

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
 Data File : BP012713.D
 Acq On : 23 Nov 2022 16:40
 Operator : CG/JU
 Sample : N5740-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-12MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/25/2022
 Supervised By : Jagrut Upadhyay 11/25/2022

Quant Time: Nov 24 02:30:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 00:38:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	384191	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	1381882	20.000	ng	0.00
39) Acenaphthene-d10	14.669	164	746976	20.000	ng	0.00
64) Phenanthrene-d10	17.422	188	1451539	20.000	ng	0.00
76) Chrysene-d12	21.510	240	1530678	20.000	ng	0.00
86) Perylene-d12	24.033	264	1750945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2946329	166.142	ng	0.00
7) Phenol-d6	7.181	99	3343526	131.467	ng	0.00
23) Nitrobenzene-d5	9.199	82	2101887	84.829	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	1236968	128.347	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	4706809	89.770	ng	0.00
79) Terphenyl-d14	19.969	244	6948488	96.481	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	432453	57.866	ng	# 45
3) Pyridine	3.858	79	1038574	43.739	ng	97
4) n-Nitrosodimethylamine	3.764	42	523249	50.389	ng	# 87
6) Aniline	7.352	93	1187308	36.929	ng	99
8) 2-Chlorophenol	7.593	128	1177514	51.479	ng	99
9) Benzaldehyde	7.164	77	543988	32.167	ng	97
10) Phenol	7.211	94	1265585	43.669	ng	97
11) bis(2-Chloroethyl)ether	7.452	93	1165491	46.058	ng	98
12) 1,3-Dichlorobenzene	7.922	146	1218644	42.873	ng	98
13) 1,4-Dichlorobenzene	8.069	146	1235275	42.314	ng	99
14) 1,2-Dichlorobenzene	8.387	146	1205862	42.512	ng	99
15) Benzyl Alcohol	8.269	79	898973m	49.717	ng	
16) 2,2'-oxybis(1-Chloropr...	8.563	45	1573555	41.965	ng	99
17) 2-Methylphenol	8.469	107	912287	46.090	ng	98
18) Hexachloroethane	9.122	117	411926	38.626	ng	95
19) n-Nitroso-di-n-propyla...	8.846	70	777647	43.318	ng	95
20) 3+4-Methylphenols	8.799	107	1173053	44.012	ng	99
22) Acetophenone	8.858	105	1677611	49.730	ng	98
24) Nitrobenzene	9.240	77	1176840	46.415	ng	98
25) Isophorone	9.769	82	2180608	47.996	ng	100
26) 2-Nitrophenol	9.957	139	512630	58.225	ng	99
27) 2,4-Dimethylphenol	10.010	122	1005409	64.537	ng	98
28) bis(2-Chloroethoxy)met...	10.252	93	1393802	51.872	ng	99
29) 2,4-Dichlorophenol	10.487	162	1024675	47.977	ng	99
30) 1,2,4-Trichlorobenzene	10.710	180	1093586	44.058	ng	99
31) Naphthalene	10.905	128	3320059	44.268	ng	99
32) Benzoic acid	10.087	122	239874	34.180	ng	97
33) 4-Chloroaniline	11.005	127	336013	12.295	ng	99
34) Hexachlorobutadiene	11.187	225	660247	42.389	ng	98
35) Caprolactam	11.775	113	242481	42.528	ng	95
36) 4-Chloro-3-methylphenol	12.116	107	966211	46.521	ng	98
37) 2-Methylnaphthalene	12.504	142	2240191	41.928	ng	99
38) 1-Methylnaphthalene	12.722	142	2112459	40.267	ng	100
40) 1,2,4,5-Tetrachloroben...	12.863	216	1211678	50.959	ng	99
41) Hexachlorocyclopentadiene	12.846	237	1138736	100.696	ng	99
43) 2,4,6-Trichlorophenol	13.099	196	781368	48.877	ng	99

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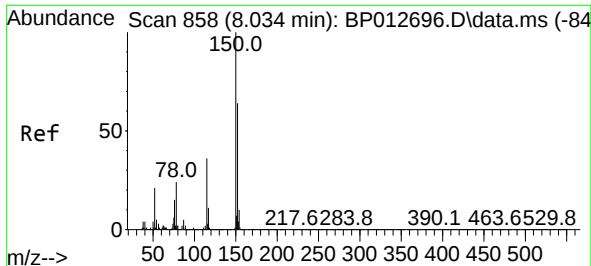
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.169	196	843010	54.781	ng	97
46) 1,1'-Biphenyl	13.504	154	2838709	50.236	ng	99
47) 2-Chloronaphthalene	13.546	162	2189683	48.934	ng	99
48) 2-Nitroaniline	13.746	65	459788	40.323	ng	95
49) Acenaphthylene	14.393	152	3368672	47.405	ng	99
50) Dimethylphthalate	14.122	163	2632318	47.893	ng	99
51) 2,6-Dinitrotoluene	14.234	165	514795	44.566	ng	99
52) Acenaphthene	14.734	154	2086461	46.330	ng	96
53) 3-Nitroaniline	14.563	138	345558	27.649	ng	# 98
54) 2,4-Dinitrophenol	14.763	184	132490	32.108	ng	97
55) Dibenzofuran	15.063	168	3218059	45.941	ng	99
56) 4-Nitrophenol	14.863	139	939662	82.099	ng	96
57) 2,4-Dinitrotoluene	15.022	165	666508	39.522	ng	96
58) Fluorene	15.716	166	2522636	43.803	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.287	232	731605	48.589	ng	99
60) Diethylphthalate	15.487	149	2450664	47.146	ng	100
61) 4-Chlorophenyl-phenylether	15.710	204	1266205	44.286	ng	99
62) 4-Nitroaniline	15.728	138	510785	39.313	ng	97
63) Azobenzene	16.004	77	2318058	42.312	ng	96
65) 4,6-Dinitro-2-methylphthalate	15.781	198	167445	30.884	ng	99
66) n-Nitrosodiphenylamine	15.922	169	2133184	52.581	ng	98
67) 4-Bromophenyl-phenylether	16.610	248	771248	51.947	ng	100
68) Hexachlorobenzene	16.722	284	900384	49.081	ng	99
69) Atrazine	16.875	200	715564	55.903	ng	99
70) Pentachlorophenol	17.063	266	1152979	108.690	ng	99
71) Phenanthrene	17.463	178	3953457	48.149	ng	99
72) Anthracene	17.557	178	3959662	50.752	ng	99
73) Carbazole	17.822	167	3688558	52.329	ng	99
74) Di-n-butylphthalate	18.375	149	4149914	54.253	ng	98
75) Fluoranthene	19.422	202	4604183	47.531	ng	99
77) Benzidine	19.598	184	2596001	287.820	ng	99
78) Pyrene	19.775	202	4820884	47.704	ng	100
80) Butylbenzylphthalate	20.645	149	1269048	76.027	ng	96
81) Benzo(a)anthracene	21.492	228	4969934	48.043	ng	99
82) 3,3'-Dichlorobenzidine	21.416	252	977484	40.230	ng	98
83) Chrysene	21.551	228	4716935	47.636	ng	99
84) Bis(2-ethylhexyl)phthalate	21.416	149	2205263	69.342	ng	97
85) Di-n-octyl phthalate	22.386	149	4261218	69.005	ng	# 87
87) Indeno(1,2,3-cd)pyrene	26.686	276	6988593	56.988	ng	100
88) Benzo(b)fluoranthene	23.263	252	5651125	48.233	ng	99
89) Benzo(k)fluoranthene	23.310	252	5515297	45.927	ng	100
90) Benzo(a)pyrene	23.921	252	4982270	53.341	ng	99
91) Dibenzo(a,h)anthracene	26.710	278	6005968	57.455	ng	99
92) Benzo(g,h,i)perylene	27.504	276	5914892	62.698	ng	99

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



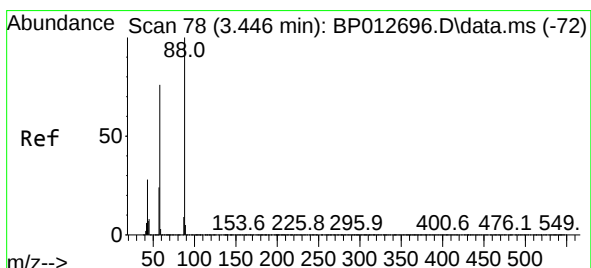
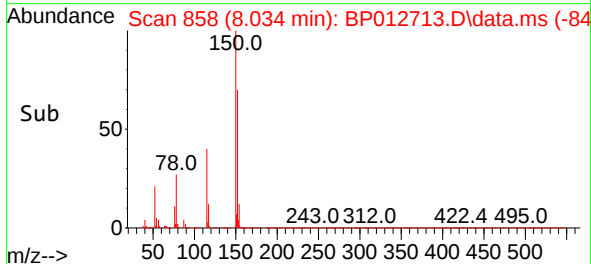
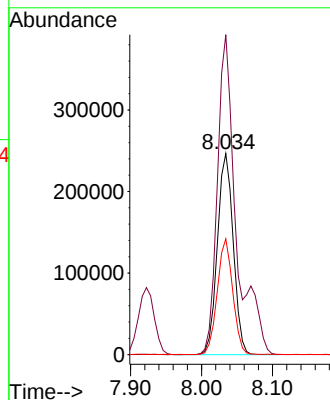
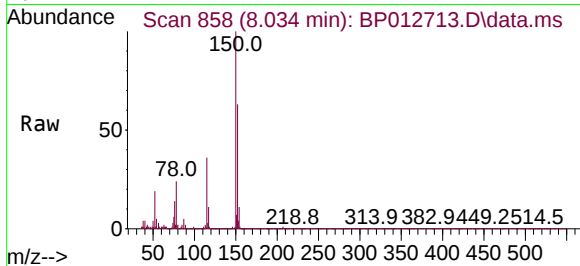
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.034 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BP012713.D
 Acq: 23 Nov 2022 16:40

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Tgt Ion: 152 Resp: 384191
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.0 189.0
 115 57.6 44.9 67.3

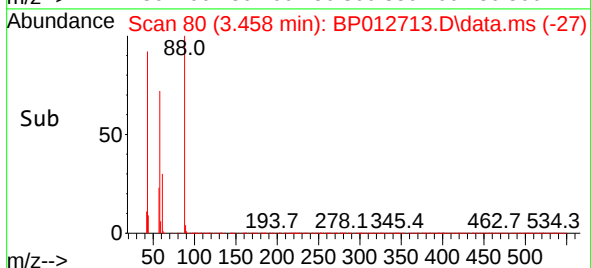
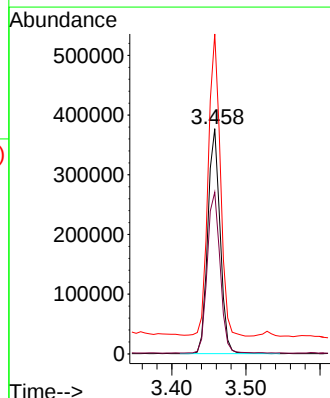
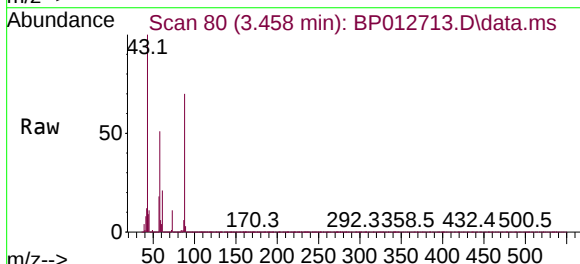
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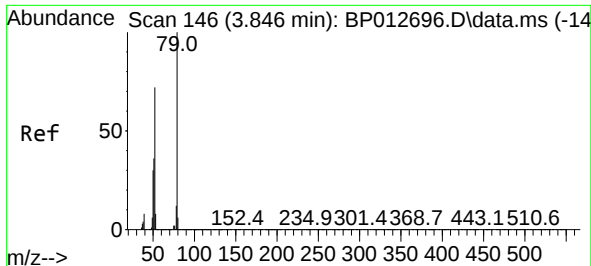
Reviewed By : Christian Giraldo 11/25/2022
 Supervised By : Jagrut Upadhyay 11/25/2022



#2
 1,4-Dioxane
 Concen: 57.866 ng
 RT: 3.458 min Scan# 80
 Delta R.T. 0.012 min
 Lab File: BP012713.D
 Acq: 23 Nov 2022 16:40

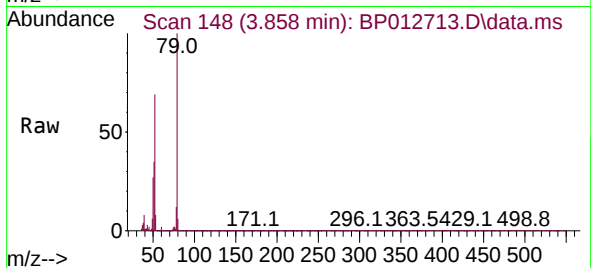
Tgt Ion: 88 Resp: 432453
 Ion Ratio Lower Upper
 88 100
 58 74.5 59.0 88.4
 43 132.3 23.0 34.4





#3
 Pyridine
 Concen: 43.739 ng
 RT: 3.858 min Scan# 146
 Delta R.T. 0.012 min
 Lab File: BP012713.D
 Acq: 23 Nov 2022 16:40

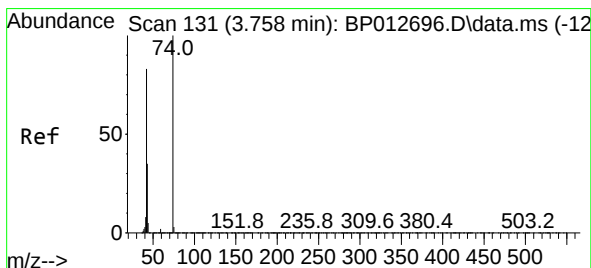
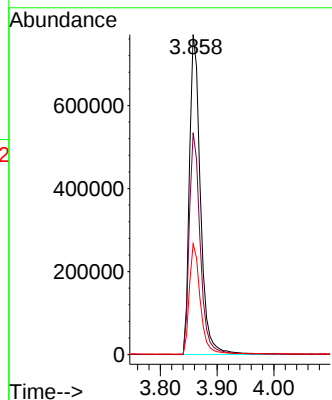
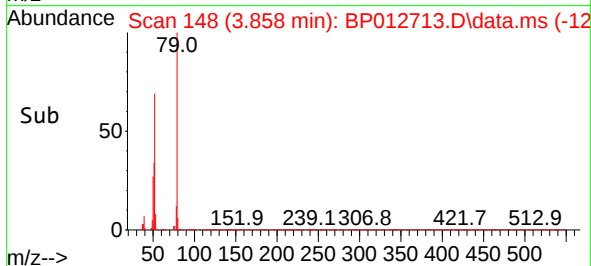
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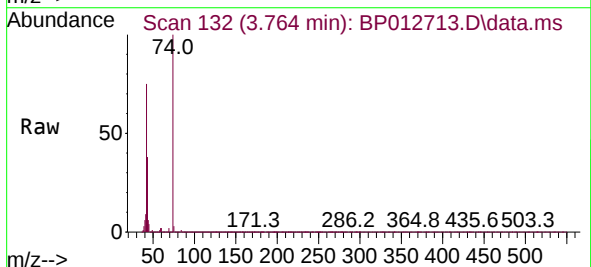
Tgt Ion: 79 Resp: 1038574
 Ion Ratio Lower Upper
 79 100
 52 69.3 57.7 86.5
 51 34.7 29.4 44.0

Manual Integrations
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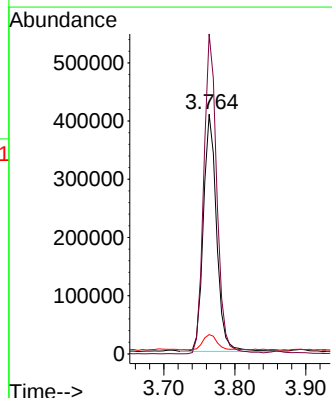
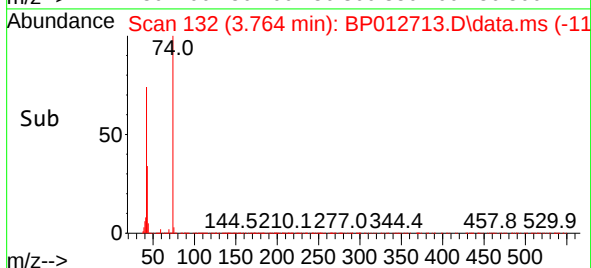
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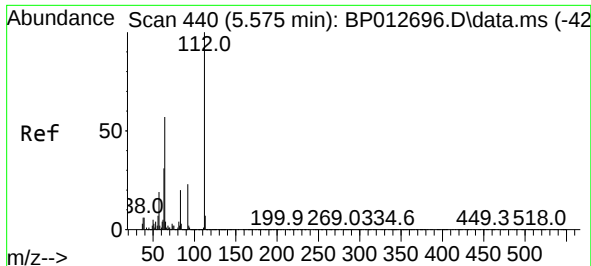


#4
 n-Nitrosodimethylamine
 Concen: 50.389 ng
 RT: 3.764 min Scan# 132
 Delta R.T. 0.006 min
 Lab File: BP012713.D
 Acq: 23 Nov 2022 16:40



Tgt Ion: 42 Resp: 523249
 Ion Ratio Lower Upper
 42 100
 74 133.6 96.6 144.8
 44 8.0 13.8 20.6





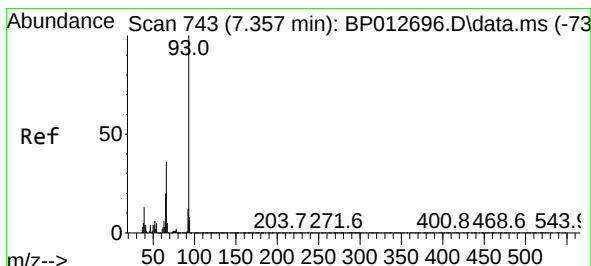
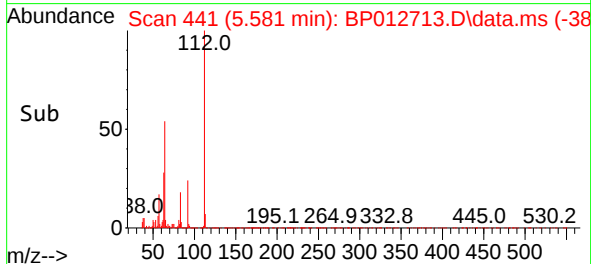
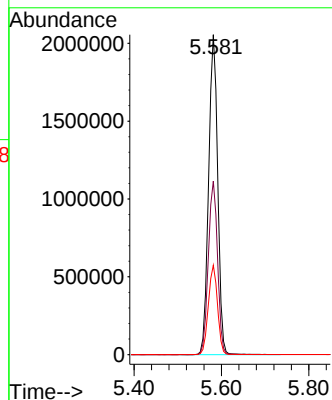
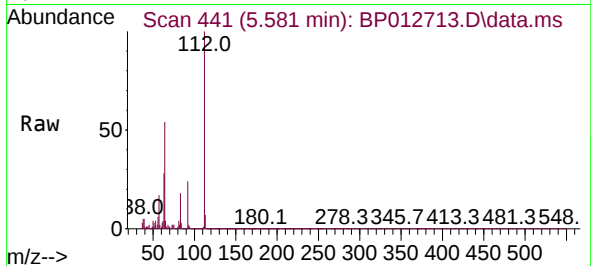
#5
2-Fluorophenol
Concen: 166.142 ng
RT: 5.581 min Scan# 441
Delta R.T. 0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Instrument :
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ClientSampleId :
MH-12MSD

Tgt Ion:112 Resp: 2946329
Ion Ratio Lower Upper
112 100
64 54.2 45.4 68.0
63 27.9 24.6 37.0

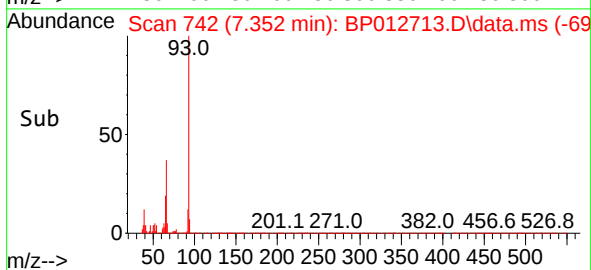
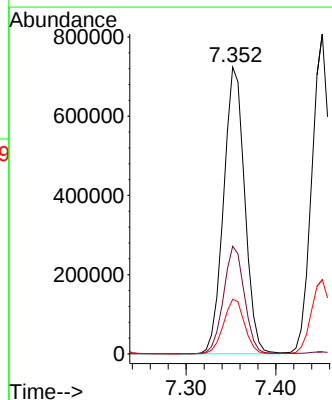
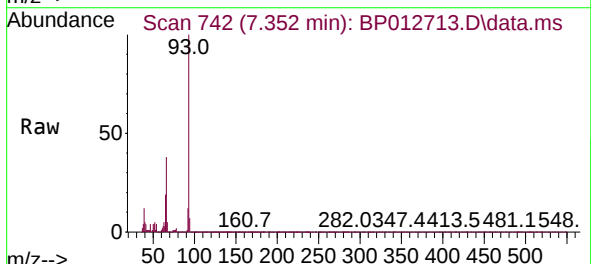
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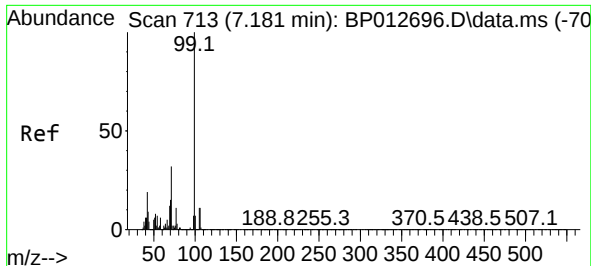
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#6
Aniline
Concen: 36.929 ng
RT: 7.352 min Scan# 742
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

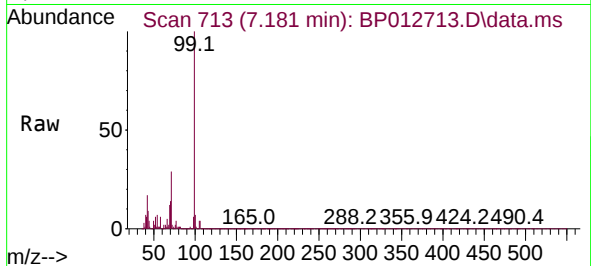
Tgt Ion: 93 Resp: 1187308
Ion Ratio Lower Upper
93 100
66 37.5 29.3 43.9
65 19.1 15.8 23.6





#7
Phenol-d6
Concen: 131.467 ng
RT: 7.181 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

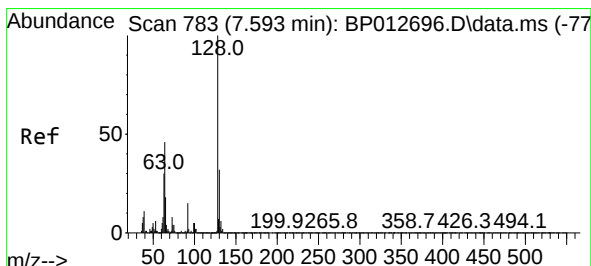
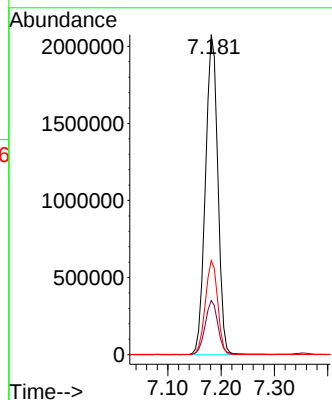
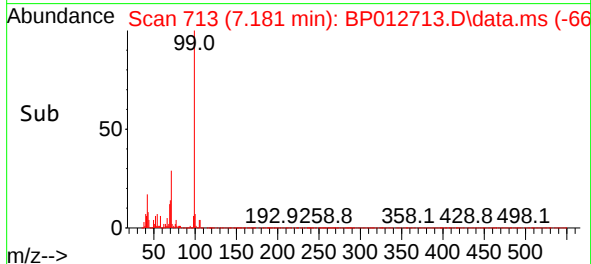
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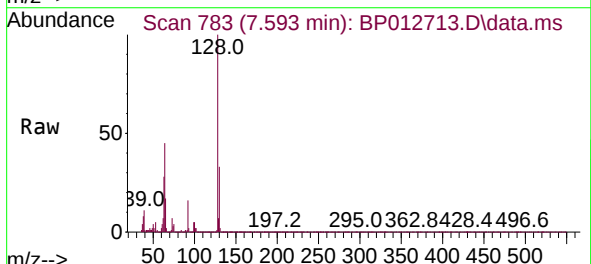
Tgt Ion: 99 Resp: 3343526
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.6
71 29.4 25.3 37.9

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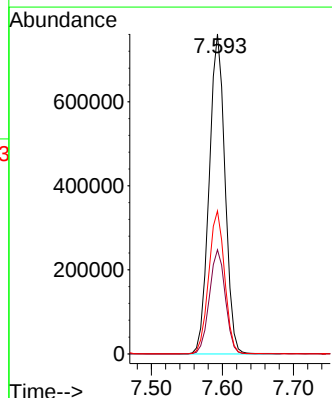
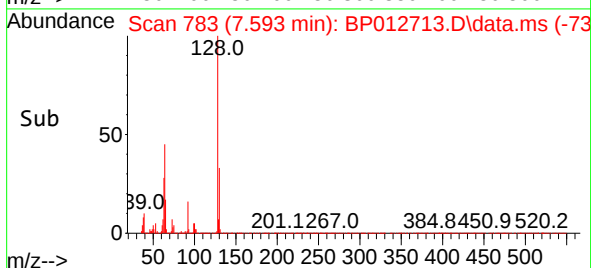
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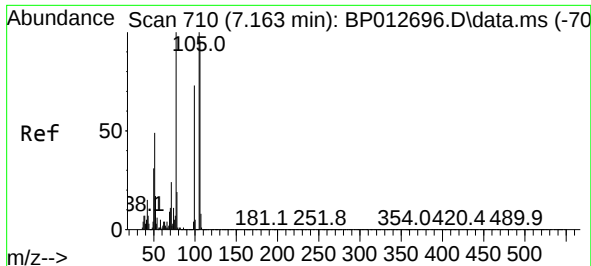


#8
2-Chlorophenol
Concen: 51.479 ng
RT: 7.593 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



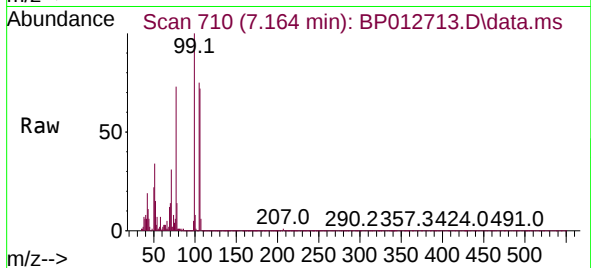
Tgt Ion:128 Resp: 1177514
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 44.7 25.9 65.9





#9
Benzaldehyde
Concen: 32.167 ng
RT: 7.164 min Scan# 710
Delta R.T. 0.001 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

