

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071922\
 Data File : BM035866.D
 Acq On : 19 Jul 2022 16:02
 Operator : CG/JU
 Sample : N3214-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Quant Time: Jul 19 16:33:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 18 17:08:15 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

07/20/2022
 Supervised By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	318409	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1332104	20.000	ng	0.00
39) Acenaphthene-d10	14.527	164	762580	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	1438717	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1211204	20.000	ng	0.00
86) Perylene-d12	23.827	264	1168206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2965784	144.401	ng	0.00
7) Phenol-d6	7.063	99	3779149	146.326	ng	0.00
23) Nitrobenzene-d5	9.063	82	1922909	77.204	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	1240480	145.428	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	4304710	79.792	ng	0.00
79) Terphenyl-d14	19.898	244	5402505	86.785	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	75408	8.883	ng	94
3) Pyridine	3.728	79	195734	8.675	ng	90
4) n-Nitrosodimethylamine	3.640	42	88562	9.393	ng	# 63
6) Aniline	7.222	93	294548	10.385	ng	96
8) 2-Chlorophenol	7.457	128	194949	9.186	ng	95
9) Benzaldehyde	7.034	77	167974m	11.577	ng	
10) Phenol	7.087	94	243370	9.356	ng	92
11) bis(2-Chloroethyl)ether	7.322	93	197481	9.410	ng	95
12) 1,3-Dichlorobenzene	7.781	146	215402	9.099	ng	98
13) 1,4-Dichlorobenzene	7.928	146	222151	9.217	ng	98
14) 1,2-Dichlorobenzene	8.245	146	213544	9.160	ng	99
15) Benzyl Alcohol	8.134	79	149115	8.763	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.428	45	256418	9.385	ng	98
17) 2-Methylphenol	8.339	107	153058	9.064	ng	94
18) Hexachloroethane	8.975	117	77792	8.971	ng	94
19) n-Nitroso-di-n-propyla...	8.704	70	142790	9.536	ng	89
20) 3+4-Methylphenols	8.669	107	197187	8.640	ng	97
22) Acetophenone	8.722	105	295876	8.987	ng	# 93
24) Nitrobenzene	9.104	77	222305	9.503	ng	96
25) Isophorone	9.628	82	384202	9.861	ng	# 97
26) 2-Nitrophenol	9.816	139	81326	7.717	ng	92
27) 2,4-Dimethylphenol	9.875	122	168623	10.144	ng	98
28) bis(2-Chloroethoxy)met...	10.116	93	244912	9.031	ng	99
29) 2,4-Dichlorophenol	10.345	162	154893	8.404	ng	97
30) 1,2,4-Trichlorobenzene	10.563	180	186547	8.770	ng	99
31) Naphthalene	10.751	128	624103	9.221	ng	99
32) Benzoic acid	9.963	122	125748	10.002	ng	88
33) 4-Chloroaniline	10.863	127	255105	9.422	ng	96
34) Hexachlorobutadiene	11.039	225	104726	8.579	ng	98
35) Caprolactam	11.628	113	43985	7.804	ng	95
36) 4-Chloro-3-methylphenol	11.986	107	162463	8.597	ng	99
37) 2-Methylnaphthalene	12.363	142	406418	9.230	ng	96
38) 1-Methylnaphthalene	12.580	142	397399	9.273	ng	96
40) 1,2,4,5-Tetrachloroben...	12.722	216	192084	8.816	ng	99
41) Hexachlorocyclopentadiene	12.704	237	114579	9.757	ng	98
43) 2,4,6-Trichlorophenol	12.963	196	114717	7.966	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	121794	8.021	ng	98
46) 1,1'-Biphenyl	13.369	154	526606	9.078	ng	99
47) 2-Chloronaphthalene	13.410	162	399486	8.960	ng	99
48) 2-Nitroaniline	13.616	65	96175	7.828	ng	94
49) Acenaphthylene	14.251	152	650814	9.479	ng	99
50) Dimethylphthalate	13.992	163	436722	8.701	ng	100
51) 2,6-Dinitrotoluene	14.110	165	90810	8.652	ng	96
52) Acenaphthene	14.592	154	369874	8.993	ng	99
53) 3-Nitroaniline	14.433	138	101608	8.041	ng	100
54) 2,4-Dinitrophenol	14.639	184	39538	7.645	ng	91
55) Dibenzofuran	14.927	168	590175	8.957	ng	98
56) 4-Nitrophenol	14.733	139	75429	7.607	ng	89
57) 2,4-Dinitrotoluene	14.892	165	109444	7.968	ng	95
58) Fluorene	15.574	166	461791	8.926	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	96269	7.887	ng	98
60) Diethylphthalate	15.357	149	429616	8.638	ng	99
61) 4-Chlorophenyl-phenyle...	15.574	204	221562	8.802	ng	96
62) 4-Nitroaniline	15.592	138	100513	7.768	ng	90
63) Azobenzene	15.863	77	439838	8.613	ng	94
65) 4,6-Dinitro-2-methylph...	15.651	198	54817	7.588	ng	97
66) n-Nitrosodiphenylamine	15.786	169	378074	8.949	ng	99
67) 4-Bromophenyl-phenylether	16.462	248	123036	8.507	ng	98
68) Hexachlorobenzene	16.568	284	150030	8.936	ng	94
69) Atrazine	16.733	200	110137	9.921	ng	99
70) Pentachlorophenol	16.915	266	92430	9.921	ng	96
71) Phenanthrene	17.309	178	683432	9.030	ng	99
72) Anthracene	17.404	178	671423	9.127	ng	100
73) Carbazole	17.674	167	621776	8.332	ng	99
74) Di-n-butylphthalate	18.245	149	596892	7.856	ng	99
75) Fluoranthene	19.321	202	698829	8.495	ng	98
77) Benzidine	19.515	184	259147	12.186	ng	99
78) Pyrene	19.686	202	731686	9.239	ng	99
80) Butylbenzylphthalate	20.592	149	200900	7.106	ng	97
81) Benzo(a)anthracene	21.433	228	677384	8.835	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	210320	11.711	ng	98
83) Chrysene	21.486	228	640289	8.752	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	294687	7.395	ng	100
85) Di-n-octyl phthalate	22.297	149	442514	7.000	ng	98
87) Indeno(1,2,3-cd)pyrene	26.297	276	694459	8.136	ng	98
88) Benzo(b)fluoranthene	23.097	252	629125	9.047	ng	98
89) Benzo(k)fluoranthene	23.144	252	653821	9.086	ng	98
90) Benzo(a)pyrene	23.715	252	602790	10.184	ng	98
91) Dibenzo(a,h)anthracene	26.315	278	617436	8.705	ng	98
92) Benzo(g,h,i)perylene	27.056	276	616189	8.809	ng	99

