

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
 Data File : BM036146.D
 Acq On : 08 Aug 2022 14:56
 Operator : CG/JU
 Sample : N4063-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P-5CMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/09/2022
 Supervised By : Jagrut Upadhyay 08/09/2022

Quant Time: Aug 08 23:33:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 03:36:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	371721	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1593799	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	968309	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1907076	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1466661	20.000	ng	0.00
86) Perylene-d12	23.792	264	1207550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2635623	114.953	ng	0.02
7) Phenol-d6	7.069	99	3377535	115.772	ng	0.04
23) Nitrobenzene-d5	9.028	82	2010907	70.626	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1292711	113.800	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	4608145	70.265	ng	0.00
79) Terphenyl-d14	19.868	244	6459765	86.874	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	337066	36.483	ng	91
3) Pyridine	3.687	79	955121	38.552	ng	89
4) n-Nitrosodimethylamine	3.605	42	439194	43.140	ng	# 64
6) Aniline	7.187	93	1544681	47.813	ng	95
8) 2-Chlorophenol	7.428	128	1196805	48.957	ng	95
9) Benzaldehyde	6.993	77	752639	48.730	ng	95
10) Phenol	7.098	94	1457843	49.628	ng	90
11) bis(2-Chloroethyl)ether	7.281	93	1087415	44.937	ng	96
12) 1,3-Dichlorobenzene	7.734	146	1229630	45.392	ng	97
13) 1,4-Dichlorobenzene	7.887	146	1263282	45.728	ng	98
14) 1,2-Dichlorobenzene	8.204	146	1209572	45.378	ng	99
15) Benzyl Alcohol	8.116	79	978066m	49.959	ng	
16) 2,2'-oxybis(1-Chloropr...	8.393	45	1467031	45.592	ng	96
17) 2-Methylphenol	8.340	107	977885	50.289	ng	95
18) Hexachloroethane	8.928	117	471431	47.405	ng	97
19) n-Nitroso-di-n-propyla...	8.675	70	817407	46.127	ng	87
20) 3+4-Methylphenols	8.669	107	1292346	48.918	ng	# 87
22) Acetophenone	8.687	105	1698063	45.008	ng	# 94
24) Nitrobenzene	9.069	77	1228319	45.890	ng	95
25) Isophorone	9.598	82	2333487	50.379	ng	98
26) 2-Nitrophenol	9.775	139	643037	50.934	ng	92
27) 2,4-Dimethylphenol	9.863	122	1092163	55.845	ng	98
28) bis(2-Chloroethoxy)met...	10.081	93	1457276	44.160	ng	99
29) 2,4-Dichlorophenol	10.328	162	1088777	49.505	ng	100
30) 1,2,4-Trichlorobenzene	10.522	180	1076577	43.195	ng	98
31) Naphthalene	10.710	128	3549450	44.794	ng	99
32) Benzoic acid	10.063	122	822940	53.084	ng	93
33) 4-Chloroaniline	10.834	127	1228184	38.459	ng	96
34) Hexachlorobutadiene	10.986	225	648403	44.273	ng	97
35) Caprolactam	11.651	113	348179	51.397	ng	93
36) 4-Chloro-3-methylphenol	11.992	107	1144382	49.504	ng	99
37) 2-Methylnaphthalene	12.322	142	2437944	46.234	ng	98
38) 1-Methylnaphthalene	12.539	142	2339686	45.309	ng	98
40) 1,2,4,5-Tetrachloroben...	12.686	216	1190823	45.361	ng	98
41) Hexachlorocyclopentadiene	12.663	237	1489693	107.143	ng	99
43) 2,4,6-Trichlorophenol	12.945	196	843557	47.223	ng	99

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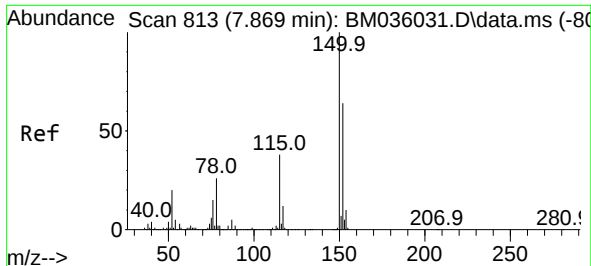
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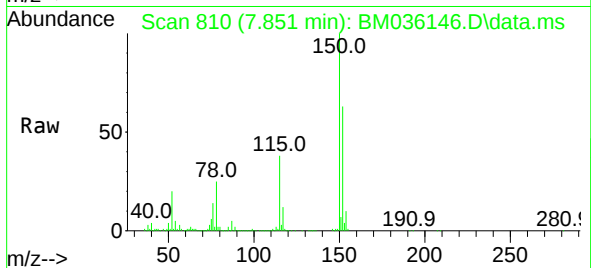
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	912056	48.367	ng	97
46) 1,1'-Biphenyl	13.333	154	3171537	44.943	ng	100
47) 2-Chloronaphthalene	13.375	162	2427362	44.943	ng	99
48) 2-Nitroaniline	13.598	65	728325	49.483	ng	89
49) Acenaphthylene	14.222	152	3865482	46.300	ng	100
50) Dimethylphthalate	13.969	163	2958840	44.934	ng	99
51) 2,6-Dinitrotoluene	14.092	165	652918	49.419	ng	90
52) Acenaphthene	14.563	154	2738438m	50.142	ng	
53) 3-Nitroaniline	14.427	138	604803	39.236	ng	93
54) 2,4-Dinitrophenol	14.627	184	707354	101.174	ng	91
55) Dibenzofuran	14.898	168	3600099	44.020	ng	98
56) 4-Nitrophenol	14.780	139	1224581	99.274	ng	87
57) 2,4-Dinitrotoluene	14.874	165	894279	51.641	ng	98
58) Fluorene	15.545	166	2910334	45.113	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.133	232	740331	46.347	ng	97
60) Diethylphthalate	15.327	149	3068204	45.341	ng	99
61) 4-Chlorophenyl-phenyle...	15.539	204	1412052	43.896	ng	98
62) 4-Nitroaniline	15.592	138	751130m	47.367	ng	
63) Azobenzene	15.833	77	2852944	44.348	ng	94
65) 4,6-Dinitro-2-methylph...	15.633	198	449724	46.120	ng	94
66) n-Nitrosodiphenylamine	15.763	169	2488191	46.218	ng	99
67) 4-Bromophenyl-phenylether	16.433	248	867480	45.476	ng	96
68) Hexachlorobenzene	16.539	284	1015582	46.401	ng	94
69) Atrazine	16.721	200	880295	58.437	ng	98
70) Pentachlorophenol	16.898	266	1195050	93.228	ng	99
71) Phenanthrene	17.286	178	4416005	45.451	ng	99
72) Anthracene	17.374	178	4446942	47.276	ng	98
73) Carbazole	17.657	167	4150143	43.545	ng	99
74) Di-n-butylphthalate	18.215	149	5357327	47.088	ng	99
75) Fluoranthene	19.304	202	4891972	44.981	ng	99
77) Benzidine	19.498	184	3379557	153.647	ng	99
78) Pyrene	19.662	202	4940214	54.319	ng	98
80) Butylbenzylphthalate	20.568	149	2255996	57.473	ng	95
81) Benzo(a)anthracene	21.415	228	4215148	46.660	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	1371860	62.541	ng	99
83) Chrysene	21.468	228	3884500	45.235	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	3155036	53.277	ng	99
85) Di-n-octyl phthalate	22.256	149	4659041	48.207	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.250	276	3772048	44.450	ng	99
88) Benzo(b)fluoranthene	23.074	252	3588322	50.719	ng	99
89) Benzo(k)fluoranthene	23.121	252	3352217	46.912	ng	99
90) Benzo(a)pyrene	23.686	252	2985824	50.300	ng	99
91) Dibenzo(a,h)anthracene	26.268	278	3297561	46.423	ng	98
92) Benzo(g,h,i)perylene	27.009	276	3281029	47.713	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

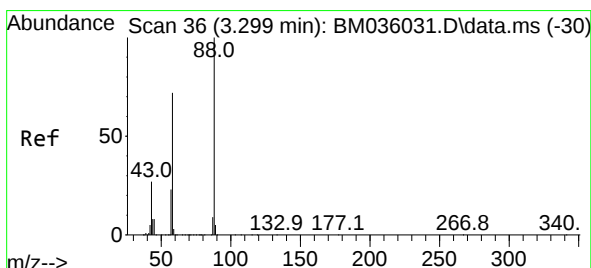
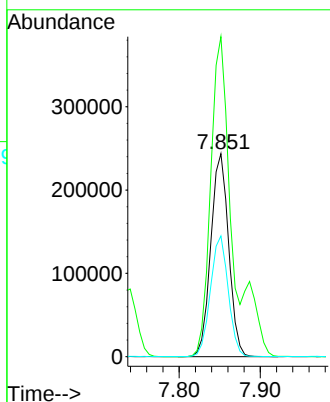
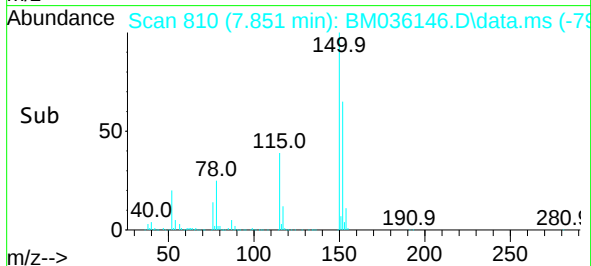
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion:152 Resp: 37172
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 59.5 47.9 71.9

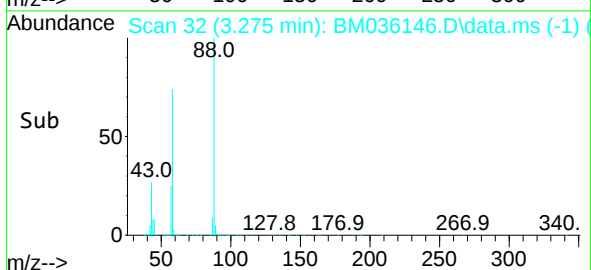
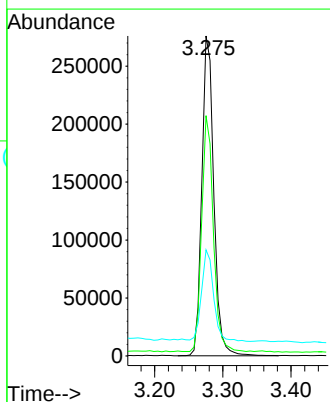
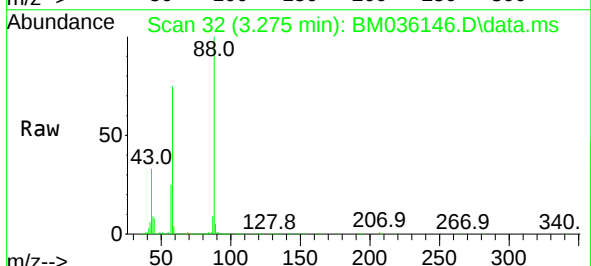
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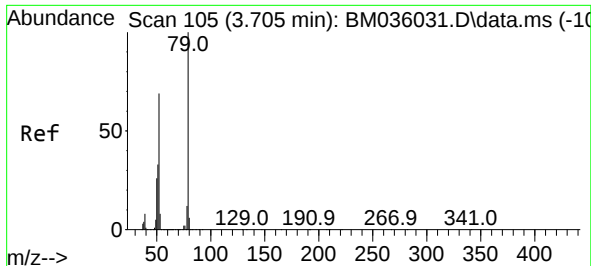
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#2
1,4-Dioxane
Concen: 36.483 ng
RT: 3.275 min Scan# 32
Delta R.T. -0.012 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

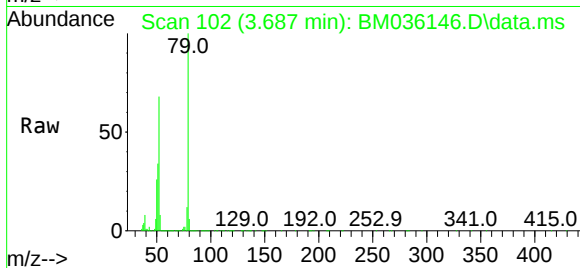
Tgt Ion: 88 Resp: 337066
Ion Ratio Lower Upper
88 100
58 71.8 62.3 93.5
43 28.8 28.7 43.1





#3
Pyridine
Concen: 38.552 ng
RT: 3.687 min Scan# 105
Delta R.T. -0.012 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

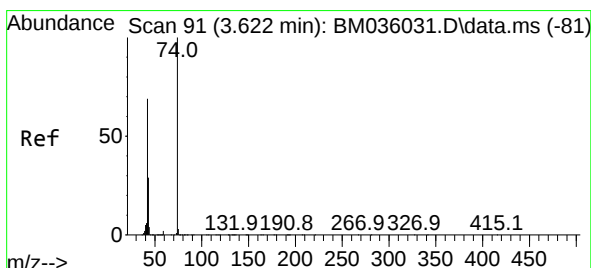
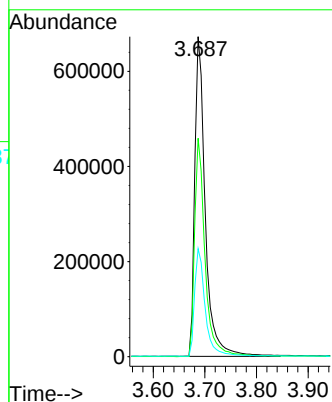
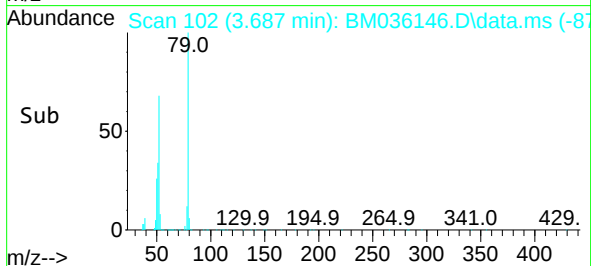
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion: 79 Resp: 95512
Ion Ratio Lower Upper
79 100
52 68.2 61.9 92.9
51 33.7 33.5 50.3

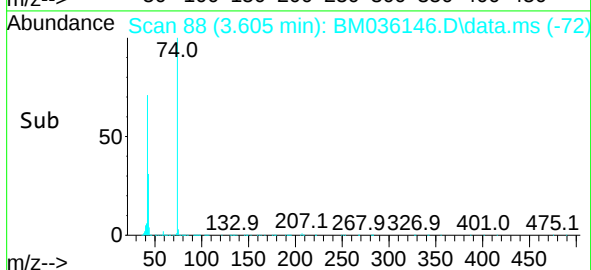
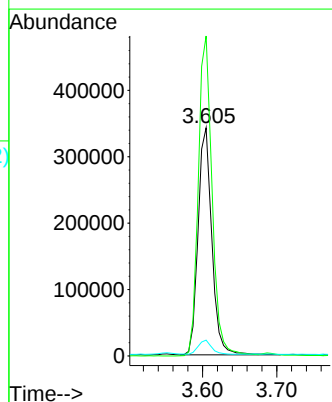
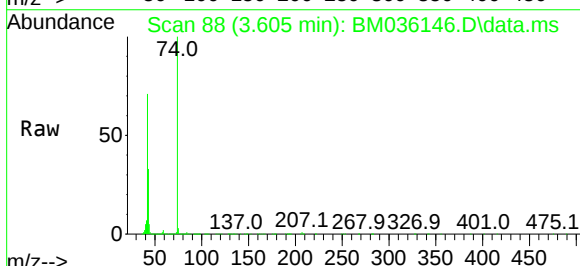
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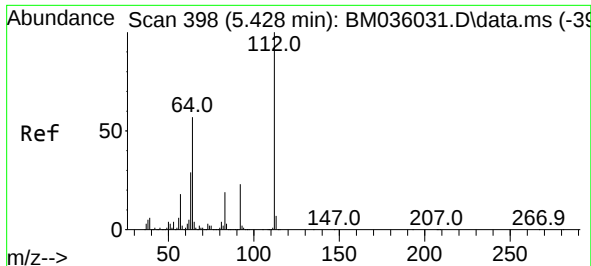
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#4
n-Nitrosodimethylamine
Concen: 43.140 ng
RT: 3.605 min Scan# 88
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

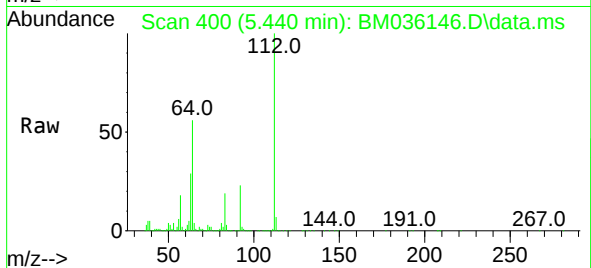
Tgt Ion: 42 Resp: 439194
Ion Ratio Lower Upper
42 100
74 140.2 81.6 122.4
44 6.9 5.2 7.8





#5
2-Fluorophenol
Concen: 114.953 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.018 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

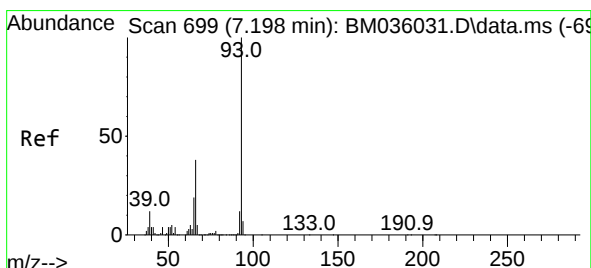
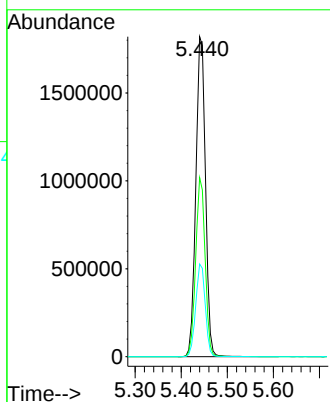
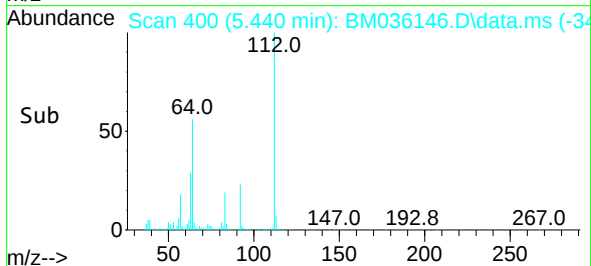
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Tgt Ion: 112 Resp: 263562
Ion Ratio Lower Upper
112 100
64 56.0 47.8 71.6
63 29.0 26.6 40.0

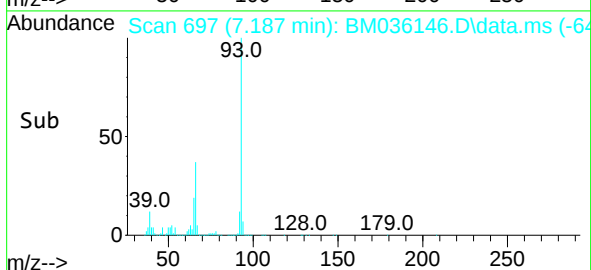
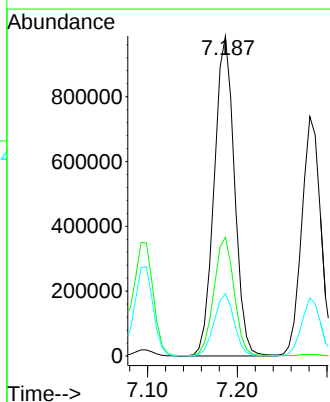
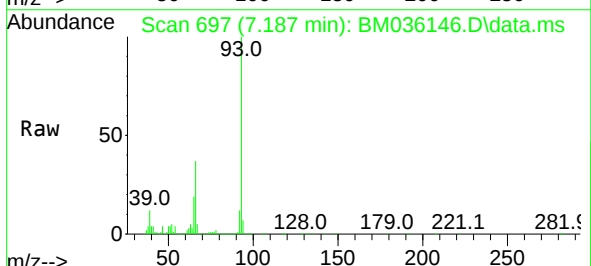
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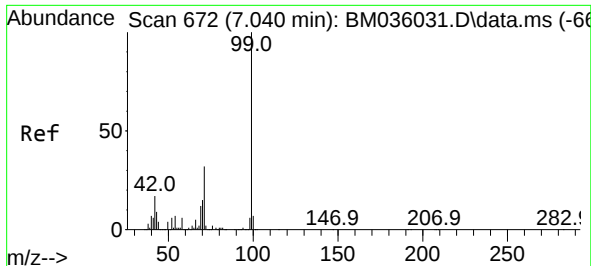
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#6
Aniline
Concen: 47.813 ng
RT: 7.187 min Scan# 697
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

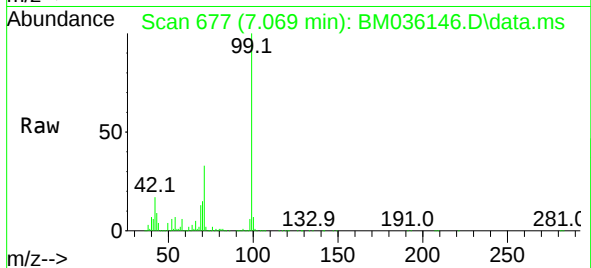
Tgt Ion: 93 Resp: 1544681
Ion Ratio Lower Upper
93 100
66 37.1 32.6 49.0
65 19.5 16.8 25.2





#7
Phenol-d6
Concen: 115.772 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

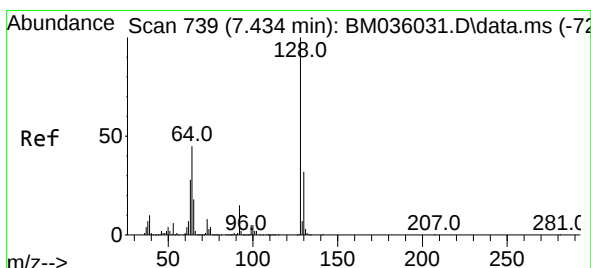
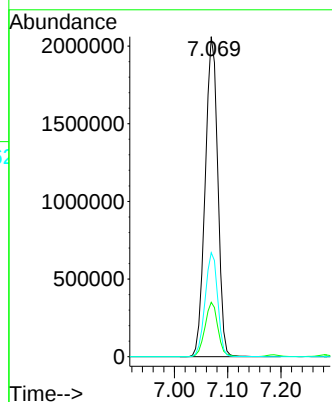
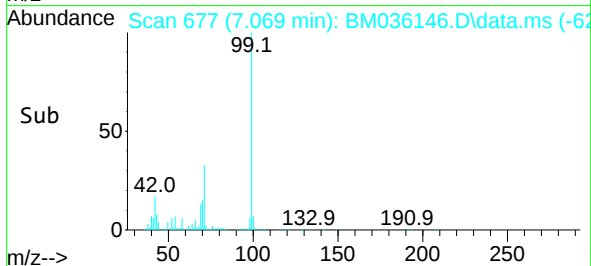
Instrument :
BNA_M
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Tgt Ion: 99 Resp: 337753
Ion Ratio Lower Upper
99 100
42 17.0 18.8 28.2
71 32.5 30.2 45.2

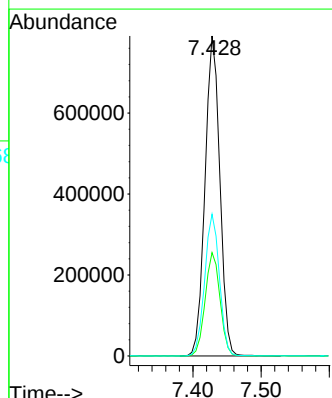
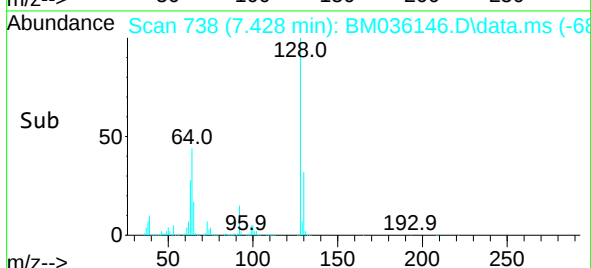
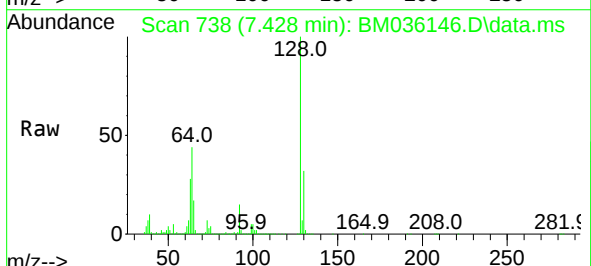
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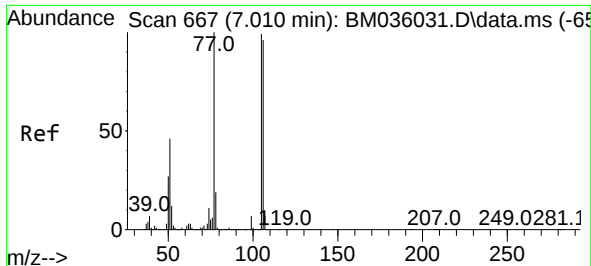
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#8
2-Chlorophenol
Concen: 48.957 ng
RT: 7.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

Tgt Ion:128 Resp: 1196805
Ion Ratio Lower Upper
128 100
130 32.3 10.9 50.9
64 44.3 28.2 68.2





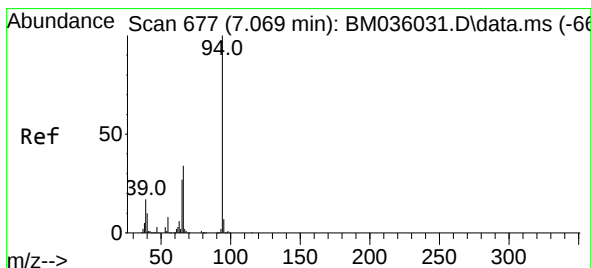
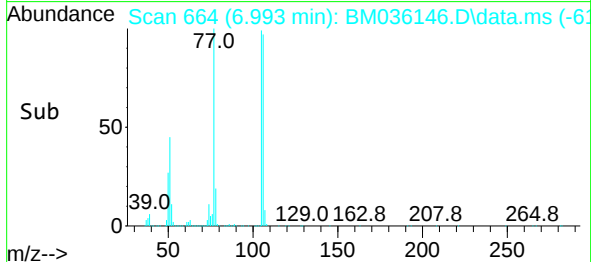
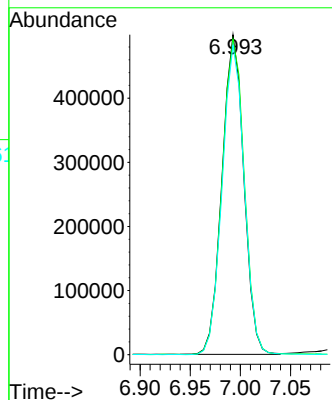
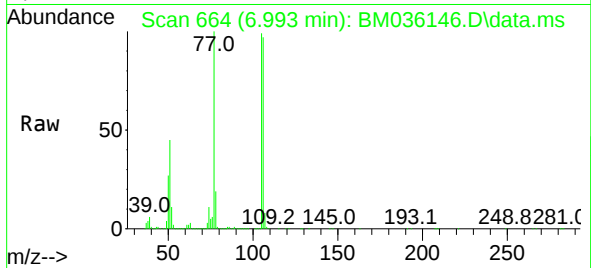
#9
Benzaldehyde
Concen: 48.730 ng
RT: 6.993 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