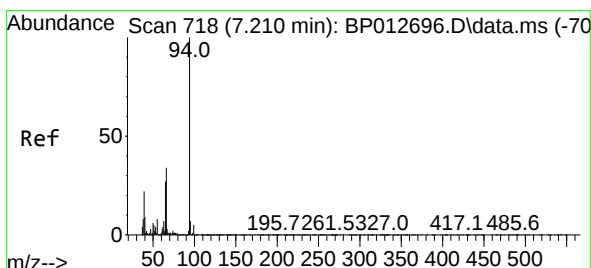
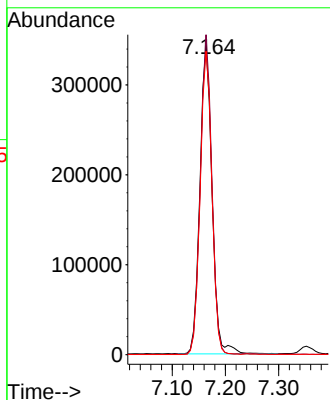
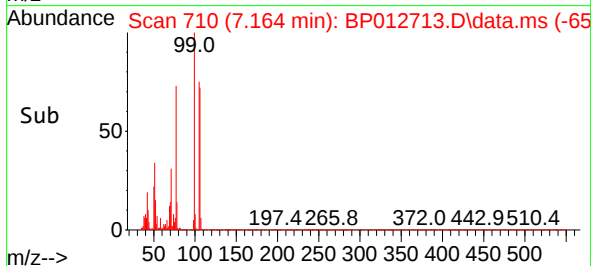
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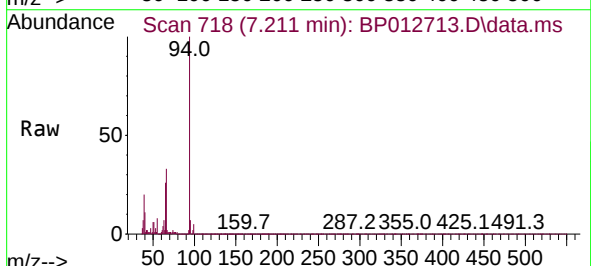
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Ion Ratio Lower Upper
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106 98.1 75.6 115.6

Manual Integrations
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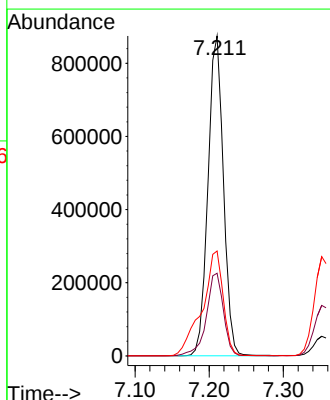
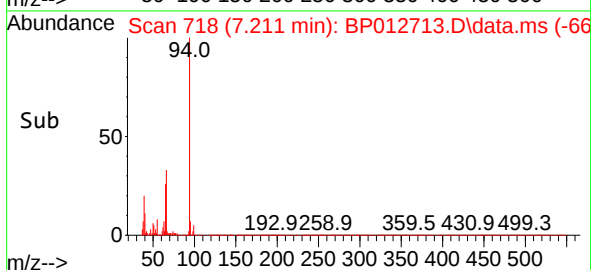
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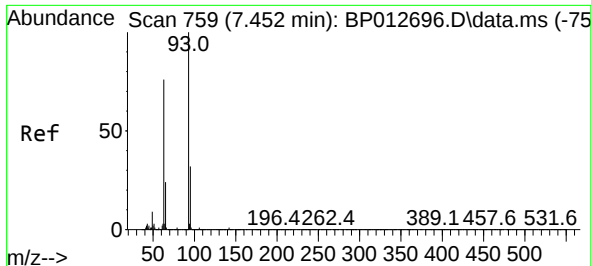


#10
Phenol
Concen: 43.669 ng
RT: 7.211 min Scan# 718
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



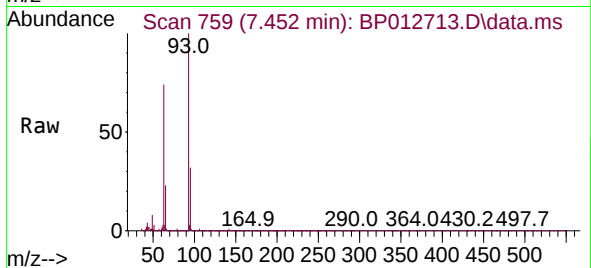
Tgt Ion: 94 Resp: 1265585
Ion Ratio Lower Upper
94 100
65 25.9 7.4 47.4
66 32.8 14.0 54.0





#11
bis(2-Chloroethyl)ether
Concen: 46.058 ng
RT: 7.452 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

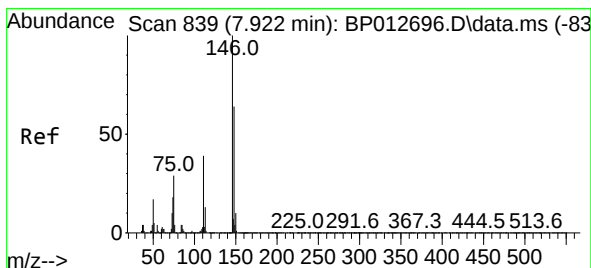
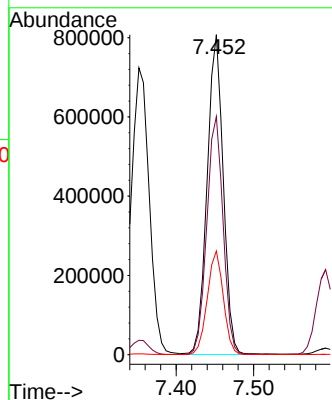
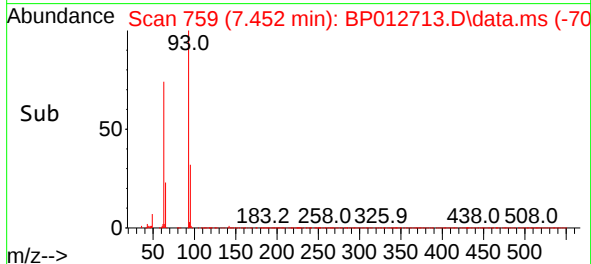
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



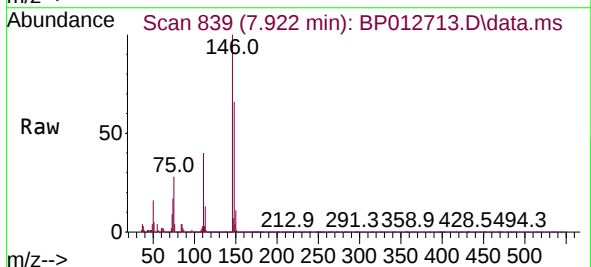
Tgt Ion: 93 Resp: 1165491
Ion Ratio Lower Upper
93 100
63 74.4 56.2 96.2
95 32.4 12.1 52.1

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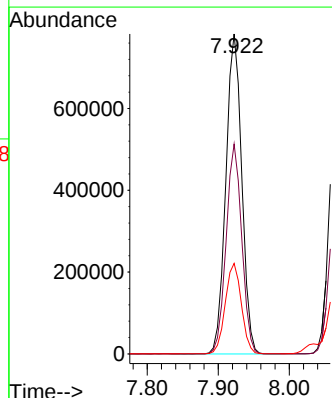
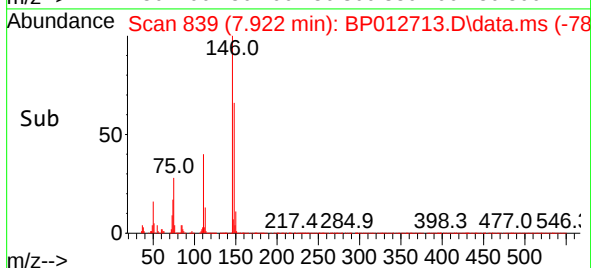
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

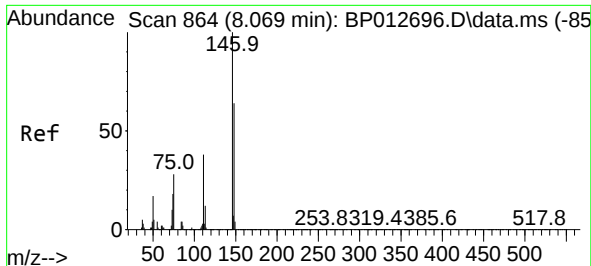


#12
1,3-Dichlorobenzene
Concen: 42.873 ng
RT: 7.922 min Scan# 839
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



Tgt Ion:146 Resp: 1218644
Ion Ratio Lower Upper
146 100
148 65.6 51.3 76.9
75 28.3 23.6 35.4





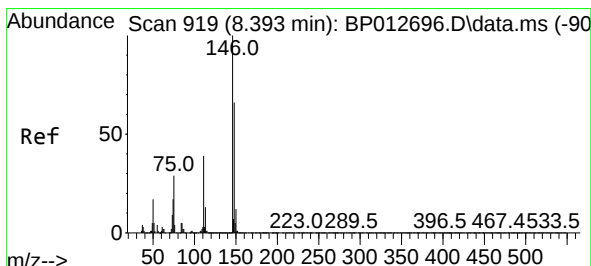
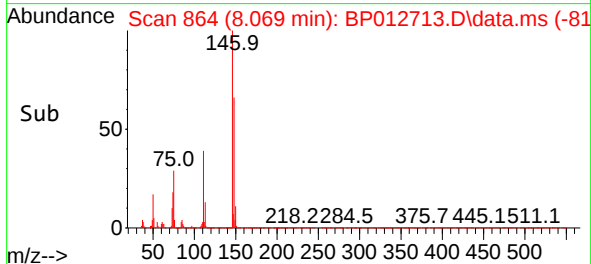
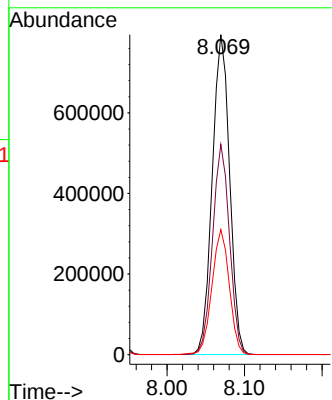
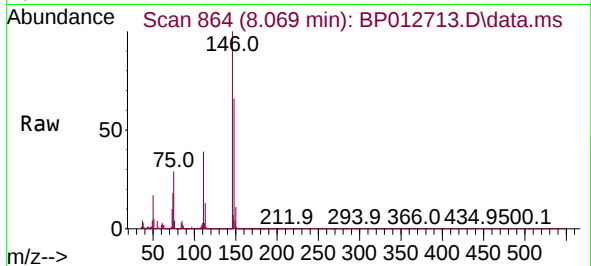
#13
1,4-Dichlorobenzene
Concen: 42.314 ng
RT: 8.069 min Scan# 864
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Instrument :
BNA_P
ClientSampleId :
MH-12MSD

Tgt Ion:146 Resp: 1235275
Ion Ratio Lower Upper
146 100
148 65.7 51.6 77.4
111 39.1 30.9 46.3

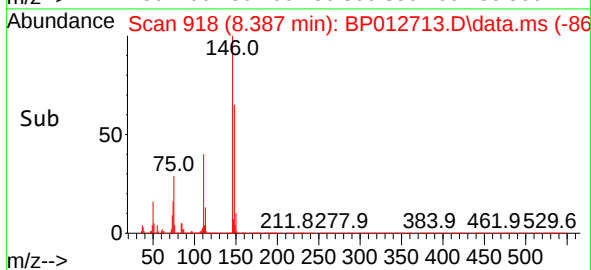
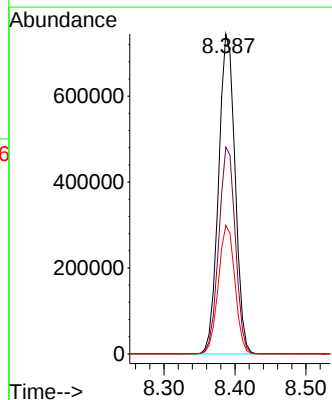
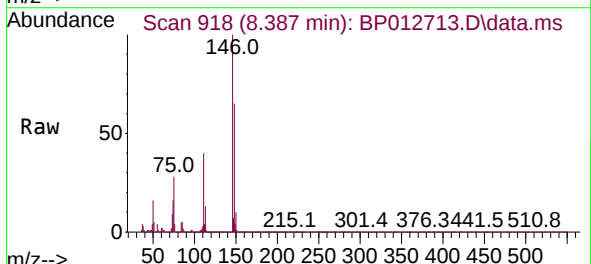
Manual Integrations
APPROVED

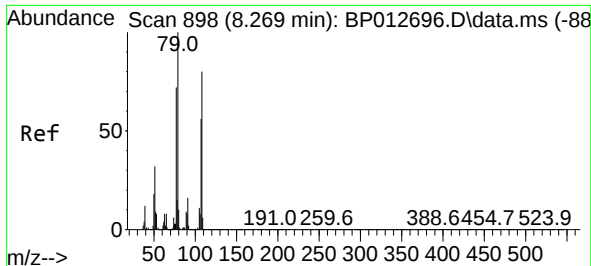
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#14
1,2-Dichlorobenzene
Concen: 42.512 ng
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

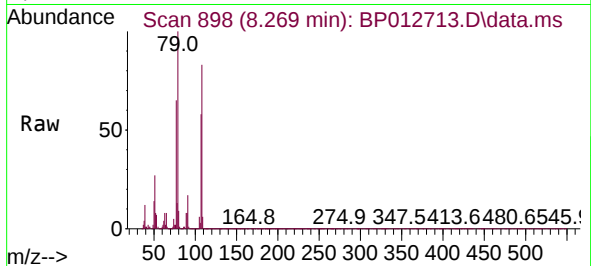
Tgt Ion:146 Resp: 1205862
Ion Ratio Lower Upper
146 100
148 64.6 52.6 78.8
111 40.2 31.5 47.3





#15
Benzyl Alcohol
Concen: 49.717 ng m
RT: 8.269 min Scan# 898
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

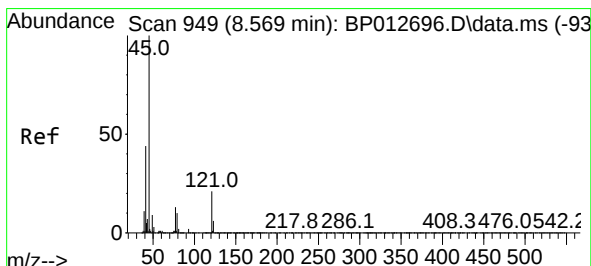
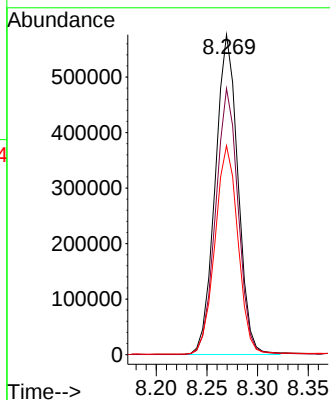
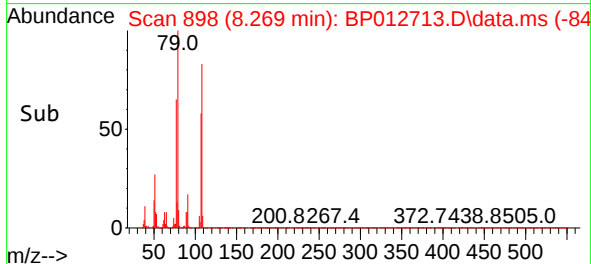
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



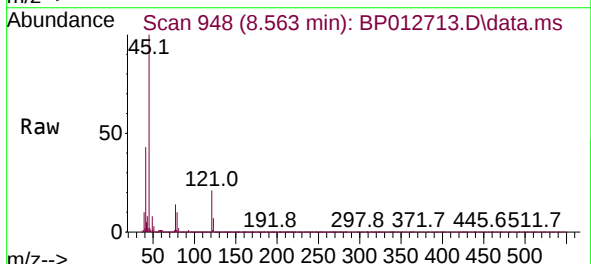
Tgt Ion: 79 Resp: 898973
Ion Ratio Lower Upper
79 100
108 83.2 63.8 95.8
77 65.3 57.6 86.4

Manual Integrations
APPROVED

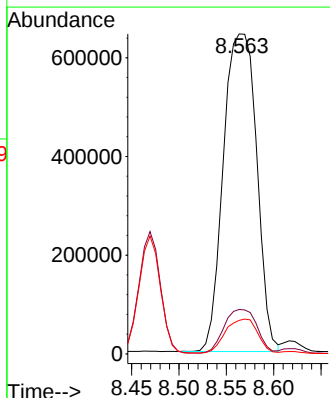
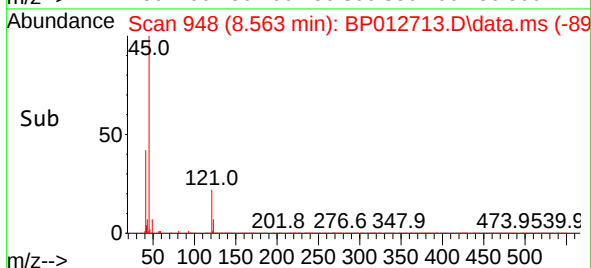
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

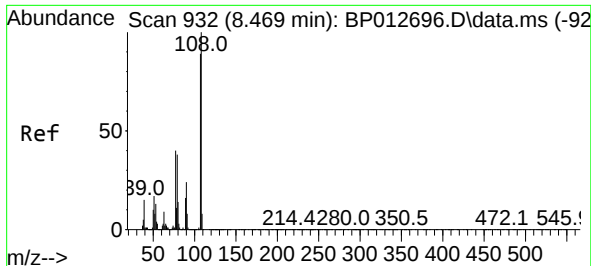


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.965 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



Tgt Ion: 45 Resp: 1573555
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.5
79 10.5 0.0 30.5





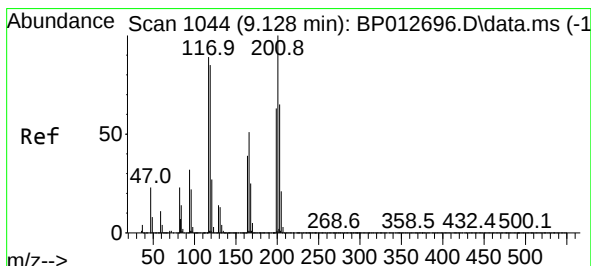
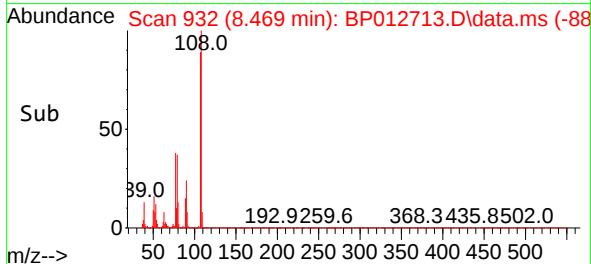
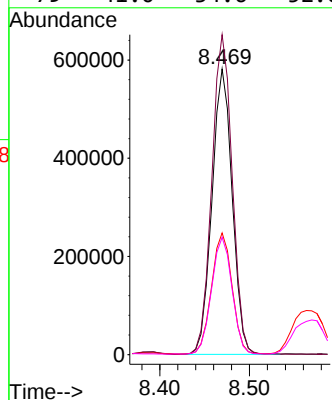
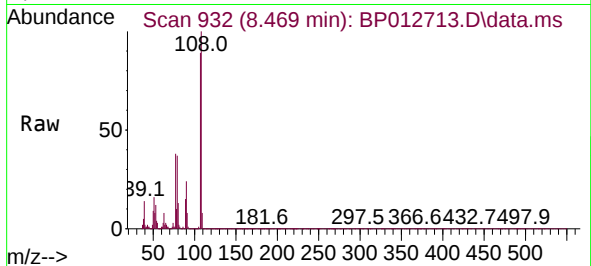
#17
2-Methylphenol
Concen: 46.090 ng
RT: 8.469 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Instrument :
BNA_P
ClientSampleId :
MH-12MSD

Tgt Ion:	107	Resp:	91228
Ion Ratio	Lower	Upper	
107	100		
108	112.0	89.8	134.8
77	42.6	35.9	53.9
79	41.0	34.6	52.0

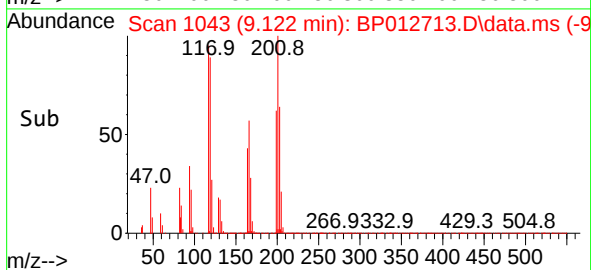
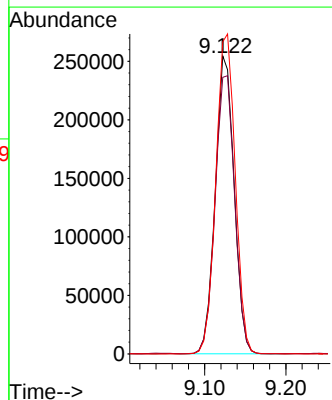
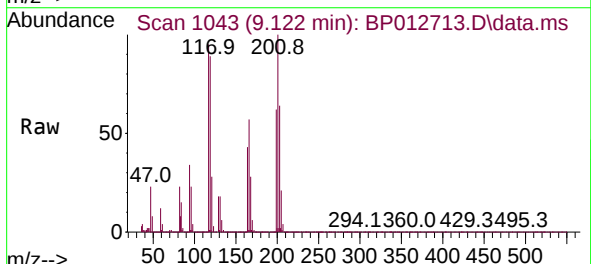
Manual Integrations APPROVED

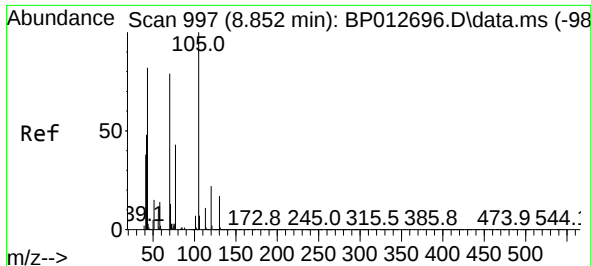
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#18
Hexachloroethane
Concen: 38.626 ng
RT: 9.122 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Tgt Ion:	117	Resp:	411926
Ion Ratio	Lower	Upper	
117	100		
119	92.8	76.4	114.6
201	104.7	89.8	134.6





#19

n-Nitroso-di-n-propylamine

Concen: 43.318 ng

RT: 8.846 min Scan# 996

Delta R.T. -0.006 min

Lab File: BP012713.D

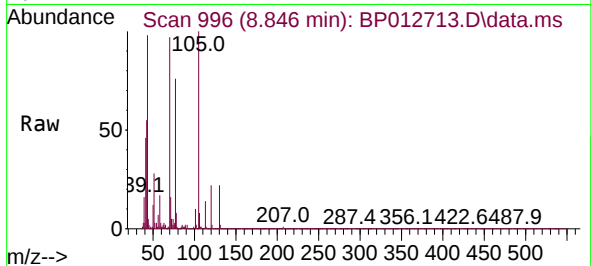
Acq: 23 Nov 2022 16:40

Instrument :

BNA_P

ClientSampleId :

MH-12MSD



Tgt Ion: 70 Resp: 77764

Ion Ratio Lower Upper

70 100

42 56.9 49.4 74.0

101 10.0 7.4 11.2

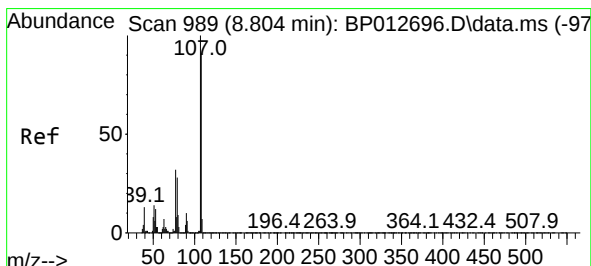
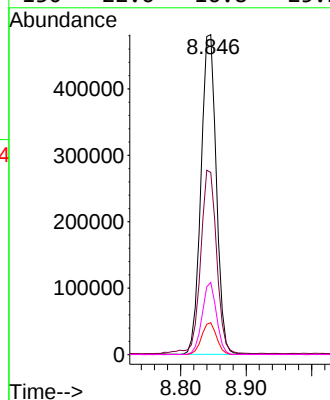
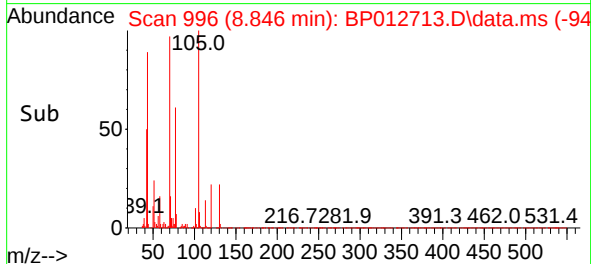
130 22.6 16.8 25.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/25/2022

Supervised By :Jagrut Upadhyay 11/25/2022



#20

3+4-Methylphenols

Concen: 44.012 ng

RT: 8.799 min Scan# 988

Delta R.T. -0.006 min

Lab File: BP012713.D

Acq: 23 Nov 2022 16:40

Tgt Ion:107 Resp: 1173053

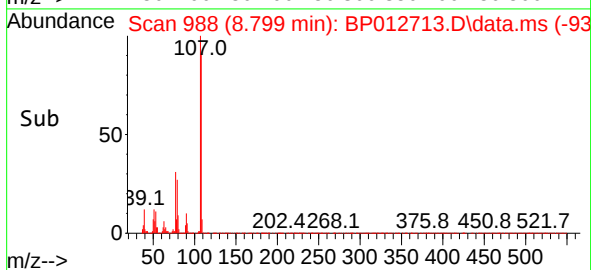
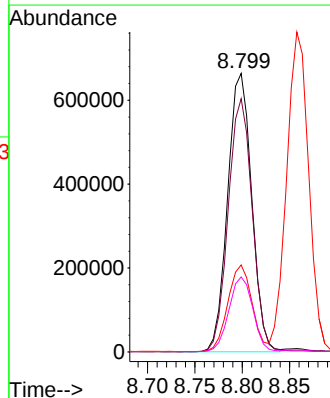
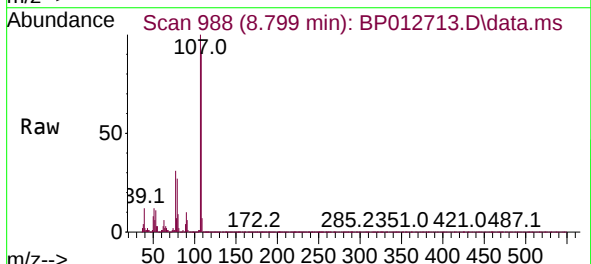
Ion Ratio Lower Upper