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

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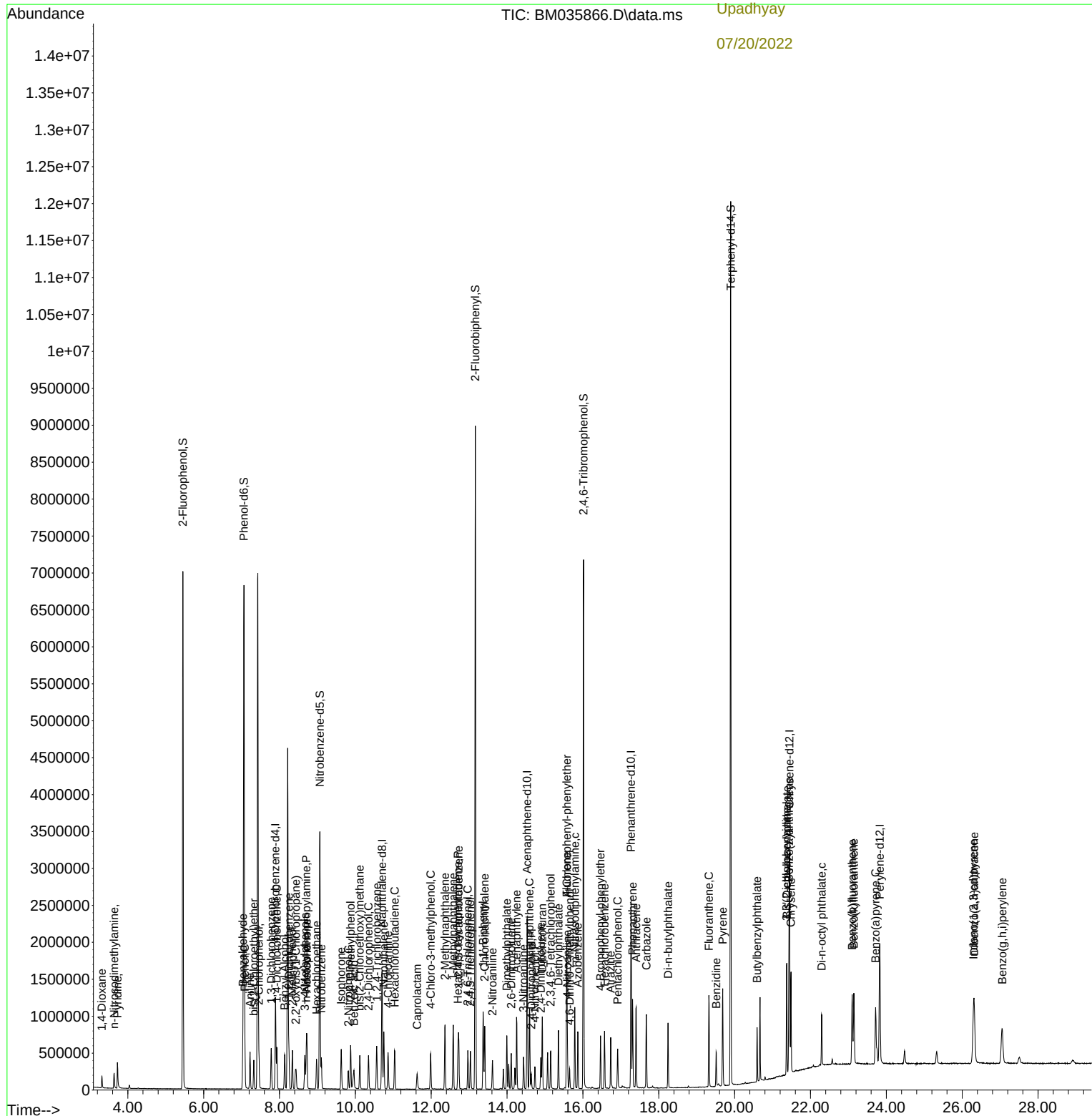
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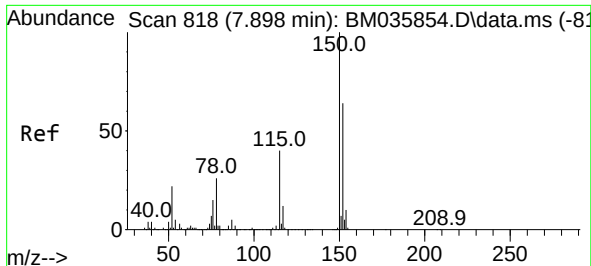
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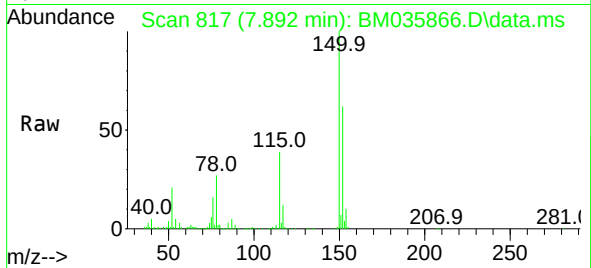
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2022



