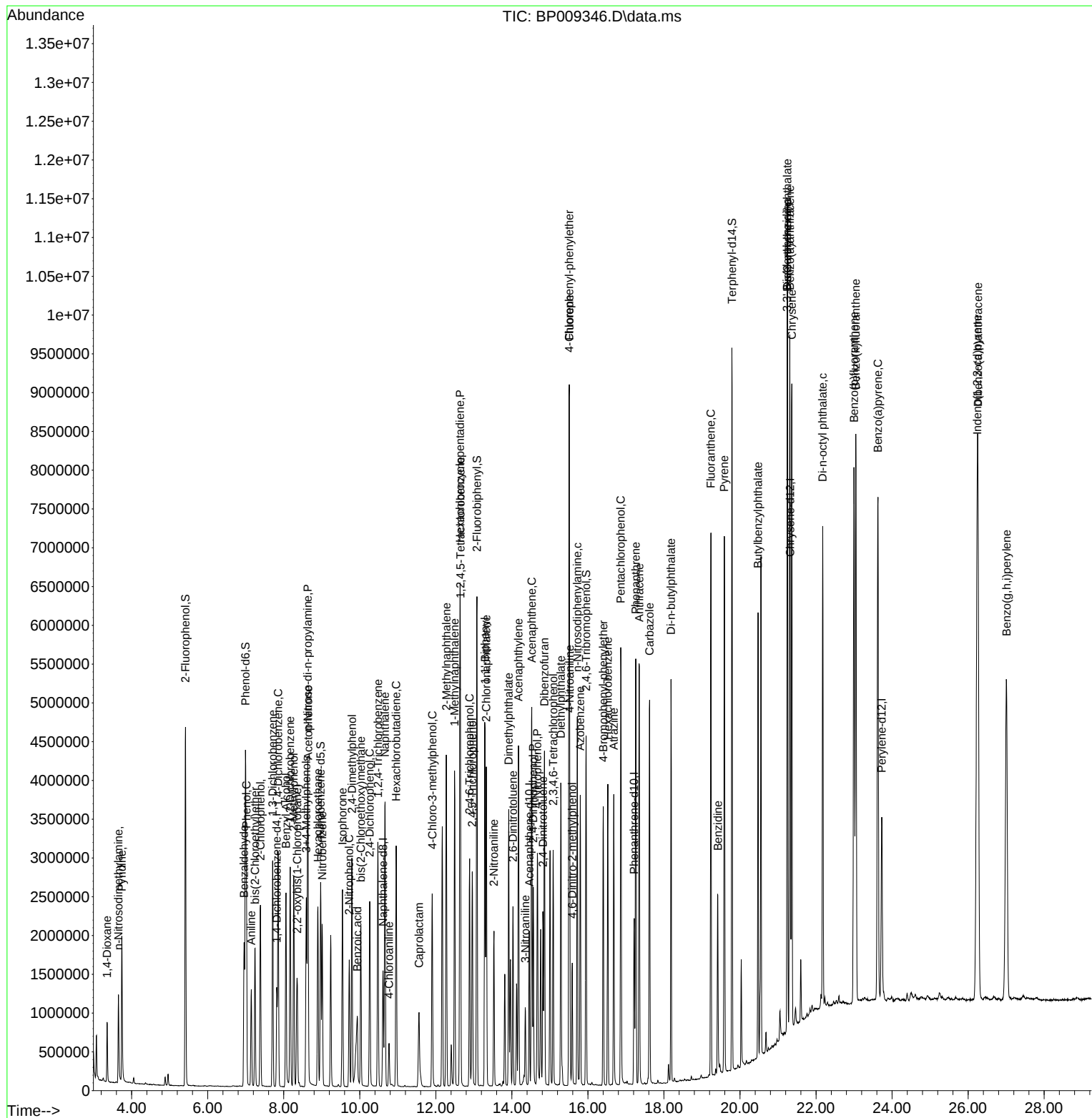
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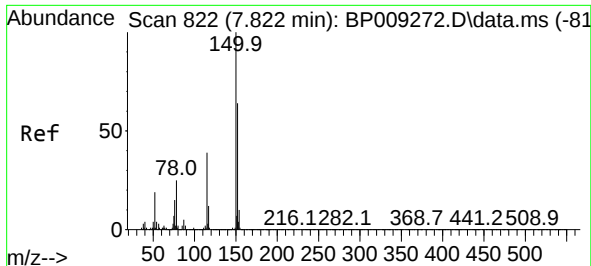
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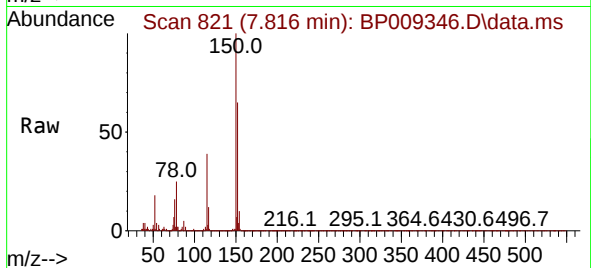
Reviewed By : Christian Giraldo 03/11/2022
 Supervised By : Jagrut Upadhyay 03/11/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

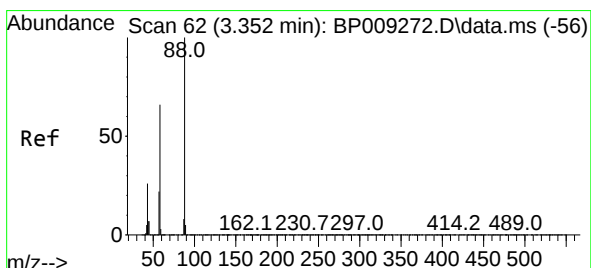
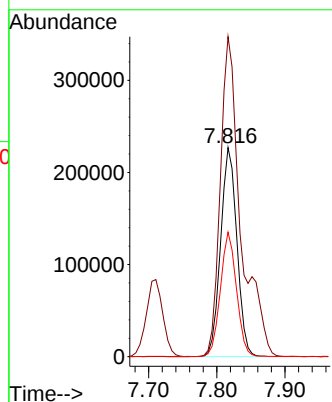
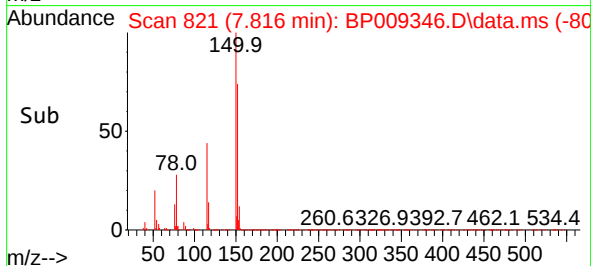
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion: 152 Resp: 37729
Ion Ratio Lower Upper
152 100
150 153.1 124.5 186.7
115 59.5 48.2 72.4

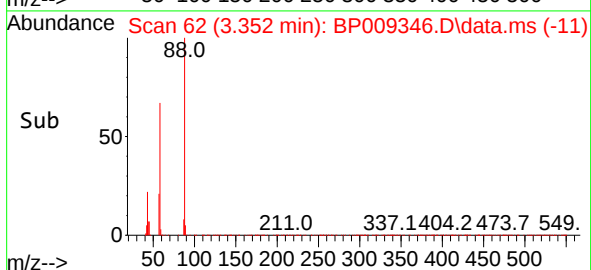
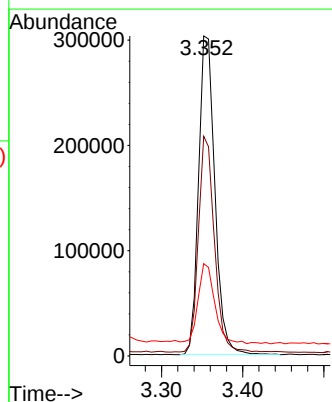
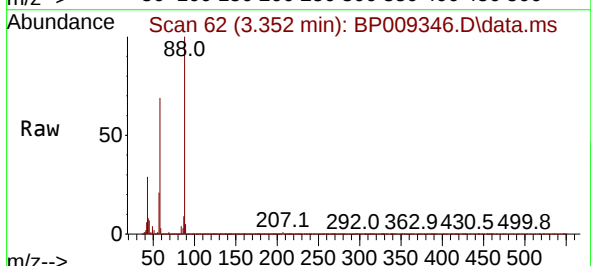
Manual Integrations
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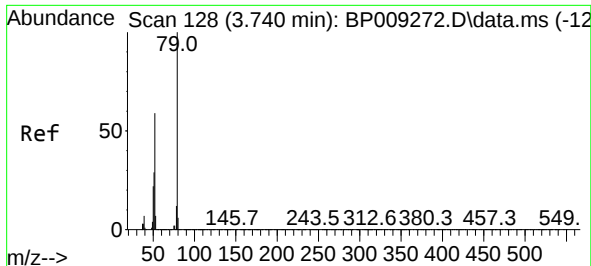
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#2
1,4-Dioxane
Concen: 38.590 ng
RT: 3.352 min Scan# 62
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

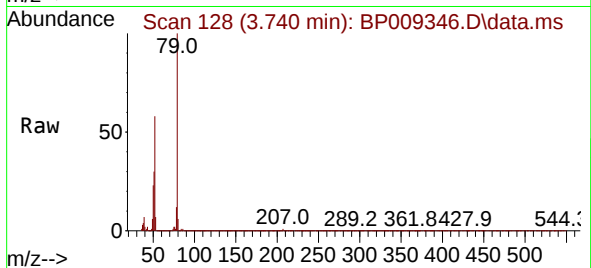
Tgt Ion: 88 Resp: 424588
Ion Ratio Lower Upper
88 100
58 66.2 54.2 81.2
43 24.5 20.4 30.6





#3
Pyridine
Concen: 45.858 ng
RT: 3.740 min Scan# 112
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

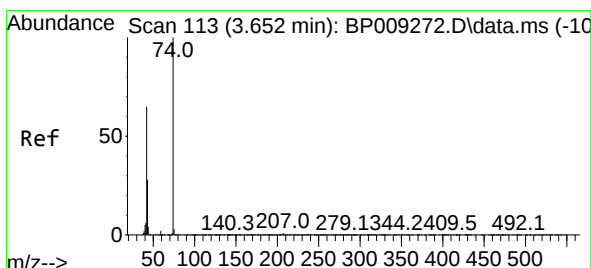
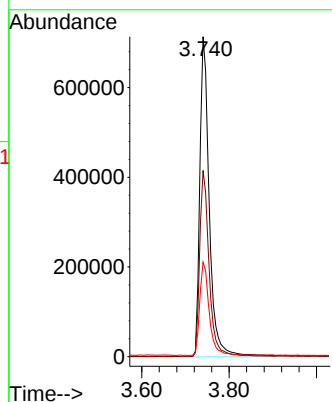
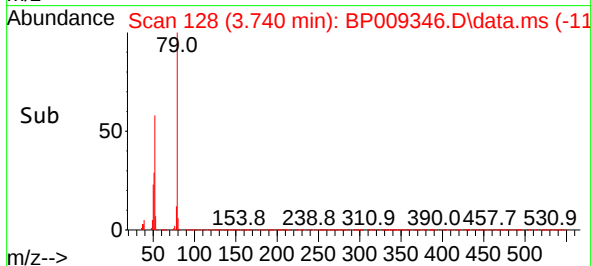
Instrument :
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MB-B2-030922-2-4MSD



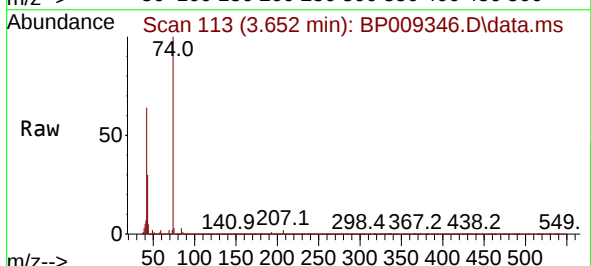
Tgt Ion: 79 Resp: 1075369
Ion Ratio Lower Upper
79 100
52 58.2 47.5 71.3
51 29.5 24.1 36.1

Manual Integrations
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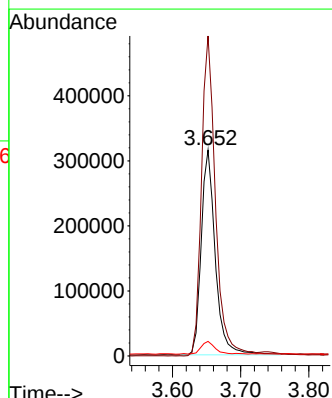
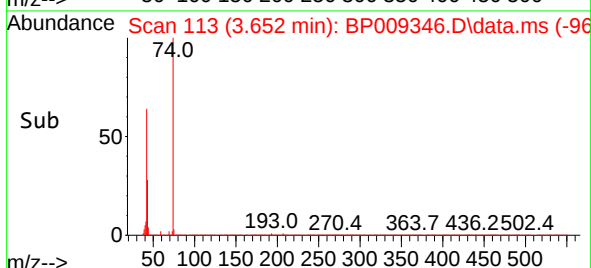
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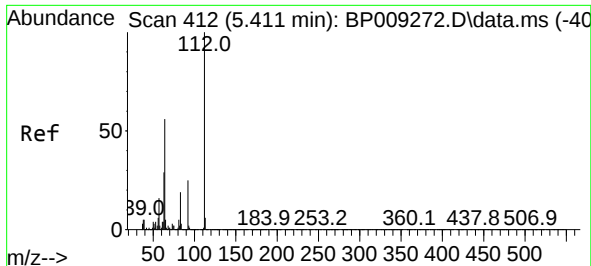


#4
n-Nitrosodimethylamine
Concen: 46.368 ng
RT: 3.652 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09



Tgt Ion: 42 Resp: 453475
Ion Ratio Lower Upper
42 100
74 155.4 122.1 183.1
44 7.1 5.8 8.8





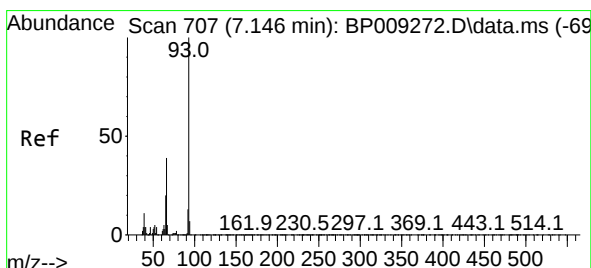
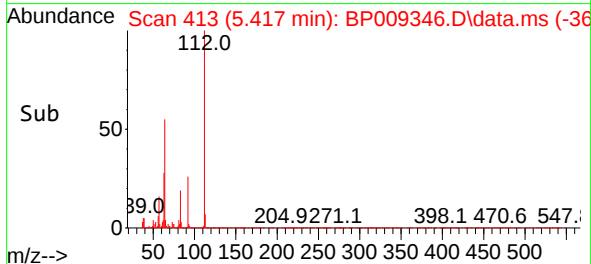
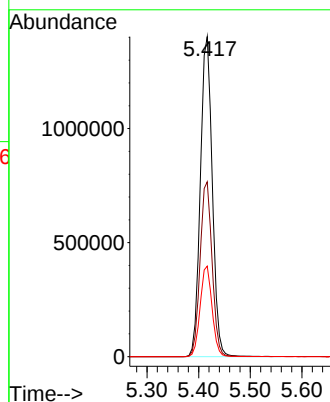
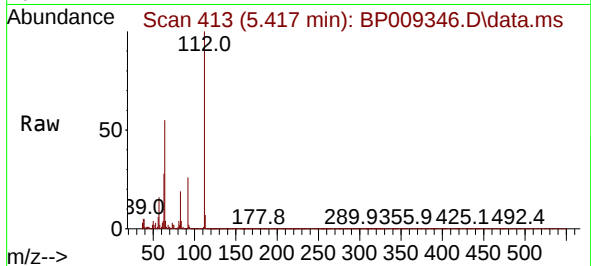
#5
2-Fluorophenol
Concen: 86.993 ng
RT: 5.417 min Scan# 412
Delta R.T. 0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD

Tgt Ion:112 Resp: 224855
Ion Ratio Lower Upper
112 100
64 54.7 45.0 67.4
63 28.3 23.0 34.6

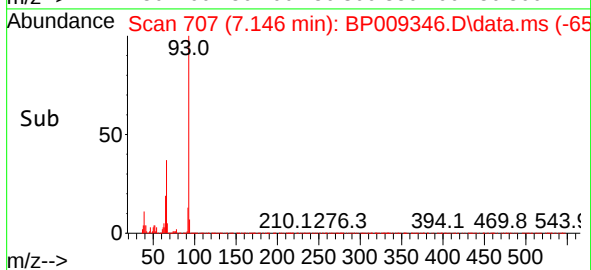
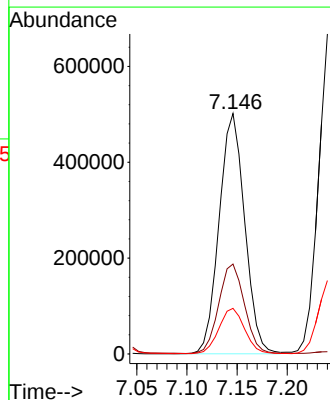
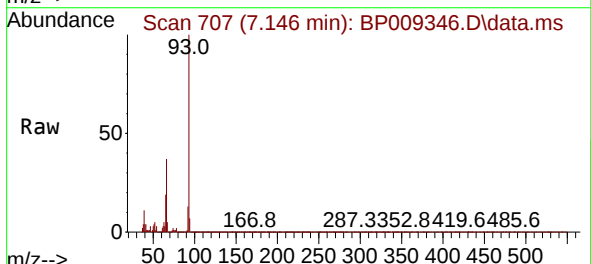
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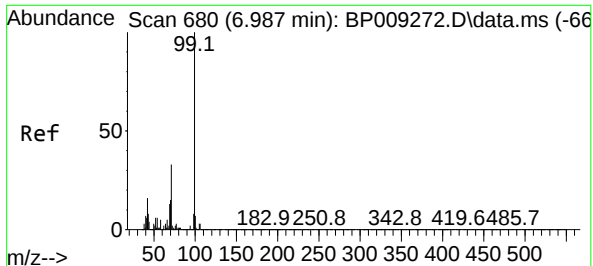
Reviewed By :Christian Giraldo 03/11/2022
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#6
Aniline
Concen: 21.362 ng
RT: 7.146 min Scan# 707
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

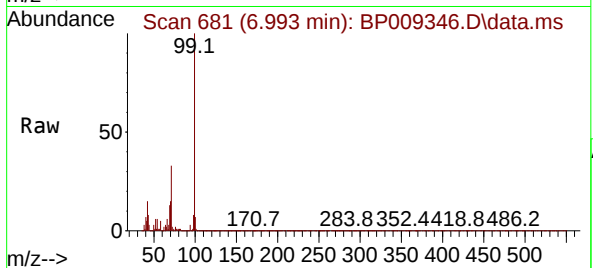
Tgt Ion: 93 Resp: 888798
Ion Ratio Lower Upper
93 100
66 37.4 30.9 46.3
65 18.9 15.8 23.8





#7
Phenol-d6
Concen: 82.916 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

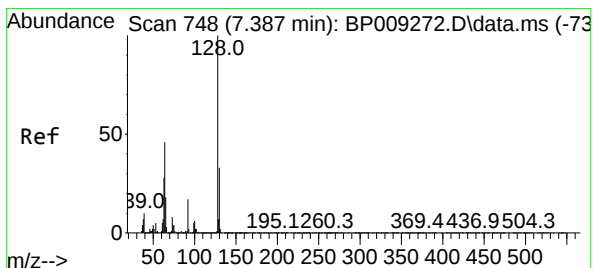
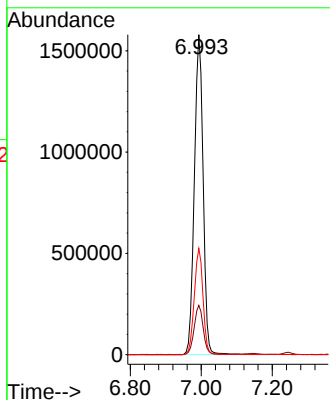
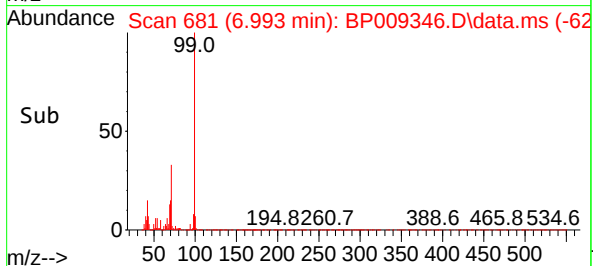
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Tgt Ion: 99 Resp: 272353
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.2 26.3 39.5

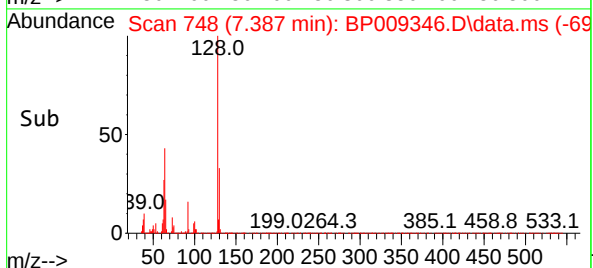
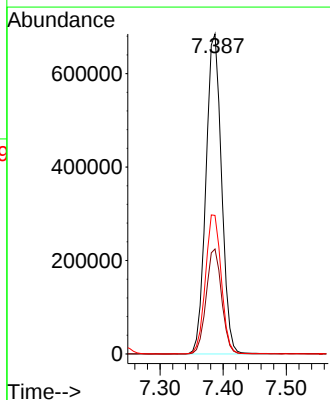
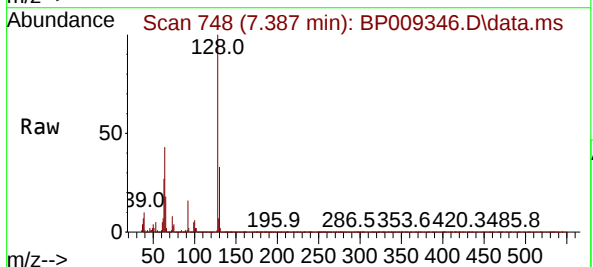
Manual Integrations
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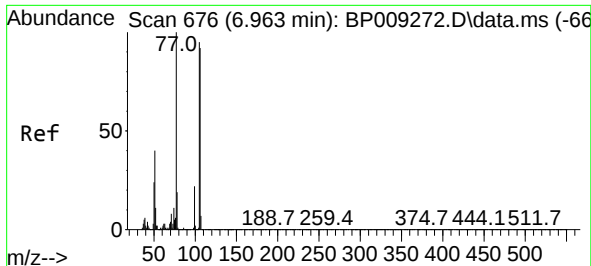
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#8
2-Chlorophenol
Concen: 44.343 ng
RT: 7.387 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

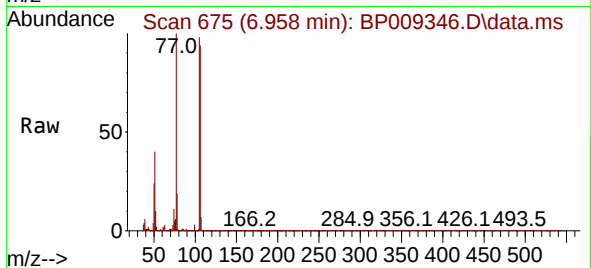
Tgt Ion:128 Resp: 1174052
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 43.3 26.2 66.2





#9
Benzaldehyde
Concen: 34.004 ng m
RT: 6.958 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

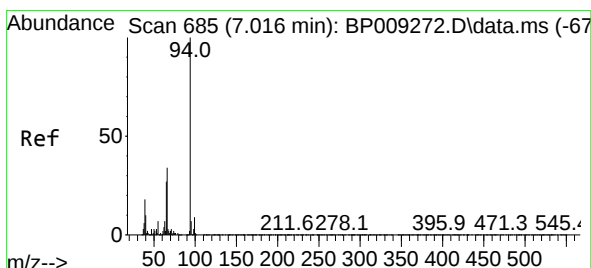
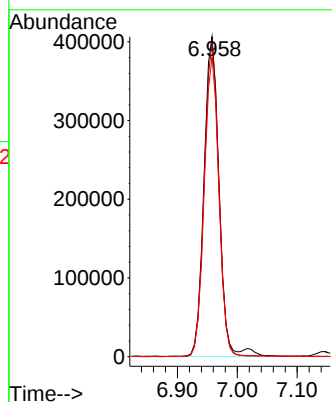
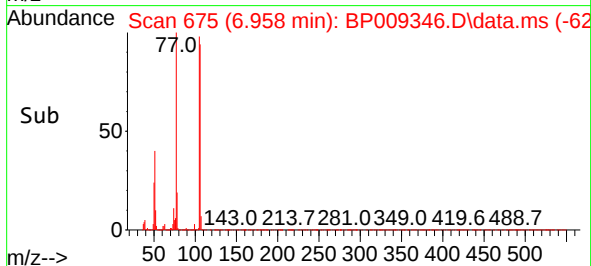
Instrument :
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Tgt Ion: 77 Resp: 71163
Ion Ratio Lower Upper
77 100
105 98.1 75.2 115.2
106 93.6 72.3 112.3

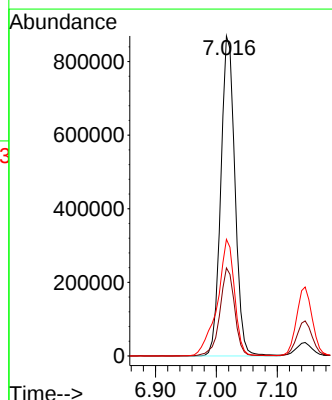
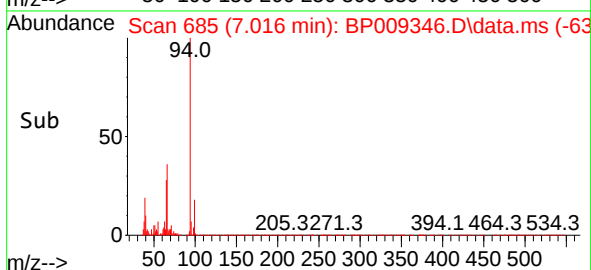
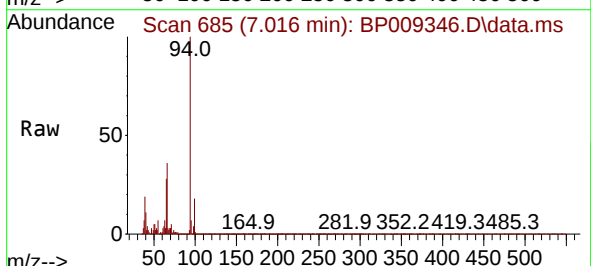
Manual Integrations
APPROVED