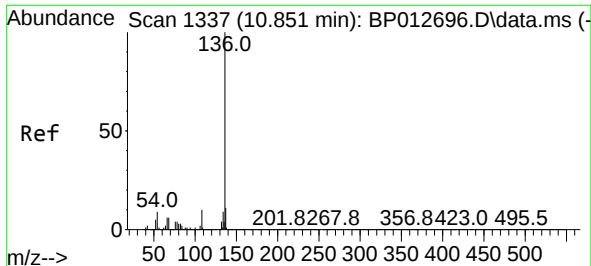
107 100

108 90.9 71.1 111.1

77 31.2 12.2 52.2

79 26.9 8.0 48.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

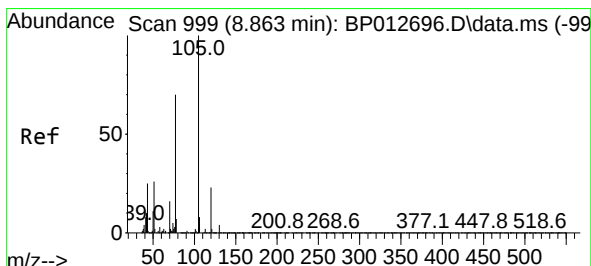
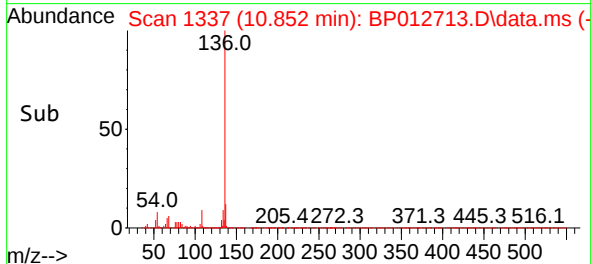
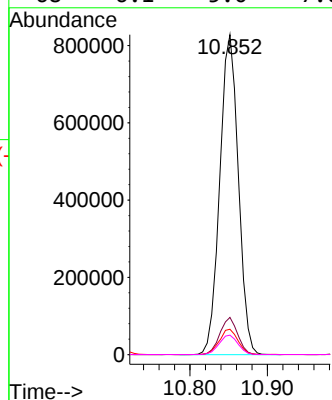
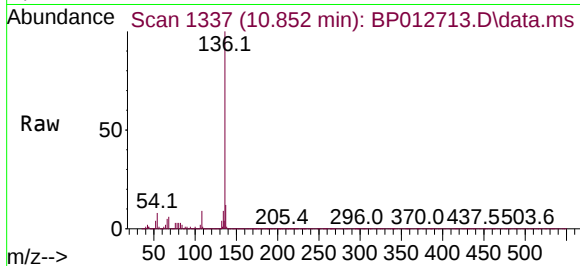
Instrument :
BNA_P
ClientSampleId :
MH-12MSD

Tgt Ion:136 Resp: 138188

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.0	6.9	10.3
68	6.1	5.0	7.6

Manual Integrations
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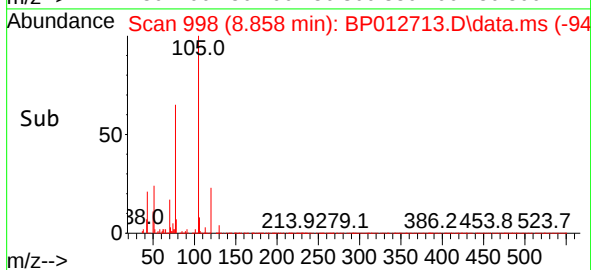
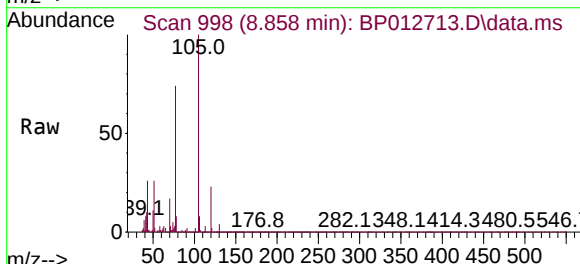
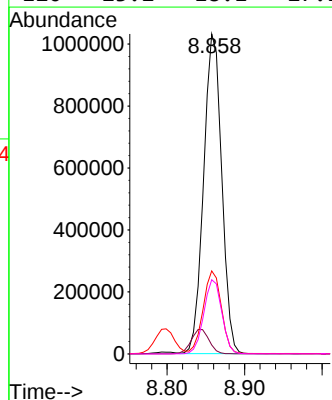
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

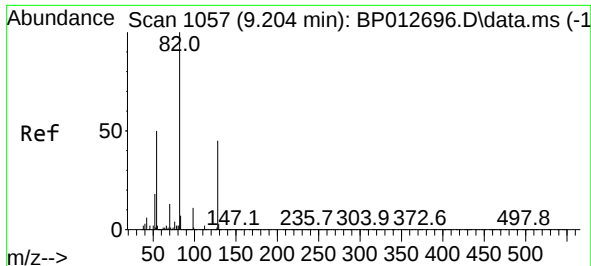


#22
Acetophenone
Concen: 49.730 ng
RT: 8.858 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Tgt Ion:105 Resp: 1677611

Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.2	3.2
51	25.9	22.1	33.1
120	23.2	18.1	27.1





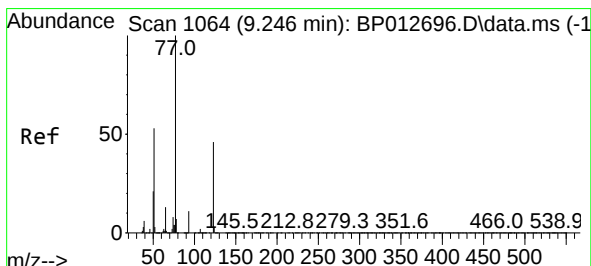
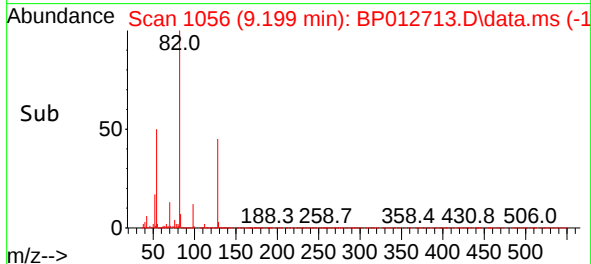
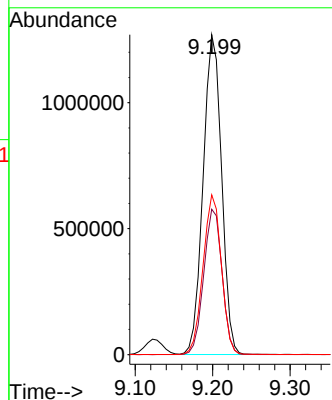
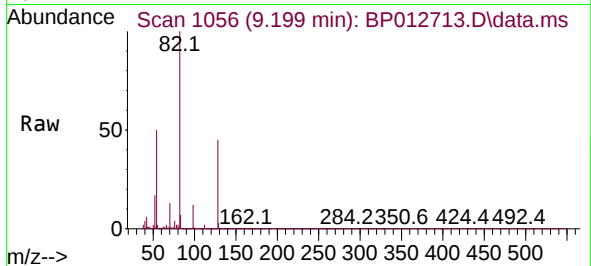
#23
Nitrobenzene-d5
Concen: 84.829 ng
RT: 9.199 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Instrument :
BNA_P
ClientSampleId :
MH-12MSD

Tgt Ion: 82 Resp: 210188
Ion Ratio Lower Upper
82 100
128 45.4 35.6 53.4
54 49.9 40.3 60.5

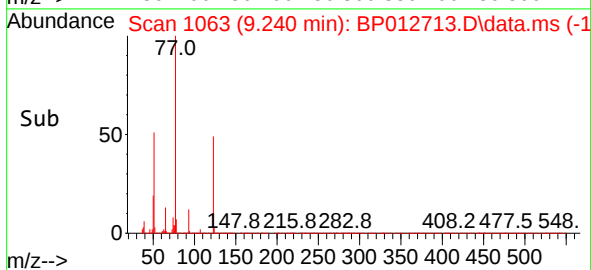
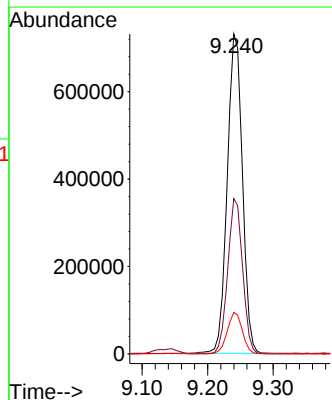
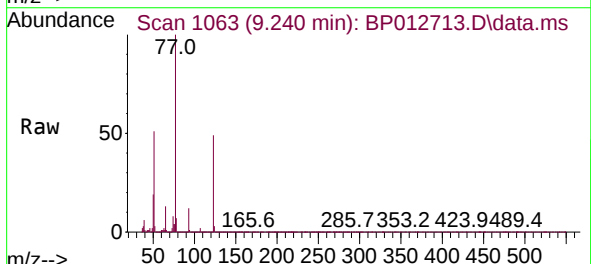
Manual Integrations
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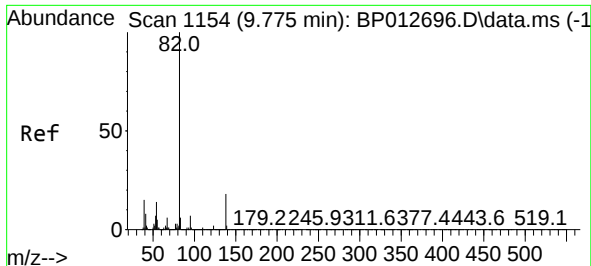
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#24
Nitrobenzene
Concen: 46.415 ng
RT: 9.240 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

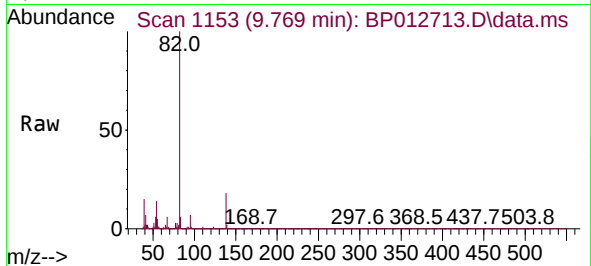
Tgt Ion: 77 Resp: 1176840
Ion Ratio Lower Upper
77 100
123 48.5 37.3 55.9
65 13.0 10.4 15.6





#25
Isophorone
Concen: 47.996 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

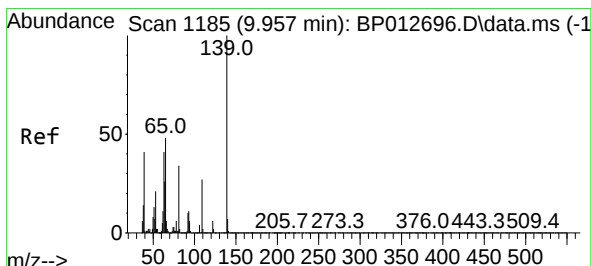
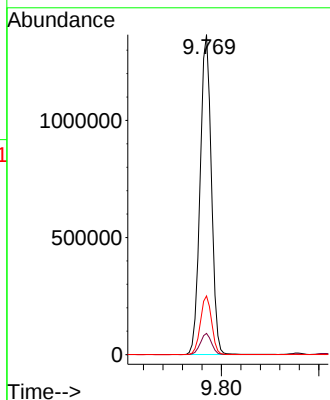
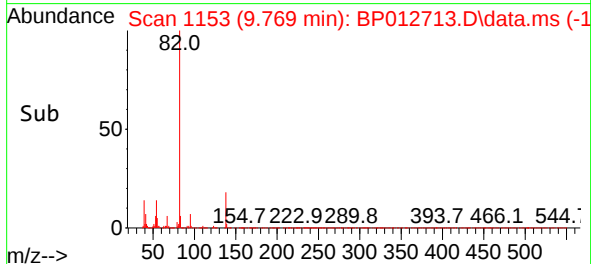
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



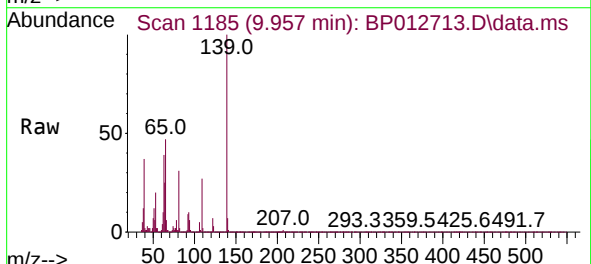
Tgt Ion: 82 Resp: 2180608
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 18.3 14.7 22.1

Manual Integrations
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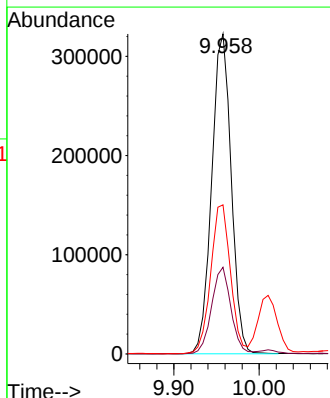
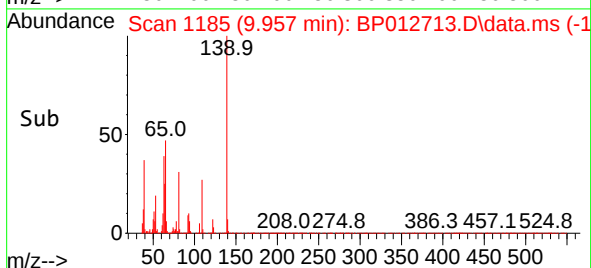
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

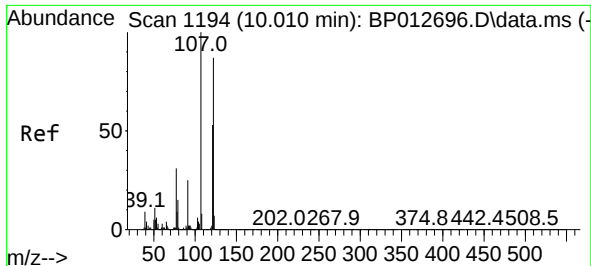


#26
2-Nitrophenol
Concen: 58.225 ng
RT: 9.957 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



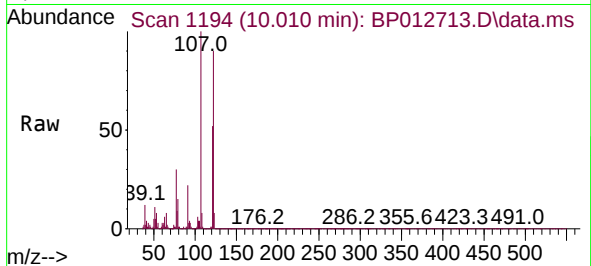
Tgt Ion:139 Resp: 512630
Ion Ratio Lower Upper
139 100
109 27.1 21.5 32.3
65 46.6 38.3 57.5





#27
2,4-Dimethylphenol
Concen: 64.537 ng
RT: 10.010 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

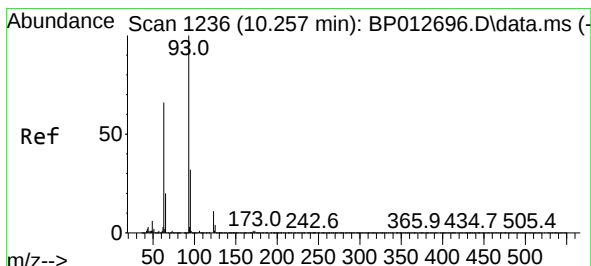
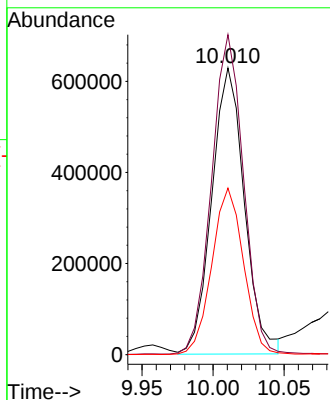
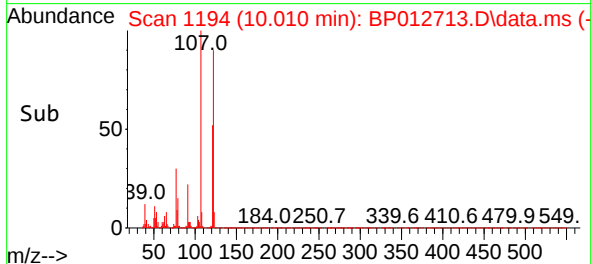
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



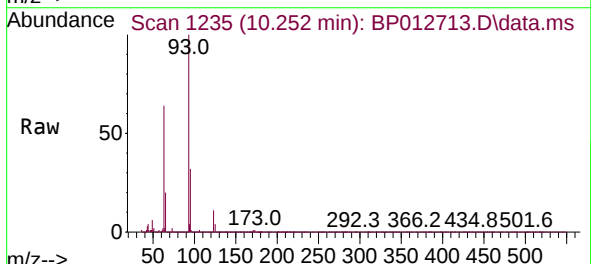
Tgt Ion:122 Resp: 1005409
Ion Ratio Lower Upper
122 100
107 111.6 90.9 136.3
121 58.1 47.8 71.6

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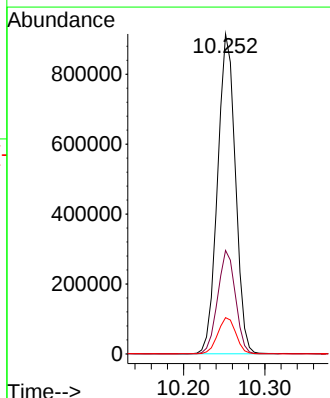
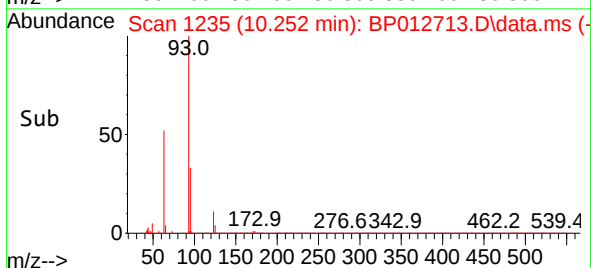
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

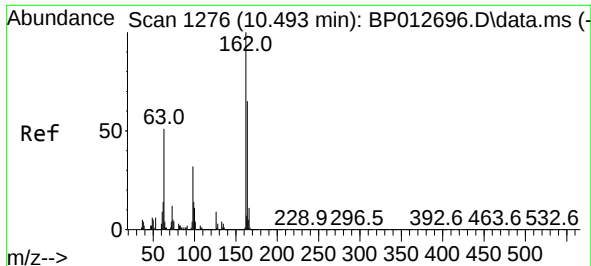


#28
bis(2-Chloroethoxy)methane
Concen: 51.872 ng
RT: 10.252 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



Tgt Ion: 93 Resp: 1393802
Ion Ratio Lower Upper
93 100
95 32.3 25.4 38.2
123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 47.977 ng

RT: 10.487 min Scan# 1275

Delta R.T. -0.006 min

Lab File: BP012713.D

Acq: 23 Nov 2022 16:40

Instrument :

BNA_P

ClientSampleId :

MH-12MSD

Tgt Ion:162 Resp: 1024675

Ion Ratio Lower Upper

162 100

164 64.1 44.9 84.9

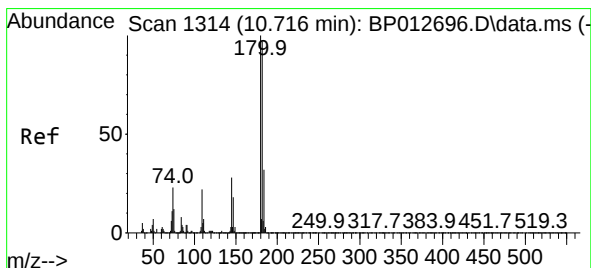
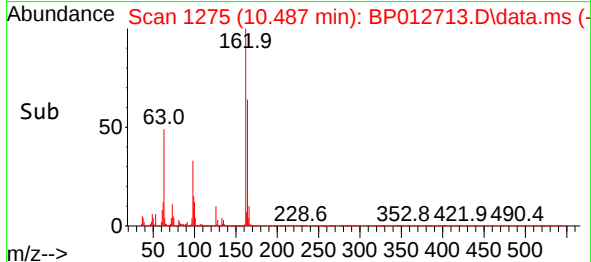
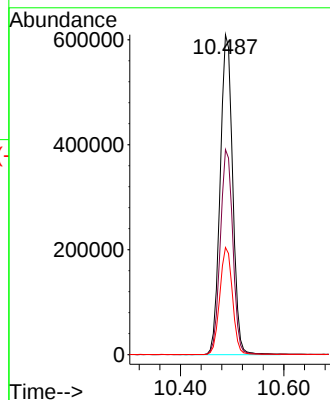
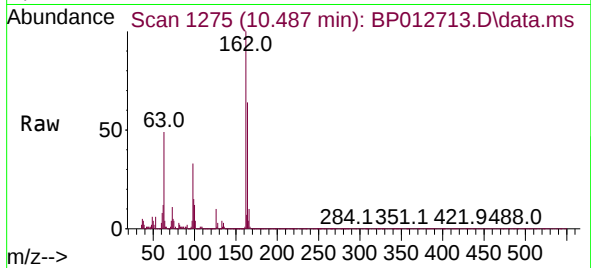
98 33.5 12.5 52.5

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Reviewed By :Christian Giraldo 11/25/2022

Supervised By :Jagrut Upadhyay 11/25/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.058 ng

RT: 10.710 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BP012713.D

Acq: 23 Nov 2022 16:40

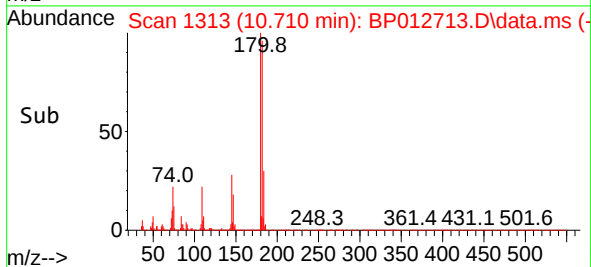
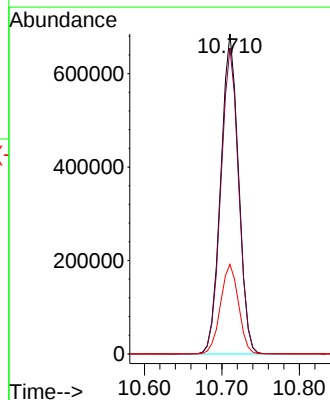
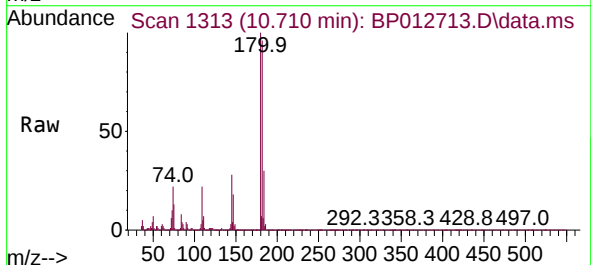
Tgt Ion:180 Resp: 1093586

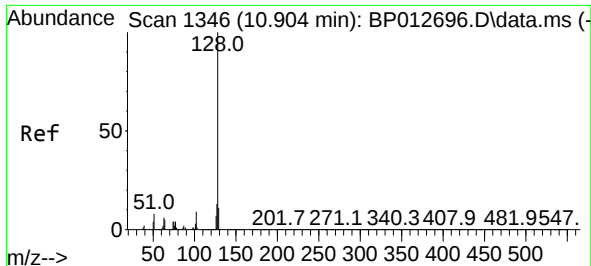
Ion Ratio Lower Upper

180 100

182 95.6 77.4 116.2

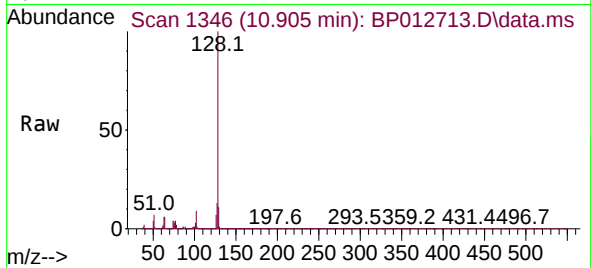
145 28.0 22.2 33.2





#31
Naphthalene
Concen: 44.268 ng
RT: 10.905 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

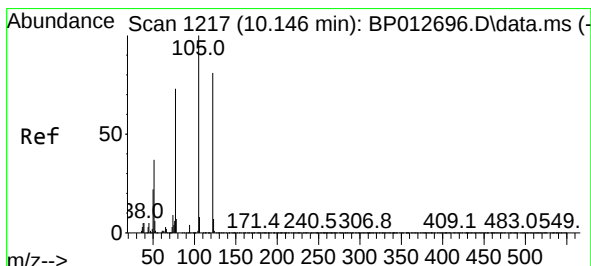
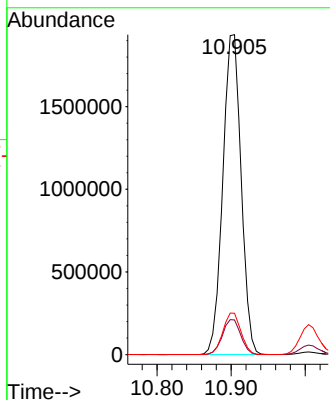
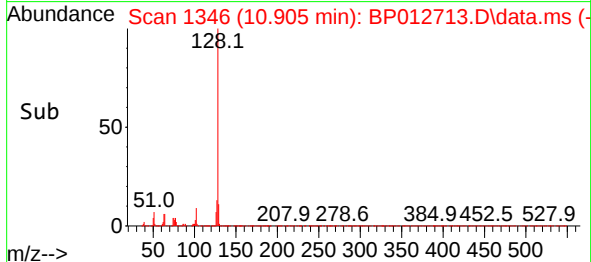
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



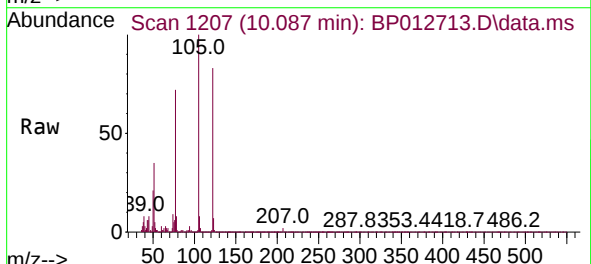
Tgt Ion:128 Resp: 3320059
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.9 10.5 15.7

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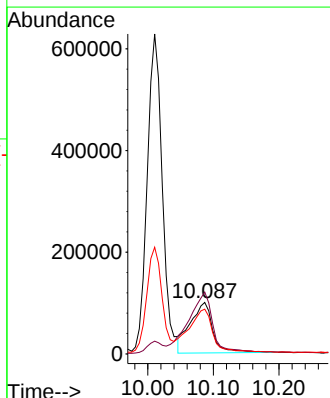
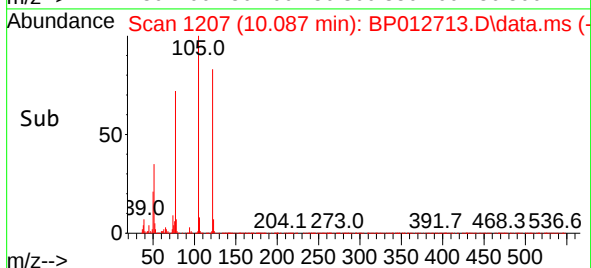
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

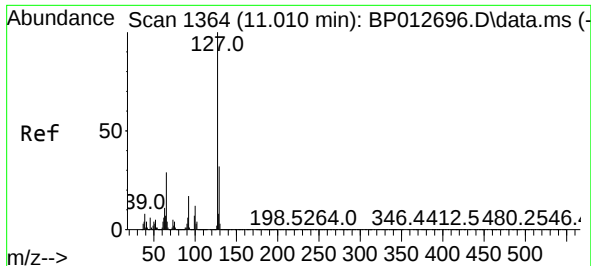


#32
Benzoic acid
Concen: 34.180 ng
RT: 10.087 min Scan# 1207
Delta R.T. -0.059 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