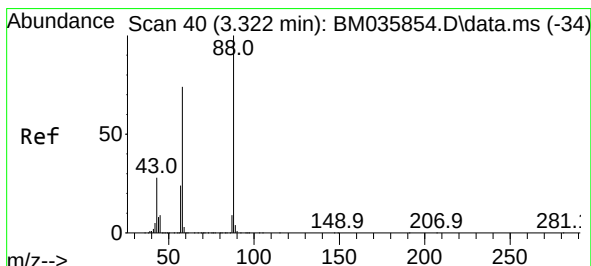
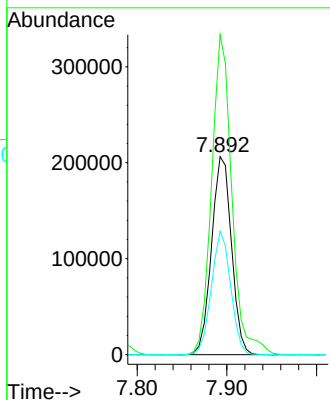
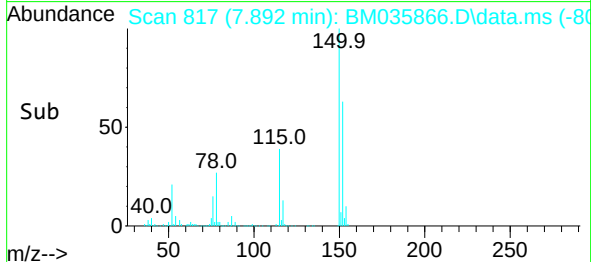
Tgt Ion:152 Resp: 318409
Ion Ratio Lower Upper
152 100
150 161.5 124.9 187.3
115 62.3 47.9 71.9

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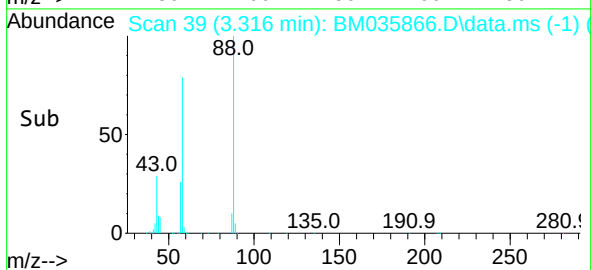
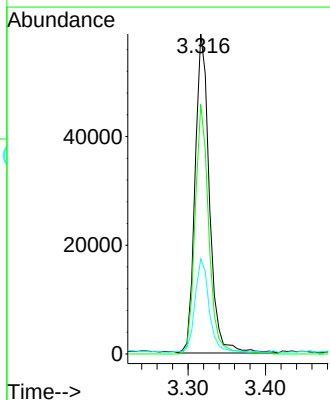
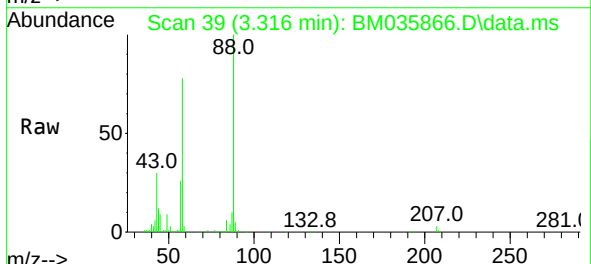
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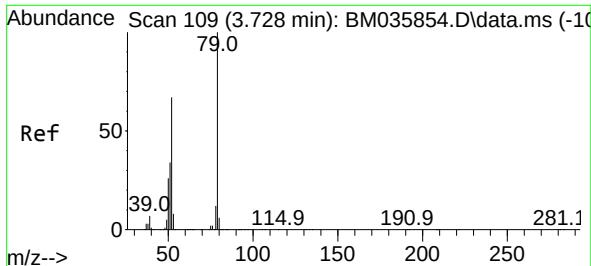
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#2
1,4-Dioxane
Concen: 8.883 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

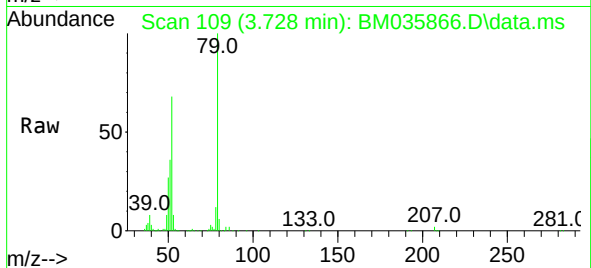
Tgt Ion: 88 Resp: 75408
Ion Ratio Lower Upper
88 100
58 74.7 62.3 93.5
43 28.8 28.7 43.1





#3
Pyridine
Concen: 8.675 ng
RT: 3.728 min Scan# 109
Delta R.T. 0.000 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
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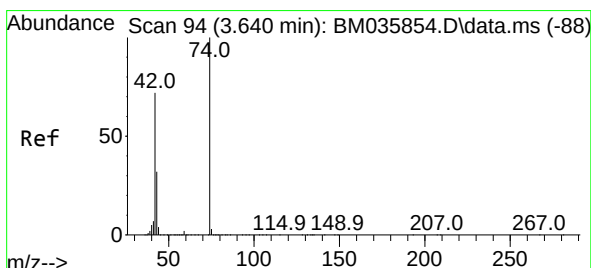
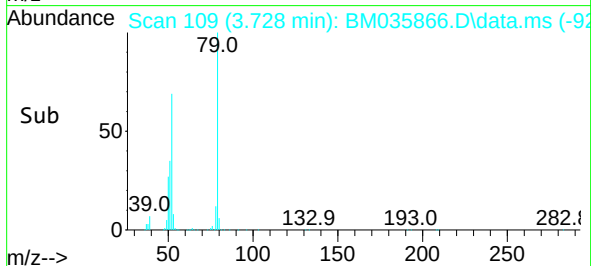
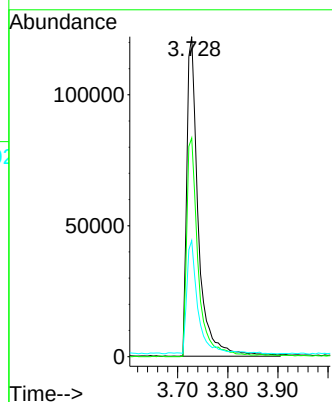
Tgt Ion: 79 Resp: 195734
Ion Ratio Lower Upper
79 100
52 68.3 61.9 92.9
51 36.3 33.5 50.3