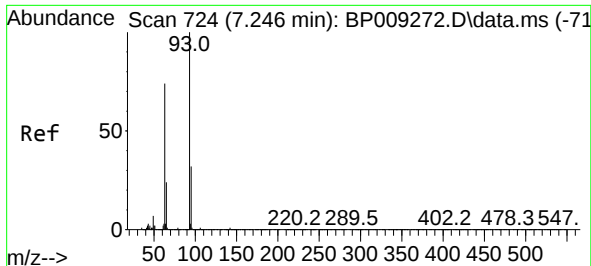
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#10
Phenol
Concen: 41.246 ng
RT: 7.016 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

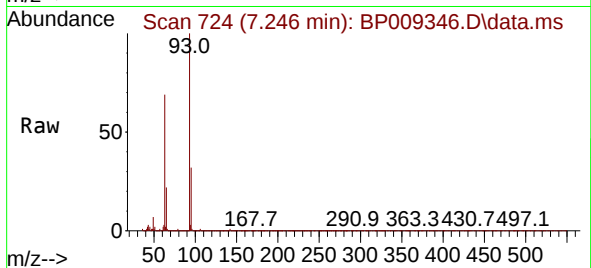
Tgt Ion: 94 Resp: 1402913
Ion Ratio Lower Upper
94 100
65 27.5 7.2 47.2
66 36.5 14.3 54.3





#11
bis(2-Chloroethyl)ether
Concen: 42.813 ng
RT: 7.246 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

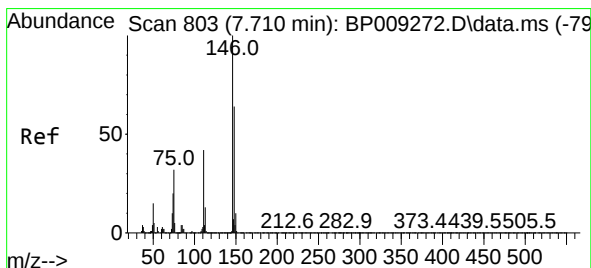
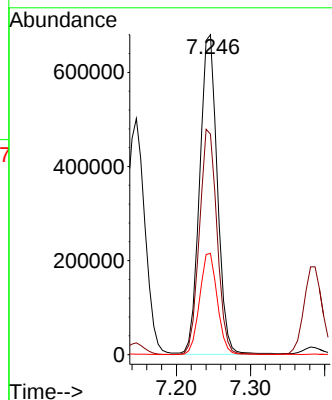
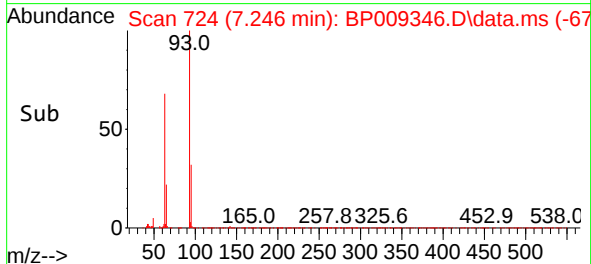
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



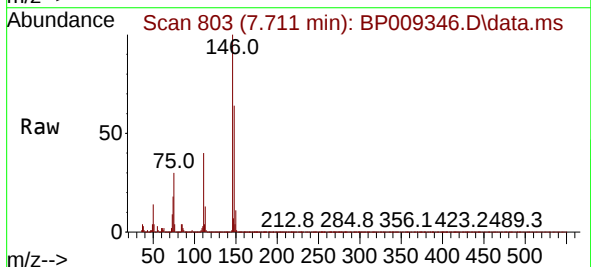
Tgt Ion: 93 Resp: 112695
Ion Ratio Lower Upper
93 100
63 69.0 53.5 93.5
95 31.7 12.0 52.0

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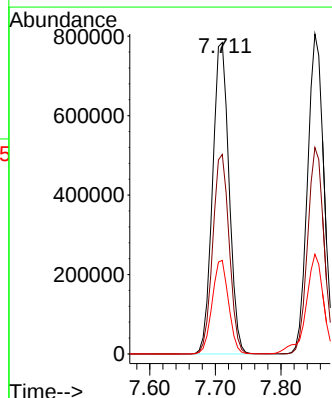
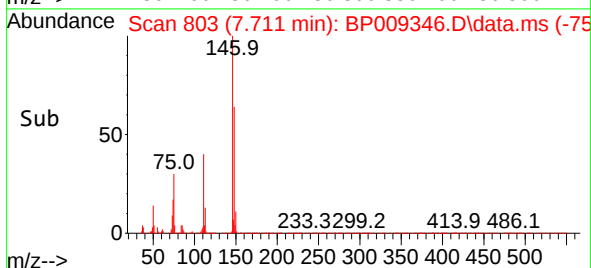
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

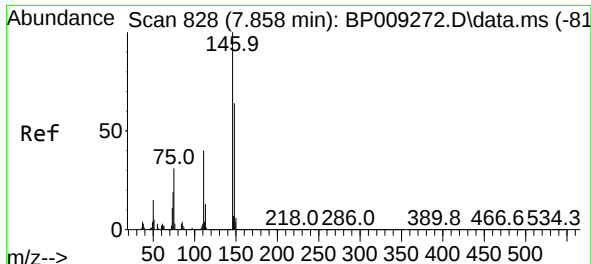


#12
1,3-Dichlorobenzene
Concen: 43.868 ng
RT: 7.711 min Scan# 803
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09



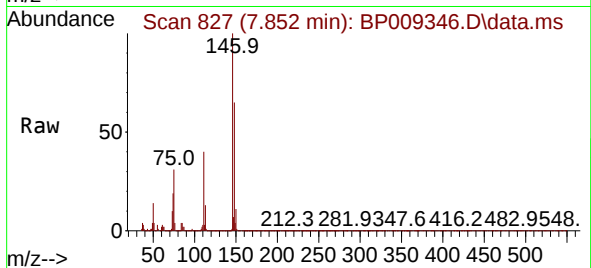
Tgt Ion:146 Resp: 1368402
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
75 30.0 25.3 37.9





#13
1,4-Dichlorobenzene
Concen: 43.682 ng
RT: 7.852 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

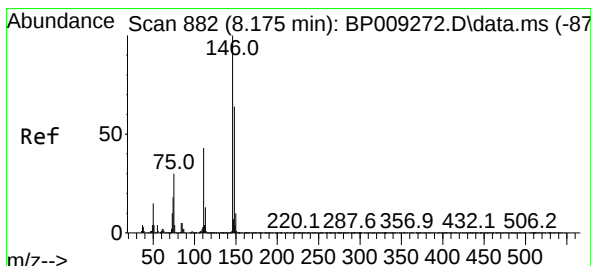
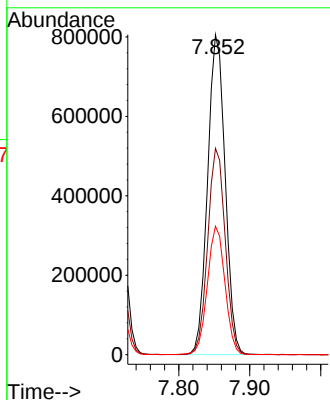
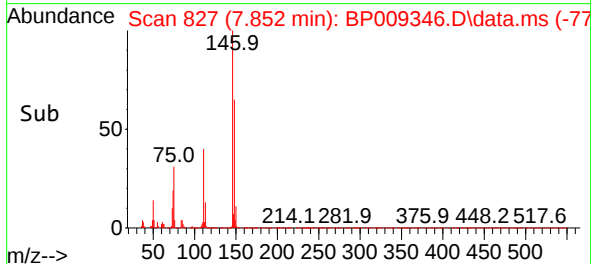
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



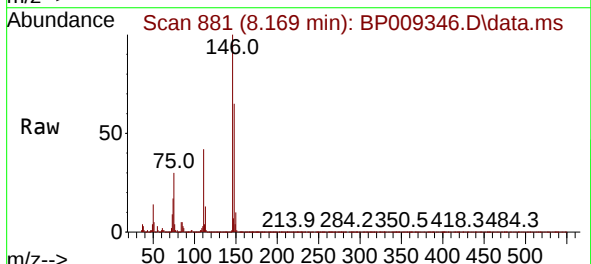
Tgt Ion:146 Resp: 138251
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 40.2 32.1 48.1

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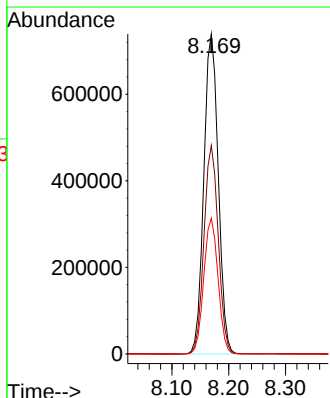
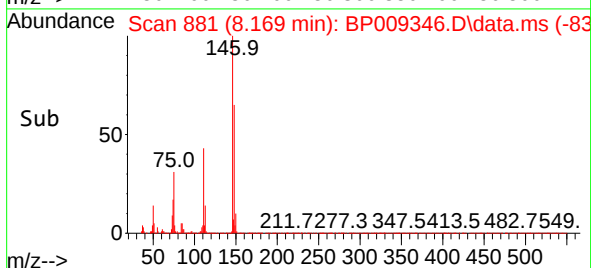
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

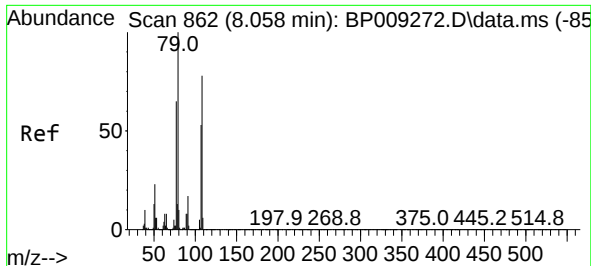


#14
1,2-Dichlorobenzene
Concen: 43.019 ng
RT: 8.169 min Scan# 881
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09



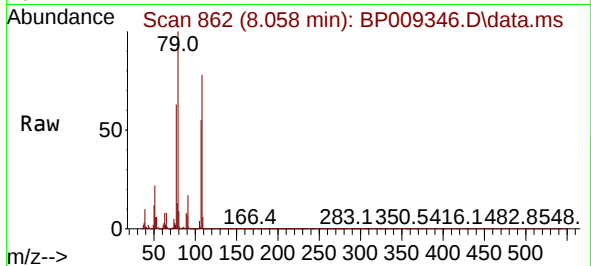
Tgt Ion:146 Resp: 1301270
Ion Ratio Lower Upper
146 100
148 65.1 50.9 76.3
111 42.4 34.1 51.1





#15
Benzyl Alcohol
Concen: 42.479 ng
RT: 8.058 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

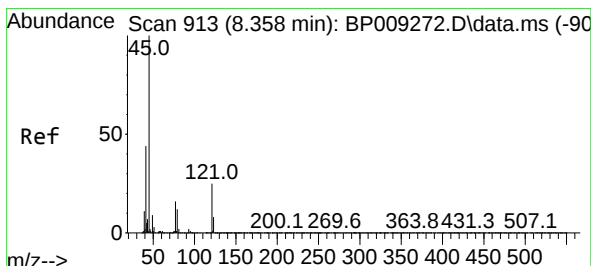
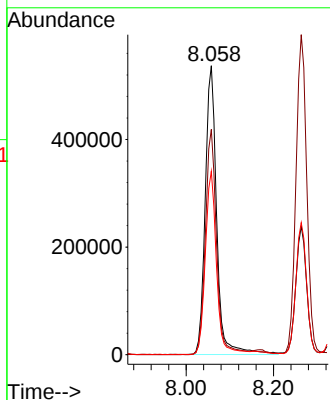
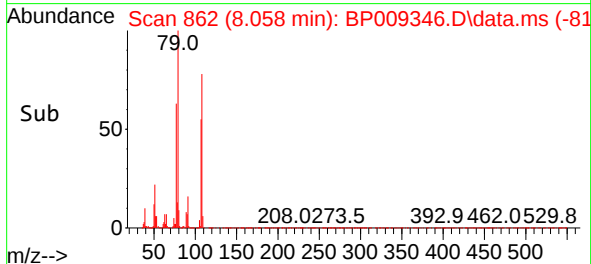
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



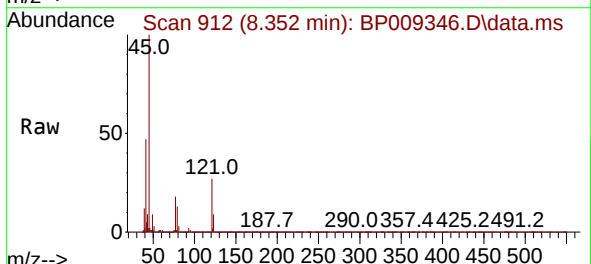
Tgt Ion: 79 Resp: 984004
Ion Ratio Lower Upper
79 100
108 77.9 62.5 93.7
77 63.5 51.7 77.5

Manual Integrations
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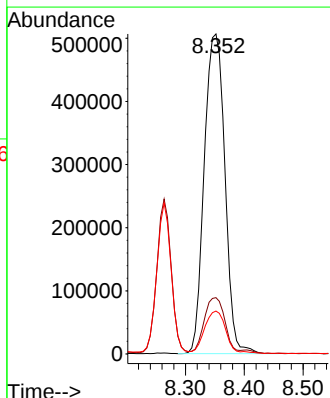
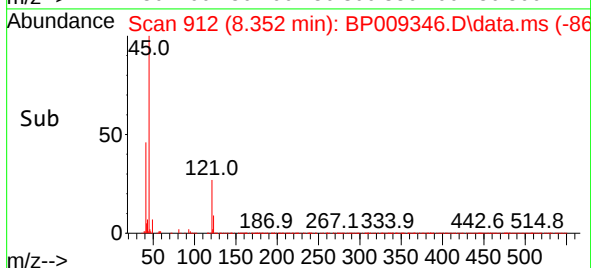
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

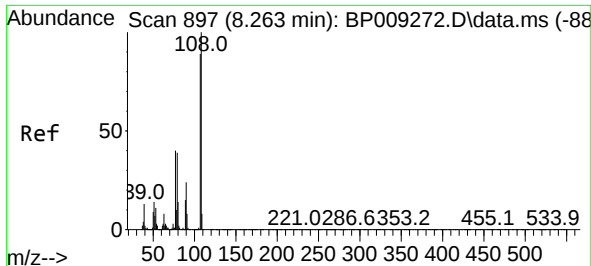


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.162 ng
RT: 8.352 min Scan# 912
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09



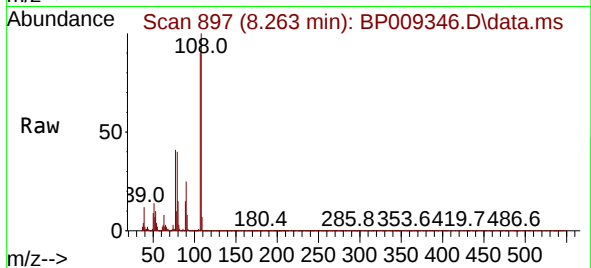
Tgt Ion: 45 Resp: 1235577
Ion Ratio Lower Upper
45 100
77 17.6 0.0 36.5
79 13.4 0.0 32.4





#17
2-Methylphenol
Concen: 41.294 ng
RT: 8.263 min Scan# 897
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

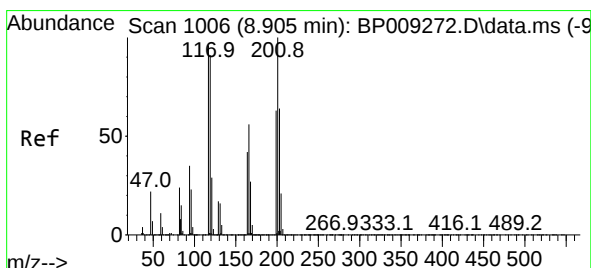
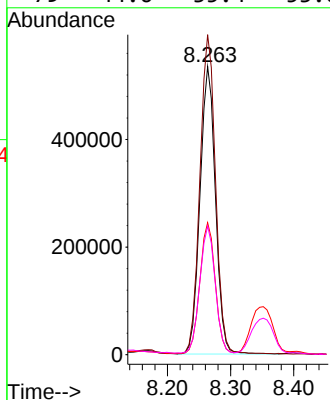
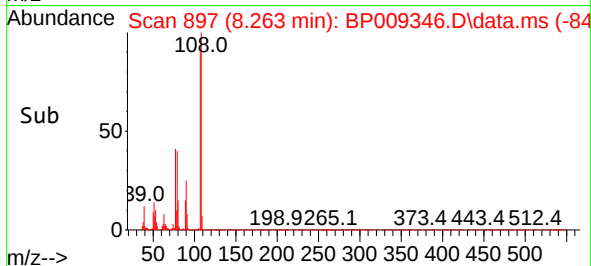
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.2	135.2
77	45.8	36.3	54.5
79	44.6	35.4	53.0

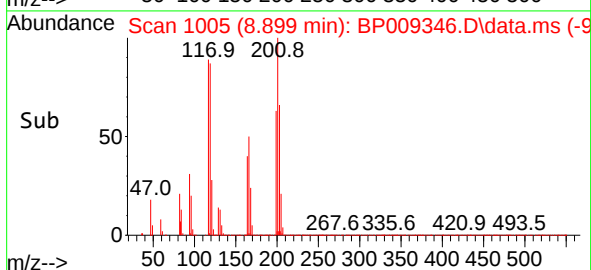
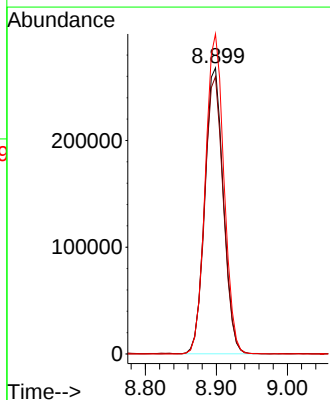
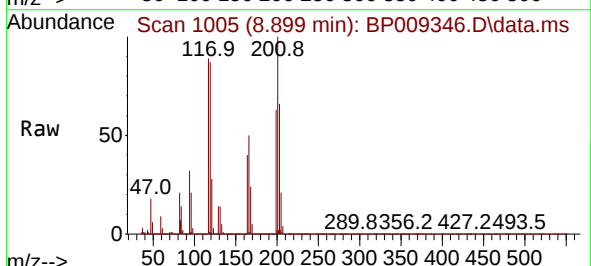
Manual Integrations
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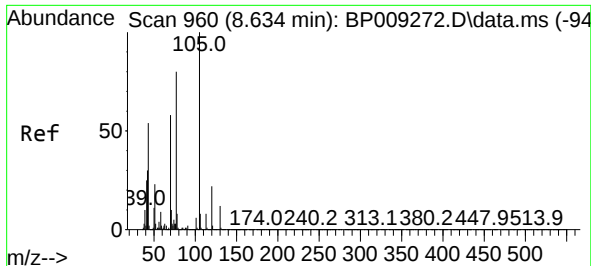
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#18
Hexachloroethane
Concen: 44.253 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

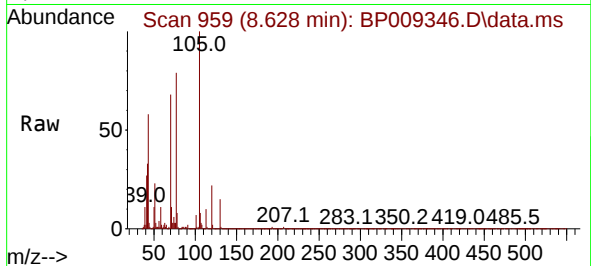
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.4	114.6
201	111.9	83.4	125.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.437 ng
RT: 8.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

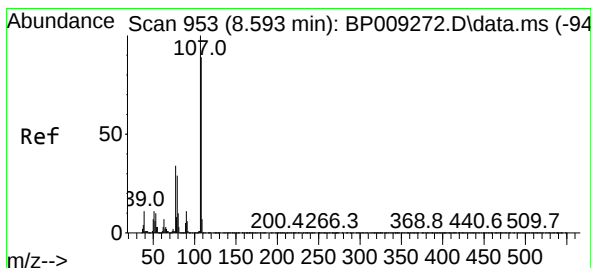
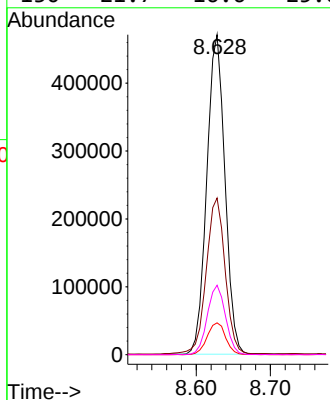
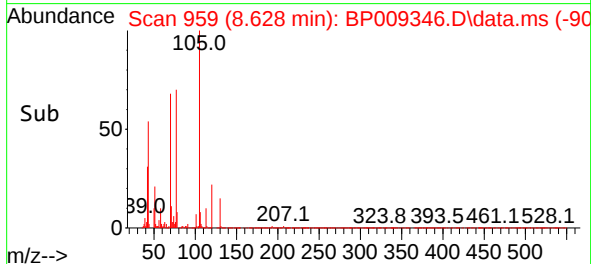
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion: 70 Resp: 801070
Ion Ratio Lower Upper
70 100
42 48.9 41.0 61.4
101 10.0 7.9 11.9
130 21.7 16.6 25.0

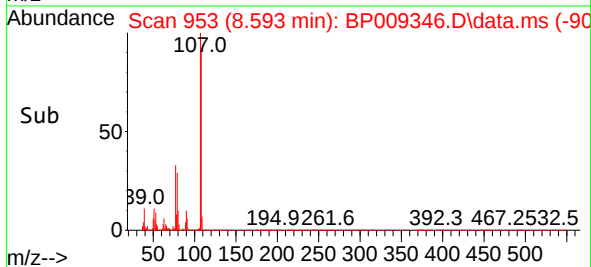
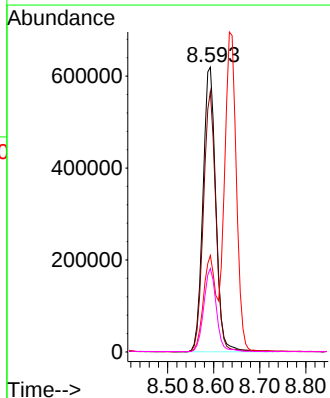
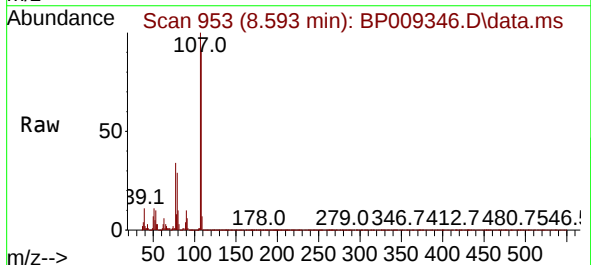
Manual Integrations
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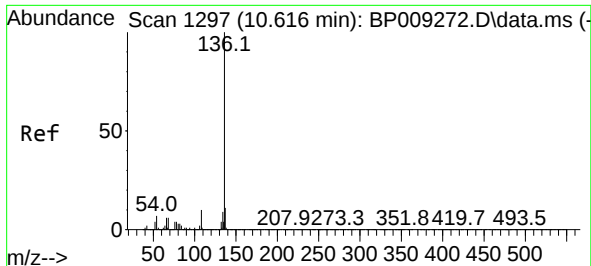
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#20
3+4-Methylphenols
Concen: 40.928 ng
RT: 8.593 min Scan# 953
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

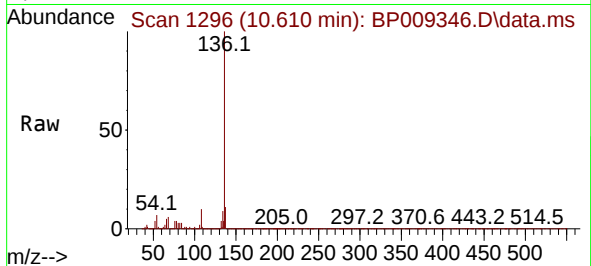
Tgt Ion:107 Resp: 1207669
Ion Ratio Lower Upper
107 100
108 91.4 69.4 109.4
77 33.9 13.6 53.6
79 29.3 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

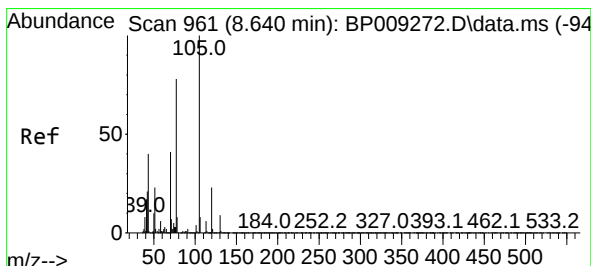
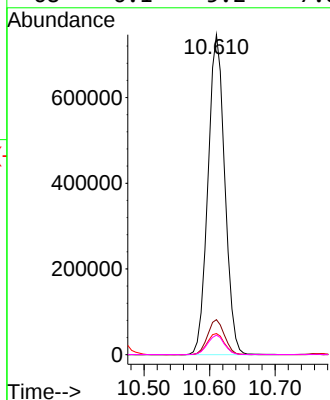
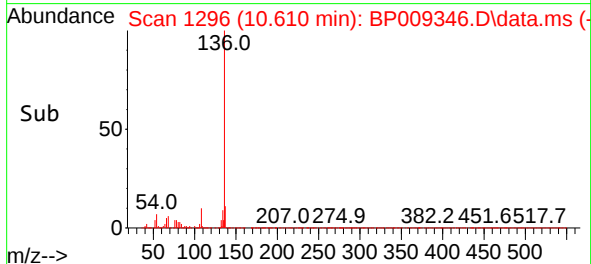
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion:136 Resp: 132754
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.6 5.8 8.8
68 6.1 5.2 7.8

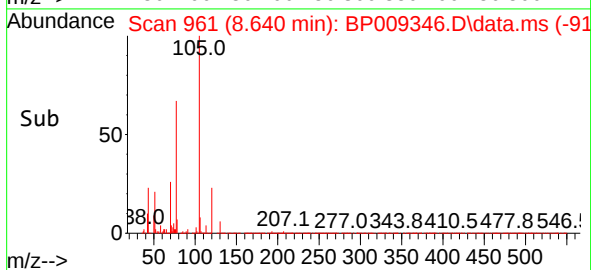
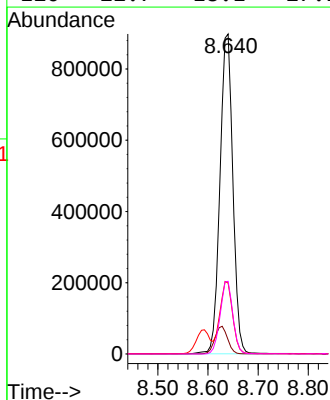
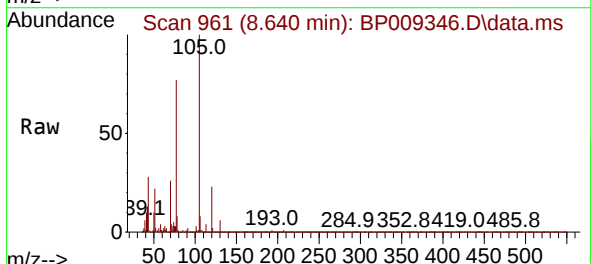
Manual Integrations
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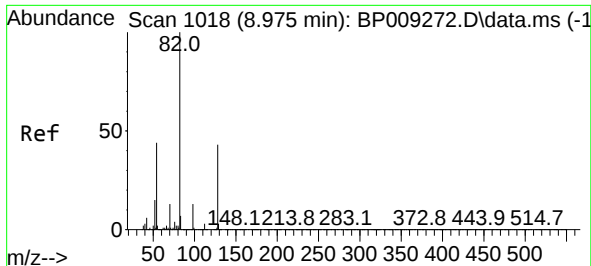
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#22
Acetophenone
Concen: 45.282 ng
RT: 8.640 min Scan# 961
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