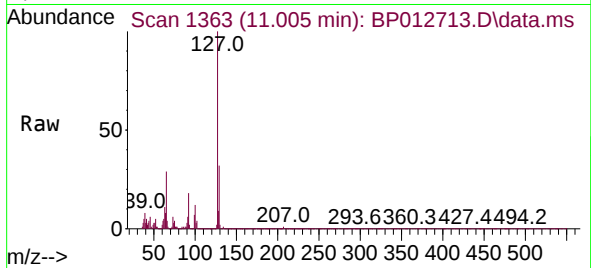
Tgt Ion:122 Resp: 239874
Ion Ratio Lower Upper
122 100
105 120.5 98.3 138.3
77 87.2 70.6 110.6





#33
4-Chloroaniline
Concen: 12.295 ng
RT: 11.005 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

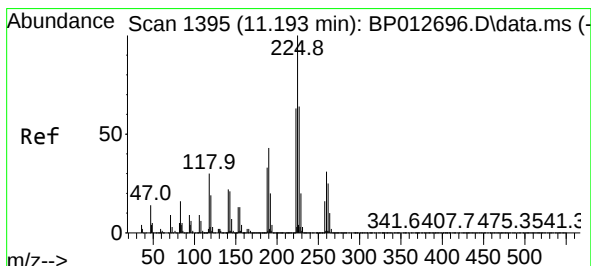
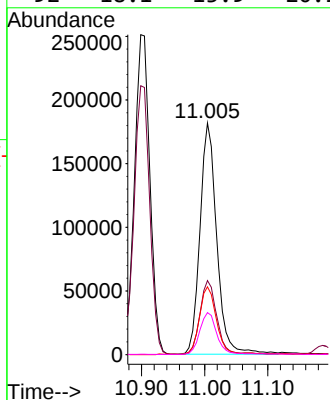
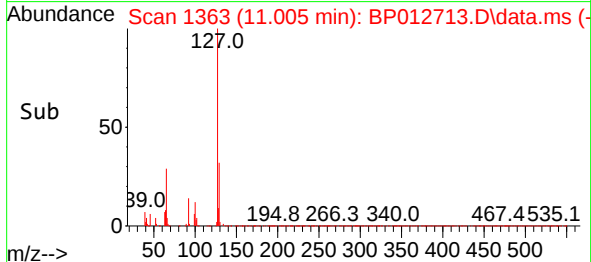
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	29.3	23.6	35.4
92	18.1	13.9	20.9

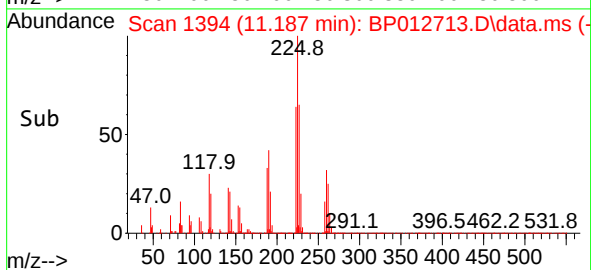
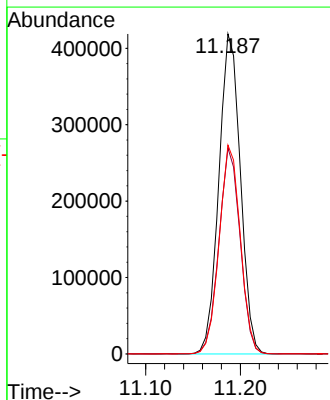
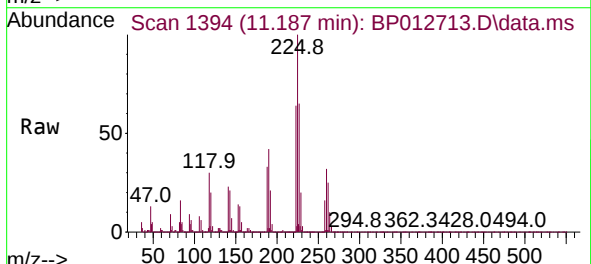
Manual Integrations
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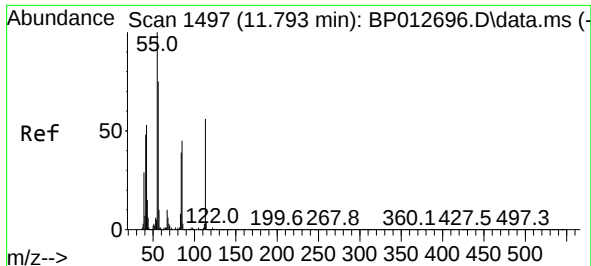
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#34
Hexachlorobutadiene
Concen: 42.389 ng
RT: 11.187 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

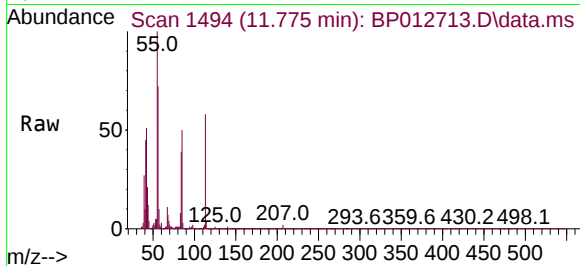
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	65.2	51.0	76.6





#35
Caprolactam
Concen: 42.528 ng
RT: 11.775 min Scan# 1497
Delta R.T. -0.018 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

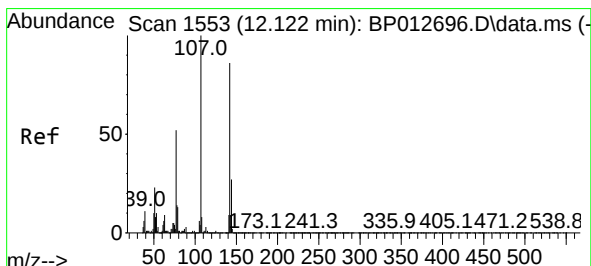
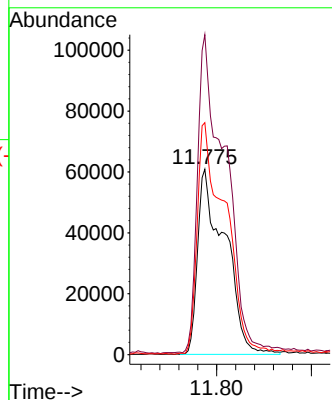
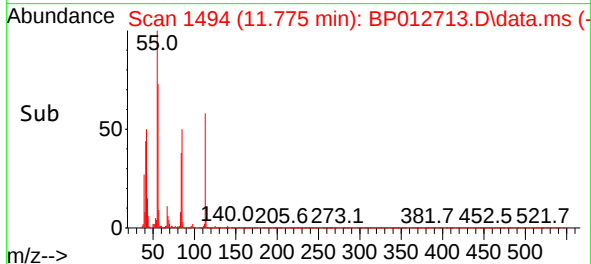
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



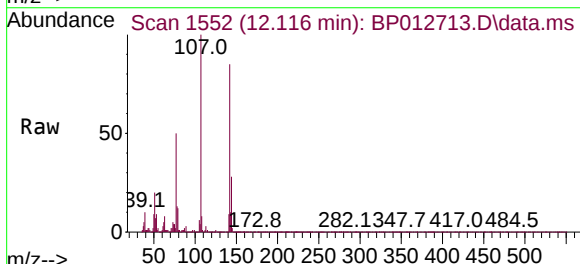
Tgt Ion:113 Resp: 242481
Ion Ratio Lower Upper
113 100
55 172.6 158.0 198.0
56 125.0 114.1 154.1

Manual Integrations
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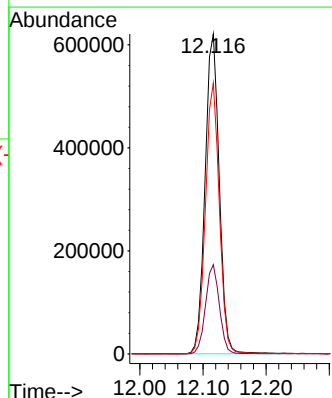
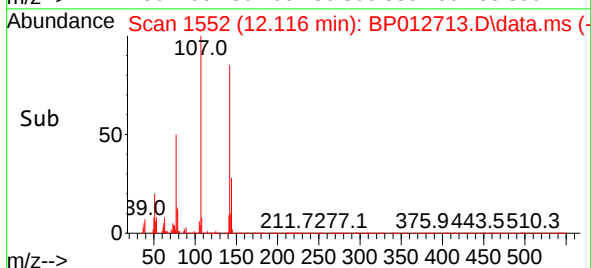
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

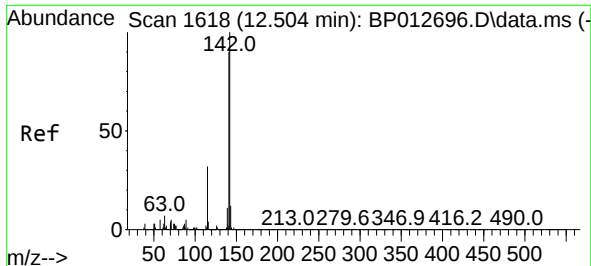


#36
4-Chloro-3-methylphenol
Concen: 46.521 ng
RT: 12.116 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



Tgt Ion:107 Resp: 966211
Ion Ratio Lower Upper
107 100
144 27.9 22.0 33.0
142 84.6 69.1 103.7





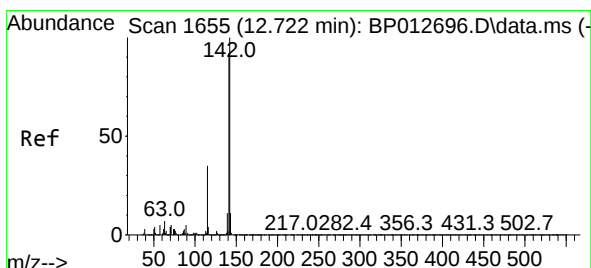
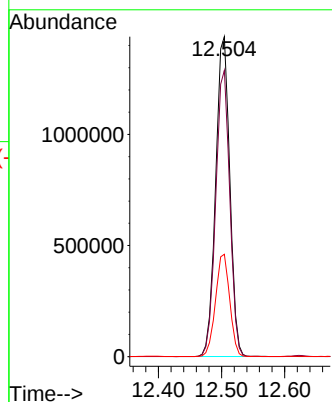
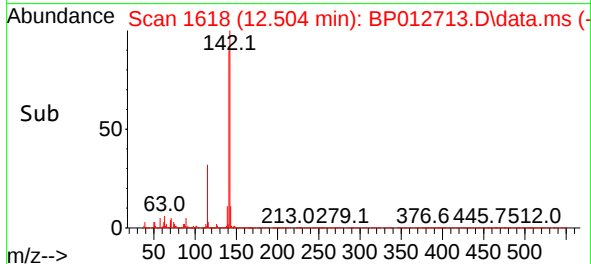
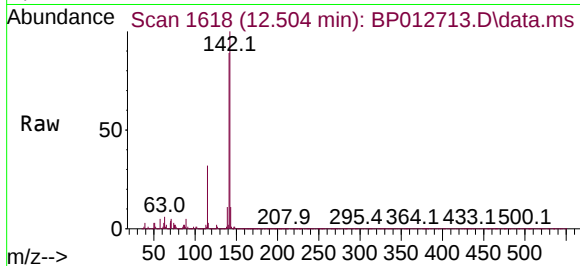
#37
2-Methylnaphthalene
Concen: 41.928 ng
RT: 12.504 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Instrument :
BNA_P
ClientSampleId :
MH-12MSD

Tgt Ion:142 Resp: 2240191
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9
115 32.0 26.0 39.0

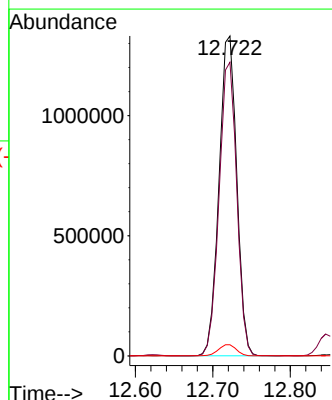
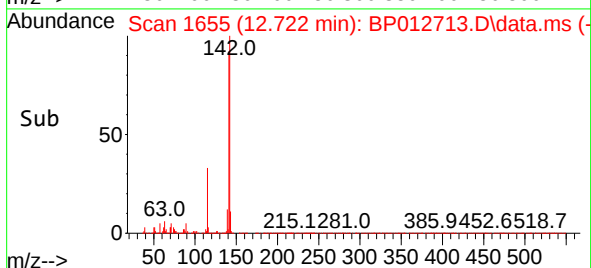
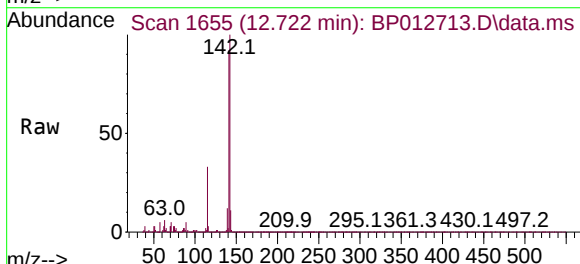
Manual Integrations
APPROVED

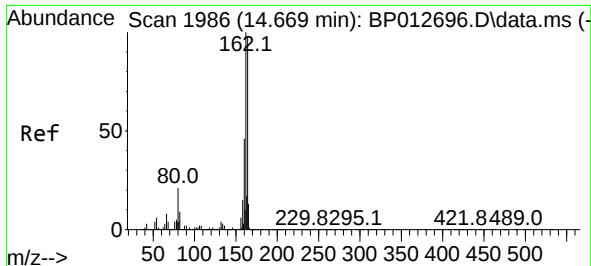
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#38
1-Methylnaphthalene
Concen: 40.267 ng
RT: 12.722 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

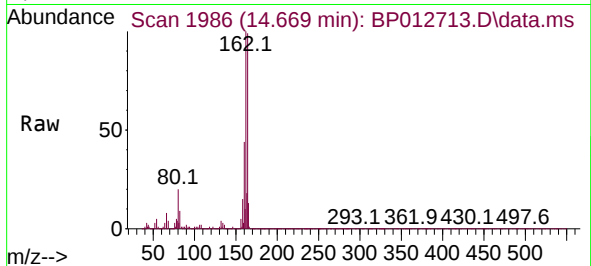
Tgt Ion:142 Resp: 2112459
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5
116 3.5 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

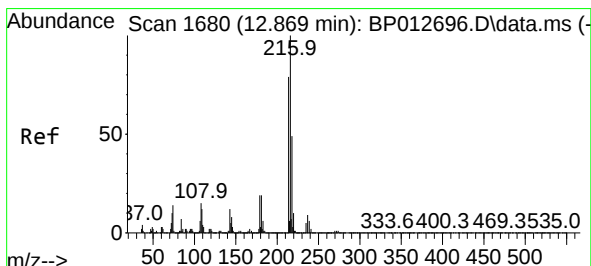
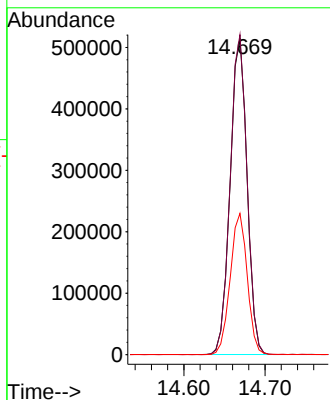
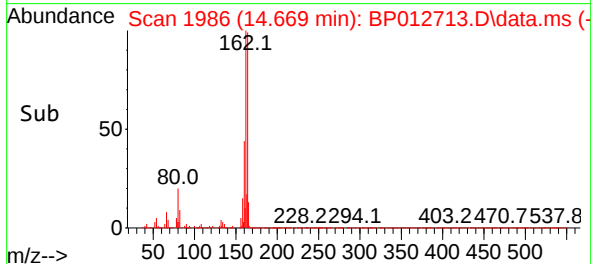
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



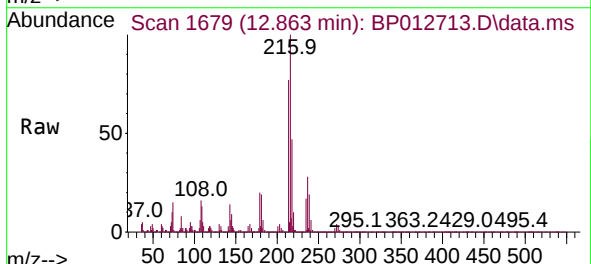
Tgt Ion:164 Resp: 746976
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 44.7 37.6 56.4

Manual Integrations
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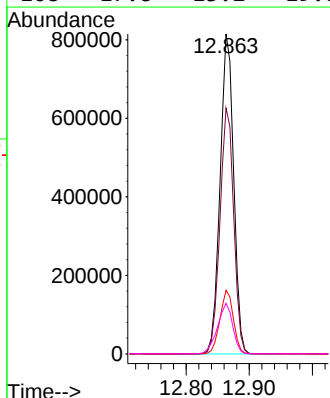
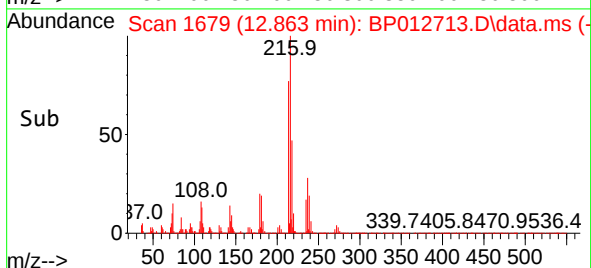
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

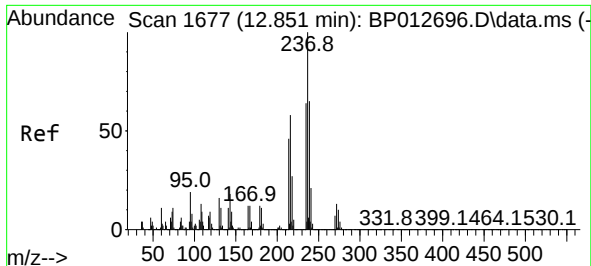


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.959 ng
RT: 12.863 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



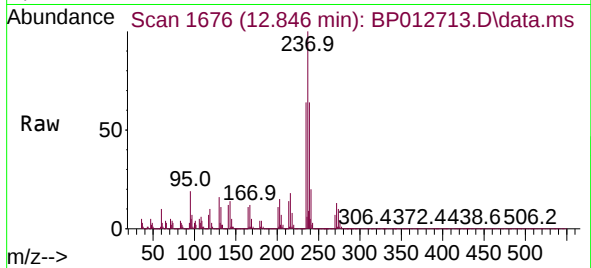
Tgt Ion:216 Resp: 1211678
Ion Ratio Lower Upper
216 100
214 78.0 62.8 94.2
179 19.8 15.3 22.9
108 17.8 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 100.696 ng
RT: 12.846 min Scan# 1676
Delta R.T. -0.005 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

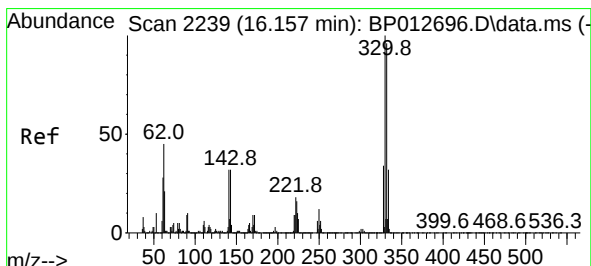
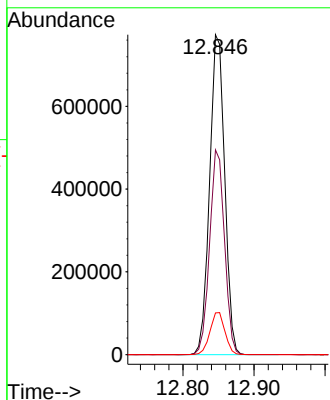
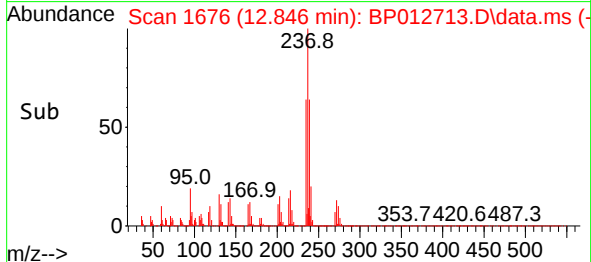
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



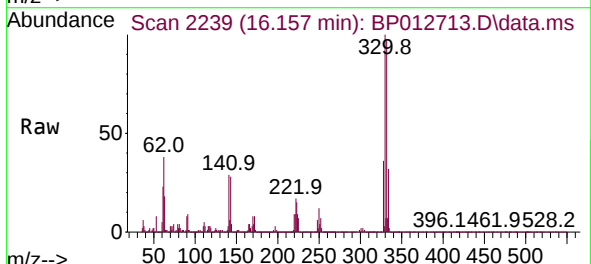
Tgt Ion:237 Resp: 1138736
Ion Ratio Lower Upper
237 100
235 64.0 44.4 84.4
272 13.0 0.0 32.6

Manual Integrations
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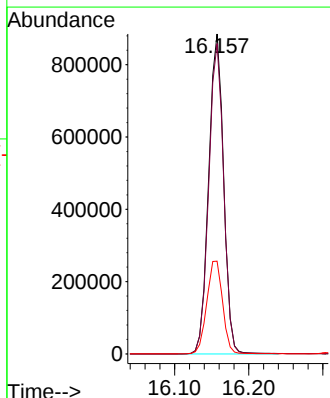
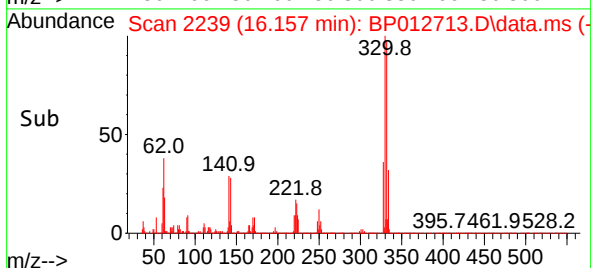
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

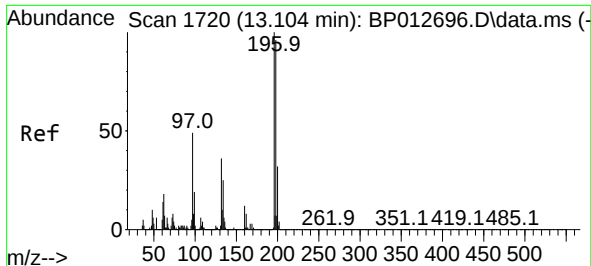


#42
2,4,6-Tribromophenol
Concen: 128.347 ng
RT: 16.157 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



Tgt Ion:330 Resp: 1236968
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 30.7 25.2 37.8





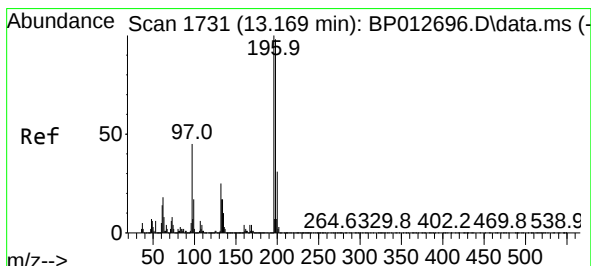
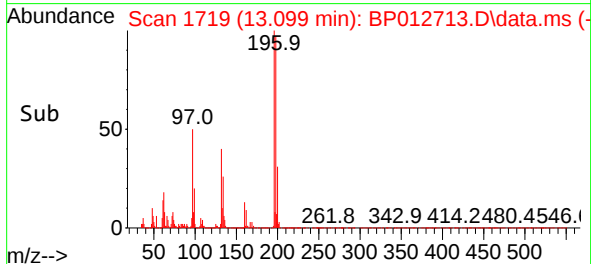
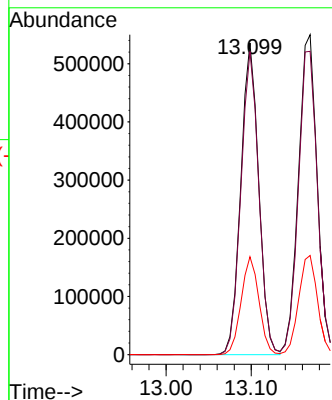
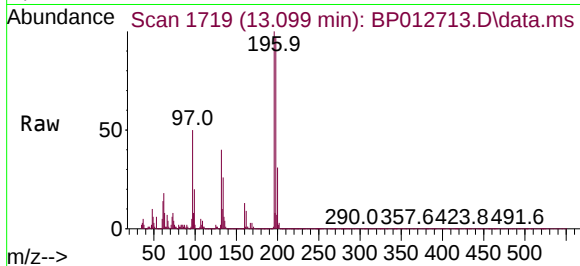
#43
2,4,6-Trichlorophenol
Concen: 48.877 ng
RT: 13.099 min Scan# 1719
Delta R.T. -0.005 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Instrument :
BNA_P
ClientSampleId :
MH-12MSD

Tgt Ion:196 Resp: 781368
Ion Ratio Lower Upper
196 100
198 97.3 76.6 115.0
200 31.4 25.2 37.8

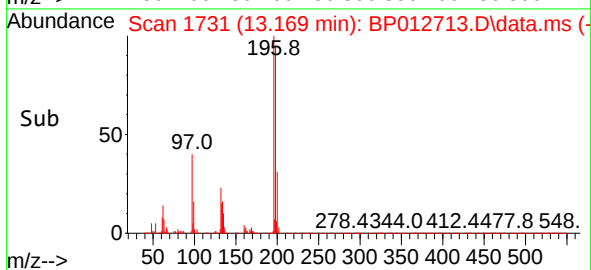
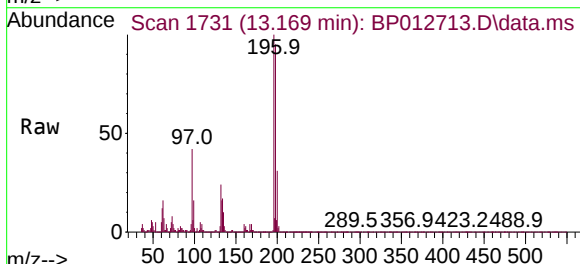
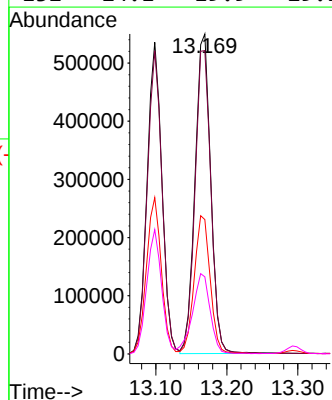
Manual Integrations
APPROVED

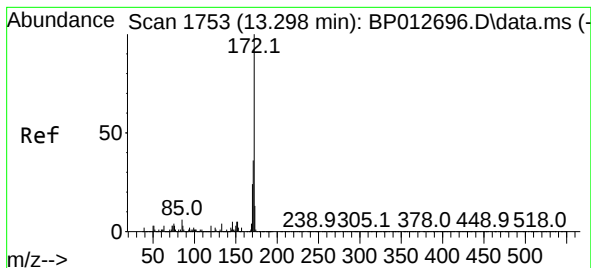
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#44
2,4,5-Trichlorophenol
Concen: 54.781 ng
RT: 13.169 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