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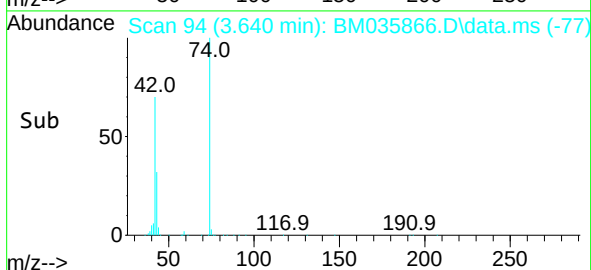
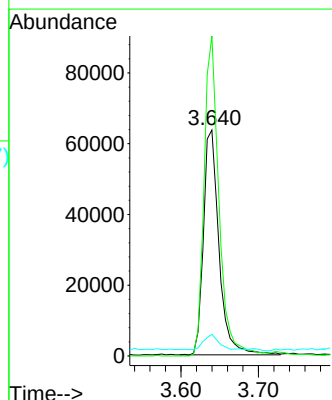
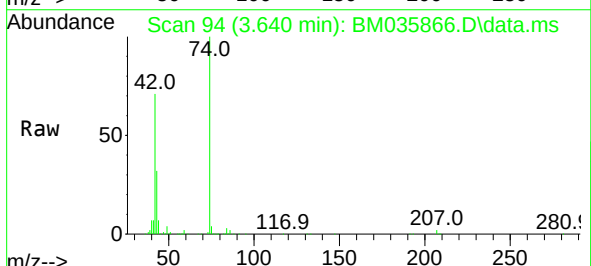
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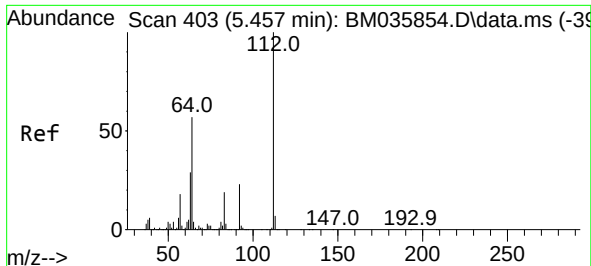
07/20/2022



#4
n-Nitrosodimethylamine
Concen: 9.393 ng
RT: 3.640 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

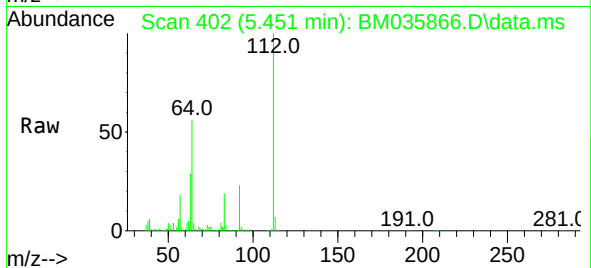
Tgt Ion: 42 Resp: 88562
Ion Ratio Lower Upper
42 100
74 141.6 81.6 122.4#
44 9.5 5.2 7.8#





#5
2-Fluorophenol
Concen: 144.401 ng
RT: 5.451 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2022



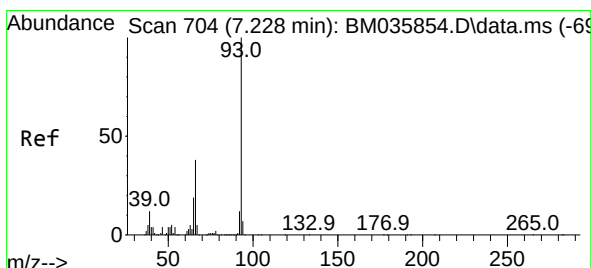
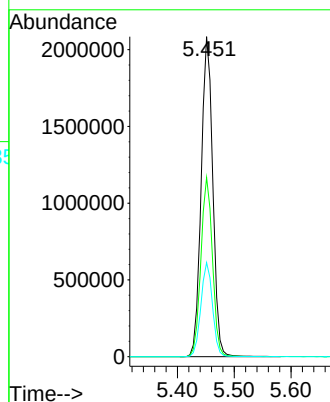
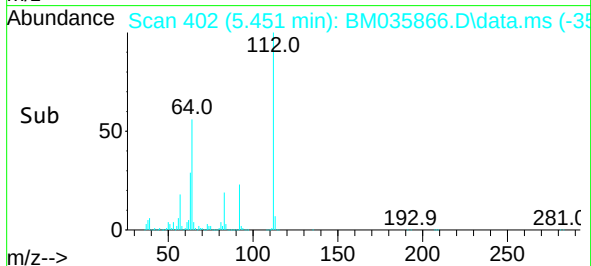
Tgt Ion:112 Resp: 2965784
Ion Ratio Lower Upper
112 100
64 56.0 47.8 71.6
63 29.4 26.6 40.0

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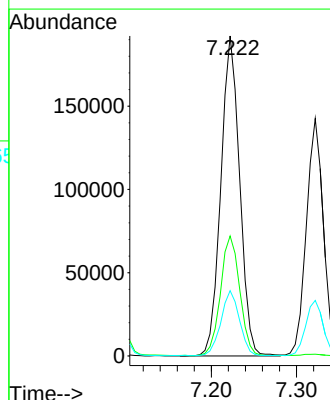
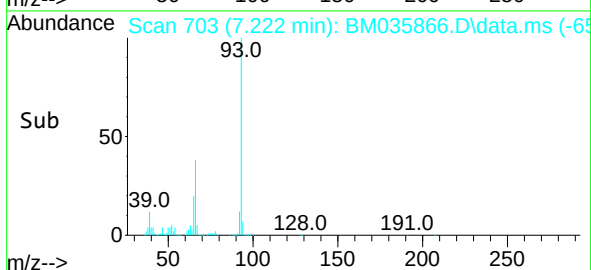
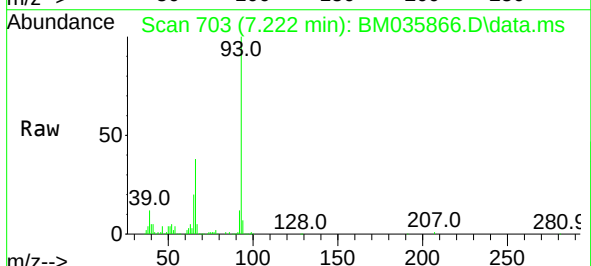
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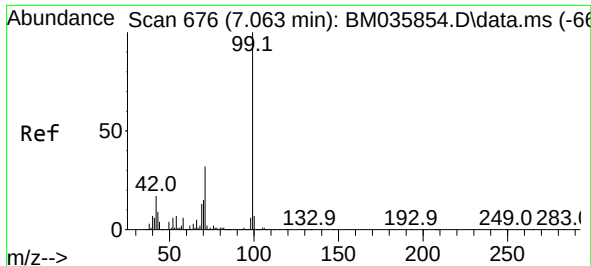
07/20/2022