Instrument :
BNA_M
ClientSampleId :
P-5CMSD

Tgt Ion: 77 Resp: 752639
Ion Ratio Lower Upper
77 100
105 98.6 76.3 116.3
106 96.6 69.0 109.0

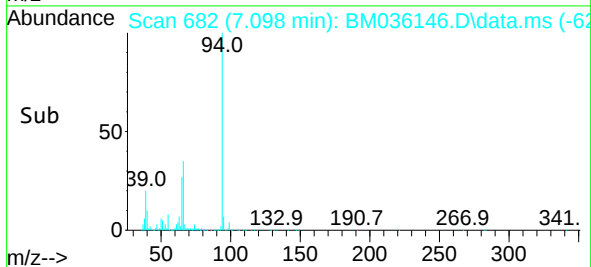
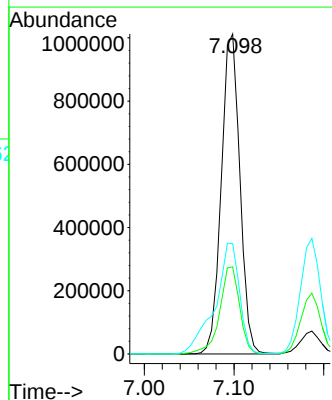
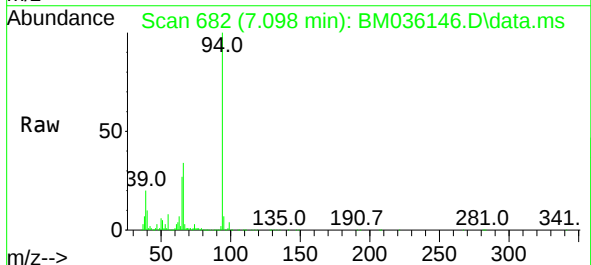
Manual Integrations
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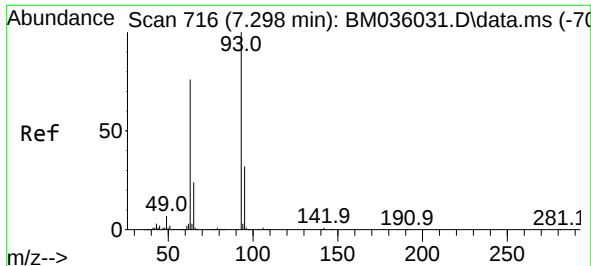
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#10
Phenol
Concen: 49.628 ng
RT: 7.098 min Scan# 682
Delta R.T. 0.041 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

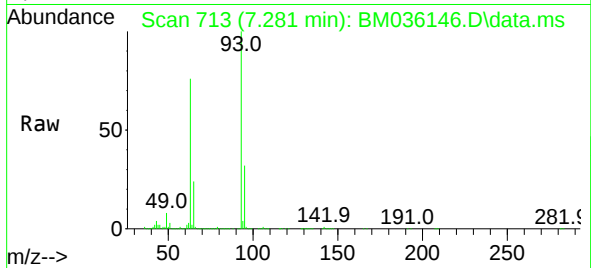
Tgt Ion: 94 Resp: 1457843
Ion Ratio Lower Upper
94 100
65 27.2 11.4 51.4
66 34.5 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 44.937 ng
RT: 7.281 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

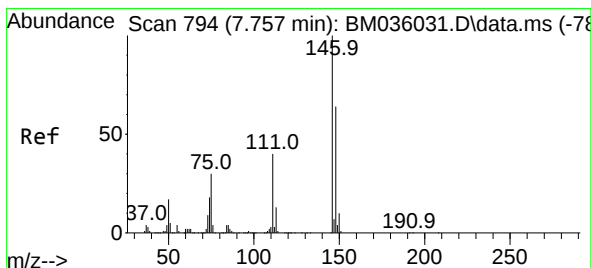
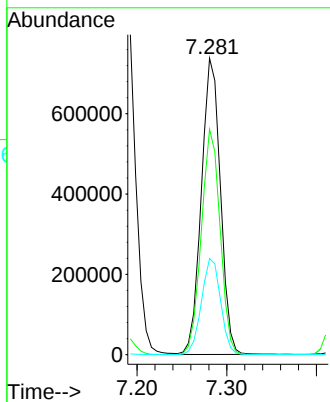
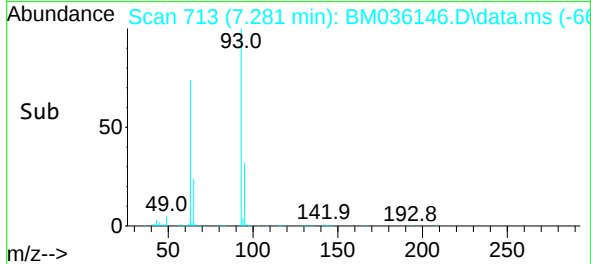
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion: 93 Resp: 108741
Ion Ratio Lower Upper
93 100
63 76.0 60.6 100.6
95 32.4 13.2 53.2

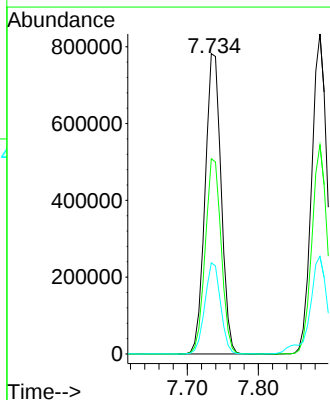
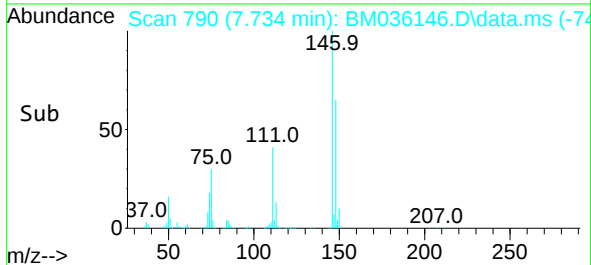
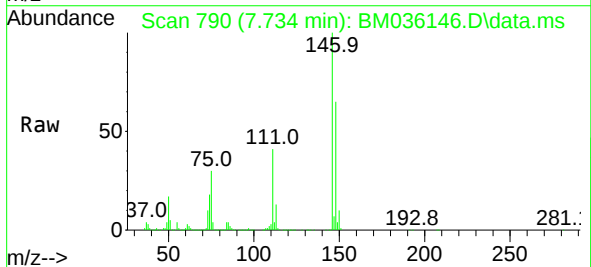
Manual Integrations
APPROVED

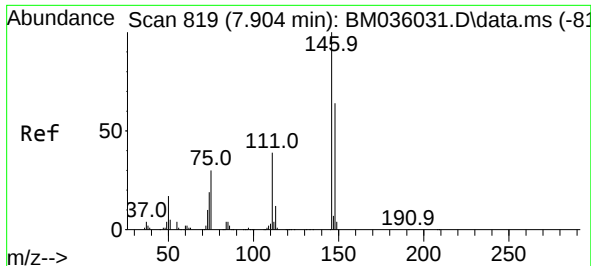
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#12
1,3-Dichlorobenzene
Concen: 45.392 ng
RT: 7.734 min Scan# 790
Delta R.T. -0.012 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

Tgt Ion:146 Resp: 1229630
Ion Ratio Lower Upper
146 100
148 65.0 50.7 76.1
75 30.4 26.1 39.1





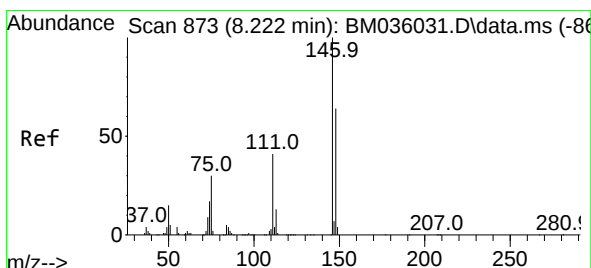
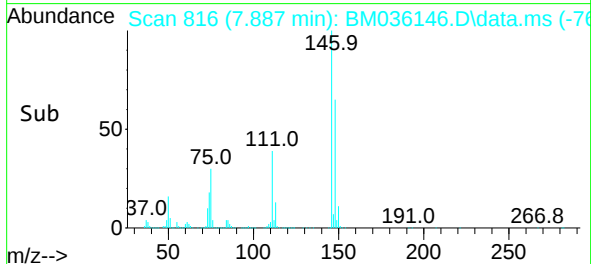
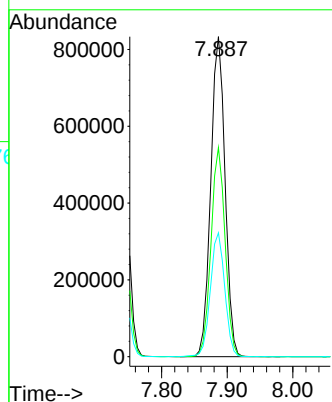
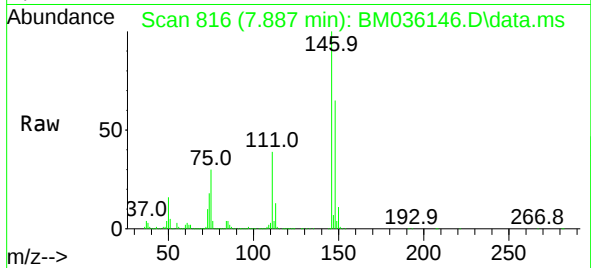
#13
1,4-Dichlorobenzene
Concen: 45.728 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

Instrument :
BNA_M
ClientSampleId :
P-5CMSD

Tgt Ion:146 Resp: 126328
Ion Ratio Lower Upper
146 100
148 65.3 51.5 77.3
111 38.7 32.5 48.7

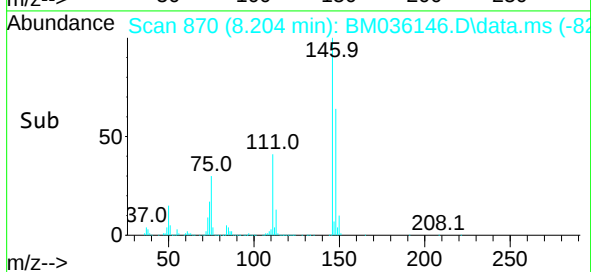
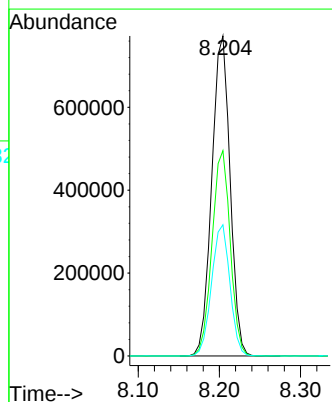
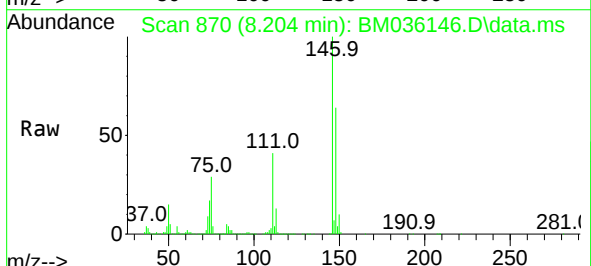
Manual Integrations
APPROVED

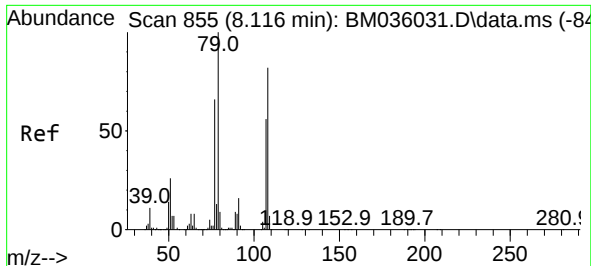
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#14
1,2-Dichlorobenzene
Concen: 45.378 ng
RT: 8.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

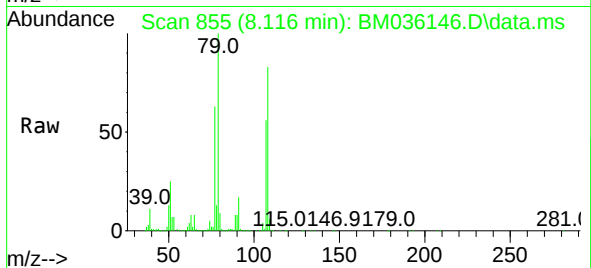
Tgt Ion:146 Resp: 1209572
Ion Ratio Lower Upper
146 100
148 64.2 50.7 76.1
111 41.0 33.9 50.9





#15
Benzyl Alcohol
Concen: 49.959 ng m
RT: 8.116 min Scan# 81
Delta R.T. 0.012 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

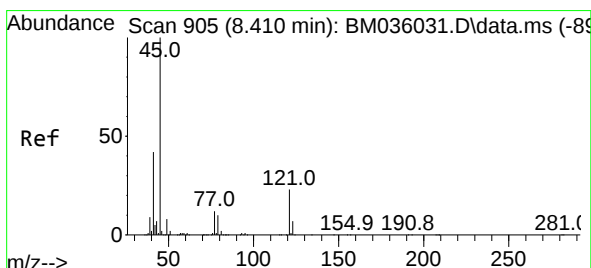
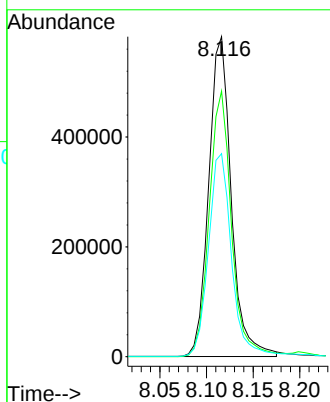
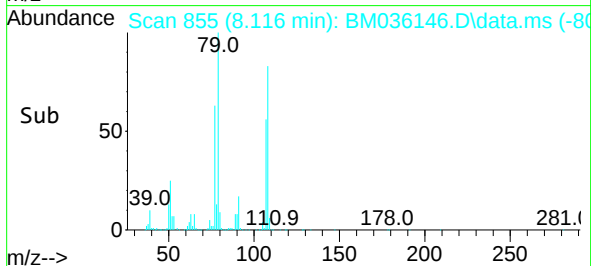
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



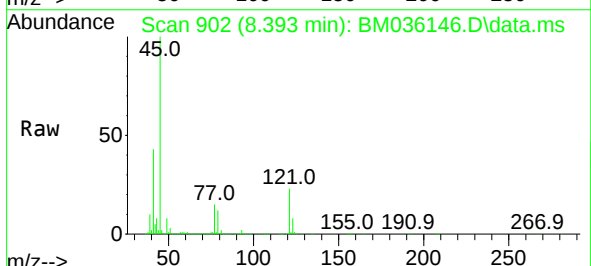
Tgt Ion: 79 Resp: 978060
Ion Ratio Lower Upper
79 100
108 83.0 59.0 88.4
77 63.5 52.2 78.4

Manual Integrations
APPROVED

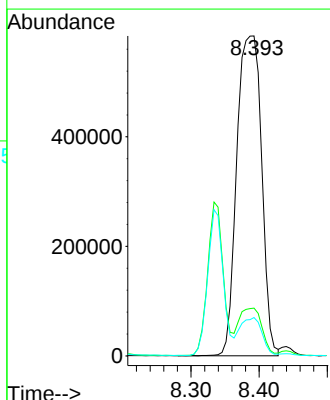
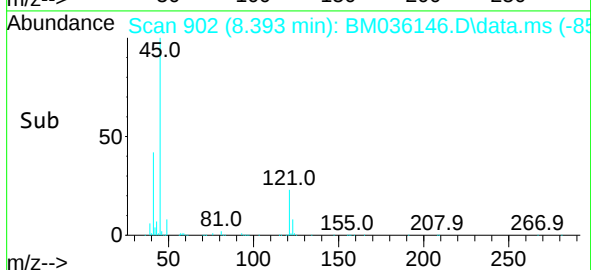
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

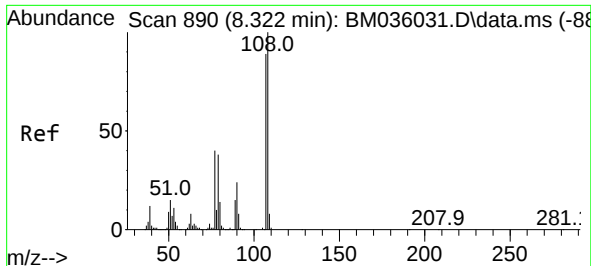


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.592 ng
RT: 8.393 min Scan# 902
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



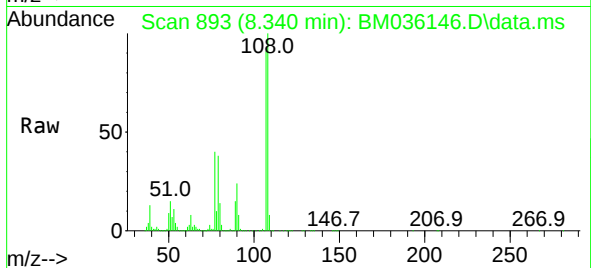
Tgt Ion: 45 Resp: 1467031
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.1
79 12.0 0.0 30.5





#17
2-Methylphenol
Concen: 50.289 ng
RT: 8.340 min Scan# 890
Delta R.T. 0.030 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

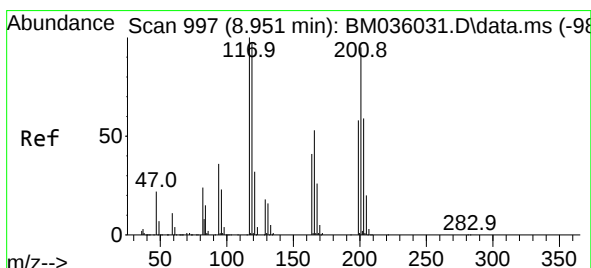
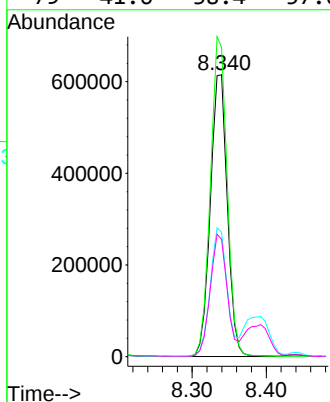
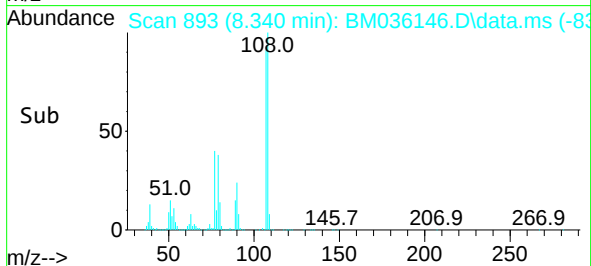
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion:107 Resp: 97788
Ion Ratio Lower Upper
107 100
108 109.7 88.7 133.1
77 44.2 40.6 60.8
79 41.6 38.4 57.6

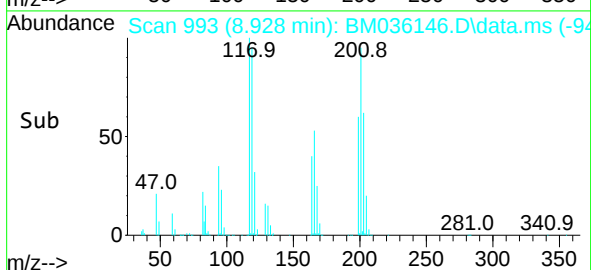
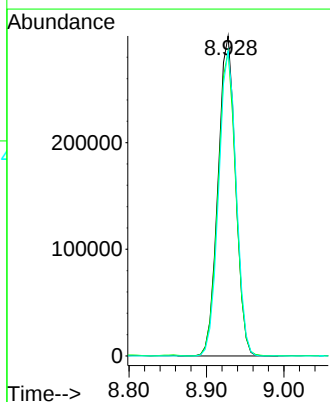
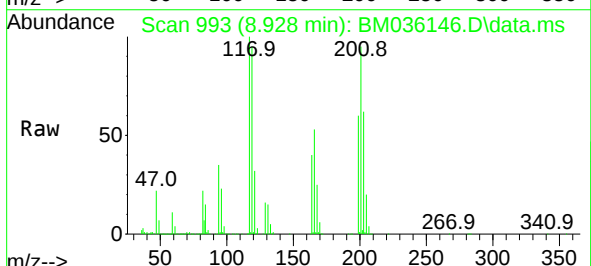
Manual Integrations
APPROVED

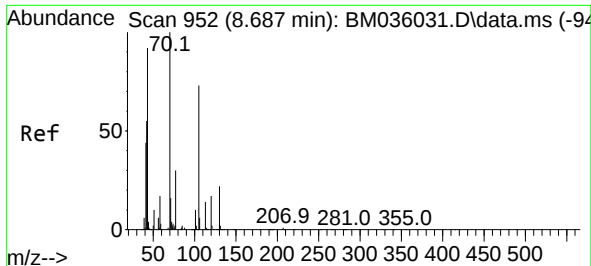
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#18
Hexachloroethane
Concen: 47.405 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

Tgt Ion:117 Resp: 471431
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.6
201 95.3 81.0 121.4





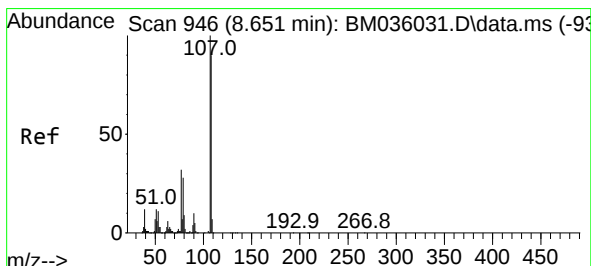
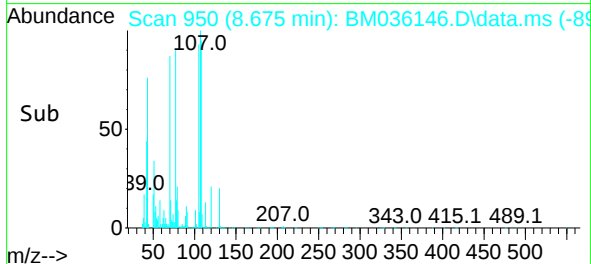
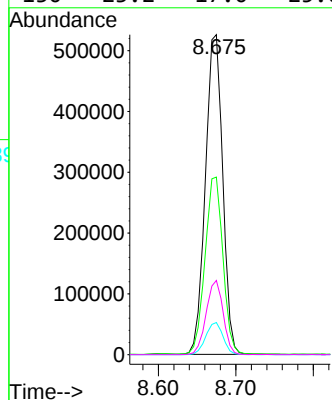
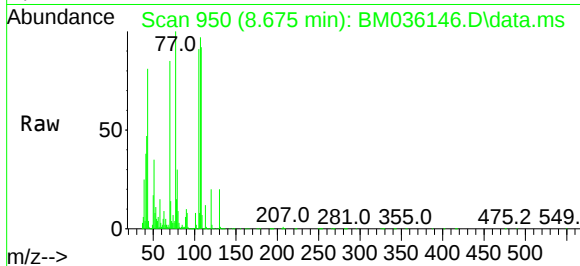
#19
n-Nitroso-di-n-propylamine
Concen: 46.127 ng
RT: 8.675 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

Instrument :
BNA_M
ClientSampleId :
P-5CMSD

Tgt Ion: 70 Resp: 81740
Ion Ratio Lower Upper
70 100
42 55.5 55.4 83.2
101 10.0 7.8 11.6
130 23.2 17.0 25.6

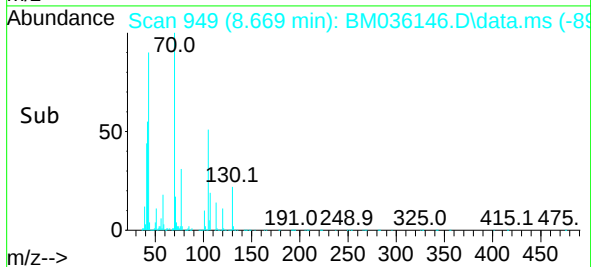
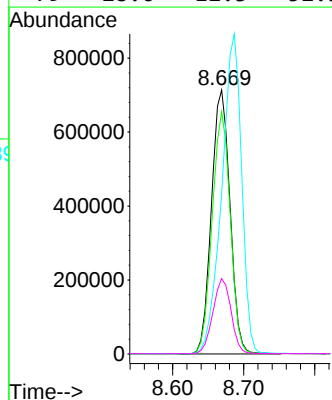
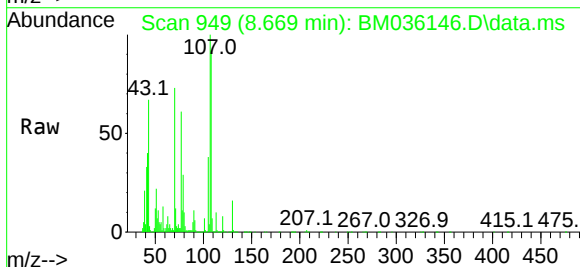
Manual Integrations
APPROVED

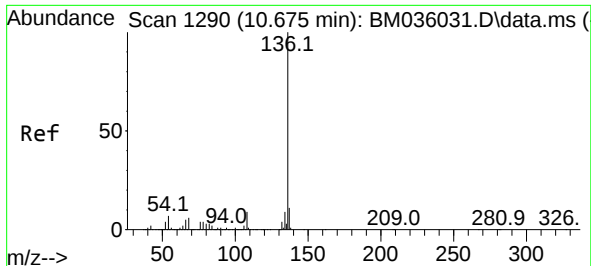
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#20
3+4-Methylphenols
Concen: 48.918 ng
RT: 8.669 min Scan# 949
Delta R.T. 0.030 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

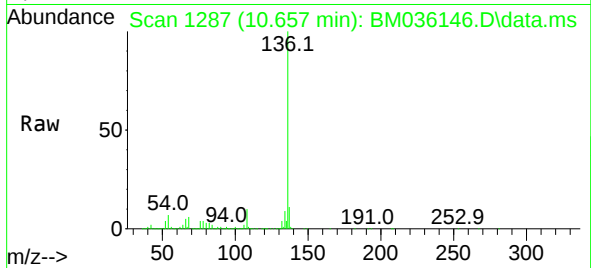
Tgt Ion:107 Resp: 1292346
Ion Ratio Lower Upper
107 100
108 91.7 69.3 109.3
77 60.8 15.8 55.8#
79 28.6 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

