

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
 Data File : BP009369.D
 Acq On : 11 Mar 2022 17:32
 Operator : CG/JU
 Sample : N1884-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-03-031022MSD

Quant Time: Mar 12 04:51:01 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

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/14/2022
 Supervised By : Jagrut Upadhyay 03/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	322559	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1216845	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	700922	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1375046	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1362467	20.000	ng	0.00
86) Perylene-d12	23.733	264	1630390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2361881	106.883	ng	0.01
7) Phenol-d6	7.005	99	2913510	103.751	ng	0.02
23) Nitrobenzene-d5	8.969	82	1802037	81.567	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1190885	140.706	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	3934470	77.194	ng	0.00
79) Terphenyl-d14	19.792	244	5382215	74.548	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	299376	31.827	ng	98
3) Pyridine	3.740	79	823517	41.077	ng	98
4) n-Nitrosodimethylamine	3.646	42	343633	41.099	ng	98
6) Aniline	7.146	93	512892	14.419	ng	99
8) 2-Chlorophenol	7.387	128	975966	43.116	ng	98
9) Benzaldehyde	6.958	77	557613m	31.165	ng	
10) Phenol	7.034	94	1182745	40.673	ng	98
11) bis(2-Chloroethyl)ether	7.240	93	890000	39.548	ng	97
12) 1,3-Dichlorobenzene	7.705	146	1068800	40.078	ng	98
13) 1,4-Dichlorobenzene	7.852	146	1083902	40.058	ng	100
14) 1,2-Dichlorobenzene	8.169	146	1027745	39.742	ng	99
15) Benzyl Alcohol	8.063	79	827219	41.770	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.352	45	964691	33.025	ng	97
17) 2-Methylphenol	8.275	107	773081	41.070	ng	99
18) Hexachloroethane	8.893	117	372461	39.551	ng	94
19) n-Nitroso-di-n-propyla...	8.628	70	661081	39.033	ng	97
20) 3+4-Methylphenols	8.605	107	1038228	41.156	ng	98
22) Acetophenone	8.640	105	1342468	41.271	ng	# 98
24) Nitrobenzene	9.016	77	1013969	43.306	ng	97
25) Isophorone	9.546	82	1804041	43.655	ng	97
26) 2-Nitrophenol	9.722	139	495483	54.627	ng	97
27) 2,4-Dimethylphenol	9.799	122	839396	42.076	ng	100
28) bis(2-Chloroethoxy)met...	10.028	93	1112237	41.128	ng	98
29) 2,4-Dichlorophenol	10.269	162	870192	45.226	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	975479	43.316	ng	98
31) Naphthalene	10.663	128	2774873	41.178	ng	100
32) Benzoic acid	9.957	122	554241	54.702	ng	94
33) 4-Chloroaniline	10.775	127	318485	11.559	ng	98
34) Hexachlorobutadiene	10.957	225	630047	45.942	ng	99
35) Caprolactam	11.569	113	251531	44.413	ng	94
36) 4-Chloro-3-methylphenol	11.916	107	872702	43.451	ng	100
37) 2-Methylnaphthalene	12.275	142	1887059	39.414	ng	100
38) 1-Methylnaphthalene	12.493	142	1804534	40.924	ng	100
40) 1,2,4,5-Tetrachloroben...	12.646	216	1073507	45.448	ng	99
41) Hexachlorocyclopentadiene	12.634	237	788436	52.701	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	694090	48.939	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	745398	47.915	ng	98
46) 1,1'-Biphenyl	13.293	154	2421058	42.307	ng	99
47) 2-Chloronaphthalene	13.328	162	1878534	43.338	ng	99
48) 2-Nitroaniline	13.534	65	515086	51.682	ng	98
49) Acenaphthylene	14.175	152	3028624	45.221	ng	100
50) Dimethylphthalate	13.916	163	2232837	43.190	ng	100
51) 2,6-Dinitrotoluene	14.034	165	500076	48.983	ng	95
52) Acenaphthene	14.522	154	1795545m	41.831	ng	
53) 3-Nitroaniline	14.363	138	246230	22.706	ng	95
54) 2,4-Dinitrophenol	14.569	184	145317	33.243	ng	94
55) Dibenzofuran	14.857	168	2735409	42.069	ng	99
56) 4-Nitrophenol	14.698	139	834674	92.550	ng	98
57) 2,4-Dinitrotoluene	14.822	165	663306	50.743	ng	95
58) Fluorene	15.510	166	2153918	42.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	629912	48.089	ng	93
60) Diethylphthalate	15.287	149	2196356	43.636	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	1143993	44.108	ng	97
62) 4-Nitroaniline	15.528	138	465407	44.257	ng	98
63) Azobenzene	15.798	77	1989565	40.234	ng	97
65) 4,6-Dinitro-2-methylph...	15.592	198	145012	23.976	ng	96
66) n-Nitrosodiphenylamine	15.722	169	1887251	43.723	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	733742	49.460	ng	96
68) Hexachlorobenzene	16.522	284	832267	47.830	ng	98
69) Atrazine	16.686	200	696515	45.841	ng	98
70) Pentachlorophenol	16.875	266	1004491	95.913	ng	98
71) Phenanthrene	17.257	178	3324046	42.063	ng	99
72) Anthracene	17.351	178	3353084	42.629	ng	100
73) Carbazole	17.628	167	3057938	42.666	ng	100
74) Di-n-butylphthalate	18.186	149	3660278	46.142	ng	99
75) Fluoranthene	19.239	202	3804638	41.712	ng	98
77) Benzidine	19.416	184	1916076	40.291	ng	100
78) Pyrene	19.592	202	3902141	42.419	ng	100
80) Butylbenzylphthalate	20.475	149	1605221	48.345	ng	96
81) Benzo(a)anthracene	21.310	228	4060652	43.972	ng	100
82) 3,3'-Dichlorobenzidine	21.245	252	1400178	41.305	ng	98
83) Chrysene	21.363	228	3707275	41.348	ng	100
84) Bis(2-ethylhexyl)phtha...	21.251	149	2271447	42.774	ng	99
85) Di-n-octyl phthalate	22.174	149	4067607	46.785	ng	97
87) Indeno(1,2,3-cd)pyrene	26.251	276	5413875	42.739	ng	96
88) Benzo(b)fluoranthene	23.004	252	4527263	41.126	ng	99
89) Benzo(k)fluoranthene	23.051	252	4275117	40.651	ng	99
90) Benzo(a)pyrene	23.633	252	4414455	42.281	ng	98
91) Dibenzo(a,h)anthracene	26.268	278	4747428	44.198	ng	97
92) Benzo(g,h,i)perylene	27.021	276	4760169	44.860	ng #	95

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

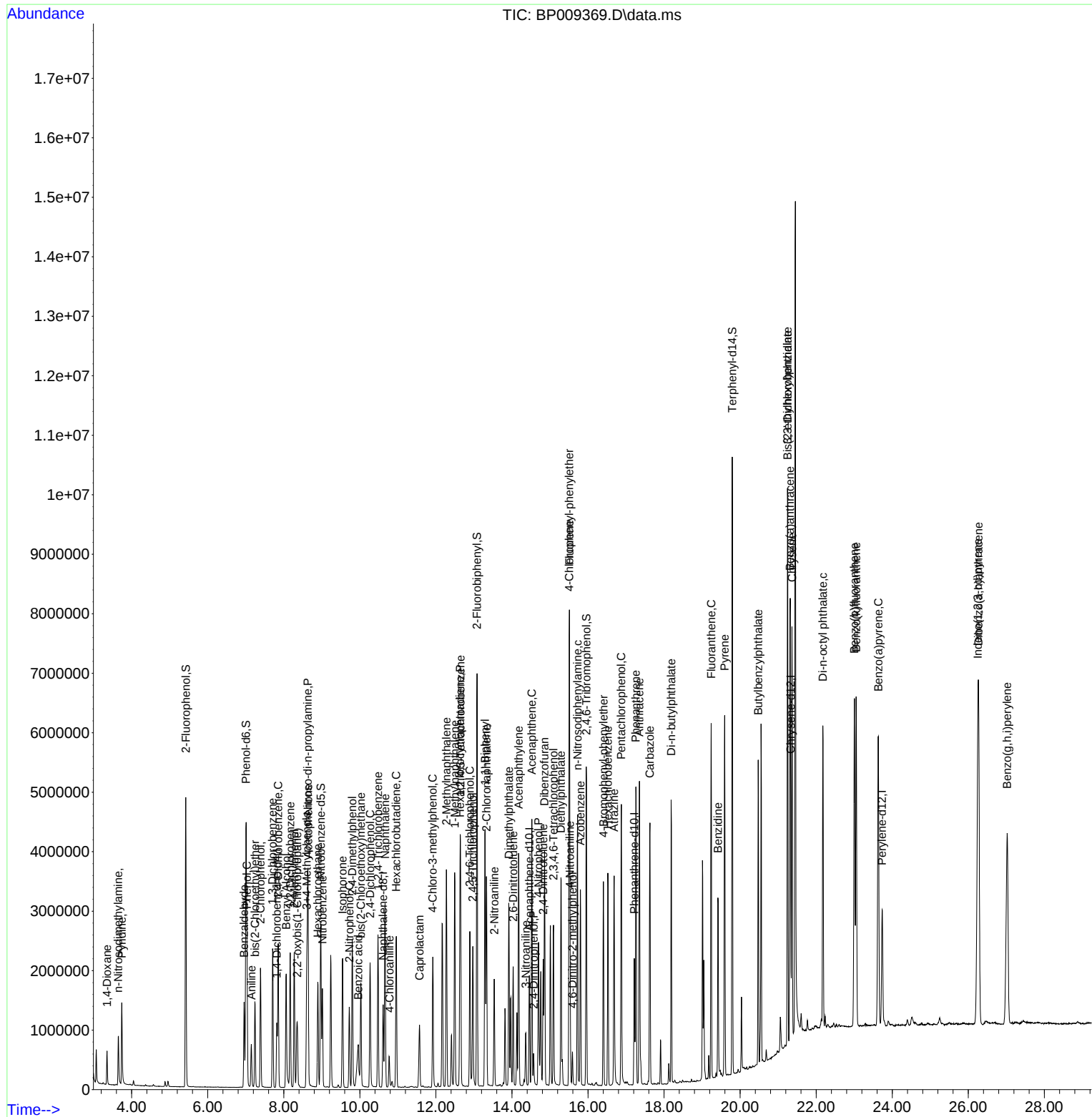
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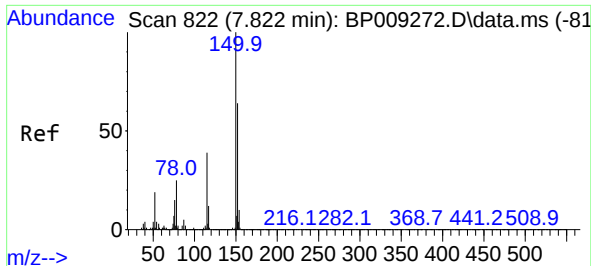
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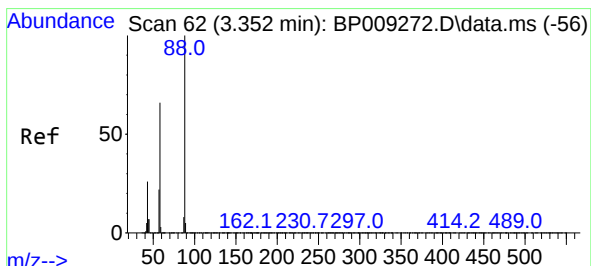
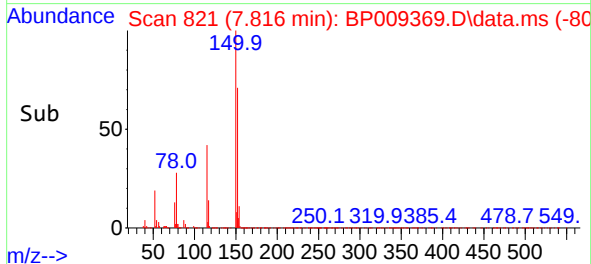
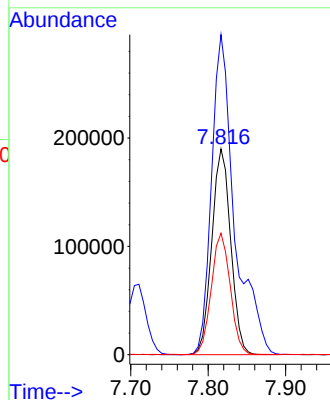
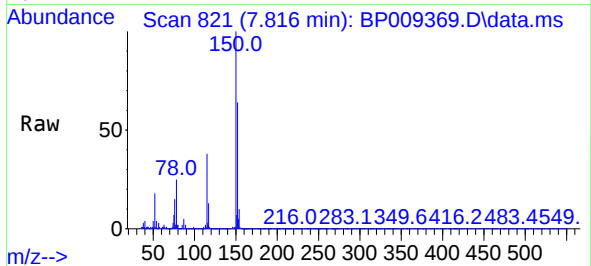
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD

Tgt Ion:152 Resp: 32255
Ion Ratio Lower Upper
152 100
150 155.5 124.5 186.7
115 59.0 48.2 72.4

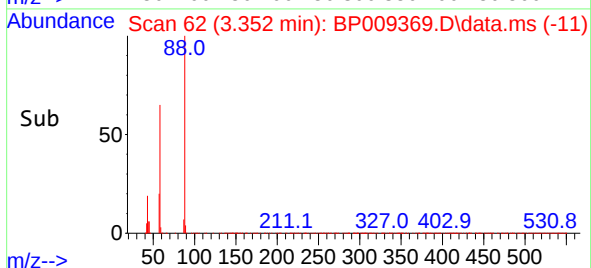
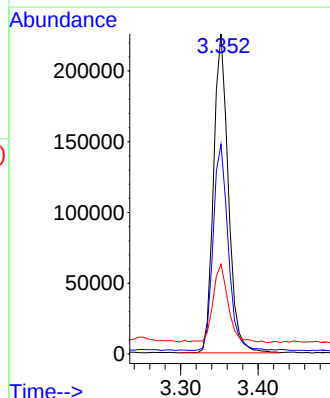
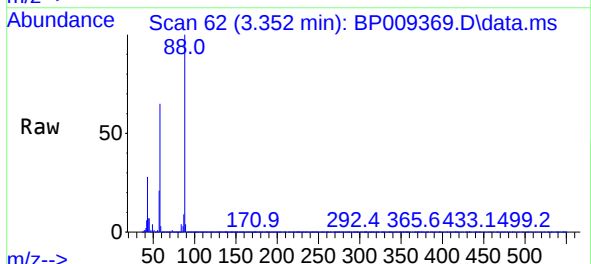
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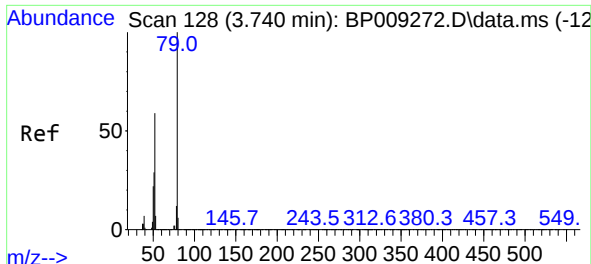
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#2
1,4-Dioxane
Concen: 31.827 ng
RT: 3.352 min Scan# 62
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

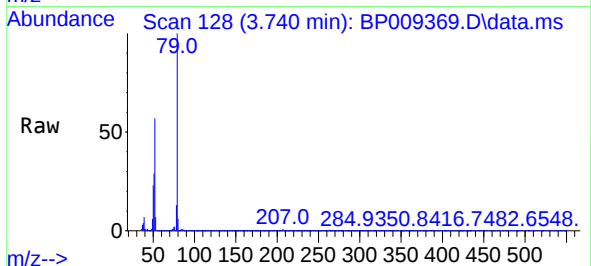
Tgt Ion: 88 Resp: 299376
Ion Ratio Lower Upper
88 100
58 65.4 54.2 81.2
43 25.3 20.4 30.6





#3
Pyridine
Concen: 41.077 ng
RT: 3.740 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

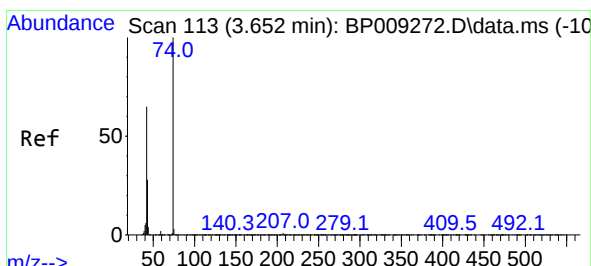
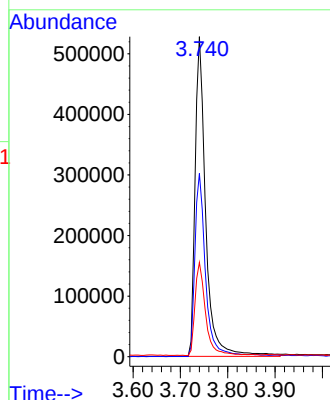
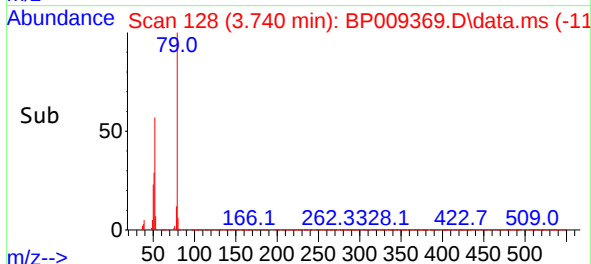
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ClientSampleId :
HR-03-031022MSD



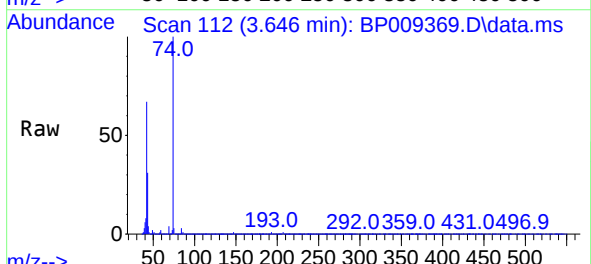
Tgt Ion: 79 Resp: 82351
Ion Ratio Lower Upper
79 100
52 57.3 47.5 71.3
51 29.5 24.1 36.1

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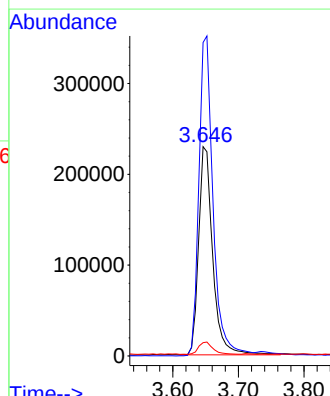
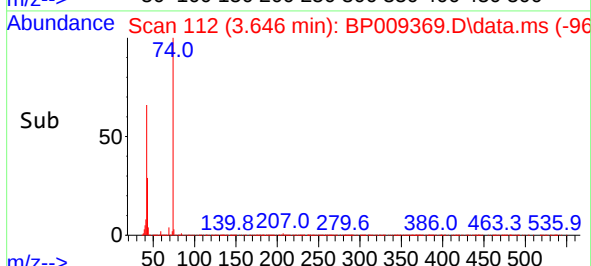
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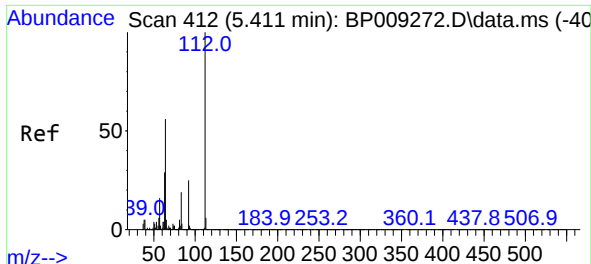


#4
n-Nitrosodimethylamine
Concen: 41.099 ng
RT: 3.646 min Scan# 112
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



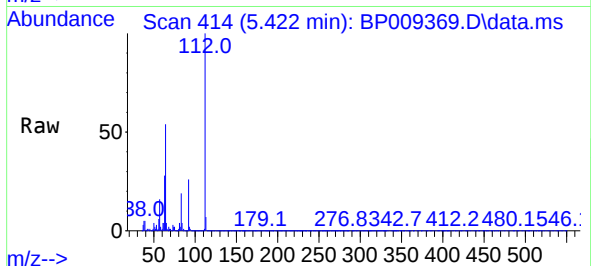
Tgt Ion: 42 Resp: 343633
Ion Ratio Lower Upper
42 100
74 149.8 122.1 183.1
44 6.4 5.8 8.8





#5
2-Fluorophenol
Concen: 106.883 ng
RT: 5.422 min Scan# 412
Delta R.T. 0.011 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

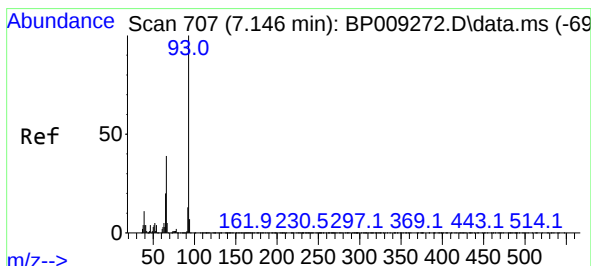
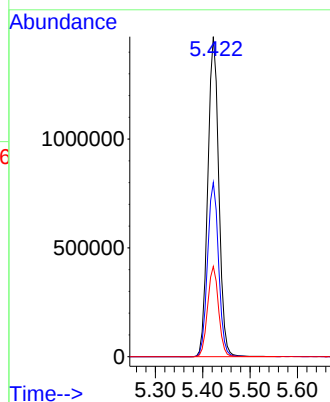
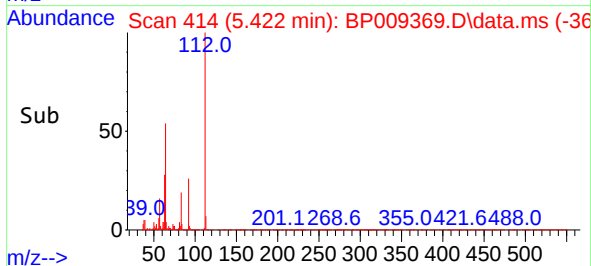
Instrument :
BNA_P
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HR-03-031022MSD



Tgt Ion:112 Resp: 236188
Ion Ratio Lower Upper
112 100
64 54.4 45.0 67.4
63 28.2 23.0 34.6

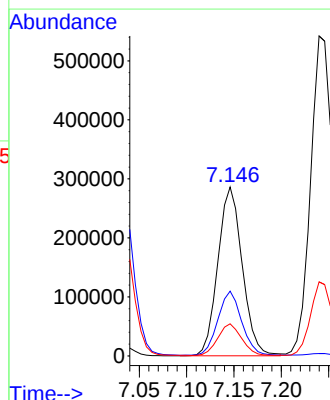
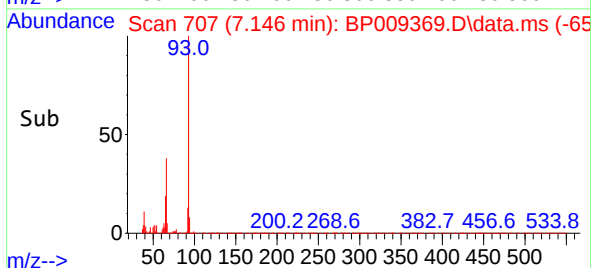
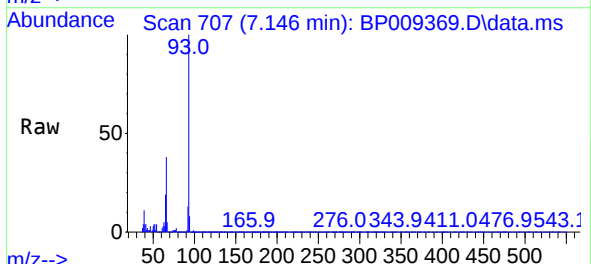
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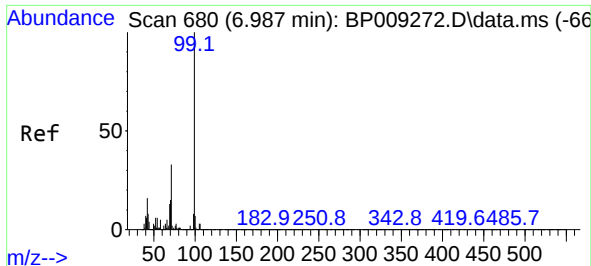
Reviewed By :Christian Giraldo 03/14/2022
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#6
Aniline
Concen: 14.419 ng
RT: 7.146 min Scan# 707
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Tgt Ion: 93 Resp: 512892
Ion Ratio Lower Upper
93 100
66 38.3 30.9 46.3
65 19.1 15.8 23.8





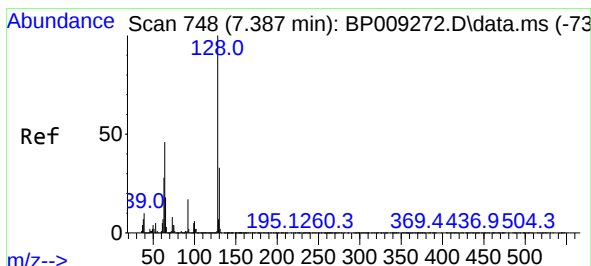
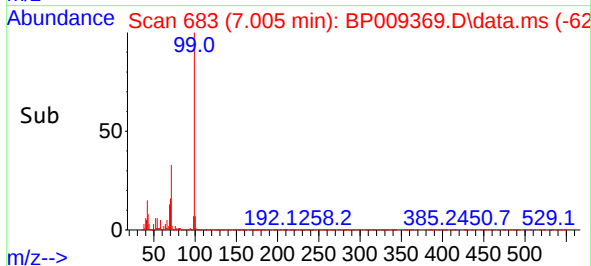
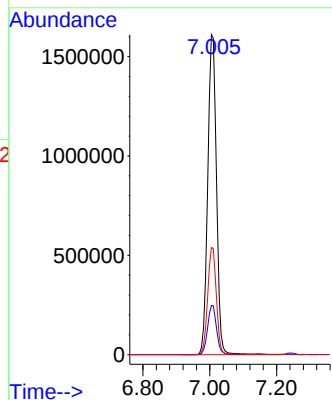
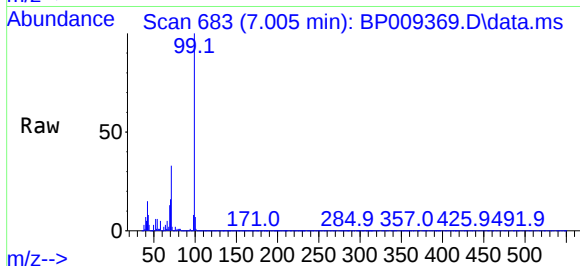
#7
Phenol-d6
Concen: 103.751 ng
RT: 7.005 min Scan# 680
Delta R.T. 0.018 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD

Tgt Ion: 99 Resp: 2913510
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.5 26.3 39.5