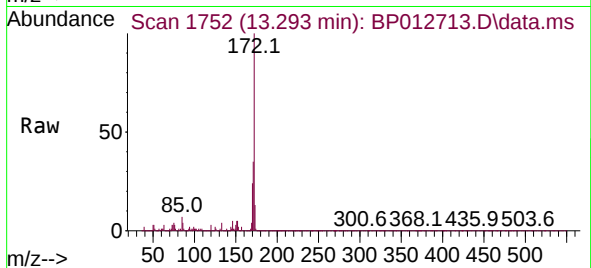
Tgt Ion:196 Resp: 843010
Ion Ratio Lower Upper
196 100
198 94.8 78.6 117.8
97 42.0 35.8 53.8
132 24.1 19.9 29.9





#45
2-Fluorobiphenyl
Concen: 89.770 ng
RT: 13.293 min Scan# 1752
Delta R.T. -0.005 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

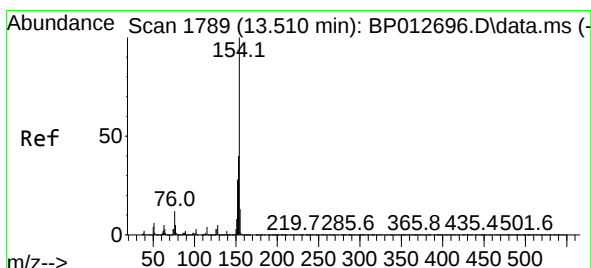
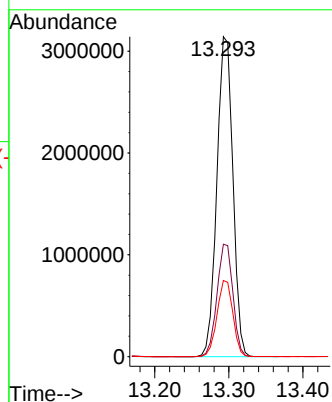
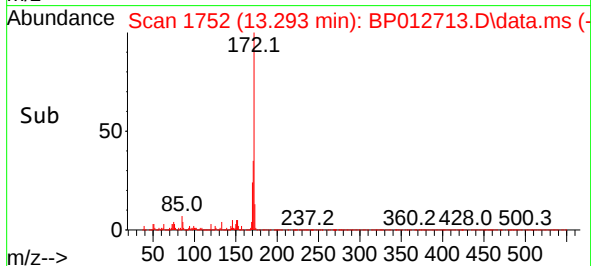
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



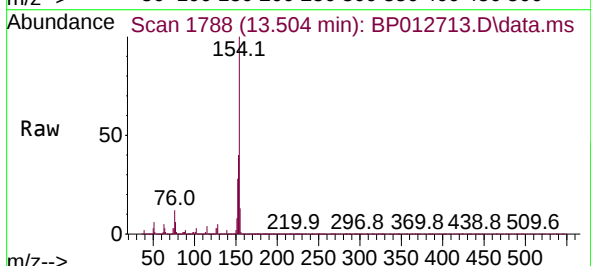
Tgt Ion:172 Resp: 4706809
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.8 19.1 28.7

Manual Integrations
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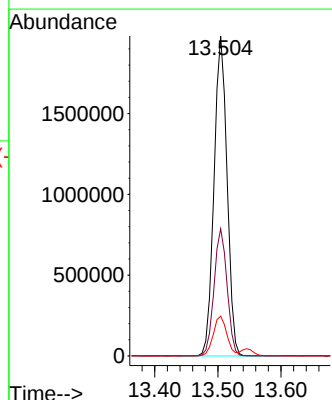
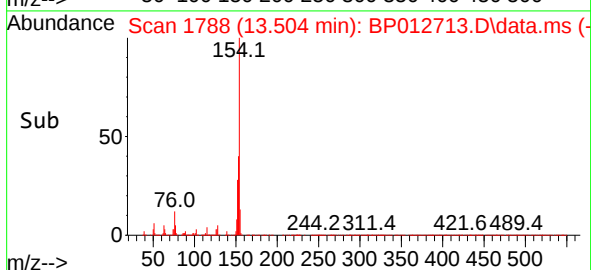
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

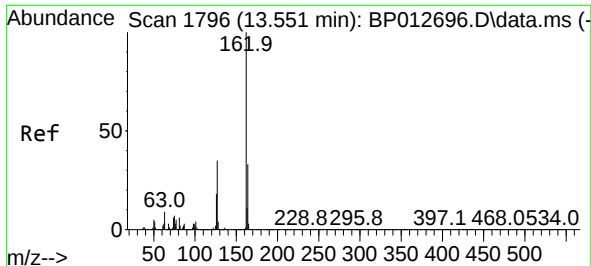


#46
1,1'-Biphenyl
Concen: 50.236 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



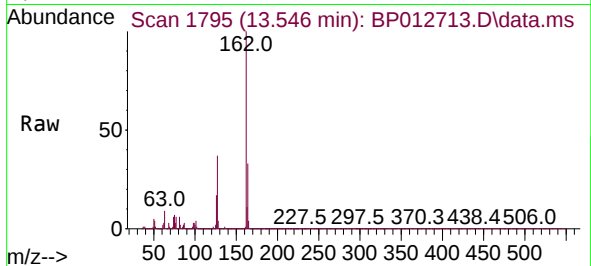
Tgt Ion:154 Resp: 2838709
Ion Ratio Lower Upper
154 100
153 39.7 20.4 60.4
76 12.4 0.0 32.5





#47
2-Chloronaphthalene
Concen: 48.934 ng
RT: 13.546 min Scan# 1796
Delta R.T. -0.005 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

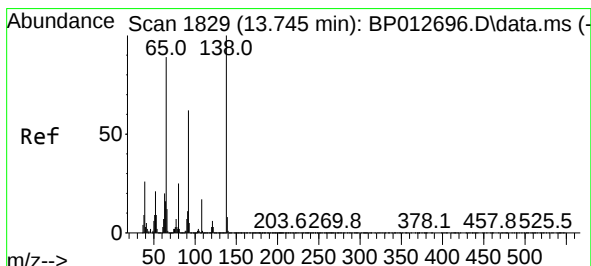
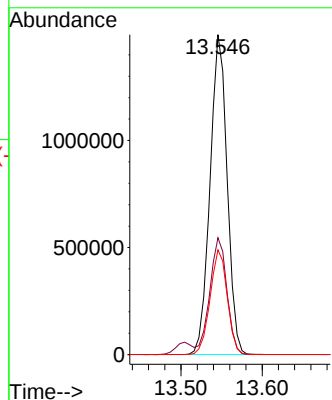
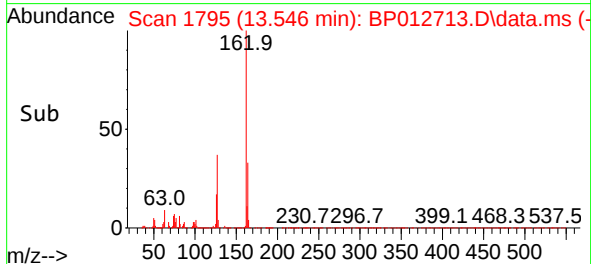
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



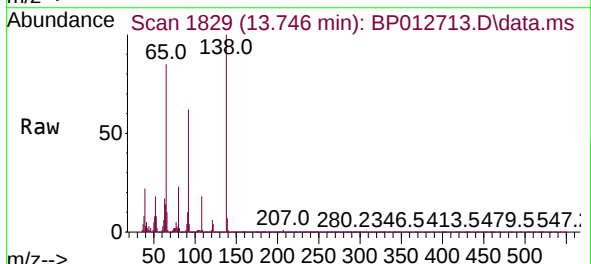
Tgt Ion: 162 Resp: 2189683
Ion Ratio Lower Upper
162 100
127 36.5 28.2 42.2
164 32.7 26.2 39.2

Manual Integrations
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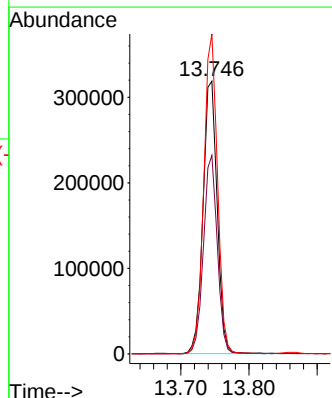
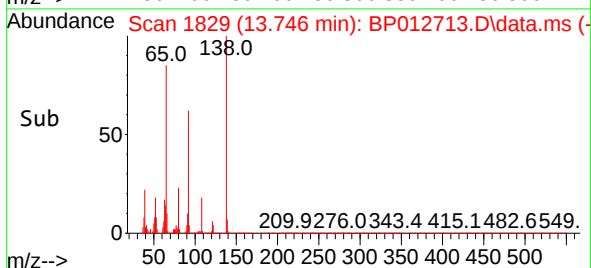
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

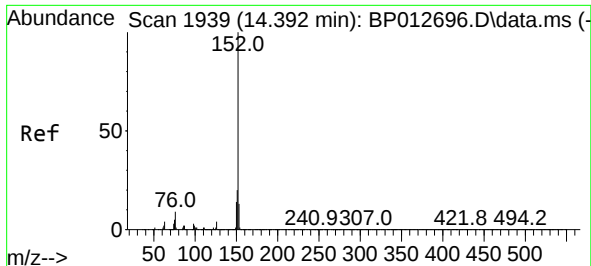


#48
2-Nitroaniline
Concen: 40.323 ng
RT: 13.746 min Scan# 1829
Delta R.T. 0.001 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



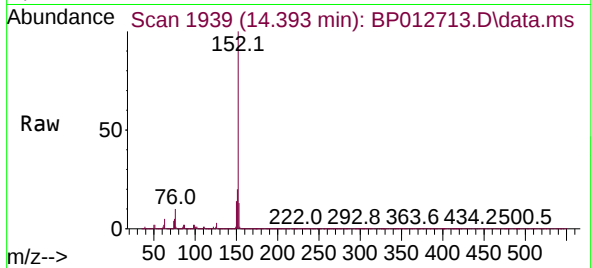
Tgt Ion: 65 Resp: 459788
Ion Ratio Lower Upper
65 100
92 72.8 55.4 83.2
138 117.3 89.5 134.3





#49
Acenaphthylene
Concen: 47.405 ng
RT: 14.393 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

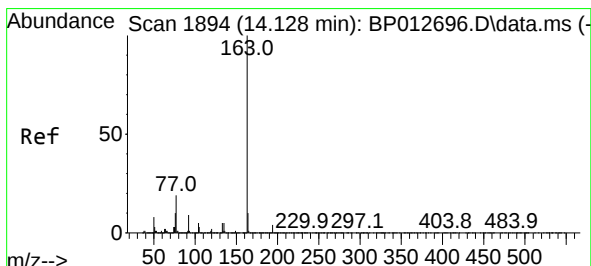
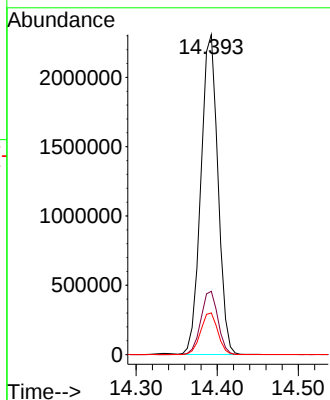
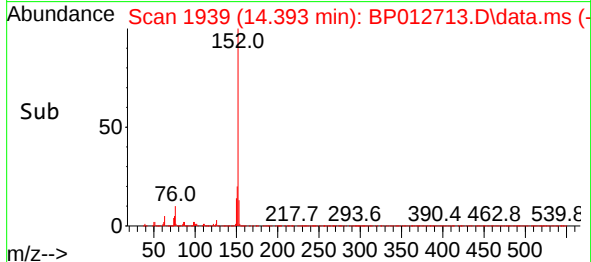
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



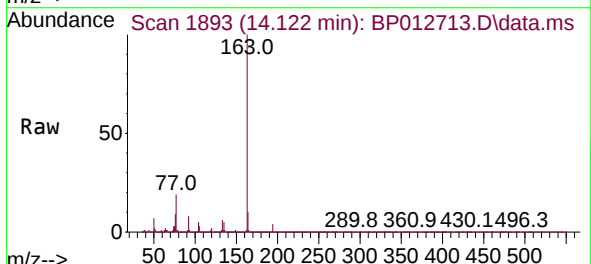
Tgt Ion:152 Resp: 3368672
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.7 16.1

Manual Integrations
APPROVED

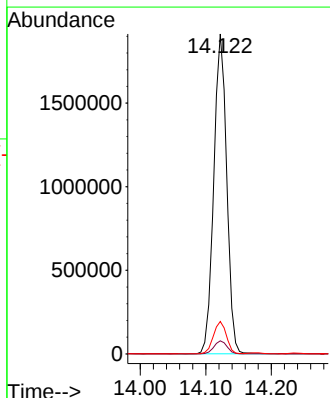
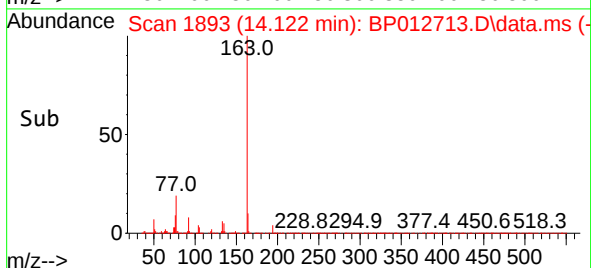
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

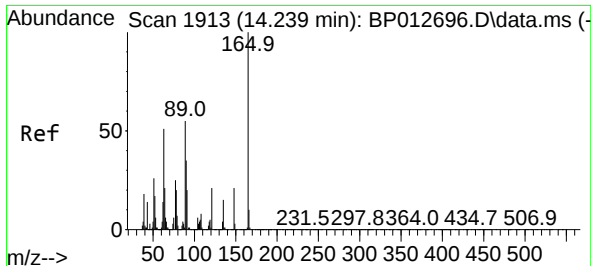


#50
Dimethylphthalate
Concen: 47.893 ng
RT: 14.122 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



Tgt Ion:163 Resp: 2632318
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 8.3 12.5





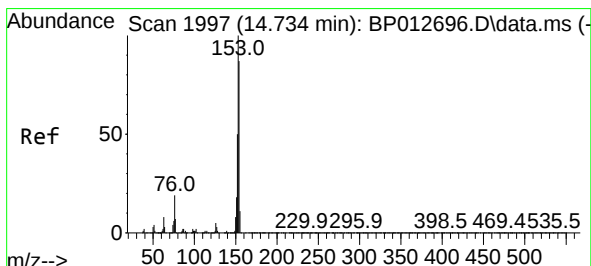
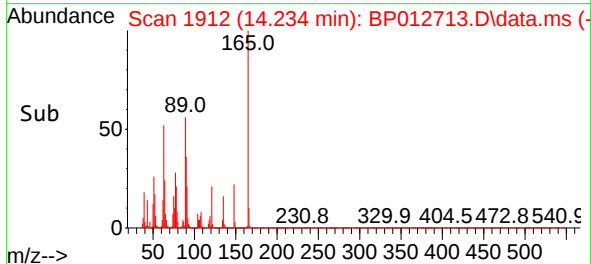
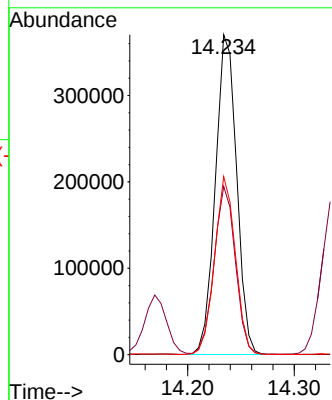
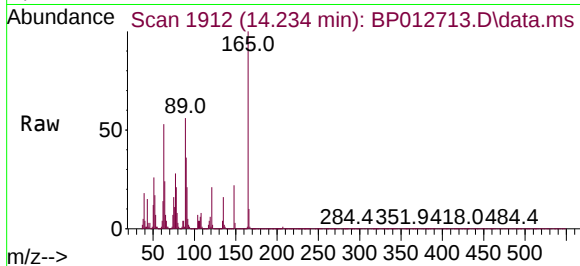
#51
2,6-Dinitrotoluene
Concen: 44.566 ng
RT: 14.234 min Scan# 1913
Delta R.T. -0.005 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Instrument :
BNA_P
ClientSampleId :
MH-12MSD

Tgt Ion:165 Resp: 514795
Ion Ratio Lower Upper
165 100
63 52.6 43.0 64.4
89 55.6 44.4 66.6

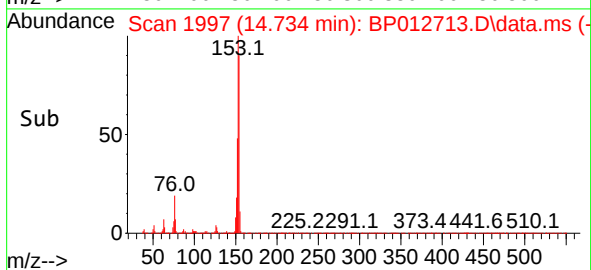
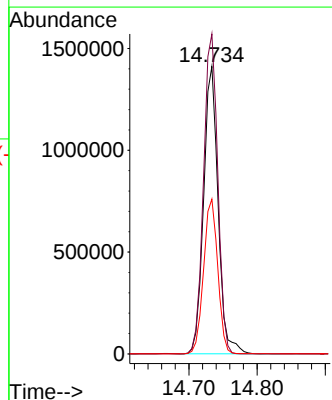
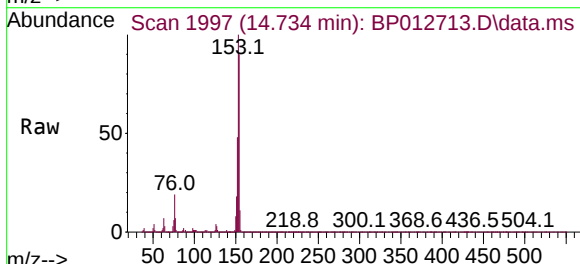
Manual Integrations
APPROVED

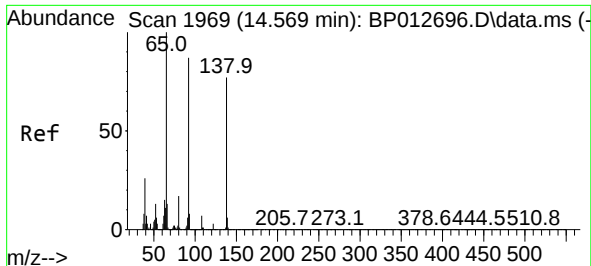
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#52
Acenaphthene
Concen: 46.330 ng
RT: 14.734 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Tgt Ion:154 Resp: 2086461
Ion Ratio Lower Upper
154 100
153 111.3 91.7 137.5
152 53.8 45.7 68.5





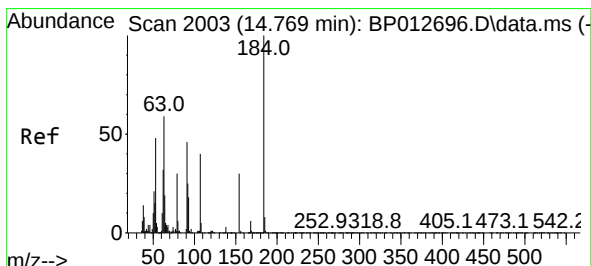
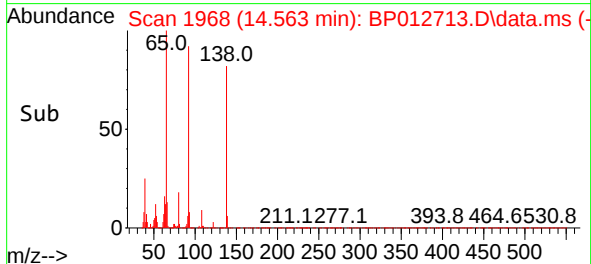
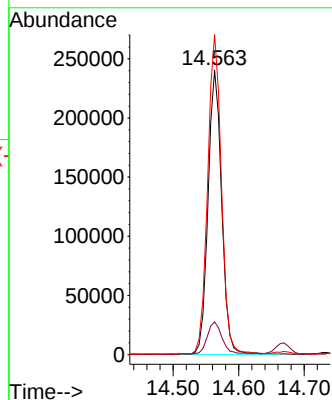
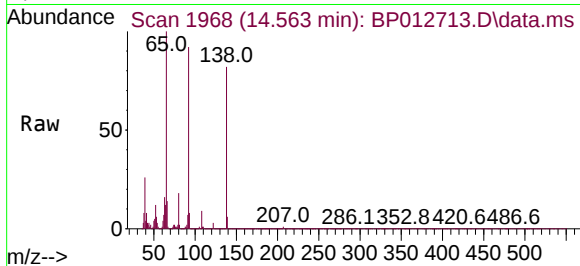
#53
3-Nitroaniline
Concen: 27.649 ng
RT: 14.563 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Instrument :
BNA_P
ClientSampleId :
MH-12MSD

Tgt Ion:138 Resp: 345558
Ion Ratio Lower Upper
138 100
108 11.5 7.4 11.2
92 112.5 91.3 136.9

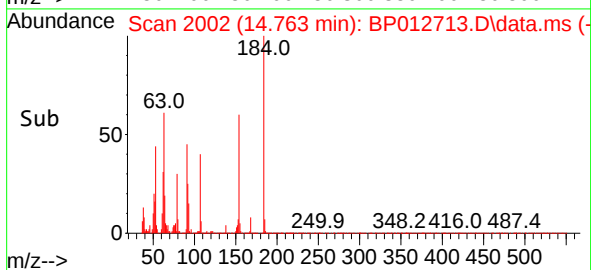
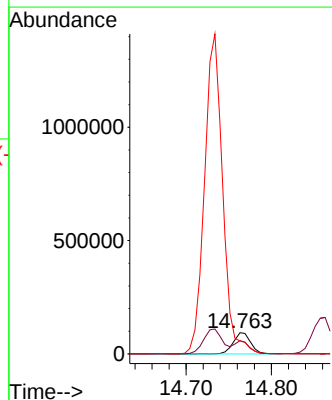
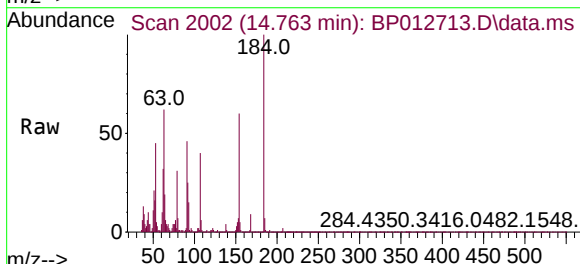
Manual Integrations
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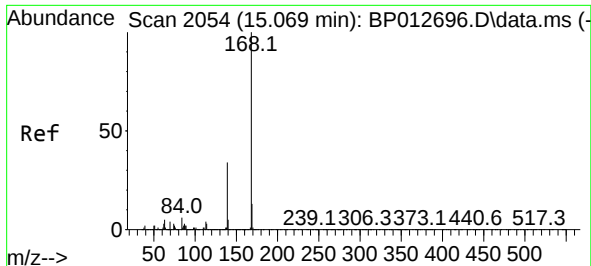
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#54
2,4-Dinitrophenol
Concen: 32.108 ng
RT: 14.763 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

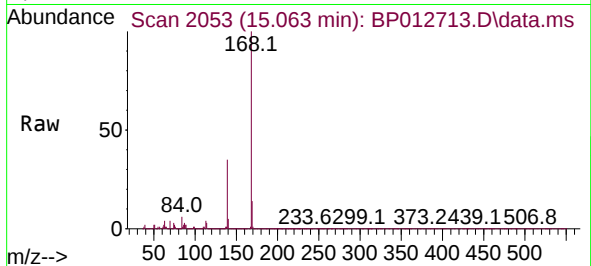
Tgt Ion:184 Resp: 132490
Ion Ratio Lower Upper
184 100
63 61.8 50.0 75.0
154 60.5 45.5 68.3





#55
Dibenzenofuran
Concen: 45.941 ng
RT: 15.063 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

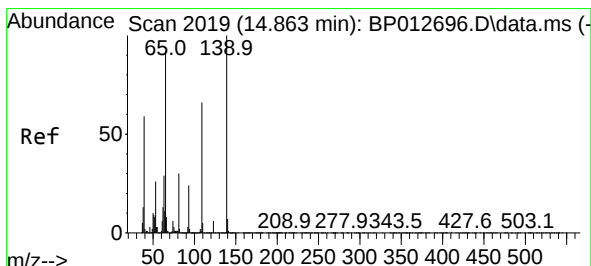
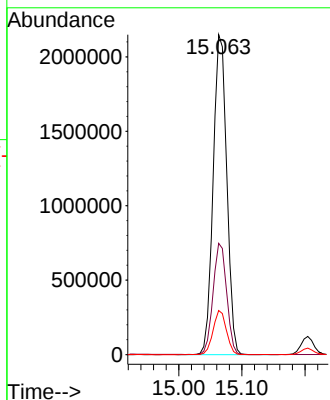
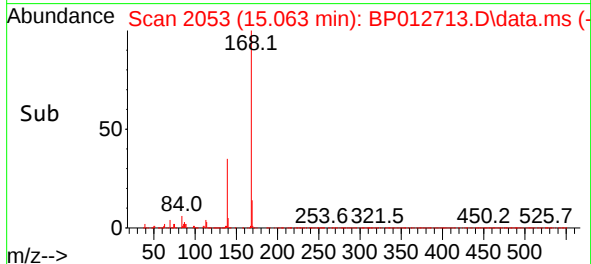
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



Tgt Ion:168 Resp: 3218059
Ion Ratio Lower Upper
168 100
139 34.8 27.5 41.3
169 13.8 10.7 16.1

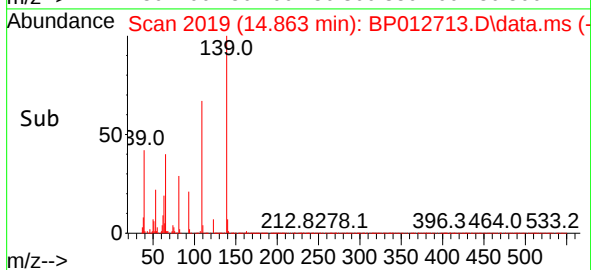
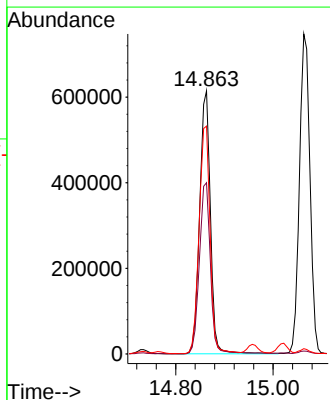
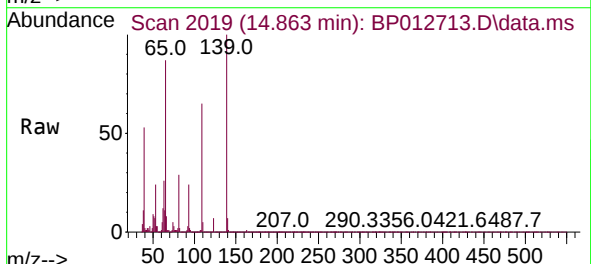
Manual Integrations
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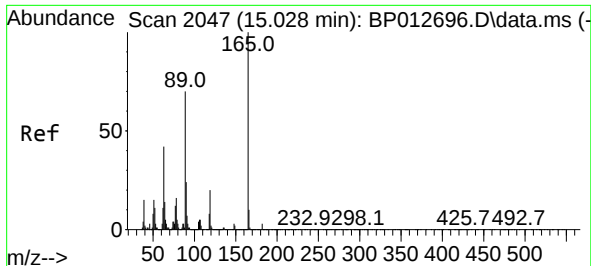
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#56
4-Nitrophenol
Concen: 82.099 ng
RT: 14.863 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Tgt Ion:139 Resp: 939662
Ion Ratio Lower Upper
139 100
109 65.1 46.1 86.1
65 86.6 72.5 112.5