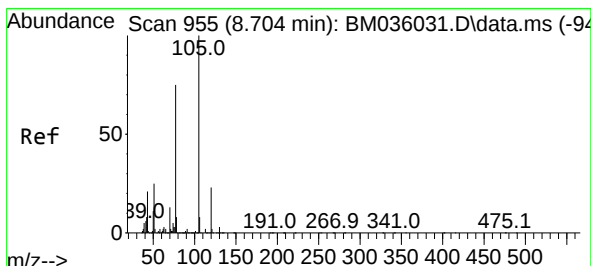
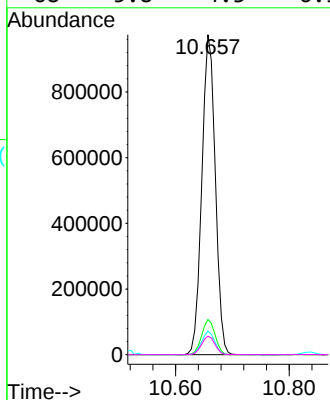
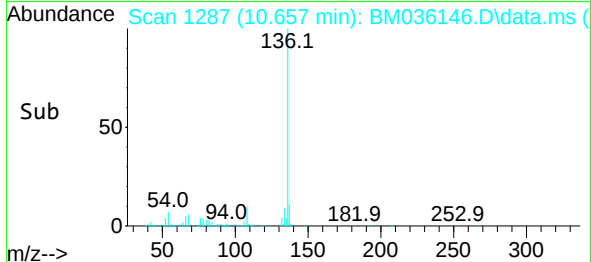
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion:136 Resp: 1593799
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 7.0 10.4
68 5.8 4.3 6.5

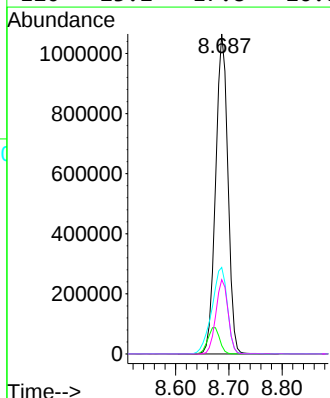
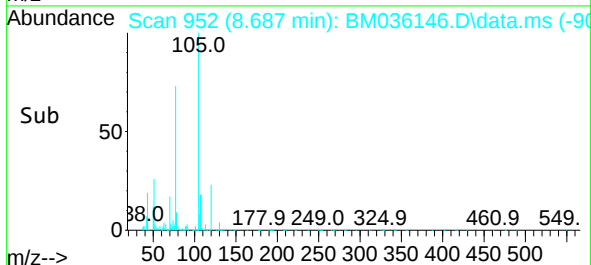
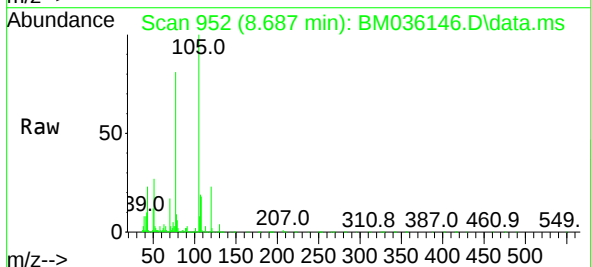
Manual Integrations
APPROVED

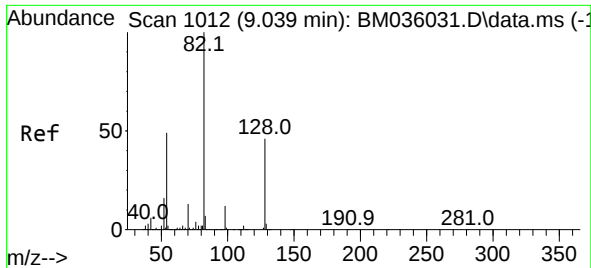
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#22
Acetophenone
Concen: 45.008 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

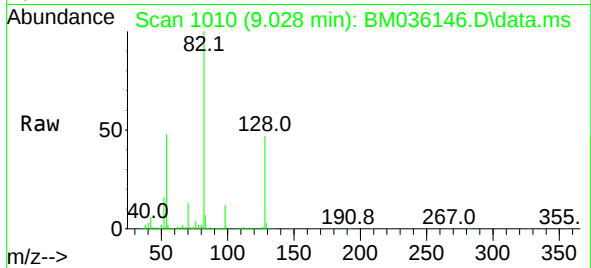
Tgt Ion:105 Resp: 1698063
Ion Ratio Lower Upper
105 100
71 2.6 5.0 7.4#
51 27.1 25.6 38.4
120 23.2 17.8 26.8





#23
Nitrobenzene-d5
Concen: 70.626 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

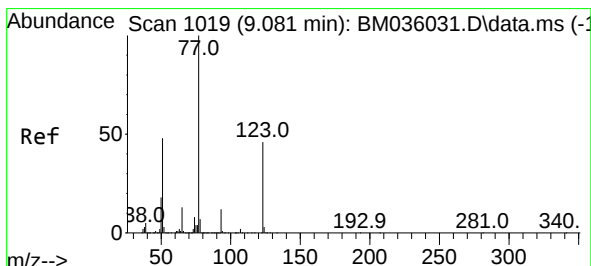
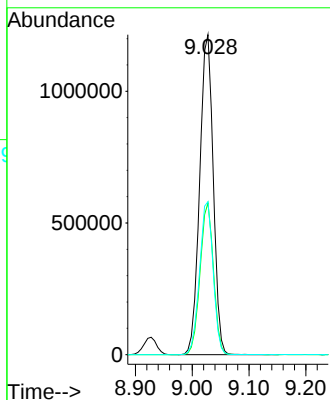
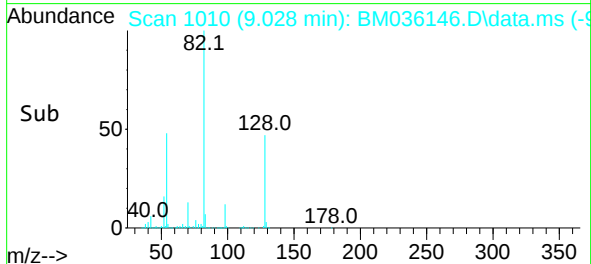
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion: 82 Resp: 201090
Ion Ratio Lower Upper
82 100
128 47.4 33.7 50.5
54 47.8 43.2 64.8

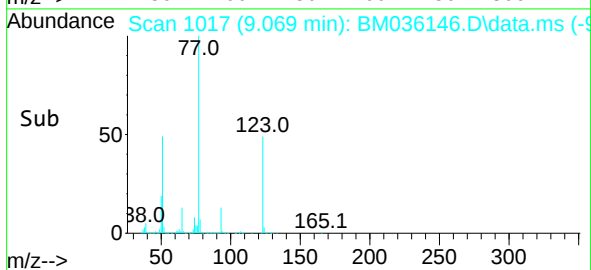
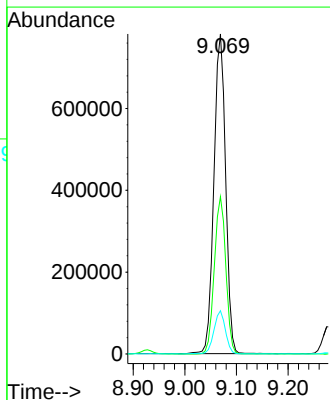
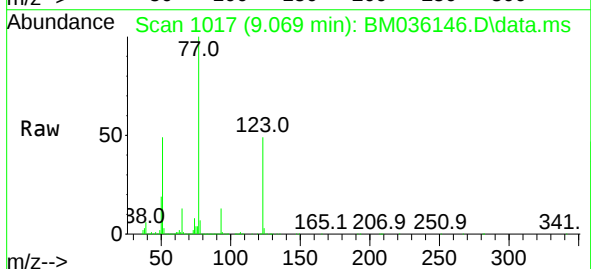
Manual Integrations
APPROVED

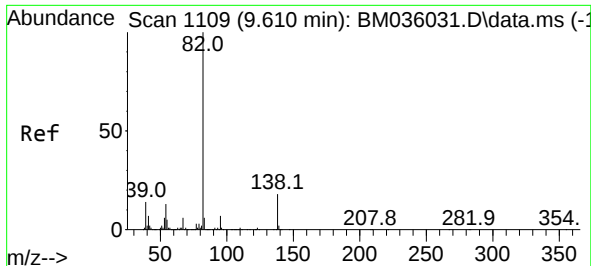
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#24
Nitrobenzene
Concen: 45.890 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

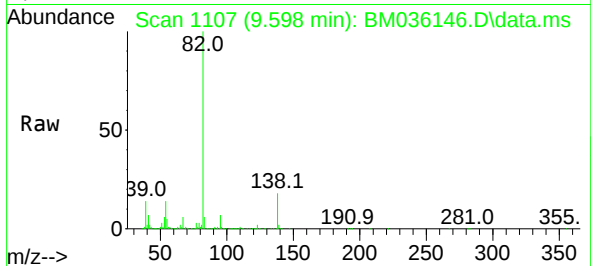
Tgt Ion: 77 Resp: 1228319
Ion Ratio Lower Upper
77 100
123 49.2 36.2 54.4
65 13.5 11.4 17.0





#25
Isophorone
Concen: 50.379 ng
RT: 9.598 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

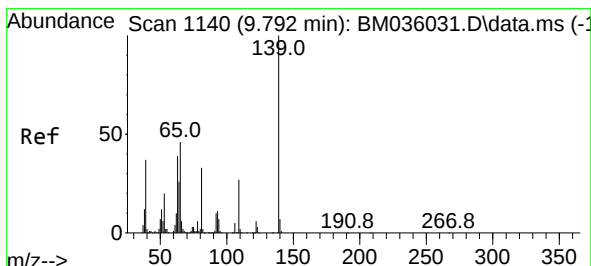
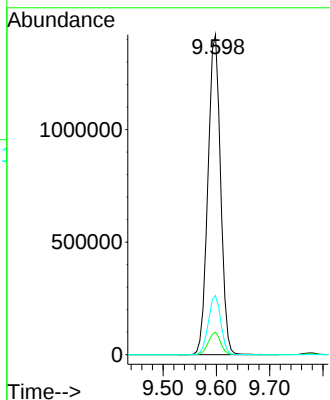
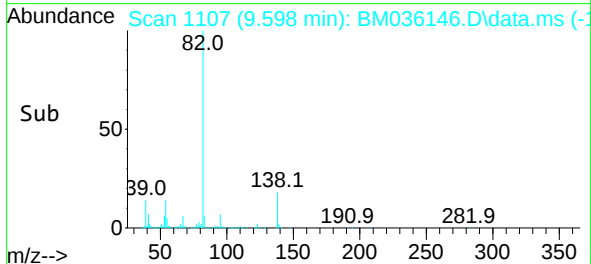
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion: 82 Resp: 233348
Ion Ratio Lower Upper
82 100
95 7.0 6.4 9.6
138 18.5 14.2 21.4

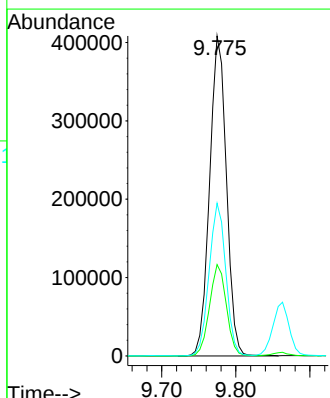
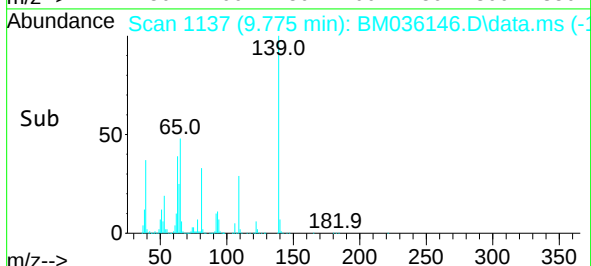
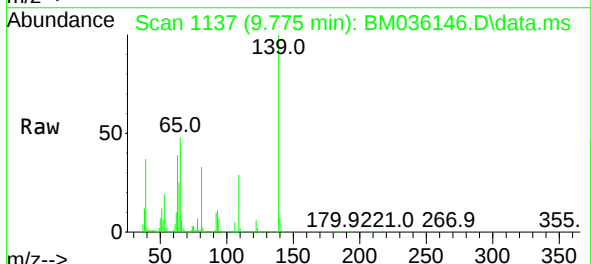
Manual Integrations
APPROVED

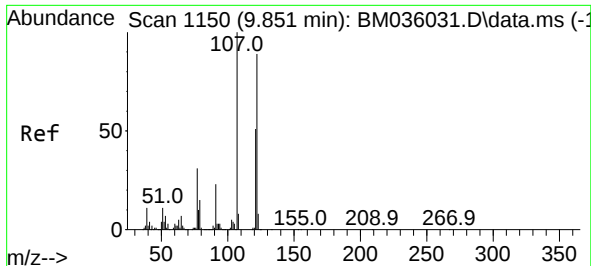
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#26
2-Nitrophenol
Concen: 50.934 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

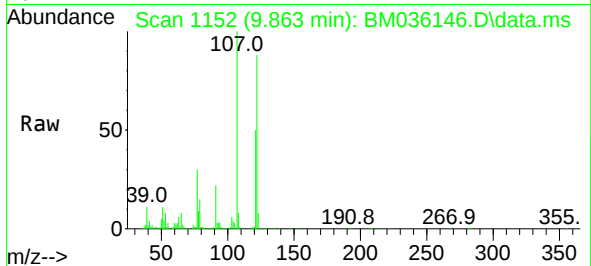
Tgt Ion:139 Resp: 643037
Ion Ratio Lower Upper
139 100
109 28.6 25.6 38.4
65 47.7 43.2 64.8





#27
2,4-Dimethylphenol
Concen: 55.845 ng
RT: 9.863 min Scan# 1152
Delta R.T. 0.018 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

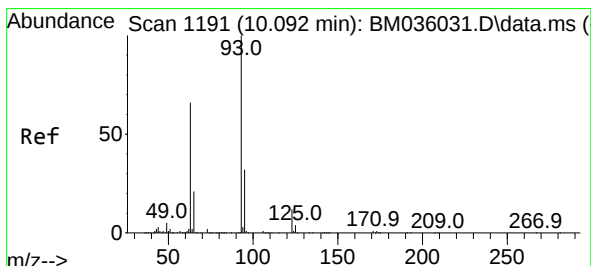
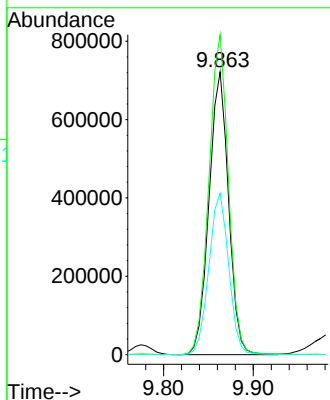
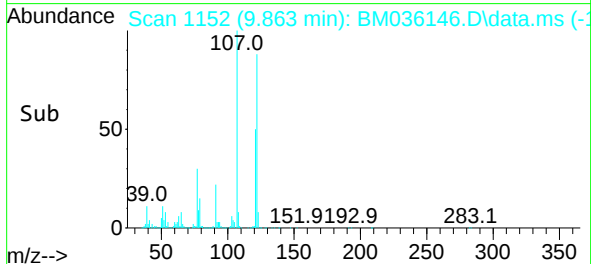
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



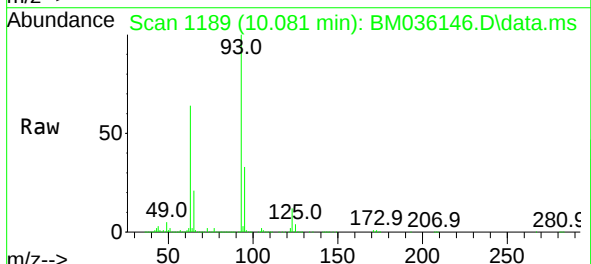
Tgt Ion:122 Resp: 109216
Ion Ratio Lower Upper
122 100
107 113.1 92.4 138.6
121 57.1 47.4 71.0

Manual Integrations
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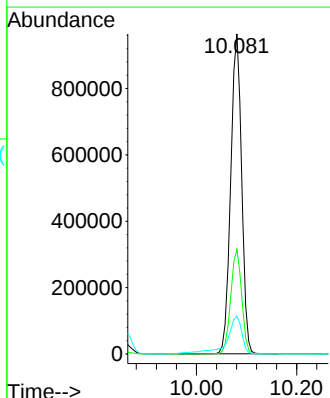
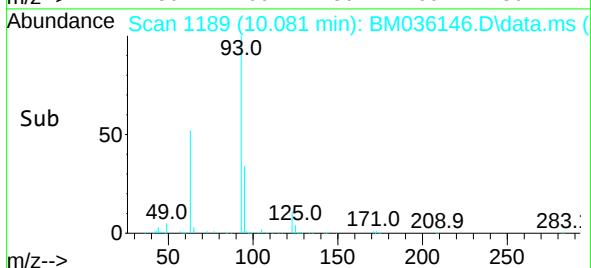
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

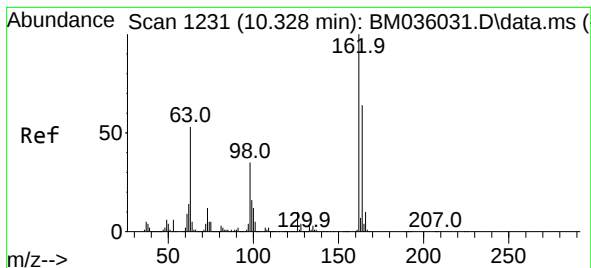


#28
bis(2-Chloroethoxy)methane
Concen: 44.160 ng
RT: 10.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



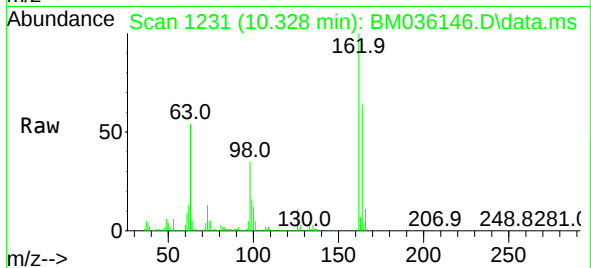
Tgt Ion: 93 Resp: 1457276
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.8 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 49.505 ng
RT: 10.328 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

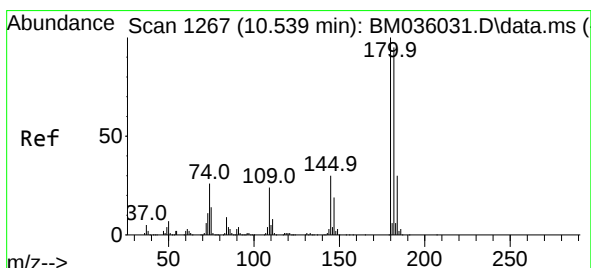
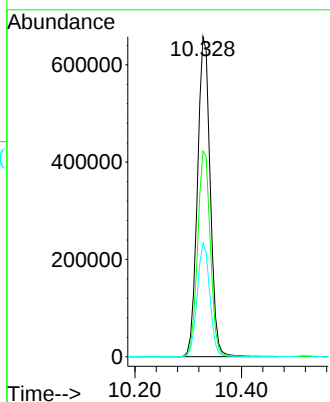
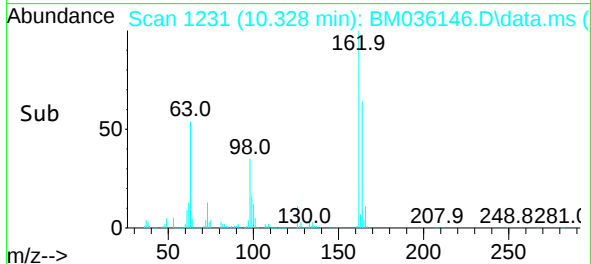
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion:162 Resp: 1088777
Ion Ratio Lower Upper
162 100
164 64.2 44.2 84.2
98 35.4 15.0 55.0

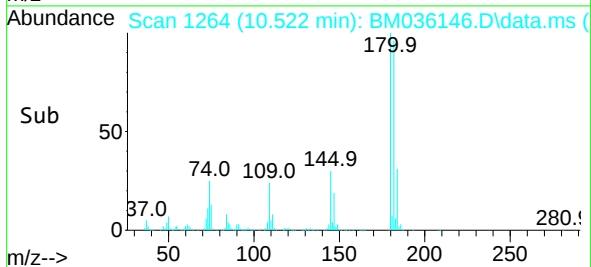
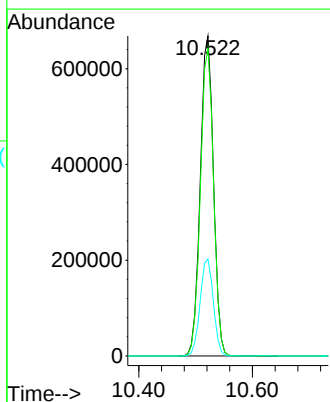
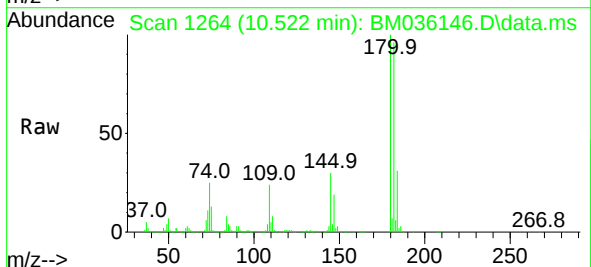
Manual Integrations
APPROVED

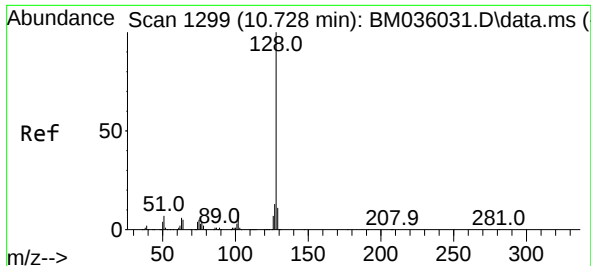
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#30
1,2,4-Trichlorobenzene
Concen: 43.195 ng
RT: 10.522 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

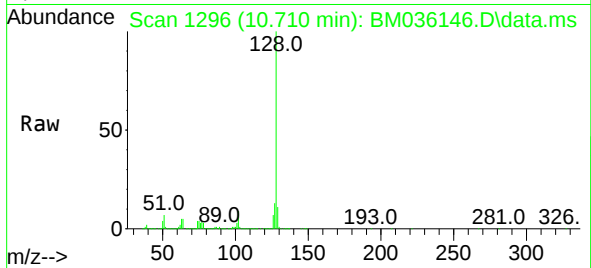
Tgt Ion:180 Resp: 1076577
Ion Ratio Lower Upper
180 100
182 95.9 77.9 116.9
145 30.3 25.0 37.6





#31
Naphthalene
Concen: 44.794 ng
RT: 10.710 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

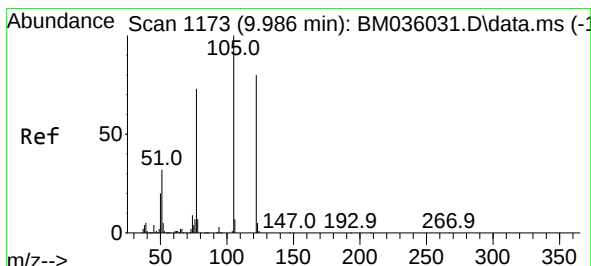
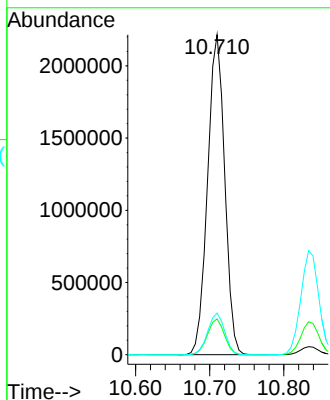
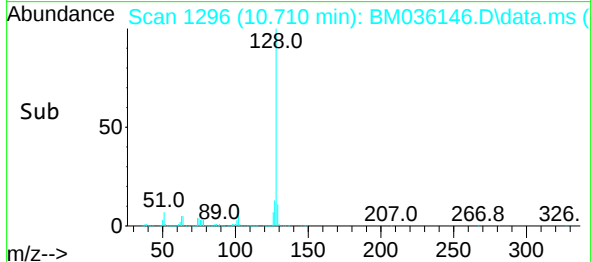
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion:128 Resp: 3549450
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.6 16.0

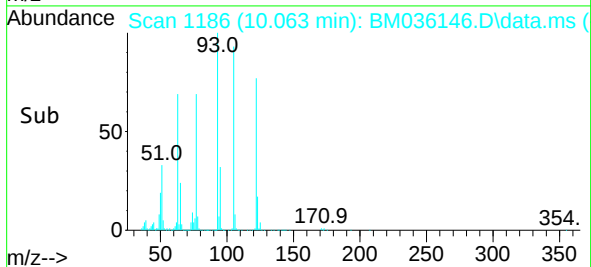
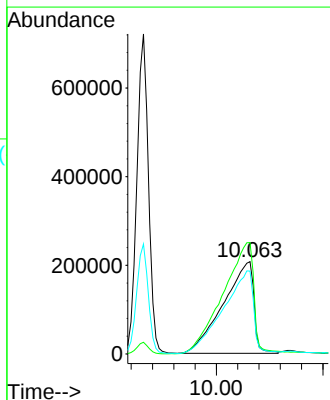
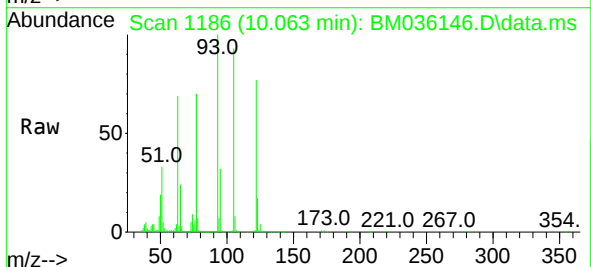
Manual Integrations
APPROVED

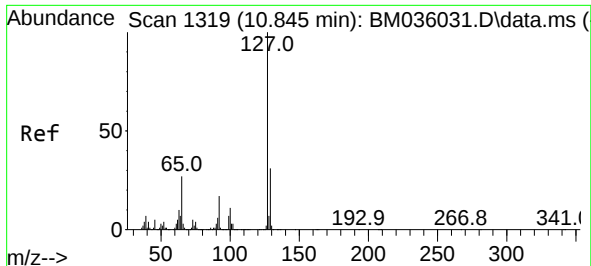
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#32
Benzoic acid
Concen: 53.084 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.071 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

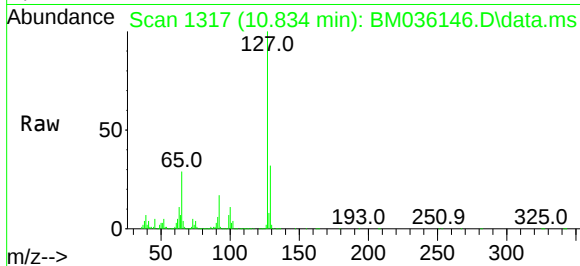
Tgt Ion:122 Resp: 822940
Ion Ratio Lower Upper
122 100
105 120.7 105.7 145.7
77 89.9 80.0 120.0