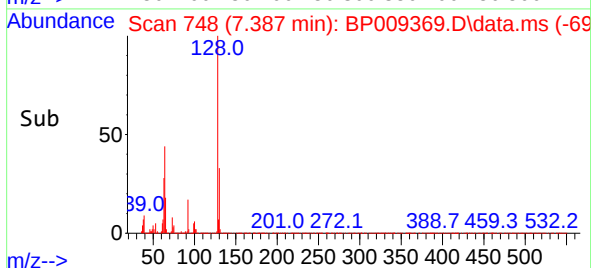
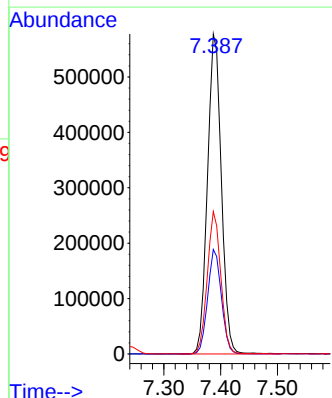
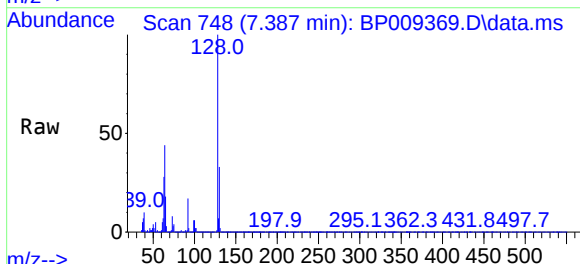
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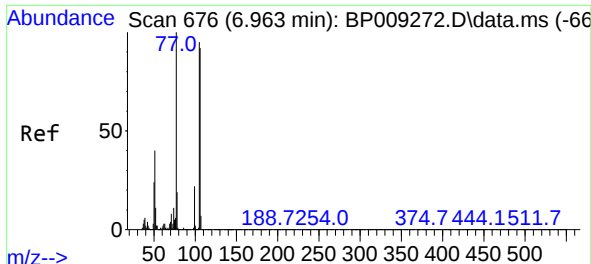
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#8
2-Chlorophenol
Concen: 43.116 ng
RT: 7.387 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP009369.D
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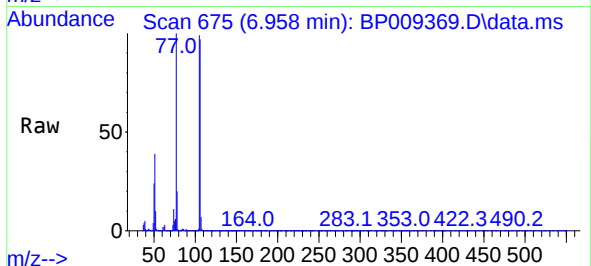
Tgt Ion:128 Resp: 975966
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 44.5 26.2 66.2





#9
Benzaldehyde
Concen: 31.165 ng m
RT: 6.958 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP009369.D
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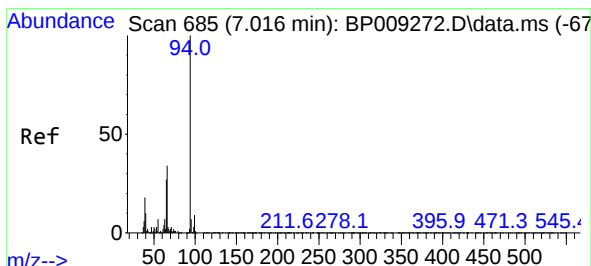
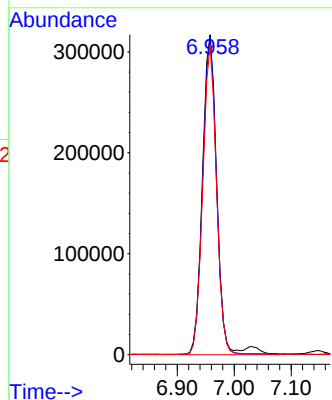
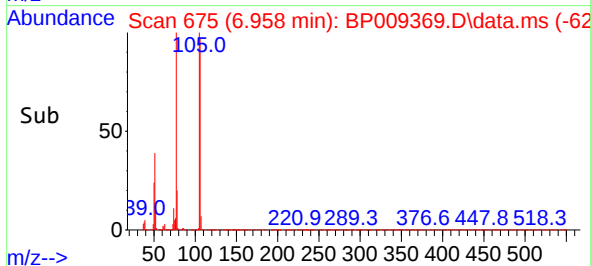
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HR-03-031022MSD



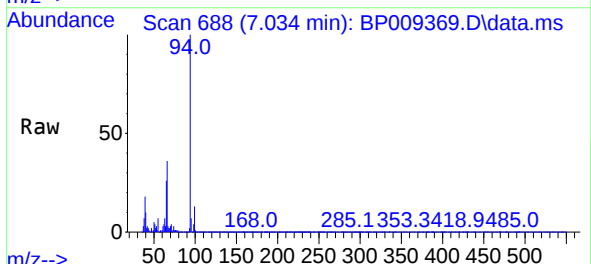
Tgt Ion: 77 Resp: 55761
Ion Ratio Lower Upper
77 100
105 99.4 75.2 115.2
106 96.6 72.3 112.3

Manual Integrations
APPROVED

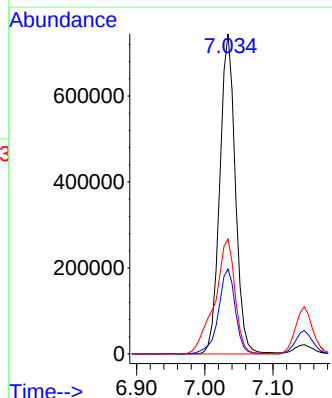
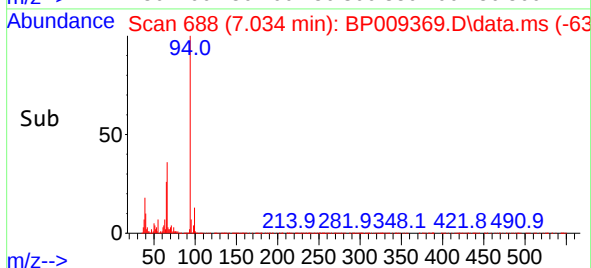
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

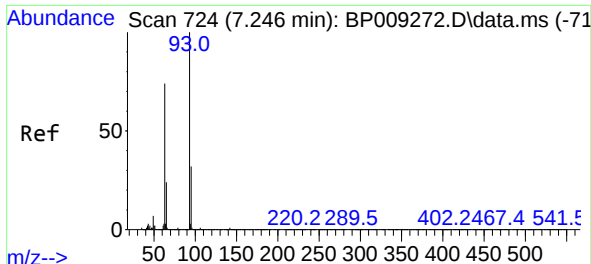


#10
Phenol
Concen: 40.673 ng
RT: 7.034 min Scan# 688
Delta R.T. 0.018 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



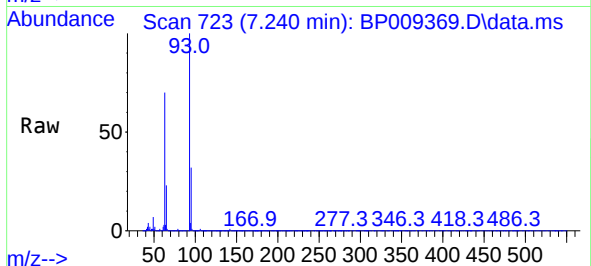
Tgt Ion: 94 Resp: 1182745
Ion Ratio Lower Upper
94 100
65 26.5 7.2 47.2
66 35.9 14.3 54.3





#11
bis(2-Chloroethyl)ether
Concen: 39.548 ng
RT: 7.240 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

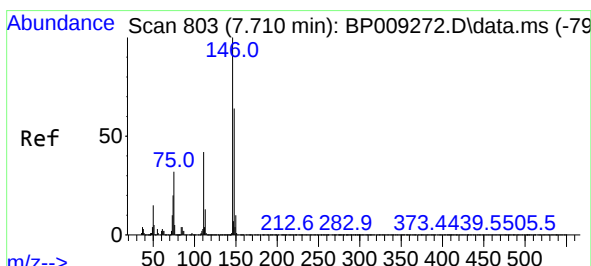
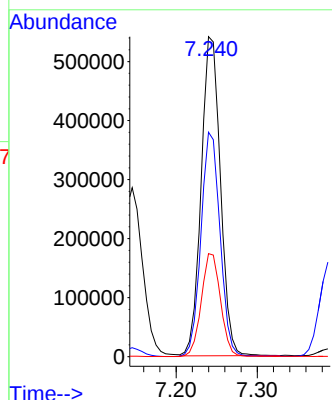
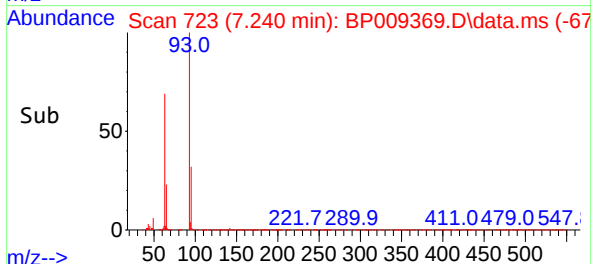
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



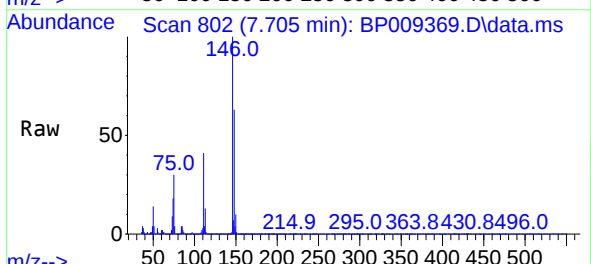
Tgt Ion: 93 Resp: 890000
Ion Ratio Lower Upper
93 100
63 70.1 53.5 93.5
95 32.2 12.0 52.0

Manual Integrations
APPROVED

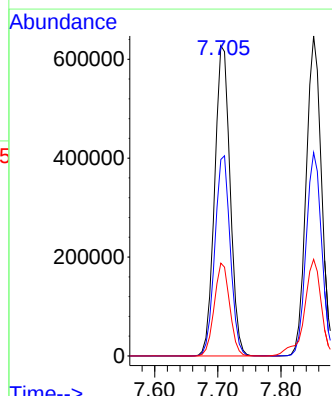
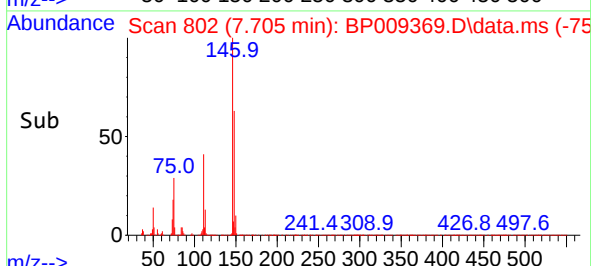
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

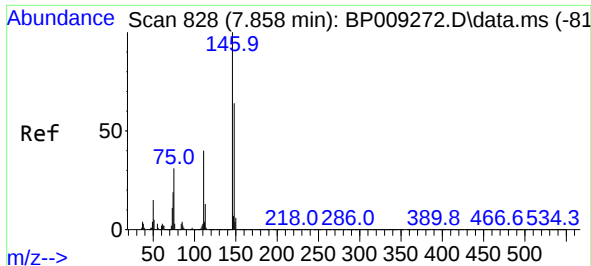


#12
1,3-Dichlorobenzene
Concen: 40.078 ng
RT: 7.705 min Scan# 802
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



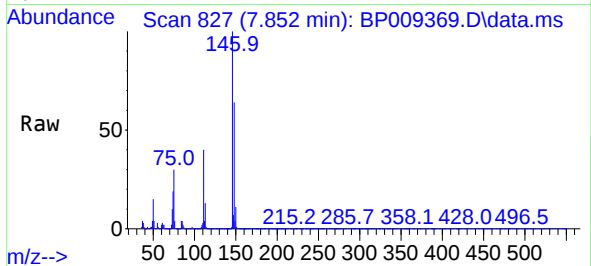
Tgt Ion:146 Resp: 1068800
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
75 29.9 25.3 37.9





#13
1,4-Dichlorobenzene
Concen: 40.058 ng
RT: 7.852 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

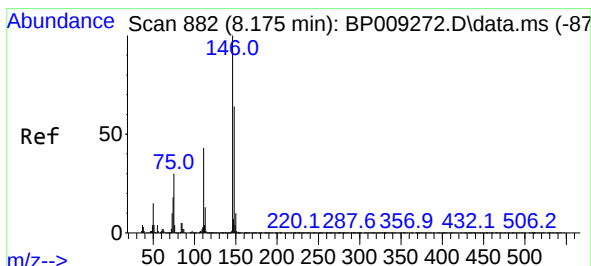
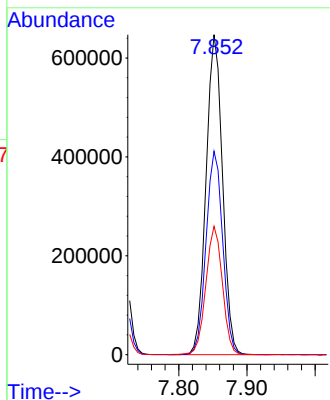
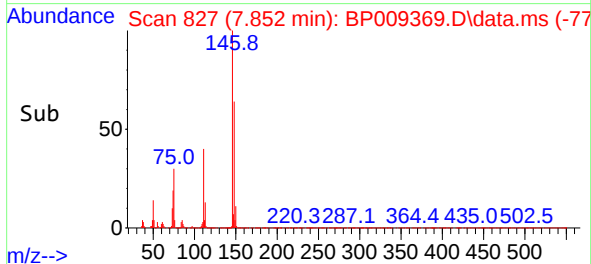
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



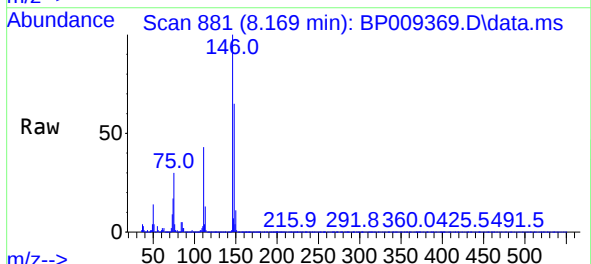
Tgt Ion:146 Resp: 108390
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 40.1 32.1 48.1

Manual Integrations
APPROVED

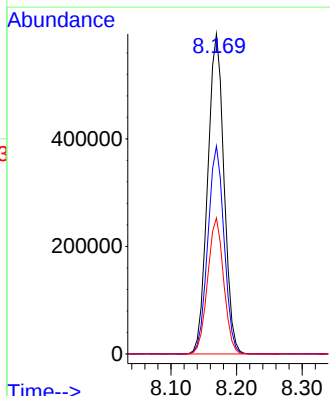
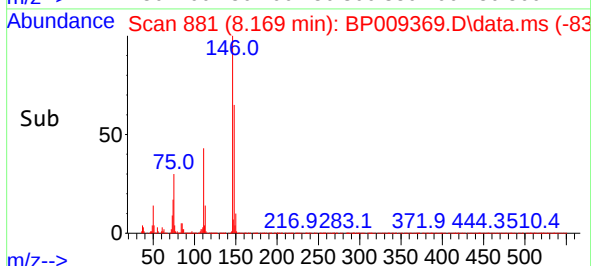
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

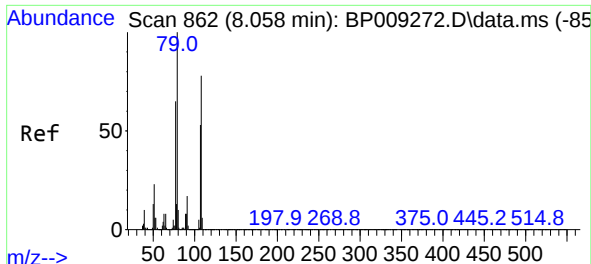


#14
1,2-Dichlorobenzene
Concen: 39.742 ng
RT: 8.169 min Scan# 881
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



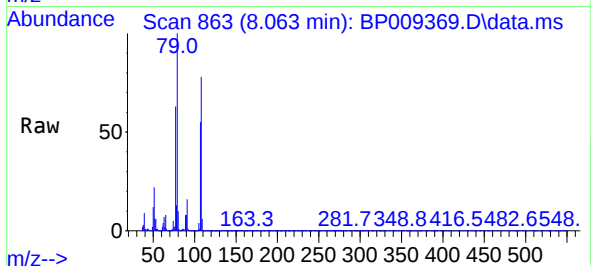
Tgt Ion:146 Resp: 1027745
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
111 42.5 34.1 51.1





#15
Benzyl Alcohol
Concen: 41.770 ng
RT: 8.063 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

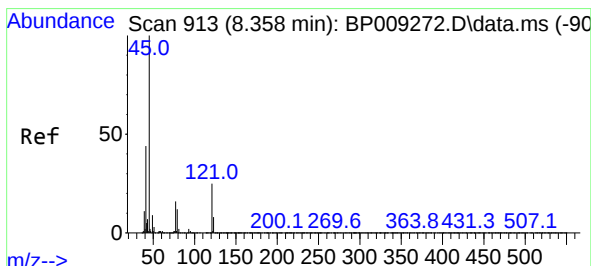
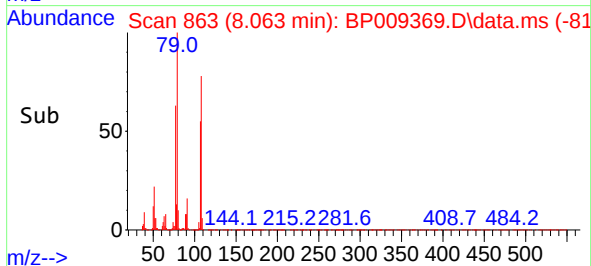
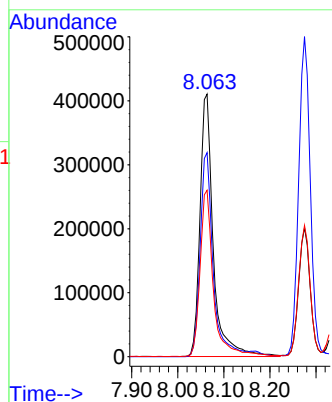
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion: 79 Resp: 827219
Ion Ratio Lower Upper
79 100
108 77.7 62.5 93.7
77 63.4 51.7 77.5

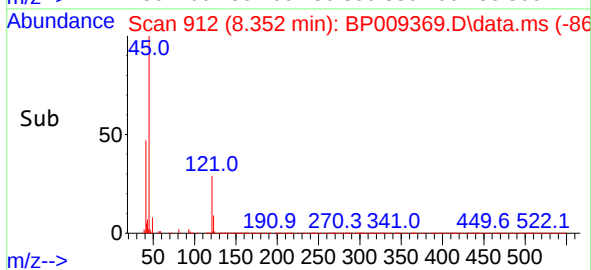
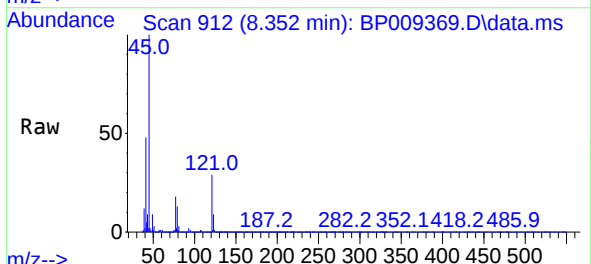
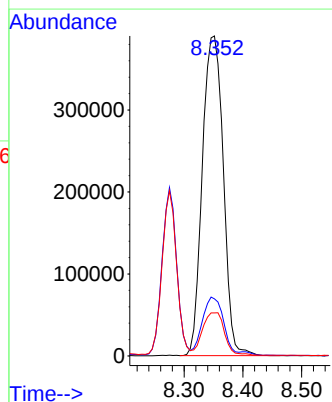
Manual Integrations
APPROVED

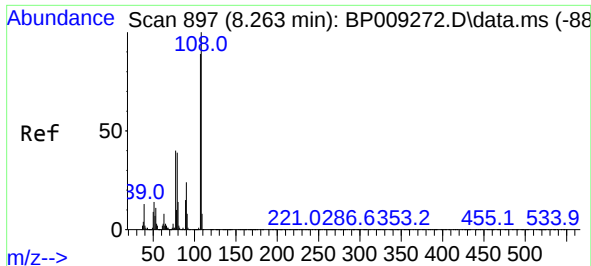
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.025 ng
RT: 8.352 min Scan# 912
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

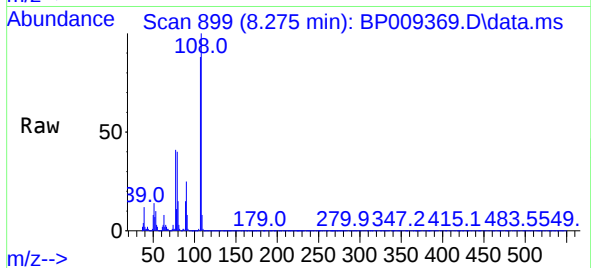
Tgt Ion: 45 Resp: 964691
Ion Ratio Lower Upper
45 100
77 17.8 0.0 36.5
79 13.4 0.0 32.4





#17
2-Methylphenol
Concen: 41.070 ng
RT: 8.275 min Scan# 897
Delta R.T. 0.012 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

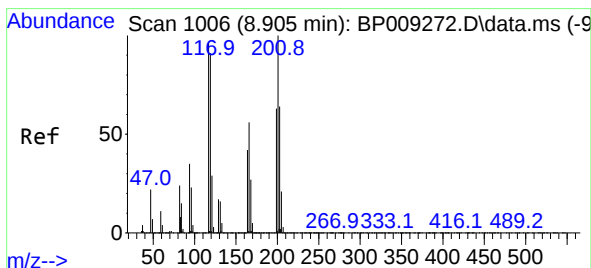
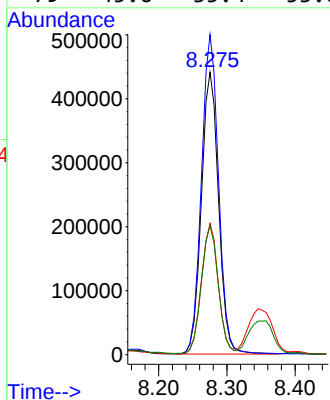
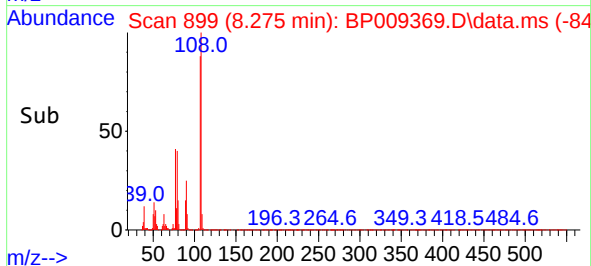
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:107 Resp: 77308
Ion Ratio Lower Upper
107 100
108 113.3 90.2 135.2
77 46.5 36.3 54.5
79 45.6 35.4 53.0

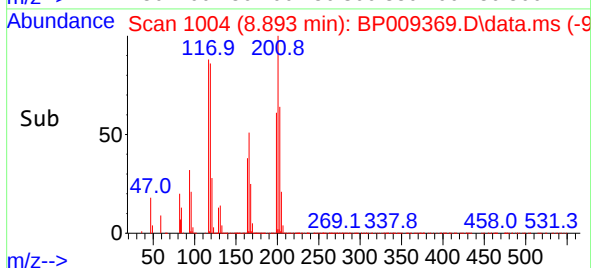
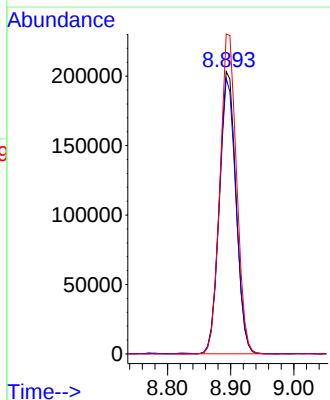
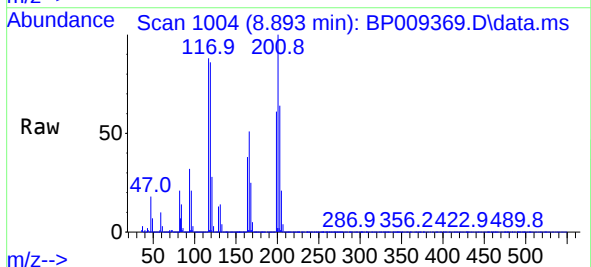
Manual Integrations
APPROVED

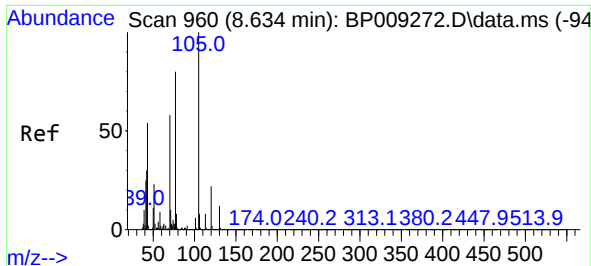
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#18
Hexachloroethane
Concen: 39.551 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

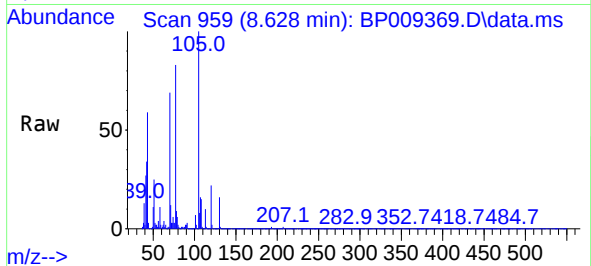
Tgt Ion:117 Resp: 372461
Ion Ratio Lower Upper
117 100
119 97.6 76.4 114.6
201 113.3 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 39.033 ng
RT: 8.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

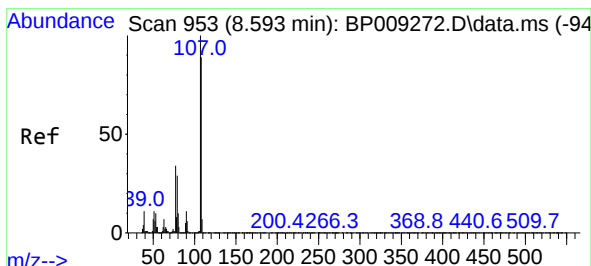
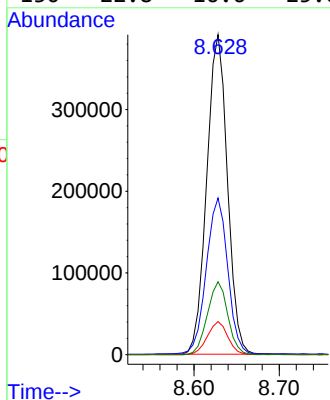
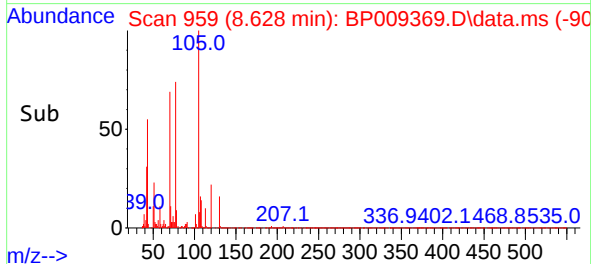
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



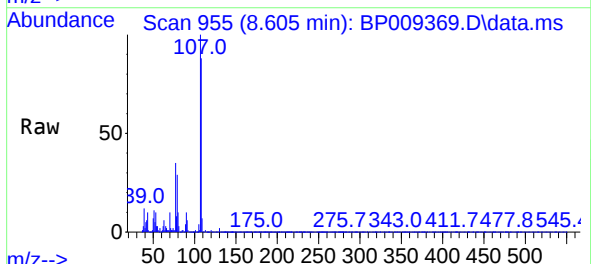
Tgt Ion: 70 Resp: 66108
Ion Ratio Lower Upper
70 100
42 48.9 41.0 61.4
101 10.4 7.9 11.9
130 22.8 16.6 25.0