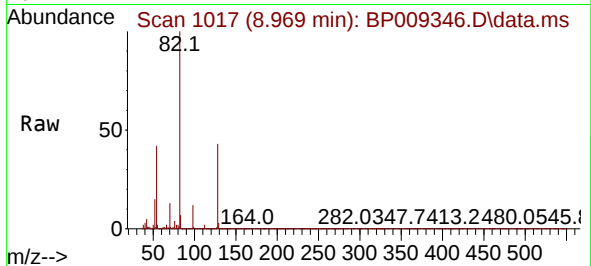
Tgt Ion:105 Resp: 1606923
Ion Ratio Lower Upper
105 100
71 4.4 5.5 8.3#
51 22.2 18.9 28.3
120 22.7 18.1 27.1





#23
Nitrobenzene-d5
Concen: 70.253 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

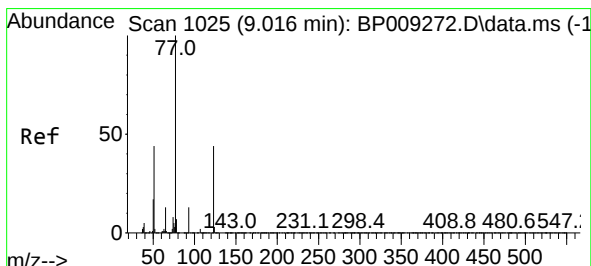
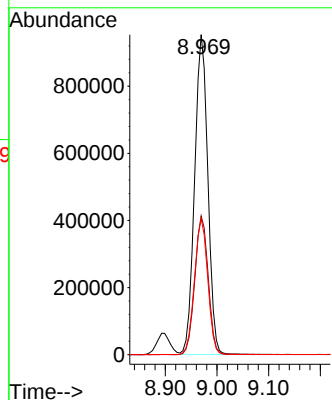
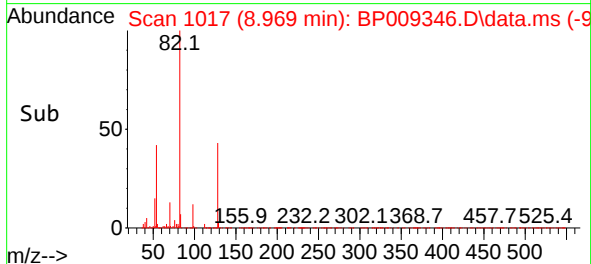
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



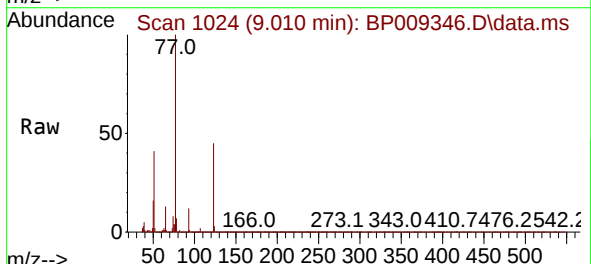
Tgt Ion: 82 Resp: 1693272
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.4
54 42.5 34.7 52.1

Manual Integrations
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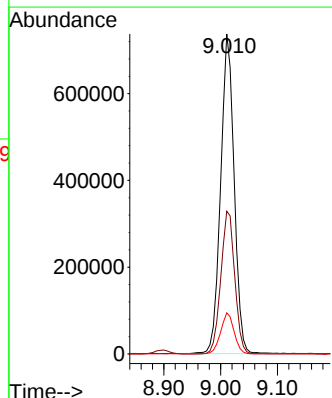
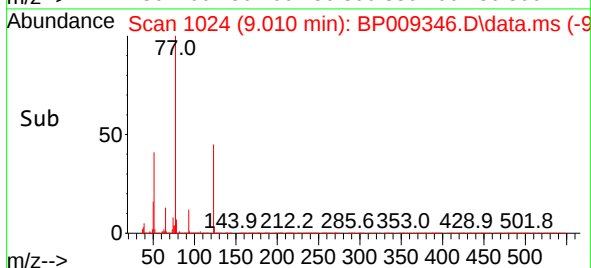
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

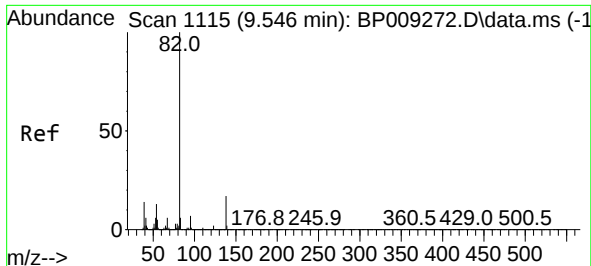


#24
Nitrobenzene
Concen: 47.633 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09



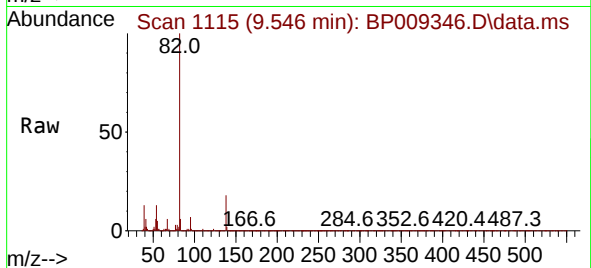
Tgt Ion: 77 Resp: 1216739
Ion Ratio Lower Upper
77 100
123 44.6 35.5 53.3
65 12.8 10.3 15.5





#25
Isophorone
Concen: 47.538 ng
RT: 9.546 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

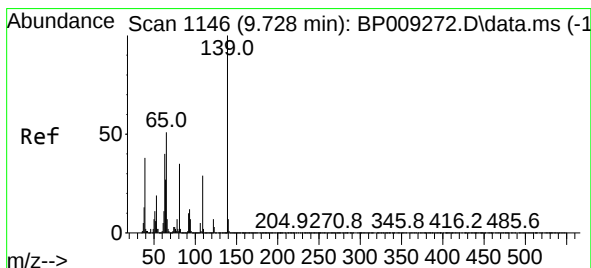
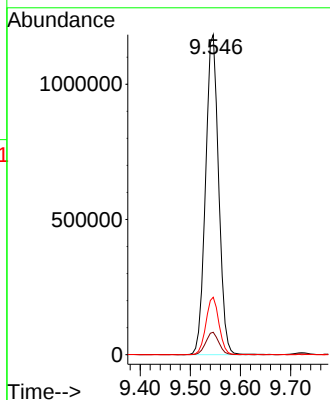
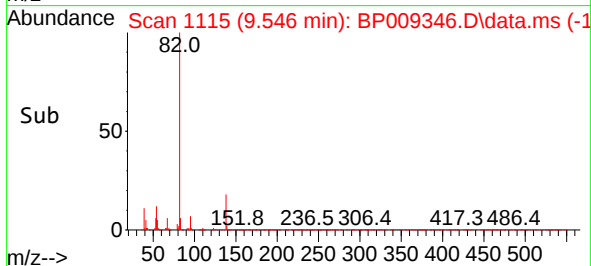
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



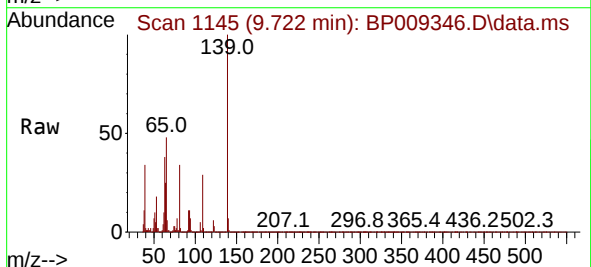
Tgt Ion: 82 Resp: 2143218
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.0 13.8 20.8

Manual Integrations
APPROVED

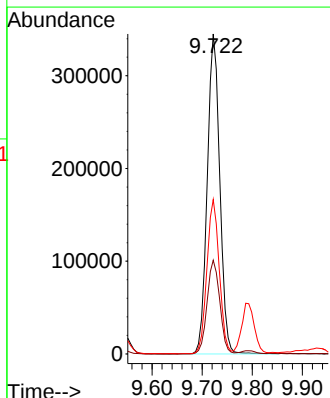
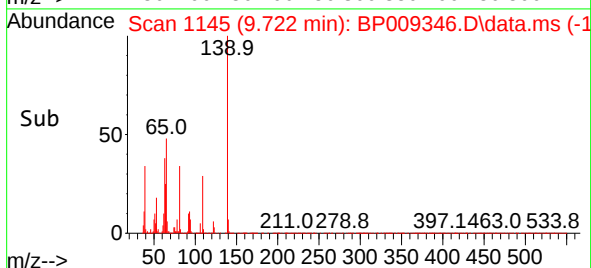
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

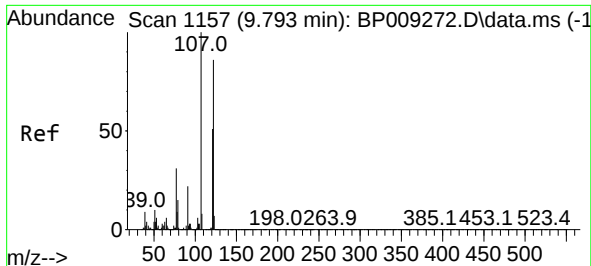


#26
2-Nitrophenol
Concen: 60.529 ng
RT: 9.722 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09



Tgt Ion:139 Resp: 598954
Ion Ratio Lower Upper
139 100
109 29.3 23.4 35.0
65 48.3 41.0 61.6





#27

2,4-Dimethylphenol

Concen: 44.186 ng

RT: 9.793 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP009346.D

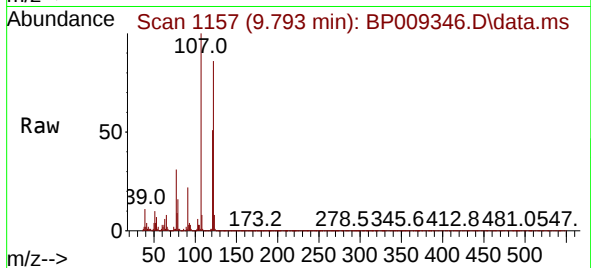
Acq: 10 Mar 2022 16:09

Instrument :

BNA_P

ClientSampleId :

MB-B2-030922-2-4MSD



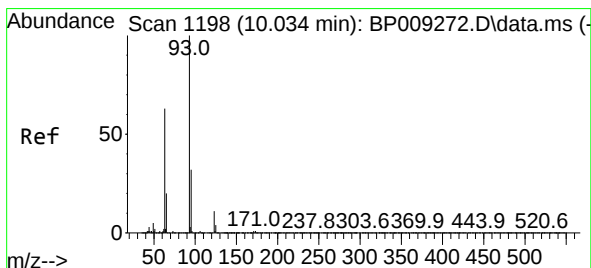
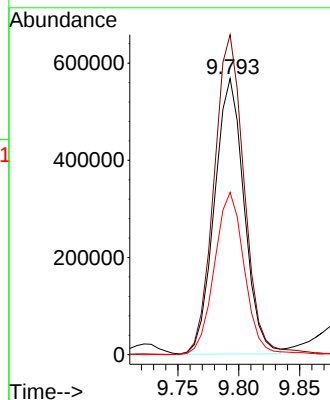
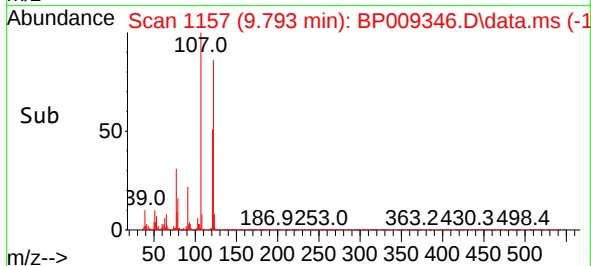
Tgt Ion:	122	Resp:	961672
Ion	Ratio	Lower	Upper
122	100		
107	115.9	92.6	138.8
121	58.9	46.7	70.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/11/2022

Supervised By :Jagrut Upadhyay 03/11/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.036 ng

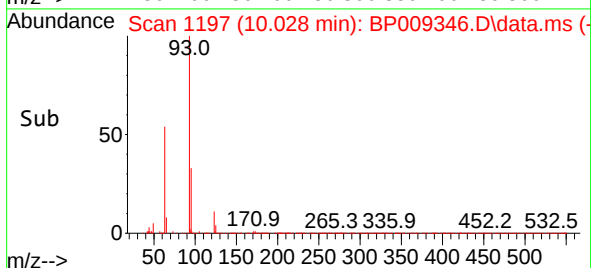
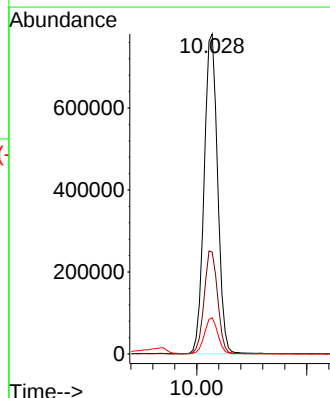
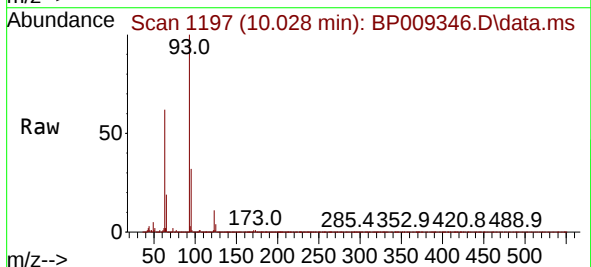
RT: 10.028 min Scan# 1197

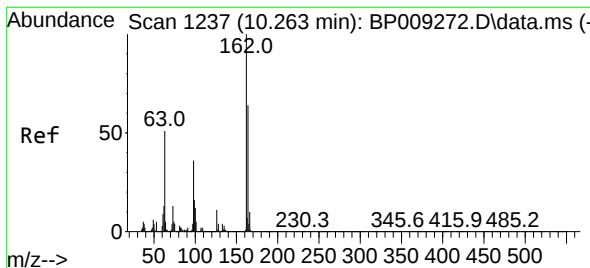
Delta R.T. -0.006 min

Lab File: BP009346.D

Acq: 10 Mar 2022 16:09

Tgt Ion:	93	Resp:	1328722
Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	11.3	8.9	13.3





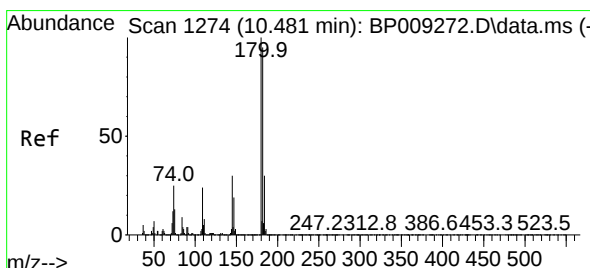
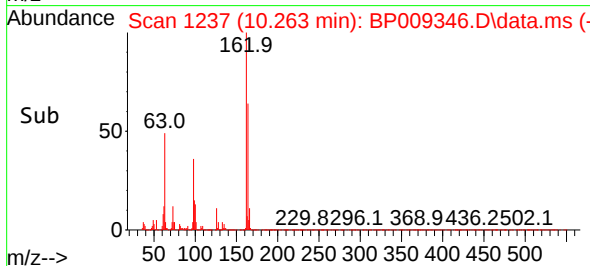
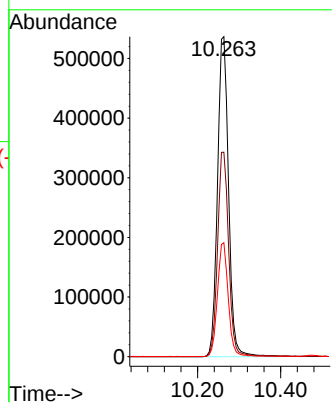
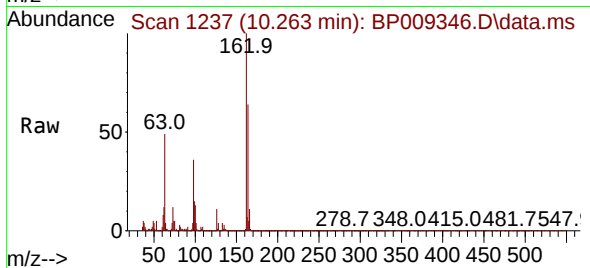
#29
2,4-Dichlorophenol
Concen: 47.156 ng
RT: 10.263 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD

Tgt Ion:162 Resp: 98985
Ion Ratio Lower Upper
162 100
164 63.9 44.3 84.3
98 35.6 15.6 55.6

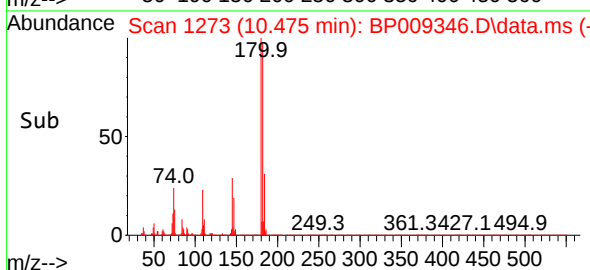
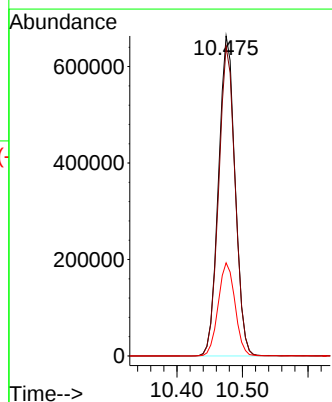
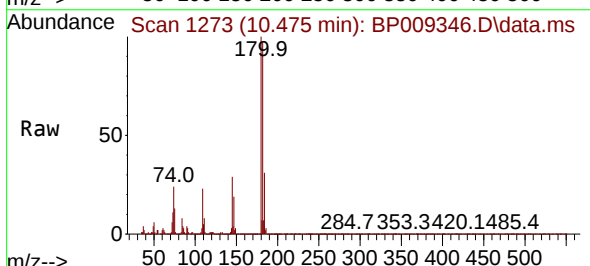
Manual Integrations
APPROVED

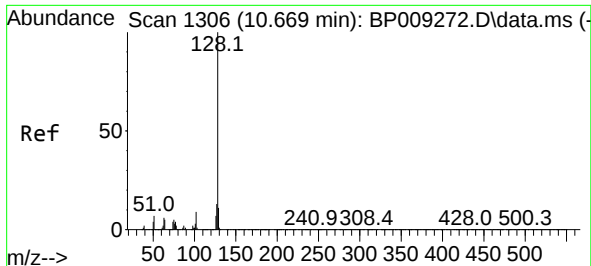
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#30
1,2,4-Trichlorobenzene
Concen: 47.235 ng
RT: 10.475 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

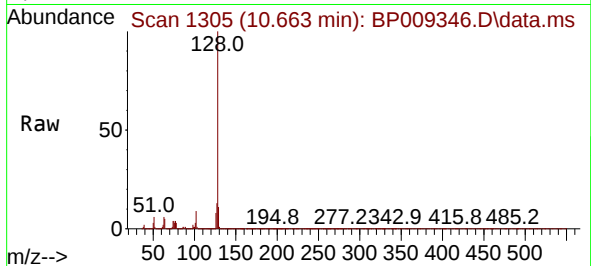
Tgt Ion:180 Resp: 1160504
Ion Ratio Lower Upper
180 100
182 96.7 76.4 114.6
145 29.1 23.8 35.6





#31
Naphthalene
Concen: 44.858 ng
RT: 10.663 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

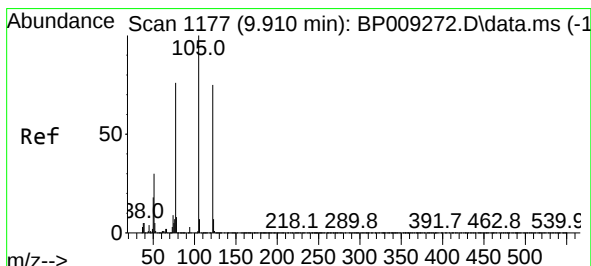
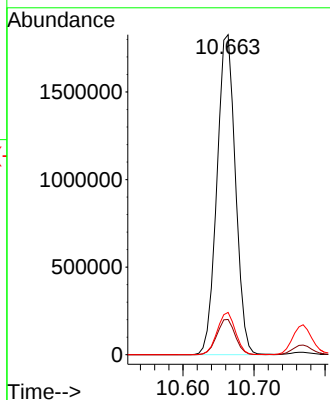
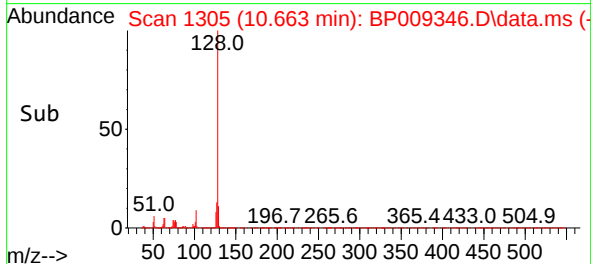
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion:128 Resp: 3297870
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.5 15.7

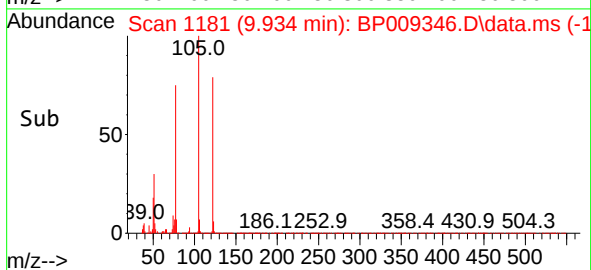
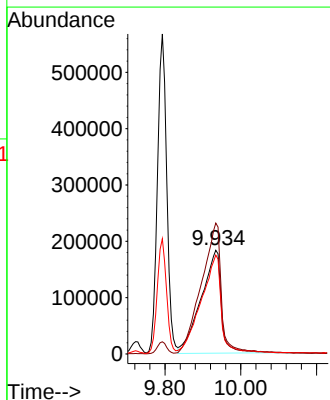
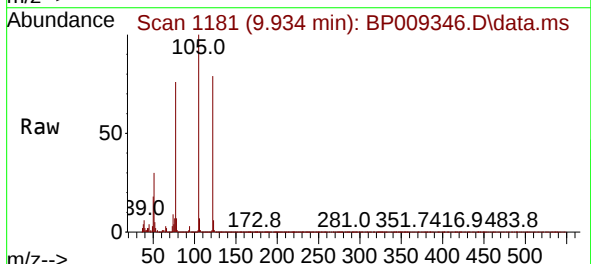
Manual Integrations
APPROVED

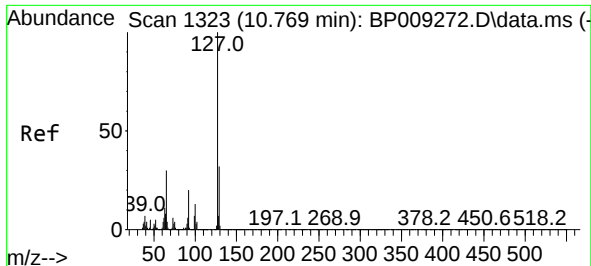
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#32
Benzoic acid
Concen: 61.676 ng
RT: 9.934 min Scan# 1181
Delta R.T. 0.024 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

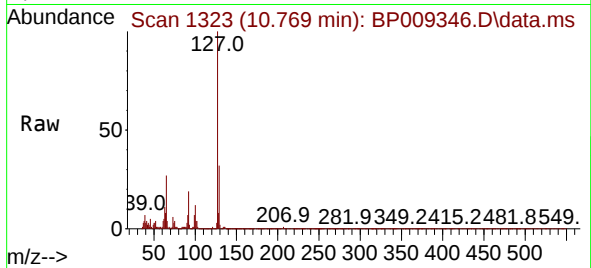
Tgt Ion:122 Resp: 681744
Ion Ratio Lower Upper
122 100
105 126.2 110.5 150.5
77 95.3 79.9 119.9





#33
4-Chloroaniline
Concen: 11.110 ng
RT: 10.769 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

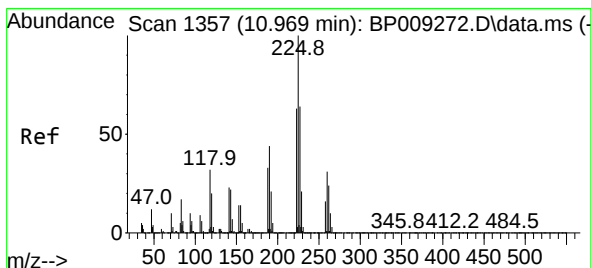
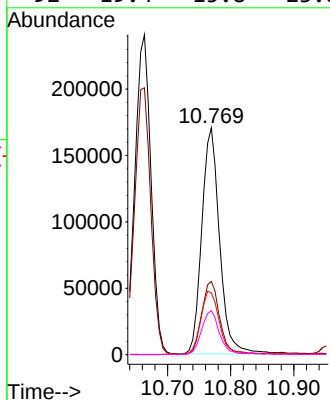
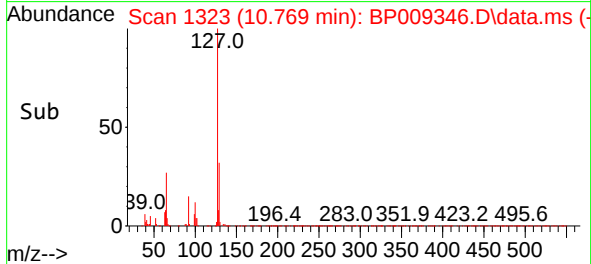
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion:127 Resp: 333969
Ion Ratio Lower Upper
127 100
129 32.3 25.5 38.3
65 27.3 24.3 36.5
92 19.4 15.8 23.8