#33
4-Chloroaniline
Concen: 38.459 ng
RT: 10.834 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

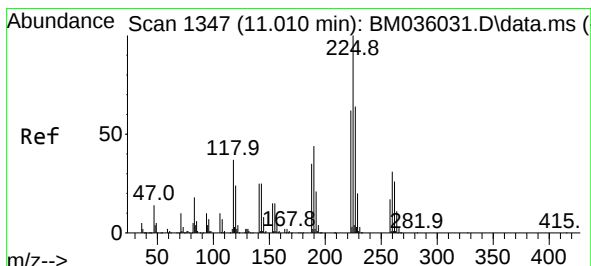
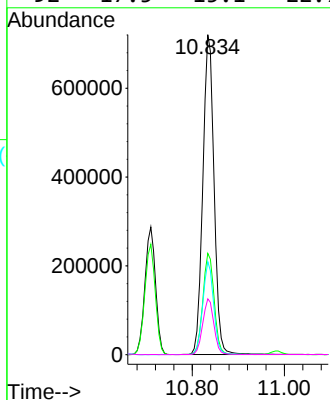
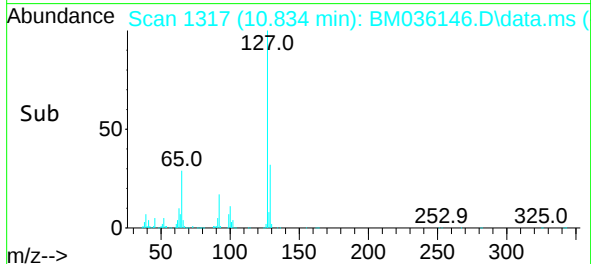
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion:127 Resp: 1228184
Ion Ratio Lower Upper
127 100
129 31.6 25.7 38.5
65 29.1 26.6 40.0
92 17.5 15.1 22.7

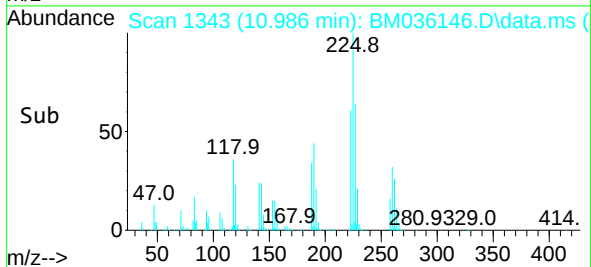
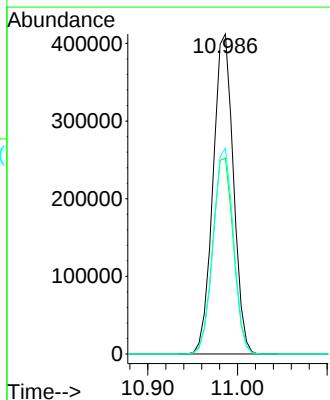
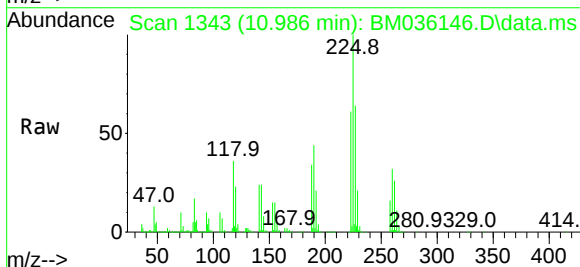
Manual Integrations
APPROVED

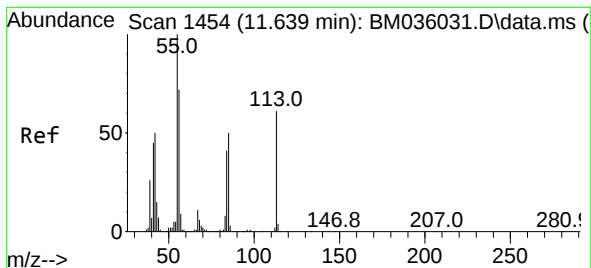
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#34
Hexachlorobutadiene
Concen: 44.273 ng
RT: 10.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

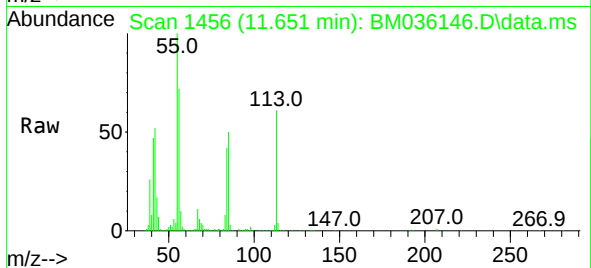
Tgt Ion:225 Resp: 648403
Ion Ratio Lower Upper
225 100
223 61.1 50.8 76.2
227 64.3 52.7 79.1





#35
Caprolactam
Concen: 51.397 ng
RT: 11.651 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

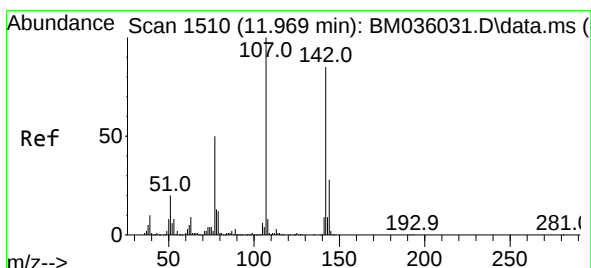
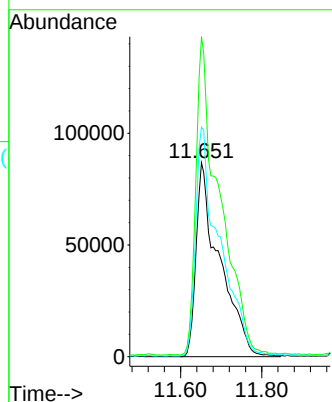
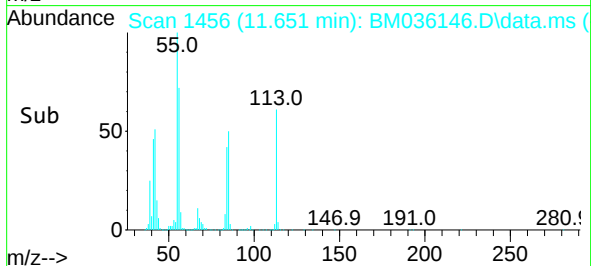
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



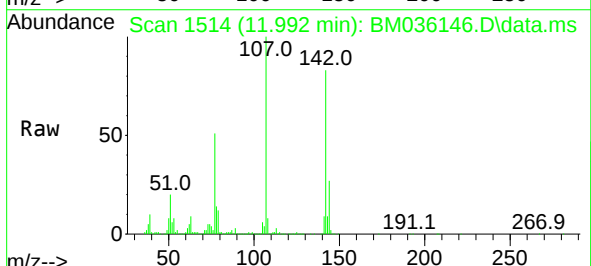
Tgt Ion:113 Resp: 348179
Ion Ratio Lower Upper
113 100
55 165.0 150.1 190.1
56 118.4 111.7 151.7

Manual Integrations
APPROVED

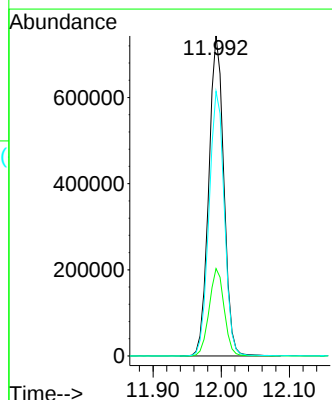
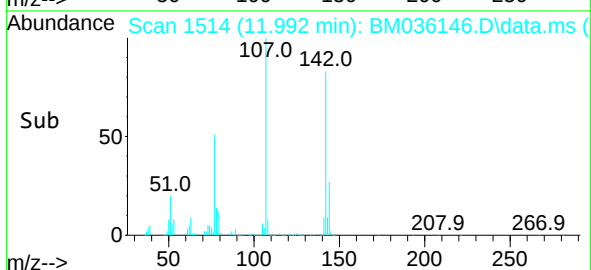
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

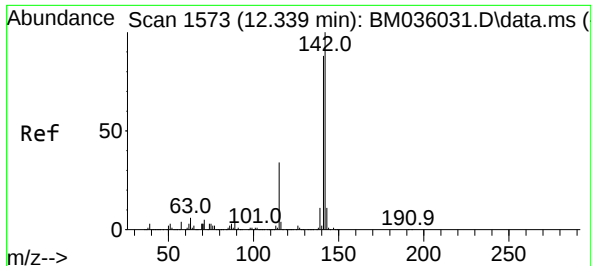


#36
4-Chloro-3-methylphenol
Concen: 49.504 ng
RT: 11.992 min Scan# 1514
Delta R.T. 0.035 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



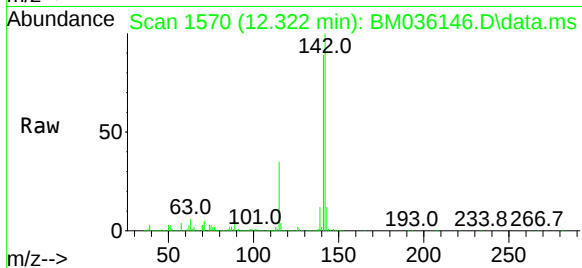
Tgt Ion:107 Resp: 1144382
Ion Ratio Lower Upper
107 100
144 27.3 21.4 32.0
142 82.7 66.7 100.1





#37
2-Methylnaphthalene
Concen: 46.234 ng
RT: 12.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

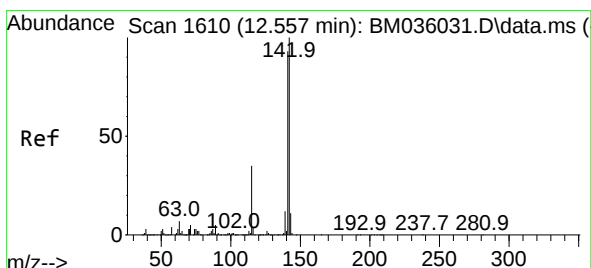
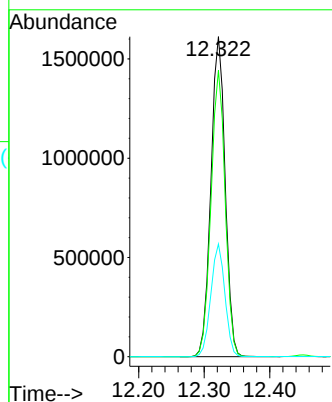
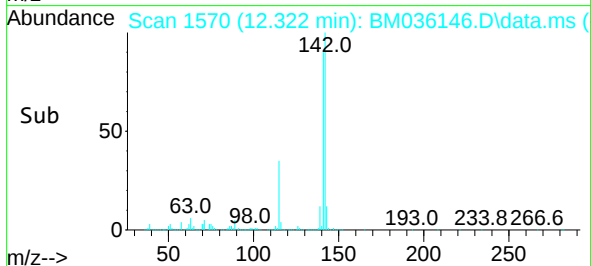
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



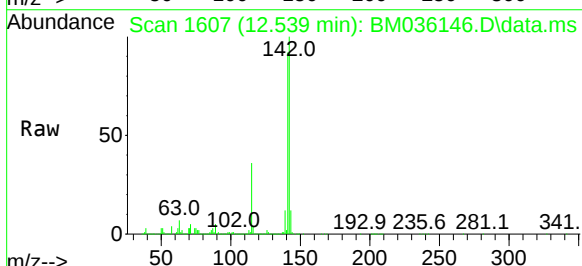
Tgt Ion:142 Resp: 243794
Ion Ratio Lower Upper
142 100
141 89.5 72.4 108.6
115 35.2 29.6 44.4

Manual Integrations
APPROVED

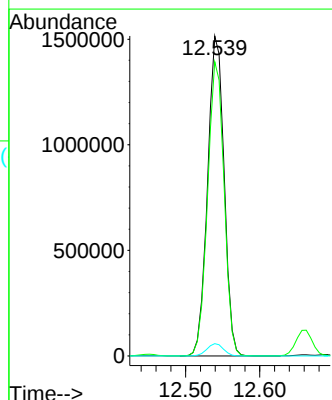
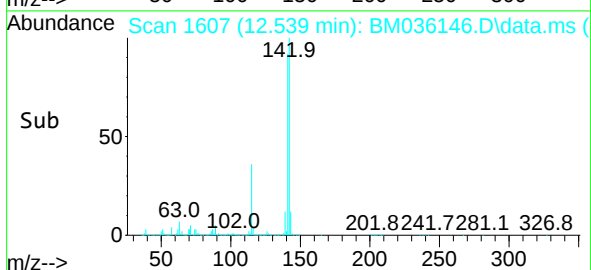
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

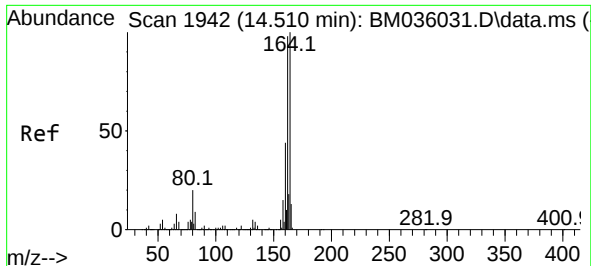


#38
1-Methylnaphthalene
Concen: 45.309 ng
RT: 12.539 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



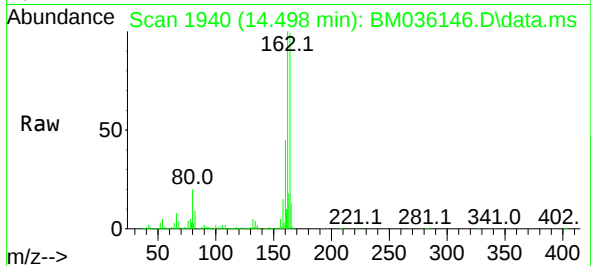
Tgt Ion:142 Resp: 2339686
Ion Ratio Lower Upper
142 100
141 92.0 75.0 112.4
116 3.9 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

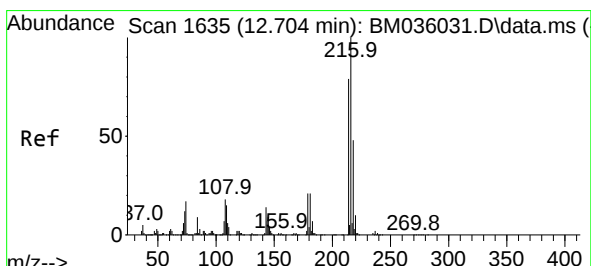
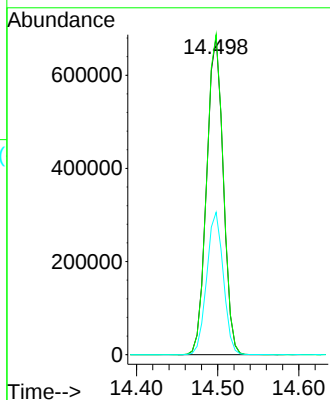
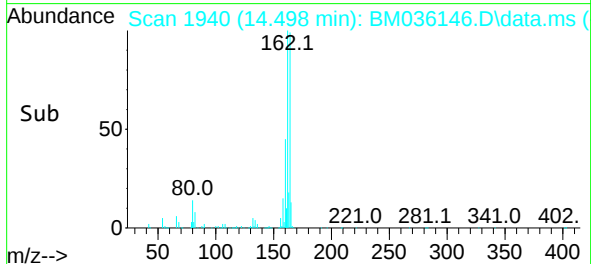
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion:164 Resp: 968309
Ion Ratio Lower Upper
164 100
162 100.7 83.0 124.6
160 44.8 37.0 55.4

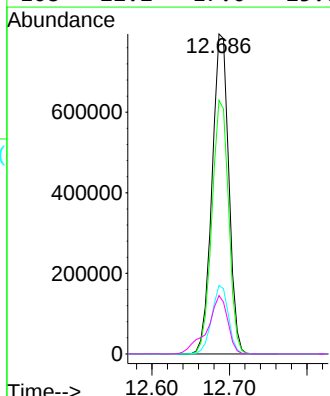
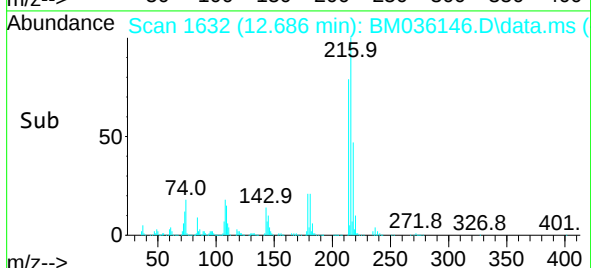
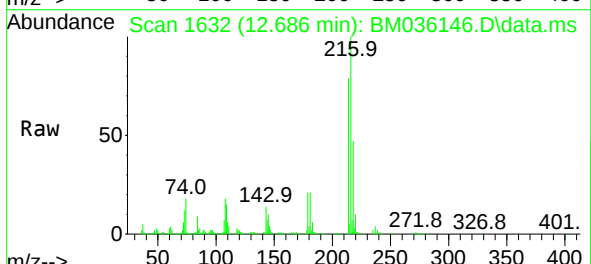
Manual Integrations
APPROVED

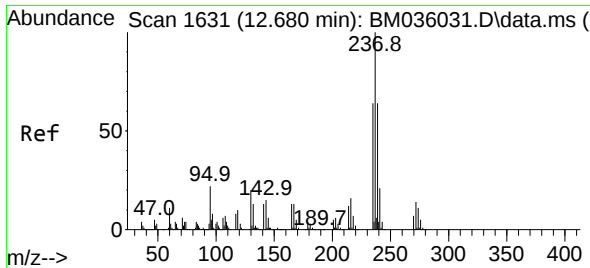
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.361 ng
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

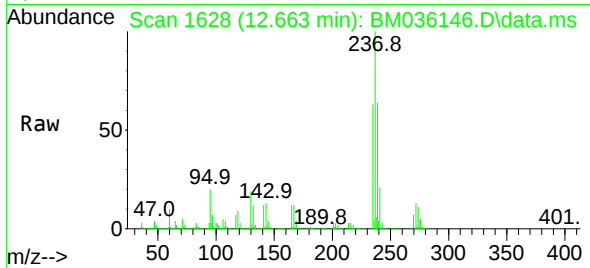
Tgt Ion:216 Resp: 1190823
Ion Ratio Lower Upper
216 100
214 79.2 62.6 94.0
179 21.3 18.2 27.2
108 22.2 17.0 25.6





#41
Hexachlorocyclopentadiene
Concen: 107.143 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

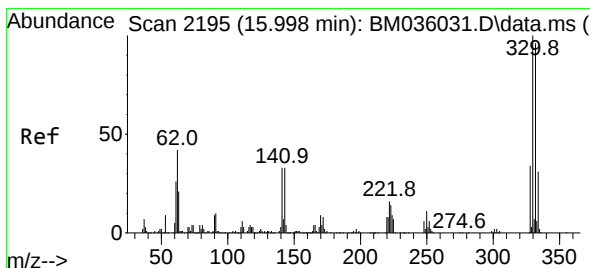
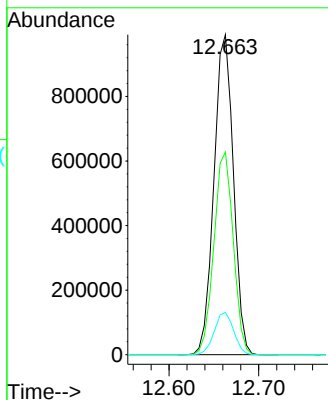
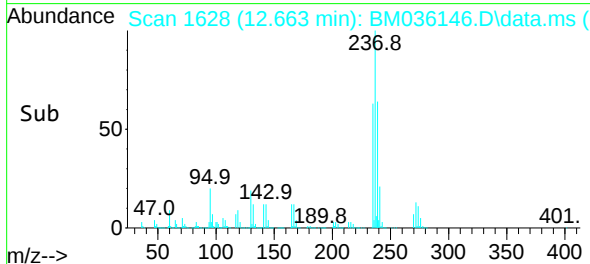
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



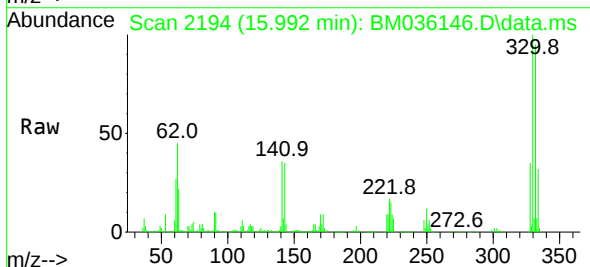
Tgt Ion:237 Resp: 148969
Ion Ratio Lower Upper
237 100
235 63.4 43.8 83.8
272 13.3 0.0 32.5

Manual Integrations
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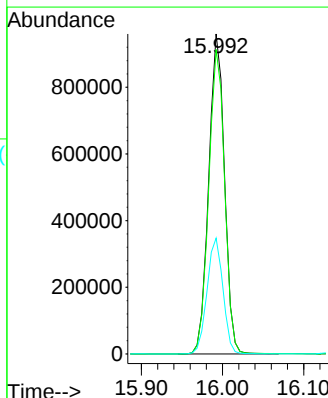
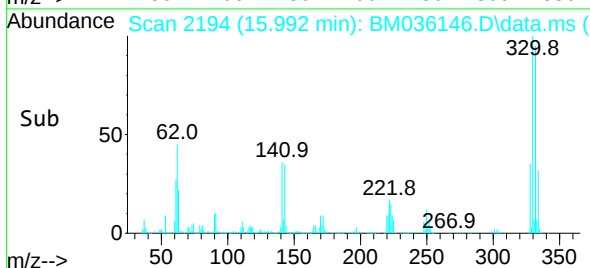
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

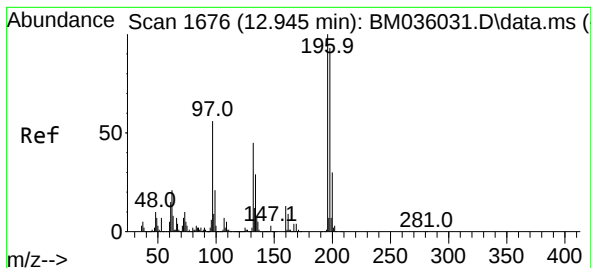


#42
2,4,6-Tribromophenol
Concen: 113.800 ng
RT: 15.992 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



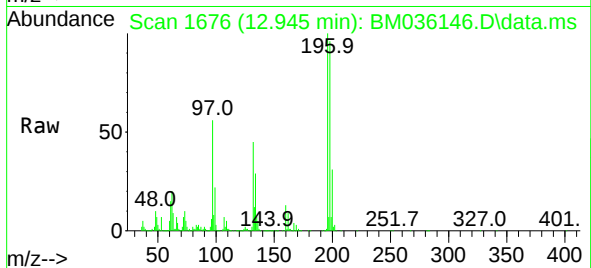
Tgt Ion:330 Resp: 1292711
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 36.6 35.3 52.9





#43
2,4,6-Trichlorophenol
Concen: 47.223 ng
RT: 12.945 min Scan# 1676
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

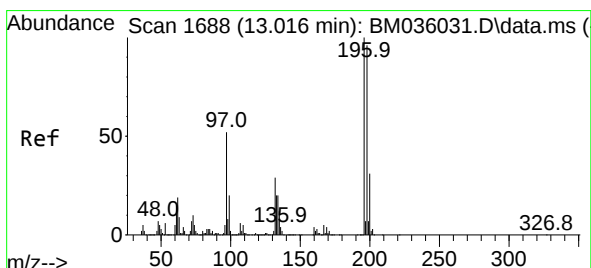
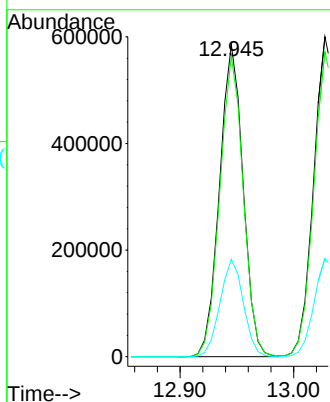
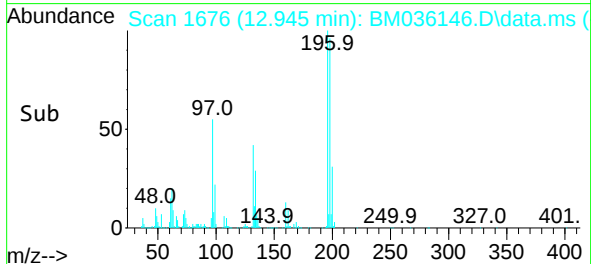
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



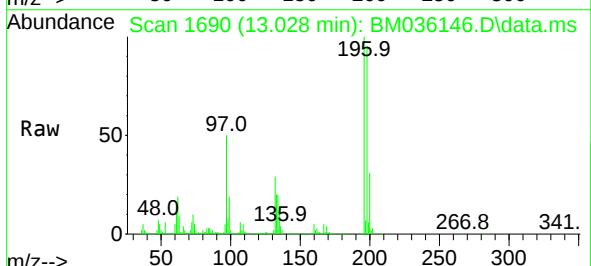
Tgt Ion:196 Resp: 84355
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.6
200 31.3 24.9 37.3

Manual Integrations
APPROVED

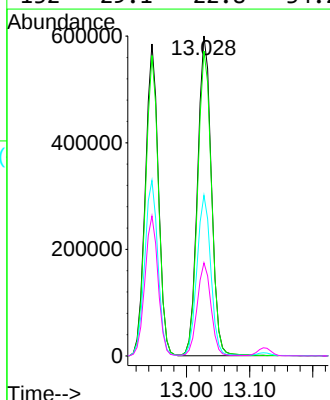
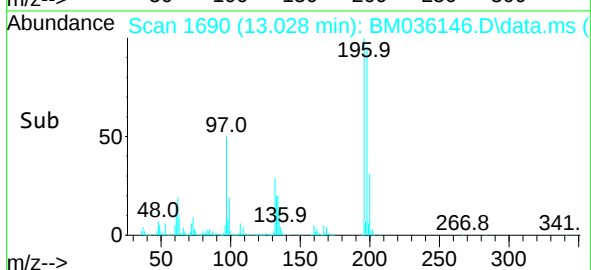
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

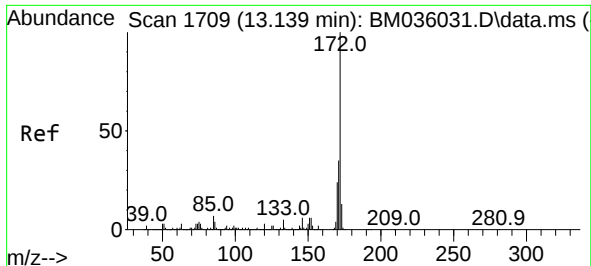


#44
2,4,5-Trichlorophenol
Concen: 48.367 ng
RT: 13.028 min Scan# 1690
Delta R.T. 0.018 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