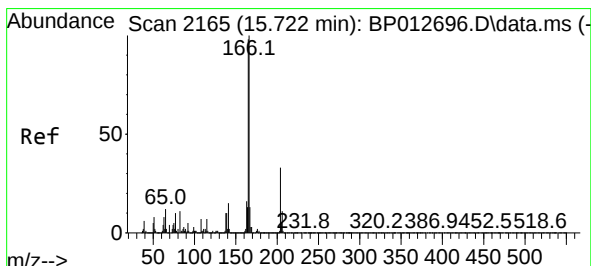
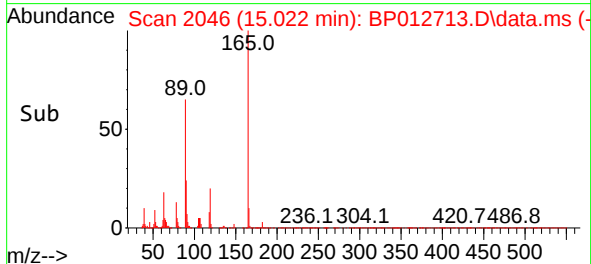
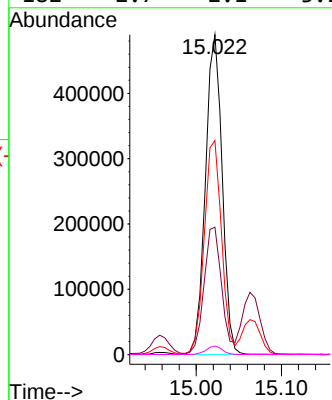
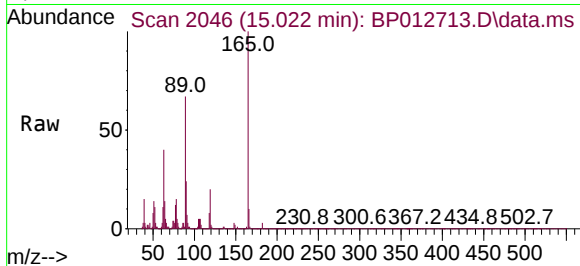
#57
2,4-Dinitrotoluene
Concen: 39.522 ng
RT: 15.022 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Instrument :
BNA_P
ClientSampleId :
MH-12MSD

Tgt Ion:165 Resp: 666508
Ion Ratio Lower Upper
165 100
63 39.8 33.7 50.5
89 66.9 56.3 84.5
182 2.7 2.1 3.1

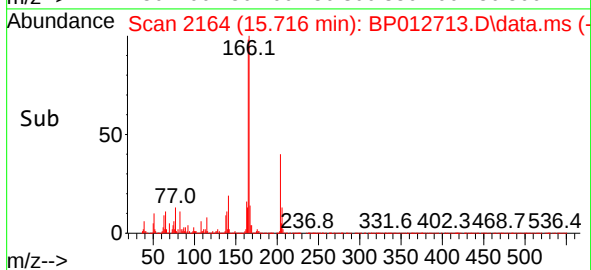
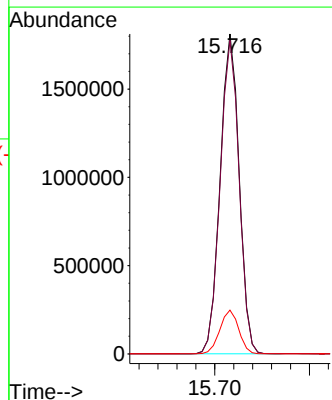
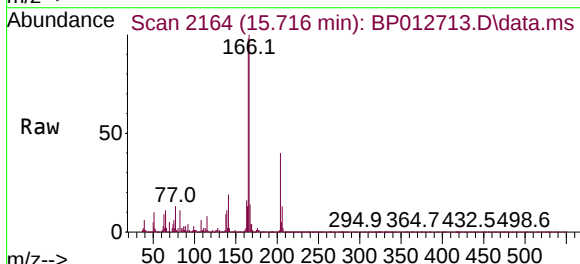
Manual Integrations
APPROVED

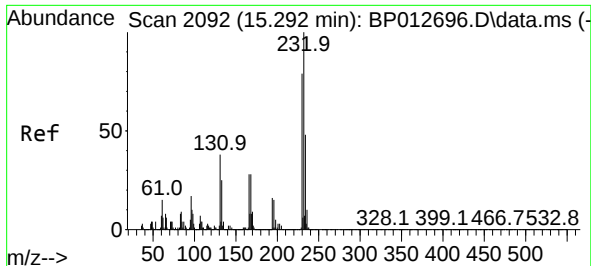
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#58
Fluorene
Concen: 43.803 ng
RT: 15.716 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Tgt Ion:166 Resp: 2522636
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.7 10.8 16.2





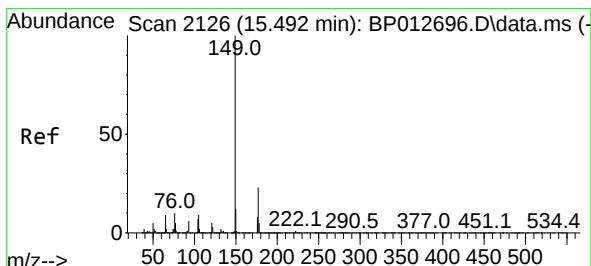
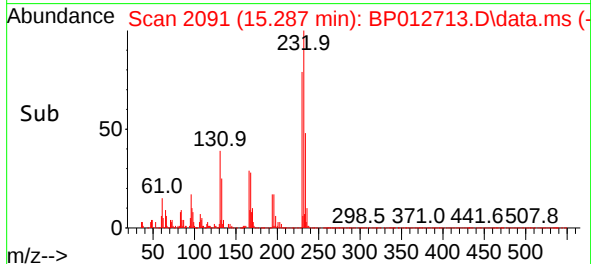
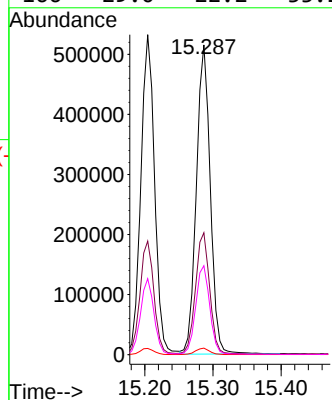
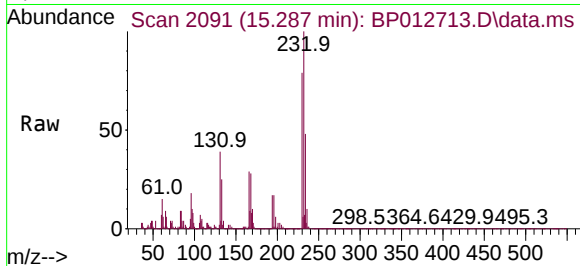
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.589 ng
RT: 15.287 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Instrument :
BNA_P
ClientSampleId :
MH-12MSD

Tgt Ion:232 Resp: 731605
Ion Ratio Lower Upper
232 100
131 40.0 32.0 48.0
130 2.1 1.7 2.5
166 29.0 22.2 33.2

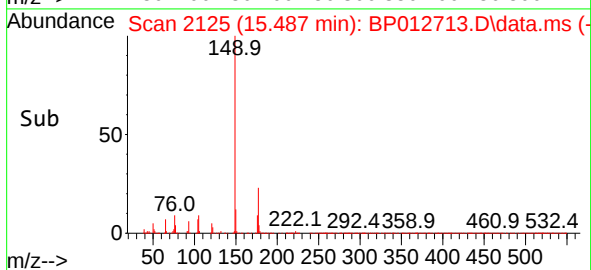
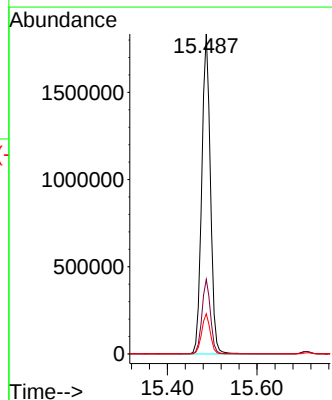
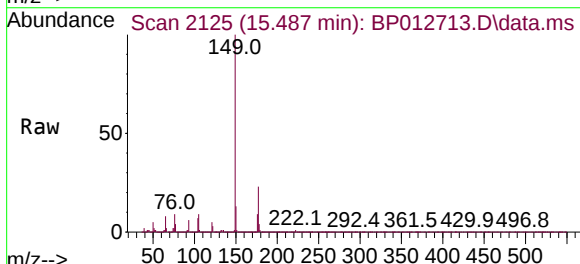
Manual Integrations
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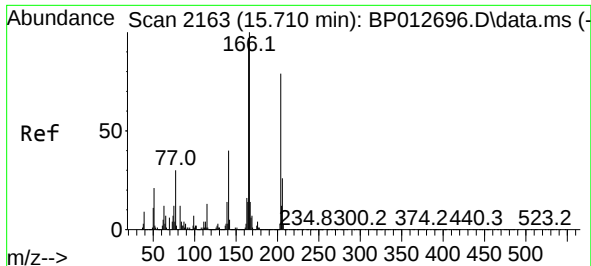
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#60
Diethylphthalate
Concen: 47.146 ng
RT: 15.487 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

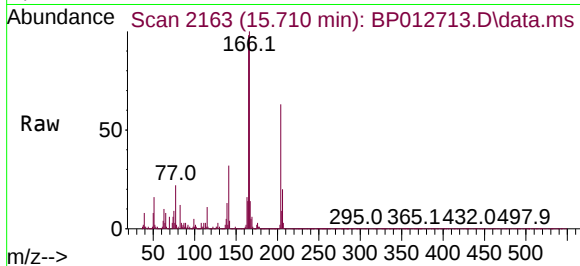
Tgt Ion:149 Resp: 2450664
Ion Ratio Lower Upper
149 100
177 23.3 18.5 27.7
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.286 ng
RT: 15.710 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

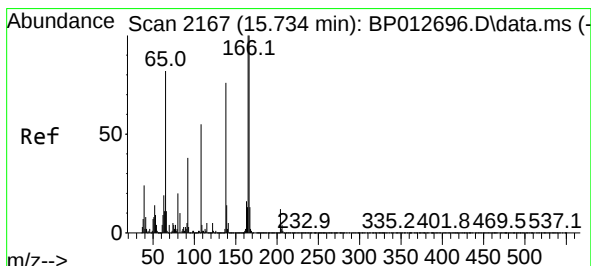
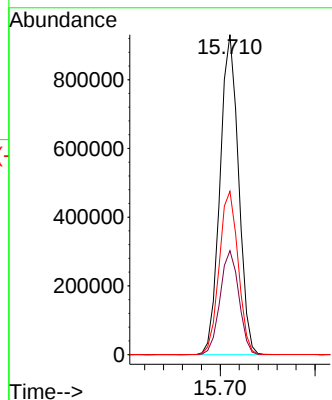
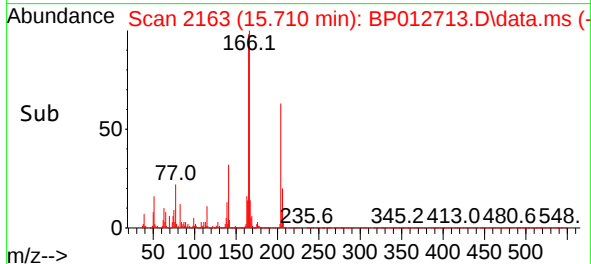
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



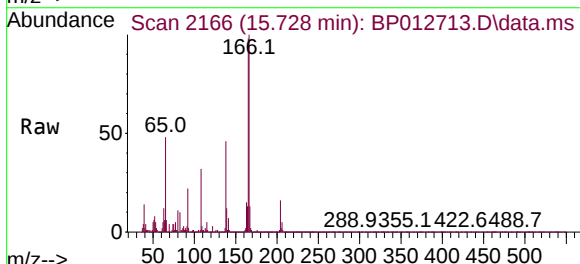
Tgt Ion:204 Resp: 1266205
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 51.0 41.1 61.7

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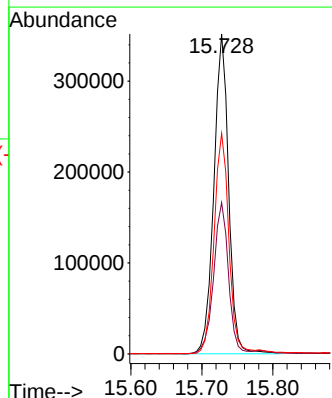
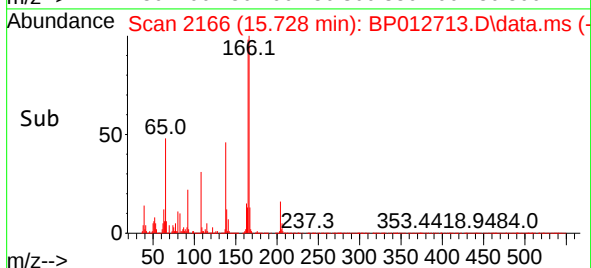
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

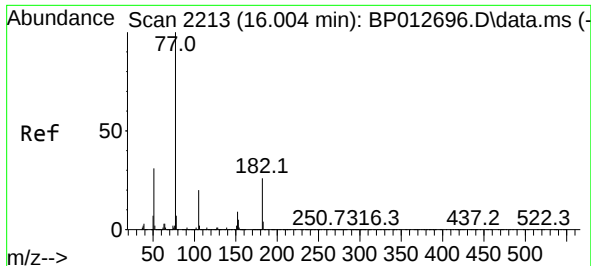


#62
4-Nitroaniline
Concen: 39.313 ng
RT: 15.728 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



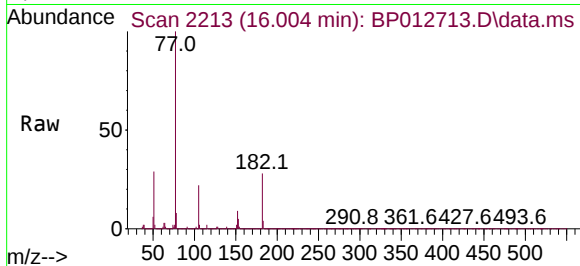
Tgt Ion:138 Resp: 510785
Ion Ratio Lower Upper
138 100
92 47.3 29.6 69.6
108 68.9 51.4 91.4





#63
Azobenzene
Concen: 42.312 ng
RT: 16.004 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

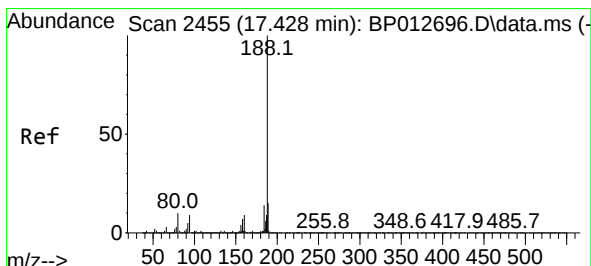
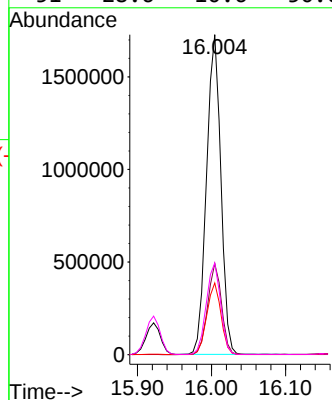
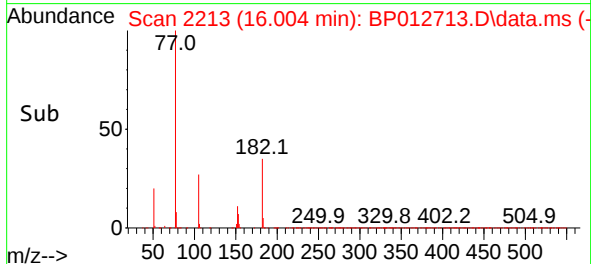
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



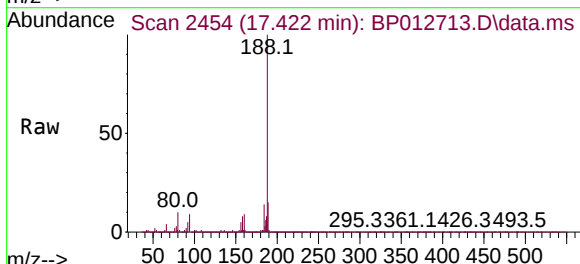
Tgt Ion: 77 Resp: 2318058
Ion Ratio Lower Upper
77 100
182 28.4 6.1 46.1
105 22.4 0.4 40.4
51 28.6 10.6 50.6

Manual Integrations
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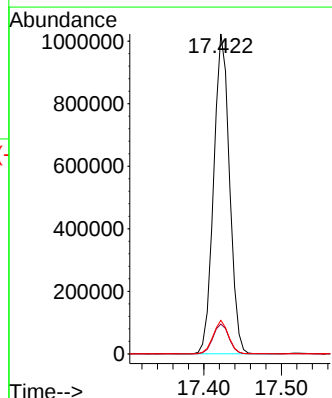
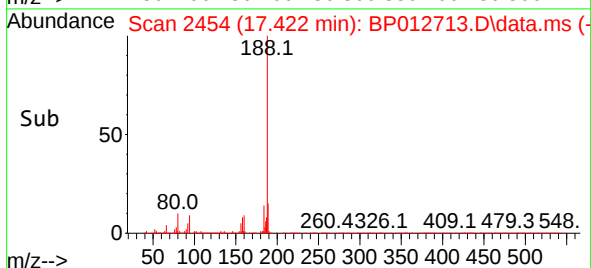
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

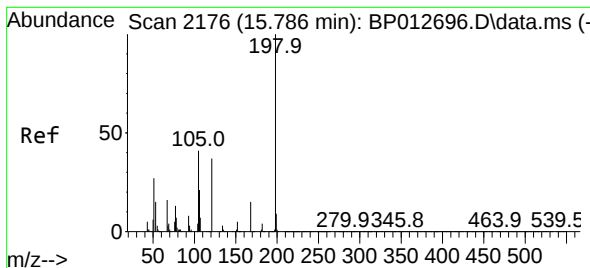


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.422 min Scan# 2454
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



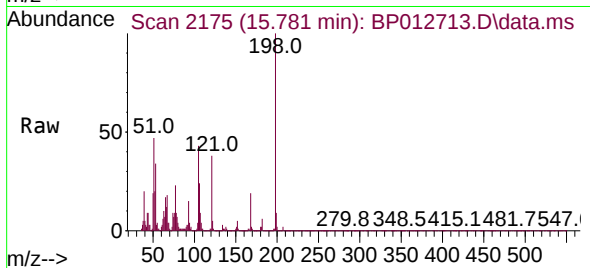
Tgt Ion:188 Resp: 1451539
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.5 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 30.884 ng
RT: 15.781 min Scan# 2175
Delta R.T. -0.005 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

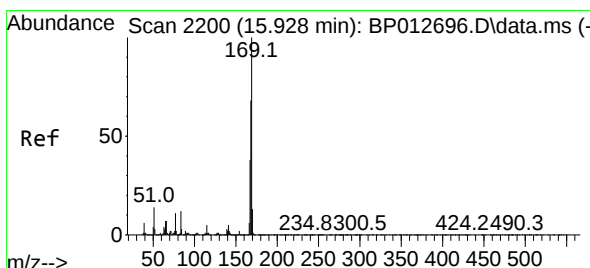
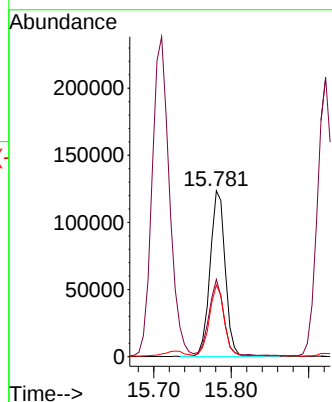
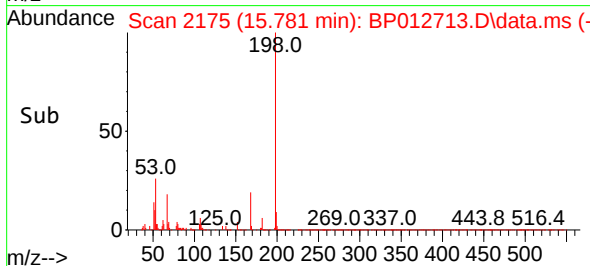
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



Tgt Ion:198 Resp: 167445
Ion Ratio Lower Upper
198 100
51 46.5 25.7 65.7
105 43.3 22.8 62.8

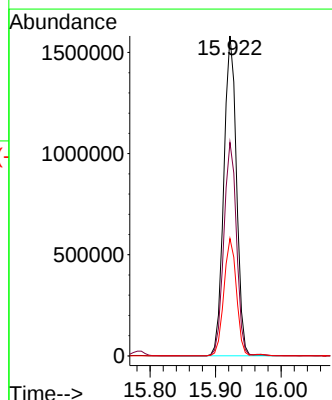
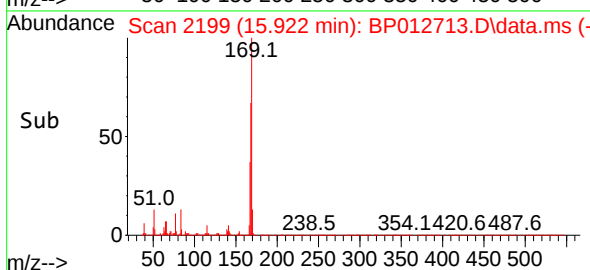
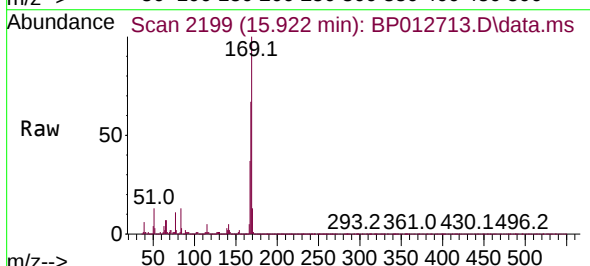
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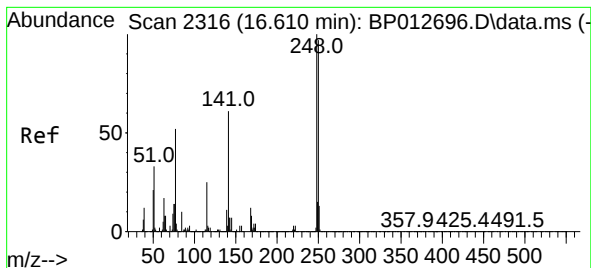
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#66
n-Nitrosodiphenylamine
Concen: 52.581 ng
RT: 15.922 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

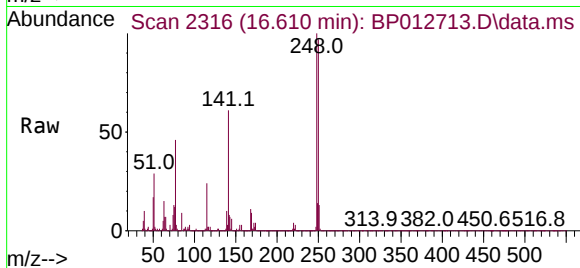
Tgt Ion:169 Resp: 2133184
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.2
167 36.7 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 51.947 ng
RT: 16.610 min Scan# 2316
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

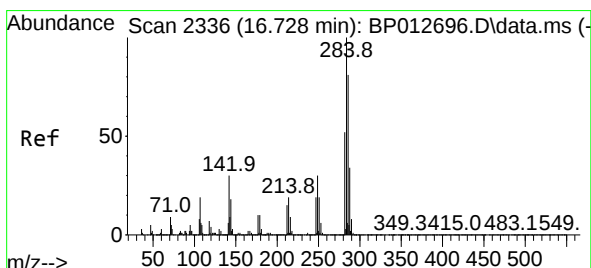
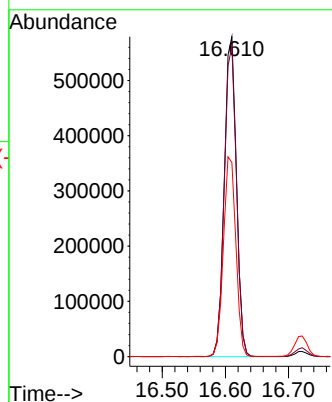
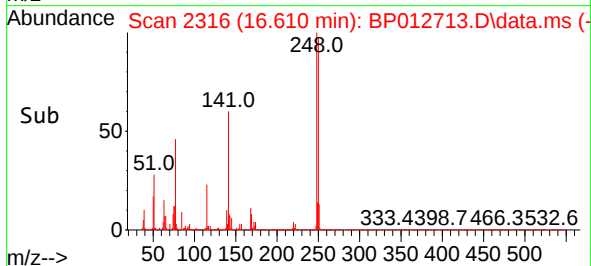
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



Tgt Ion:248 Resp: 771248
Ion Ratio Lower Upper
248 100
250 97.1 77.6 116.4
141 60.7 48.6 72.8

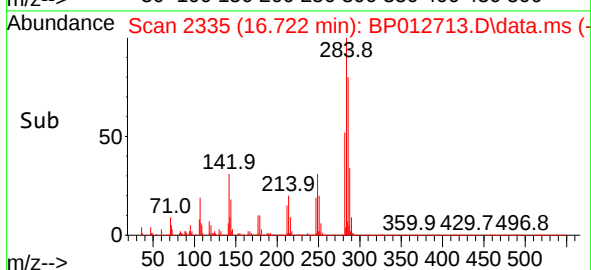
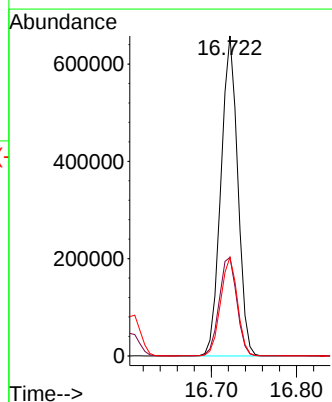
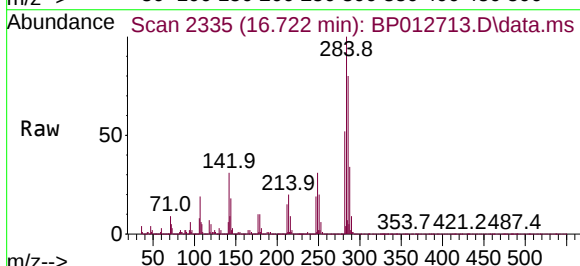
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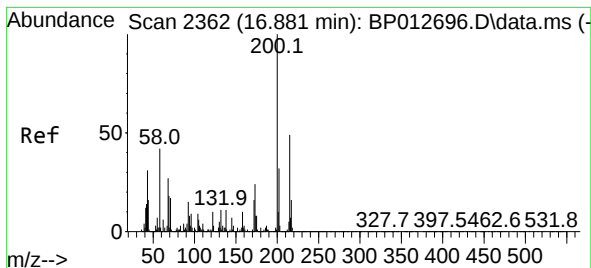
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#68
Hexachlorobenzene
Concen: 49.081 ng
RT: 16.722 min Scan# 2335
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Tgt Ion:284 Resp: 900384
Ion Ratio Lower Upper
284 100
142 30.8 24.0 36.0
249 30.8 24.3 36.5