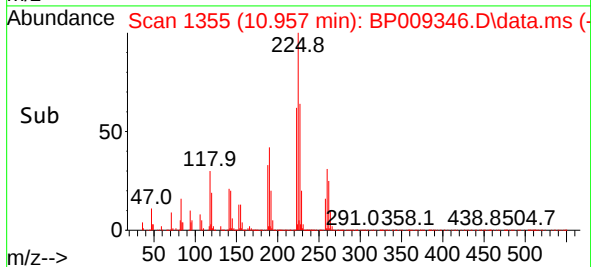
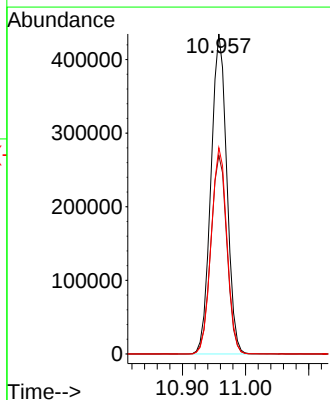
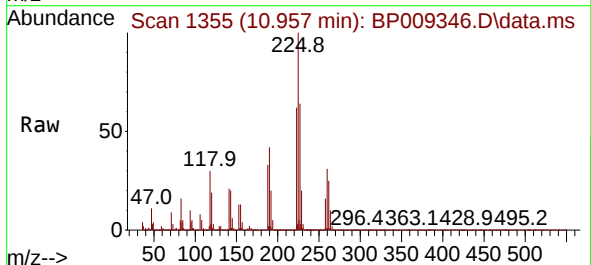
Manual Integrations
APPROVED

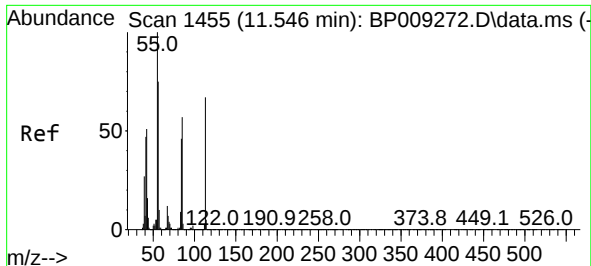
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#34
Hexachlorobutadiene
Concen: 50.526 ng
RT: 10.957 min Scan# 1355
Delta R.T. -0.012 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

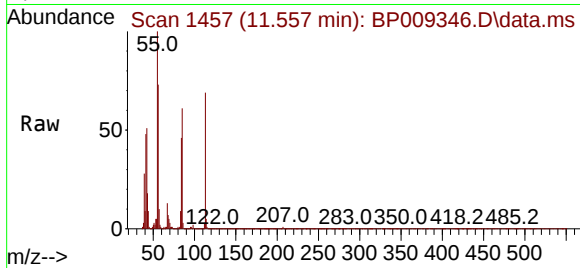
Tgt Ion:225 Resp: 755956
Ion Ratio Lower Upper
225 100
223 62.1 50.5 75.7
227 64.5 51.2 76.8





#35
Caprolactam
Concen: 47.202 ng
RT: 11.557 min Scan# 1455
Delta R.T. 0.012 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

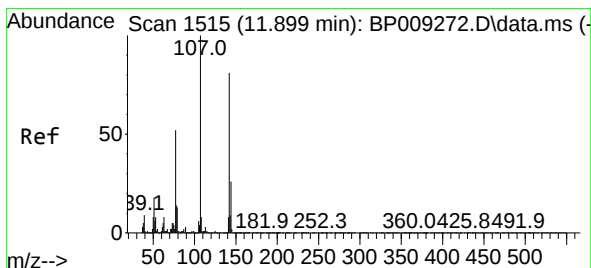
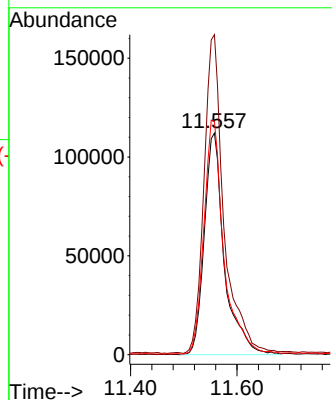
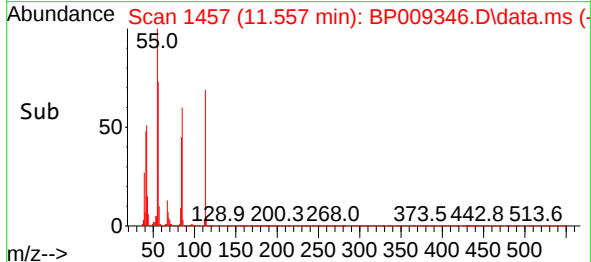
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion:113 Resp: 291648
Ion Ratio Lower Upper
113 100
55 144.4 128.4 168.4
56 105.3 90.9 130.9

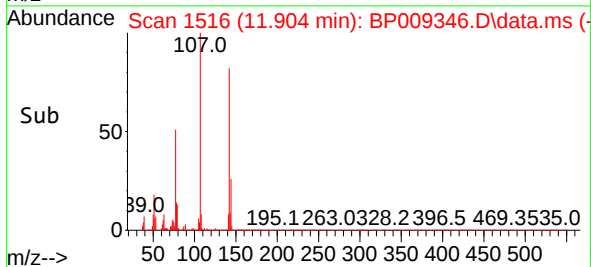
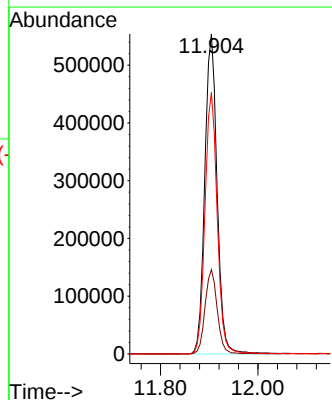
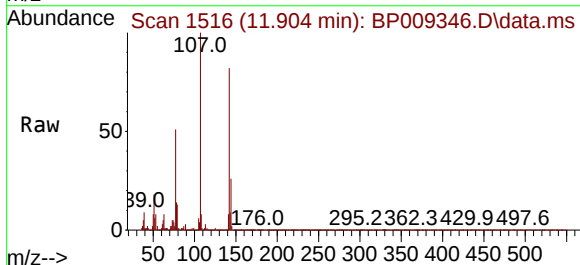
Manual Integrations
APPROVED

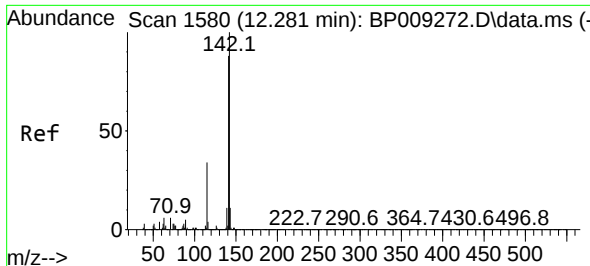
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#36
4-Chloro-3-methylphenol
Concen: 44.124 ng
RT: 11.904 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

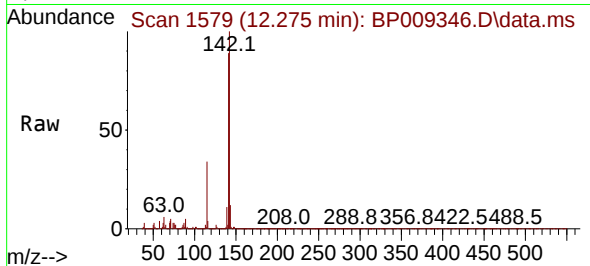
Tgt Ion:107 Resp: 966854
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.4
142 81.7 64.9 97.3





#37
2-Methylnaphthalene
Concen: 41.862 ng
RT: 12.275 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

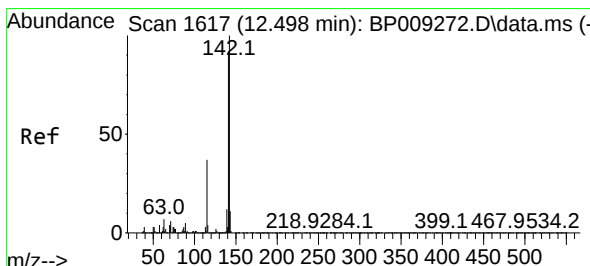
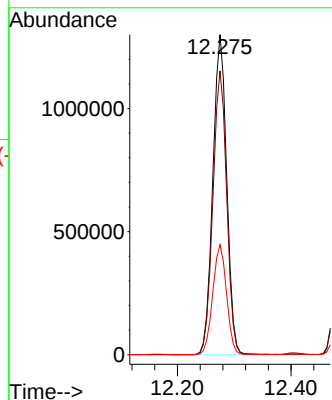
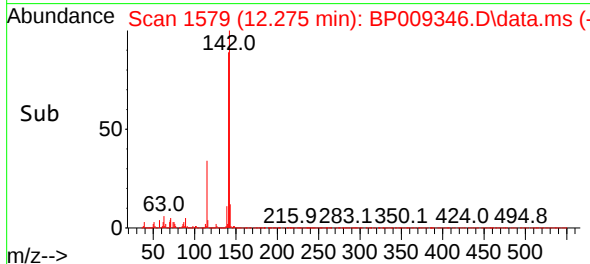
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



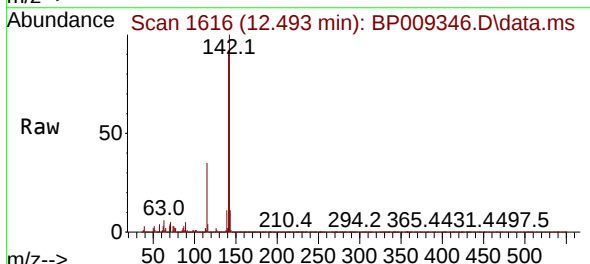
Tgt Ion:142 Resp: 2186618
Ion Ratio Lower Upper
142 100
141 88.7 70.2 105.4
115 34.4 27.4 41.2

Manual Integrations
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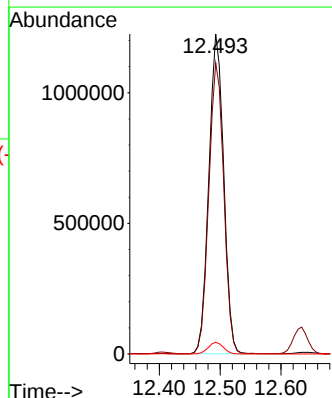
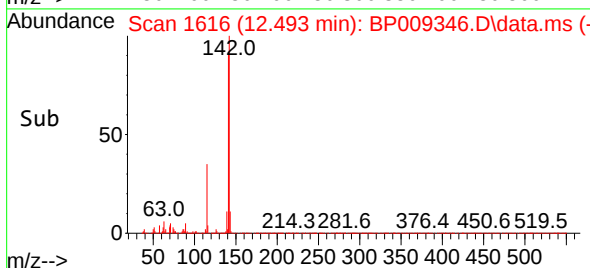
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

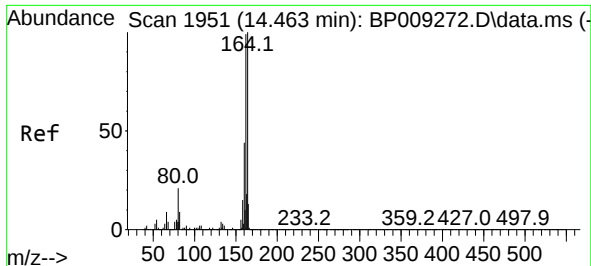


#38
1-Methylnaphthalene
Concen: 43.143 ng
RT: 12.493 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09



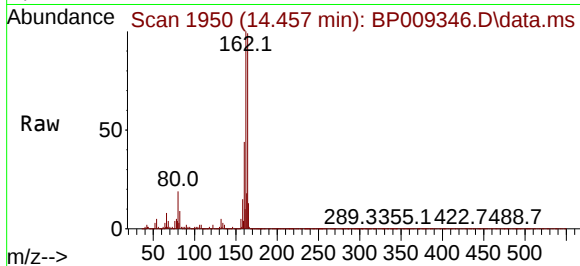
Tgt Ion:142 Resp: 2075437
Ion Ratio Lower Upper
142 100
141 90.9 73.5 110.3
116 3.6 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

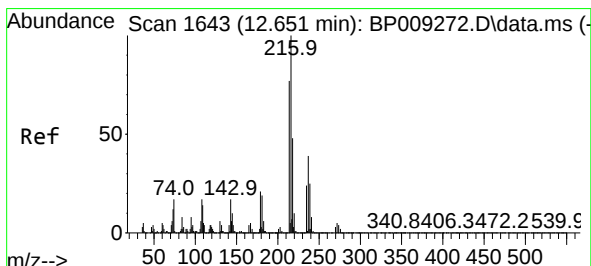
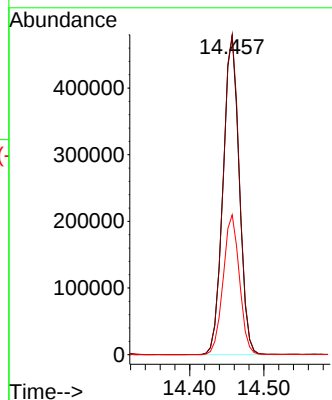
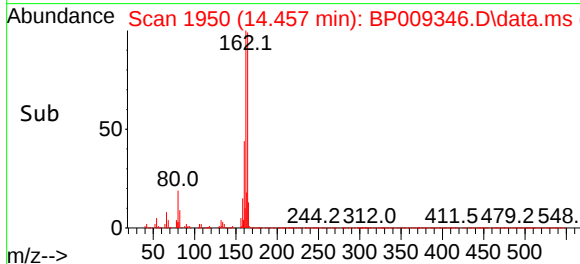
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



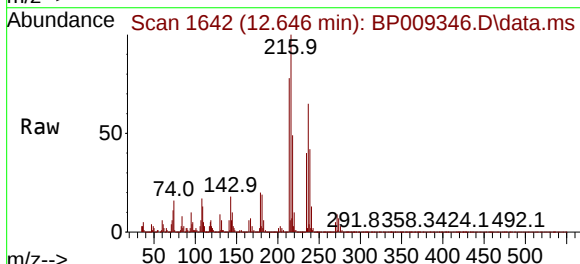
Tgt Ion:164 Resp: 722964
Ion Ratio Lower Upper
164 100
162 100.6 79.1 118.7
160 43.9 34.9 52.3

Manual Integrations
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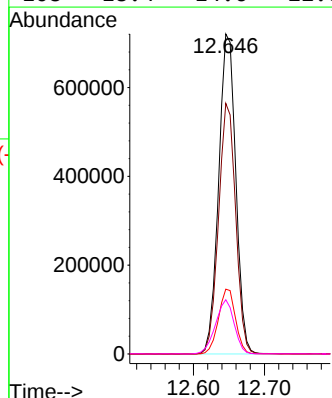
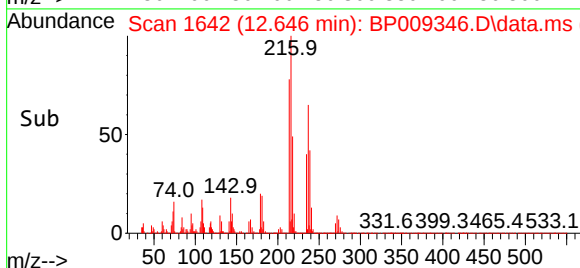
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

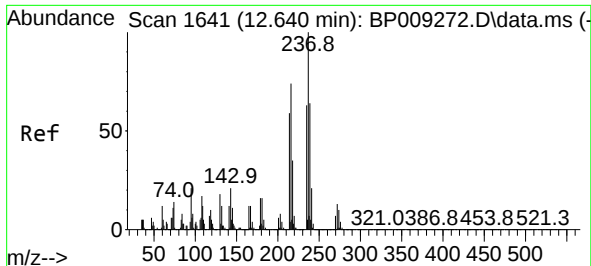


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.385 ng
RT: 12.646 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09



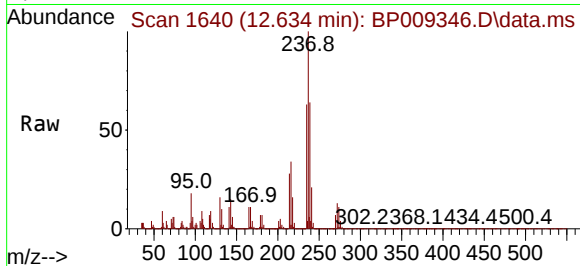
Tgt Ion:216 Resp: 1203175
Ion Ratio Lower Upper
216 100
214 78.2 62.3 93.5
179 20.2 16.8 25.2
108 18.4 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 98.216 ng
RT: 12.634 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

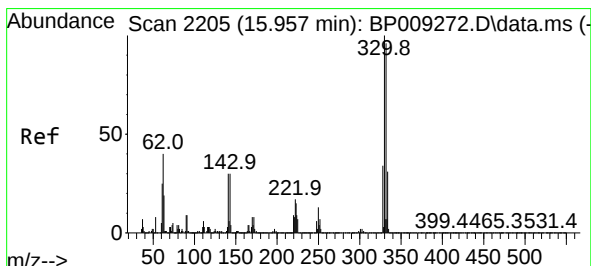
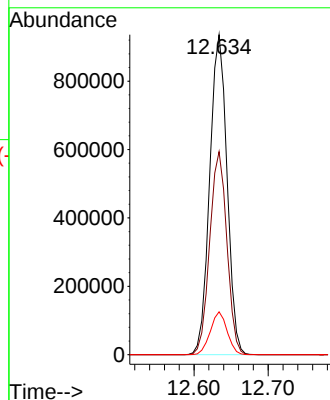
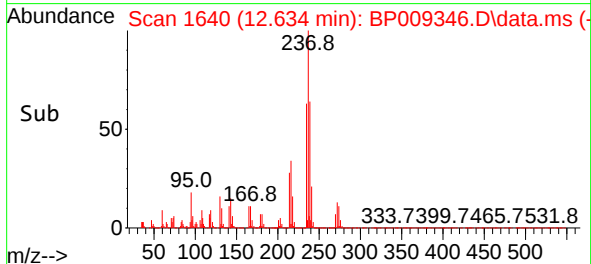
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



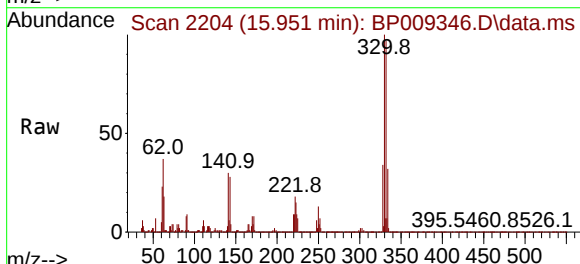
Tgt Ion: 237 Resp: 151556
Ion Ratio Lower Upper
237 100
235 63.4 42.6 82.6
272 13.4 0.0 32.8

Manual Integrations
APPROVED

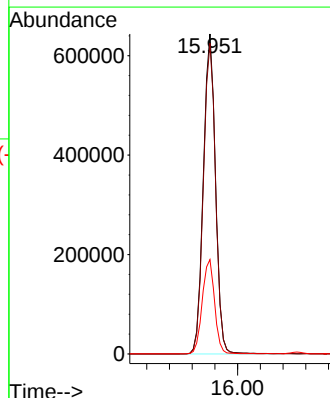
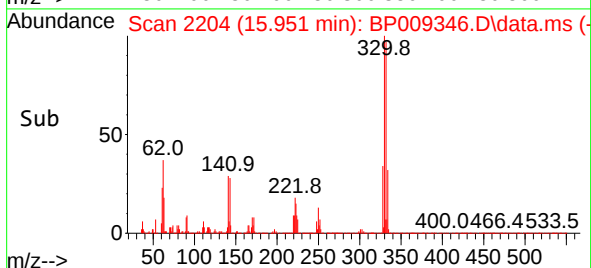
Reviewed By : Christian Giraldo 03/11/2022
Supervised By : Jagrut Upadhyay 03/11/2022

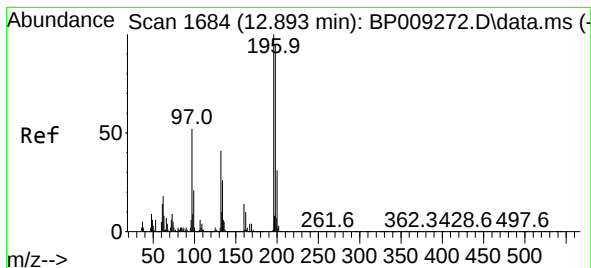


#42
2,4,6-Tribromophenol
Concen: 109.300 ng
RT: 15.951 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09



Tgt Ion: 330 Resp: 954173
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 29.9 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 52.336 ng

RT: 12.887 min Scan# 1683

Delta R.T. -0.006 min

Lab File: BP009346.D

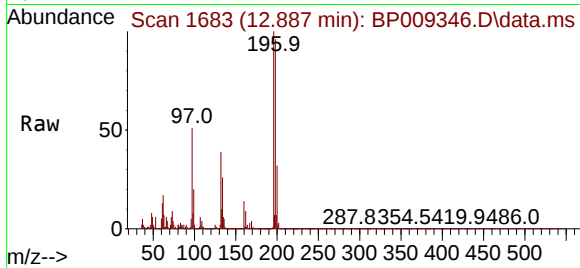
Acq: 10 Mar 2022 16:09

Instrument :

BNA_P

ClientSampleId :

MB-B2-030922-2-4MSD



Tgt Ion:196 Resp: 76561

Ion Ratio Lower Upper

196 100

198 96.2 76.2 114.4

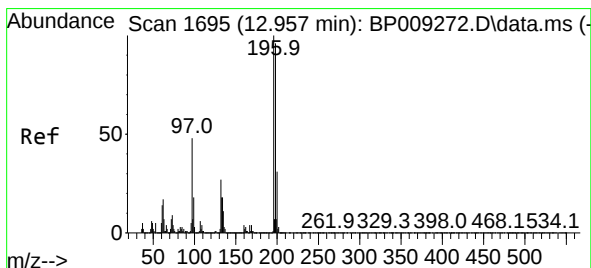
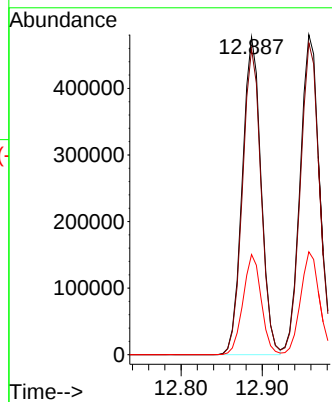
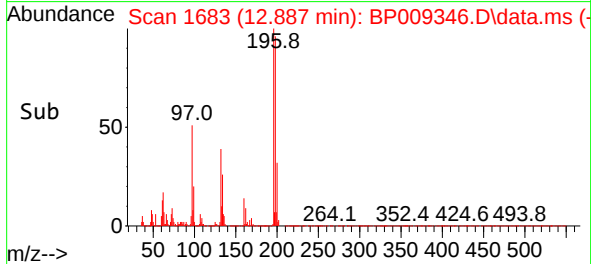
200 31.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/11/2022

Supervised By :Jagrut Upadhyay 03/11/2022



#44

2,4,5-Trichlorophenol

Concen: 49.985 ng

RT: 12.957 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BP009346.D

Acq: 10 Mar 2022 16:09

Tgt Ion:196 Resp: 802054

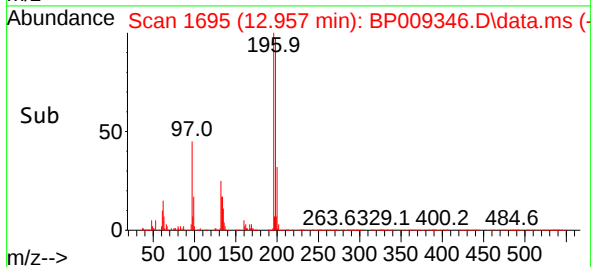
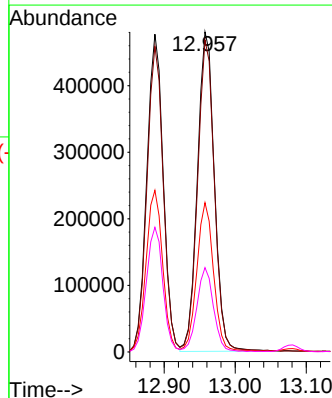
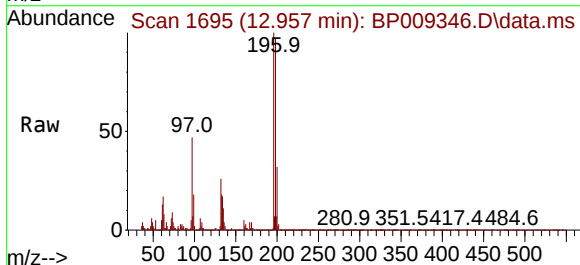
Ion Ratio Lower Upper

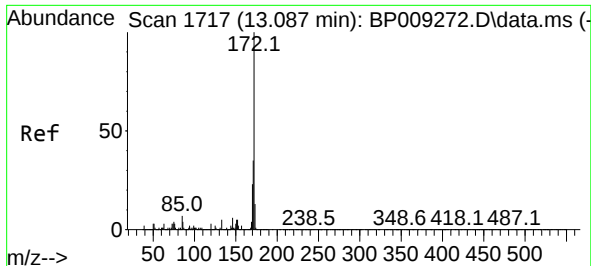
196 100

198 97.5 76.6 114.8

97 46.6 38.3 57.5

132 26.4 21.6 32.4





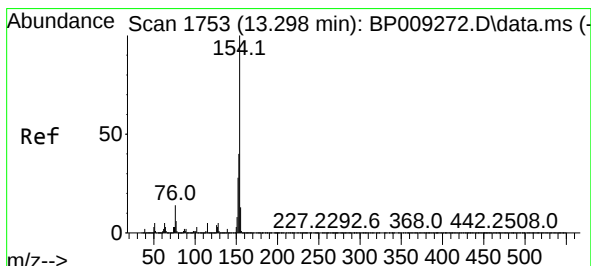
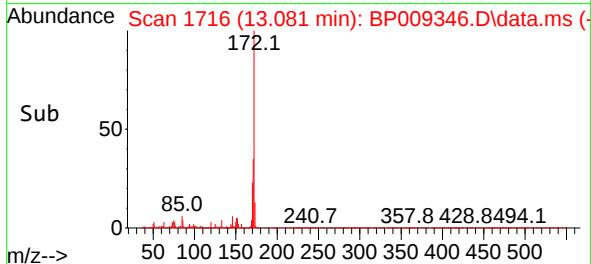
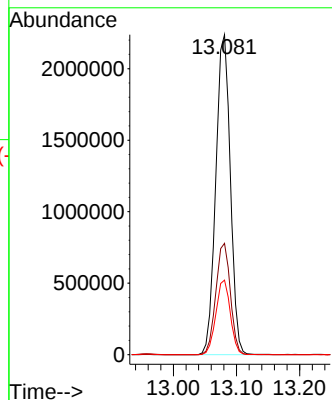
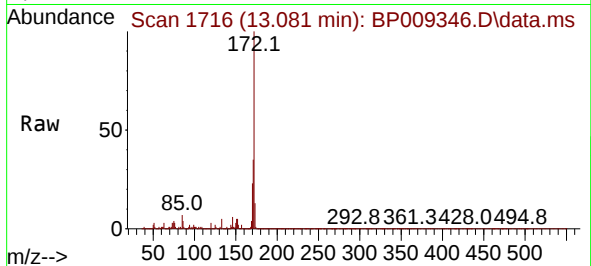
#45
2-Fluorobiphenyl
Concen: 67.942 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD