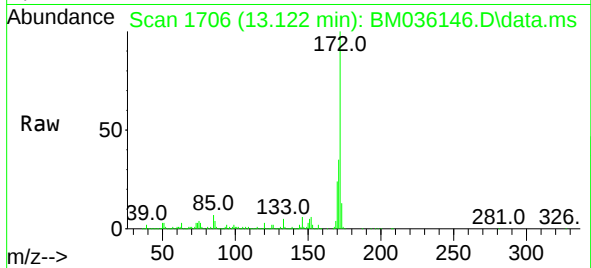
Tgt Ion:196 Resp: 912056
Ion Ratio Lower Upper
196 100
198 95.3 77.8 116.6
97 50.2 43.4 65.2
132 29.1 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 70.265 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

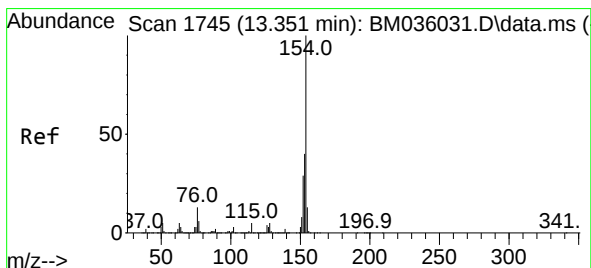
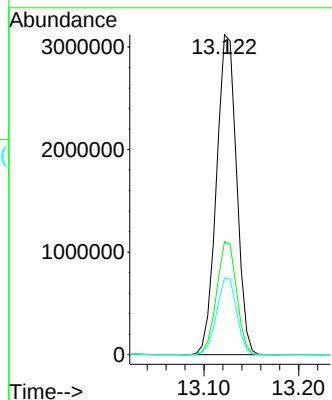
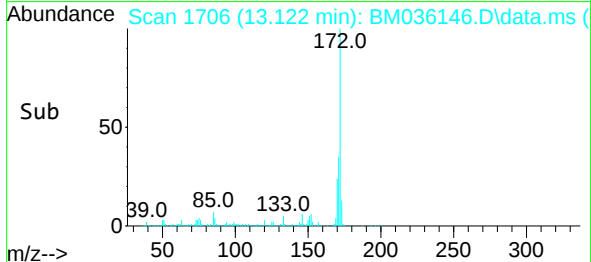
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



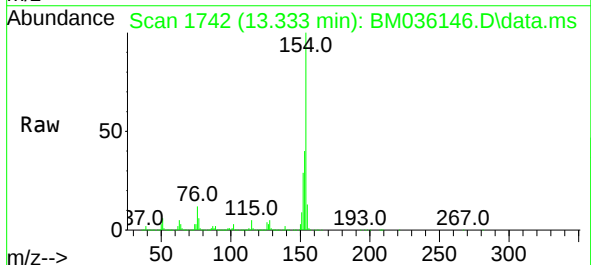
Tgt Ion:172 Resp: 460814
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.0 18.7 28.1

Manual Integrations
APPROVED

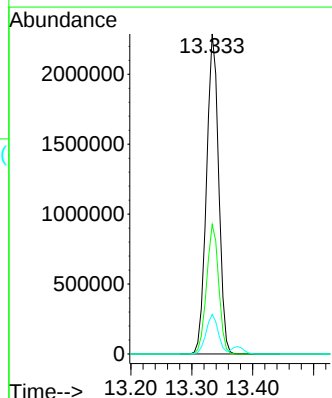
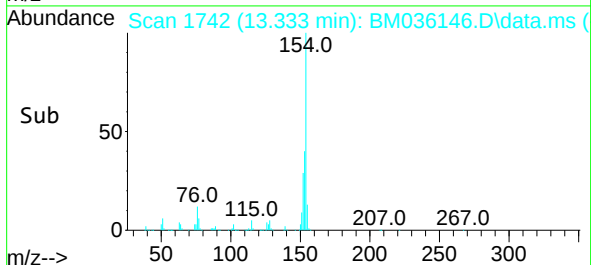
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

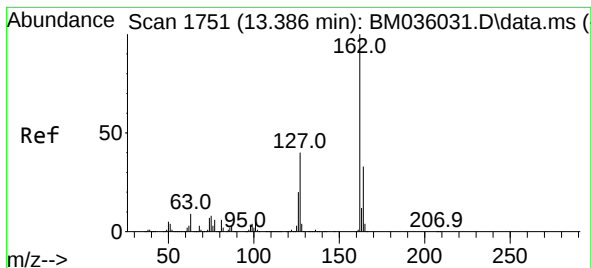


#46
1,1'-Biphenyl
Concen: 44.943 ng
RT: 13.333 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



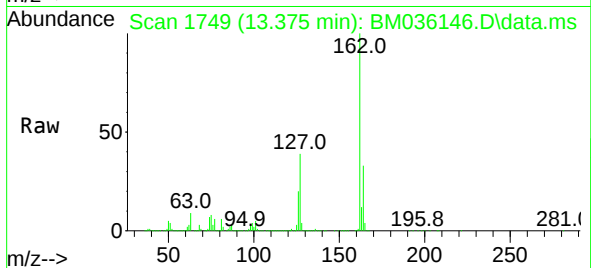
Tgt Ion:154 Resp: 3171537
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 12.4 0.0 31.8





#47
2-Chloronaphthalene
Concen: 44.943 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

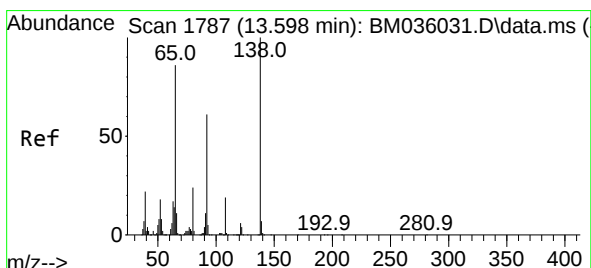
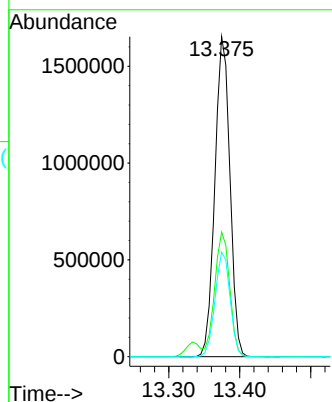
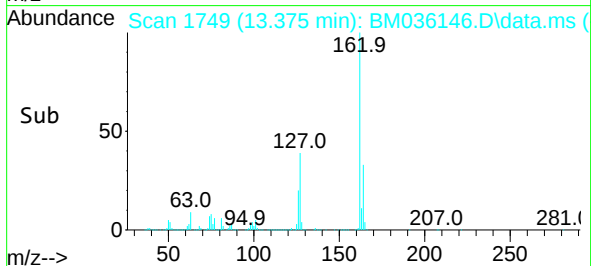
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



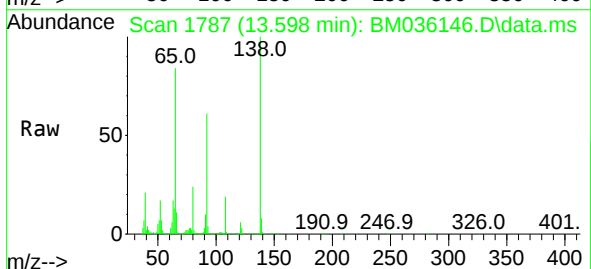
Tgt Ion:162 Resp: 242736
Ion Ratio Lower Upper
162 100
127 38.9 30.6 45.8
164 32.6 26.6 39.8

Manual Integrations
APPROVED

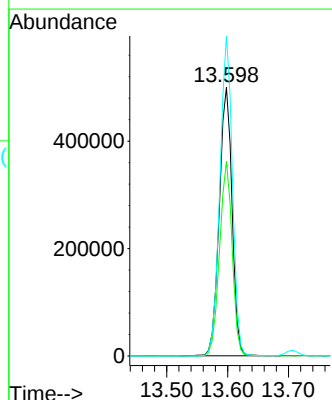
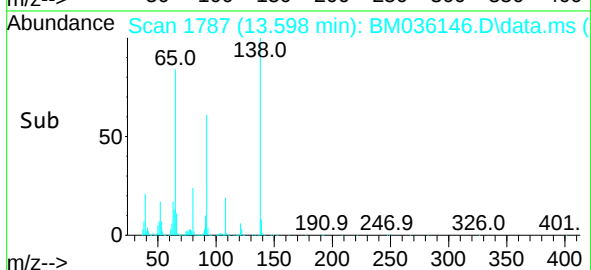
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

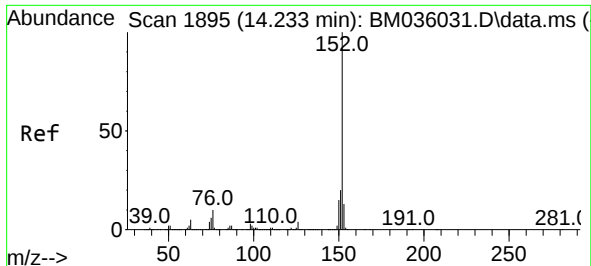


#48
2-Nitroaniline
Concen: 49.483 ng
RT: 13.598 min Scan# 1787
Delta R.T. 0.012 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



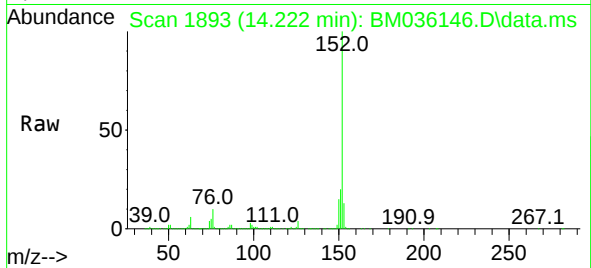
Tgt Ion: 65 Resp: 728325
Ion Ratio Lower Upper
65 100
92 72.4 53.7 80.5
138 119.1 83.9 125.9





#49
Acenaphthylene
Concen: 46.300 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

Instrument :
BNA_M
ClientSampleId :
P-5CMSD

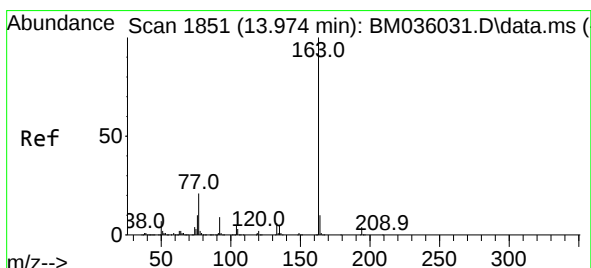
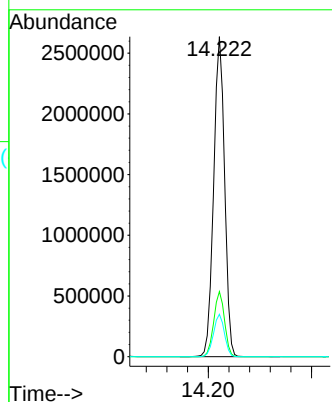
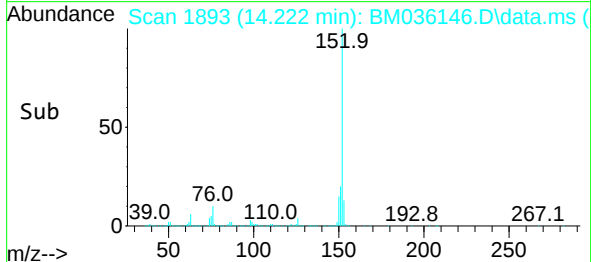


Tgt Ion:152 Resp: 386548
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.2 10.5 15.7

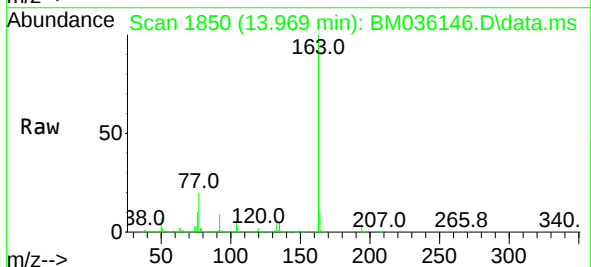
Manual Integrations

APPROVED

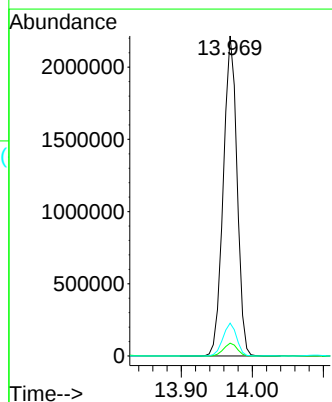
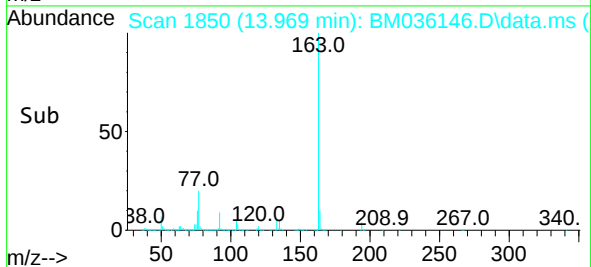
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

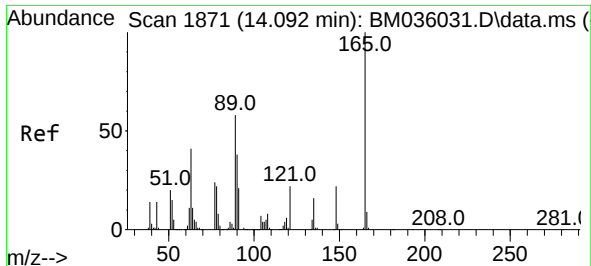


#50
Dimethylphthalate
Concen: 44.934 ng
RT: 13.969 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



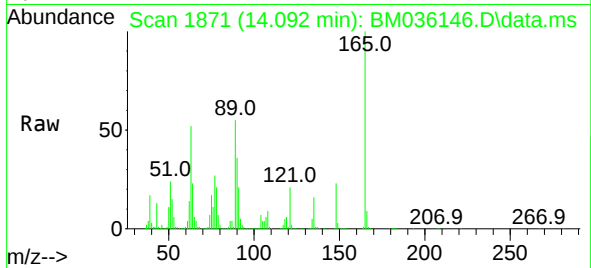
Tgt Ion:163 Resp: 2958840
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.3 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 49.419 ng
RT: 14.092 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

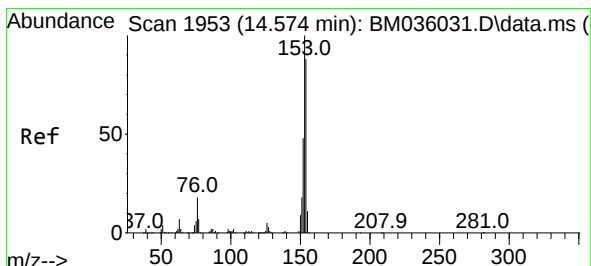
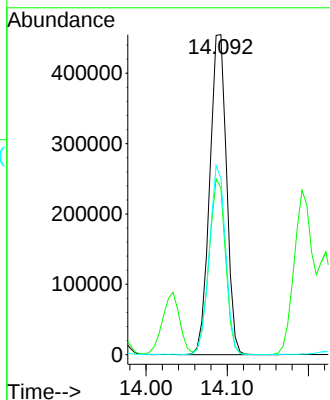
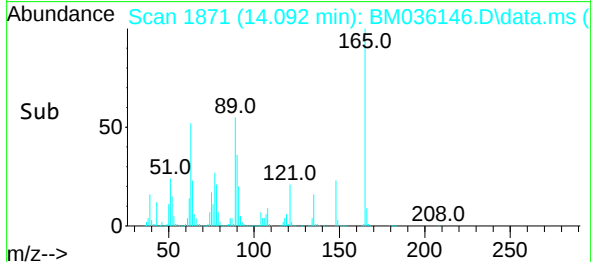
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



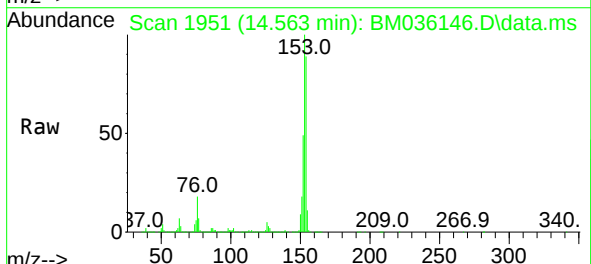
Tgt Ion:165 Resp: 652918
Ion Ratio Lower Upper
165 100
63 52.0 50.2 75.2
89 55.2 48.4 72.6

Manual Integrations
APPROVED

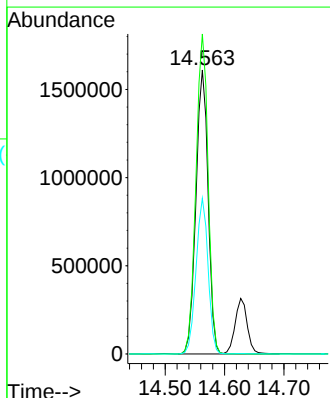
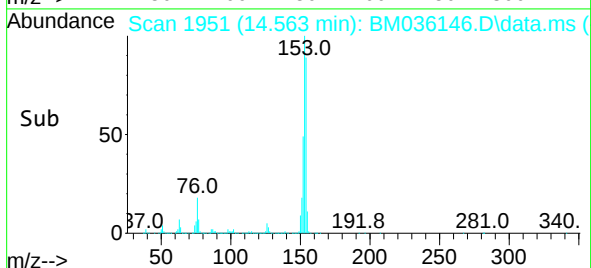
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

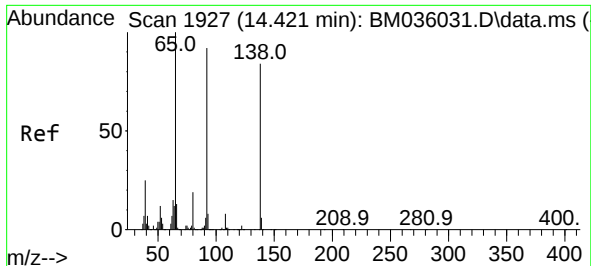


#52
Acenaphthene
Concen: 50.142 ng m
RT: 14.563 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



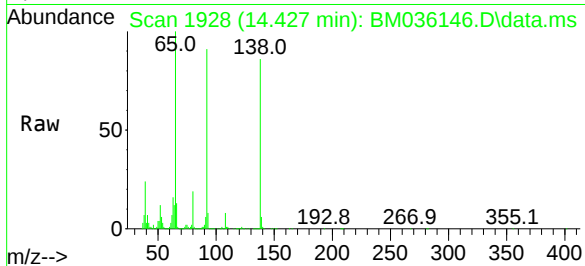
Tgt Ion:154 Resp: 2738438
Ion Ratio Lower Upper
154 100
153 112.7 91.0 136.6
152 54.8 43.4 65.2





#53
3-Nitroaniline
Concen: 39.236 ng
RT: 14.427 min Scan# 1927
Delta R.T. 0.012 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

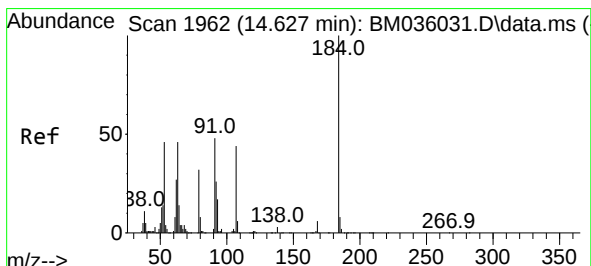
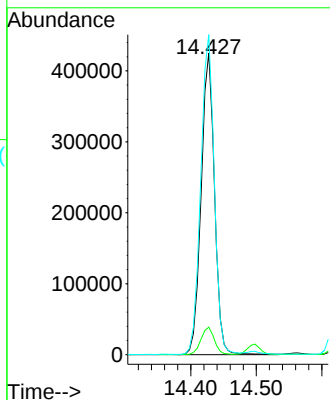
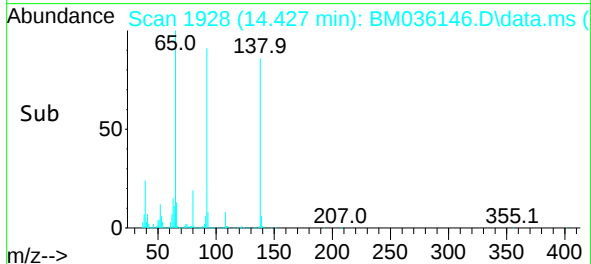
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



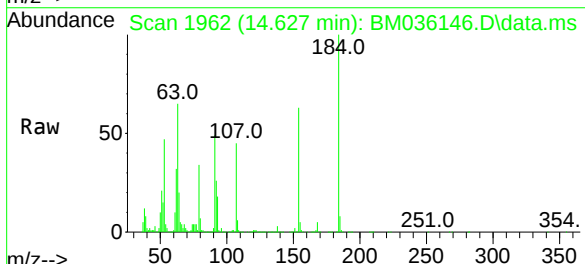
Tgt Ion:138 Resp: 60480
Ion Ratio Lower Upper
138 100
108 9.1 8.7 13.1
92 106.0 91.5 137.3

Manual Integrations
APPROVED

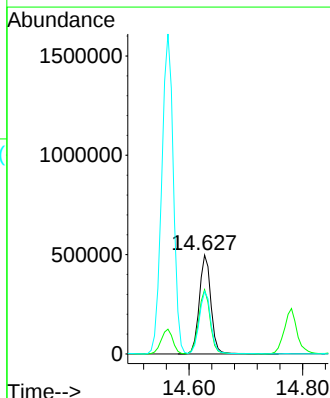
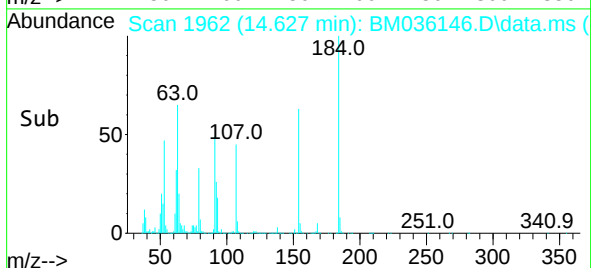
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

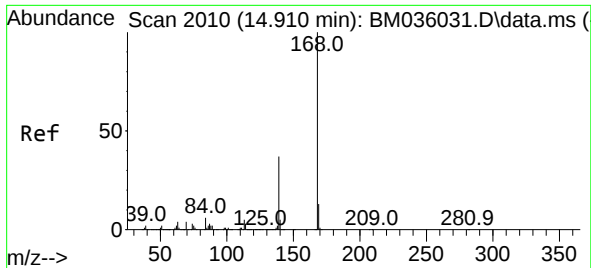


#54
2,4-Dinitrophenol
Concen: 101.174 ng
RT: 14.627 min Scan# 1962
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



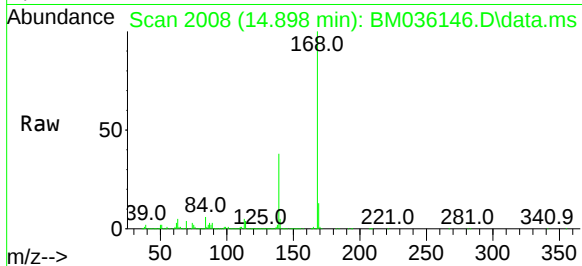
Tgt Ion:184 Resp: 707354
Ion Ratio Lower Upper
184 100
63 65.0 59.5 89.3
154 63.2 55.6 83.4





#55
Dibenzenofuran
Concen: 44.020 ng
RT: 14.898 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

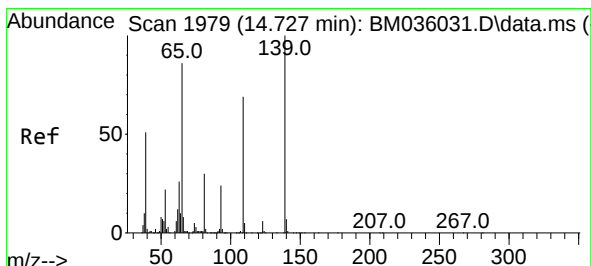
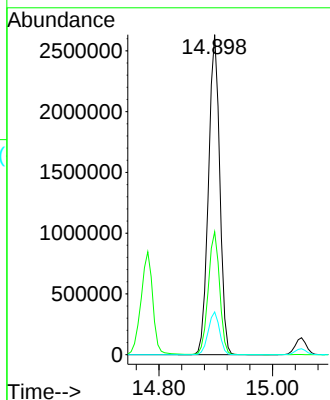
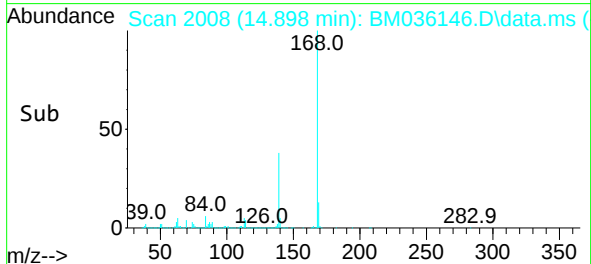
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion:168 Resp: 3600099
Ion Ratio Lower Upper
168 100
139 38.4 32.2 48.2
169 13.3 10.6 16.0

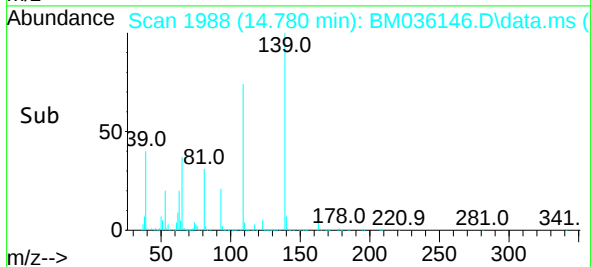
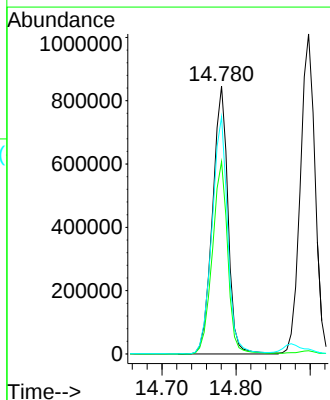
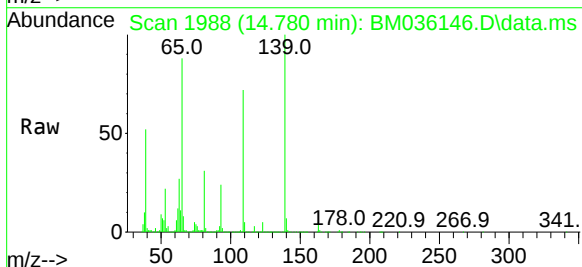
Manual Integrations
APPROVED

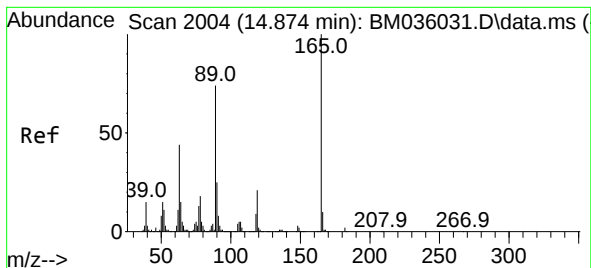
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#56
4-Nitrophenol
Concen: 99.274 ng
RT: 14.780 min Scan# 1988
Delta R.T. 0.059 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