#6
Aniline
Concen: 10.385 ng
RT: 7.222 min Scan# 703
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

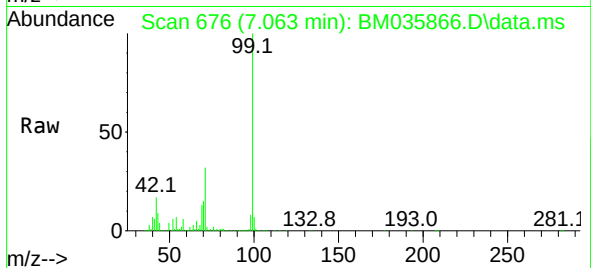
Tgt Ion: 93 Resp: 294548
Ion Ratio Lower Upper
93 100
66 37.5 32.6 49.0
65 20.4 16.8 25.2





#7
Phenol-d6
Concen: 146.326 ng
RT: 7.063 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035866.D
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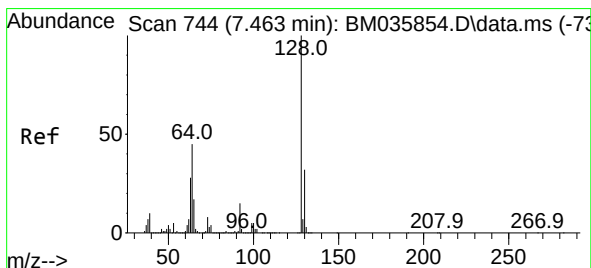
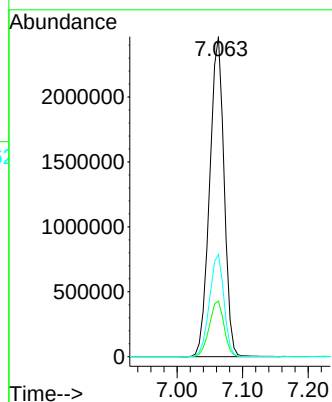
Tgt Ion: 99 Resp: 3779149
Ion Ratio Lower Upper
99 100
42 17.4 18.8 28.2
71 32.0 30.2 45.2

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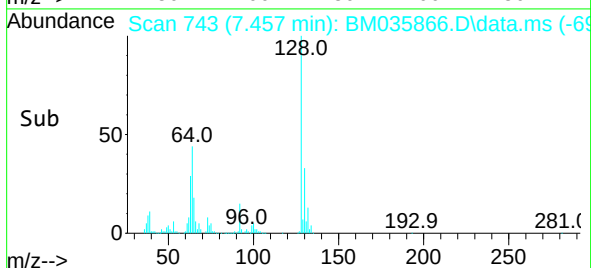
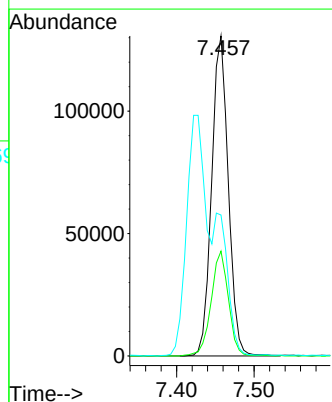
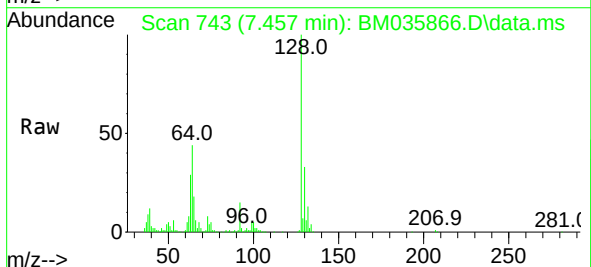
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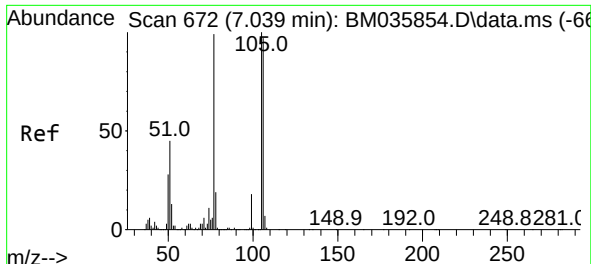
07/20/2022



#8
2-Chlorophenol
Concen: 9.186 ng
RT: 7.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

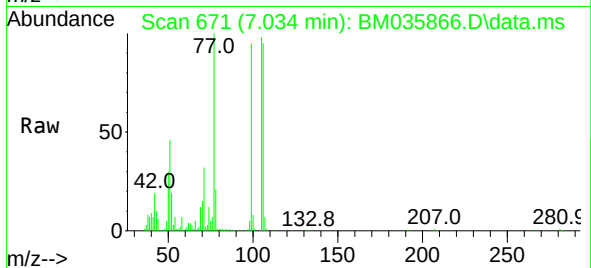
Tgt Ion:128 Resp: 194949
Ion Ratio Lower Upper
128 100
130 32.8 10.9 50.9
64 44.0 28.2 68.2





#9
Benzaldehyde
Concen: 11.577 ng m
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035866.D
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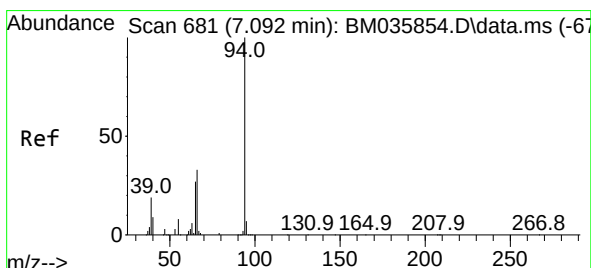
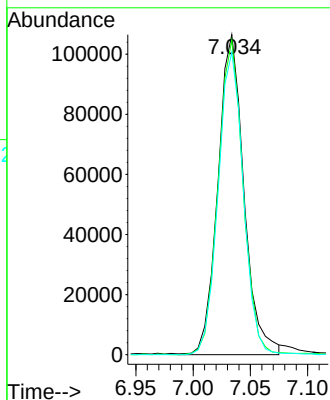
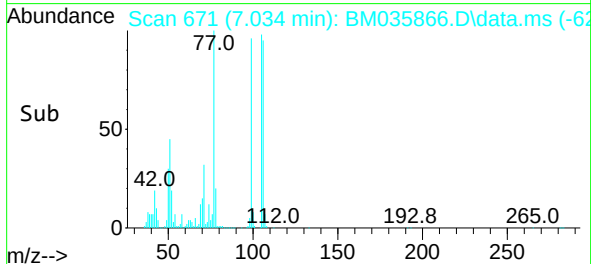
Tgt Ion: 77 Resp: 167974
Ion Ratio Lower Upper
77 100
105 98.3 76.3 116.3
106 94.5 69.0 109.0