Tgt Ion:172 Resp: 357180
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.3 18.6 27.8

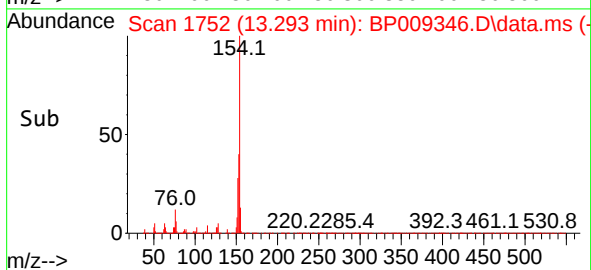
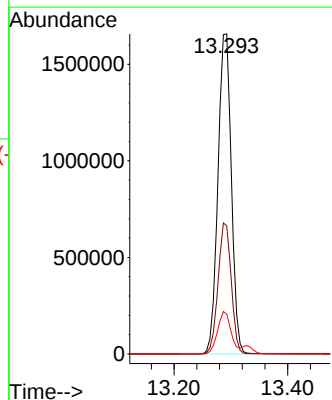
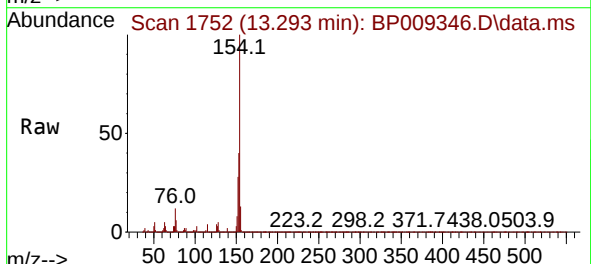
Manual Integrations
APPROVED

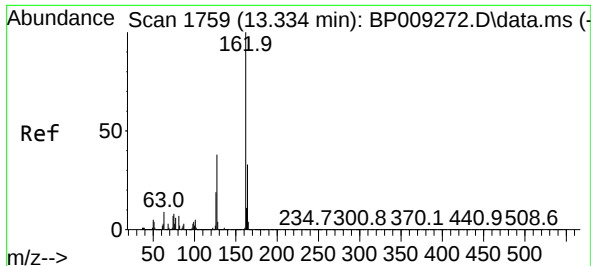
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#46
1,1'-Biphenyl
Concen: 45.950 ng
RT: 13.293 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

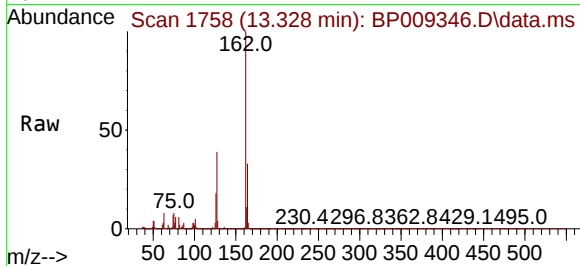
Tgt Ion:154 Resp: 2712234
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 12.5 0.0 34.0





#47
2-Chloronaphthalene
Concen: 47.664 ng
RT: 13.328 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

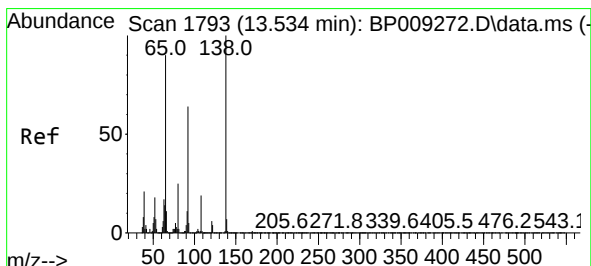
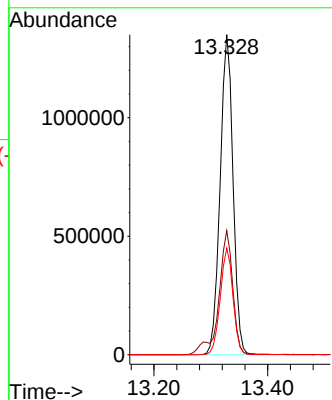
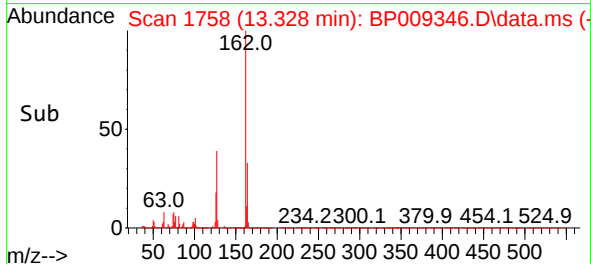
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



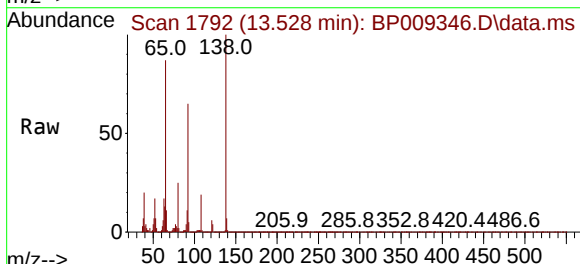
Tgt Ion:162 Resp: 213101
Ion Ratio Lower Upper
162 100
127 38.8 30.8 46.2
164 33.3 26.3 39.5

Manual Integrations
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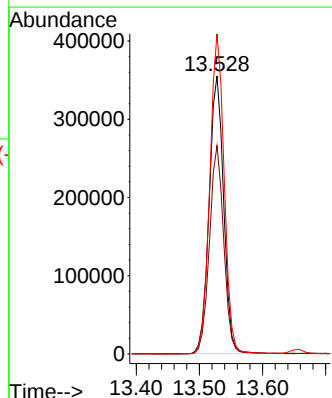
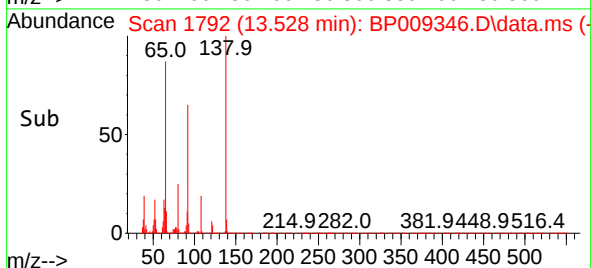
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

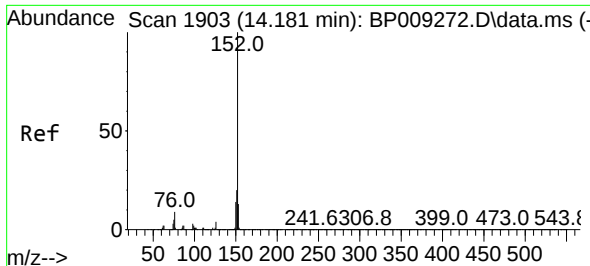


#48
2-Nitroaniline
Concen: 55.157 ng
RT: 13.528 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09



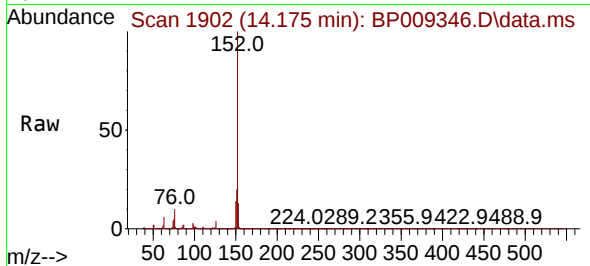
Tgt Ion: 65 Resp: 567008
Ion Ratio Lower Upper
65 100
92 74.9 56.9 85.3
138 115.1 89.3 133.9





#49
Acenaphthylene
Concen: 49.375 ng
RT: 14.175 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

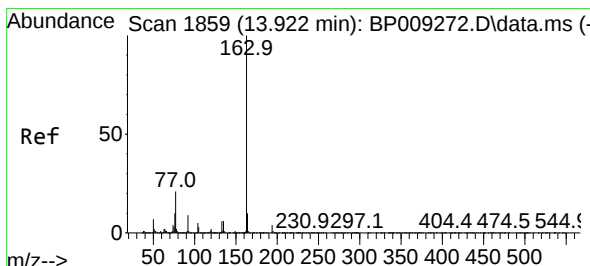
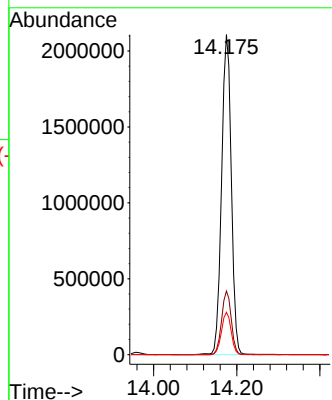
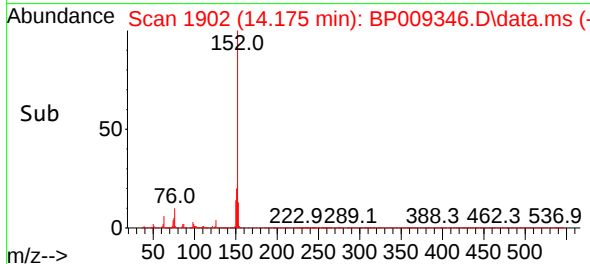
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion:152 Resp: 3410870
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 10.7 16.1

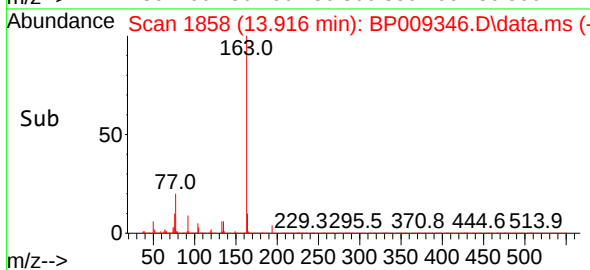
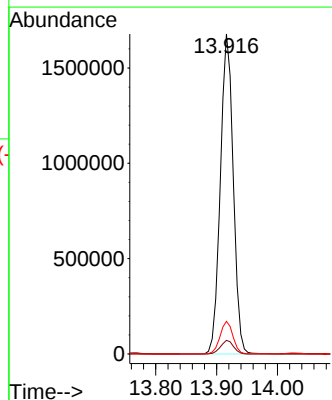
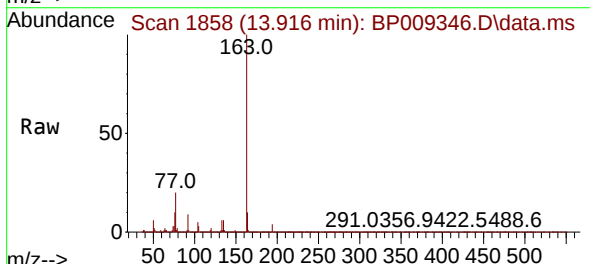
Manual Integrations
APPROVED

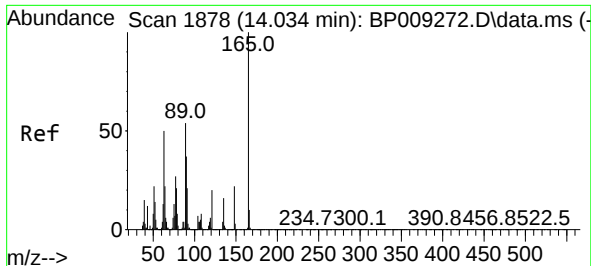
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#50
Dimethylphthalate
Concen: 46.138 ng
RT: 13.916 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

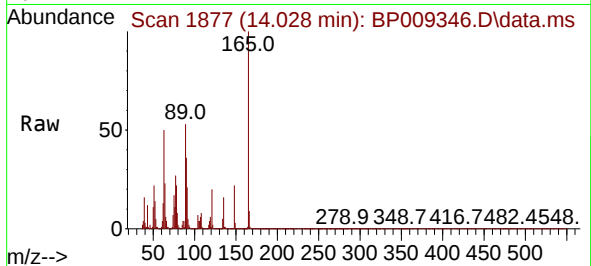
Tgt Ion:163 Resp: 2460245
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.130 ng
RT: 14.028 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

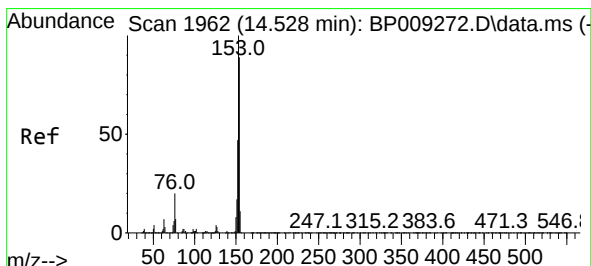
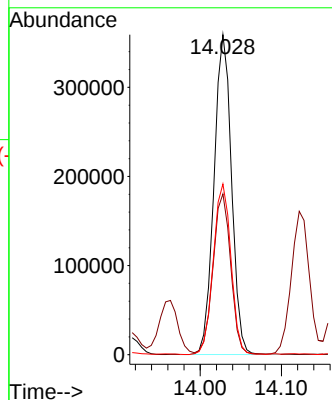
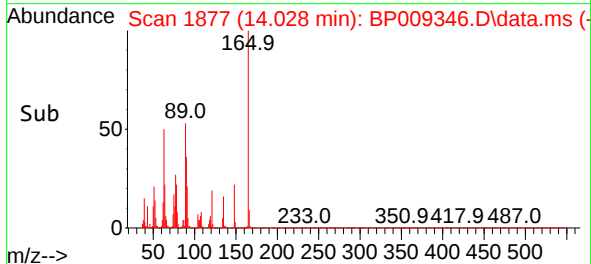
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



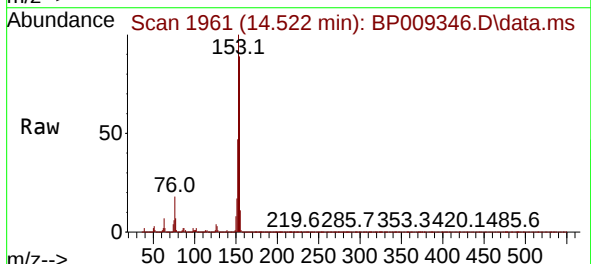
Tgt Ion:165 Resp: 538410
Ion Ratio Lower Upper
165 100
63 50.3 40.9 61.3
89 53.4 43.4 65.2

Manual Integrations
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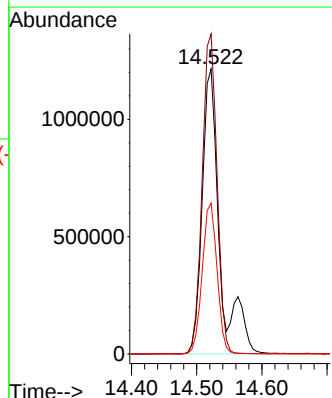
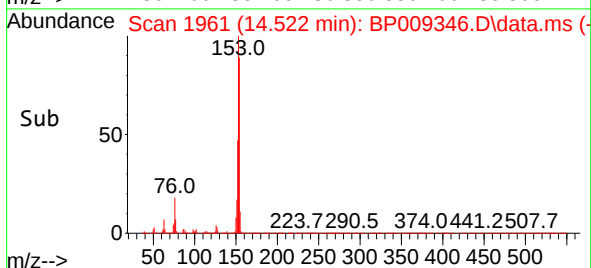
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

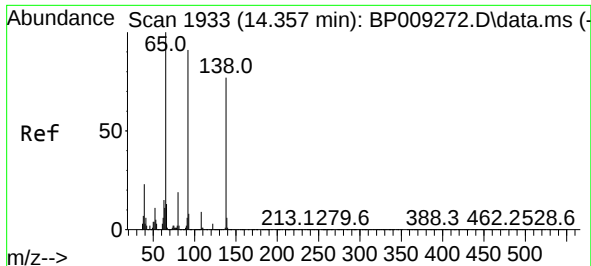


#52
Acenaphthene
Concen: 51.401 ng m
RT: 14.522 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09



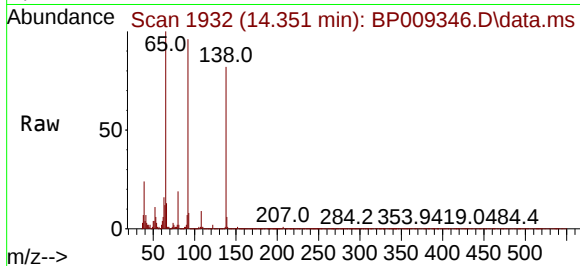
Tgt Ion:154 Resp: 2275720
Ion Ratio Lower Upper
154 100
153 112.3 90.2 135.4
152 52.9 42.7 64.1





#53
3-Nitroaniline
Concen: 25.345 ng
RT: 14.351 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

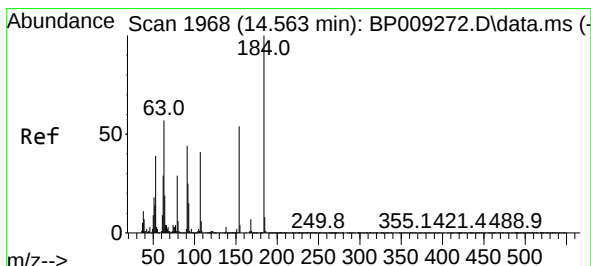
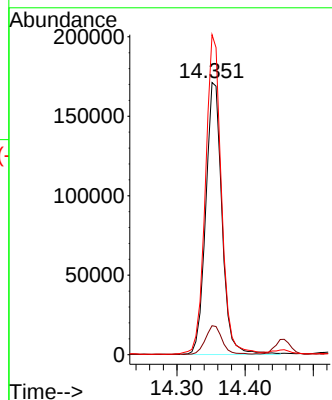
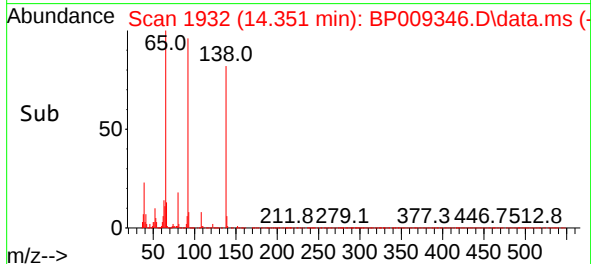
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion:138 Resp: 28349
Ion Ratio Lower Upper
138 100
108 10.6 9.7 14.5
92 117.6 94.4 141.6

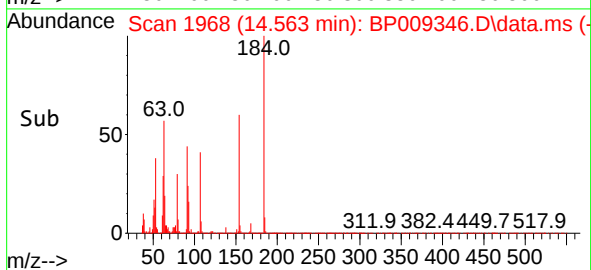
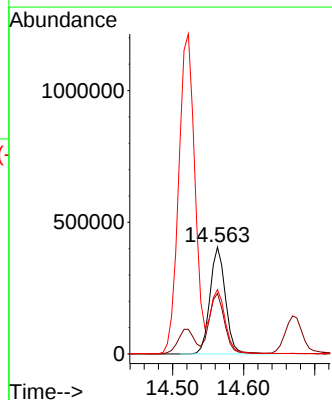
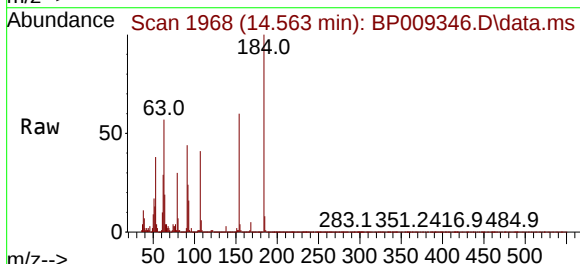
Manual Integrations
APPROVED

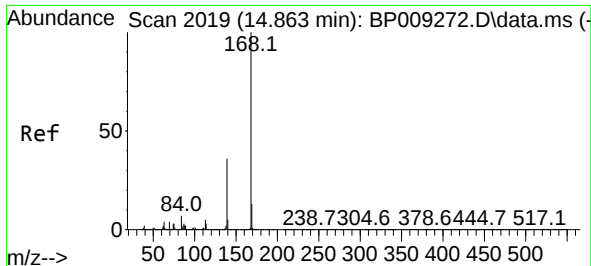
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#54
2,4-Dinitrophenol
Concen: 136.671 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

Tgt Ion:184 Resp: 616233
Ion Ratio Lower Upper
184 100
63 56.7 46.3 69.5
154 60.2 45.8 68.6





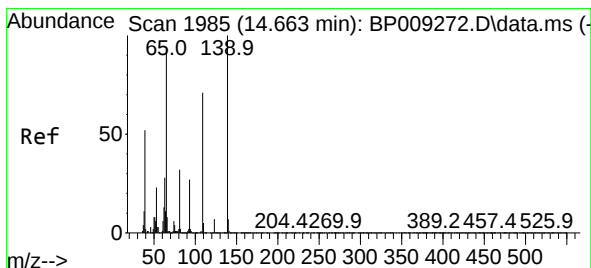
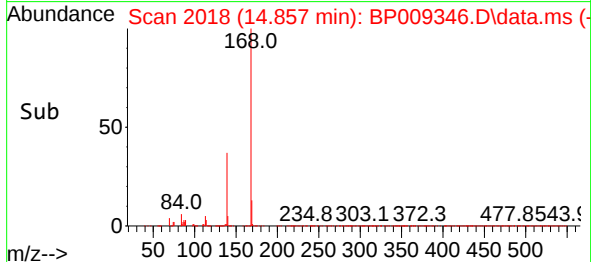
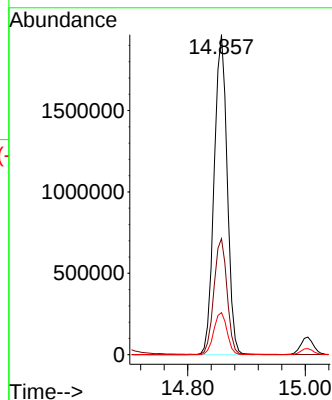
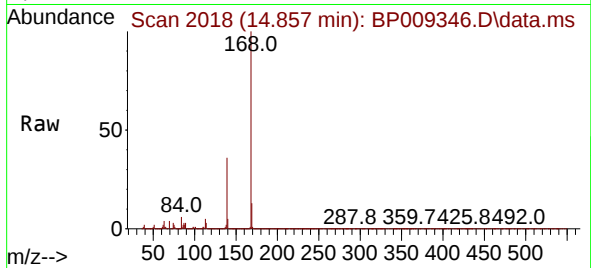
#55
Dibenzenofuran
Concen: 45.197 ng
RT: 14.857 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD

Tgt Ion:168 Resp: 303119
Ion Ratio Lower Upper
168 100
139 36.3 29.1 43.7
169 13.2 10.6 16.0

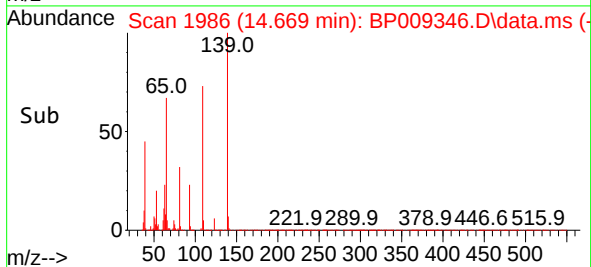
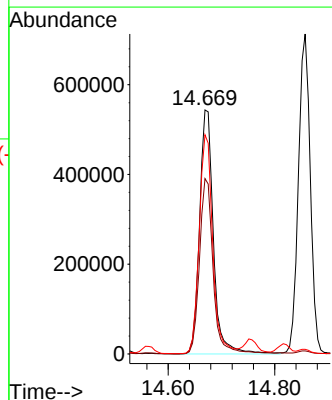
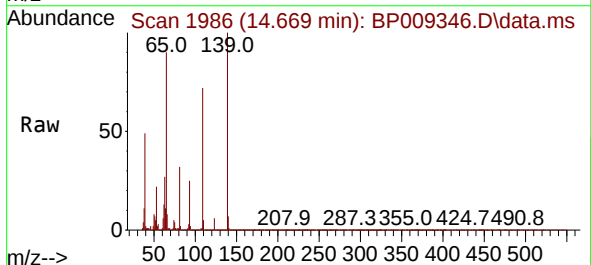
Manual Integrations
APPROVED

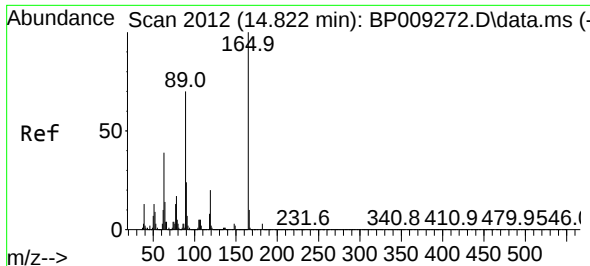
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#56
4-Nitrophenol
Concen: 105.298 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

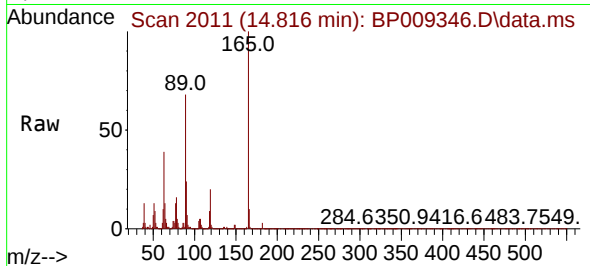
Tgt Ion:139 Resp: 979504
Ion Ratio Lower Upper
139 100
109 71.9 51.2 91.2
65 89.9 73.2 113.2





#57
2,4-Dinitrotoluene
Concen: 53.534 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