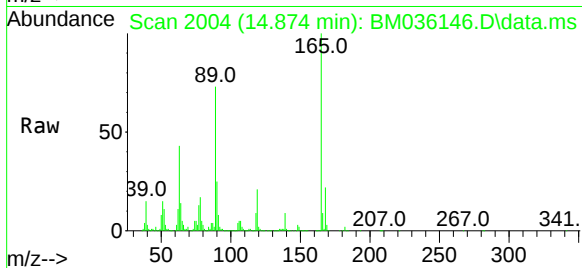
Tgt Ion:139 Resp: 1224581
Ion Ratio Lower Upper
139 100
109 71.8 62.5 102.5
65 88.5 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 51.641 ng
RT: 14.874 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

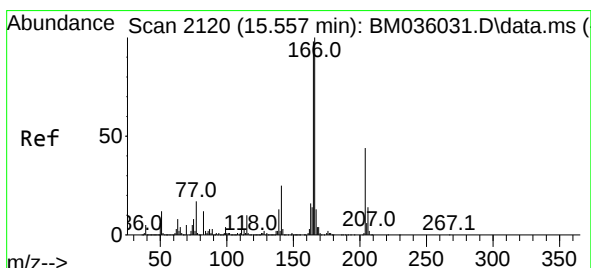
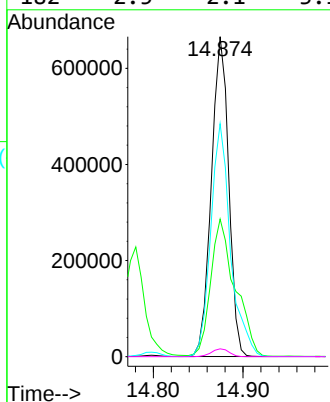
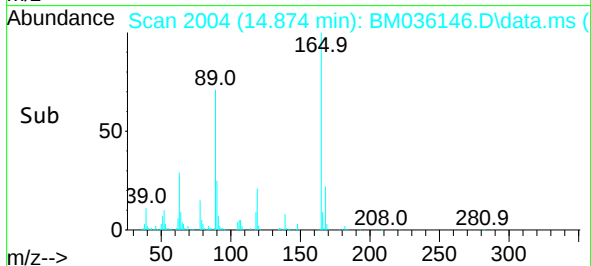
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion:165 Resp: 894279
Ion Ratio Lower Upper
165 100
63 43.0 35.6 53.4
89 72.8 57.3 85.9
182 2.5 2.1 3.1

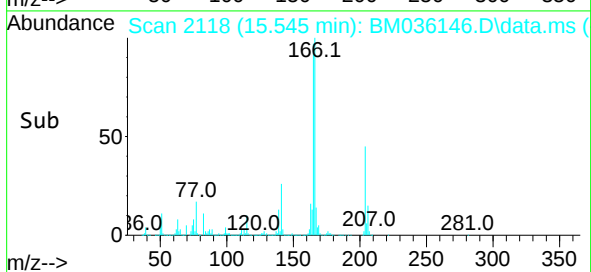
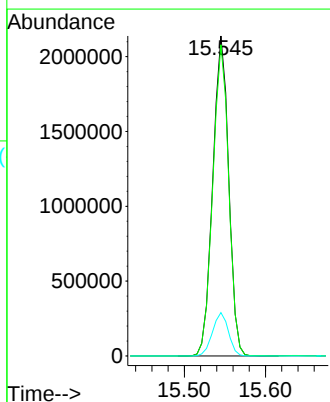
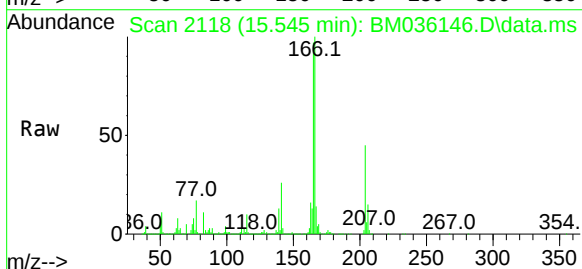
Manual Integrations
APPROVED

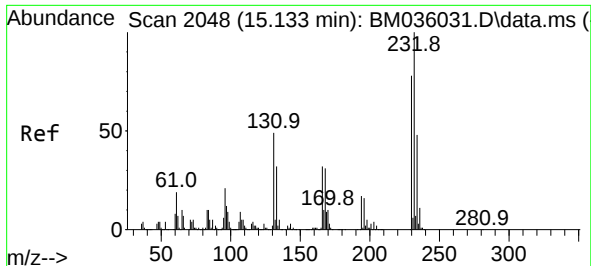
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#58
Fluorene
Concen: 45.113 ng
RT: 15.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

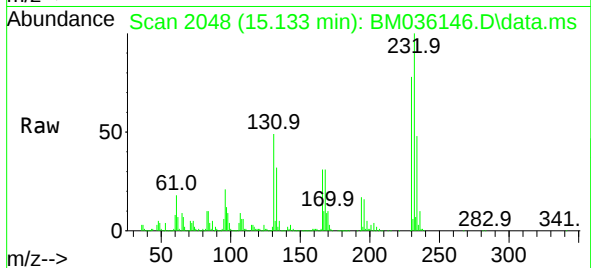
Tgt Ion:166 Resp: 2910334
Ion Ratio Lower Upper
166 100
165 97.3 79.4 119.2
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.347 ng
RT: 15.133 min Scan# 2048
Delta R.T. 0.012 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

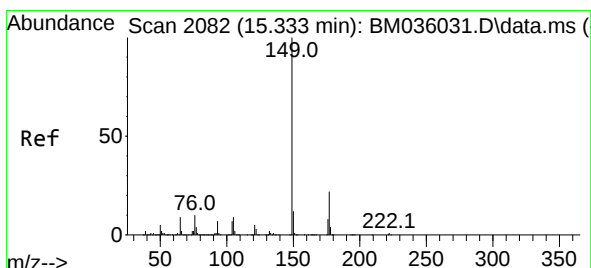
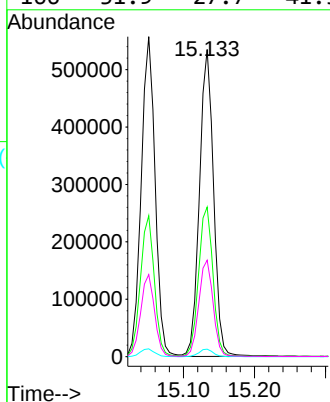
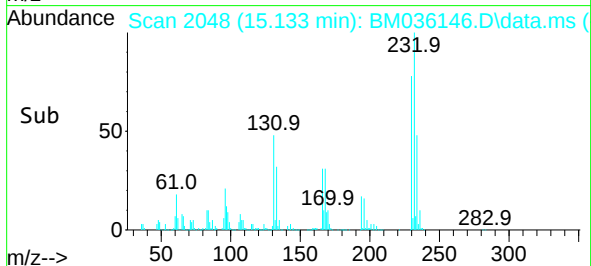
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion:232 Resp: 74033
Ion Ratio Lower Upper
232 100
131 49.5 41.0 61.6
130 2.5 2.3 3.5
166 31.9 27.7 41.5

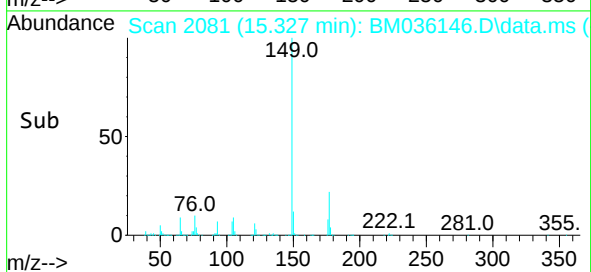
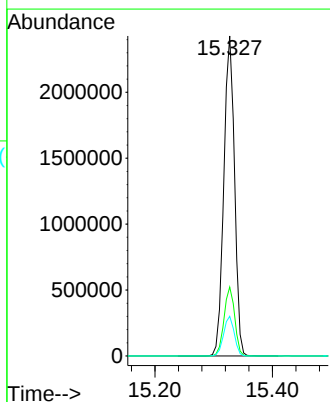
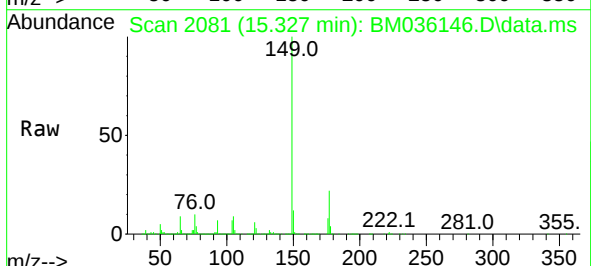
Manual Integrations
APPROVED

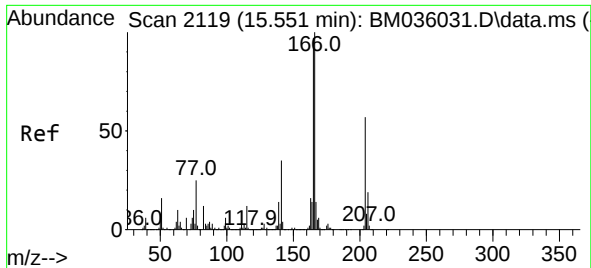
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#60
Diethylphthalate
Concen: 45.341 ng
RT: 15.327 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

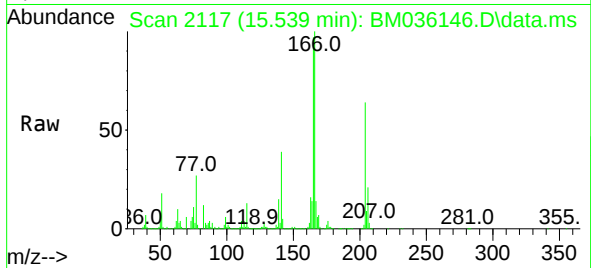
Tgt Ion:149 Resp: 3068204
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.896 ng
RT: 15.539 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

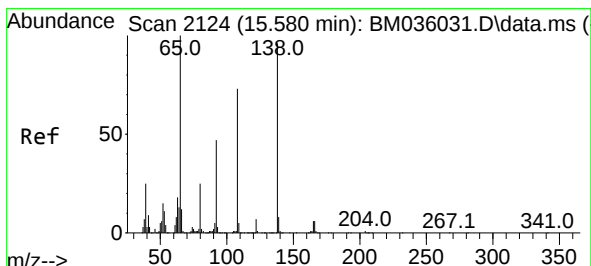
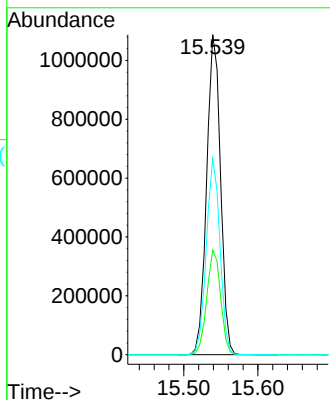
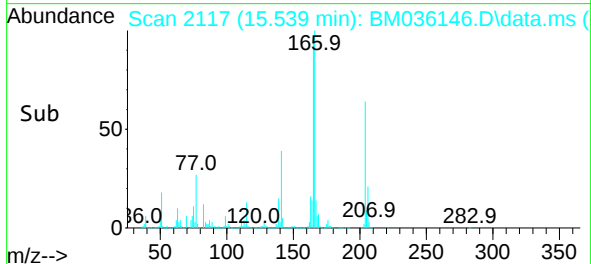
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



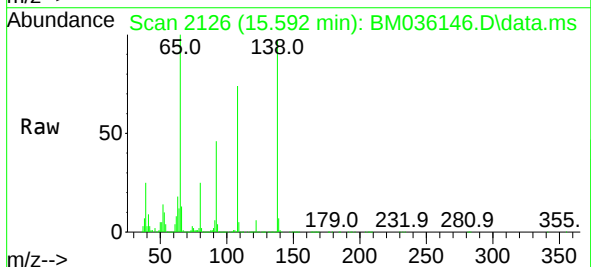
Tgt Ion:204 Resp: 141205
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 61.3 51.2 76.8

Manual Integrations
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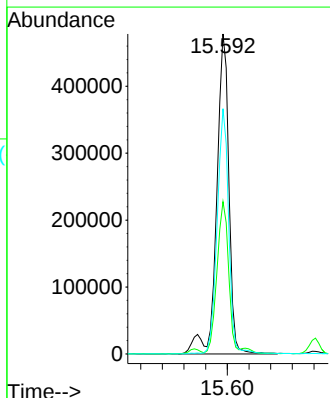
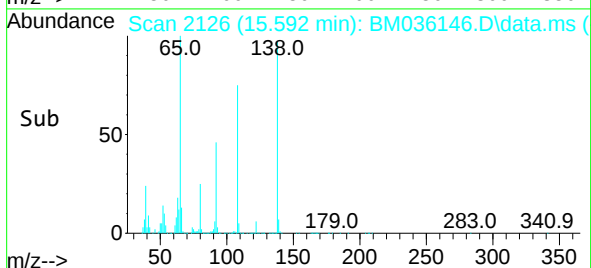
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

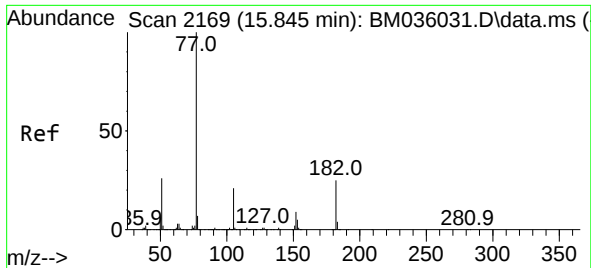


#62
4-Nitroaniline
Concen: 47.367 ng m
RT: 15.592 min Scan# 2126
Delta R.T. 0.018 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



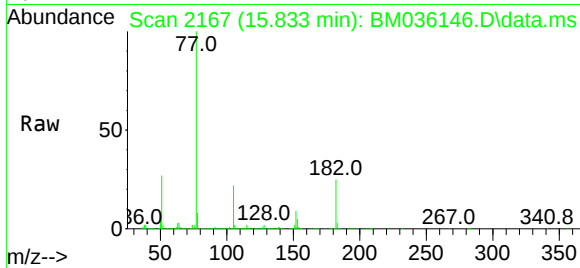
Tgt Ion:138 Resp: 751130
Ion Ratio Lower Upper
138 100
92 47.6 30.8 70.8
108 76.6 65.7 105.7





#63
Azobenzene
Concen: 44.348 ng
RT: 15.833 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

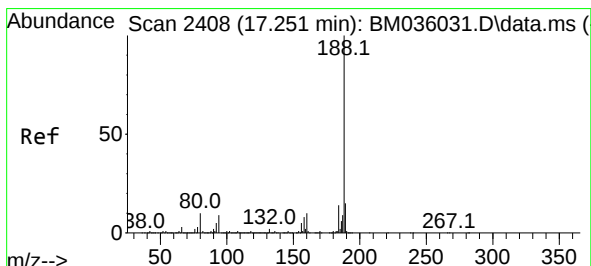
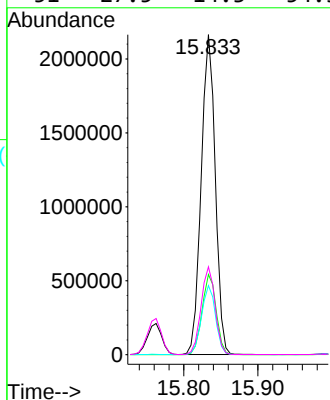
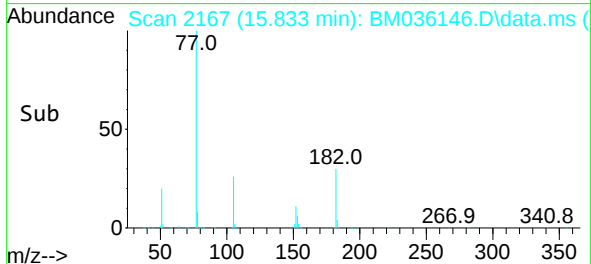
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



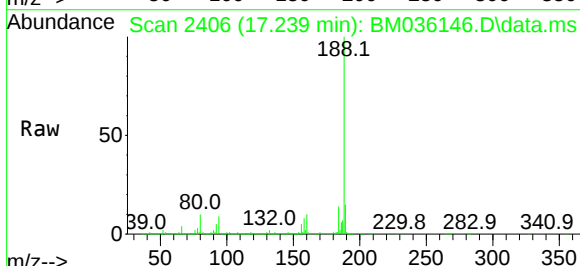
Tgt Ion: 77 Resp: 2852944
Ion Ratio Lower Upper
77 100
182 25.1 4.9 44.9
105 21.6 0.0 39.6
51 27.5 14.3 54.3

Manual Integrations
APPROVED

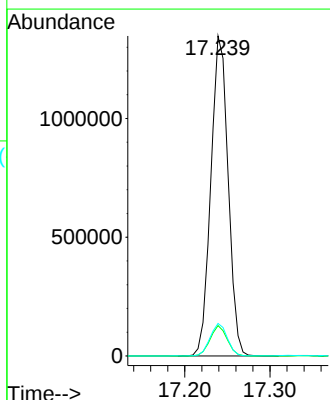
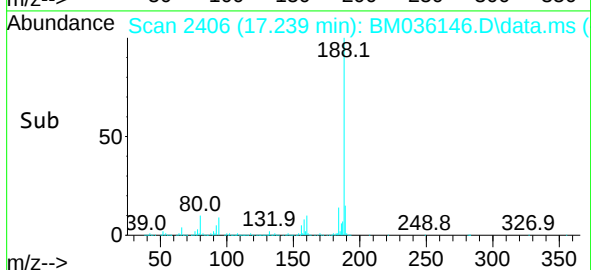
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

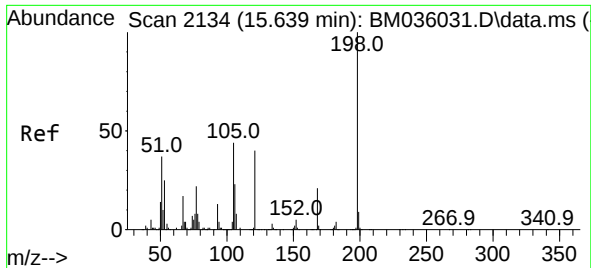


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



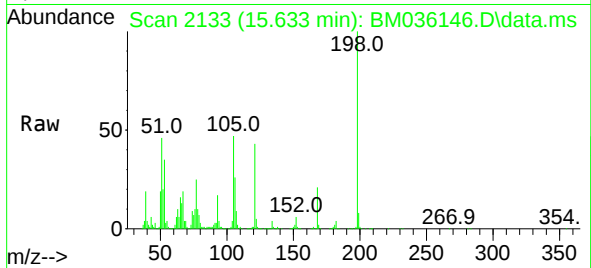
Tgt Ion:188 Resp: 1907076
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.1 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 46.120 ng
RT: 15.633 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

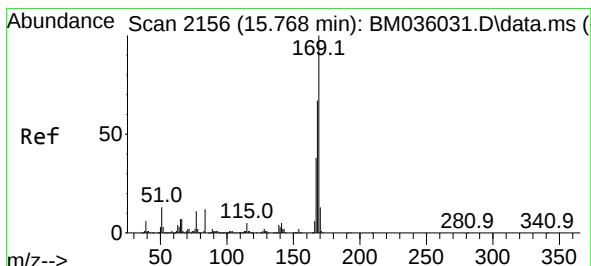
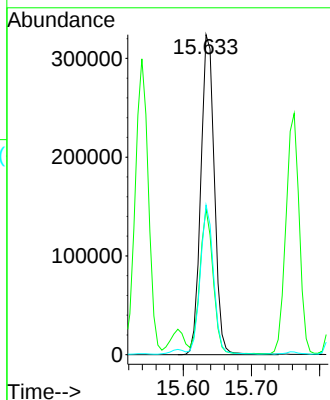
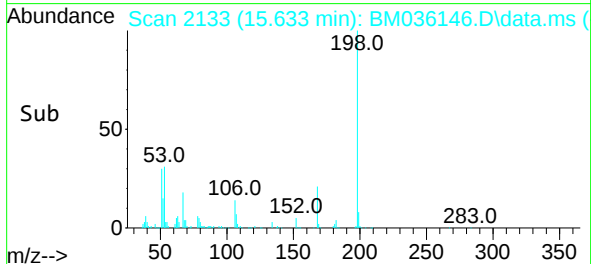
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion:198 Resp: 449724
Ion Ratio Lower Upper
198 100
51 45.6 29.0 69.0
105 46.8 22.1 62.1

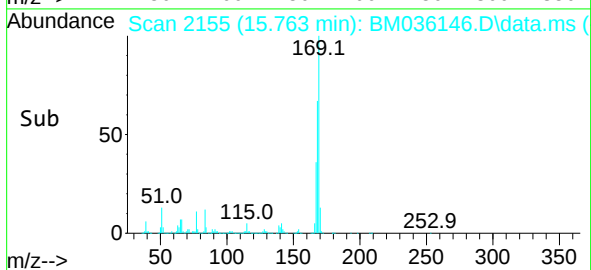
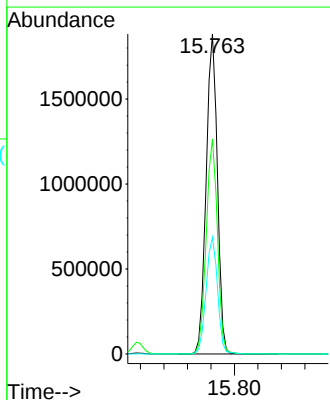
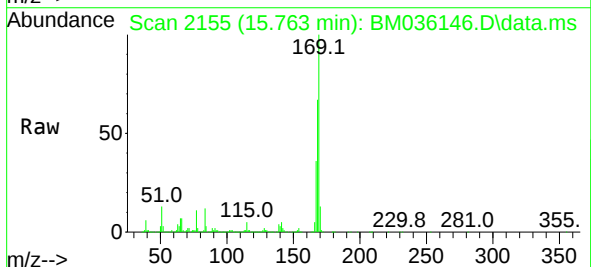
Manual Integrations
APPROVED

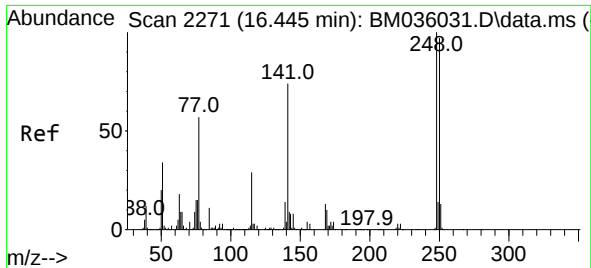
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#66
n-Nitrosodiphenylamine
Concen: 46.218 ng
RT: 15.763 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

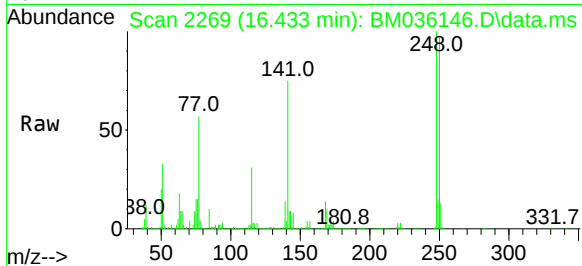
Tgt Ion:169 Resp: 2488191
Ion Ratio Lower Upper
169 100
168 67.2 54.3 81.5
167 36.5 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 45.476 ng
RT: 16.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

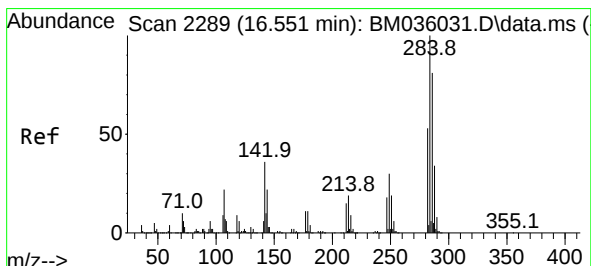
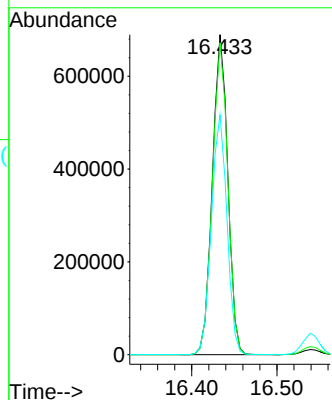
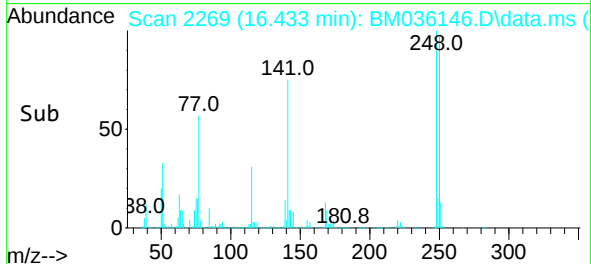
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



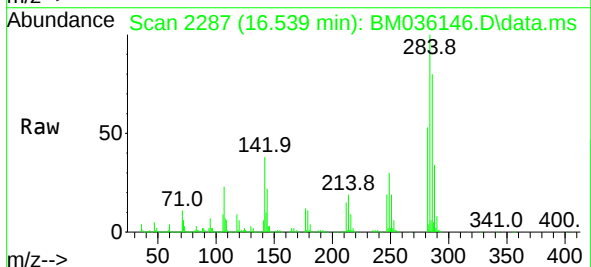
Tgt Ion:248 Resp: 867480
Ion Ratio Lower Upper
248 100
250 97.5 78.0 117.0
141 74.9 66.0 99.0

Manual Integrations
APPROVED

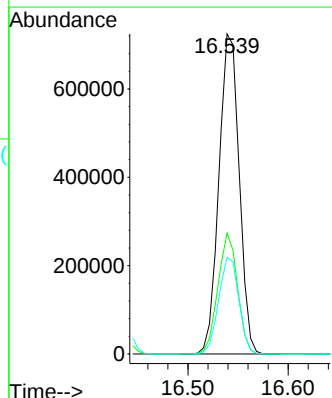
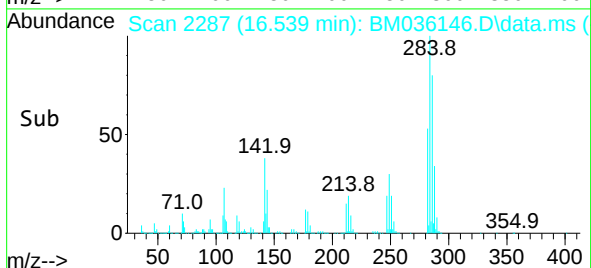
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