Manual Integrations
APPROVED

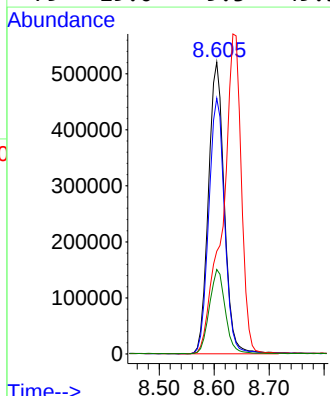
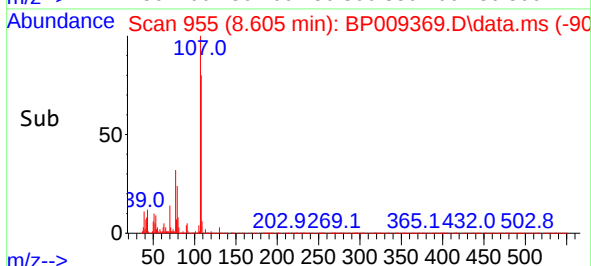
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

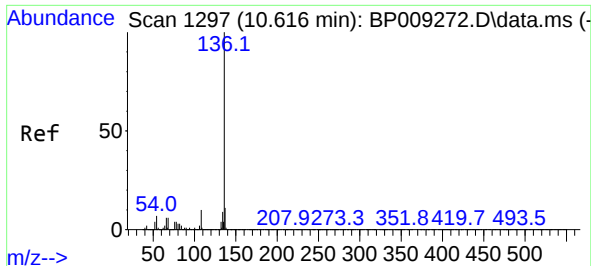


#20
3+4-Methylphenols
Concen: 41.156 ng
RT: 8.605 min Scan# 955
Delta R.T. 0.012 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



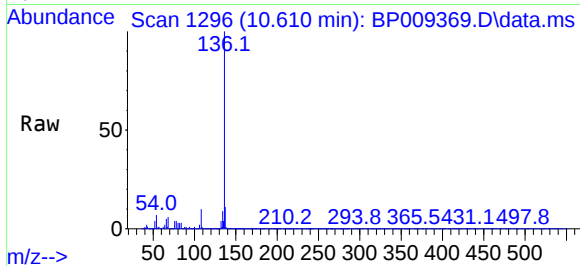
Tgt Ion:107 Resp: 1038228
Ion Ratio Lower Upper
107 100
108 87.6 69.4 109.4
77 35.2 13.6 53.6
79 29.0 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

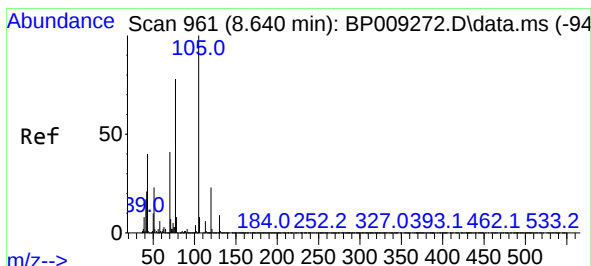
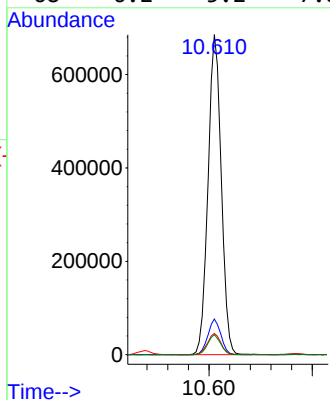
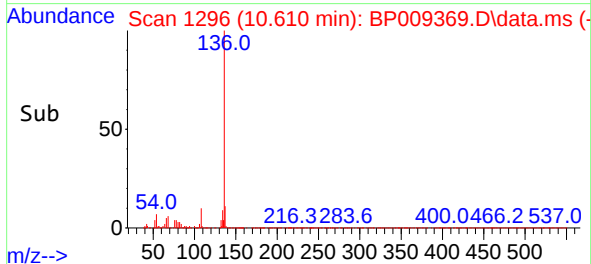
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:136 Resp: 121684
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.7 5.8 8.8
68 6.2 5.2 7.8

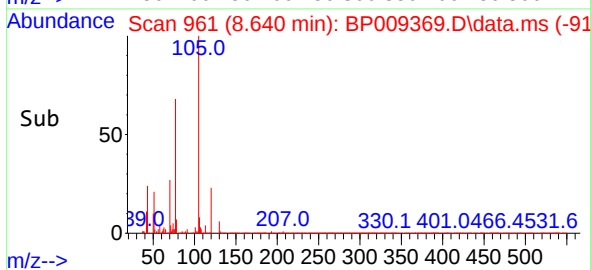
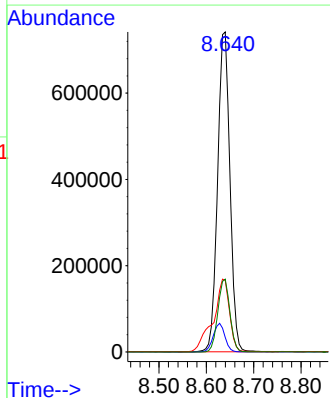
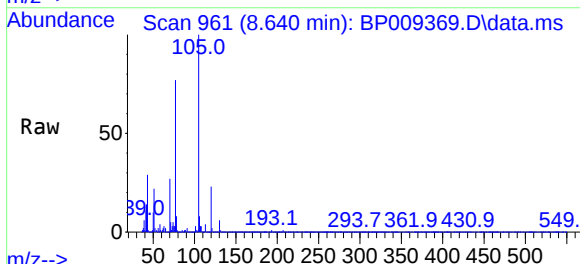
Manual Integrations
APPROVED

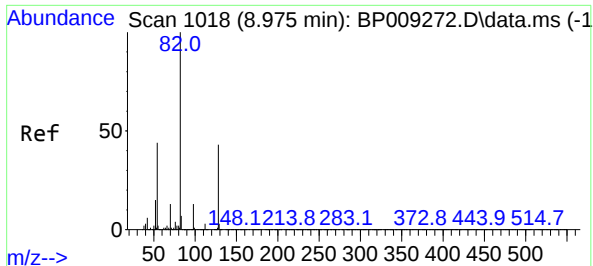
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#22
Acetophenone
Concen: 41.271 ng
RT: 8.640 min Scan# 961
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

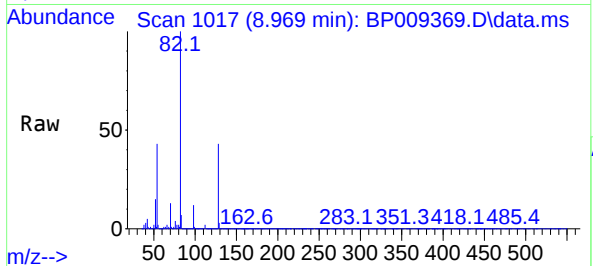
Tgt Ion:105 Resp: 1342468
Ion Ratio Lower Upper
105 100
71 4.6 5.5 8.3#
51 22.4 18.9 28.3
120 22.8 18.1 27.1





#23
Nitrobenzene-d5
Concen: 81.567 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

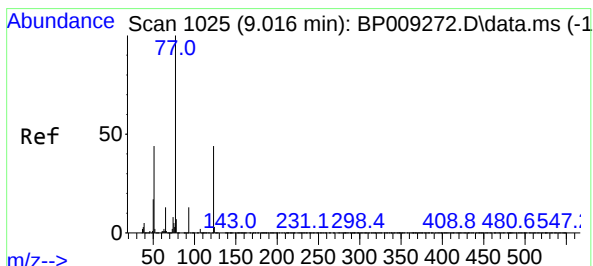
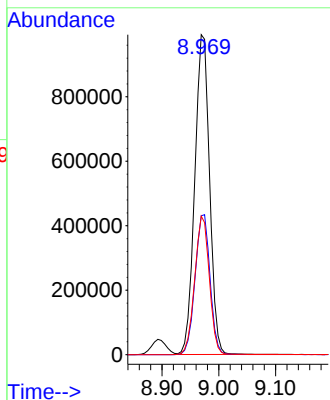
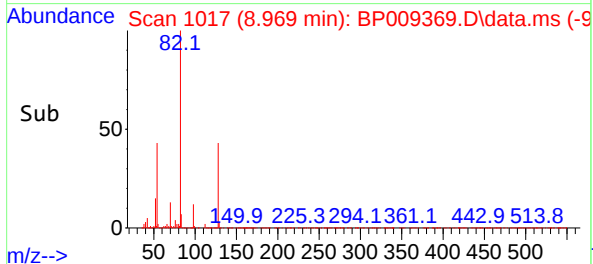
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



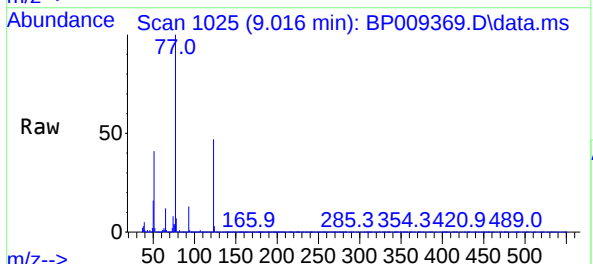
Tgt Ion: 82 Resp: 180203
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.4
54 43.3 34.7 52.1

Manual Integrations
APPROVED

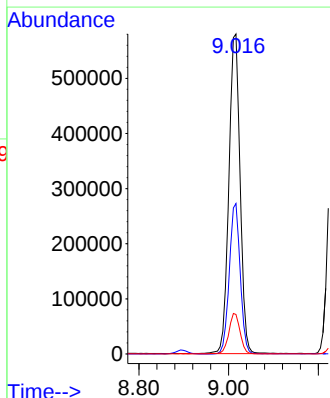
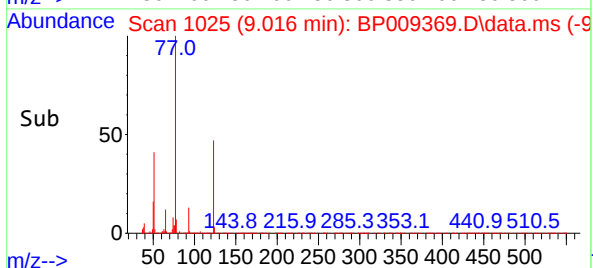
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

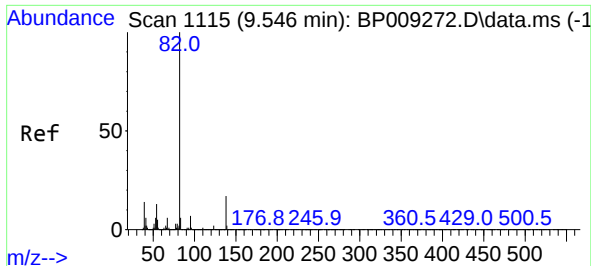


#24
Nitrobenzene
Concen: 43.306 ng
RT: 9.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



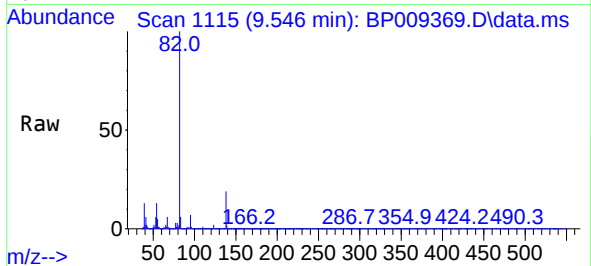
Tgt Ion: 77 Resp: 1013969
Ion Ratio Lower Upper
77 100
123 47.0 35.5 53.3
65 12.4 10.3 15.5





#25
Isophorone
Concen: 43.655 ng
RT: 9.546 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

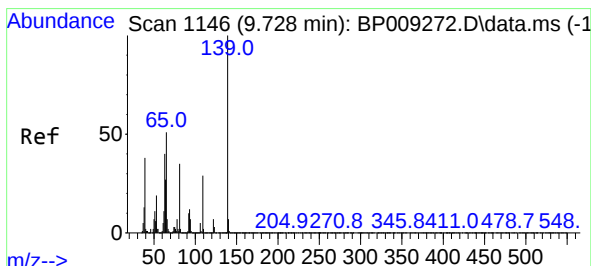
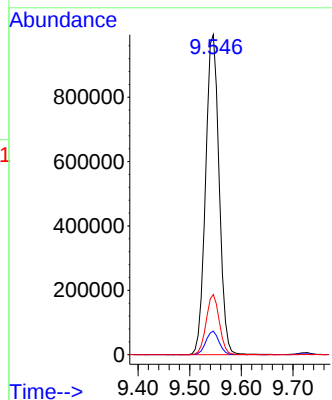
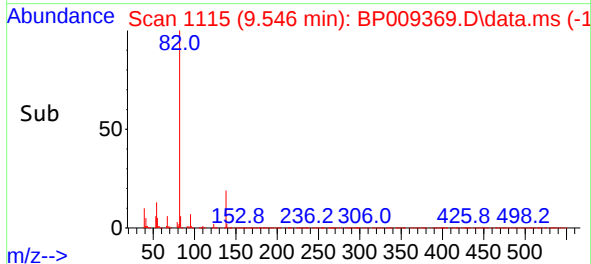
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



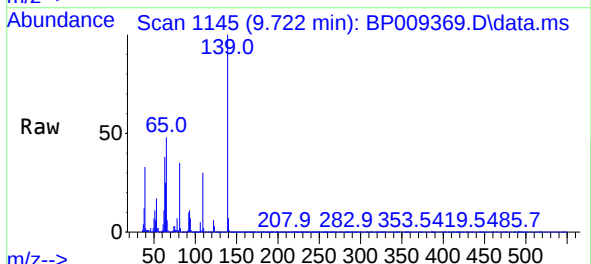
Tgt Ion: 82 Resp: 180404
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 18.8 13.8 20.8

Manual Integrations
APPROVED

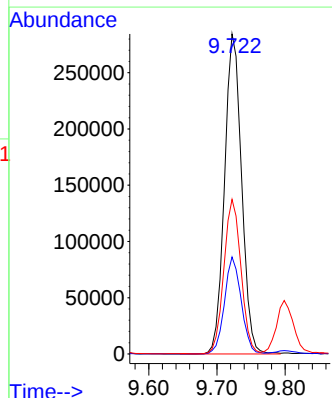
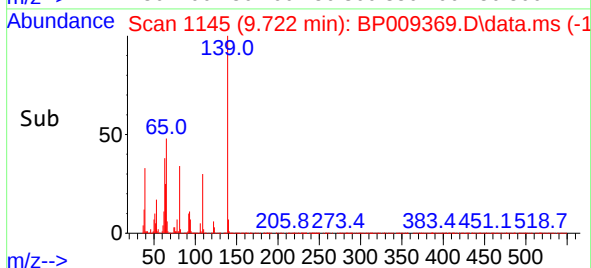
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

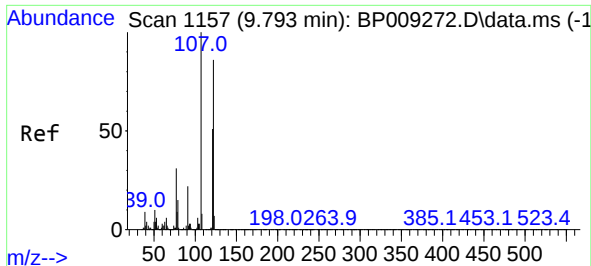


#26
2-Nitrophenol
Concen: 54.627 ng
RT: 9.722 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



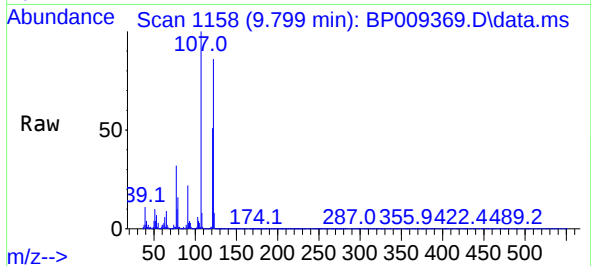
Tgt Ion:139 Resp: 495483
Ion Ratio Lower Upper
139 100
109 30.3 23.4 35.0
65 48.3 41.0 61.6





#27
2,4-Dimethylphenol
Concen: 42.076 ng
RT: 9.799 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

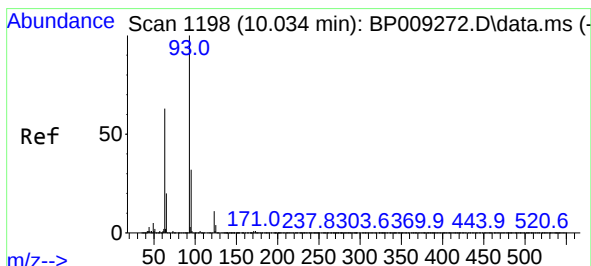
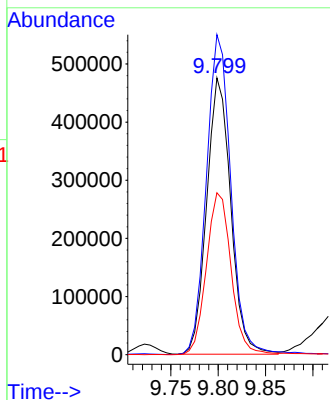
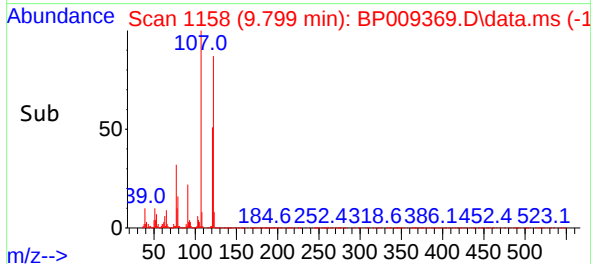
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion: 122 Resp: 839390
Ion Ratio Lower Upper
122 100
107 115.6 92.6 138.8
121 58.5 46.7 70.1

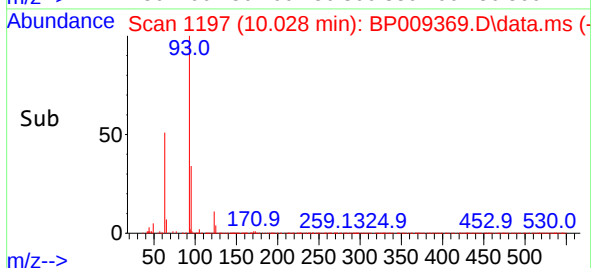
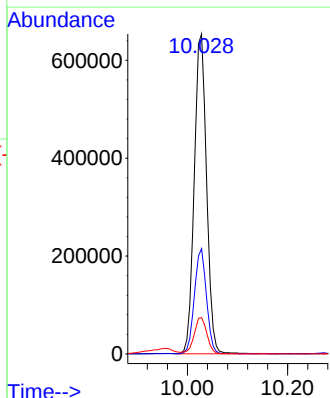
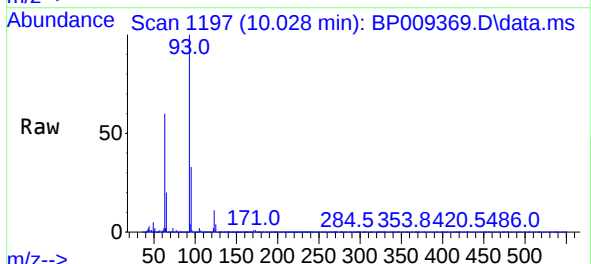
Manual Integrations
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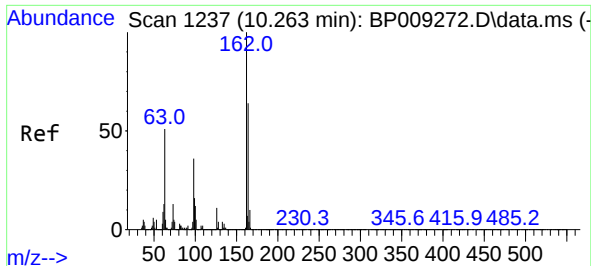
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#28
bis(2-Chloroethoxy)methane
Concen: 41.128 ng
RT: 10.028 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

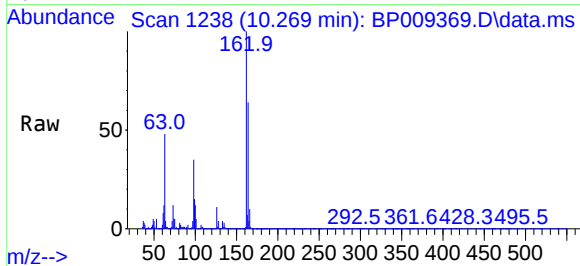
Tgt Ion: 93 Resp: 1112237
Ion Ratio Lower Upper
93 100
95 32.9 25.5 38.3
123 11.4 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 45.226 ng
RT: 10.269 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

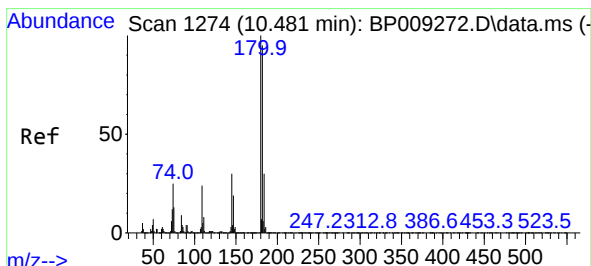
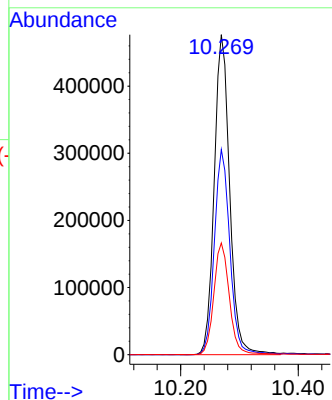
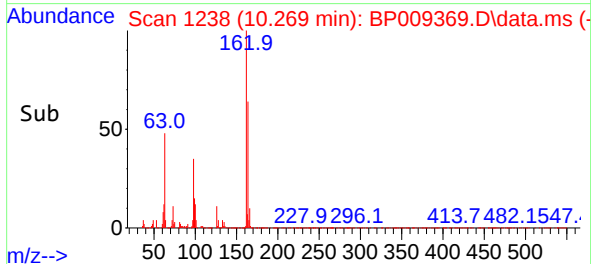
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



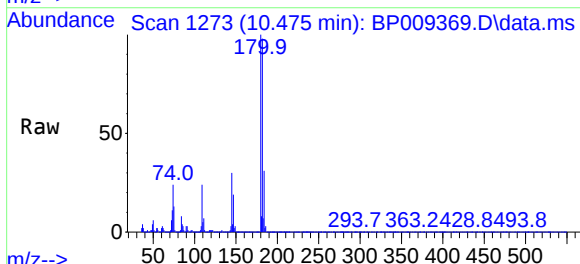
Tgt Ion:162 Resp: 870192
Ion Ratio Lower Upper
162 100
164 64.1 44.3 84.3
98 34.9 15.6 55.6

Manual Integrations
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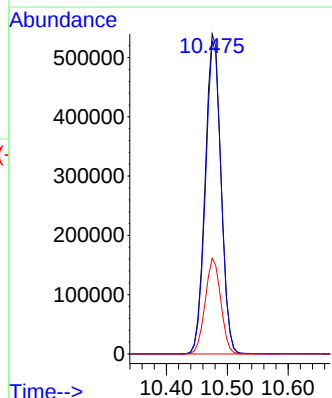
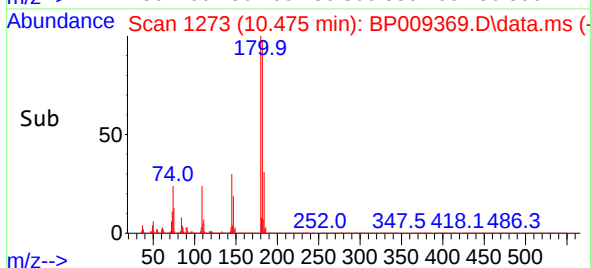
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

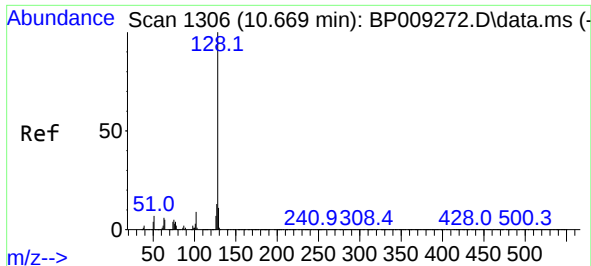


#30
1,2,4-Trichlorobenzene
Concen: 43.316 ng
RT: 10.475 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



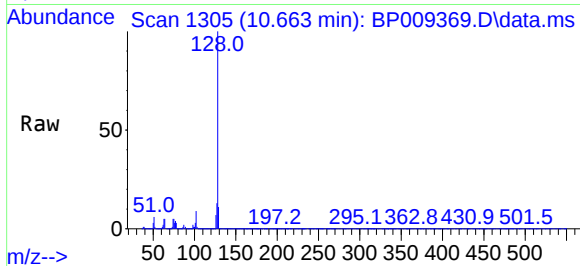
Tgt Ion:180 Resp: 975479
Ion Ratio Lower Upper
180 100
182 97.7 76.4 114.6
145 29.8 23.8 35.6





#31
Naphthalene
Concen: 41.178 ng
RT: 10.663 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

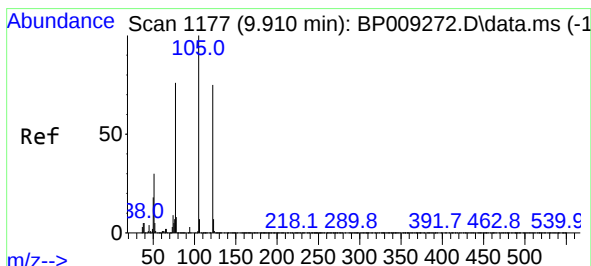
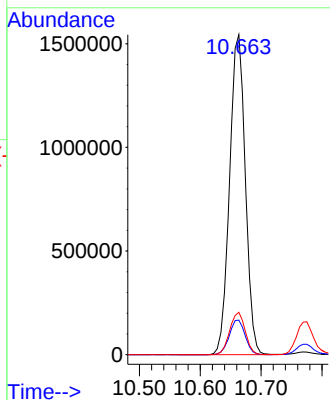
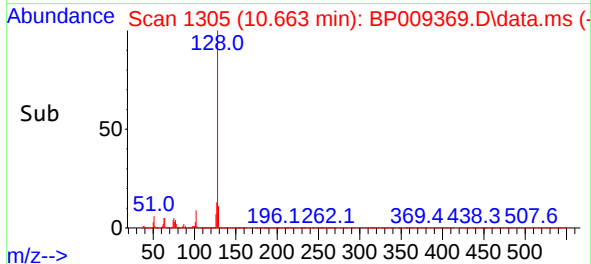
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:128 Resp: 277487
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.3 10.5 15.7