#69

Atrazine

Concen: 55.903 ng

RT: 16.875 min Scan# 2361

Delta R.T. -0.006 min

Lab File: BP012713.D

Acq: 23 Nov 2022 16:40

Instrument :

BNA_P

ClientSampleId :

MH-12MSD

Tgt Ion:200 Resp: 715564

Ion Ratio Lower Upper

200 100

173 25.1 4.3 44.3

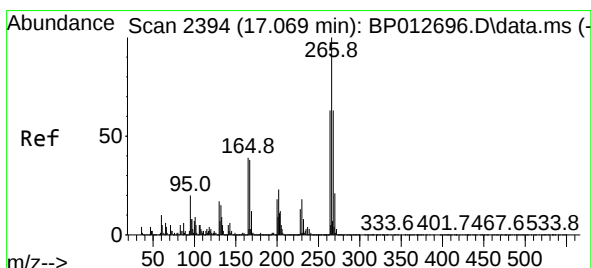
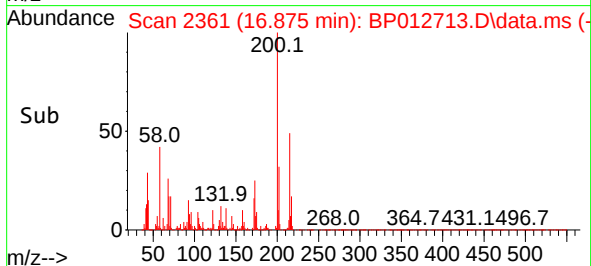
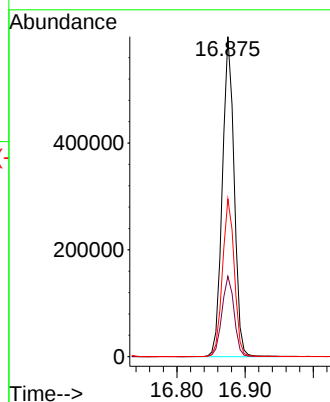
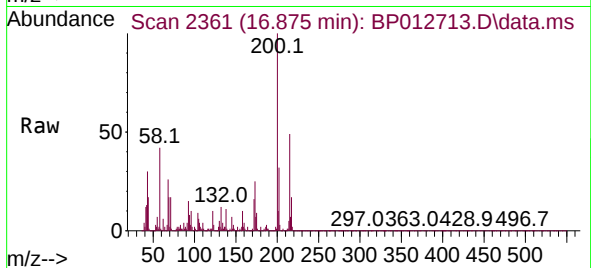
215 49.3 29.5 69.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/25/2022

Supervised By :Jagrut Upadhyay 11/25/2022



#70

Pentachlorophenol

Concen: 108.690 ng

RT: 17.063 min Scan# 2393

Delta R.T. -0.006 min

Lab File: BP012713.D

Acq: 23 Nov 2022 16:40

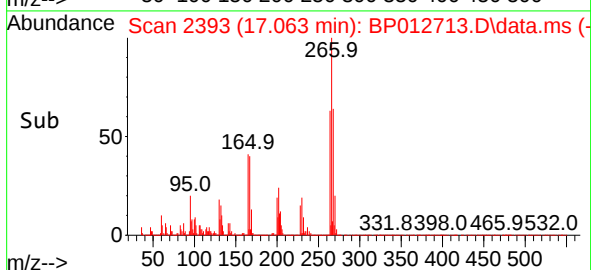
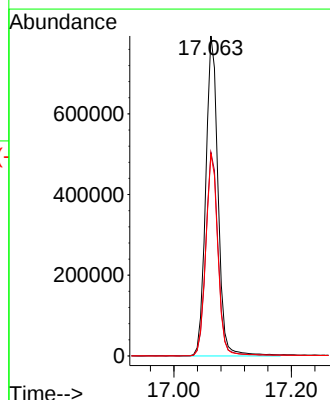
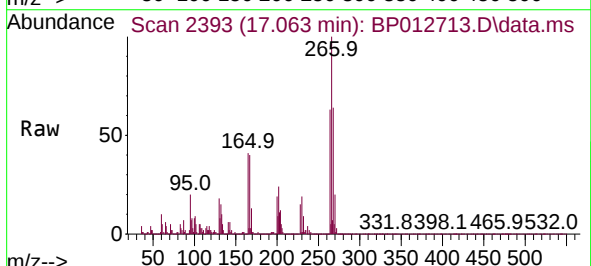
Tgt Ion:266 Resp: 1152979

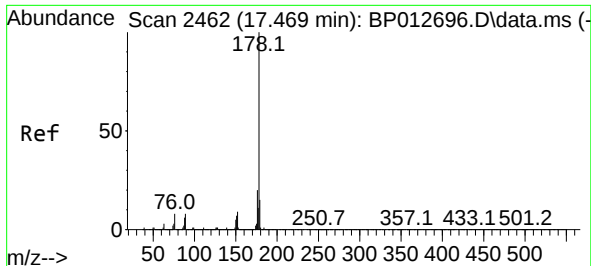
Ion Ratio Lower Upper

266 100

268 63.6 50.5 75.7

264 63.1 50.2 75.2





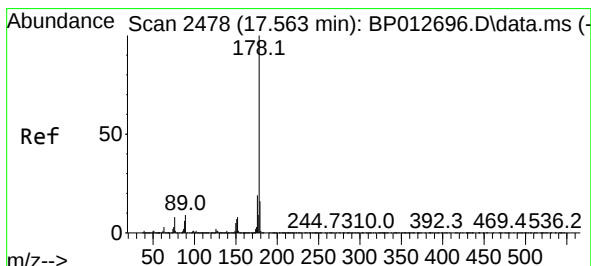
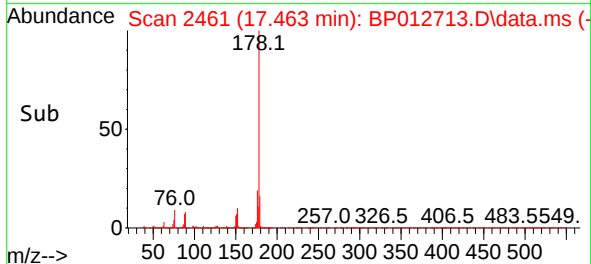
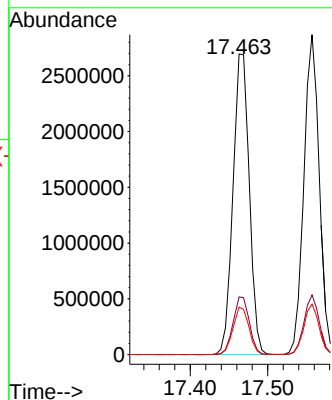
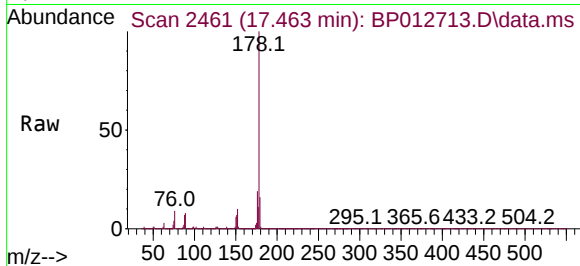
#71
Phenanthrene
Concen: 48.149 ng
RT: 17.463 min Scan# 2462
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Instrument :
BNA_P
ClientSampleId :
MH-12MSD

Tgt Ion:178 Resp: 3953452
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.8 12.4 18.6

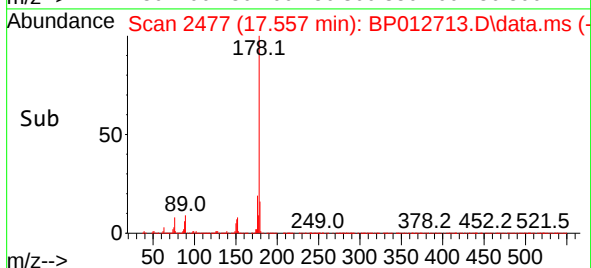
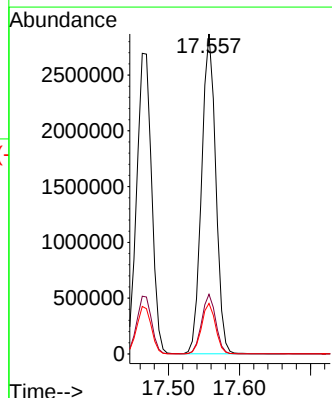
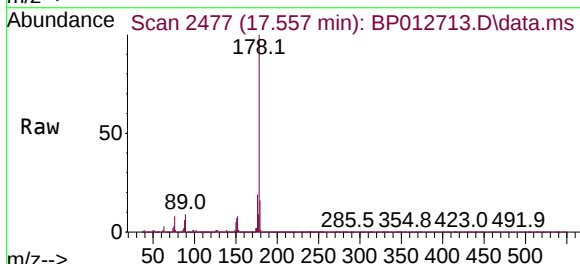
Manual Integrations
APPROVED

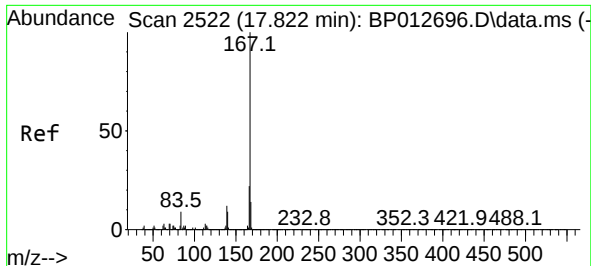
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#72
Anthracene
Concen: 50.752 ng
RT: 17.557 min Scan# 2477
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

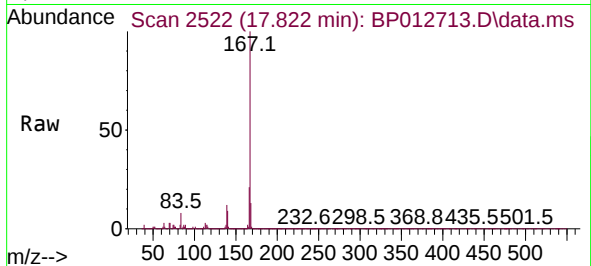
Tgt Ion:178 Resp: 3959662
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 52.329 ng
 RT: 17.822 min Scan# 2522
 Delta R.T. 0.000 min
 Lab File: BP012713.D
 Acq: 23 Nov 2022 16:40

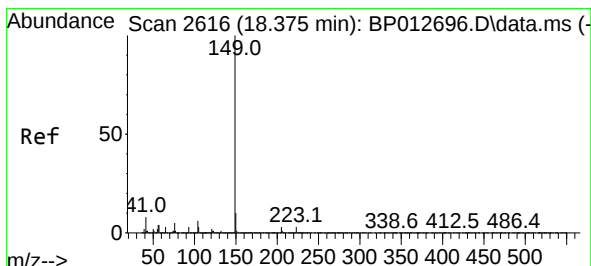
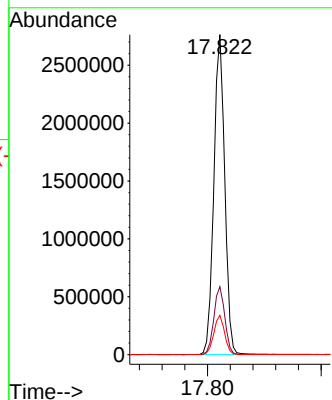
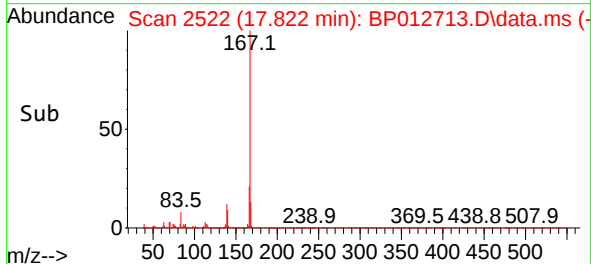
Instrument :
 BNA_P
 ClientSampleId :
 MH-12MSD



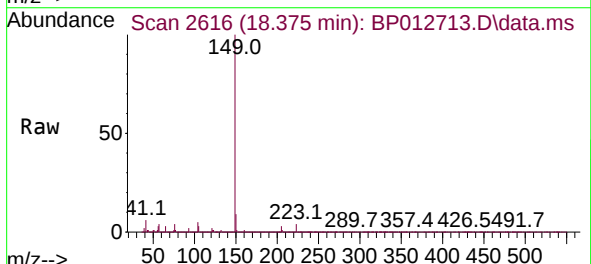
Tgt Ion:167 Resp: 3688558
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.2
 139 12.2 9.7 14.5

Manual Integrations
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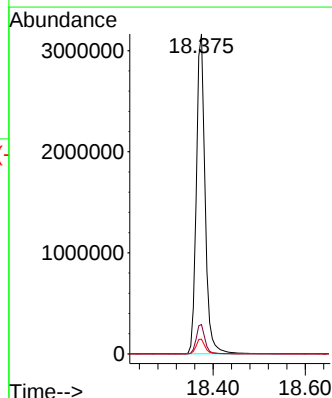
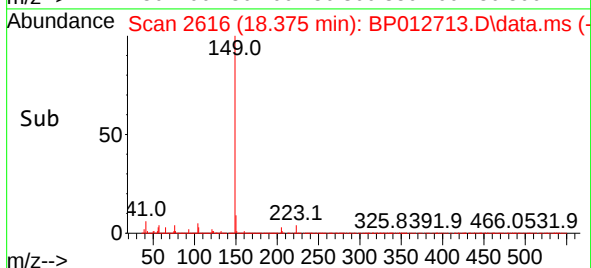
Reviewed By :Christian Giraldo 11/25/2022
 Supervised By :Jagrut Upadhyay 11/25/2022

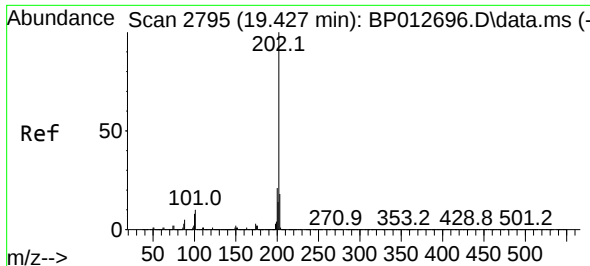


#74
 Di-n-butylphthalate
 Concen: 54.253 ng
 RT: 18.375 min Scan# 2616
 Delta R.T. -0.000 min
 Lab File: BP012713.D
 Acq: 23 Nov 2022 16:40



Tgt Ion:149 Resp: 4149914
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.6 4.6 6.8





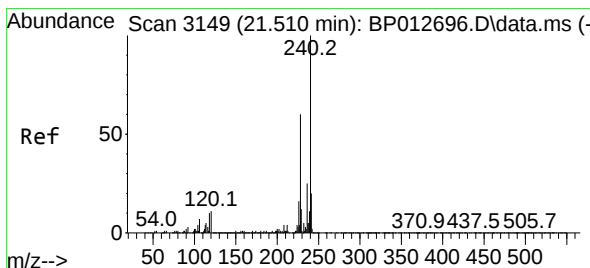
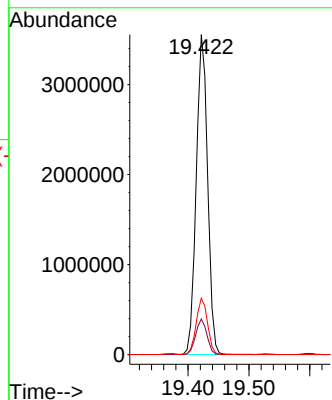
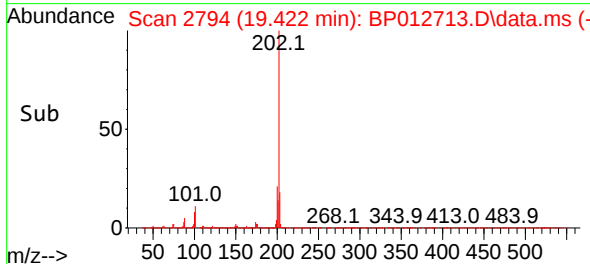
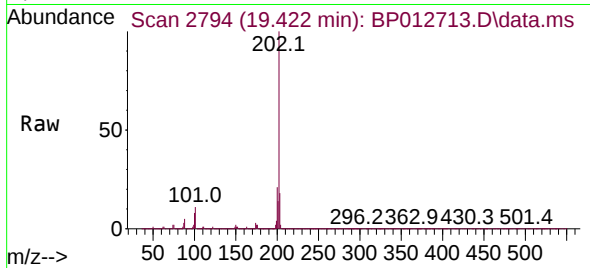
#75
Fluoranthene
Concen: 47.531 ng
RT: 19.422 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Instrument :
BNA_P
ClientSampleId :
MH-12MSD

Tgt Ion:202 Resp: 4604183
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.3
203 17.6 0.0 38.0

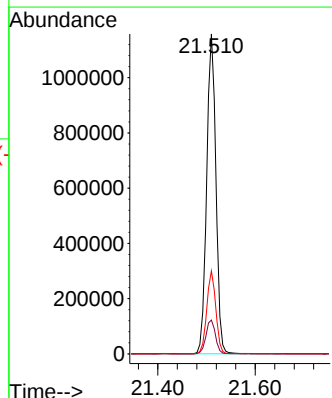
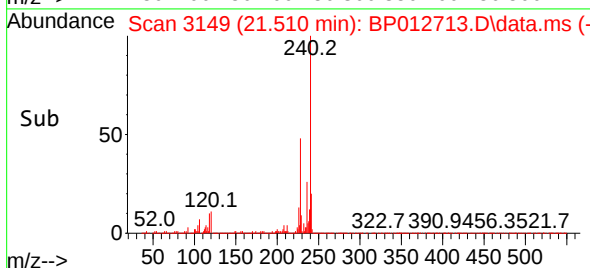
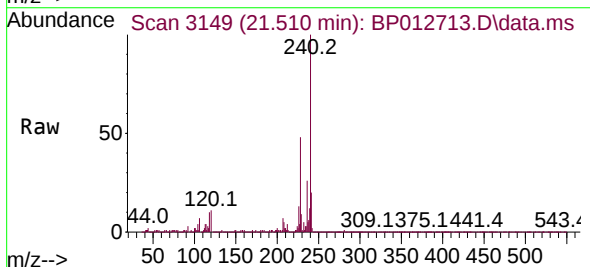
Manual Integrations
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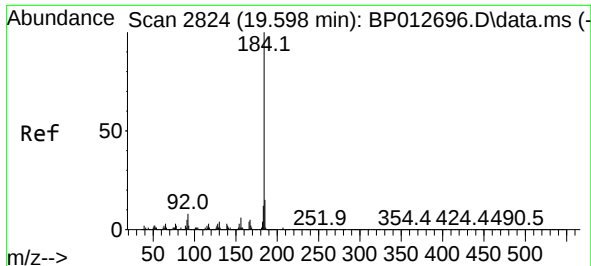
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Tgt Ion:240 Resp: 1530678
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 25.9 20.4 30.6





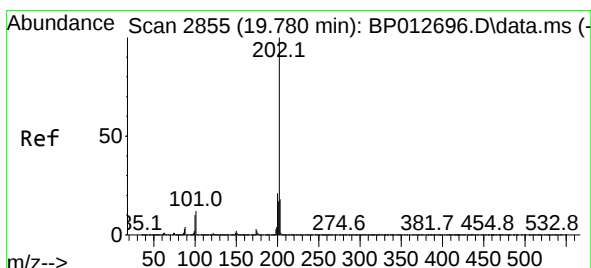
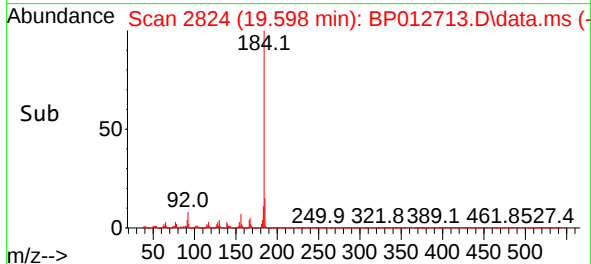
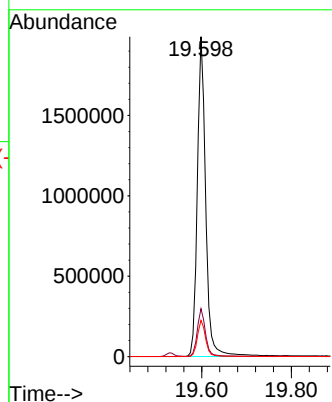
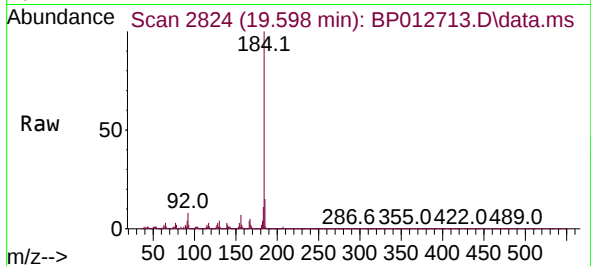
#77
Benzidine
Concen: 287.820 ng
RT: 19.598 min Scan# 2824
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Instrument :
BNA_P
ClientSampleId :
MH-12MSD

Tgt Ion:184 Resp: 2596001
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 11.3 9.4 14.2

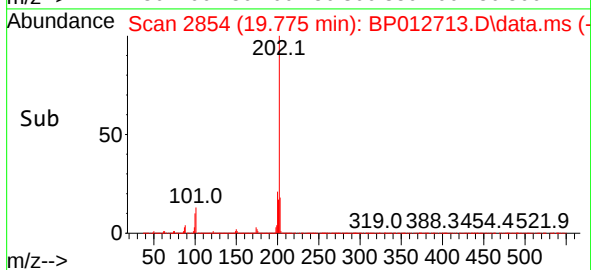
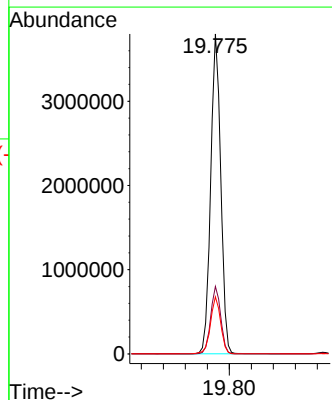
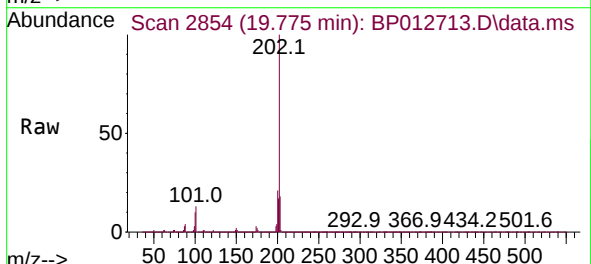
Manual Integrations
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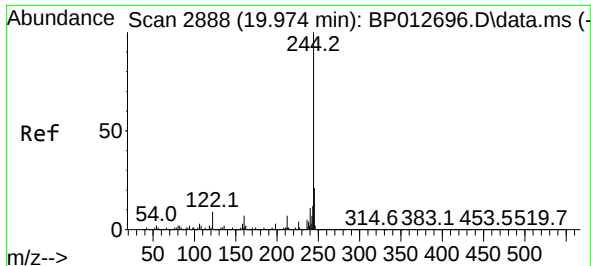
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#78
Pyrene
Concen: 47.704 ng
RT: 19.775 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Tgt Ion:202 Resp: 4820884
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.8 14.2 21.4





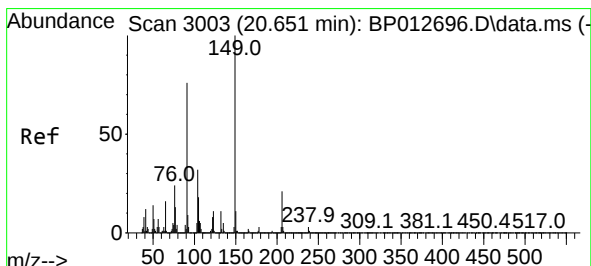
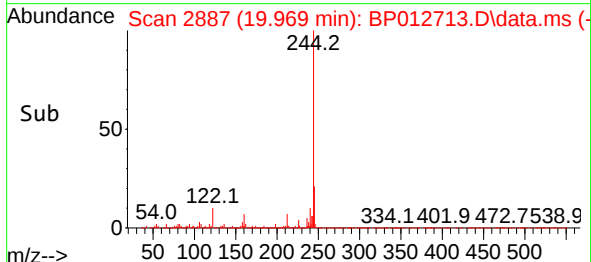
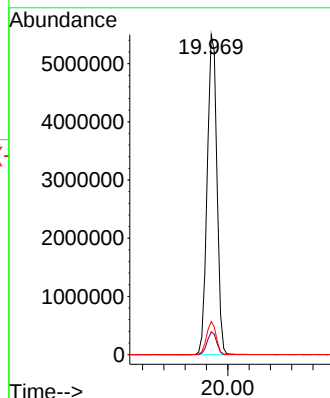
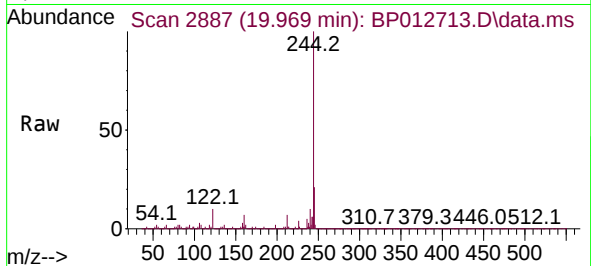
#79
 Terphenyl-d14
 Concen: 96.481 ng
 RT: 19.969 min Scan# 2888
 Delta R.T. -0.006 min
 Lab File: BP012713.D
 Acq: 23 Nov 2022 16:40

Instrument :
 BNA_P
 ClientSampleId :
 MH-12MSD

Tgt Ion:244 Resp: 6948488
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.4 6.9 10.3