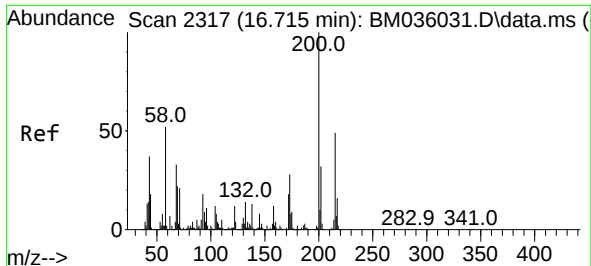


#68
Hexachlorobenzene
Concen: 46.401 ng
RT: 16.539 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



Tgt Ion:284 Resp: 1015582
Ion Ratio Lower Upper
284 100
142 37.7 33.6 50.4
249 30.2 26.2 39.2





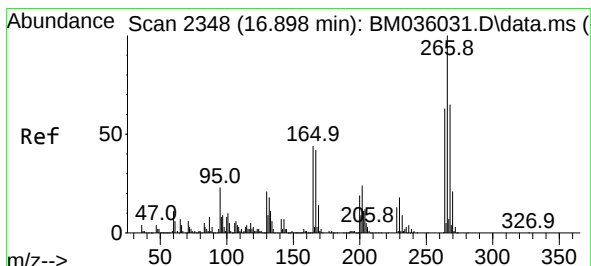
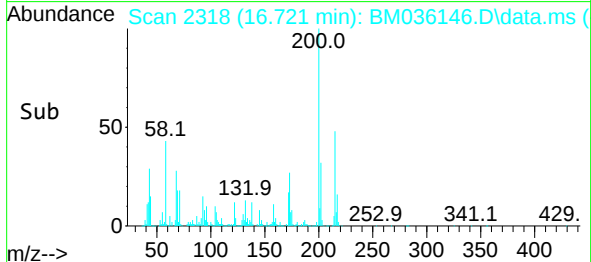
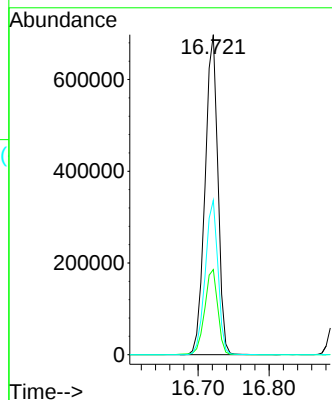
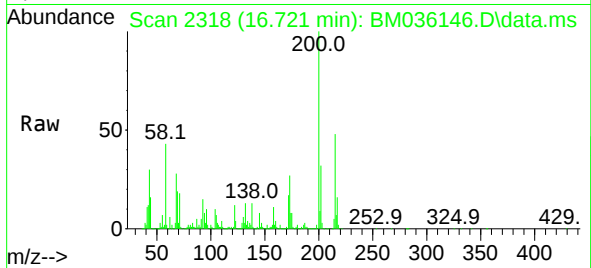
#69
 Atrazine
 Concen: 58.437 ng
 RT: 16.721 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BM036146.D
 Acq: 08 Aug 2022 14:56

Instrument :
 BNA_M
 ClientSampleId :
 P-5CMSD

Tgt Ion:200 Resp: 88029
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.6 46.6
 215 48.2 26.2 66.2

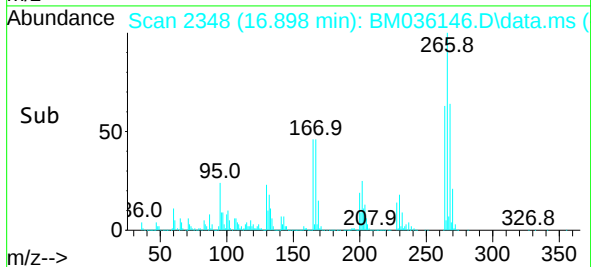
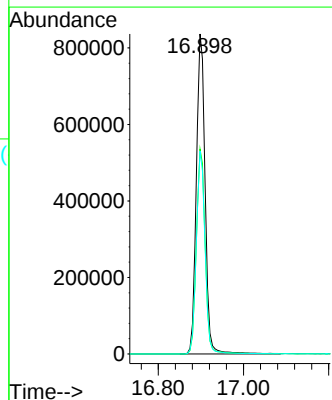
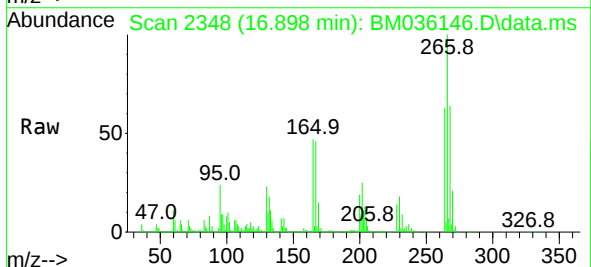
Manual Integrations
 APPROVED

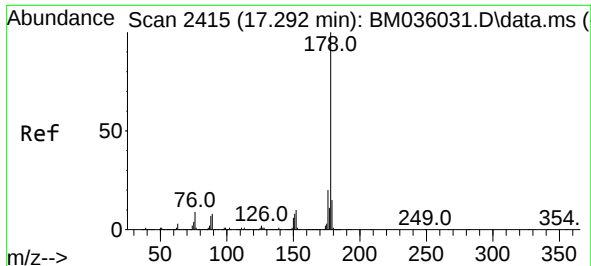
Reviewed By :Christian Giraldo 08/09/2022
 Supervised By :Jagrut Upadhyay 08/09/2022



#70
 Pentachlorophenol
 Concen: 93.228 ng
 RT: 16.898 min Scan# 2348
 Delta R.T. 0.006 min
 Lab File: BM036146.D
 Acq: 08 Aug 2022 14:56

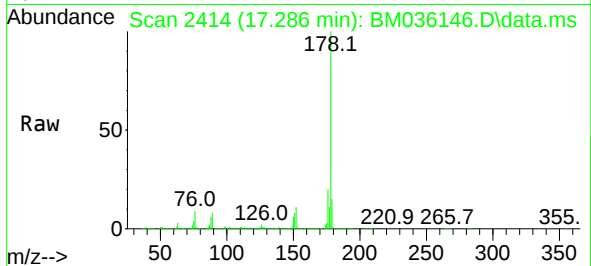
Tgt Ion:266 Resp: 1195050
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.9 77.9
 264 63.4 50.6 76.0





#71
Phenanthrene
Concen: 45.451 ng
RT: 17.286 min Scan# 2415
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

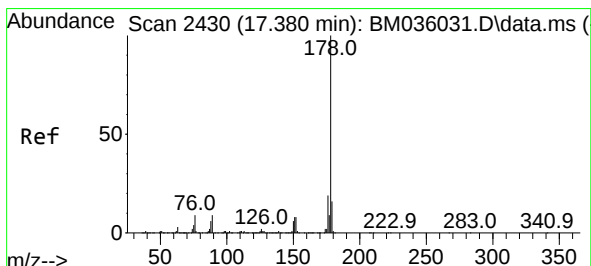
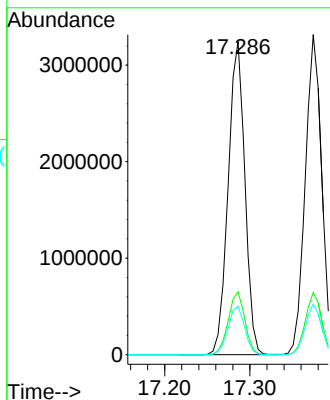
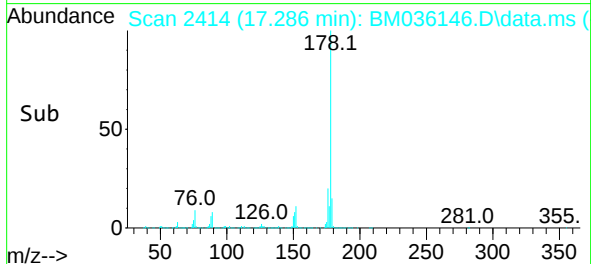
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



Tgt Ion:178 Resp: 4416009
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.0
179 15.5 12.4 18.6

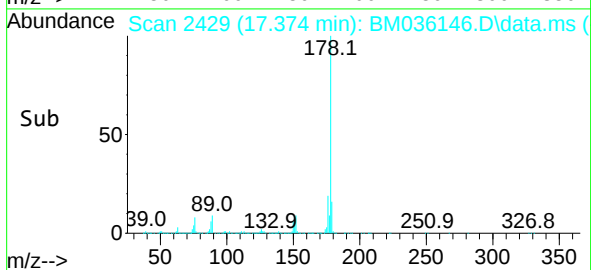
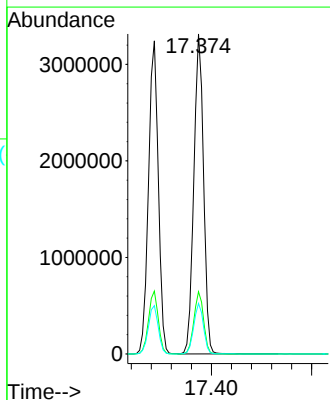
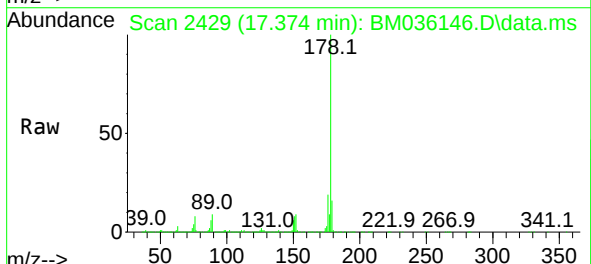
Manual Integrations
APPROVED

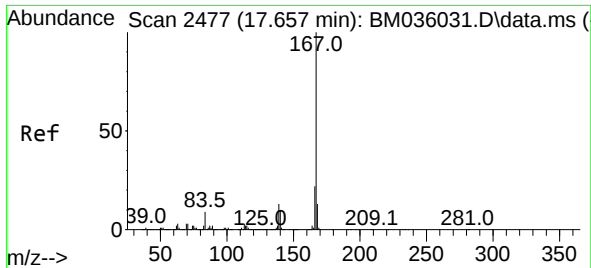
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#72
Anthracene
Concen: 47.276 ng
RT: 17.374 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

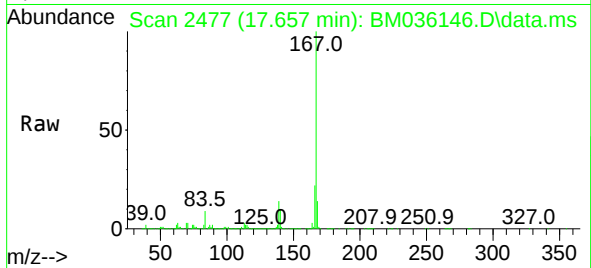
Tgt Ion:178 Resp: 4446942
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 15.8 12.2 18.2





#73
 Carbazole
 Concen: 43.545 ng
 RT: 17.657 min Scan# 2477
 Delta R.T. 0.012 min
 Lab File: BM036146.D
 Acq: 08 Aug 2022 14:56

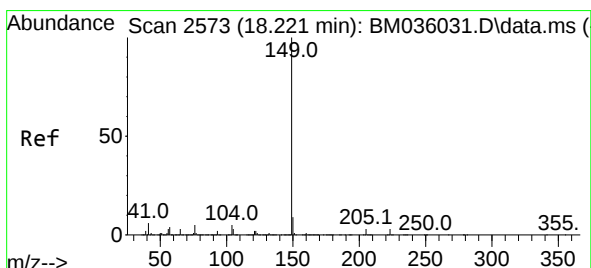
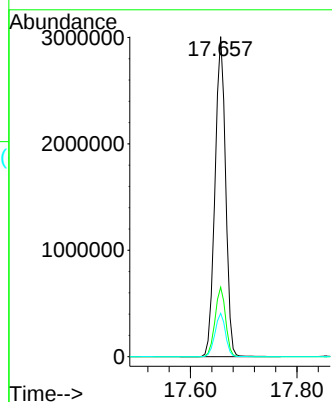
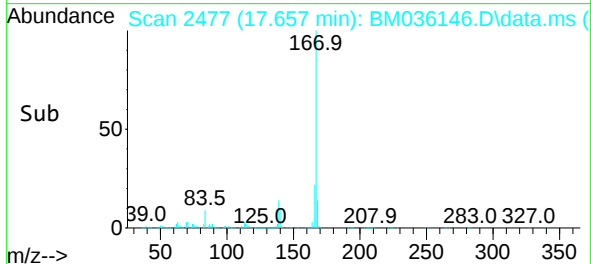
Instrument :
 BNA_M
 ClientSampleId :
 P-5CMSD



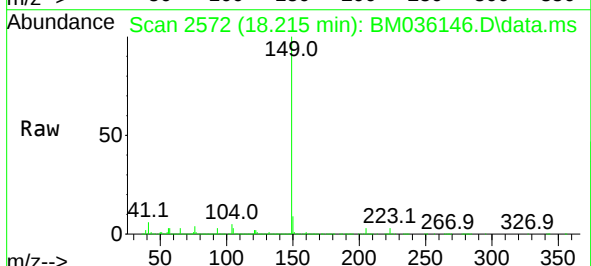
Tgt Ion:167 Resp: 415014
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 13.6 10.9 16.3

Manual Integrations
 APPROVED

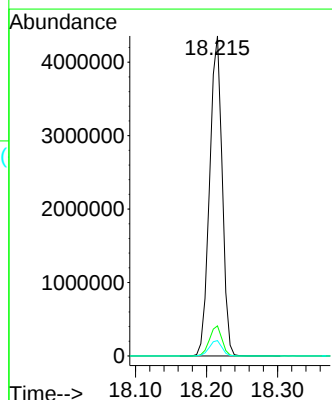
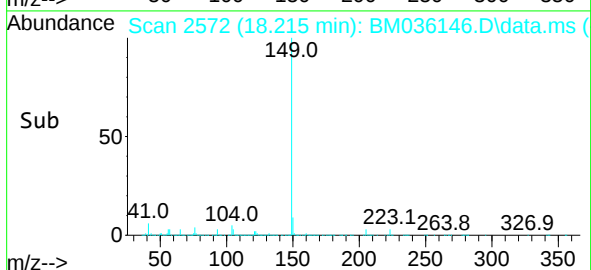
Reviewed By :Christian Giraldo 08/09/2022
 Supervised By :Jagrut Upadhyay 08/09/2022

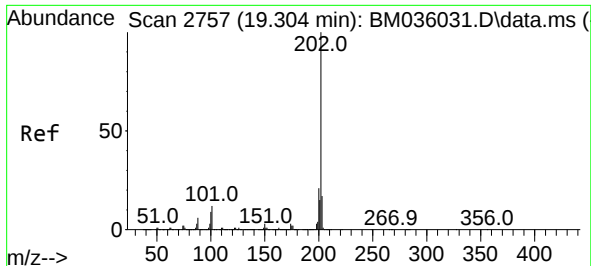


#74
 Di-n-butylphthalate
 Concen: 47.088 ng
 RT: 18.215 min Scan# 2572
 Delta R.T. 0.000 min
 Lab File: BM036146.D
 Acq: 08 Aug 2022 14:56



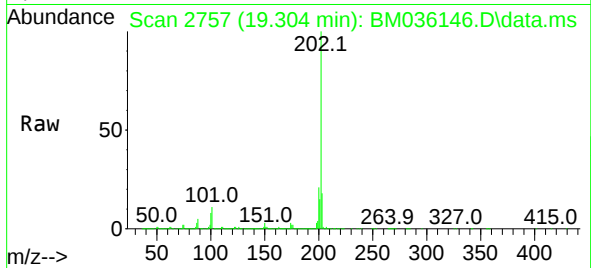
Tgt Ion:149 Resp: 5357327
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 4.8 4.3 6.5





#75
Fluoranthene
Concen: 44.981 ng
RT: 19.304 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

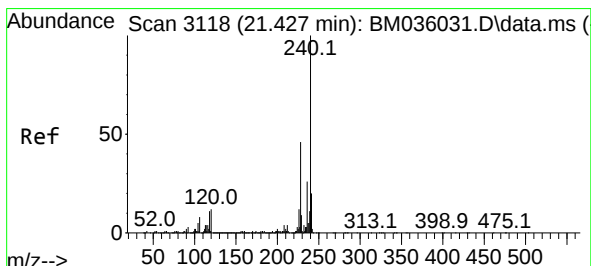
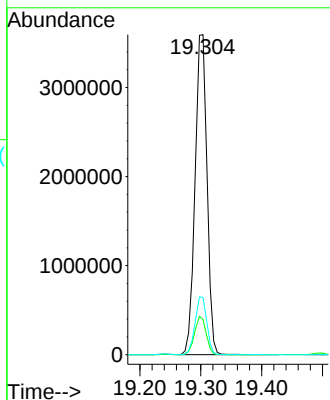
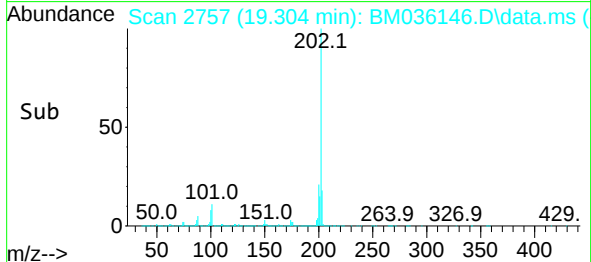
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



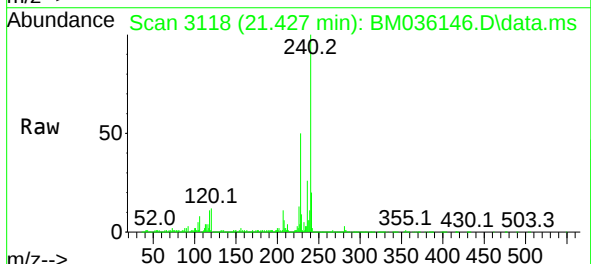
Tgt Ion:202 Resp: 4891972
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.6
203 17.9 0.0 37.4

Manual Integrations
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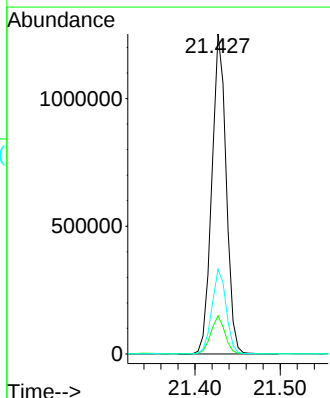
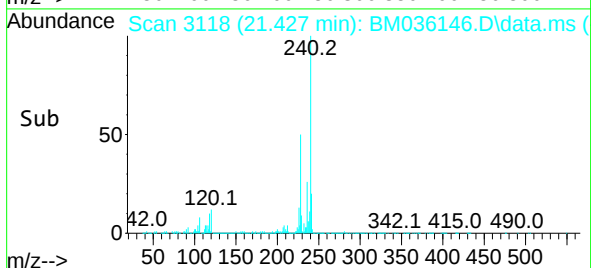
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

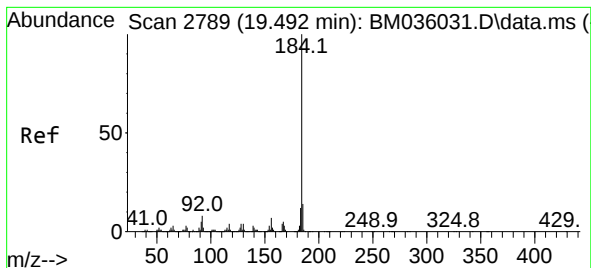


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



Tgt Ion:240 Resp: 1466661
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.0
236 26.4 20.6 30.8





#77

Benzidine

Concen: 153.647 ng

RT: 19.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM036146.D

Acq: 08 Aug 2022 14:56

Instrument :

BNA_M

ClientSampleId :

P-5CMSD

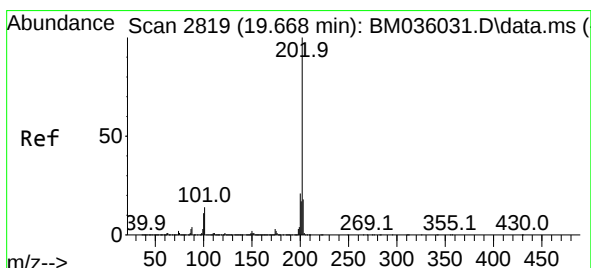
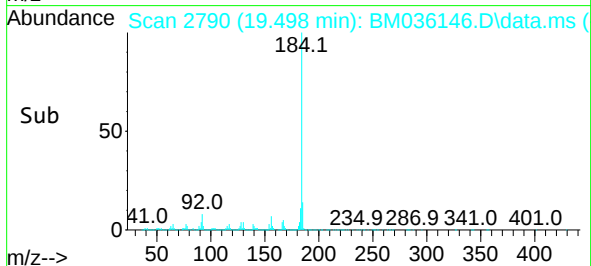
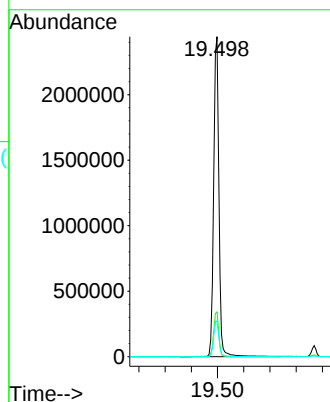
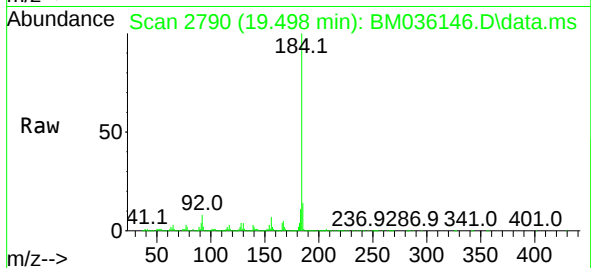
Tgt Ion:184 Resp: 337955
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.3 16.9
 183 11.2 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/09/2022

Supervised By :Jagrut Upadhyay 08/09/2022



#78

Pyrene

Concen: 54.319 ng

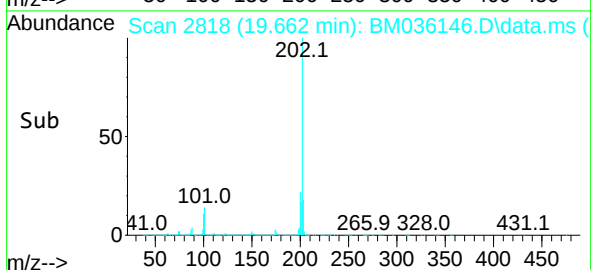
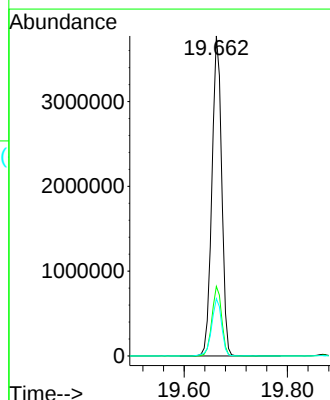
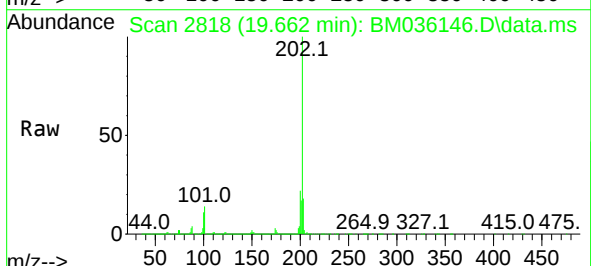
RT: 19.662 min Scan# 2818

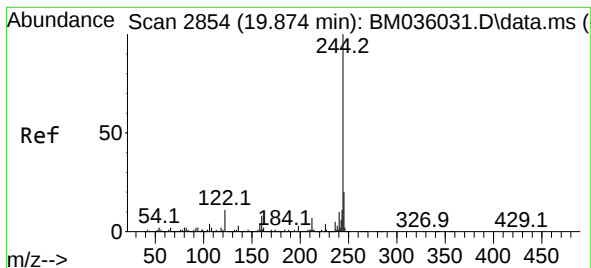
Delta R.T. 0.000 min

Lab File: BM036146.D

Acq: 08 Aug 2022 14:56

Tgt Ion:202 Resp: 4940214
 Ion Ratio Lower Upper
 202 100
 200 21.8 16.7 25.1
 203 17.9 13.9 20.9





#79

Terphenyl-d14

Concen: 86.874 ng

RT: 19.868 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036146.D

Acq: 08 Aug 2022 14:56

Instrument :

BNA_M

ClientSampleId :

P-5CMSD

Tgt Ion:244 Resp: 645976

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.4

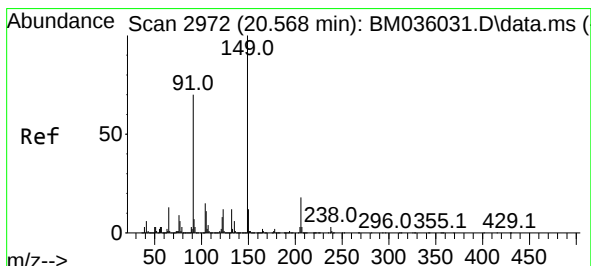
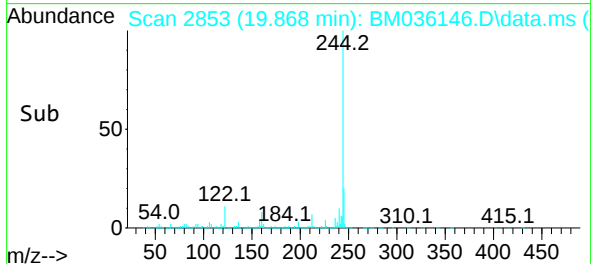
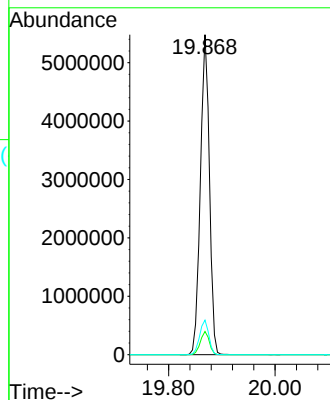
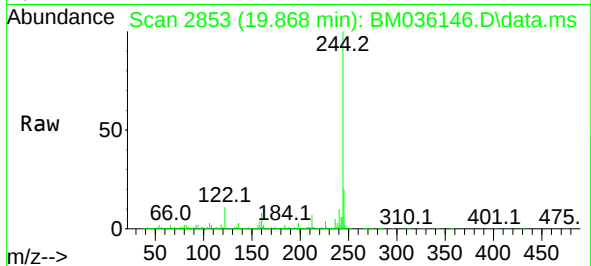
122 10.8 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/09/2022