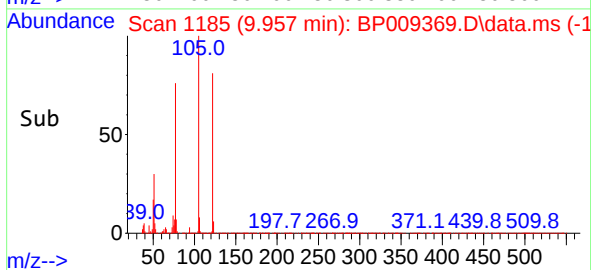
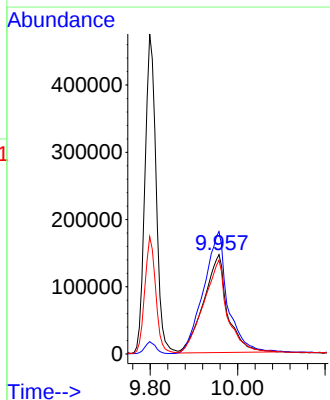
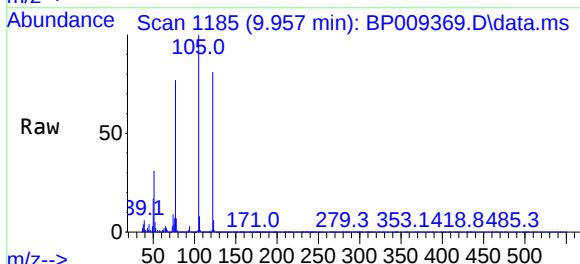
Manual Integrations
APPROVED

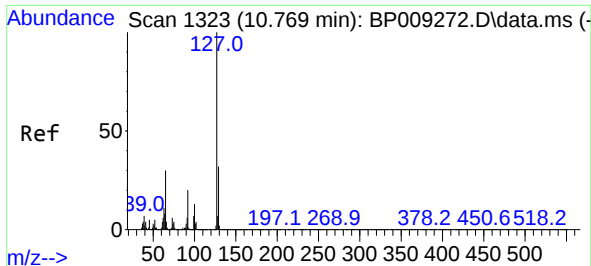
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#32
Benzoic acid
Concen: 54.702 ng
RT: 9.957 min Scan# 1185
Delta R.T. 0.047 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

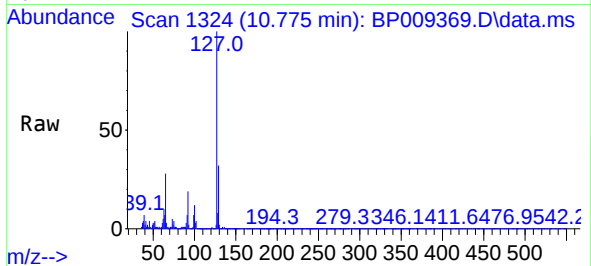
Tgt Ion:122 Resp: 554241
Ion Ratio Lower Upper
122 100
105 123.3 110.5 150.5
77 94.4 79.9 119.9





#33
4-Chloroaniline
Concen: 11.559 ng
RT: 10.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

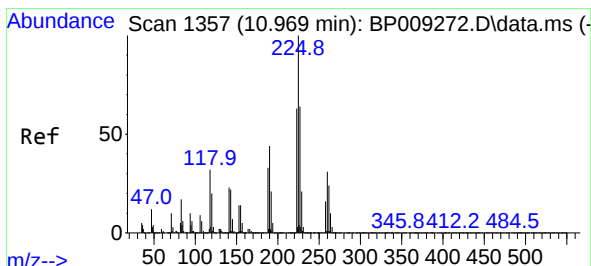
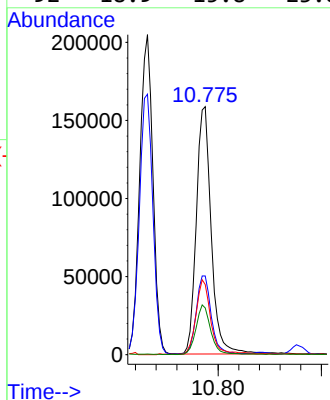
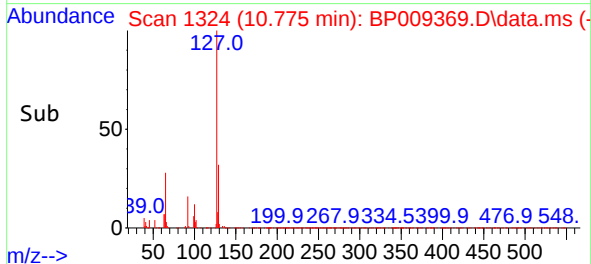
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:127 Resp: 31848
Ion Ratio Lower Upper
127 100
129 31.7 25.5 38.3
65 28.2 24.3 36.5
92 18.9 15.8 23.8

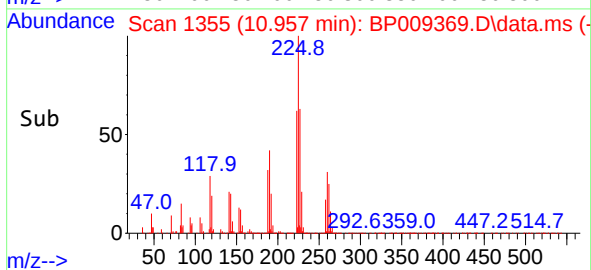
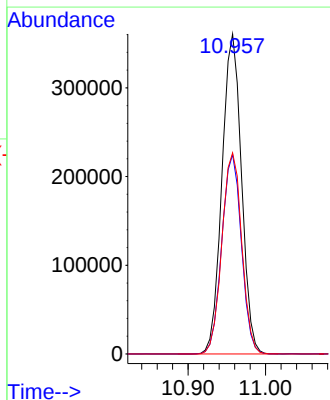
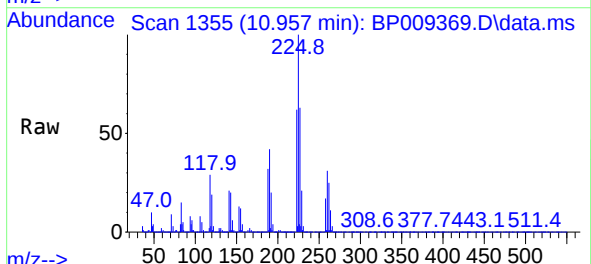
Manual Integrations
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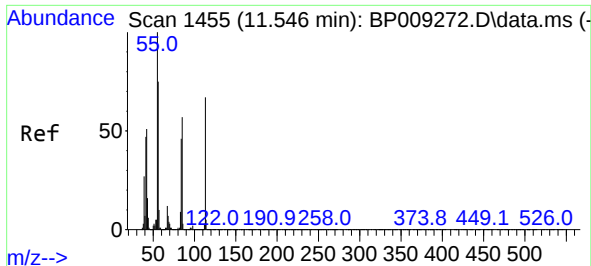
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#34
Hexachlorobutadiene
Concen: 45.942 ng
RT: 10.957 min Scan# 1355
Delta R.T. -0.012 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

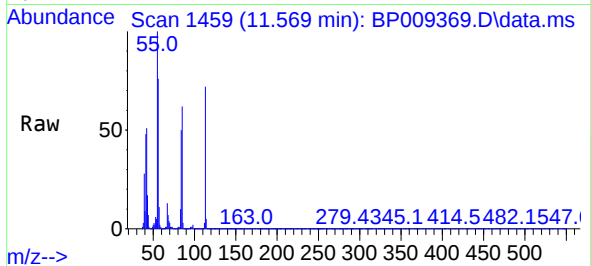
Tgt Ion:225 Resp: 630047
Ion Ratio Lower Upper
225 100
223 62.4 50.5 75.7
227 62.8 51.2 76.8





#35
Caprolactam
Concen: 44.413 ng
RT: 11.569 min Scan# 1455
Delta R.T. 0.024 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

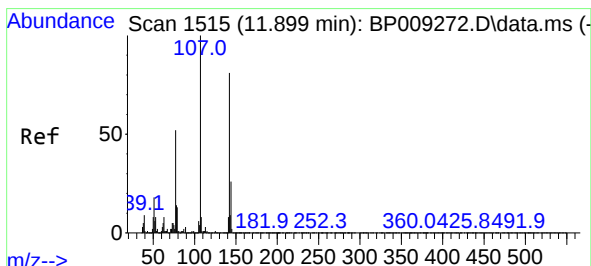
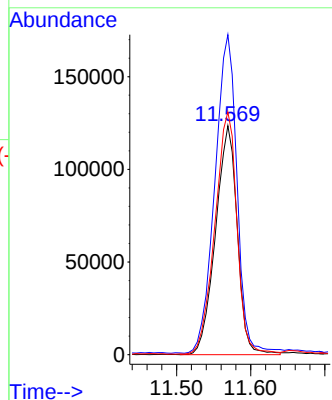
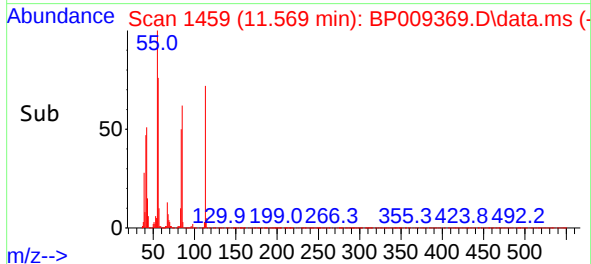
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



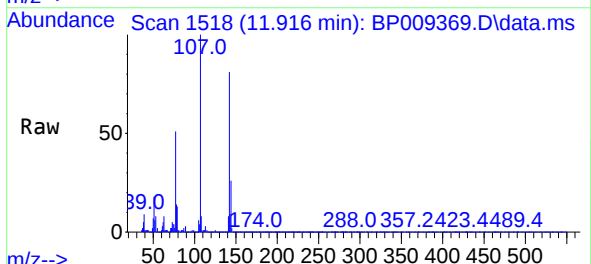
Tgt Ion:113 Resp: 25153
Ion Ratio Lower Upper
113 100
55 139.8 128.4 168.4
56 106.0 90.9 130.9

Manual Integrations
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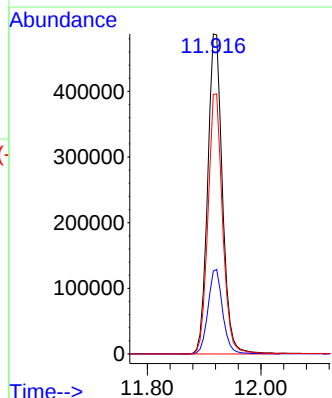
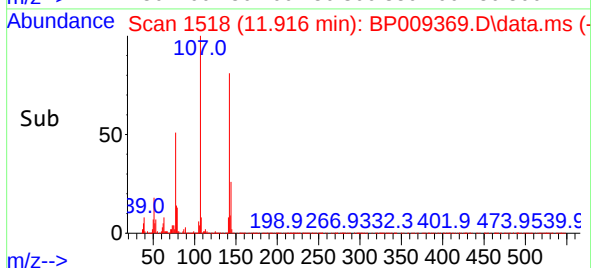
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

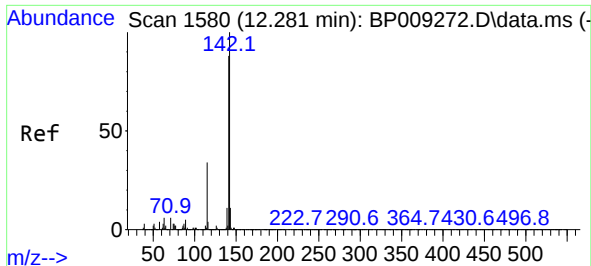


#36
4-Chloro-3-methylphenol
Concen: 43.451 ng
RT: 11.916 min Scan# 1518
Delta R.T. 0.018 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



Tgt Ion:107 Resp: 872702
Ion Ratio Lower Upper
107 100
144 25.9 21.0 31.4
142 81.1 64.9 97.3





#37

2-Methylnaphthalene

Concen: 39.414 ng

RT: 12.275 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BP009369.D

Acq: 11 Mar 2022 17:32

Instrument :

BNA_P

ClientSampleId :

HR-03-031022MSD

Tgt Ion:142 Resp: 1887059

Ion Ratio Lower Upper

142 100

141 87.7 70.2 105.4

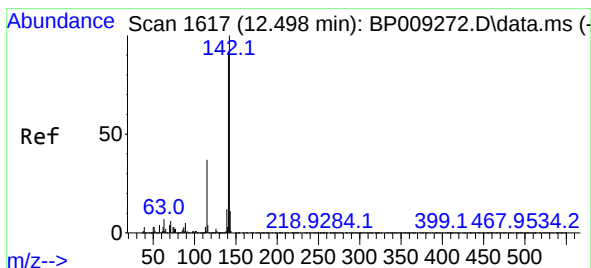
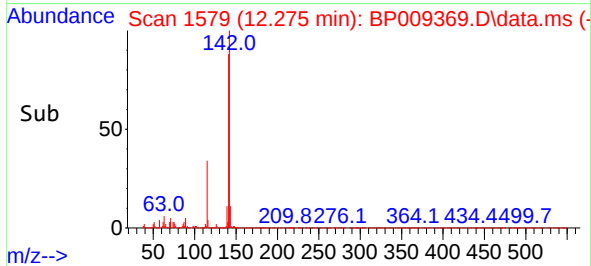
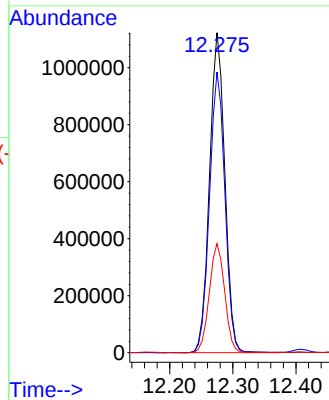
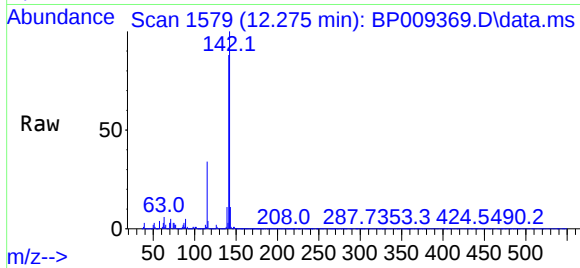
115 34.1 27.4 41.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#38

1-Methylnaphthalene

Concen: 40.924 ng

RT: 12.493 min Scan# 1616

Delta R.T. -0.006 min

Lab File: BP009369.D

Acq: 11 Mar 2022 17:32

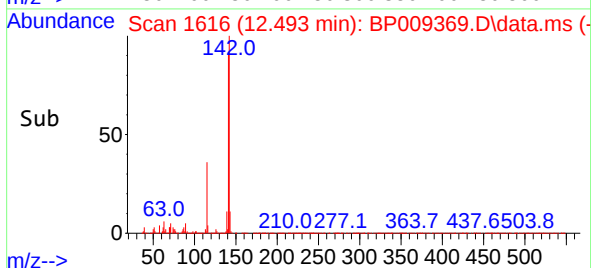
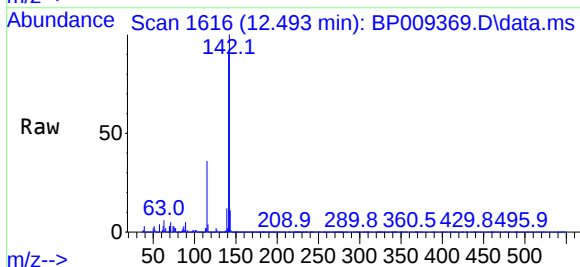
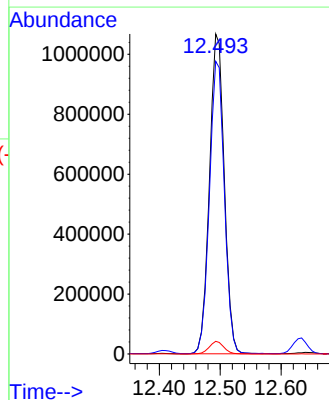
Tgt Ion:142 Resp: 1804534

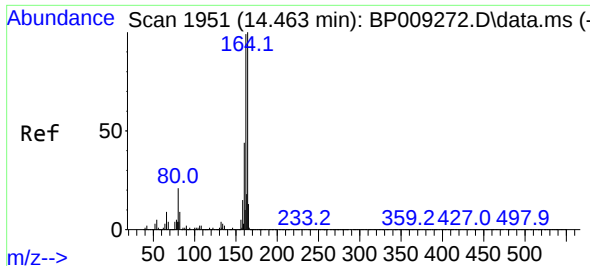
Ion Ratio Lower Upper

142 100

141 91.4 73.5 110.3

116 3.9 3.3 4.9





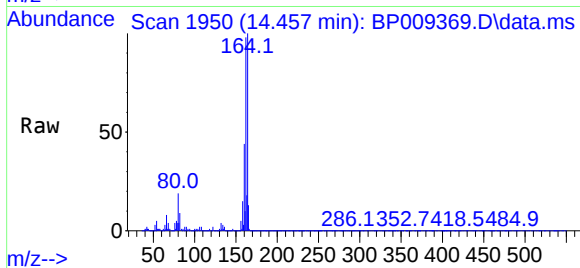
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Instrument :

BNA_P

ClientSampleId :

HR-03-031022MSD

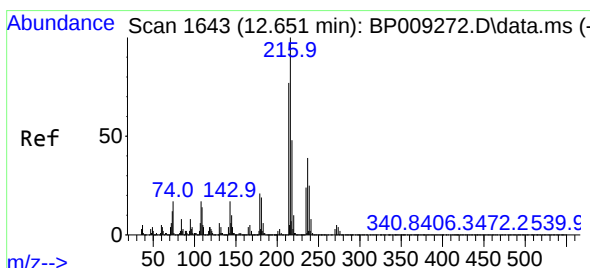
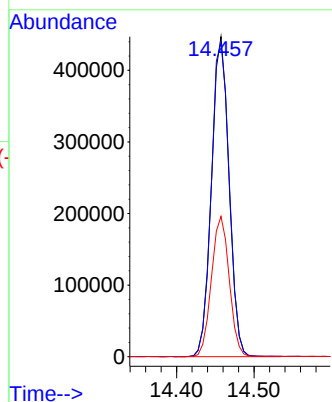
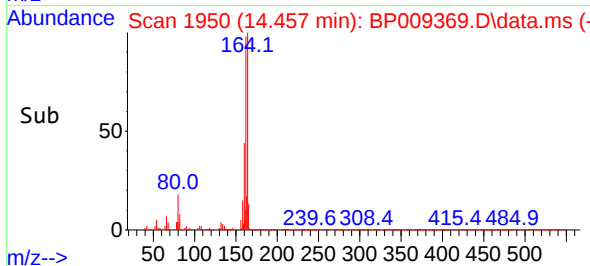


Tgt Ion:164 Resp: 700922
Ion Ratio Lower Upper
164 100
162 98.1 79.1 118.7
160 43.8 34.9 52.3

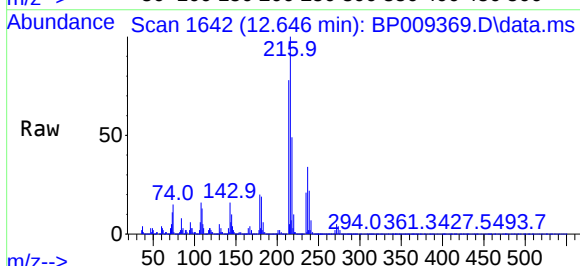
Manual Integrations

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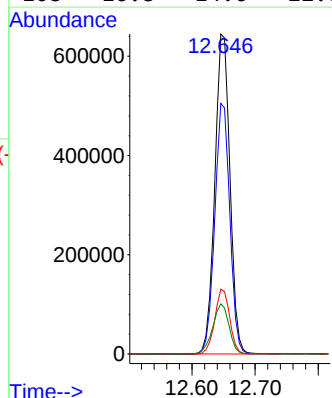
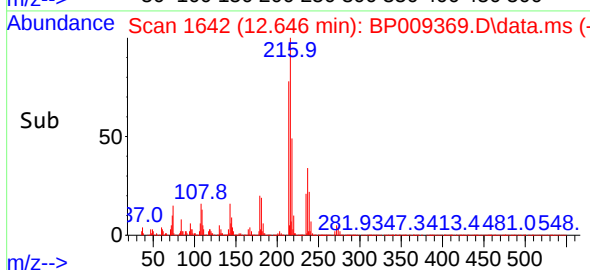
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

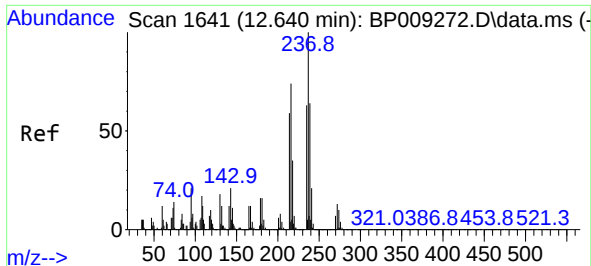


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.448 ng
RT: 12.646 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



Tgt Ion:216 Resp: 1073507
Ion Ratio Lower Upper
216 100
214 77.9 62.3 93.5
179 19.9 16.8 25.2
108 16.8 14.6 22.0





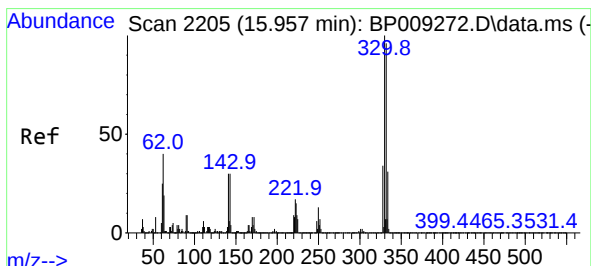
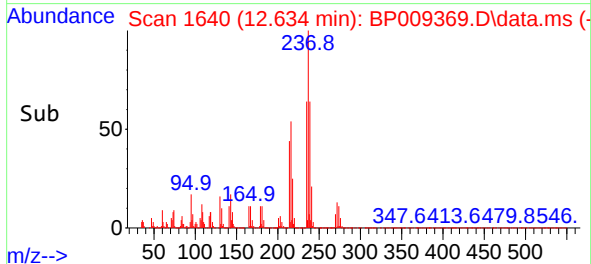
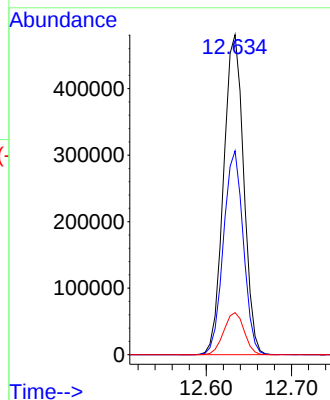
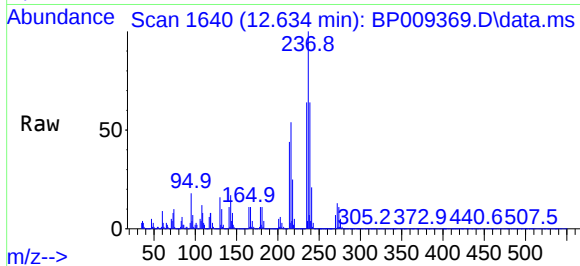
#41
Hexachlorocyclopentadiene
Concen: 52.701 ng
RT: 12.634 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD

Tgt Ion:237 Resp: 788430
Ion Ratio Lower Upper
237 100
235 63.7 42.6 82.6
272 13.1 0.0 32.8

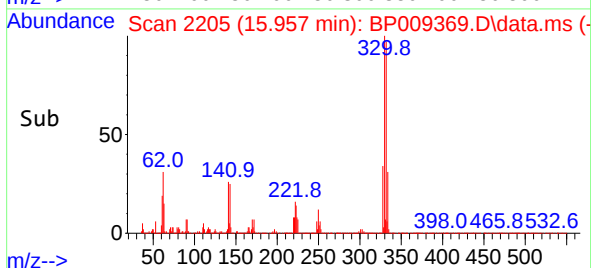
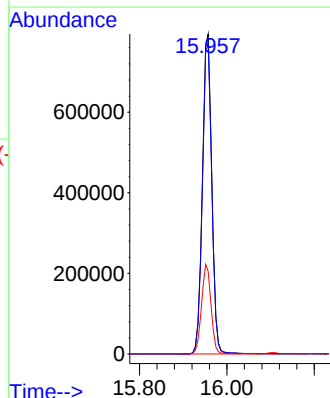
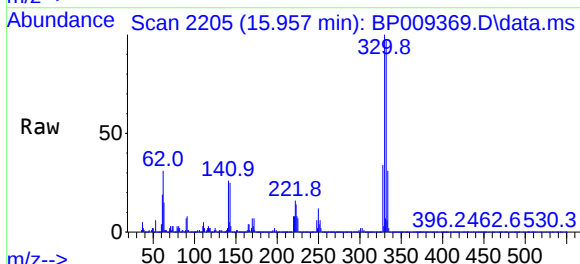
Manual Integrations
APPROVED

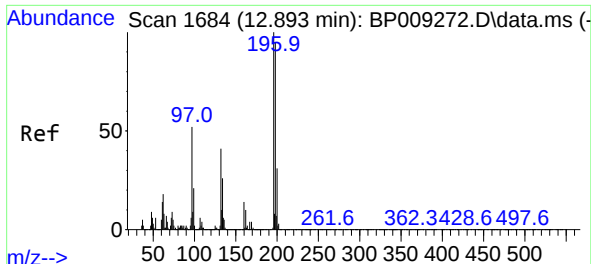
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#42
2,4,6-Tribromophenol
Concen: 140.706 ng
RT: 15.957 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Tgt Ion:330 Resp: 1190885
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 28.1 27.6 41.4





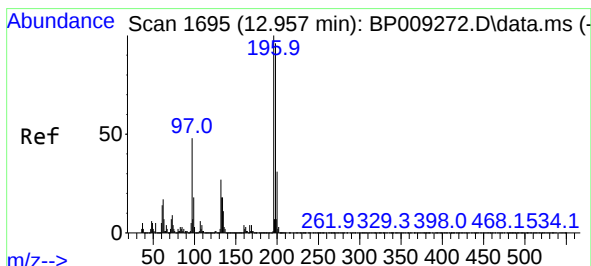
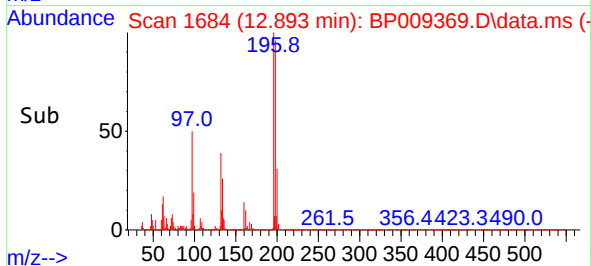
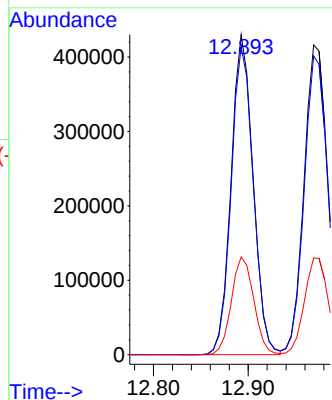
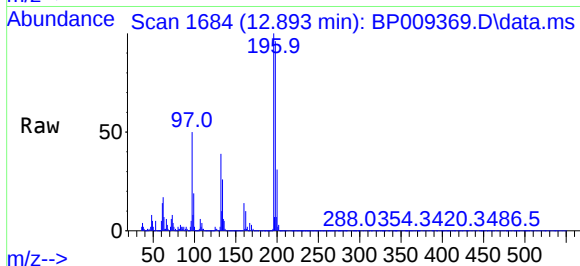
#43
2,4,6-Trichlorophenol
Concen: 48.939 ng
RT: 12.893 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD

Tgt Ion:196 Resp: 694090
Ion Ratio Lower Upper
196 100
198 96.2 76.2 114.4
200 30.6 24.4 36.6