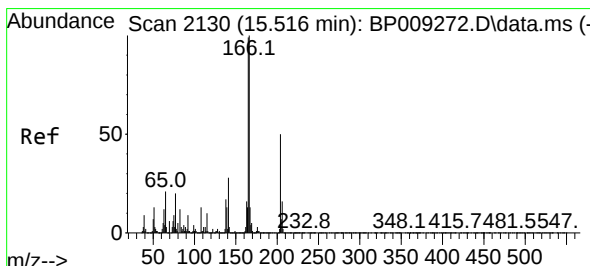
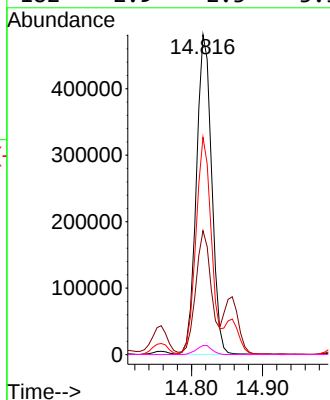
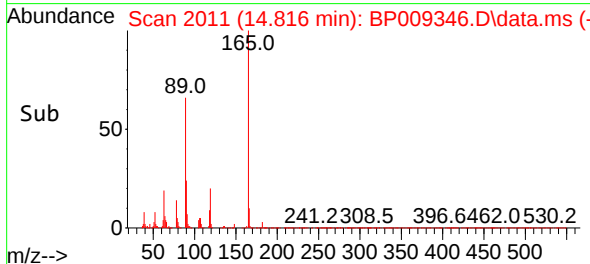
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion:165 Resp: 721790
Ion Ratio Lower Upper
165 100
63 38.8 31.4 47.2
89 68.0 55.9 83.9
182 2.9 2.3 3.5

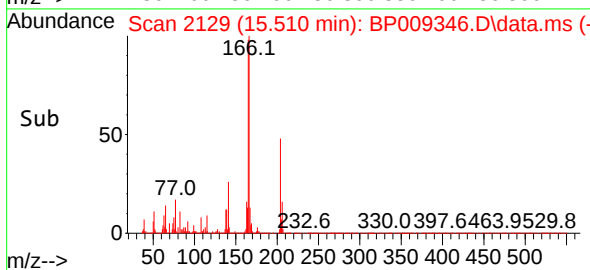
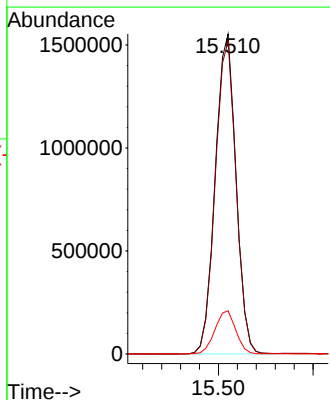
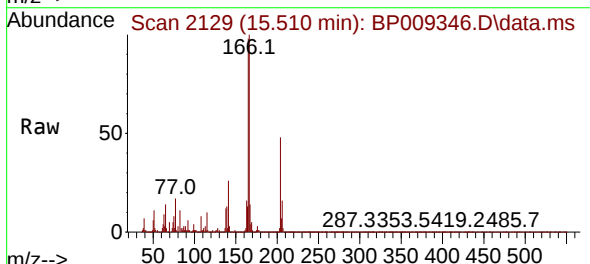
Manual Integrations
APPROVED

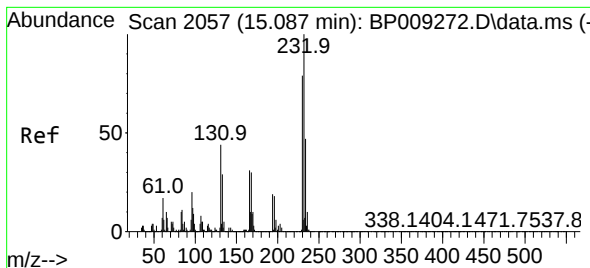
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#58
Fluorene
Concen: 45.042 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

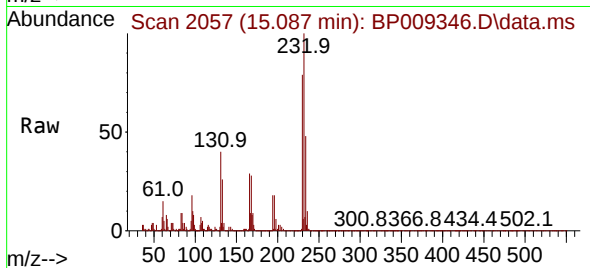
Tgt Ion:166 Resp: 2365639
Ion Ratio Lower Upper
166 100
165 97.8 79.2 118.8
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.312 ng
RT: 15.087 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

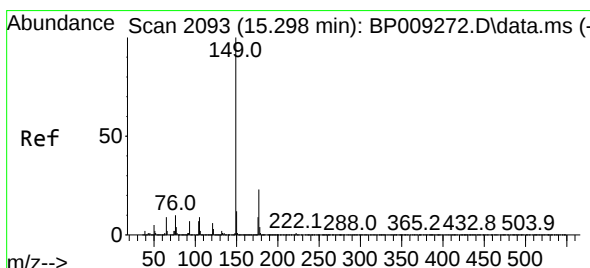
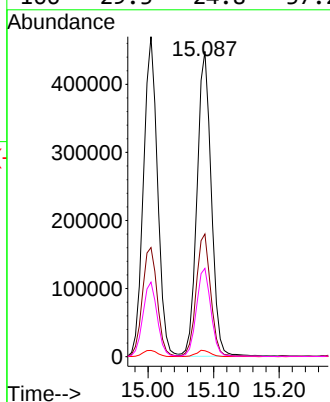
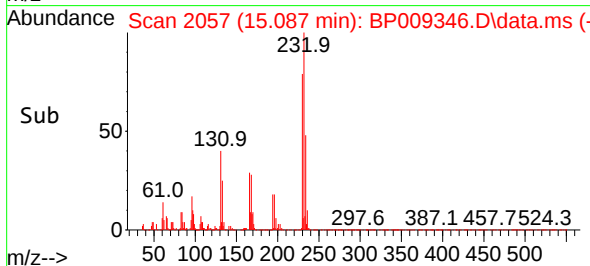
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



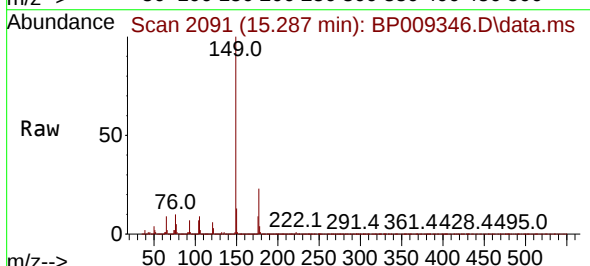
Tgt Ion:232 Resp: 679752
Ion Ratio Lower Upper
232 100
131 40.6 35.5 53.3
130 2.0 1.8 2.8
166 29.3 24.8 37.2

Manual Integrations
APPROVED

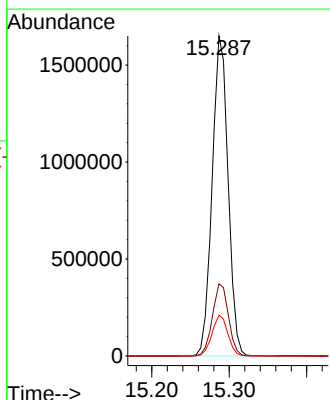
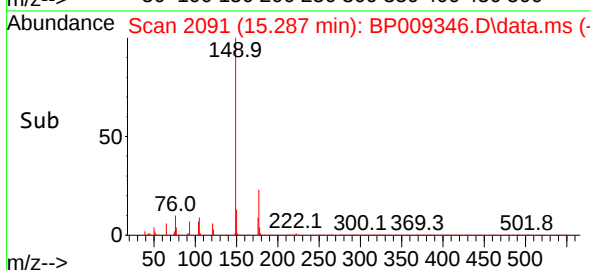
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

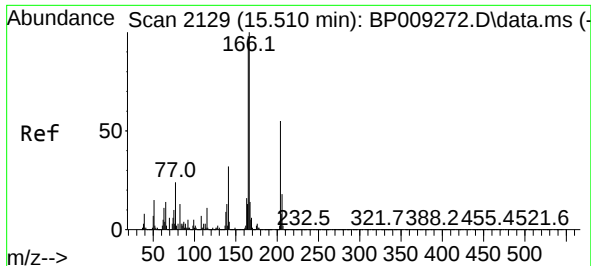


#60
Diethylphthalate
Concen: 45.415 ng
RT: 15.287 min Scan# 2091
Delta R.T. -0.012 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09



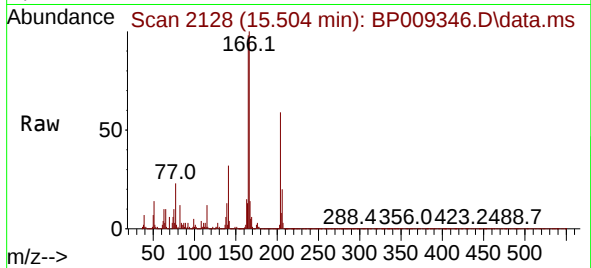
Tgt Ion:149 Resp: 2357765
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.2
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.513 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

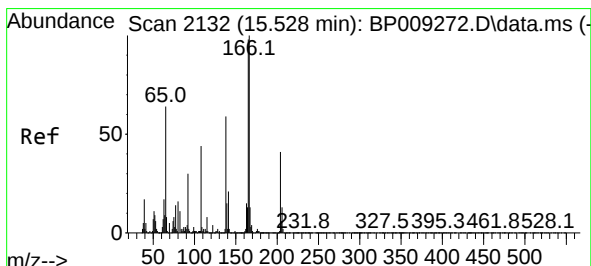
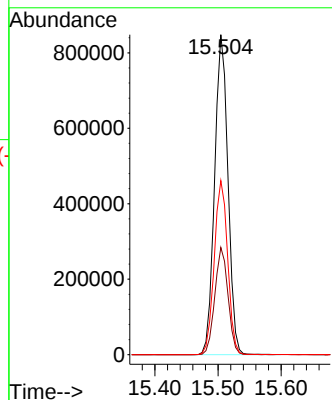
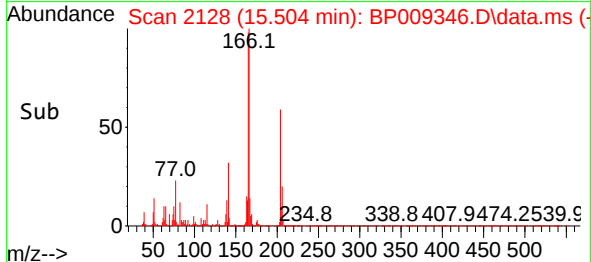
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



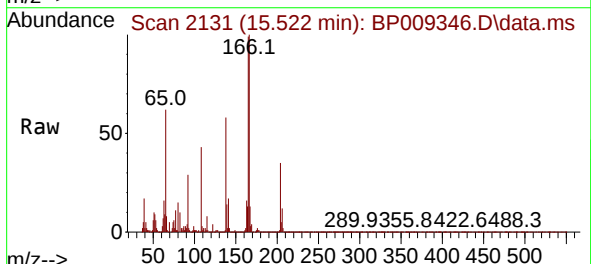
Tgt Ion:204 Resp: 124430
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 54.4 45.9 68.9

Manual Integrations
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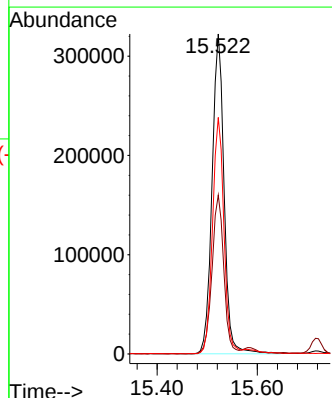
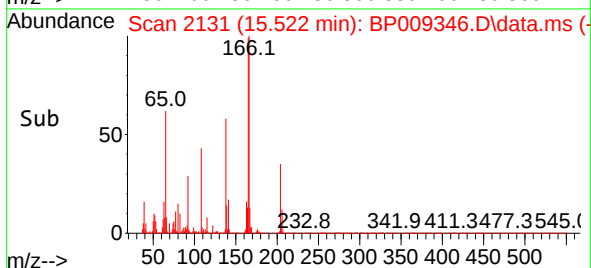
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

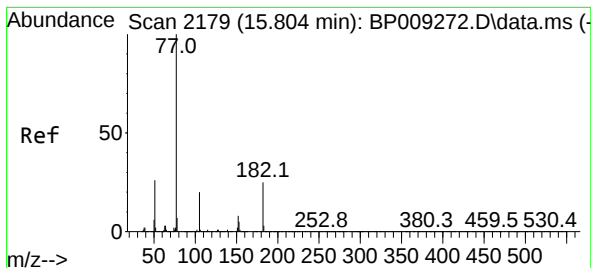


#62
4-Nitroaniline
Concen: 49.495 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09



Tgt Ion:138 Resp: 536865
Ion Ratio Lower Upper
138 100
92 49.6 31.2 71.2
108 73.9 54.3 94.3





#63

Azobenzene

Concen: 43.807 ng

RT: 15.798 min Scan# 2179

Delta R.T. -0.006 min

Lab File: BP009346.D

Acq: 10 Mar 2022 16:09

Instrument :

BNA_P

ClientSampleId :

MB-B2-030922-2-4MSD

Tgt Ion: 77 Resp: 223436

Ion Ratio Lower Upper

77 100

182 26.5 5.4 45.4

105 20.8 0.3 40.3

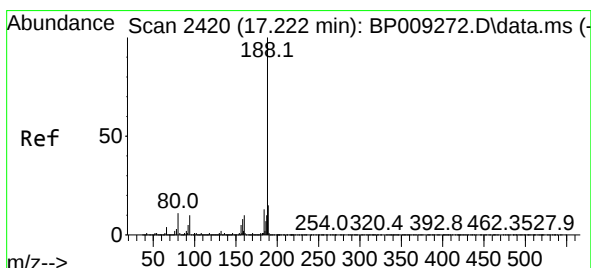
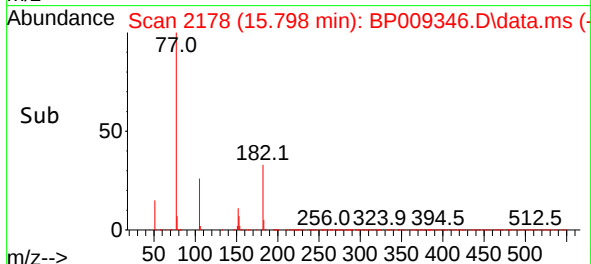
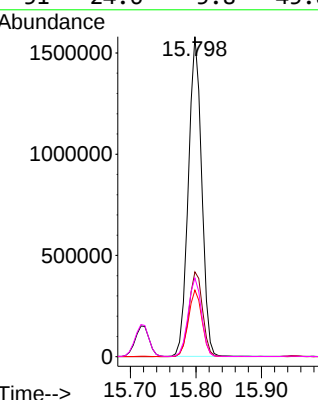
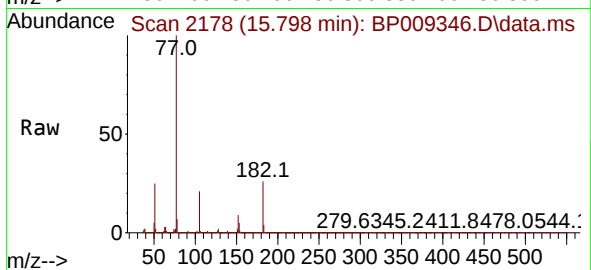
51 24.6 5.8 45.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/11/2022

Supervised By :Jagrut Upadhyay 03/11/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.216 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP009346.D

Acq: 10 Mar 2022 16:09

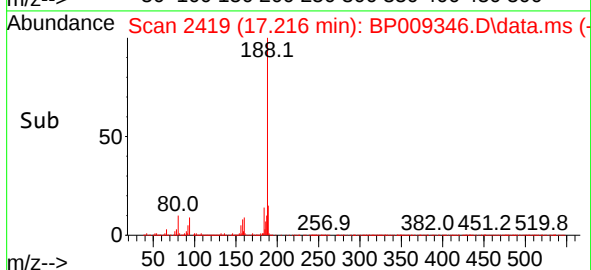
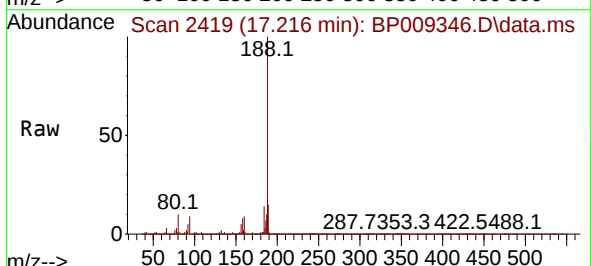
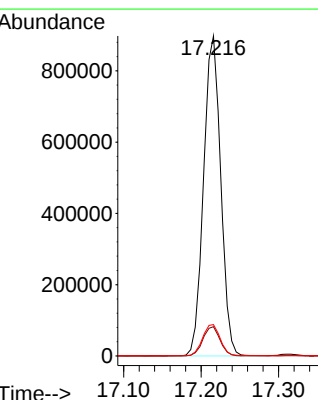
Tgt Ion:188 Resp: 1379252

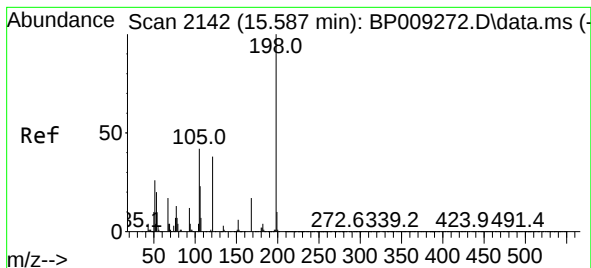
Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

80 9.8 8.8 13.2





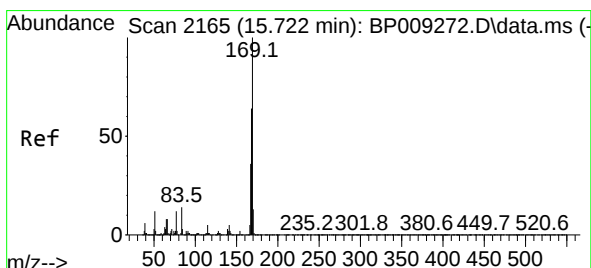
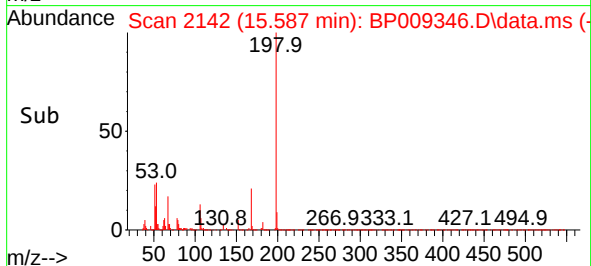
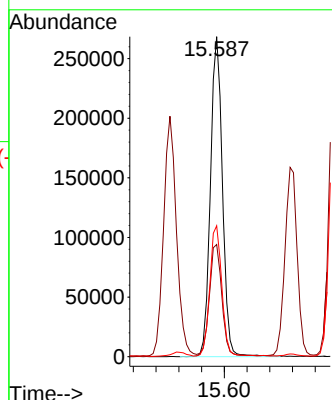
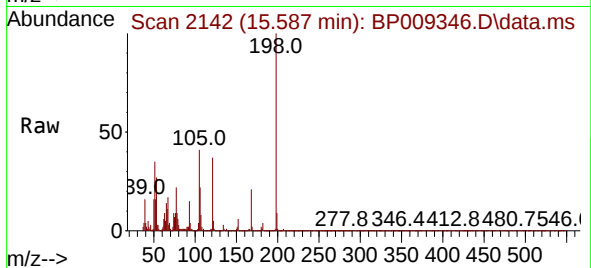
#65
4,6-Dinitro-2-methylphenol
Concen: 64.399 ng
RT: 15.587 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD

Tgt Ion:198 Resp: 390689
Ion Ratio Lower Upper
198 100
51 35.1 17.7 57.7
105 40.9 23.2 63.2

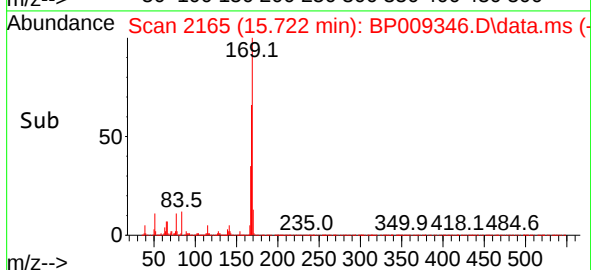
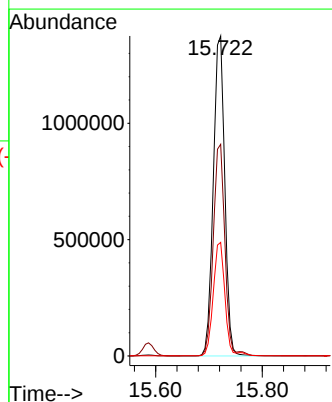
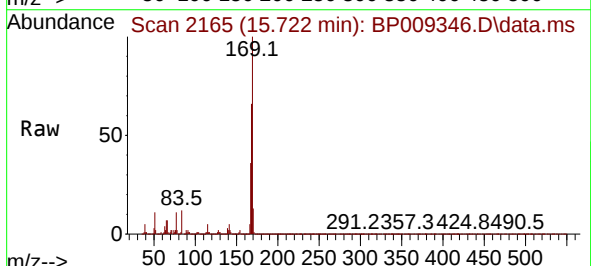
Manual Integrations
APPROVED

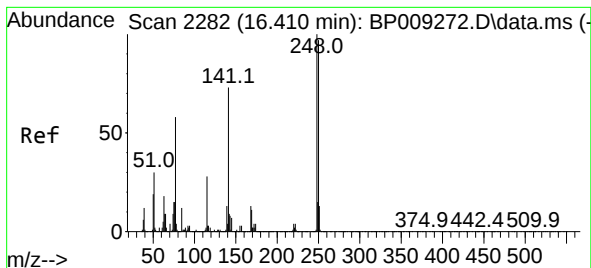
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#66
n-Nitrosodiphenylamine
Concen: 47.406 ng
RT: 15.722 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

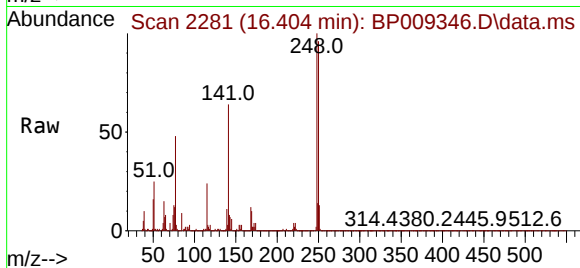
Tgt Ion:169 Resp: 2052454
Ion Ratio Lower Upper
169 100
168 66.1 51.6 77.4
167 35.5 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 52.130 ng
RT: 16.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

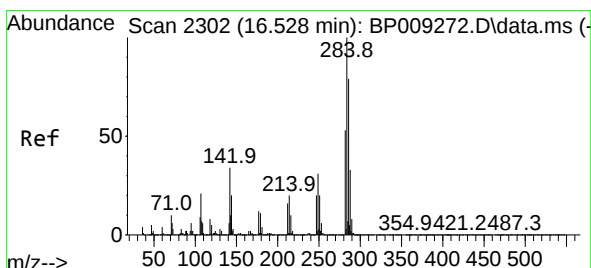
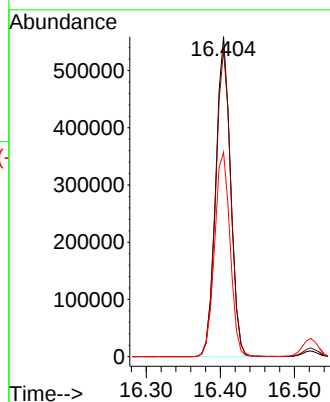
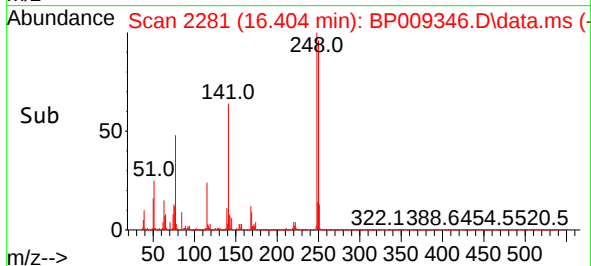
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



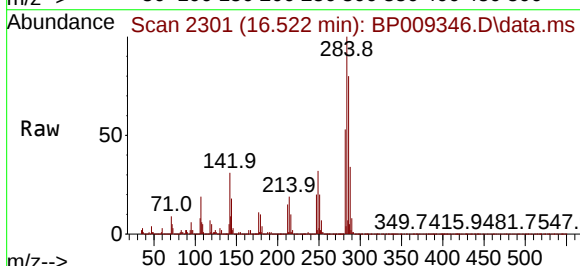
Tgt Ion:248 Resp: 775720
Ion Ratio Lower Upper
248 100
250 96.0 77.7 116.5
141 63.9 58.3 87.5

Manual Integrations
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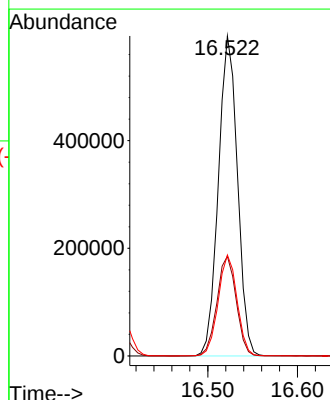
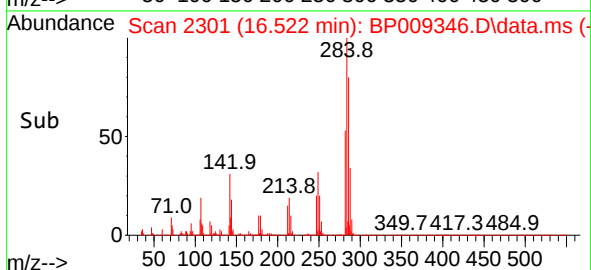
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

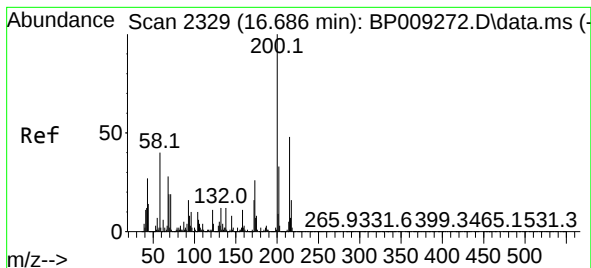


#68
Hexachlorobenzene
Concen: 50.304 ng
RT: 16.522 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09



Tgt Ion:284 Resp: 877992
Ion Ratio Lower Upper
284 100
142 31.2 26.8 40.2
249 31.6 24.6 37.0





#69

Atrazine

Concen: 48.142 ng

RT: 16.681 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009346.D

Acq: 10 Mar 2022 16:09

Instrument :

BNA_P

ClientSampleId :