Supervised By :Jagrut Upadhyay 08/09/2022



#80

Butylbenzylphthalate

Concen: 57.473 ng

RT: 20.568 min Scan# 2972

Delta R.T. 0.006 min

Lab File: BM036146.D

Acq: 08 Aug 2022 14:56

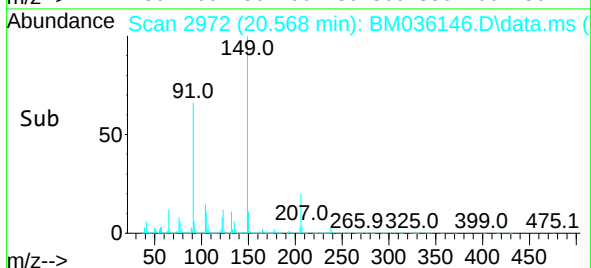
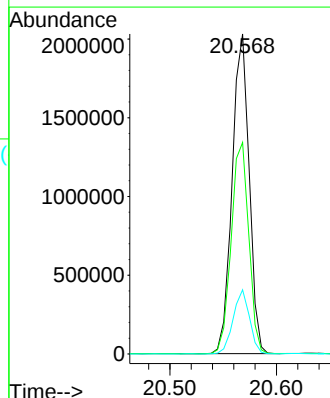
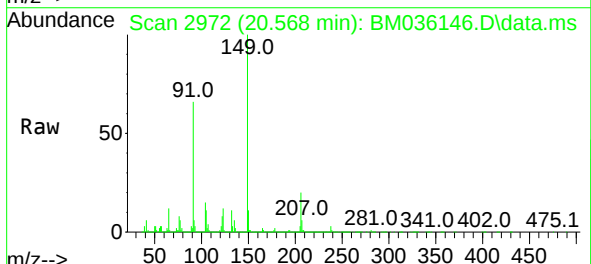
Tgt Ion:149 Resp: 2255996

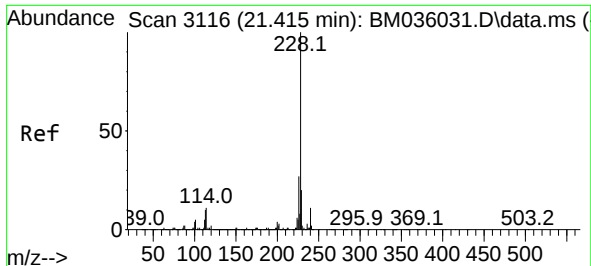
Ion Ratio Lower Upper

149 100

91 66.1 56.6 85.0

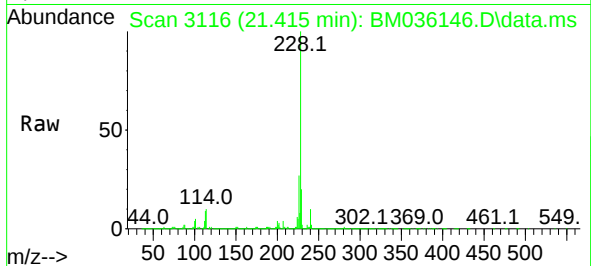
206 20.0 15.4 23.0





#81
Benzo(a)anthracene
Concen: 46.660 ng
RT: 21.415 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

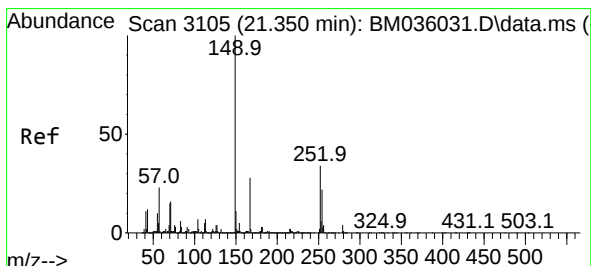
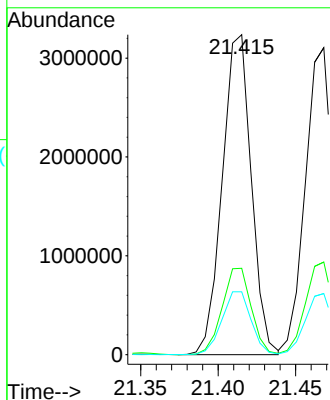
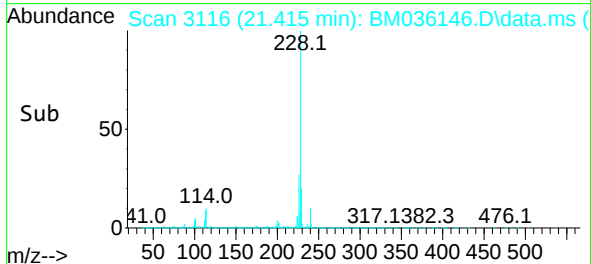
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



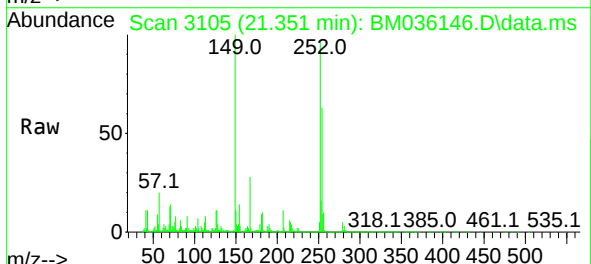
Tgt Ion:228 Resp: 421514
Ion Ratio Lower Upper
228 100
226 27.0 22.3 33.5
229 19.7 15.8 23.6

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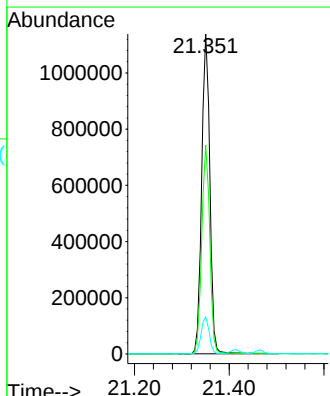
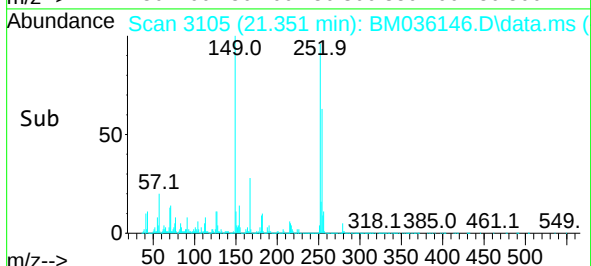
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

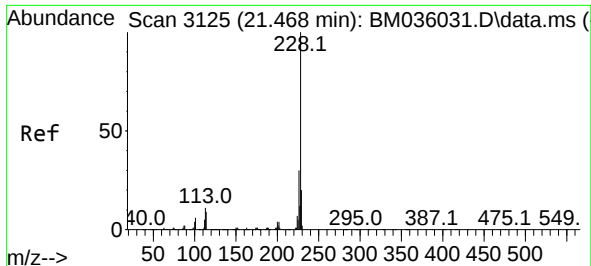


#82
3,3'-Dichlorobenzidine
Concen: 62.541 ng
RT: 21.351 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



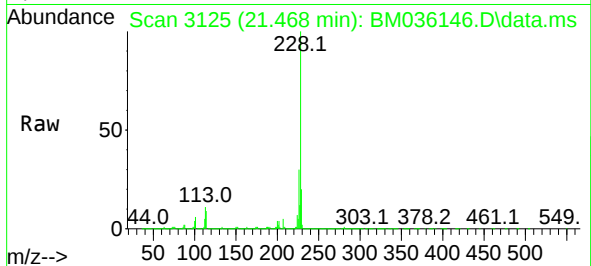
Tgt Ion:252 Resp: 1371860
Ion Ratio Lower Upper
252 100
254 65.3 51.7 77.5
126 11.5 9.4 14.0





#83
Chrysene
Concen: 45.235 ng
RT: 21.468 min Scan# 3125
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

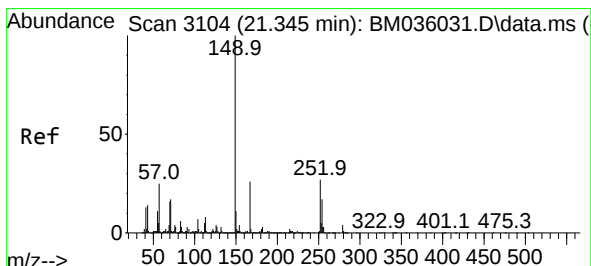
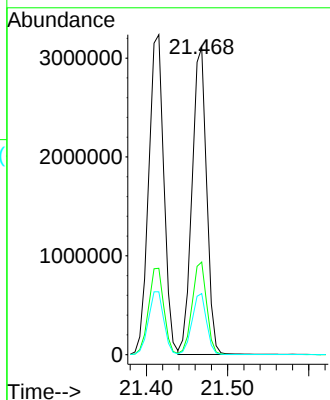
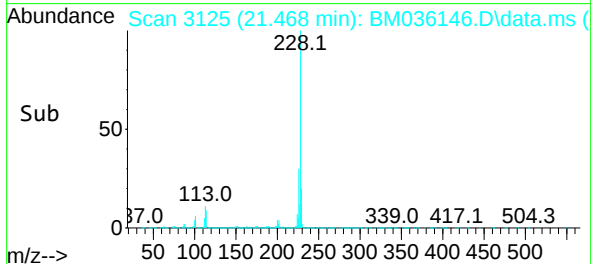
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



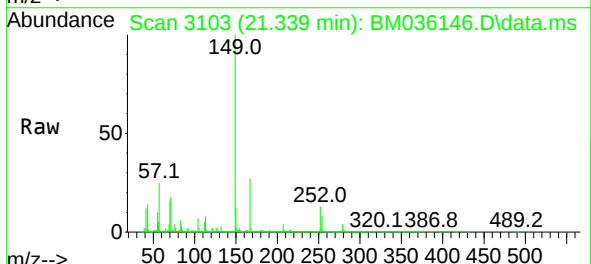
Tgt Ion:228 Resp: 3884500
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.9 15.8 23.8

Manual Integrations
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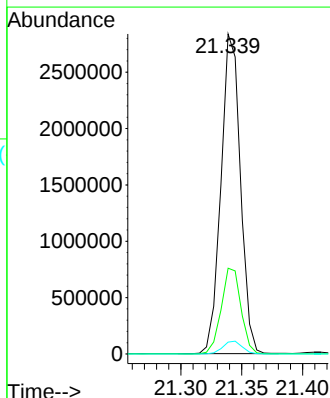
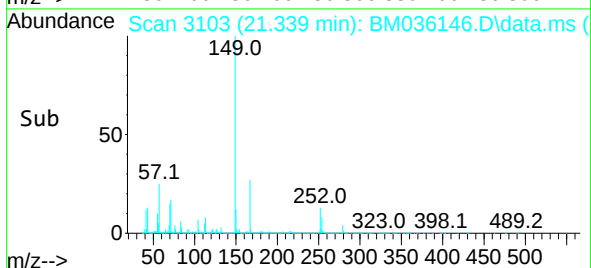
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

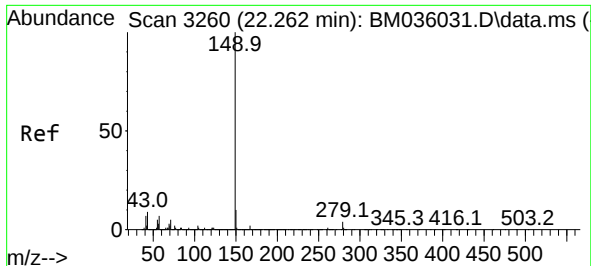


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.277 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



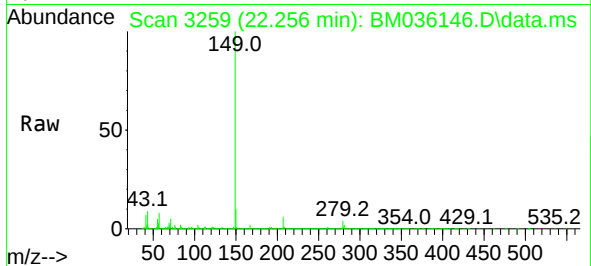
Tgt Ion:149 Resp: 3155036
Ion Ratio Lower Upper
149 100
167 26.8 21.1 31.7
279 3.7 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 48.207 ng
RT: 22.256 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

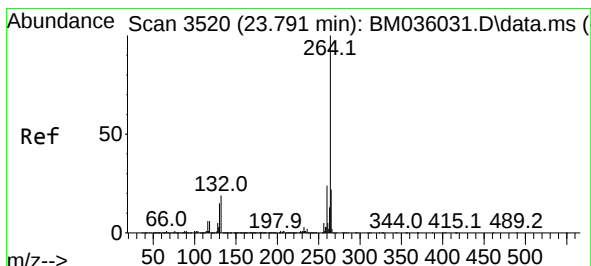
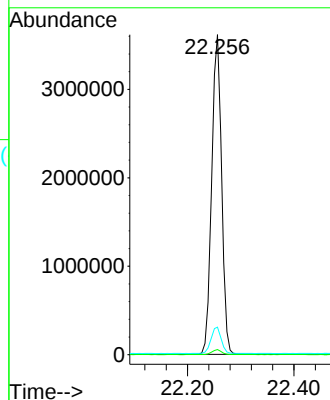
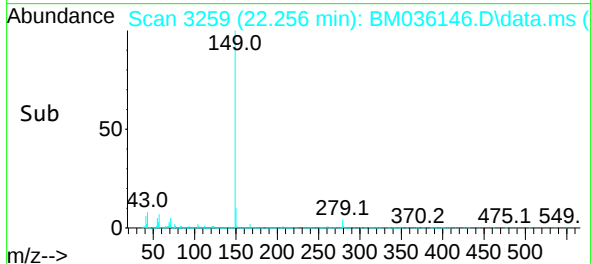
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



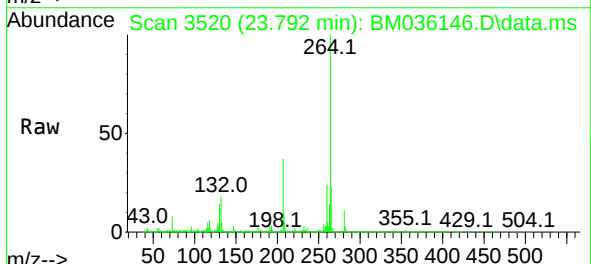
Tgt Ion:149 Resp: 465904
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.6 8.6 12.8

Manual Integrations
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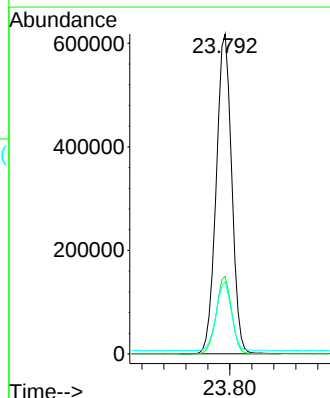
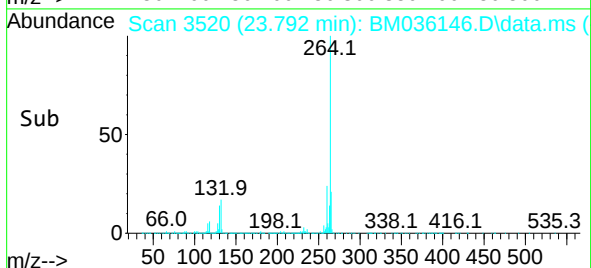
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

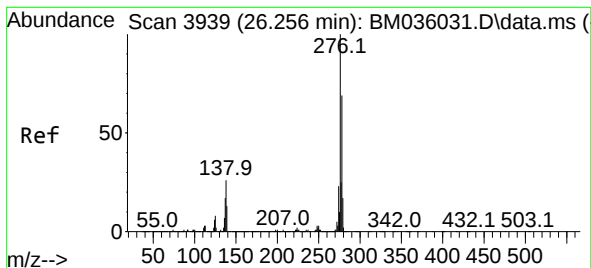


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.792 min Scan# 3520
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



Tgt Ion:264 Resp: 1207550
Ion Ratio Lower Upper
264 100
260 24.3 18.9 28.3
265 22.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.450 ng

RT: 26.250 min Scan# 3938

Delta R.T. 0.006 min

Lab File: BM036146.D

Acq: 08 Aug 2022 14:56

Instrument :

BNA_M

ClientSampleId :

P-5CMSD

Tgt Ion:276 Resp: 377204

Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.4

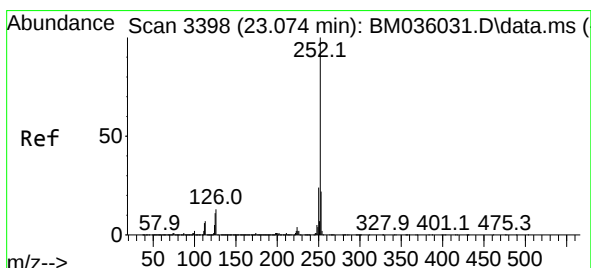
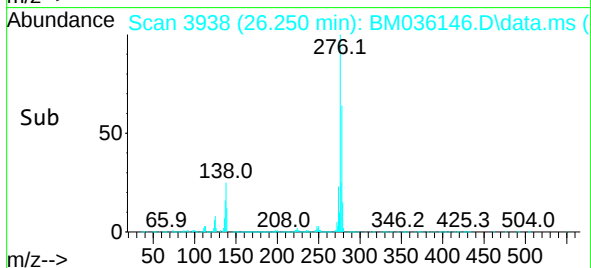
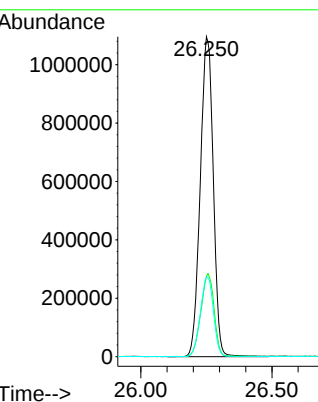
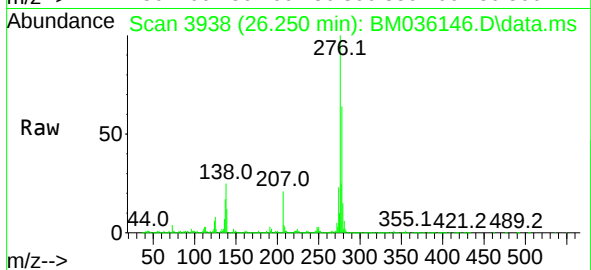
277 25.2 20.2 30.2

Manual Integrations

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Reviewed By :Christian Giraldo 08/09/2022

Supervised By :Jagrut Upadhyay 08/09/2022



#88

Benzo(b)fluoranthene

Concen: 50.719 ng

RT: 23.074 min Scan# 3398

Delta R.T. 0.006 min

Lab File: BM036146.D

Acq: 08 Aug 2022 14:56

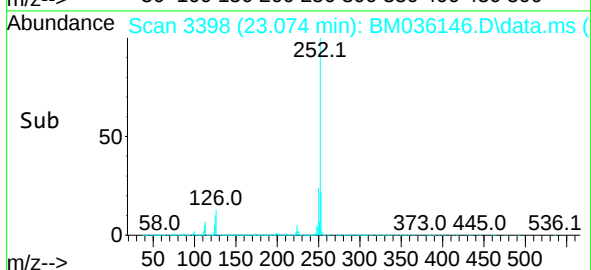
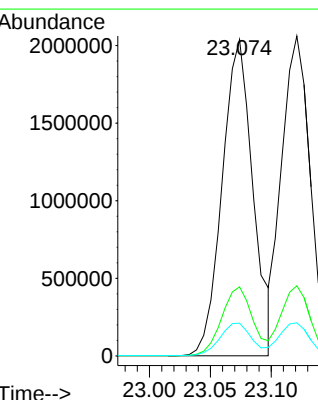
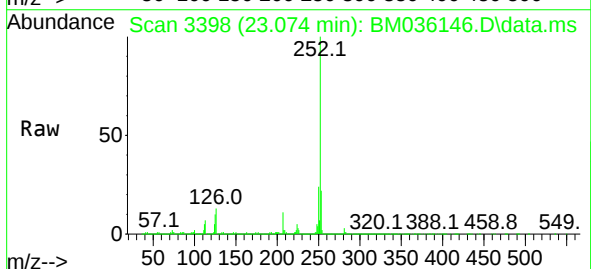
Tgt Ion:252 Resp: 3588322

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

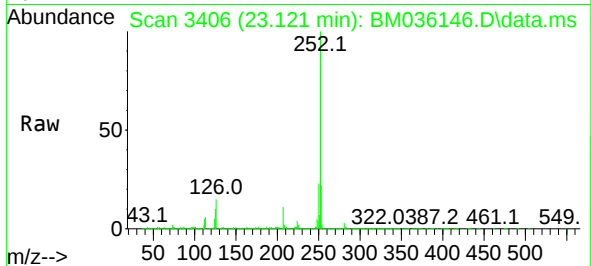
125 10.4 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 46.912 ng
RT: 23.121 min Scan# 3406
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56

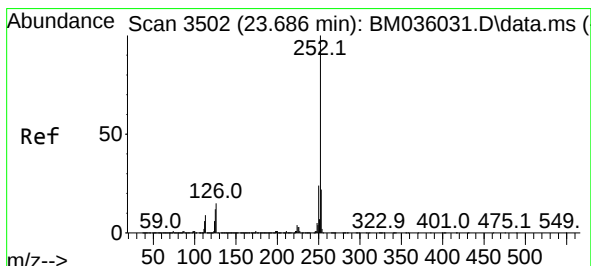
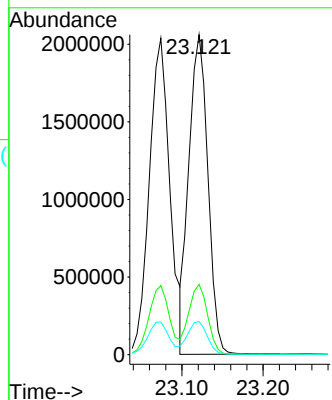
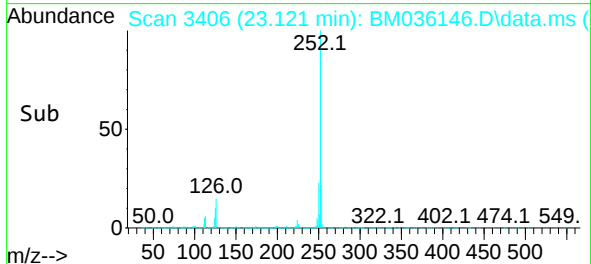
Instrument :
BNA_M
ClientSampleId :
P-5CMSD



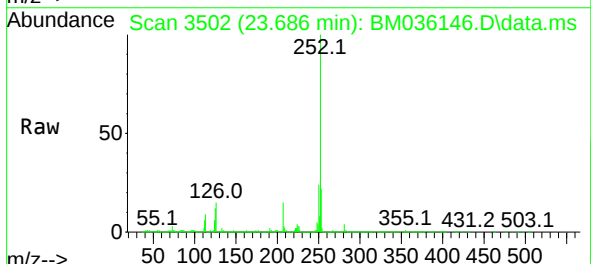
Tgt Ion:252 Resp: 335221
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.3 7.6 11.4

Manual Integrations
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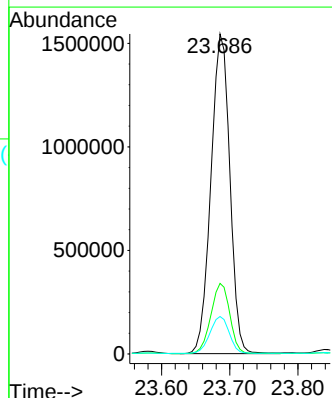
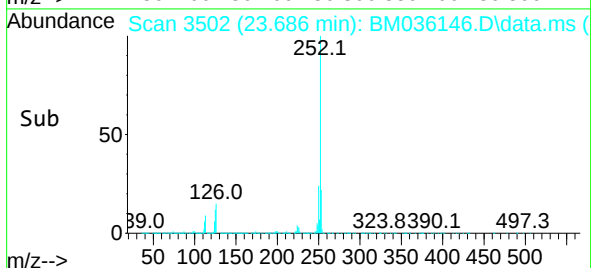
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

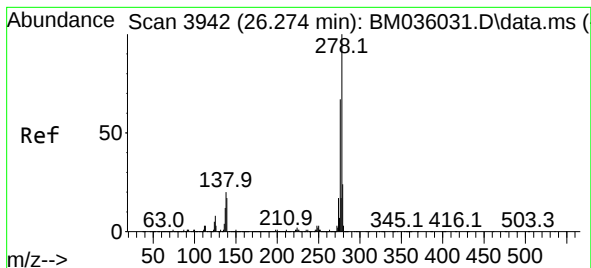


#90
Benzo(a)pyrene
Concen: 50.300 ng
RT: 23.686 min Scan# 3502
Delta R.T. 0.006 min
Lab File: BM036146.D
Acq: 08 Aug 2022 14:56



Tgt Ion:252 Resp: 2985824
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.7 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 46.423 ng

RT: 26.268 min Scan# 3941

Delta R.T. 0.006 min

Lab File: BM036146.D

Acq: 08 Aug 2022 14:56

Instrument :

BNA_M

ClientSampleId :

P-5CMSD

Tgt Ion:278 Resp: 329756

Ion Ratio Lower Upper

278 100

139 17.1 12.9 19.3

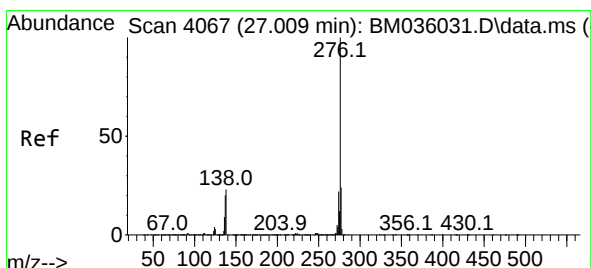
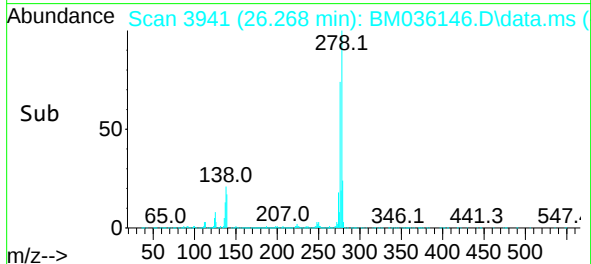
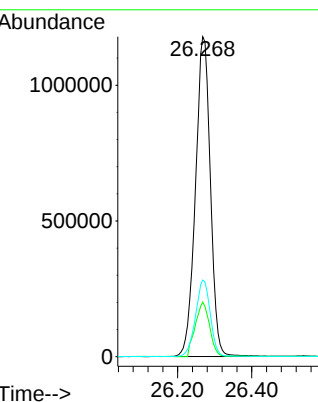
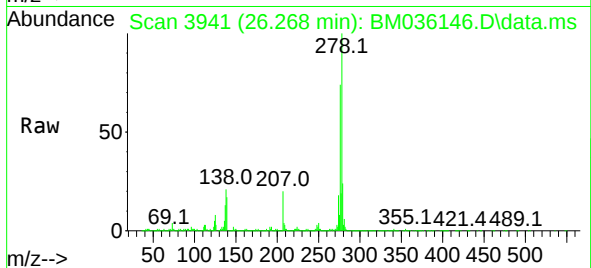
279 24.0 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/09/2022

Supervised By :Jagrut Upadhyay 08/09/2022



#92

Benzo(g,h,i)perylene

Concen: 47.713 ng

RT: 27.009 min Scan# 4067

Delta R.T. 0.012 min

Lab File: BM036146.D

Acq: 08 Aug 2022 14:56

Tgt Ion:276 Resp: 3281029

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 22.2 17.6 26.4