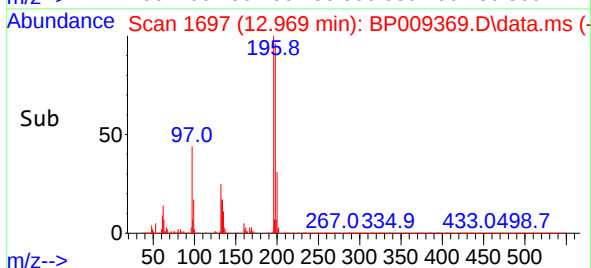
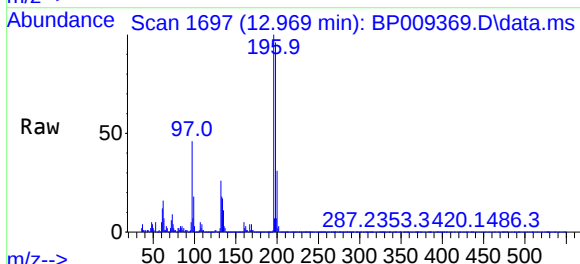
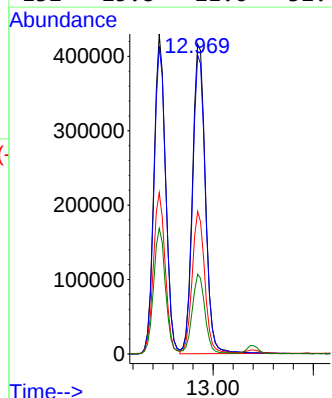
Manual Integrations
APPROVED

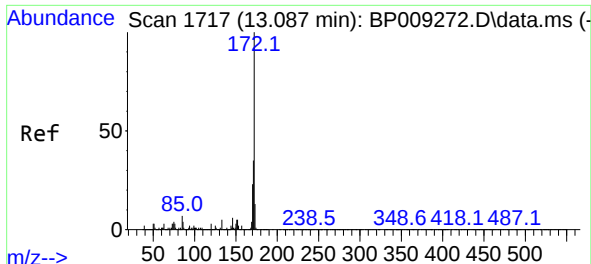
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#44
2,4,5-Trichlorophenol
Concen: 47.915 ng
RT: 12.969 min Scan# 1697
Delta R.T. 0.012 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

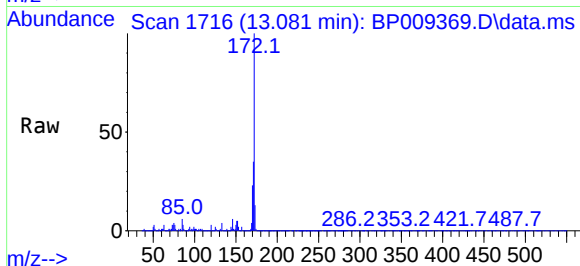
Tgt Ion:196 Resp: 745398
Ion Ratio Lower Upper
196 100
198 96.5 76.6 114.8
97 46.0 38.3 57.5
132 25.8 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 77.194 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

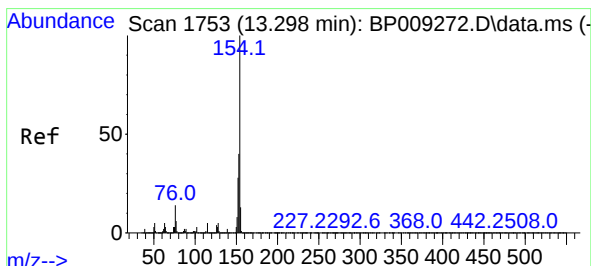
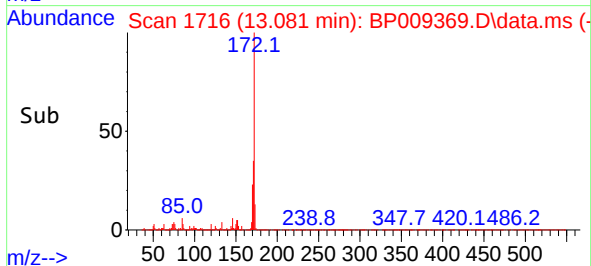
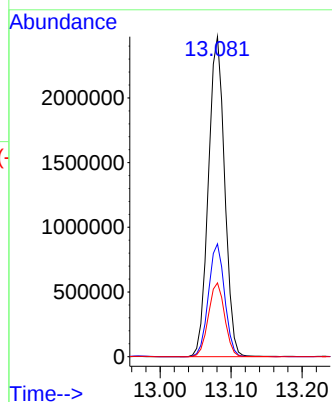
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:172 Resp: 3934470
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.1 18.6 27.8

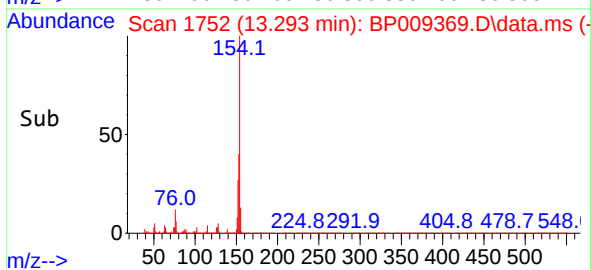
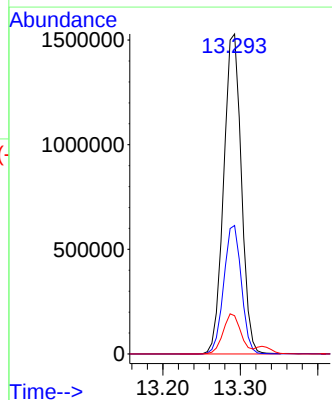
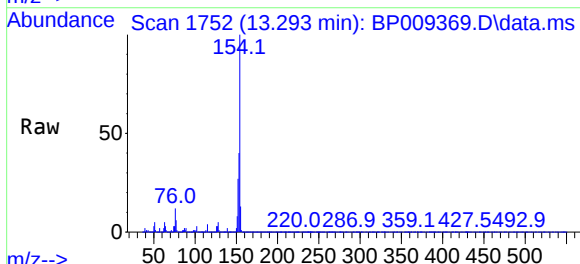
Manual Integrations
APPROVED

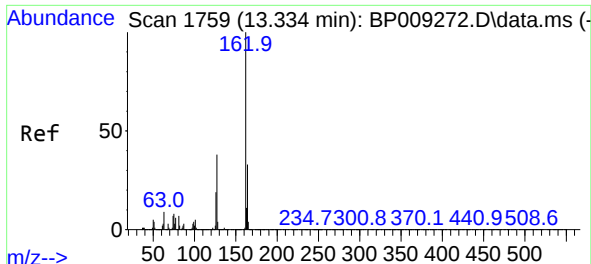
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#46
1,1'-Biphenyl
Concen: 42.307 ng
RT: 13.293 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Tgt Ion:154 Resp: 2421058
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 12.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 43.338 ng

RT: 13.328 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BP009369.D

Acq: 11 Mar 2022 17:32

Instrument :

BNA_P

ClientSampleId :

HR-03-031022MSD

Tgt Ion:162 Resp: 1878534

Ion Ratio Lower Upper

162 100

127 38.9 30.8 46.2

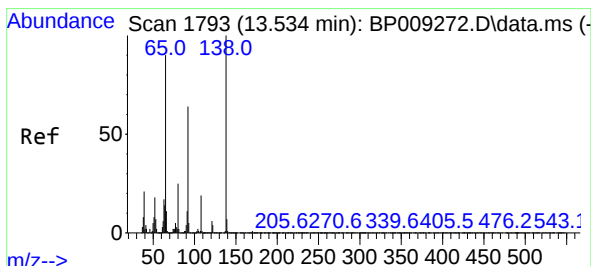
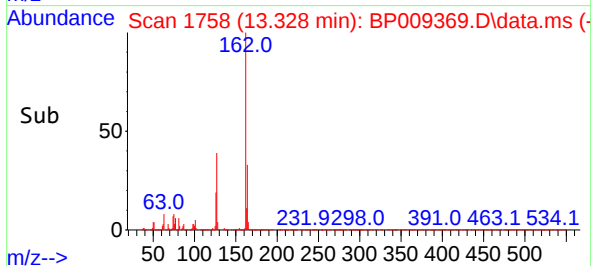
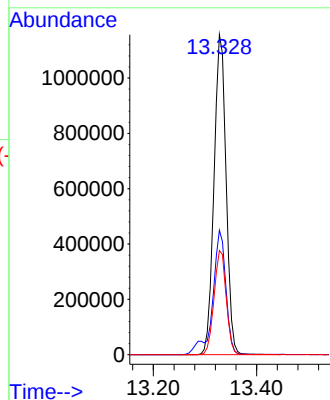
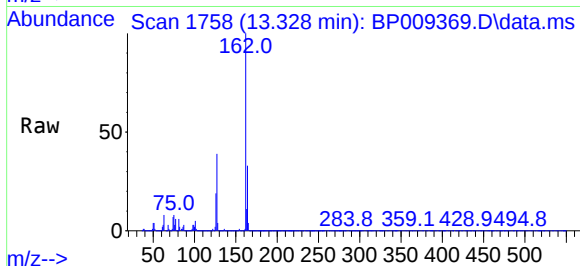
164 32.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#48

2-Nitroaniline

Concen: 51.682 ng

RT: 13.534 min Scan# 1793

Delta R.T. 0.000 min

Lab File: BP009369.D

Acq: 11 Mar 2022 17:32

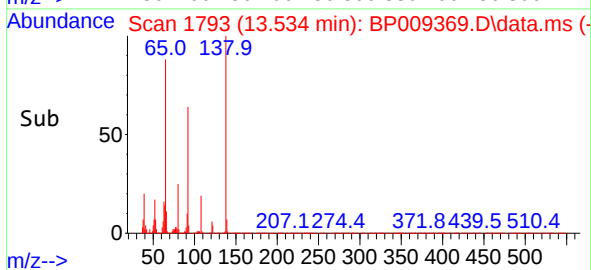
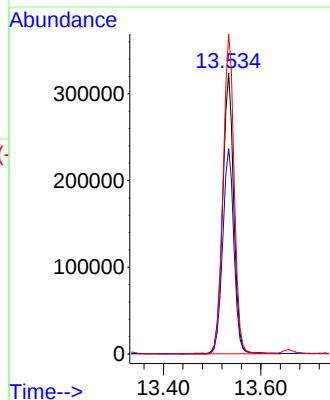
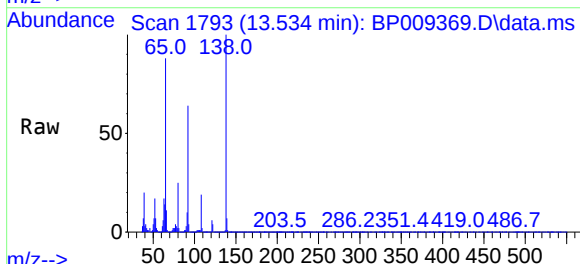
Tgt Ion: 65 Resp: 515086

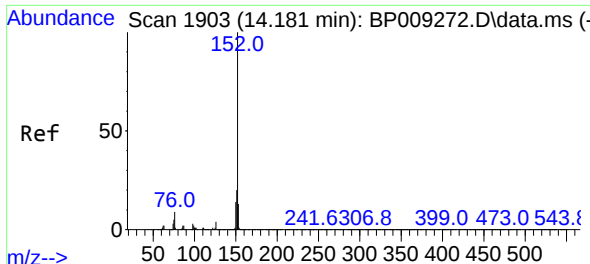
Ion Ratio Lower Upper

65 100

92 73.1 56.9 85.3

138 113.9 89.3 133.9





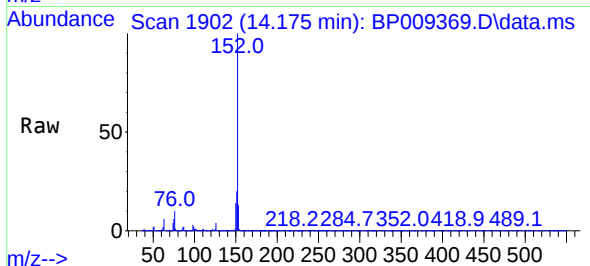
#49
Acenaphthylene
Concen: 45.221 ng
RT: 14.175 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Instrument :

BNA_P

ClientSampleId :

HR-03-031022MSD

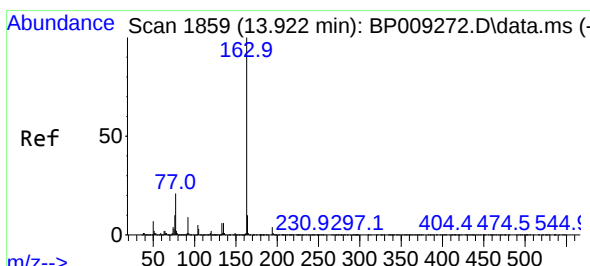
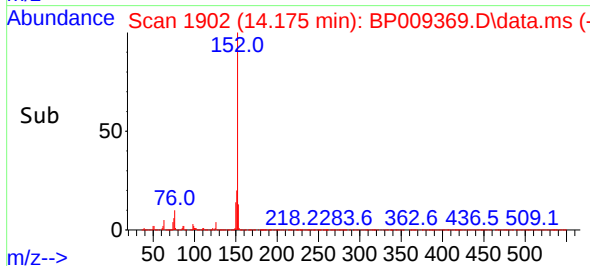
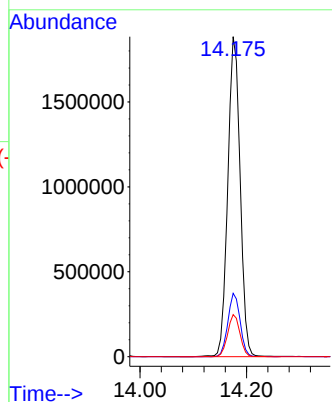


Tgt Ion:152 Resp: 3028624
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 10.7 16.1

Manual Integrations

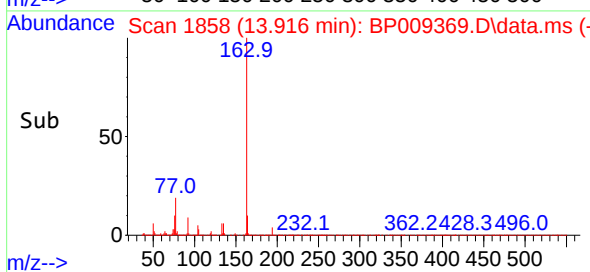
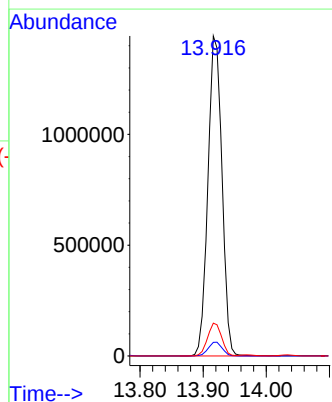
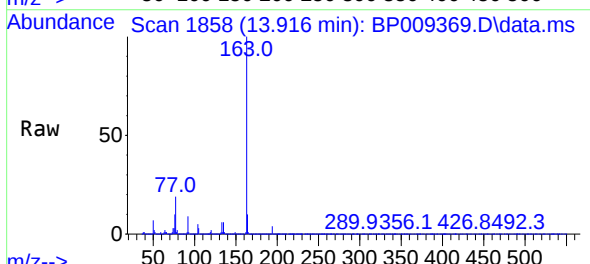
APPROVED

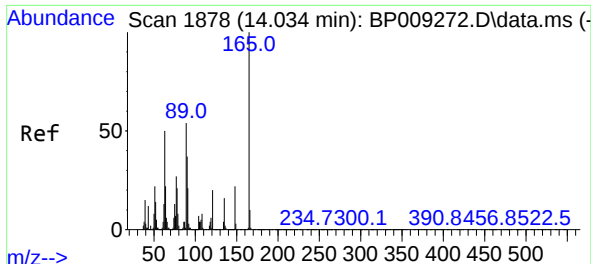
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#50
Dimethylphthalate
Concen: 43.190 ng
RT: 13.916 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

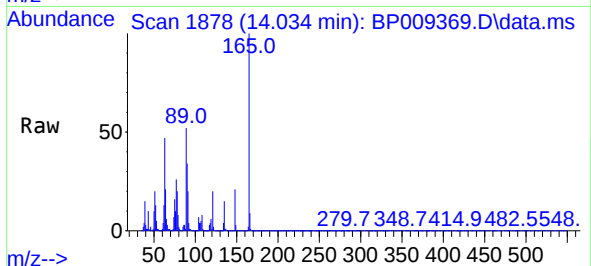
Tgt Ion:163 Resp: 2232837
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.983 ng
RT: 14.034 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

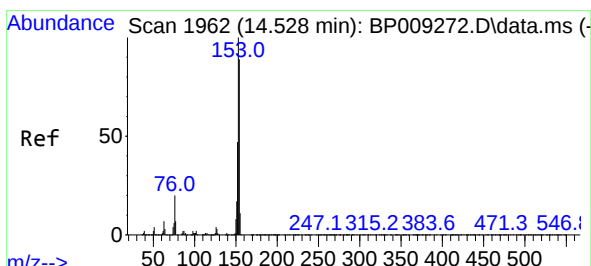
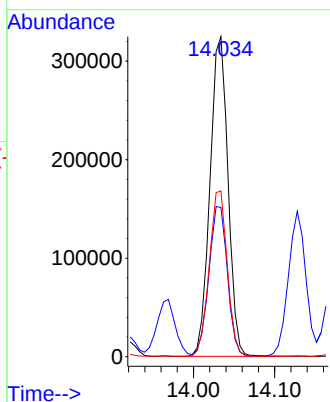
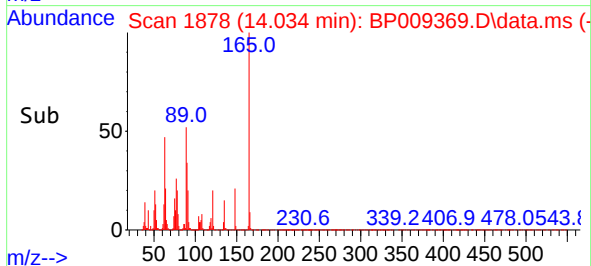
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



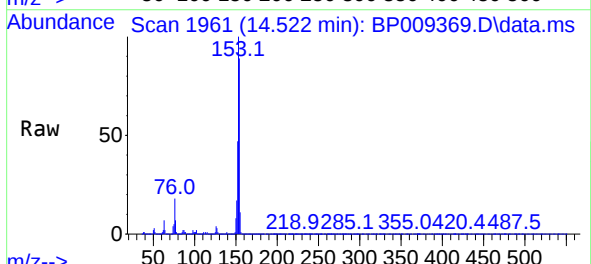
Tgt Ion:165 Resp: 500070
Ion Ratio Lower Upper
165 100
63 46.7 40.9 61.3
89 51.8 43.4 65.2

Manual Integrations
APPROVED

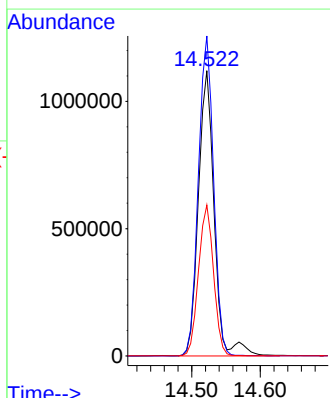
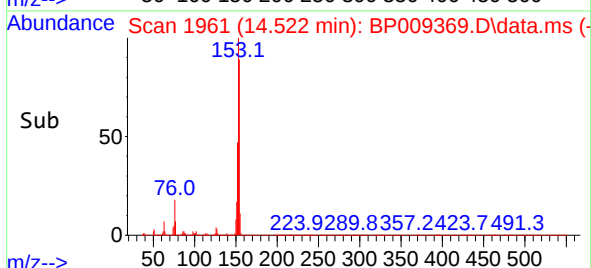
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

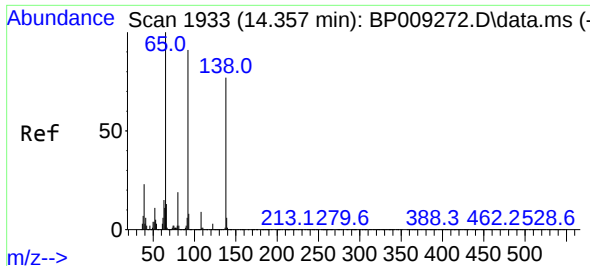


#52
Acenaphthene
Concen: 41.831 ng m
RT: 14.522 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



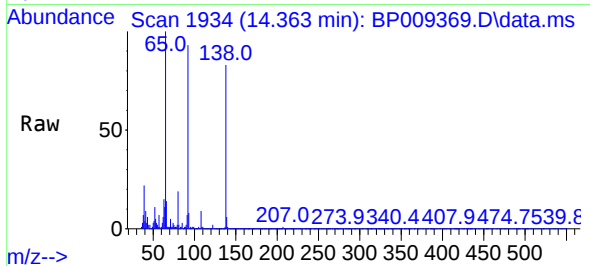
Tgt Ion:154 Resp: 1795545
Ion Ratio Lower Upper
154 100
153 112.2 90.2 135.4
152 52.9 42.7 64.1





#53
3-Nitroaniline
Concen: 22.706 ng
RT: 14.363 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

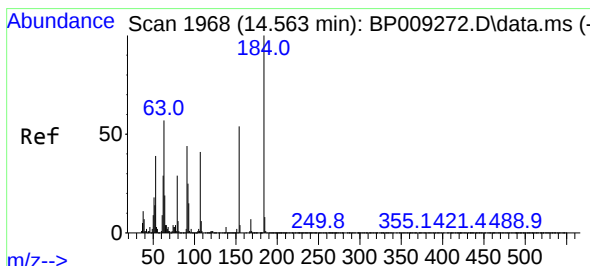
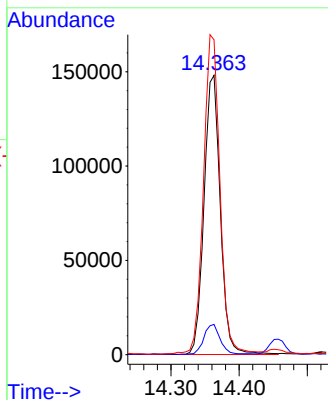
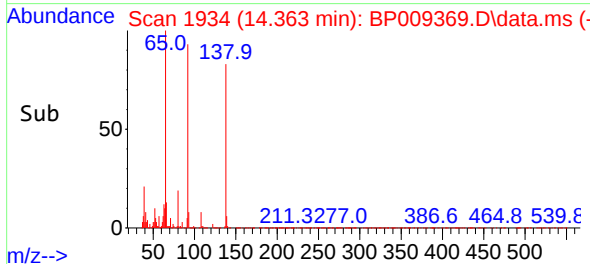
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:138 Resp: 246230
Ion Ratio Lower Upper
138 100
108 10.8 9.7 14.5
92 112.7 94.4 141.6

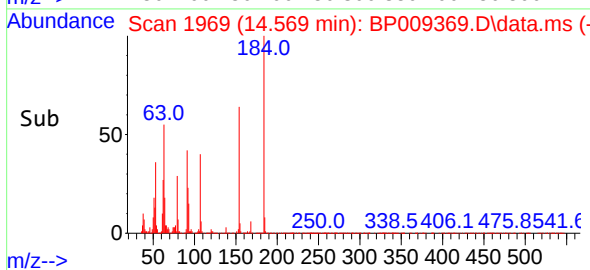
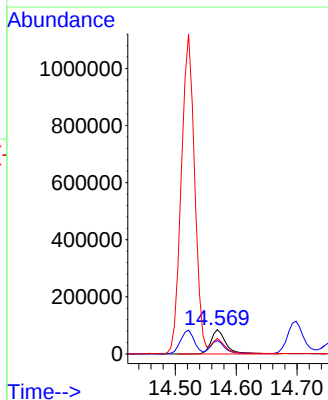
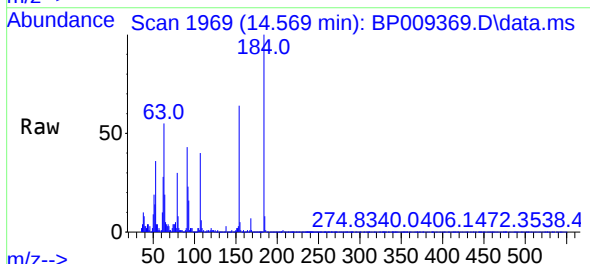
Manual Integrations
APPROVED

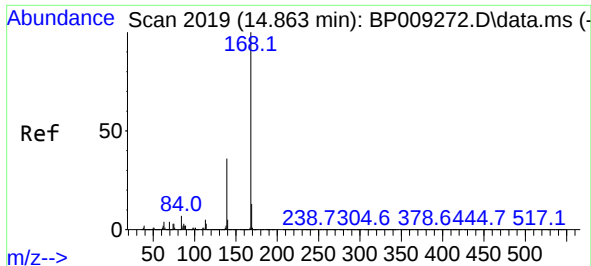
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#54
2,4-Dinitrophenol
Concen: 33.243 ng
RT: 14.569 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

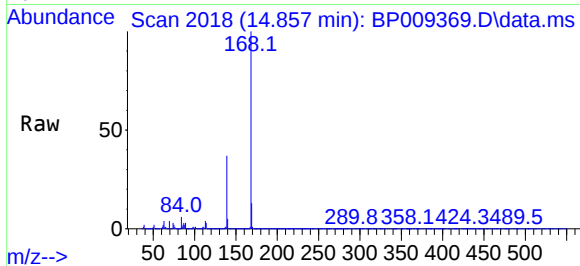
Tgt Ion:184 Resp: 145317
Ion Ratio Lower Upper
184 100
63 55.4 46.3 69.5
154 63.9 45.8 68.6





#55
Dibenzenofuran
Concen: 42.069 ng
RT: 14.857 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

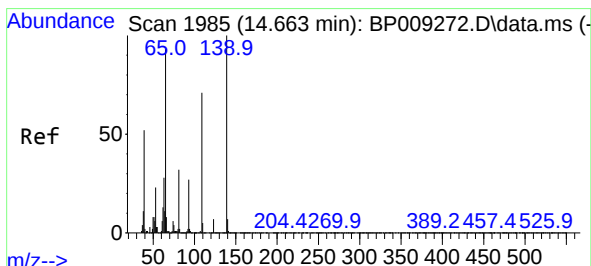
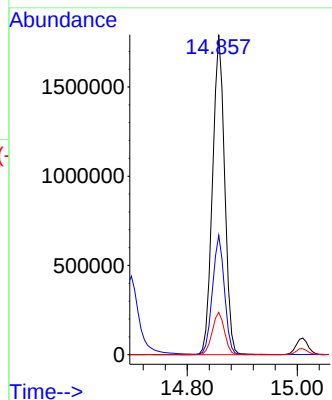
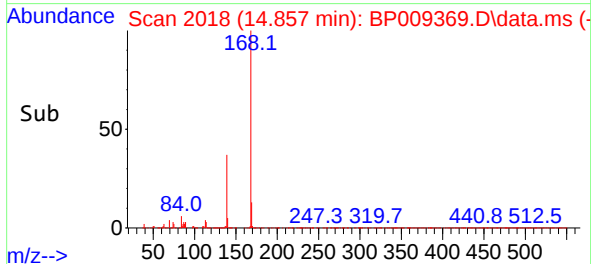
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