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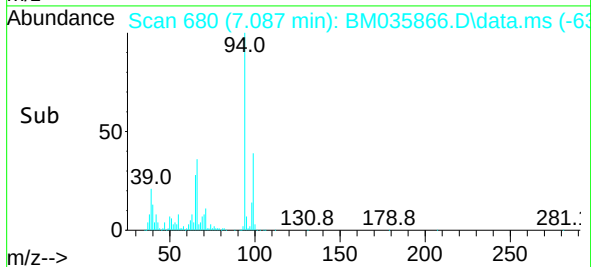
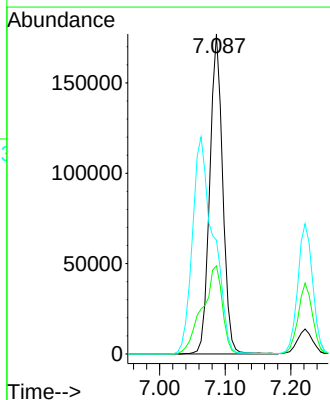
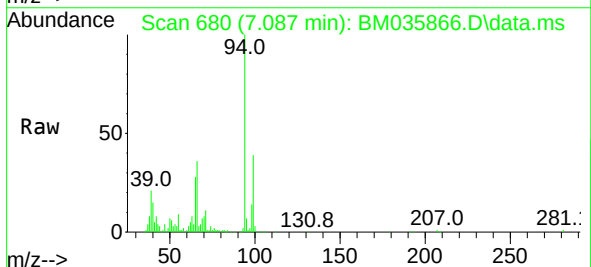
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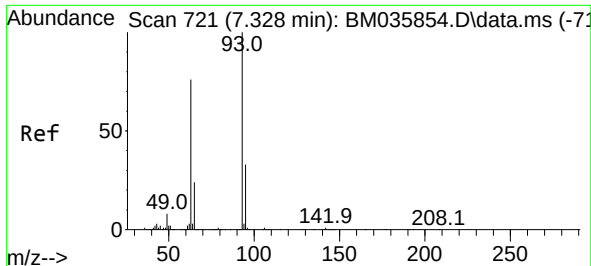
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#10
Phenol
Concen: 9.356 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

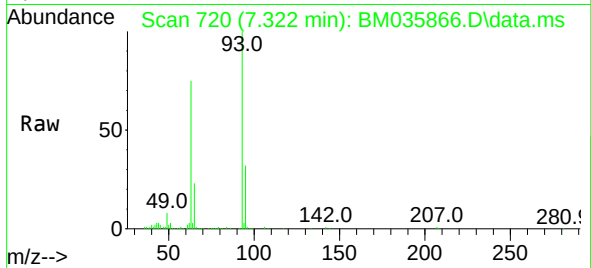
Tgt Ion: 94 Resp: 243370
Ion Ratio Lower Upper
94 100
65 27.5 11.4 51.4
66 35.6 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 9.410 ng
RT: 7.322 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



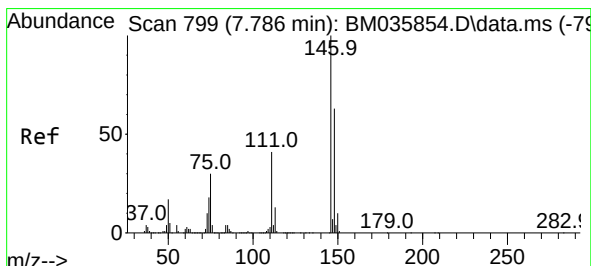
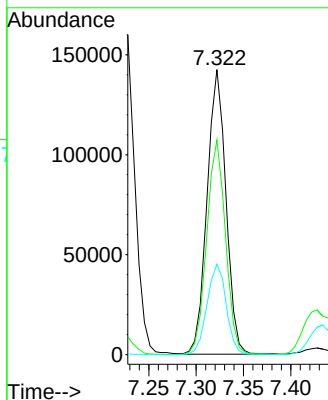
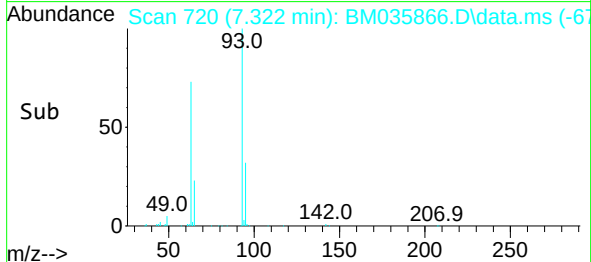
Tgt Ion: 93 Resp: 19748
Ion Ratio Lower Upper
93 100
63 75.3 60.6 100.6
95 31.7 13.2 53.2

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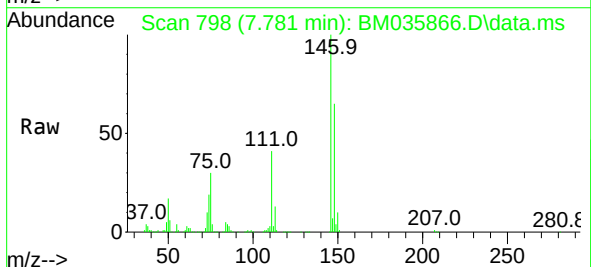
Reviewed By :Christian
Giraldo