MB-B2-030922-2-4MSD

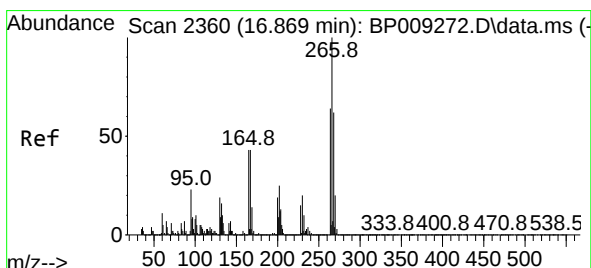
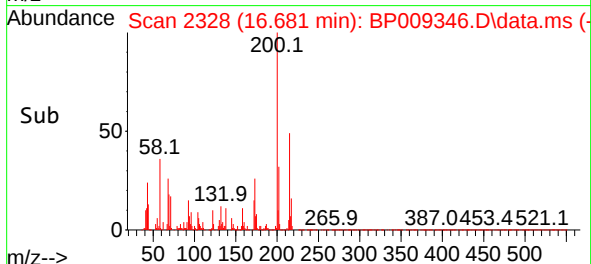
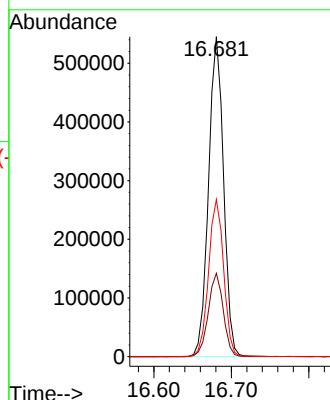
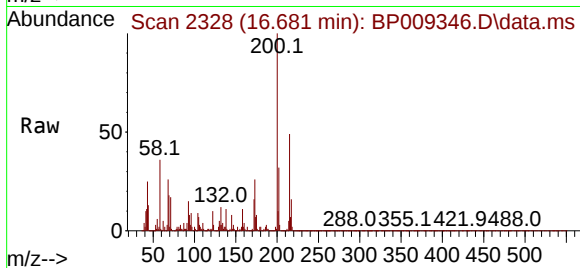
Tgt Ion:200 Resp: 733710
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.2 46.2
 215 49.1 28.5 68.5

Manual Integrations

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Reviewed By :Christian Giraldo 03/11/2022

Supervised By :Jagrut Upadhyay 03/11/2022



#70

Pentachlorophenol

Concen: 107.473 ng

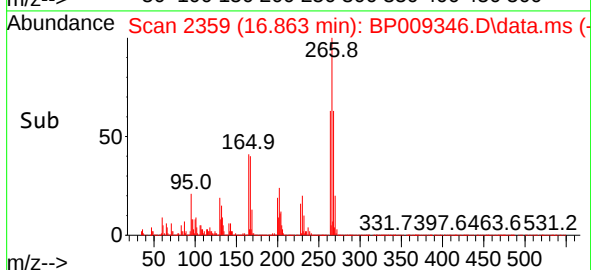
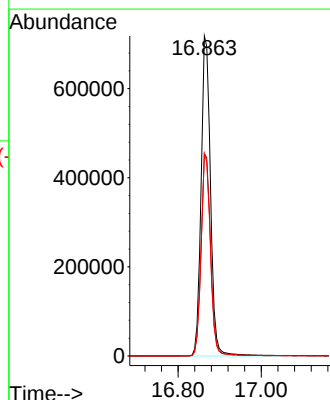
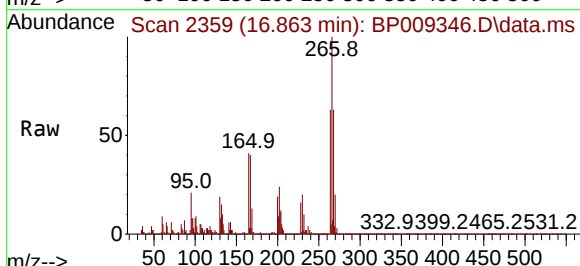
RT: 16.863 min Scan# 2359

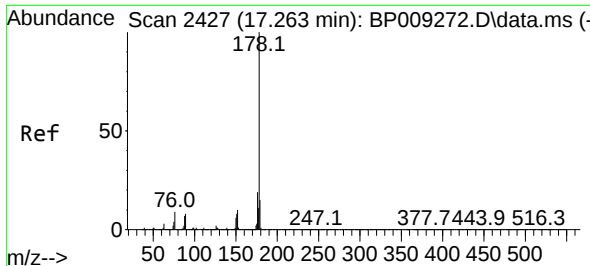
Delta R.T. -0.006 min

Lab File: BP009346.D

Acq: 10 Mar 2022 16:09

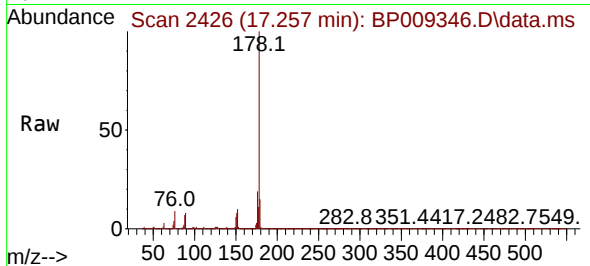
Tgt Ion:266 Resp: 1129000
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.8 74.8
 264 63.3 50.9 76.3





#71
Phenanthrene
Concen: 46.110 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

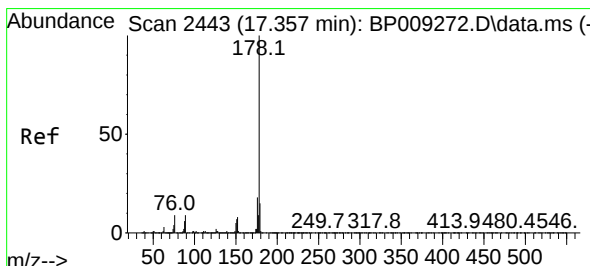
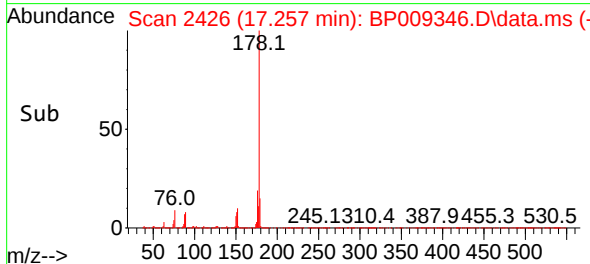
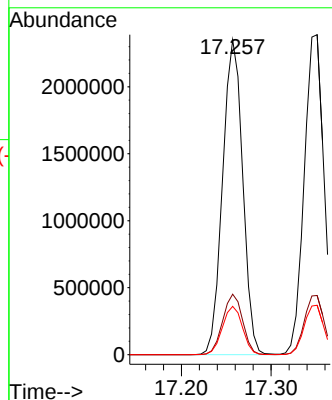
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion:178 Resp: 3654970
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.3 12.3 18.5

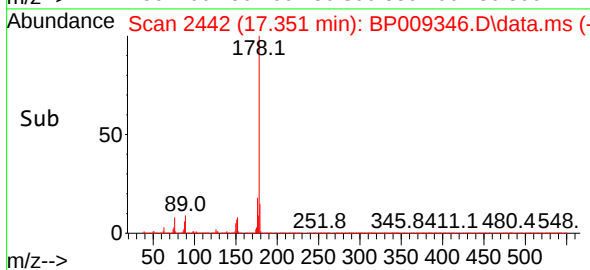
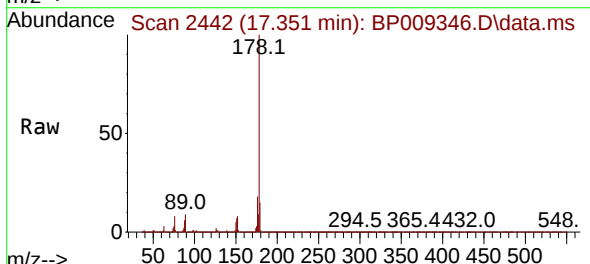
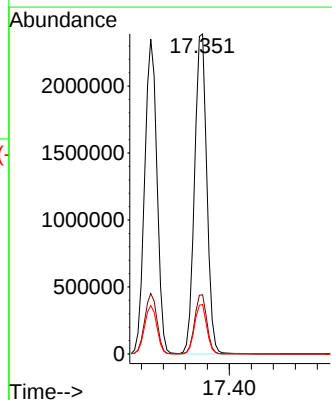
Manual Integrations
APPROVED

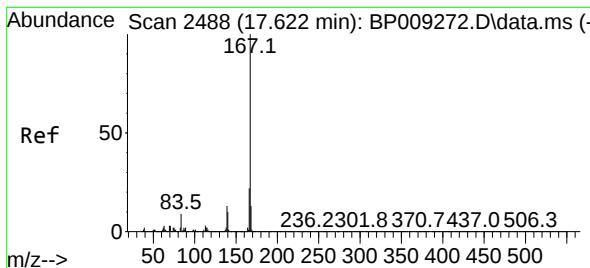
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#72
Anthracene
Concen: 46.765 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

Tgt Ion:178 Resp: 3689708
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.2 18.4





#73

Carbazole

Concen: 46.556 ng

RT: 17.622 min Scan# 2488

Delta R.T. 0.000 min

Lab File: BP009346.D

Acq: 10 Mar 2022 16:09

Instrument :

BNA_P

ClientSampleId :

MB-B2-030922-2-4MSD

Tgt Ion:167 Resp: 3346978

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

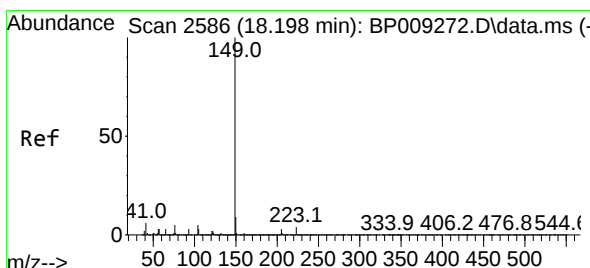
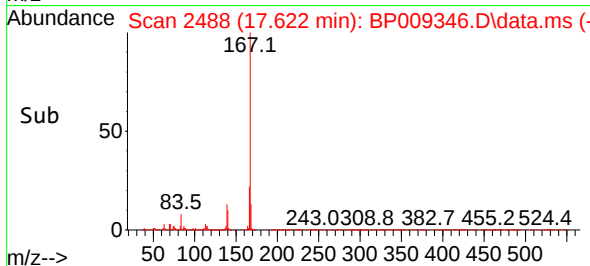
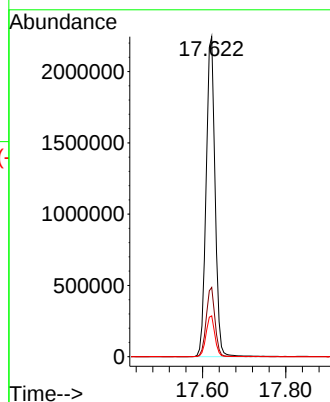
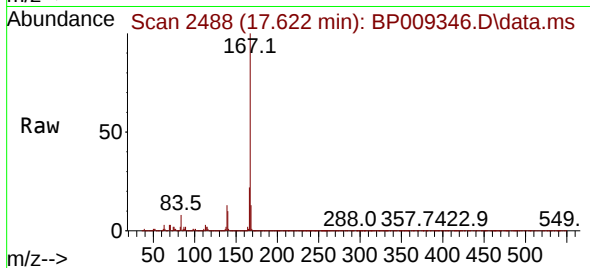
139 12.7 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/11/2022

Supervised By :Jagrut Upadhyay 03/11/2022



#74

Di-n-butylphthalate

Concen: 48.954 ng

RT: 18.186 min Scan# 2584

Delta R.T. -0.012 min

Lab File: BP009346.D

Acq: 10 Mar 2022 16:09

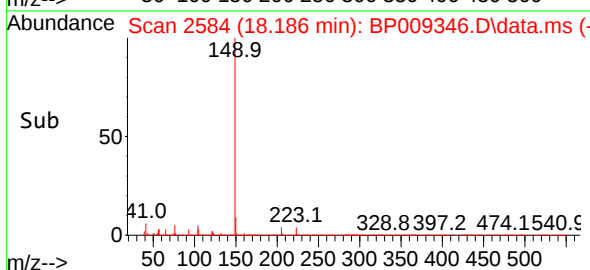
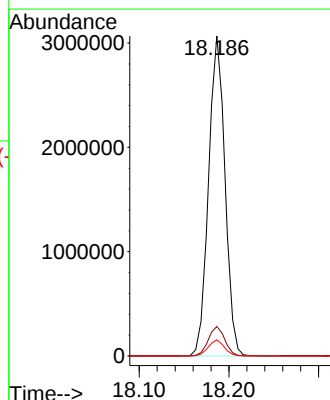
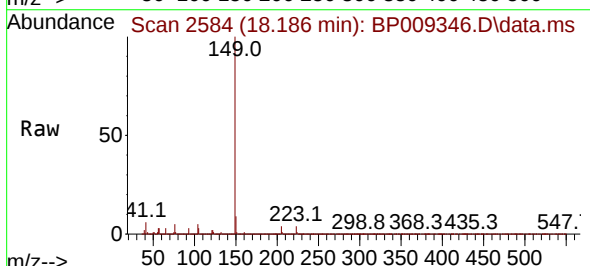
Tgt Ion:149 Resp: 3895262

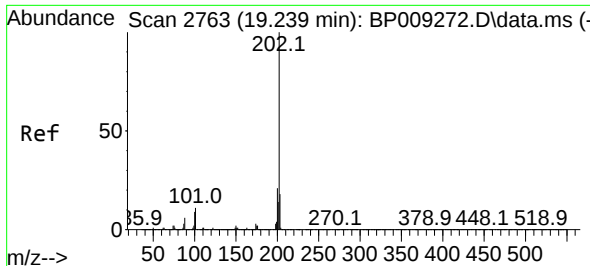
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

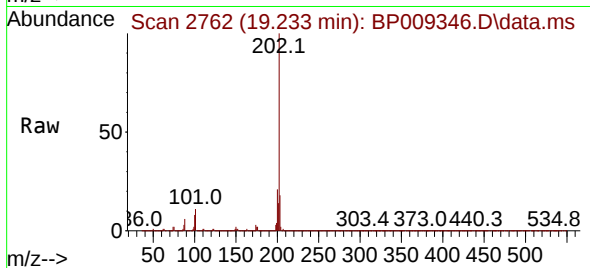
104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 46.648 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

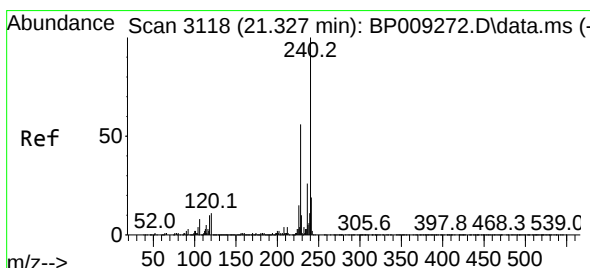
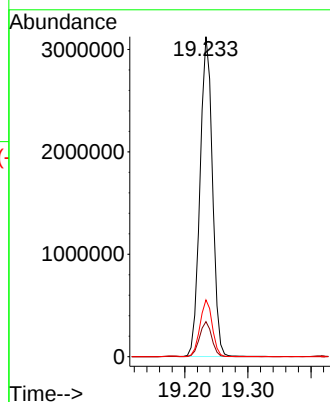
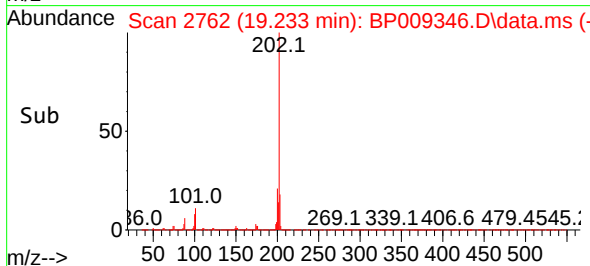
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion:202 Resp: 426788
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.5
203 17.7 0.0 37.8

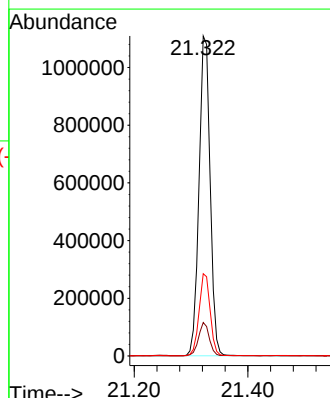
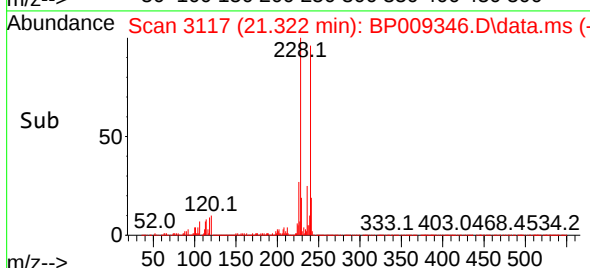
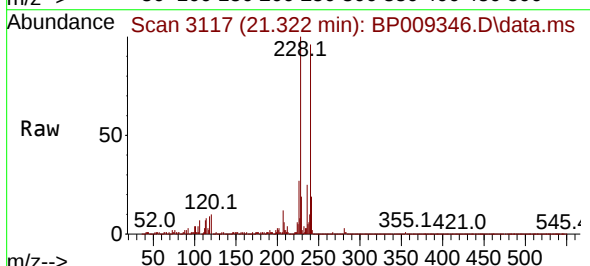
Manual Integrations
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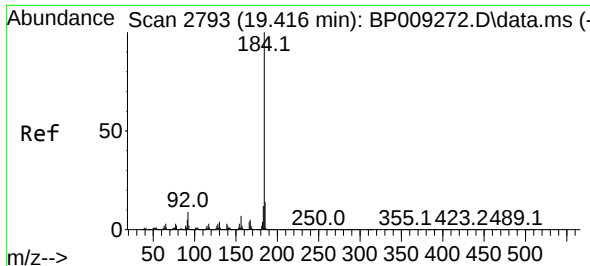
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

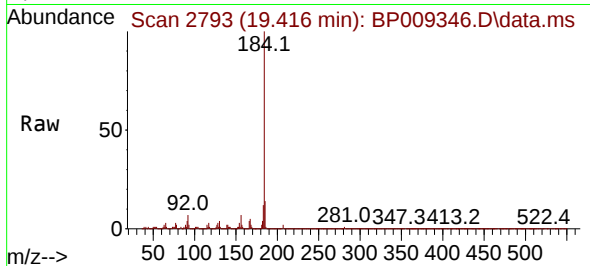
Tgt Ion:240 Resp: 1512407
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 25.7 20.6 30.8





#77
Benzidine
Concen: 28.987 ng
RT: 19.416 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

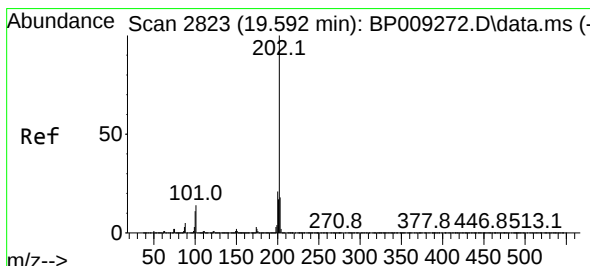
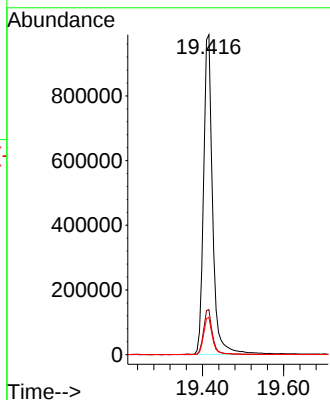
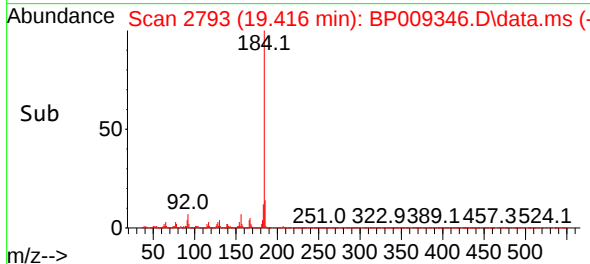
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion:184 Resp: 153017
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.7 9.4 14.0

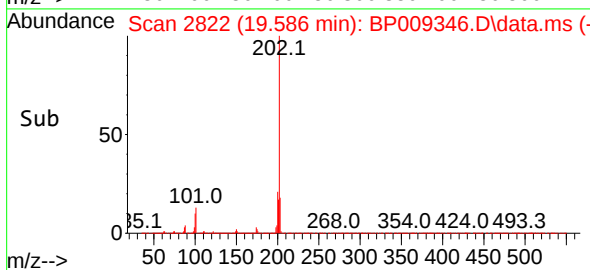
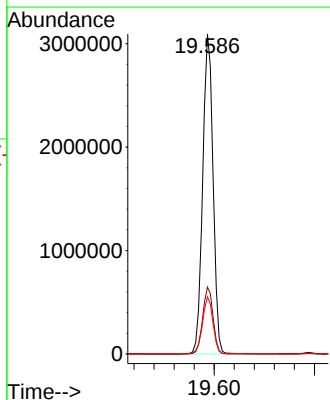
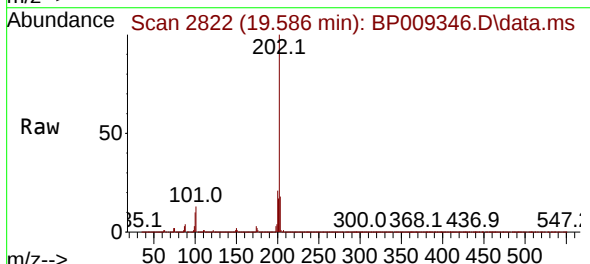
Manual Integrations
APPROVED

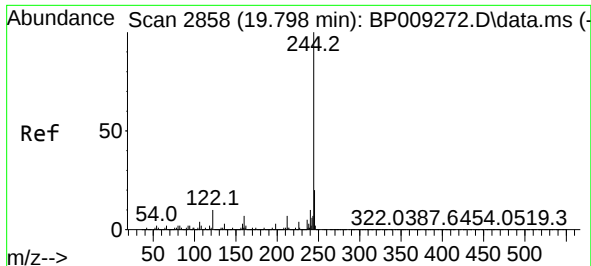
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#78
Pyrene
Concen: 43.459 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

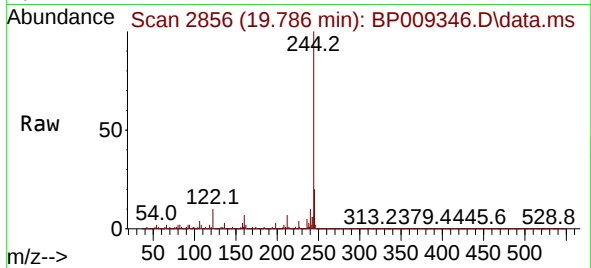
Tgt Ion:202 Resp: 4437722
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.9 14.2 21.4





#79
 Terphenyl-d14
 Concen: 59.903 ng
 RT: 19.786 min Scan# 2856
 Delta R.T. -0.012 min
 Lab File: BP009346.D
 Acq: 10 Mar 2022 16:09

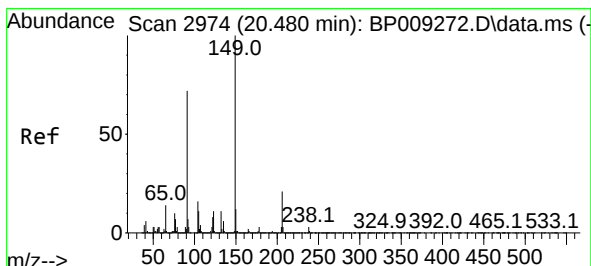
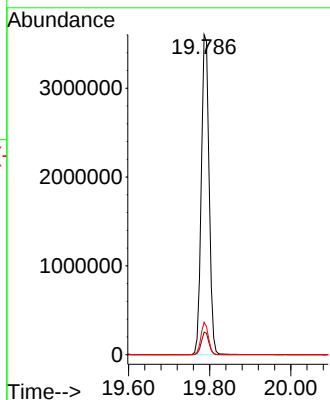
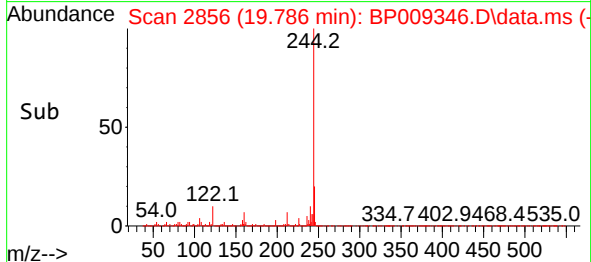
Instrument :
 BNA_P
 ClientSampleId :
 MB-B2-030922-2-4MSD



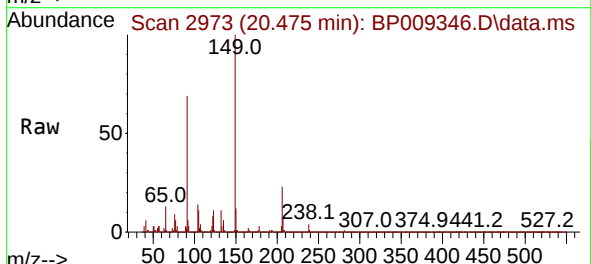
Tgt Ion:244 Resp: 4800789
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.1 8.3 12.5

Manual Integrations
 APPROVED

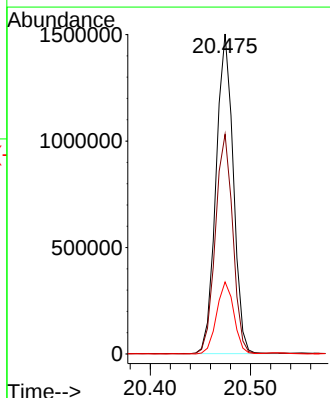
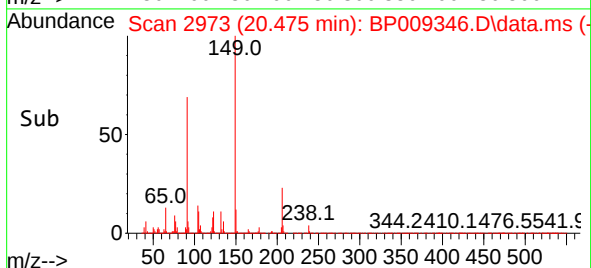
Reviewed By :Christian Giraldo 03/11/2022
 Supervised By :Jagrut Upadhyay 03/11/2022