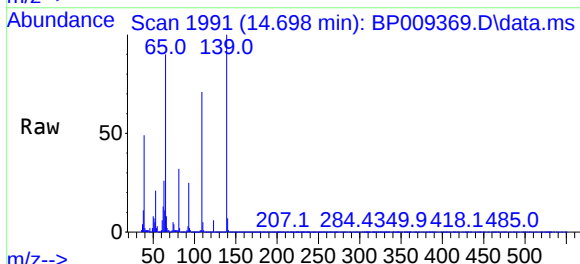
Tgt Ion:168 Resp: 2735409
Ion Ratio Lower Upper
168 100
139 37.3 29.1 43.7
169 13.3 10.6 16.0

Manual Integrations
APPROVED

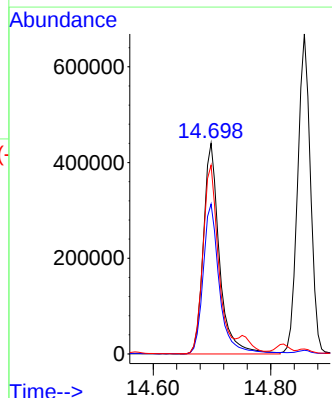
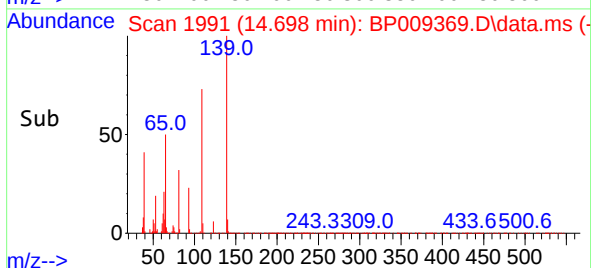
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

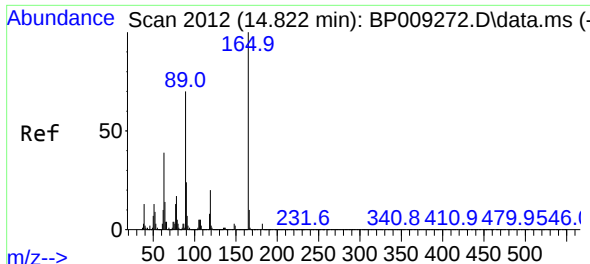


#56
4-Nitrophenol
Concen: 92.550 ng
RT: 14.698 min Scan# 1991
Delta R.T. 0.035 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



Tgt Ion:139 Resp: 834674
Ion Ratio Lower Upper
139 100
109 71.2 51.2 91.2
65 89.6 73.2 113.2





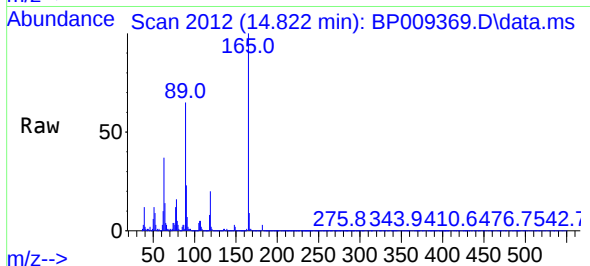
#57
2,4-Dinitrotoluene
Concen: 50.743 ng
RT: 14.822 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Instrument :

BNA_P

ClientSampleId :

HR-03-031022MSD

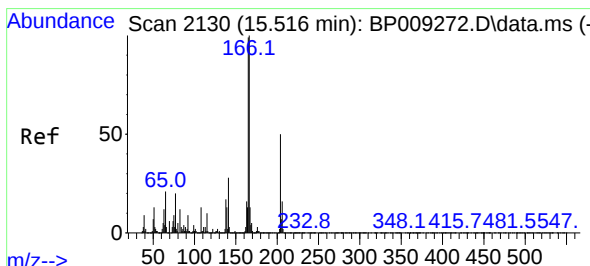
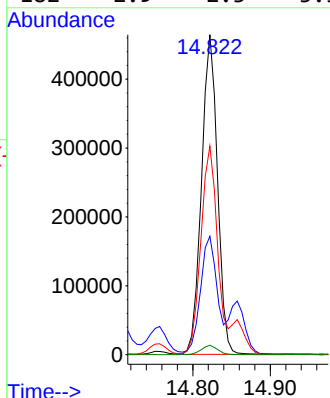
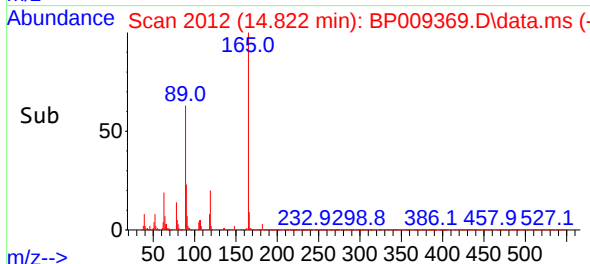


Tgt Ion:165 Resp: 663300
Ion Ratio Lower Upper
165 100
63 37.0 31.4 47.2
89 65.2 55.9 83.9
182 2.9 2.3 3.5

Manual Integrations

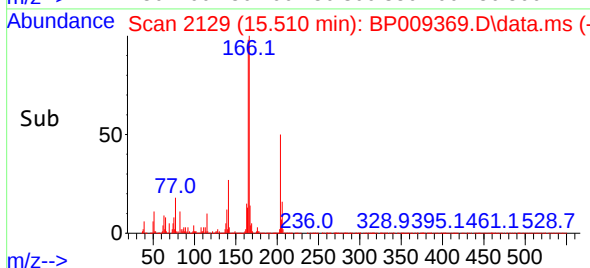
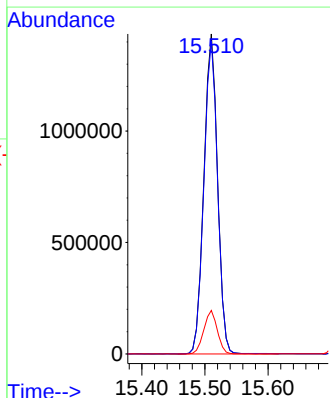
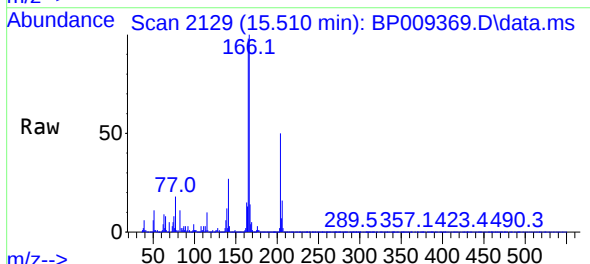
APPROVED

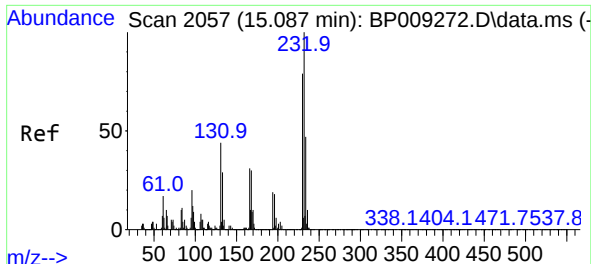
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#58
Fluorene
Concen: 42.301 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

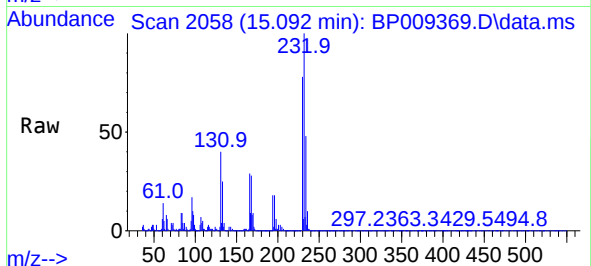
Tgt Ion:166 Resp: 2153918
Ion Ratio Lower Upper
166 100
165 97.8 79.2 118.8
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.089 ng
RT: 15.092 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

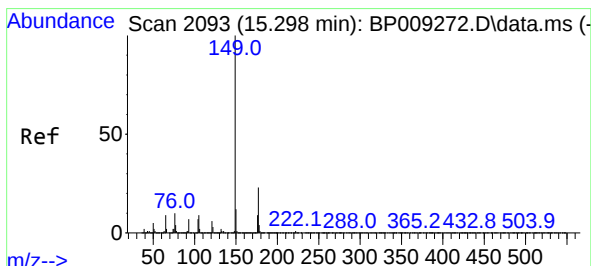
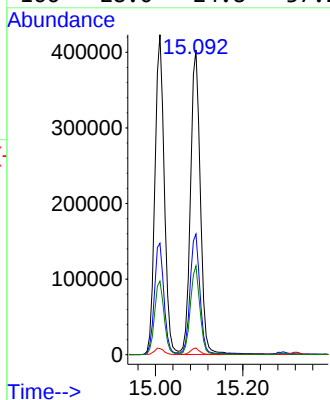
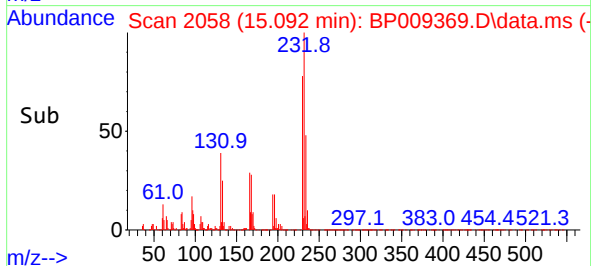
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:232 Resp: 62991
Ion Ratio Lower Upper
232 100
131 39.3 35.5 53.3
130 2.1 1.8 2.8
166 28.0 24.8 37.2

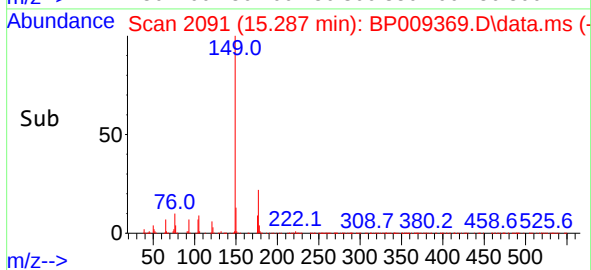
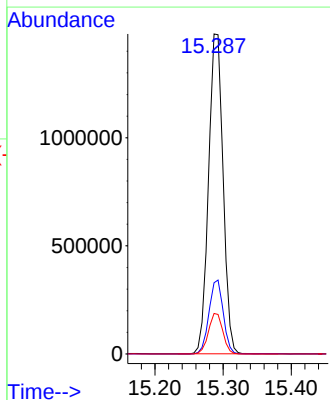
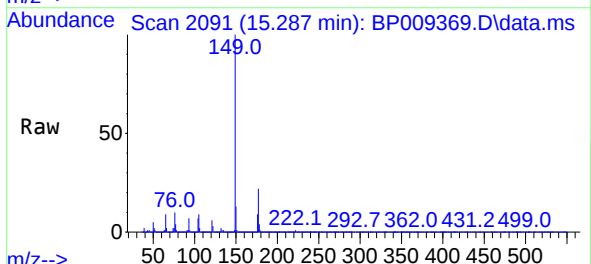
Manual Integrations
APPROVED

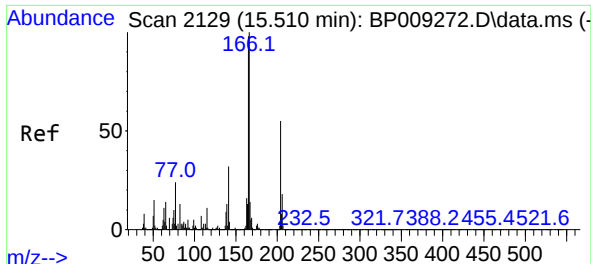
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#60
Diethylphthalate
Concen: 43.636 ng
RT: 15.287 min Scan# 2091
Delta R.T. -0.012 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

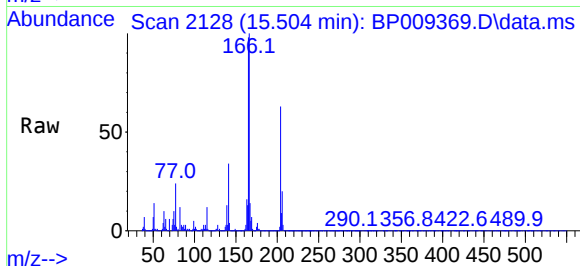
Tgt Ion:149 Resp: 2196356
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.2
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.108 ng
RT: 15.504 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

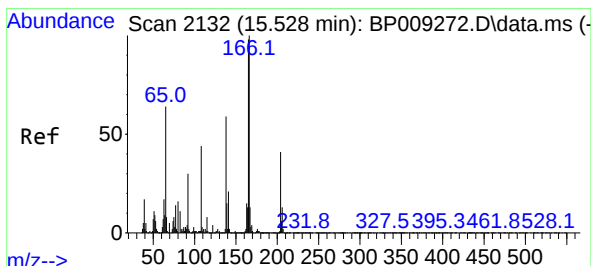
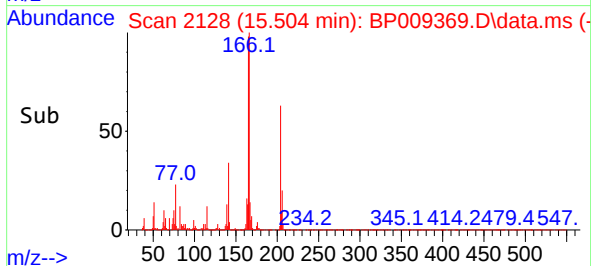
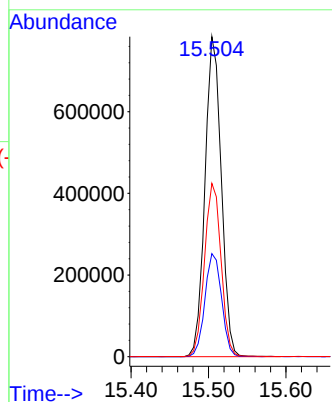
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:204 Resp: 114399
Ion Ratio Lower Upper
204 100
206 32.2 26.0 39.0
141 54.2 45.9 68.9

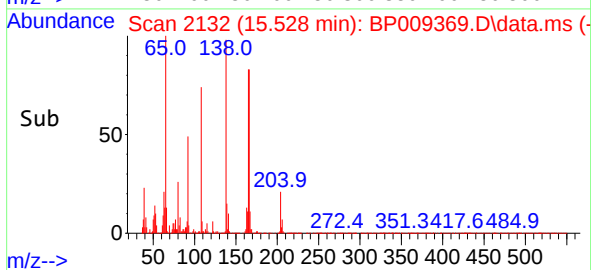
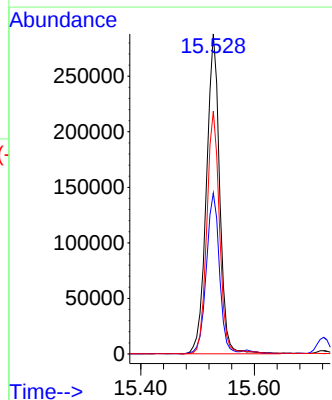
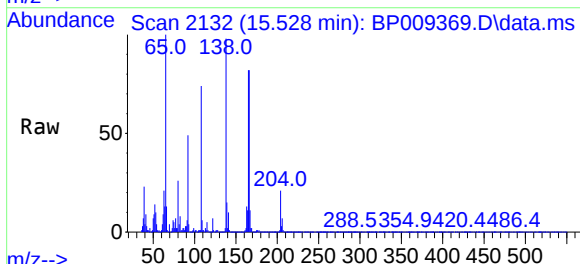
Manual Integrations
APPROVED

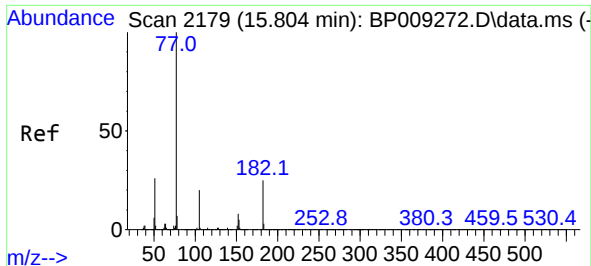
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#62
4-Nitroaniline
Concen: 44.257 ng
RT: 15.528 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

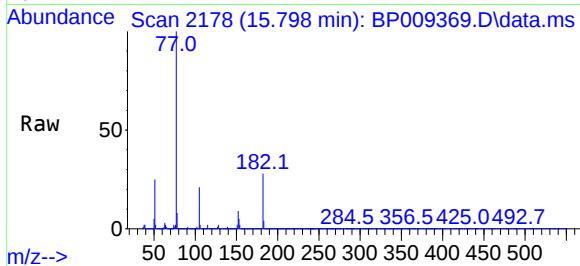
Tgt Ion:138 Resp: 465407
Ion Ratio Lower Upper
138 100
92 50.3 31.2 71.2
108 75.9 54.3 94.3





#63
Azobenzene
Concen: 40.234 ng
RT: 15.798 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

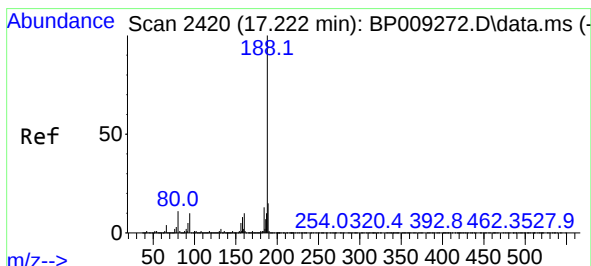
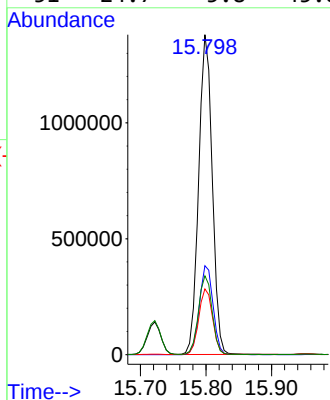
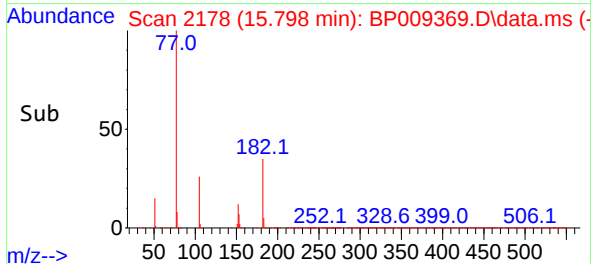
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



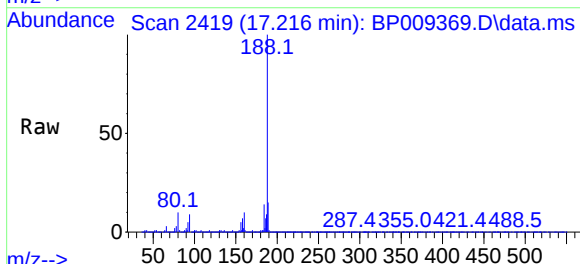
Tgt Ion: 77 Resp: 198956
Ion Ratio Lower Upper
77 100
182 27.8 5.4 45.4
105 20.5 0.3 40.3
51 24.7 5.8 45.8

Manual Integrations
APPROVED

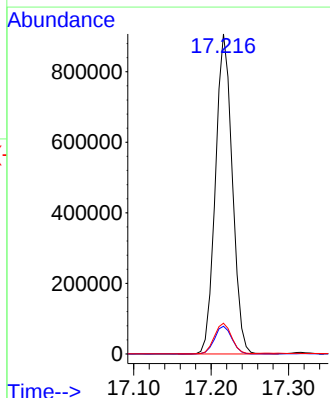
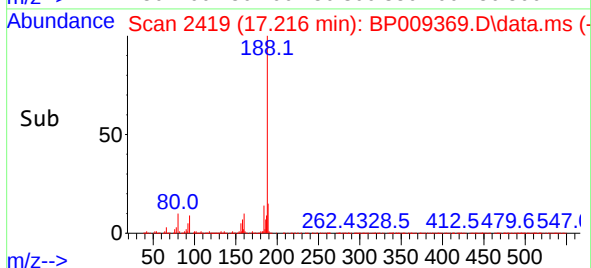
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

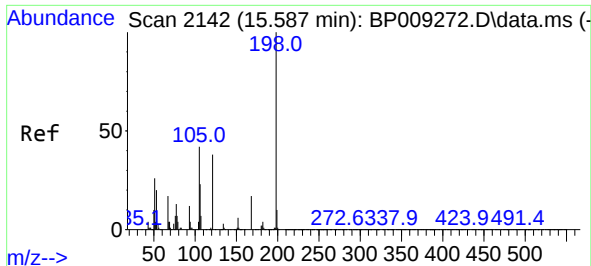


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



Tgt Ion:188 Resp: 1375046
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.6 8.8 13.2





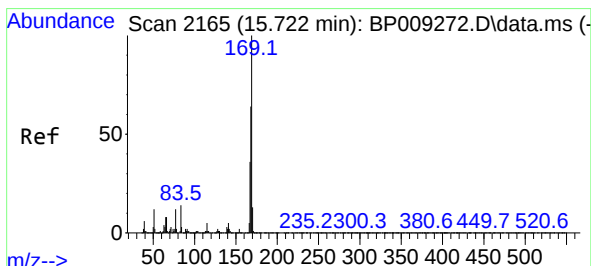
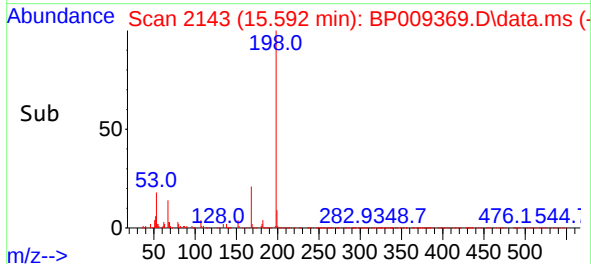
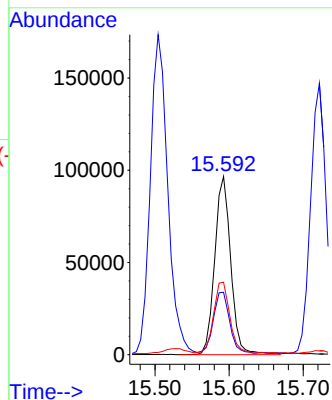
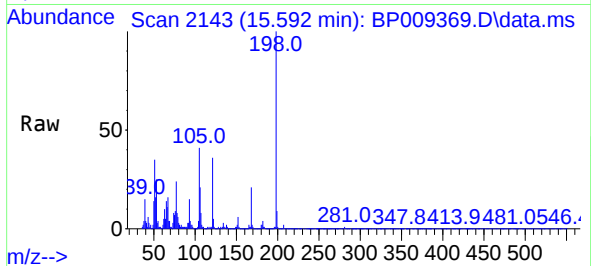
#65
4,6-Dinitro-2-methylphenol
Concen: 23.976 ng
RT: 15.592 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD

Tgt Ion:198 Resp: 14501
Ion Ratio Lower Upper
198 100
51 35.1 17.7 57.7
105 40.6 23.2 63.2

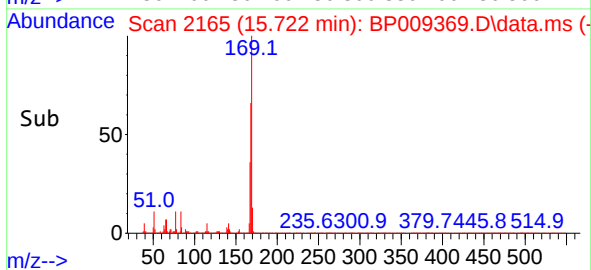
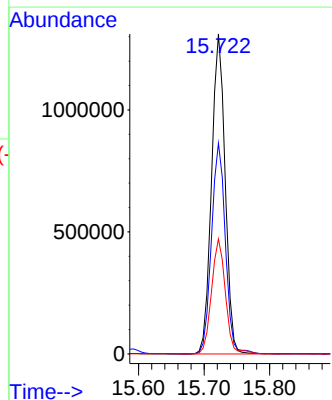
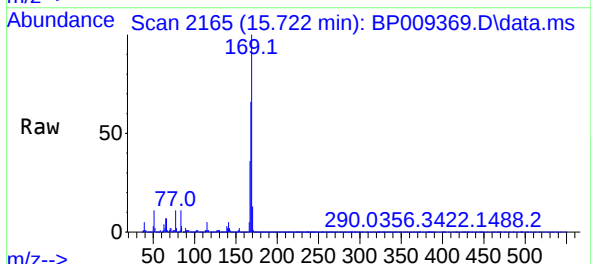
Manual Integrations
APPROVED

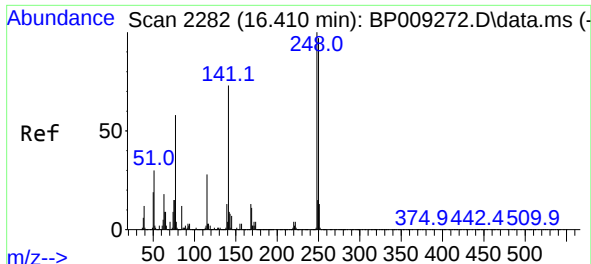
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#66
n-Nitrosodiphenylamine
Concen: 43.723 ng
RT: 15.722 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

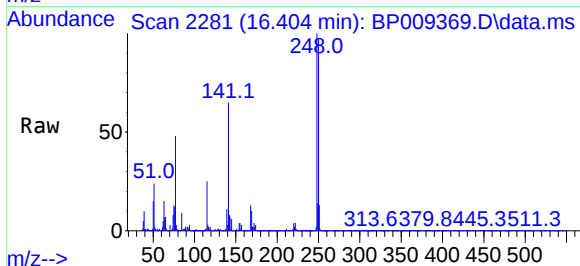
Tgt Ion:169 Resp: 1887251
Ion Ratio Lower Upper
169 100
168 65.9 51.6 77.4
167 36.0 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 49.460 ng
RT: 16.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

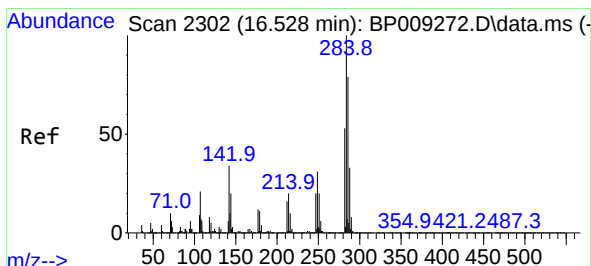
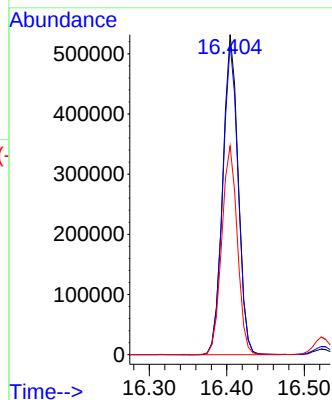
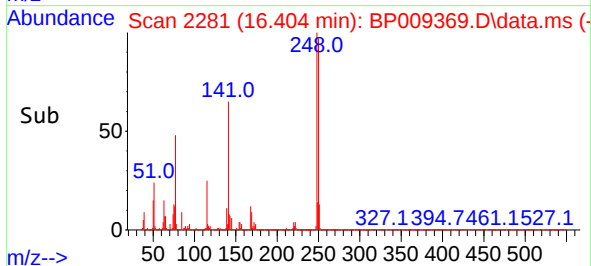
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:248 Resp: 73374
Ion Ratio Lower Upper
248 100
250 97.1 77.7 116.5
141 65.2 58.3 87.5