07/20/2022
Supervised By :Jagrut
Upadhyay

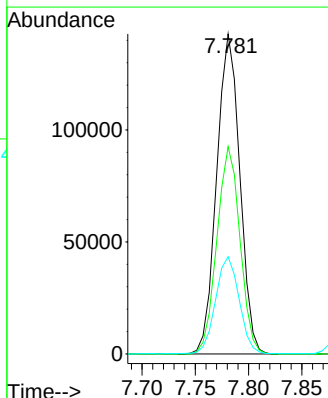
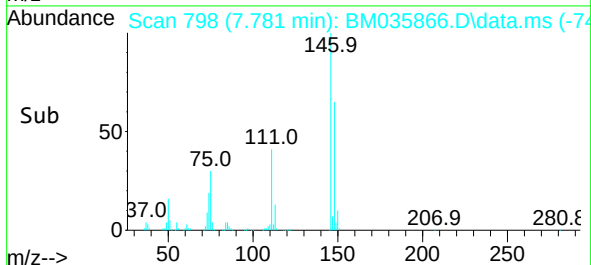
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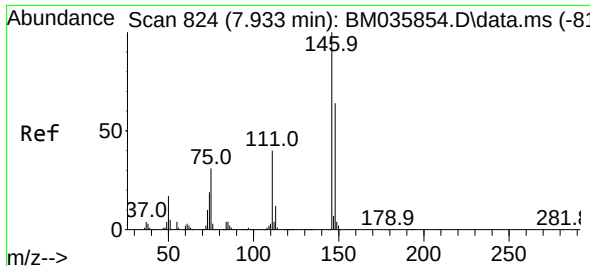


#12
1,3-Dichlorobenzene
Concen: 9.099 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02



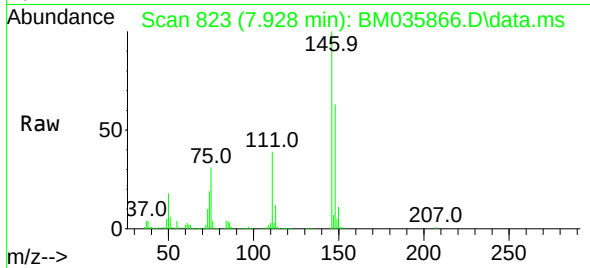
Tgt Ion:146 Resp: 215402
Ion Ratio Lower Upper
146 100
148 64.8 50.7 76.1
75 30.4 26.1 39.1





#13
1,4-Dichlorobenzene
Concen: 9.217 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



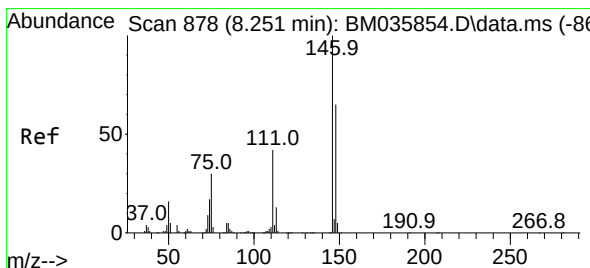
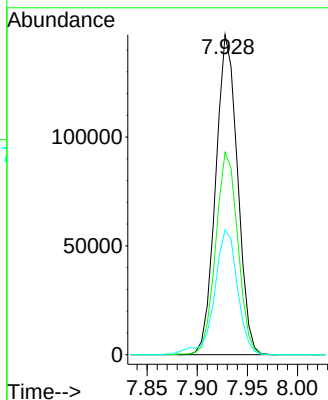
Tgt Ion:146 Resp: 22215
Ion Ratio Lower Upper
146 100
148 63.2 51.5 77.3
111 39.1 32.5 48.7

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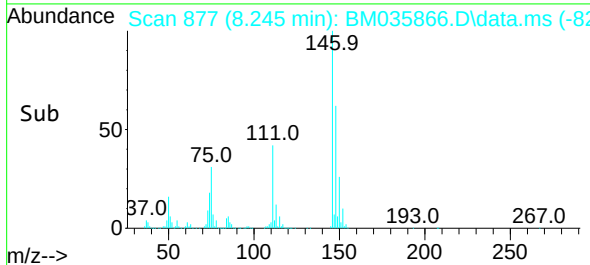
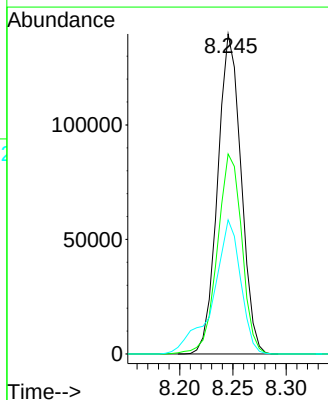
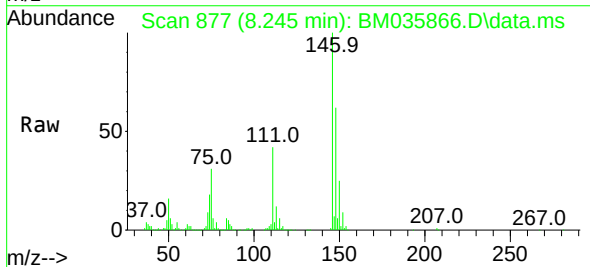
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Supervised By :Jagrut
Upadhyay

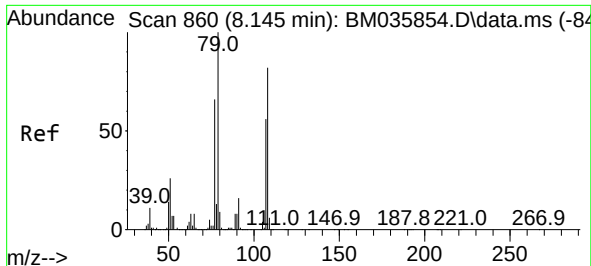
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#14
1,2-Dichlorobenzene
Concen: 9.160 ng
RT: 8.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

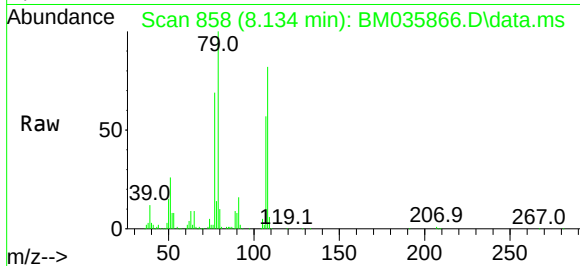
Tgt Ion:146 Resp: 213544
Ion Ratio Lower Upper
146 100
148 62.5 50.7 76.1
111 41.9 33.9 50.9





#15
Benzyl Alcohol
Concen: 8.763 ng
RT: 8.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