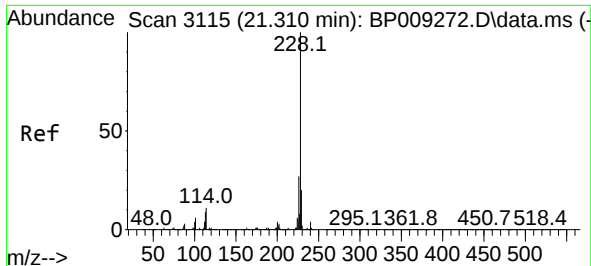


#80
 Butylbenzylphthalate
 Concen: 48.657 ng
 RT: 20.475 min Scan# 2973
 Delta R.T. -0.006 min
 Lab File: BP009346.D
 Acq: 10 Mar 2022 16:09



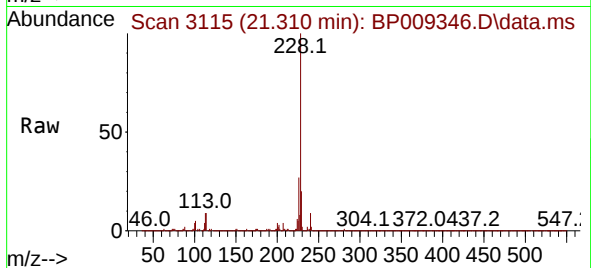
Tgt Ion:149 Resp: 1793397
 Ion Ratio Lower Upper
 149 100
 91 68.7 57.9 86.9
 206 22.5 16.9 25.3





#81
Benzo(a)anthracene
Concen: 47.314 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

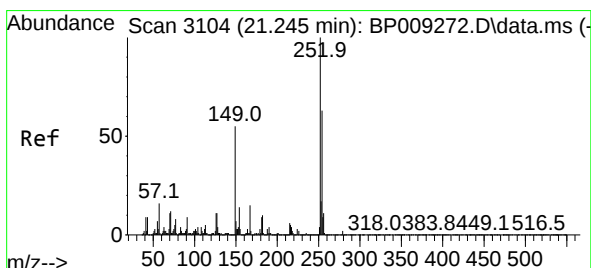
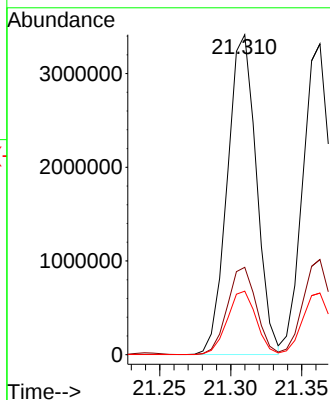
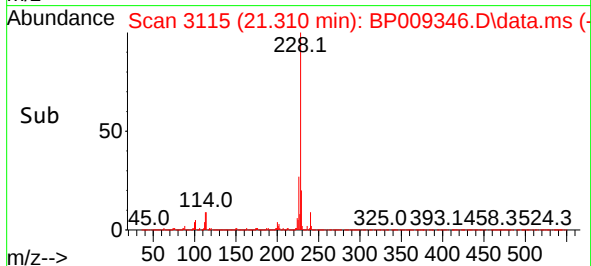
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion:228 Resp: 4850120
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 19.8 16.1 24.1

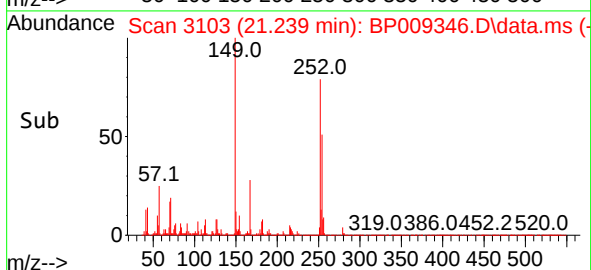
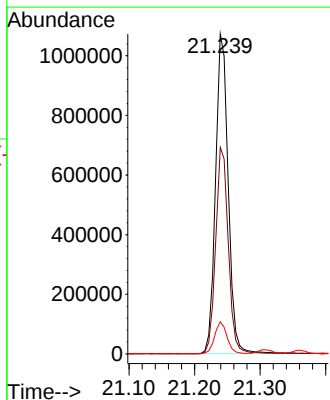
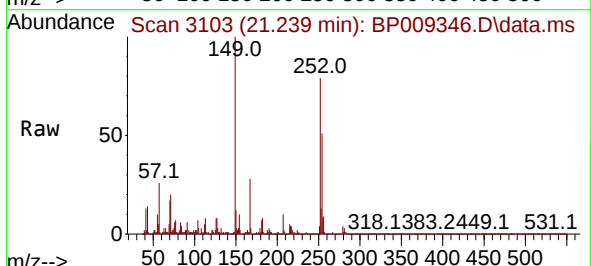
Manual Integrations
APPROVED

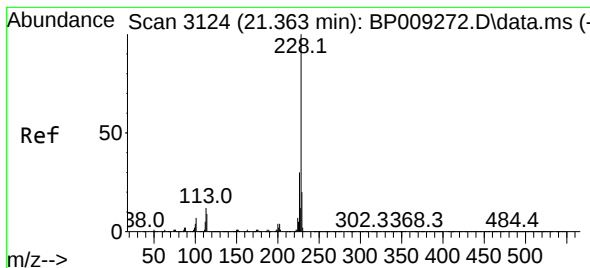
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#82
3,3'-Dichlorobenzidine
Concen: 38.084 ng
RT: 21.239 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

Tgt Ion:252 Resp: 1433095
Ion Ratio Lower Upper
252 100
254 64.5 50.7 76.1
126 10.0 8.9 13.3





#83

Chrysene

Concen: 45.572 ng

RT: 21.363 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP009346.D

Acq: 10 Mar 2022 16:09

Instrument :

BNA_P

ClientSampleId :

MB-B2-030922-2-4MSD

Tgt Ion:228 Resp: 4535650

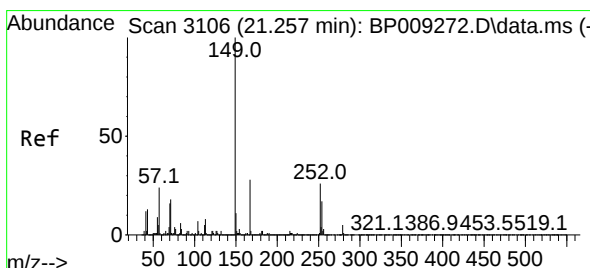
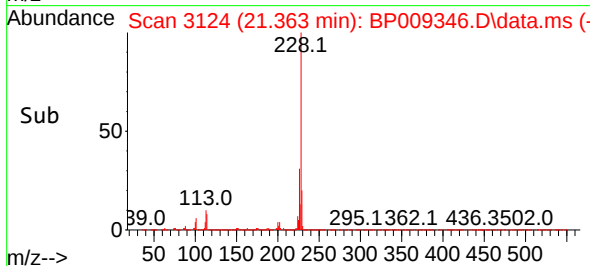
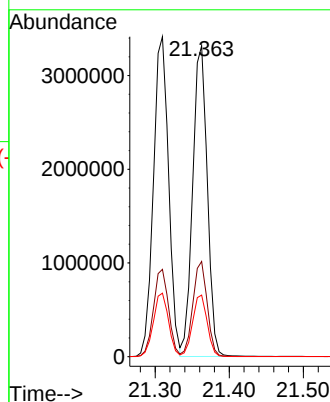
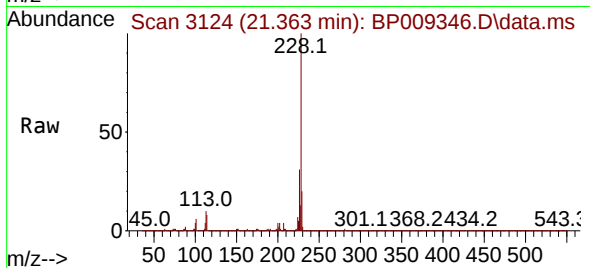
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	19.8	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/11/2022

Supervised By :Jagrut Upadhyay 03/11/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.917 ng

RT: 21.245 min Scan# 3104

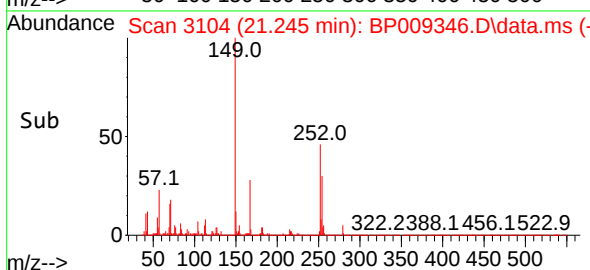
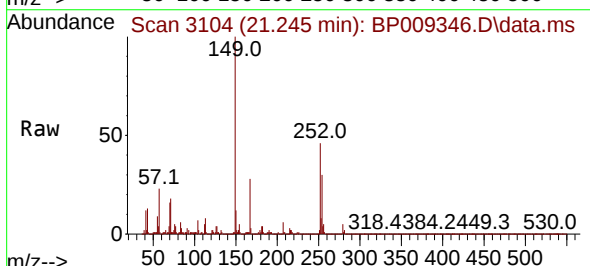
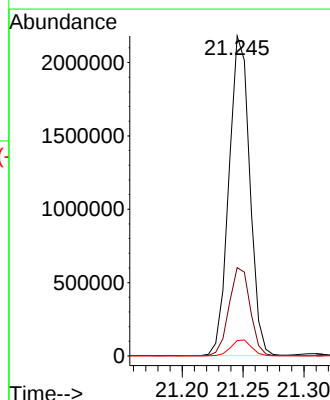
Delta R.T. -0.012 min

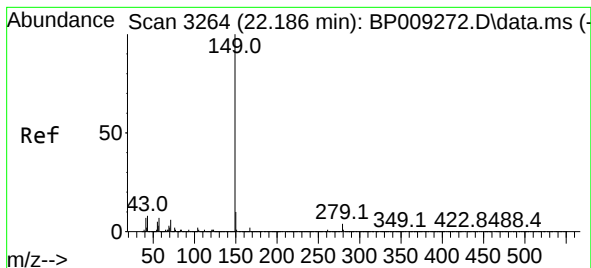
Lab File: BP009346.D

Acq: 10 Mar 2022 16:09

Tgt Ion:149 Resp: 2588844

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.6	33.8
279	4.8	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 49.480 ng

RT: 22.174 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP009346.D

Acq: 10 Mar 2022 16:09

Instrument :

BNA_P

ClientSampleId :

MB-B2-030922-2-4MSD

Tgt Ion:149 Resp: 477534

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

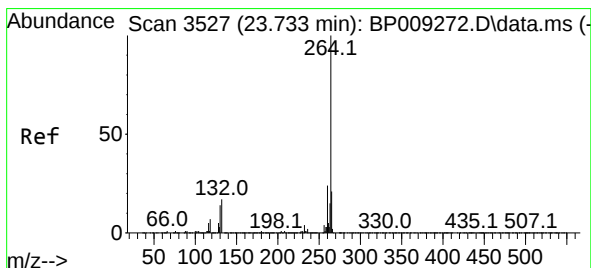
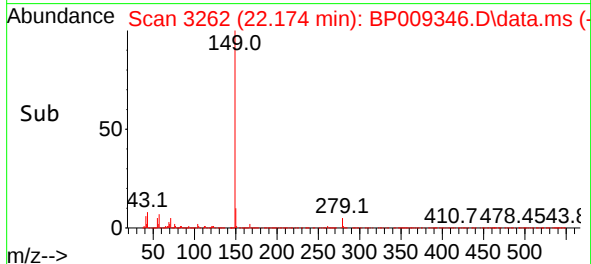
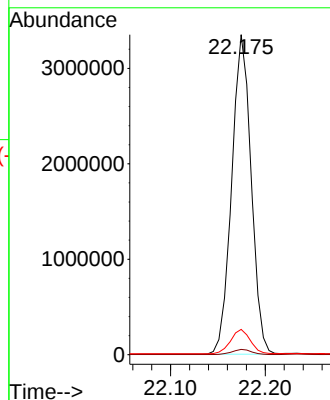
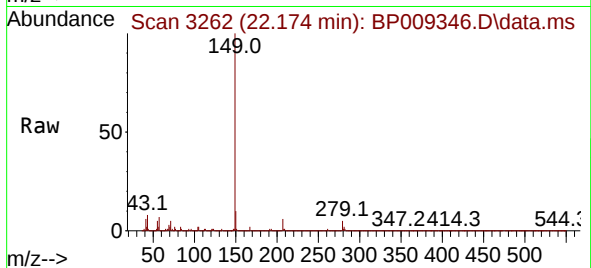
43 7.6 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/11/2022

Supervised By :Jagrut Upadhyay 03/11/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BP009346.D

Acq: 10 Mar 2022 16:09

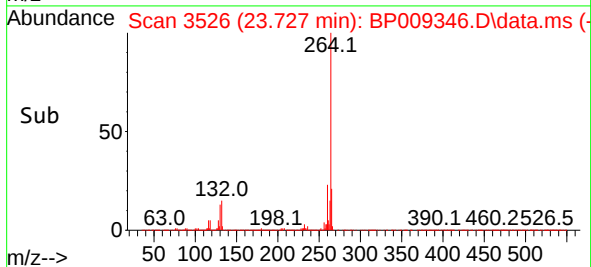
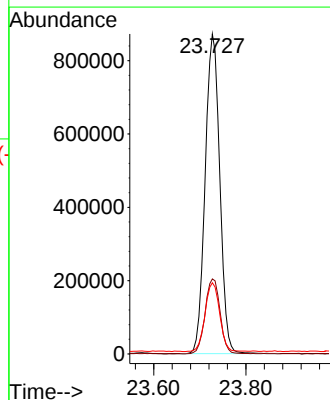
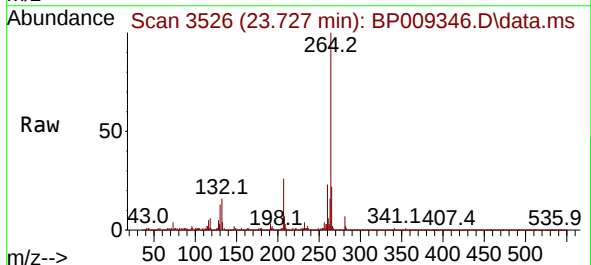
Tgt Ion:264 Resp: 1928601

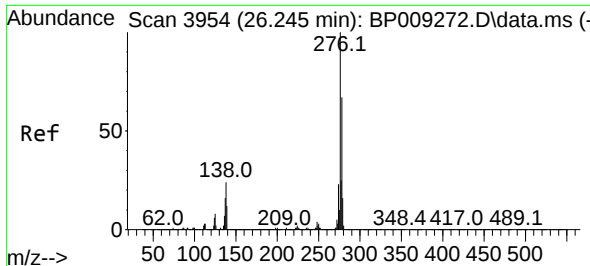
Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

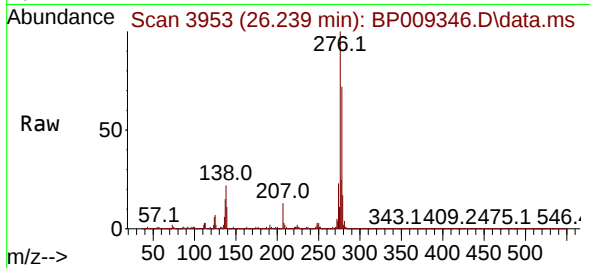
265 22.3 17.2 25.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.585 ng
 RT: 26.239 min Scan# 3953
 Delta R.T. -0.006 min
 Lab File: BP009346.D
 Acq: 10 Mar 2022 16:09

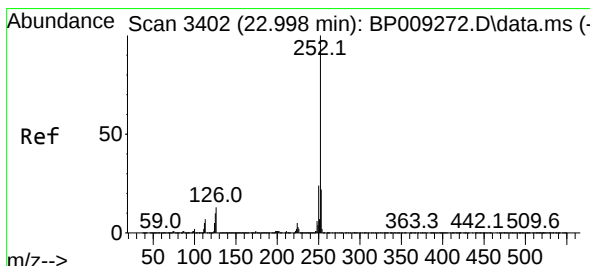
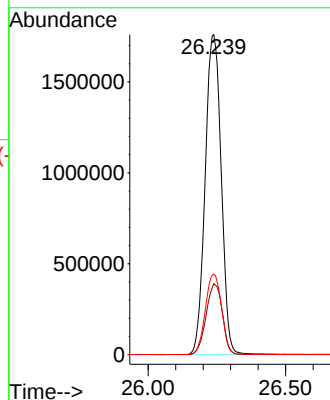
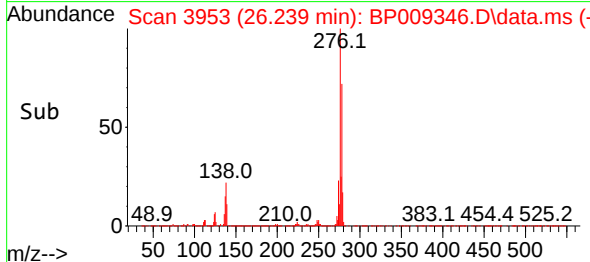
Instrument :
 BNA_P
 ClientSampleId :
 MB-B2-030922-2-4MSD



Tgt Ion: 276 Resp: 713033
 Ion Ratio Lower Upper
 276 100
 138 22.5 20.5 30.7
 277 25.3 20.4 30.6

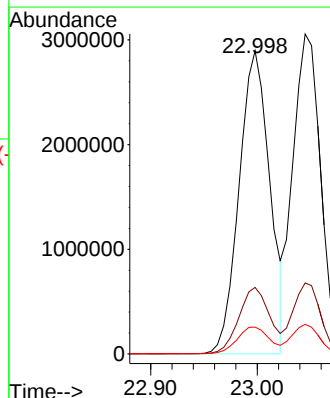
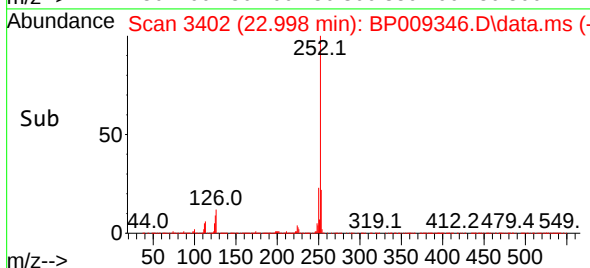
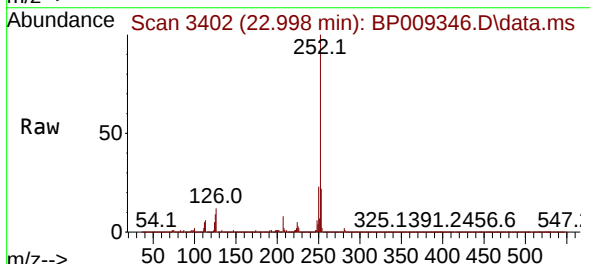
Manual Integrations
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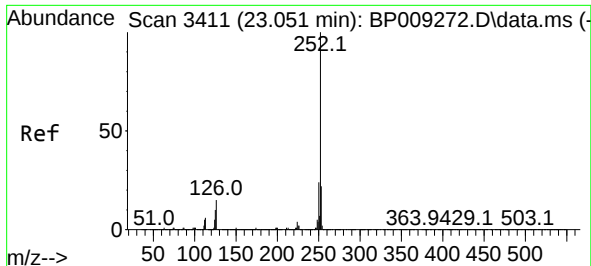
Reviewed By : Christian Giraldo 03/11/2022
 Supervised By : Jagrut Upadhyay 03/11/2022



#88
 Benzo(b)fluoranthene
 Concen: 44.457 ng
 RT: 22.998 min Scan# 3402
 Delta R.T. 0.000 min
 Lab File: BP009346.D
 Acq: 10 Mar 2022 16:09

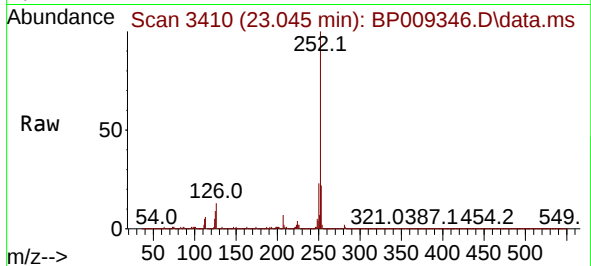
Tgt Ion: 252 Resp: 5788999
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 8.9 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 44.724 ng
RT: 23.045 min Scan# 3411
Delta R.T. -0.006 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

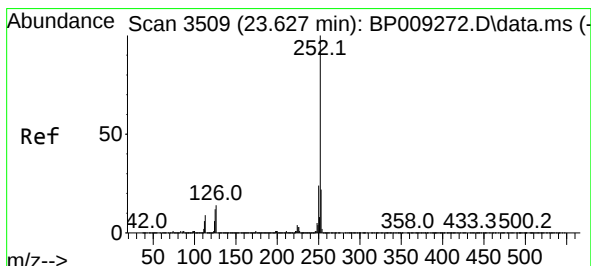
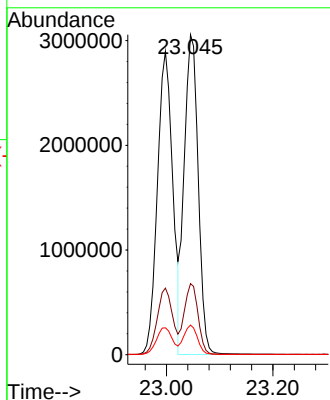
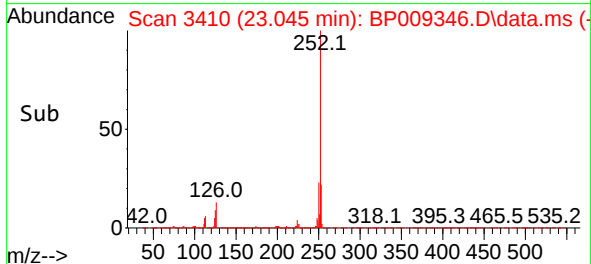
Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD



Tgt Ion:252 Resp: 556371
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.3 8.3 12.5

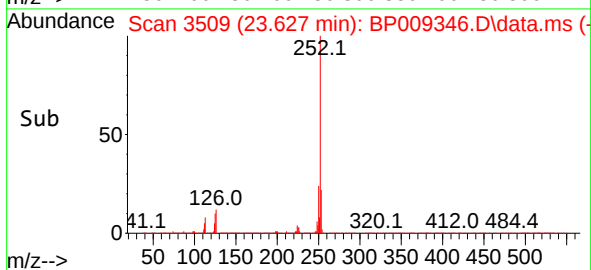
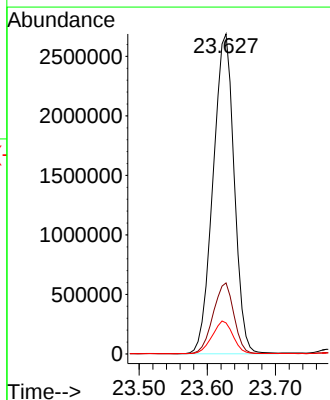
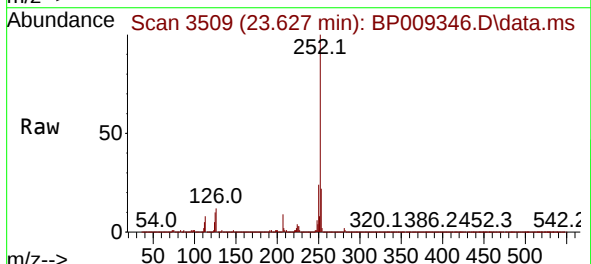
Manual Integrations
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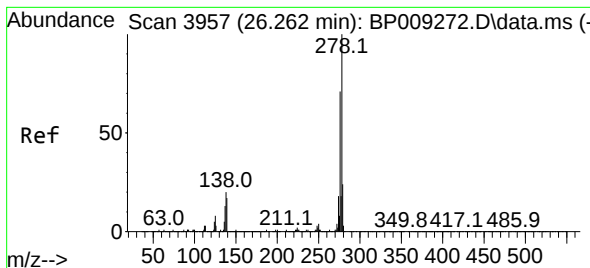
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#90
Benzo(a)pyrene
Concen: 46.905 ng
RT: 23.627 min Scan# 3509
Delta R.T. 0.000 min
Lab File: BP009346.D
Acq: 10 Mar 2022 16:09

Tgt Ion:252 Resp: 5792885
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.7 9.3 13.9





#91

Dibenzo(a,h)anthracene

Concen: 49.050 ng

RT: 26.257 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BP009346.D

Acq: 10 Mar 2022 16:09

Instrument :

BNA_P

ClientSampleId :

MB-B2-030922-2-4MSD

Tgt Ion:278 Resp: 6232229

Ion Ratio Lower Upper

278 100

139 14.4 13.2 19.8

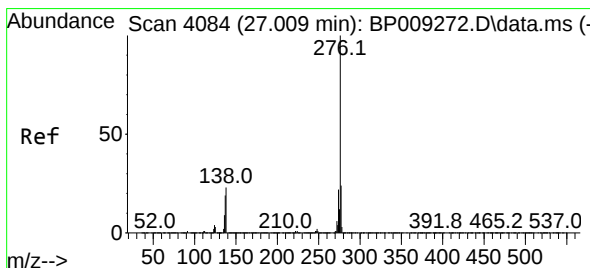
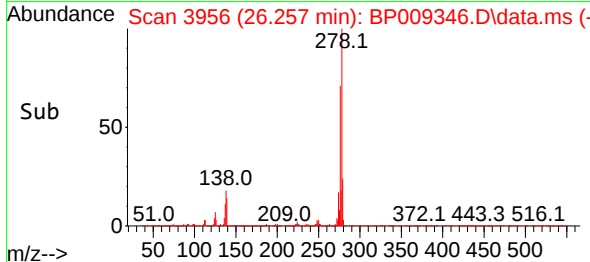
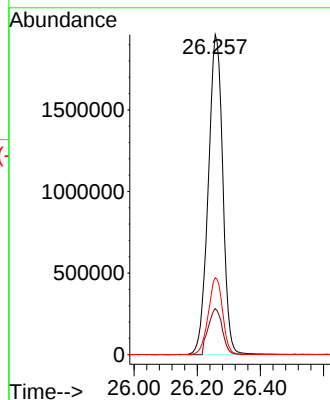
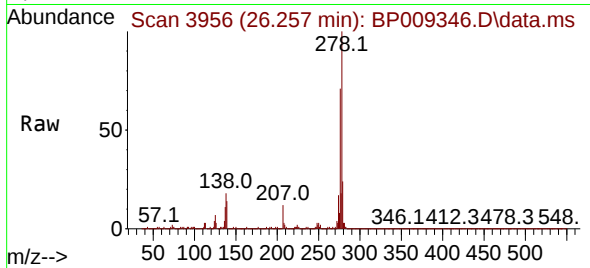
279 24.0 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/11/2022

Supervised By :Jagrut Upadhyay 03/11/2022



#92

Benzo(g,h,i)perylene

Concen: 49.392 ng

RT: 27.010 min Scan# 4084

Delta R.T. 0.000 min

Lab File: BP009346.D

Acq: 10 Mar 2022 16:09

Tgt Ion:276 Resp: 6199750

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 19.0 18.0 27.0