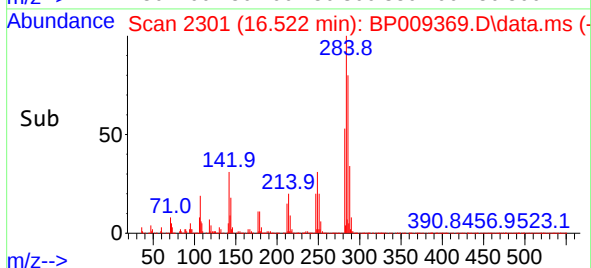
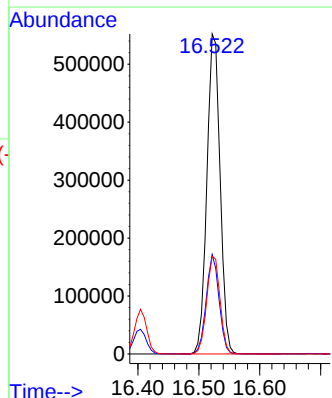
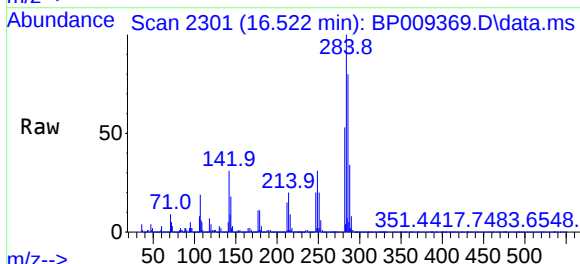
Manual Integrations
APPROVED

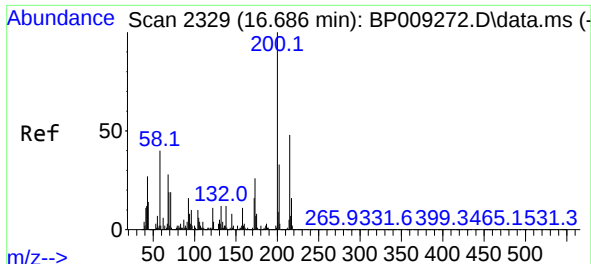
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#68
Hexachlorobenzene
Concen: 47.830 ng
RT: 16.522 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

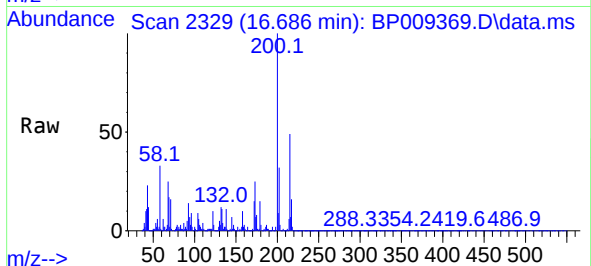
Tgt Ion:284 Resp: 832267
Ion Ratio Lower Upper
284 100
142 31.1 26.8 40.2
249 30.5 24.6 37.0





#69
Atrazine
Concen: 45.841 ng
RT: 16.686 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

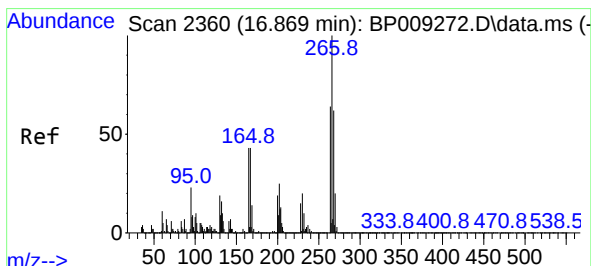
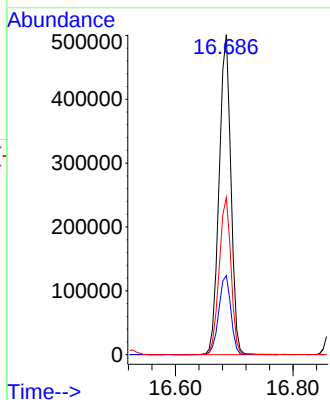
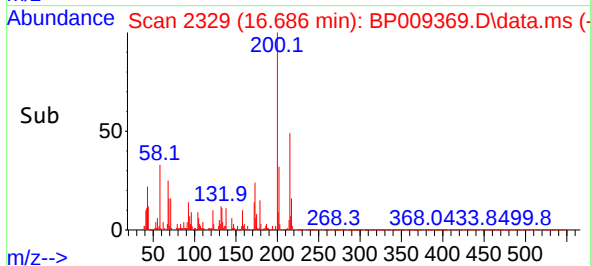
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



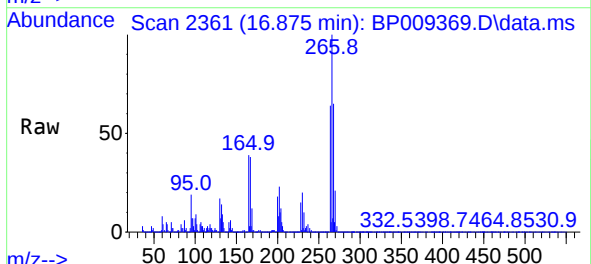
Tgt Ion:200 Resp: 69651
Ion Ratio Lower Upper
200 100
173 24.7 6.2 46.2
215 49.2 28.5 68.5

Manual Integrations
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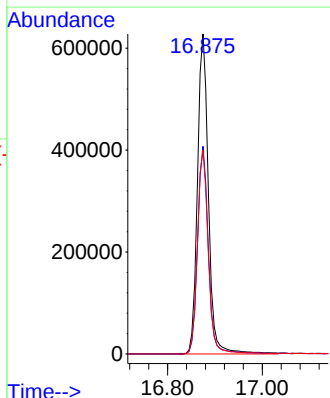
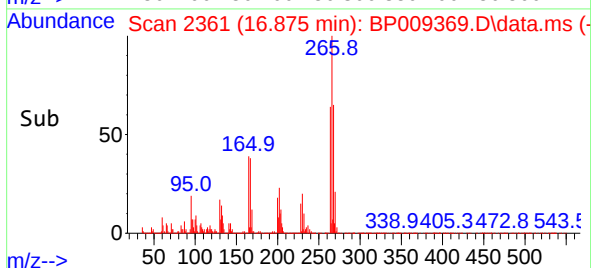
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

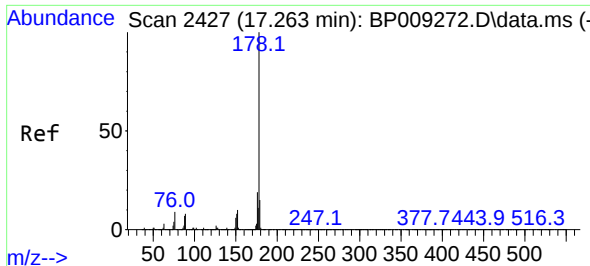


#70
Pentachlorophenol
Concen: 95.913 ng
RT: 16.875 min Scan# 2361
Delta R.T. 0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



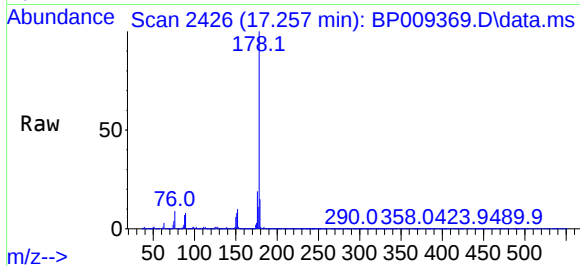
Tgt Ion:266 Resp: 1004491
Ion Ratio Lower Upper
266 100
268 64.9 49.8 74.8
264 63.7 50.9 76.3





#71
Phenanthrene
Concen: 42.063 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

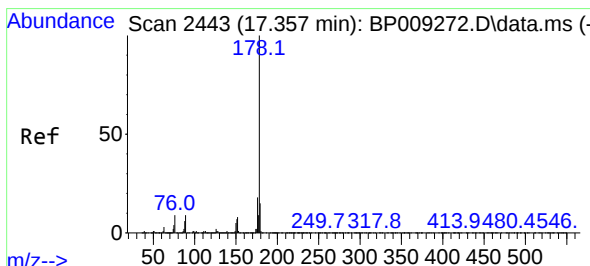
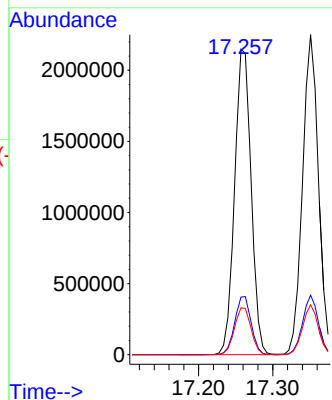
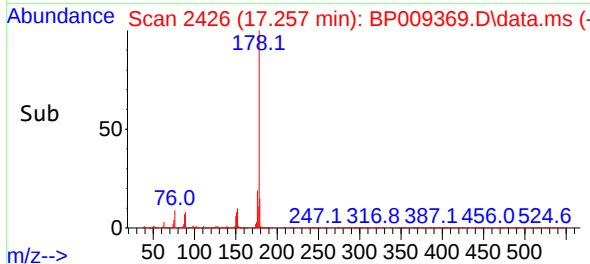
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:178 Resp: 3324040
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.3 12.3 18.5

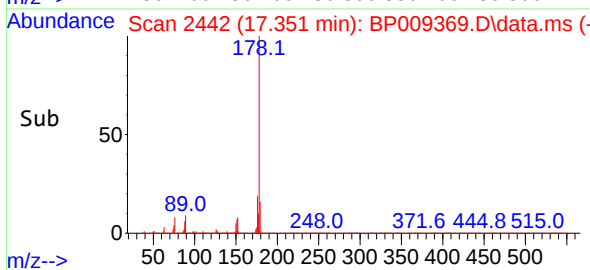
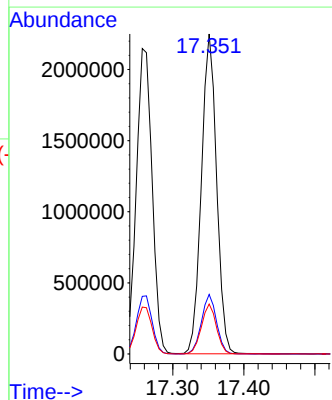
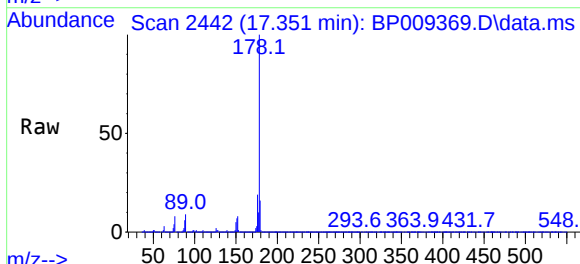
Manual Integrations
APPROVED

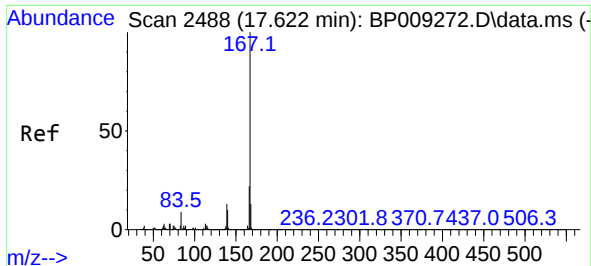
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#72
Anthracene
Concen: 42.629 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

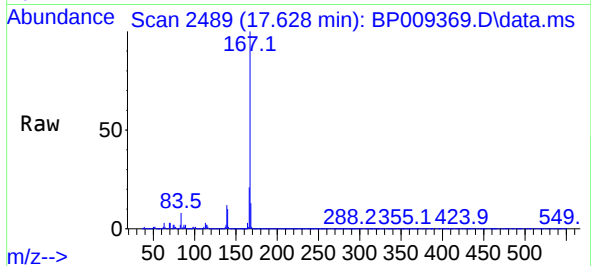
Tgt Ion:178 Resp: 3353084
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.2 18.4





#73
 Carbazole
 Concen: 42.666 ng
 RT: 17.628 min Scan# 2488
 Delta R.T. 0.006 min
 Lab File: BP009369.D
 Acq: 11 Mar 2022 17:32

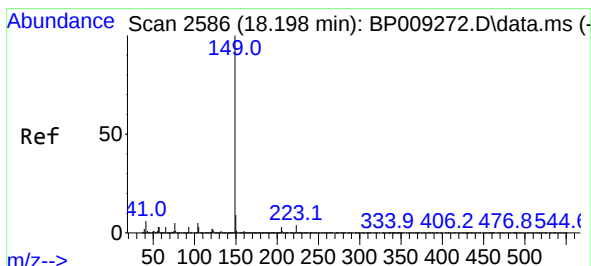
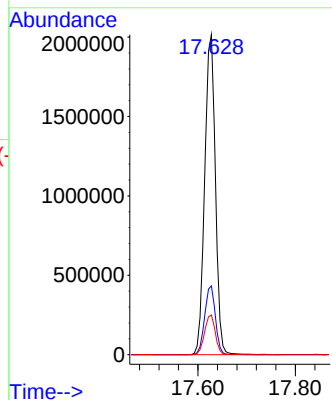
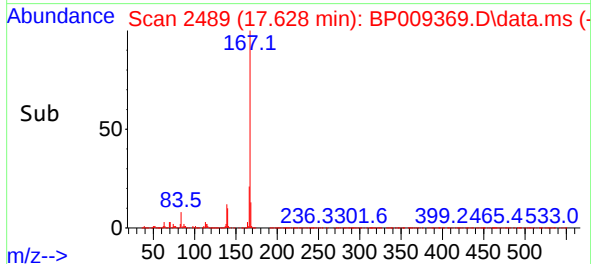
Instrument :
 BNA_P
 ClientSampleId :
 HR-03-031022MSD



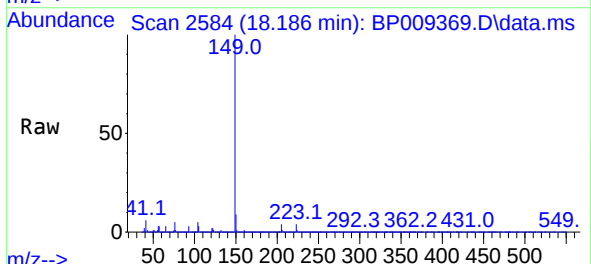
Tgt Ion:167 Resp: 3057938
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.4 10.3 15.5

Manual Integrations
 APPROVED

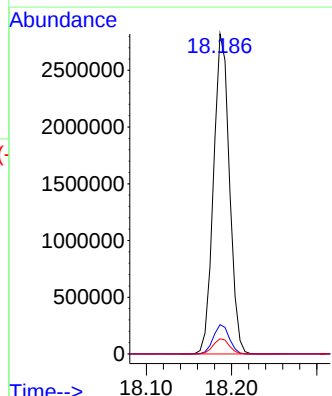
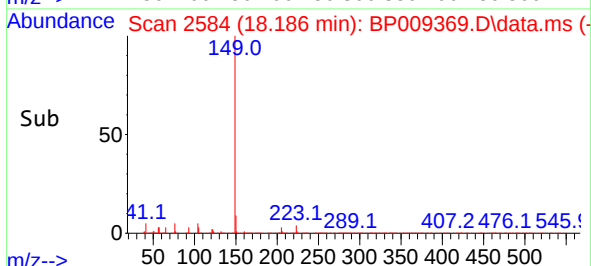
Reviewed By :Christian Giraldo 03/14/2022
 Supervised By :Jagrut Upadhyay 03/14/2022

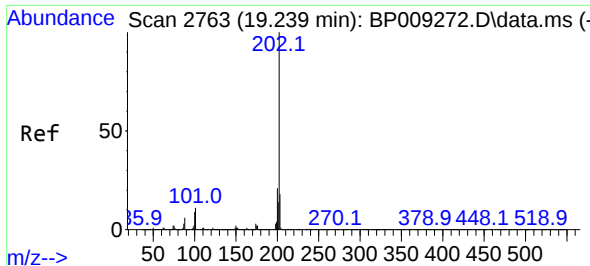


#74
 Di-n-butylphthalate
 Concen: 46.142 ng
 RT: 18.186 min Scan# 2584
 Delta R.T. -0.012 min
 Lab File: BP009369.D
 Acq: 11 Mar 2022 17:32



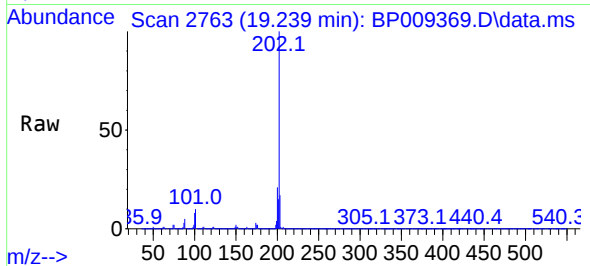
Tgt Ion:149 Resp: 3660278
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.8 4.2 6.2





#75
Fluoranthene
Concen: 41.712 ng
RT: 19.239 min Scan# 2763
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

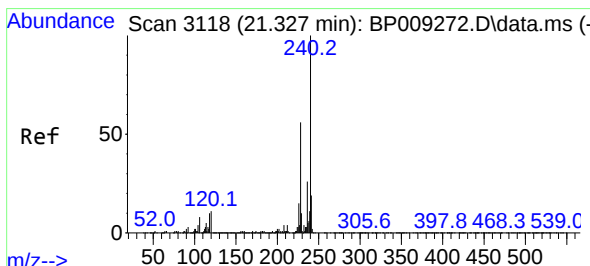
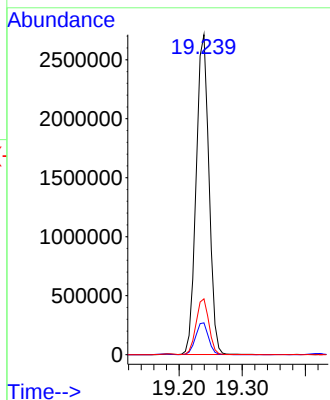
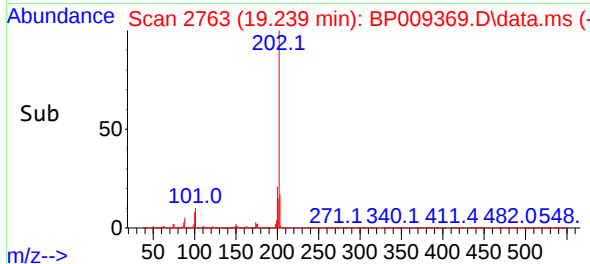
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:202 Resp: 3804638
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.5
203 17.5 0.0 37.8

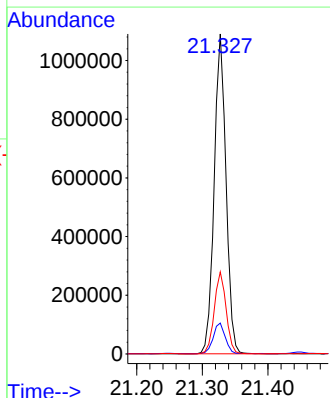
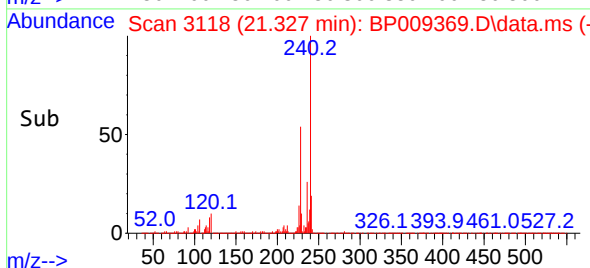
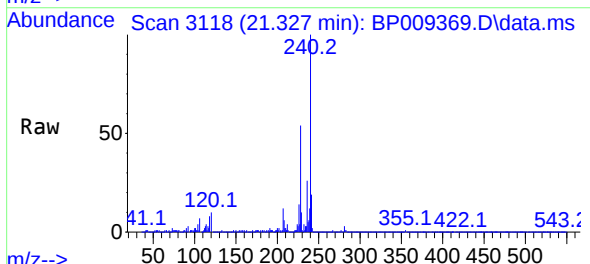
Manual Integrations
APPROVED

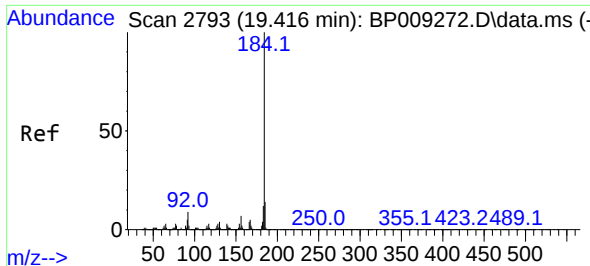
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

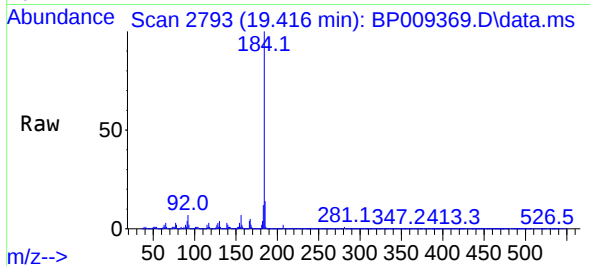
Tgt Ion:240 Resp: 1362467
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 25.7 20.6 30.8





#77
Benzidine
Concen: 40.291 ng
RT: 19.416 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

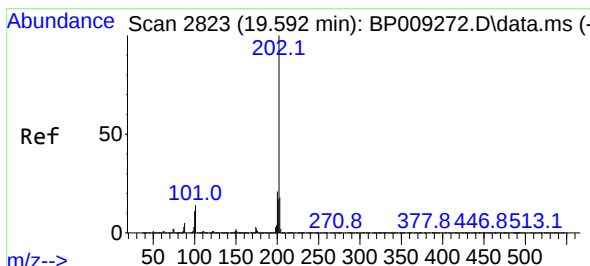
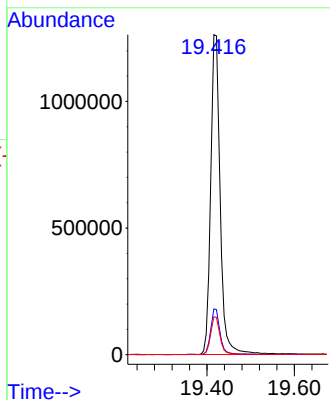
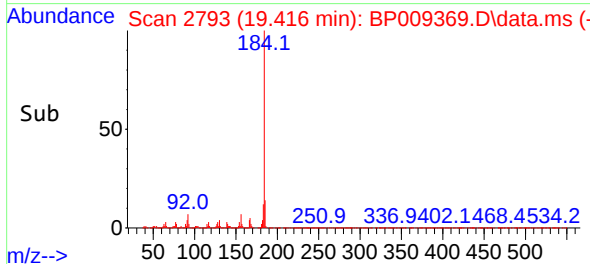
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:184 Resp: 1916070
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.8 9.4 14.0

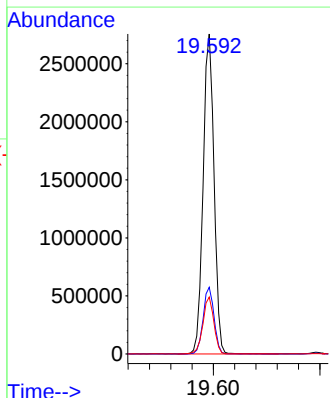
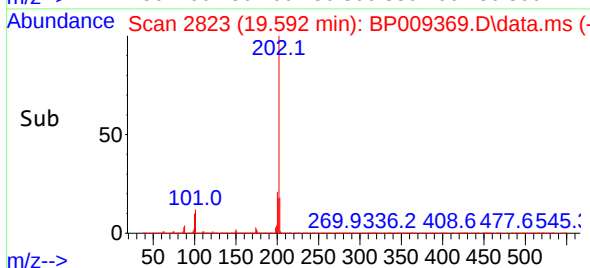
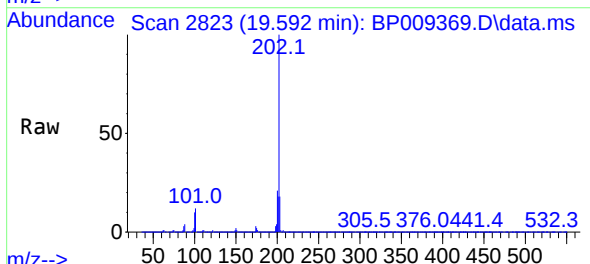
Manual Integrations
APPROVED

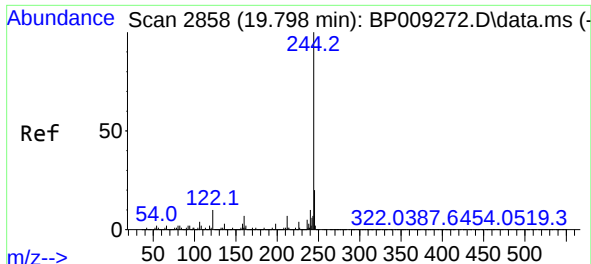
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#78
Pyrene
Concen: 42.419 ng
RT: 19.592 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Tgt Ion:202 Resp: 3902141
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.8 14.2 21.4





#79
Terphenyl-d14
Concen: 74.548 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Instrument :

BNA_P

ClientSampleId :

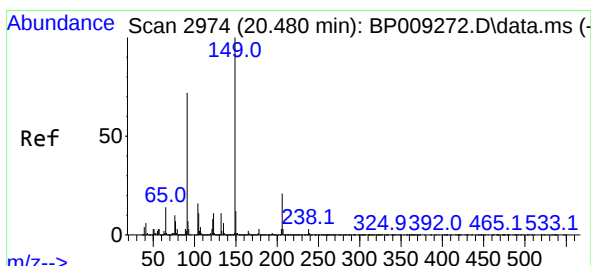
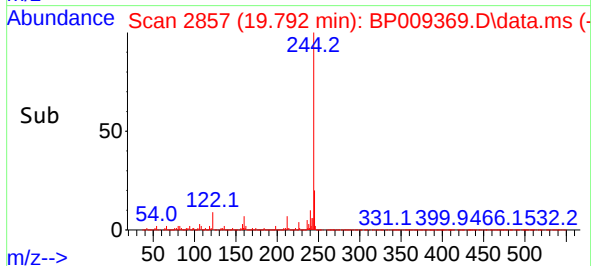
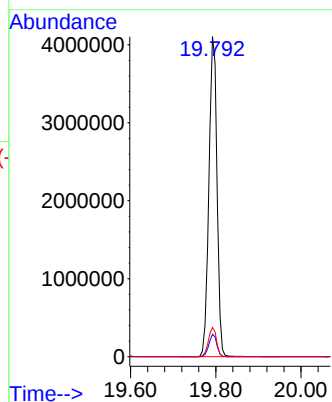
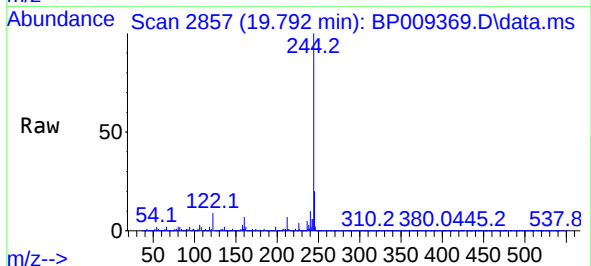
HR-03-031022MSD

Tgt Ion:244 Resp: 538221
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.1 8.3 12.5