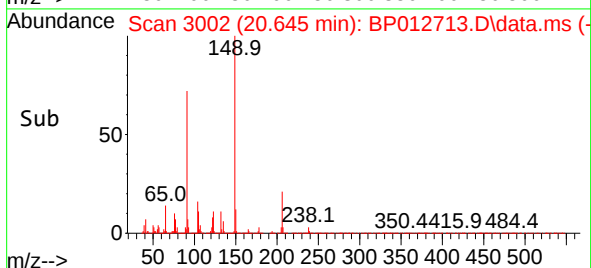
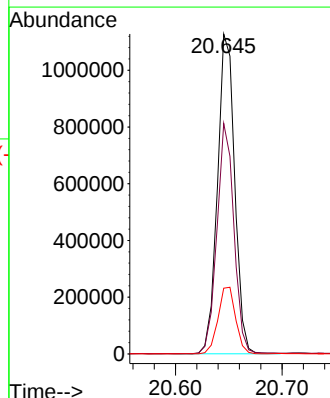
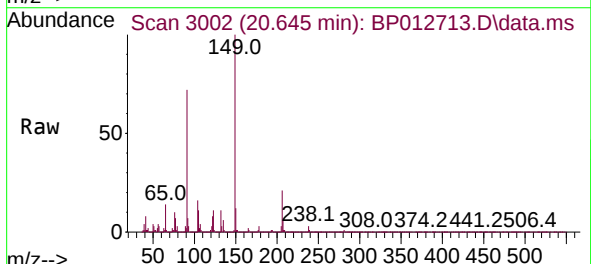
Manual Integrations
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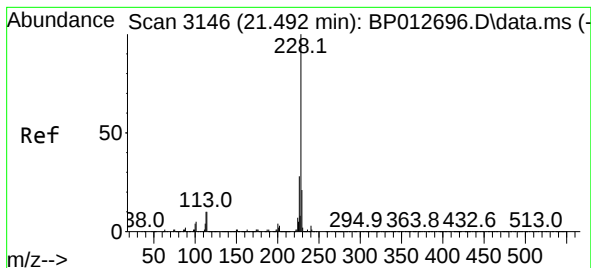
Reviewed By :Christian Giraldo 11/25/2022
 Supervised By :Jagrut Upadhyay 11/25/2022



#80
 Butylbenzylphthalate
 Concen: 76.027 ng
 RT: 20.645 min Scan# 3002
 Delta R.T. -0.006 min
 Lab File: BP012713.D
 Acq: 23 Nov 2022 16:40

Tgt Ion:149 Resp: 1269048
 Ion Ratio Lower Upper
 149 100
 91 72.0 61.1 91.7
 206 20.5 16.5 24.7





#81

Benzo(a)anthracene

Concen: 48.043 ng

RT: 21.492 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BP012713.D

Acq: 23 Nov 2022 16:40

Instrument :

BNP_P

ClientSampleId :

MH-12MSD

Tgt Ion:228 Resp: 4969934

Ion Ratio Lower Upper

228 100

226 27.4 22.5 33.7

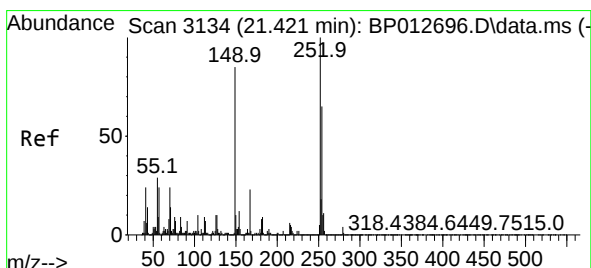
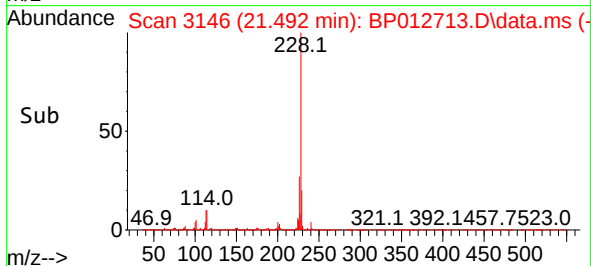
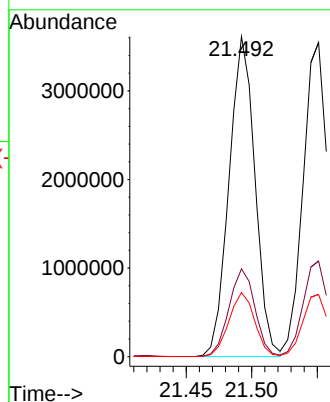
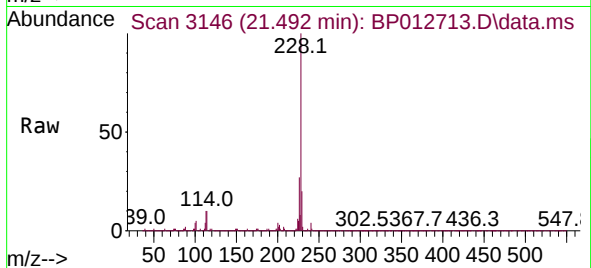
229 20.1 16.6 25.0

Manual Integrations

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Reviewed By :Christian Giraldo 11/25/2022

Supervised By :Jagrut Upadhyay 11/25/2022



#82

3,3'-Dichlorobenzidine

Concen: 40.230 ng

RT: 21.416 min Scan# 3133

Delta R.T. -0.005 min

Lab File: BP012713.D

Acq: 23 Nov 2022 16:40

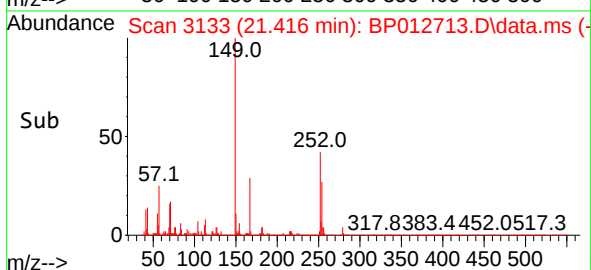
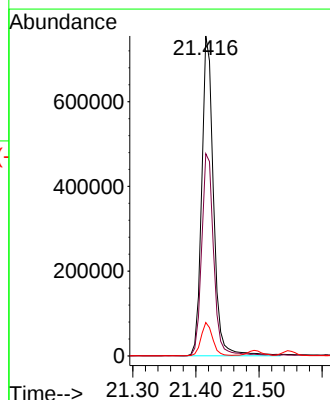
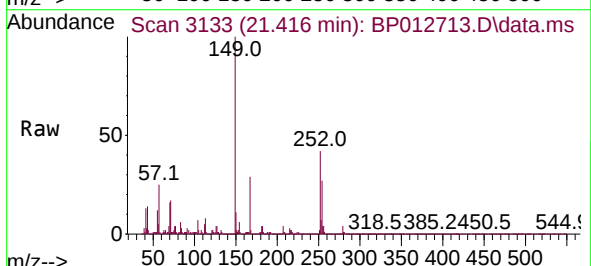
Tgt Ion:252 Resp: 977484

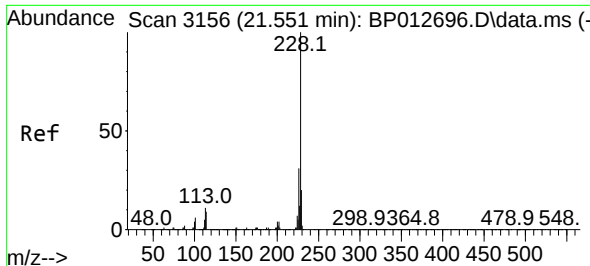
Ion Ratio Lower Upper

252 100

254 63.2 51.7 77.5

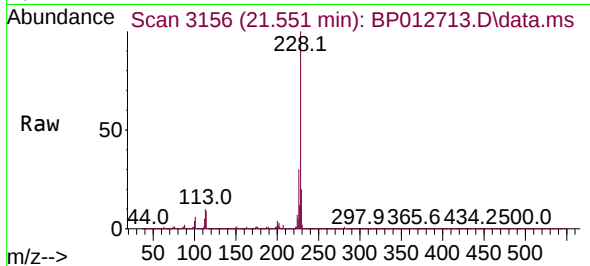
126 10.4 7.7 11.5





#83
Chrysene
Concen: 47.636 ng
RT: 21.551 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

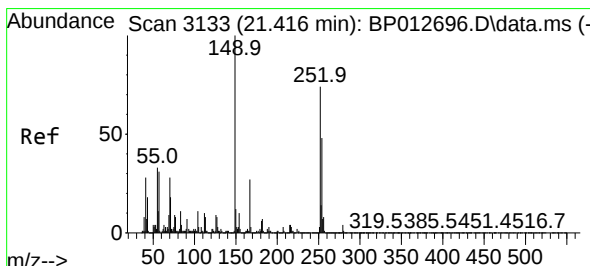
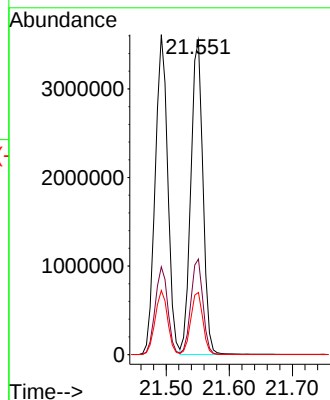
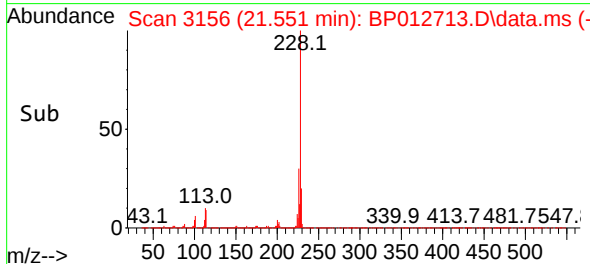
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



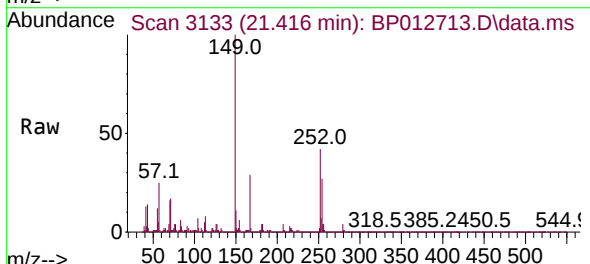
Tgt Ion:228 Resp: 4716935
Ion Ratio Lower Upper
228 100
226 30.5 25.0 37.4
229 19.8 16.3 24.5

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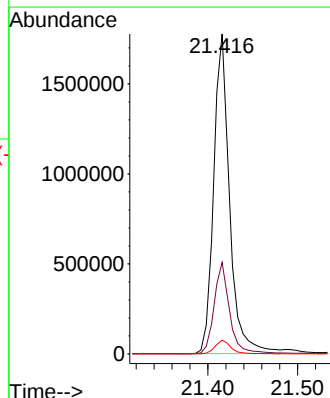
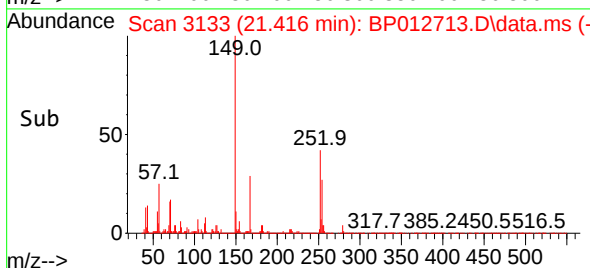
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

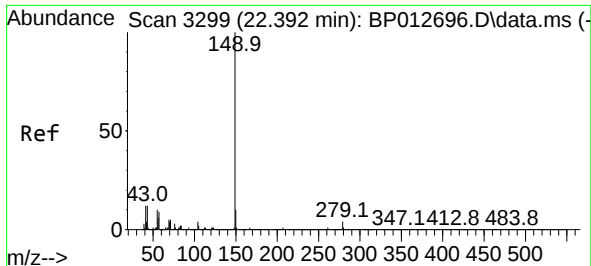


#84
Bis(2-ethylhexyl)phthalate
Concen: 69.342 ng
RT: 21.416 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



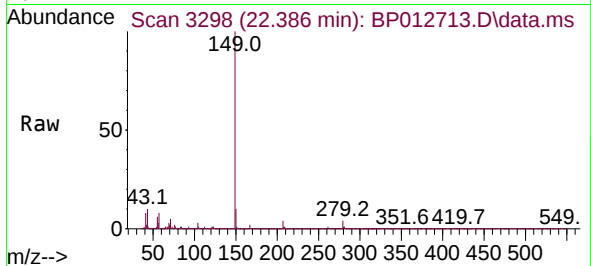
Tgt Ion:149 Resp: 2205263
Ion Ratio Lower Upper
149 100
167 28.6 21.5 32.3
279 4.3 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 69.005 ng
RT: 22.386 min Scan# 3299
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

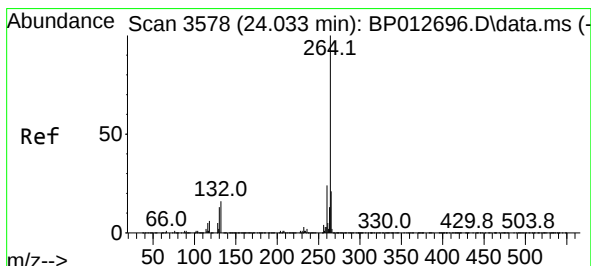
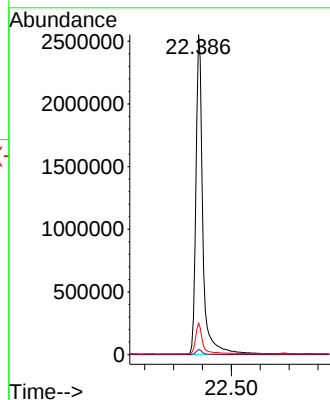
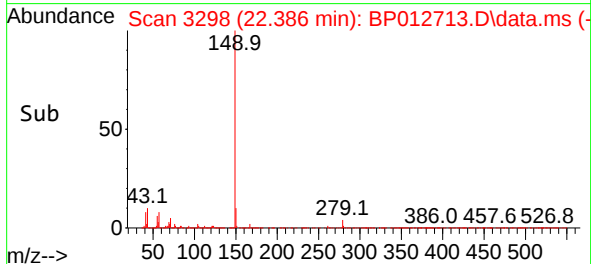
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



Tgt Ion:149 Resp: 4261218
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.4 12.5 18.7

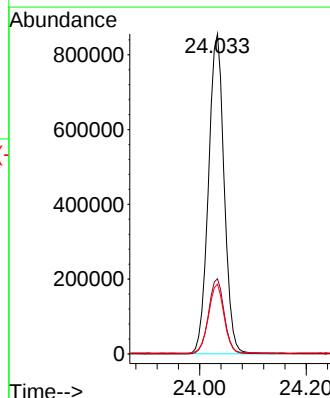
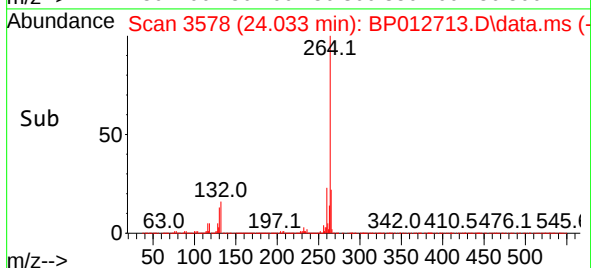
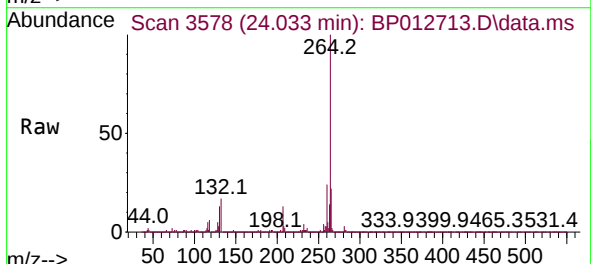
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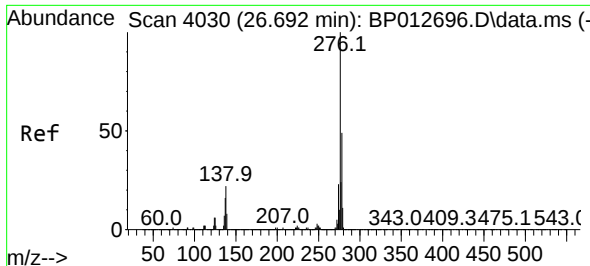
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.033 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

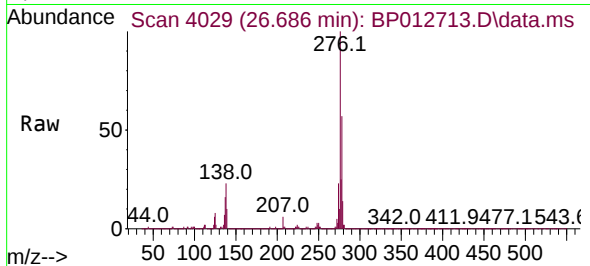
Tgt Ion:264 Resp: 1750945
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.8 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 56.988 ng
RT: 26.686 min Scan# 4030
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

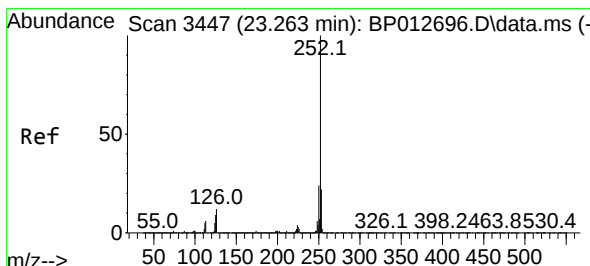
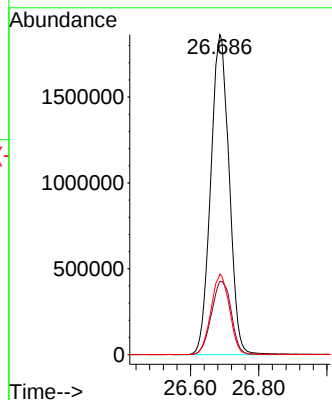
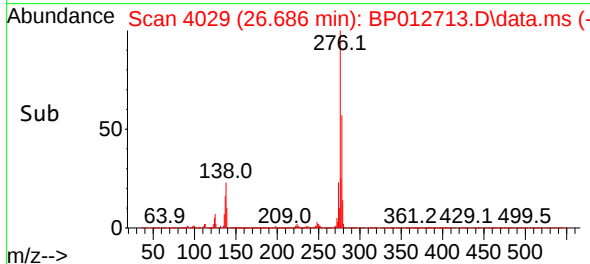
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



Tgt Ion:276 Resp: 6988593
Ion Ratio Lower Upper
276 100
138 24.7 19.6 29.4
277 25.3 20.1 30.1

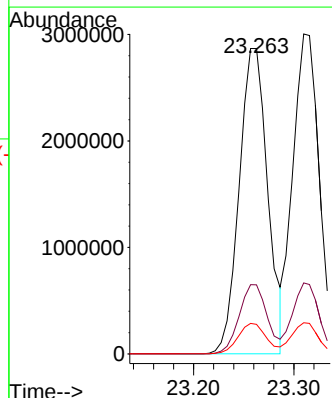
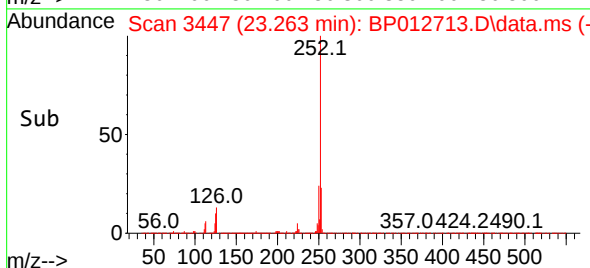
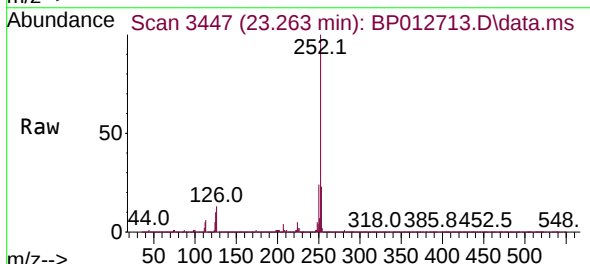
Manual Integrations
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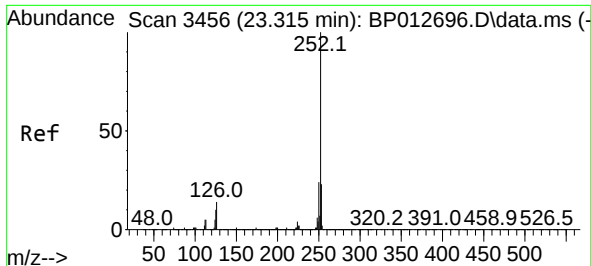
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#88
Benzo(b)fluoranthene
Concen: 48.233 ng
RT: 23.263 min Scan# 3447
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

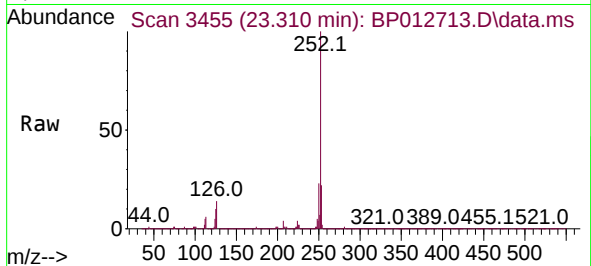
Tgt Ion:252 Resp: 5651125
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.7 7.5 11.3





#89
Benzo(k)fluoranthene
Concen: 45.927 ng
RT: 23.310 min Scan# 3456
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

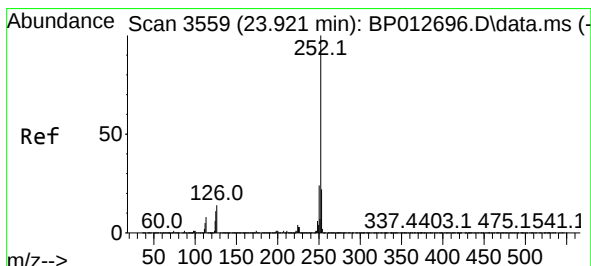
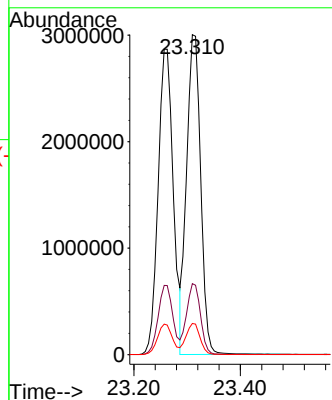
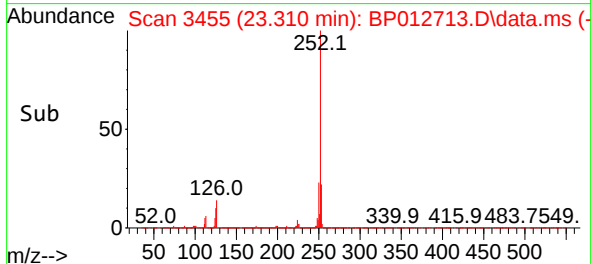
Instrument :
BNA_P
ClientSampleId :
MH-12MSD



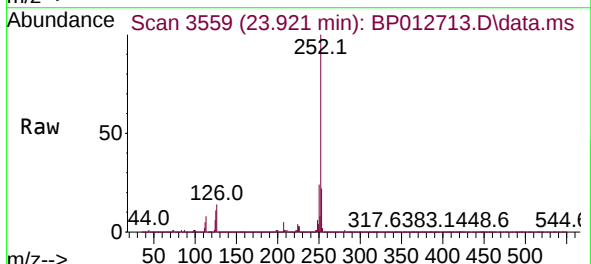
Tgt Ion:252 Resp: 5515297
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.7 7.7 11.5

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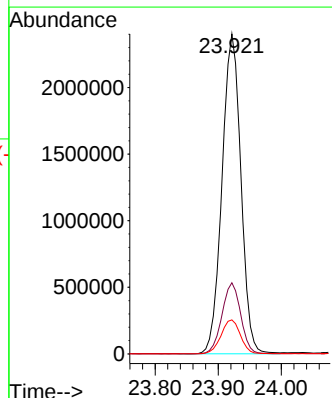
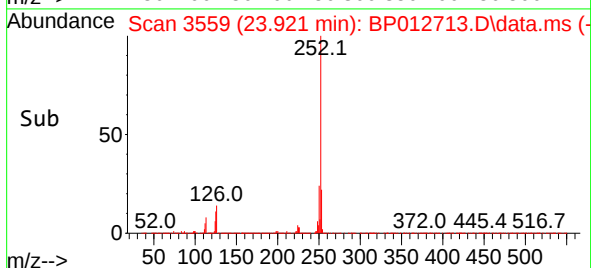
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

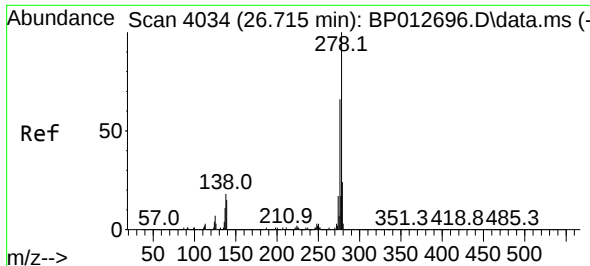


#90
Benzo(a)pyrene
Concen: 53.341 ng
RT: 23.921 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40



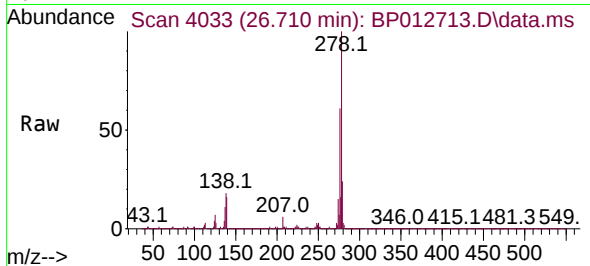
Tgt Ion:252 Resp: 4982270
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.6 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 57.455 ng
RT: 26.710 min Scan# 4034
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

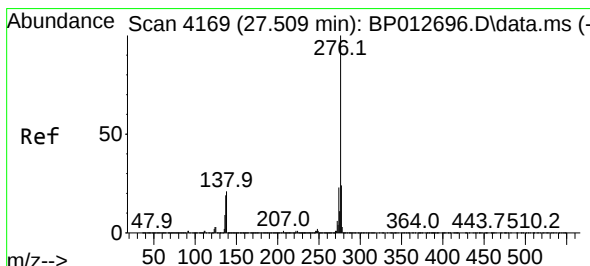
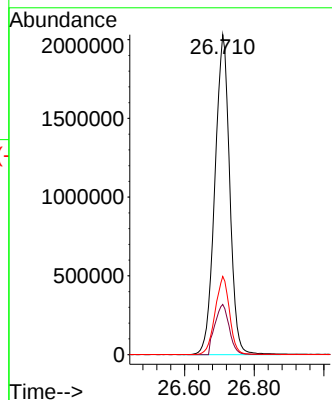
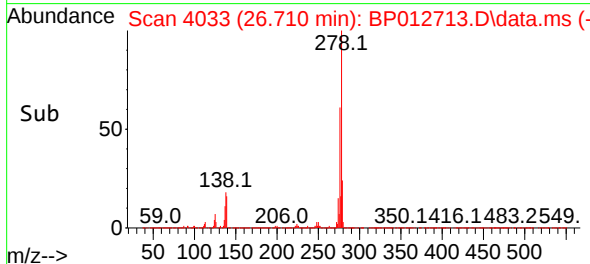
Instrument :
BNA_P
Client Sample Id :
MH-12MSD



Tgt Ion: 278 Resp: 6005968
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.2
279 24.4 19.0 28.6

Manual Integrations
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Reviewed By : Christian Giraldo 11/25/2022
Supervised By : Jagrut Upadhyay 11/25/2022



#92
Benzo(g,h,i)perylene
Concen: 62.698 ng
RT: 27.504 min Scan# 4168
Delta R.T. -0.006 min
Lab File: BP012713.D
Acq: 23 Nov 2022 16:40

Tgt Ion: 276 Resp: 5914892
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.2
138 20.8 17.1 25.7