Manual Integrations

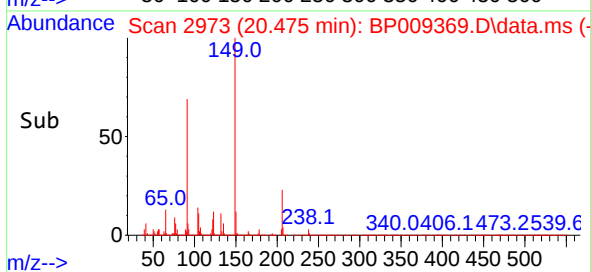
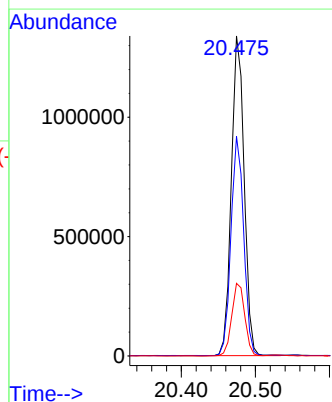
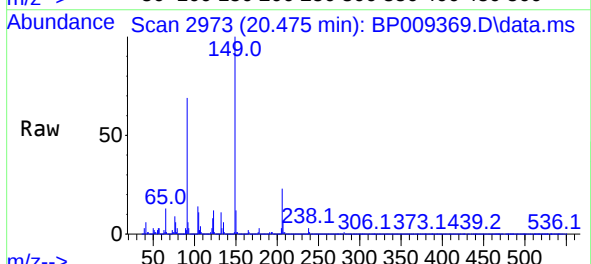
APPROVED

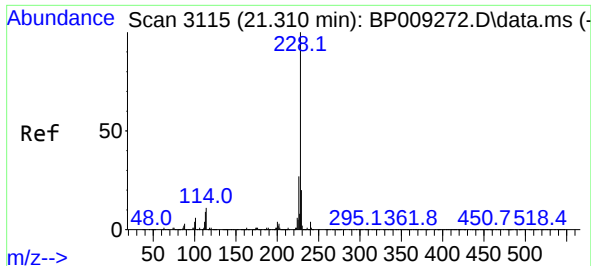
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#80
Butylbenzylphthalate
Concen: 48.345 ng
RT: 20.475 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

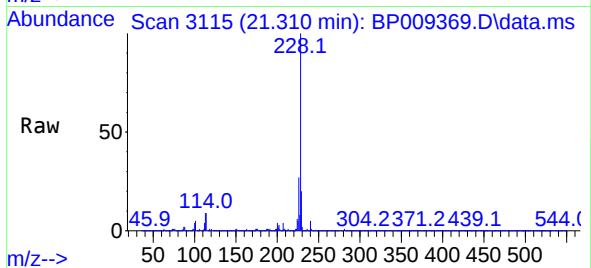
Tgt Ion:149 Resp: 1605221
Ion Ratio Lower Upper
149 100
91 68.6 57.9 86.9
206 22.7 16.9 25.3





#81
Benzo(a)anthracene
Concen: 43.972 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

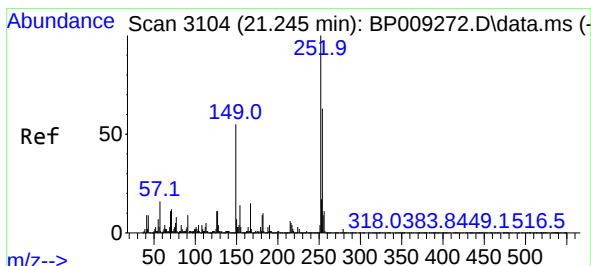
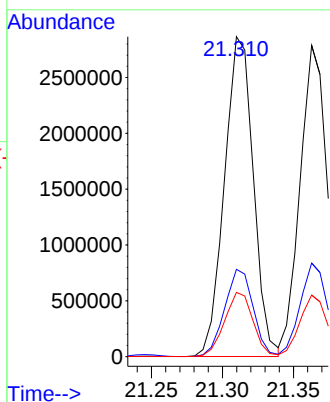
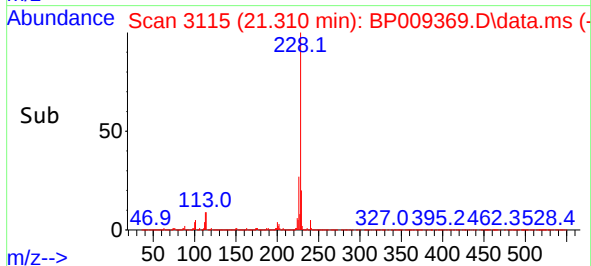
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



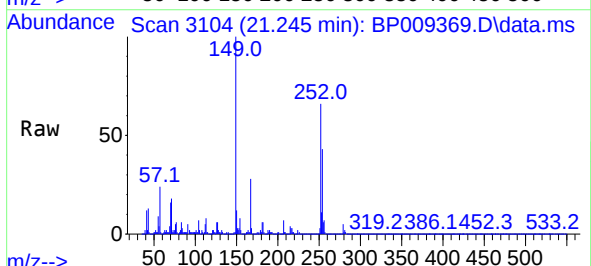
Tgt Ion:228 Resp: 4060652
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 20.1 16.1 24.1

Manual Integrations
APPROVED

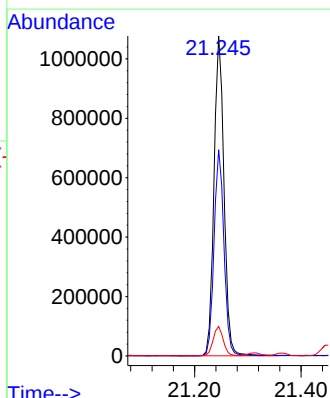
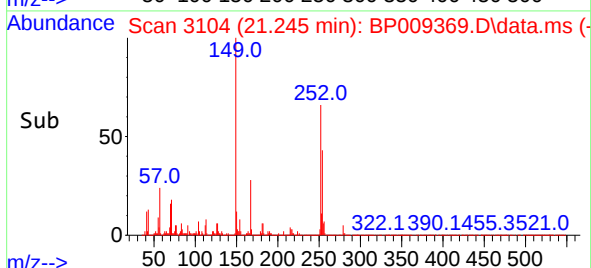
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

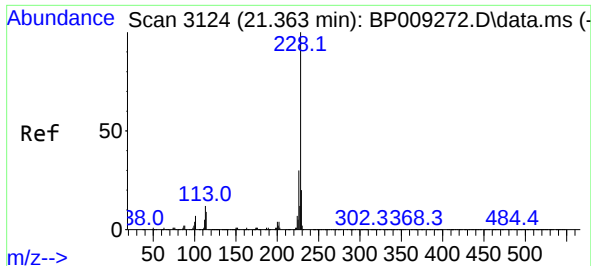


#82
3,3'-Dichlorobenzidine
Concen: 41.305 ng
RT: 21.245 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32



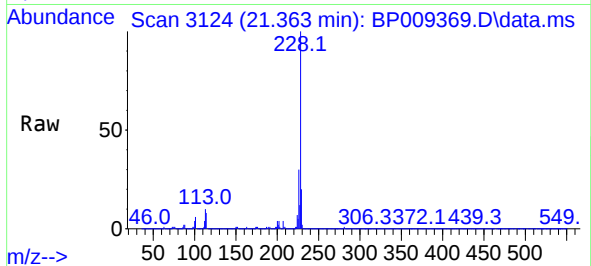
Tgt Ion:252 Resp: 1400178
Ion Ratio Lower Upper
252 100
254 64.5 50.7 76.1
126 9.3 8.9 13.3





#83
Chrysene
Concen: 41.348 ng
RT: 21.363 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

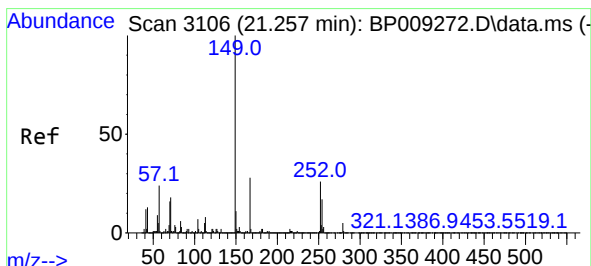
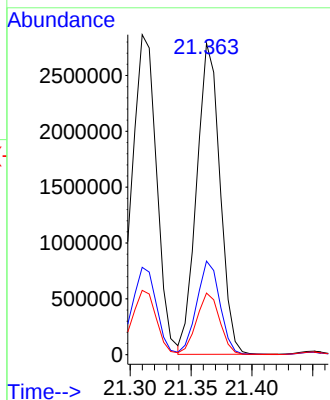
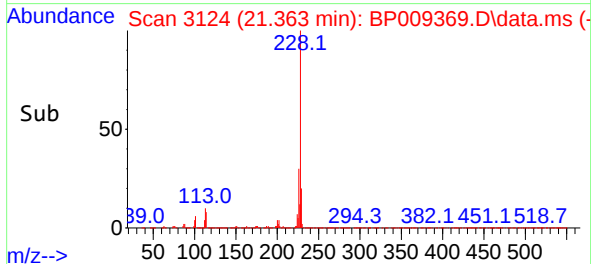
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:228 Resp: 370727
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.8 16.1 24.1

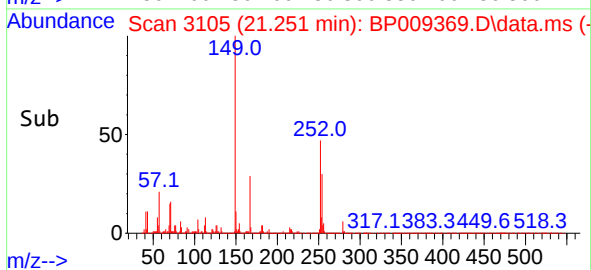
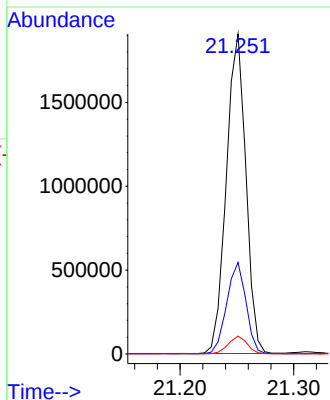
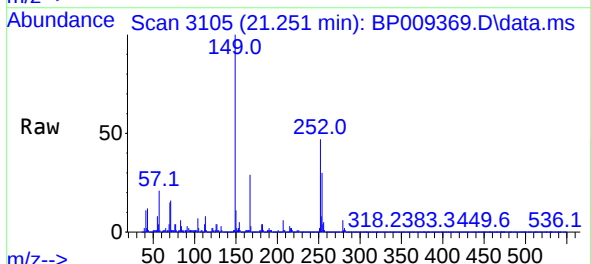
Manual Integrations
APPROVED

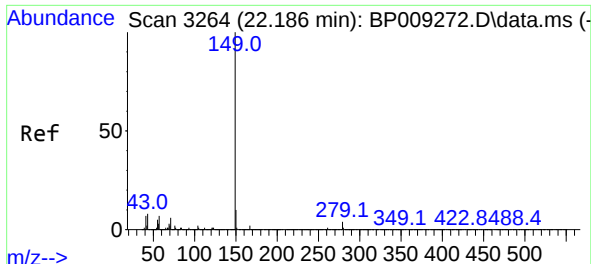
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.774 ng
RT: 21.251 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

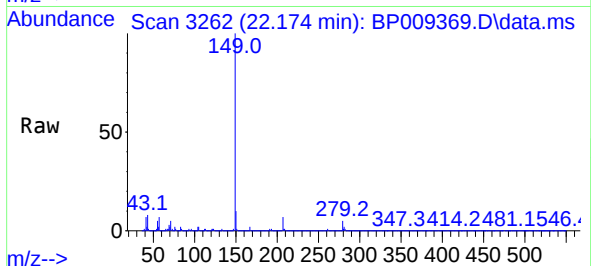
Tgt Ion:149 Resp: 2271447
Ion Ratio Lower Upper
149 100
167 28.6 22.6 33.8
279 5.6 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 46.785 ng
RT: 22.174 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

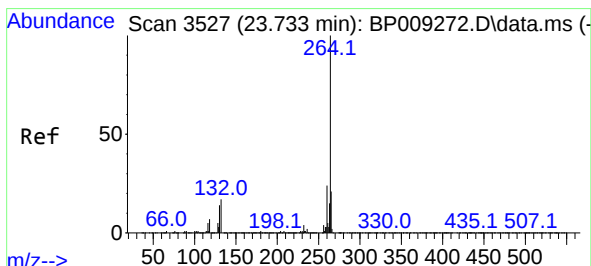
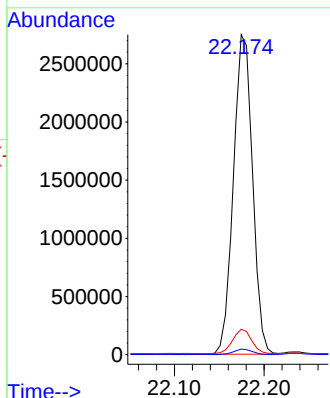
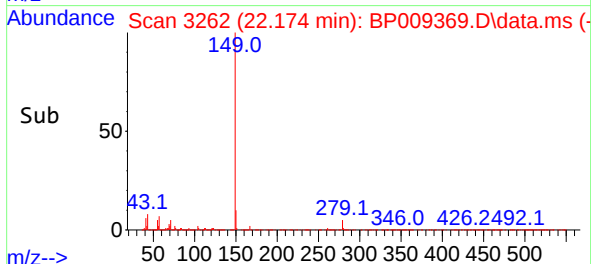
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:149 Resp: 406760
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 6.9 10.3

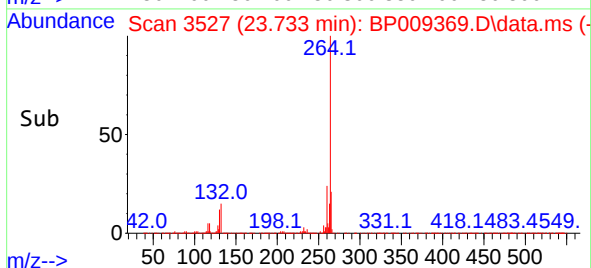
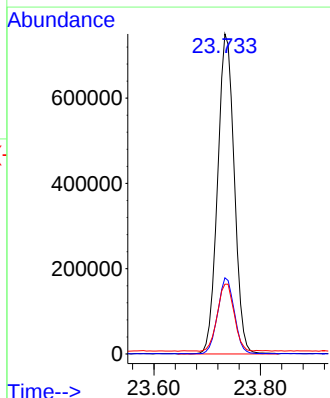
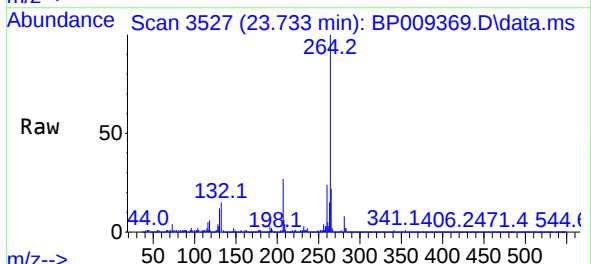
Manual Integrations
APPROVED

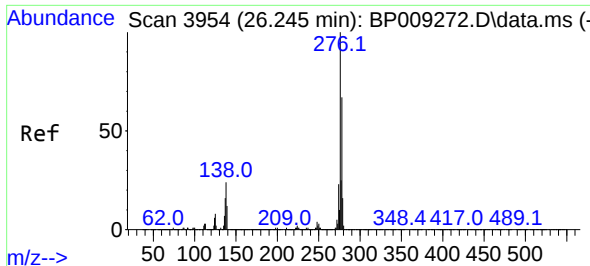
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3527
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Tgt Ion:264 Resp: 1630390
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 21.8 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.739 ng
RT: 26.251 min Scan# 3955
Delta R.T. 0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Instrument :

BNA_P

ClientSampleId :

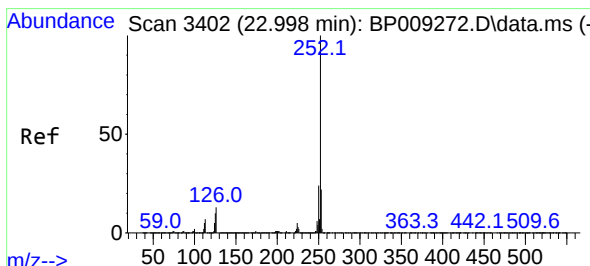
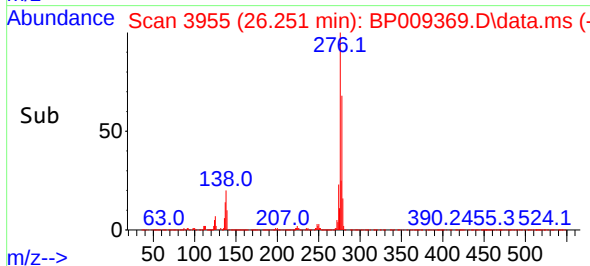
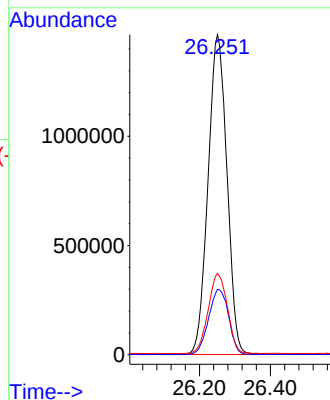
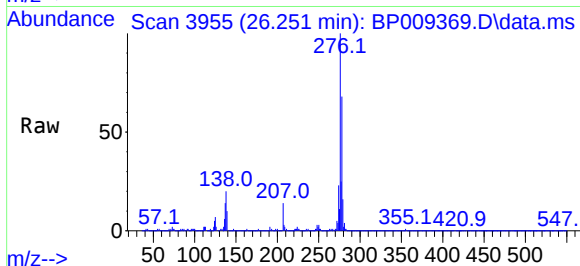
HR-03-031022MSD

Tgt Ion:276 Resp: 541387
Ion Ratio Lower Upper
276 100
138 21.5 20.5 30.7
277 25.4 20.4 30.6

Manual Integrations

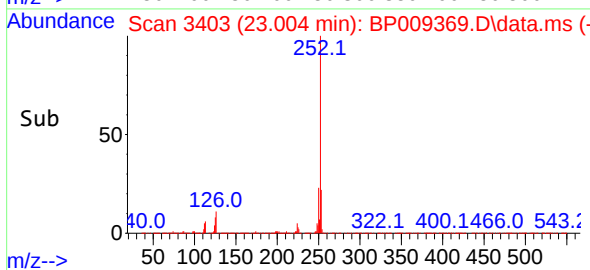
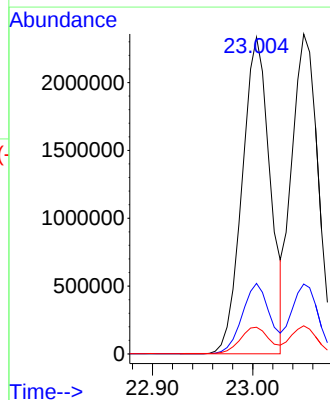
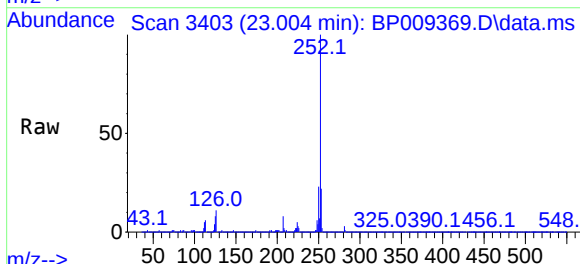
APPROVED

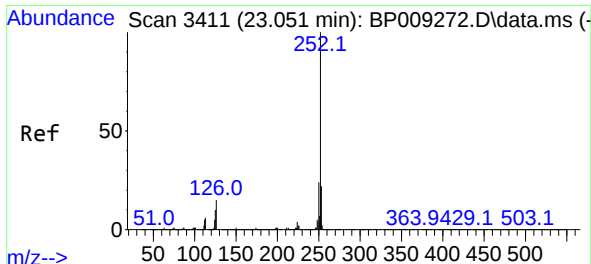
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#88
Benzo(b)fluoranthene
Concen: 41.126 ng
RT: 23.004 min Scan# 3403
Delta R.T. 0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Tgt Ion:252 Resp: 4527263
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.4 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 40.651 ng
RT: 23.051 min Scan# 3411
Delta R.T. 0.000 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Instrument :

BNA_P

ClientSampleId :

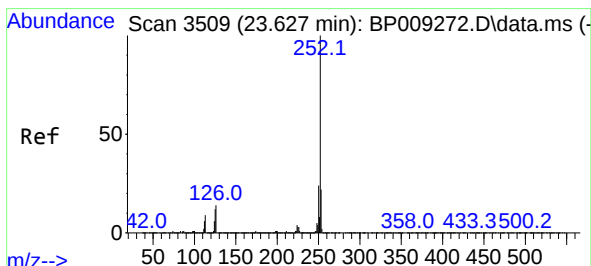
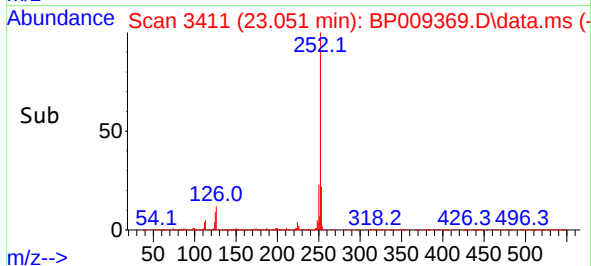
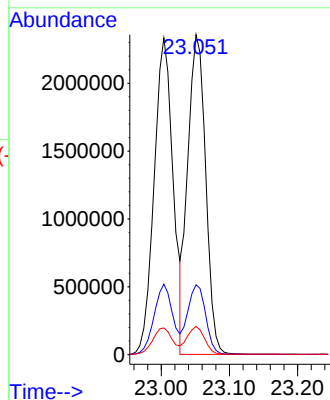
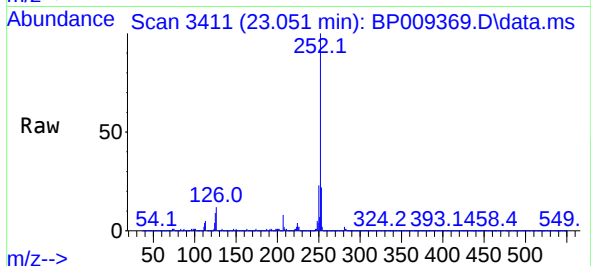
HR-03-031022MSD

Tgt Ion:252 Resp: 427511
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.8 8.3 12.5

Manual Integrations

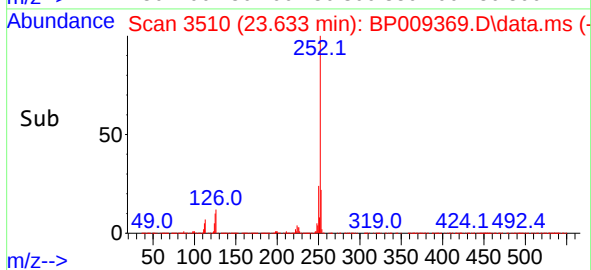
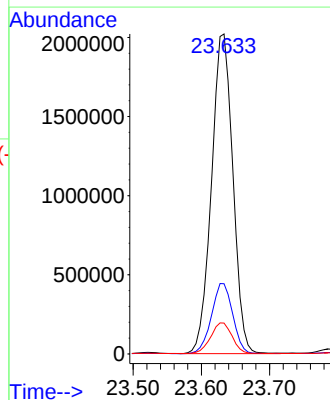
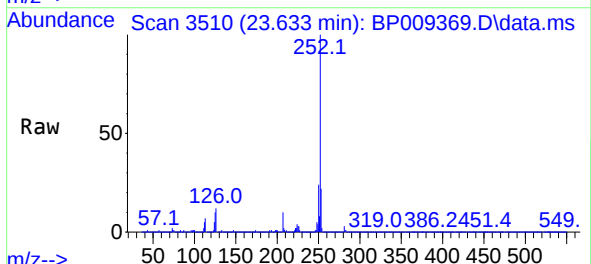
APPROVED

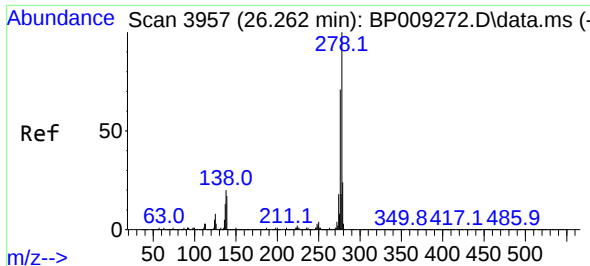
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#90
Benzo(a)pyrene
Concen: 42.281 ng
RT: 23.633 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

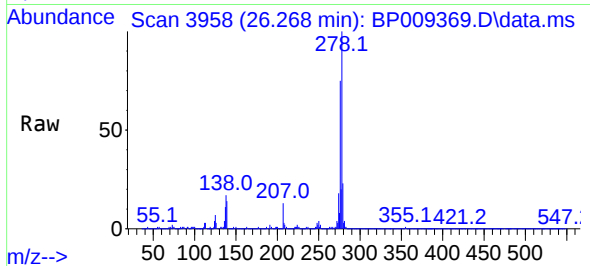
Tgt Ion:252 Resp: 4414455
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.6 9.3 13.9





#91
Dibenzo(a,h)anthracene
Concen: 44.198 ng
RT: 26.268 min Scan# 3957
Delta R.T. 0.006 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

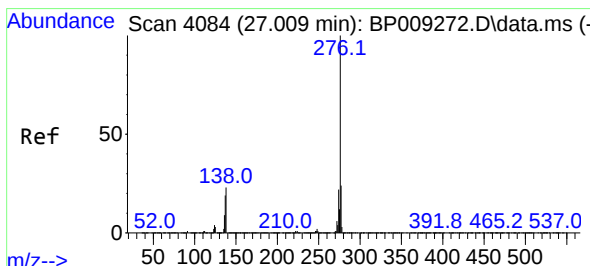
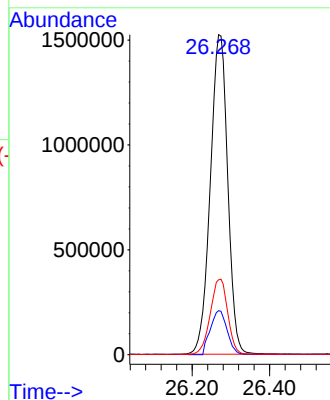
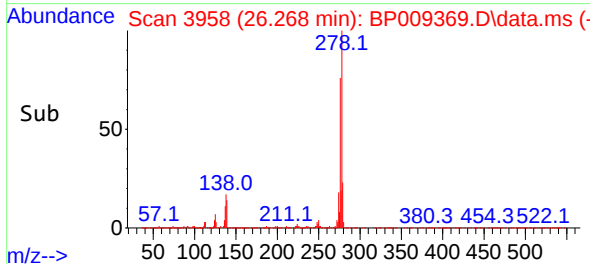
Instrument :
BNA_P
ClientSampleId :
HR-03-031022MSD



Tgt Ion:278 Resp: 4747428
Ion Ratio Lower Upper
278 100
139 13.7 13.2 19.8
279 23.4 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#92
Benzo(g,h,i)perylene
Concen: 44.860 ng
RT: 27.021 min Scan# 4086
Delta R.T. 0.012 min
Lab File: BP009369.D
Acq: 11 Mar 2022 17:32

Tgt Ion:276 Resp: 4760169
Ion Ratio Lower Upper
276 100
277 24.5 19.2 28.8
138 17.7 18.0 27.0#