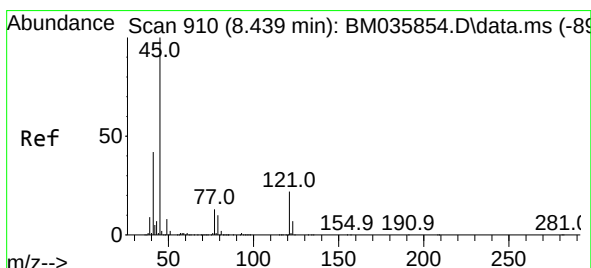
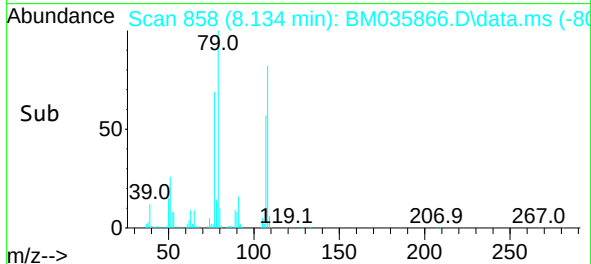
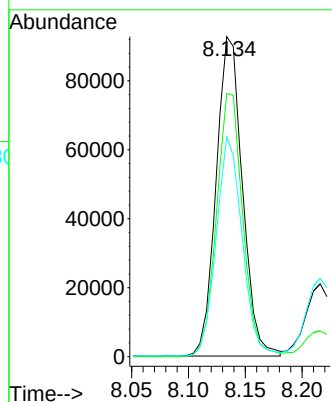
Tgt Ion: 79 Resp: 14911
Ion Ratio Lower Upper
79 100
108 82.2 59.0 88.4
77 68.7 52.2 78.4

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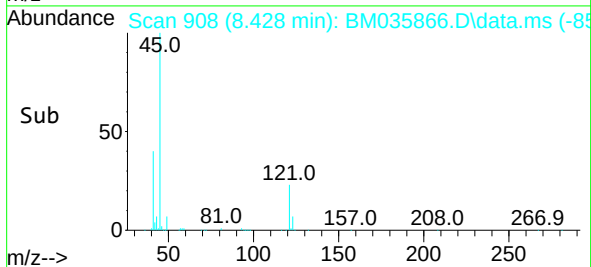
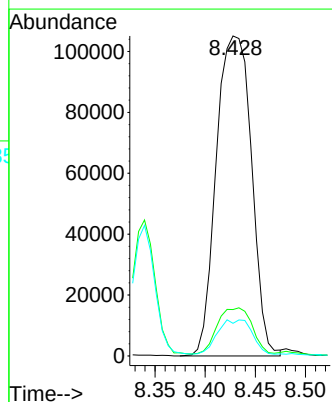
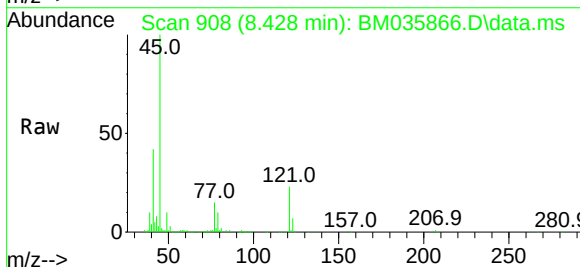
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Upadhyay

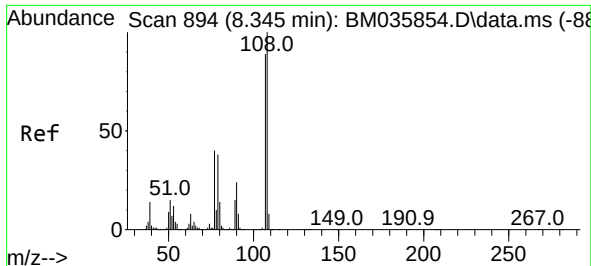
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.385 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

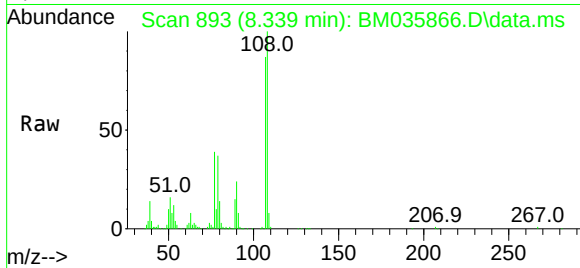
Tgt Ion: 45 Resp: 256418
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.1
79 10.2 0.0 30.5





#17
2-Methylphenol
Concen: 9.064 ng
RT: 8.339 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



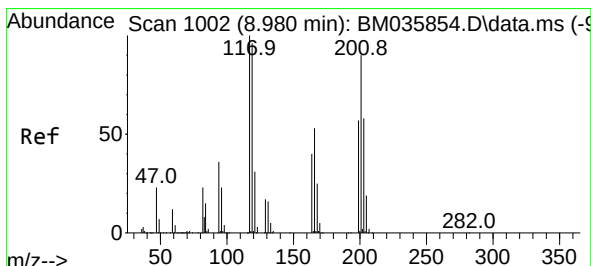
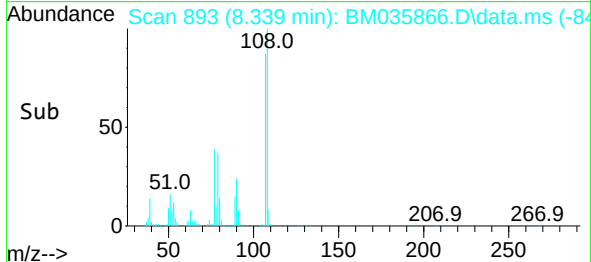
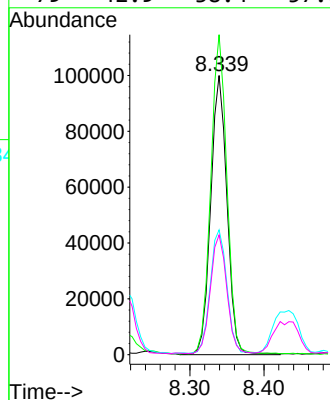
Tgt Ion:107 Resp: 153058
Ion Ratio Lower Upper
107 100
108 114.6 88.7 133.1
77 44.7 40.6 60.8
79 42.9 38.4 57.6

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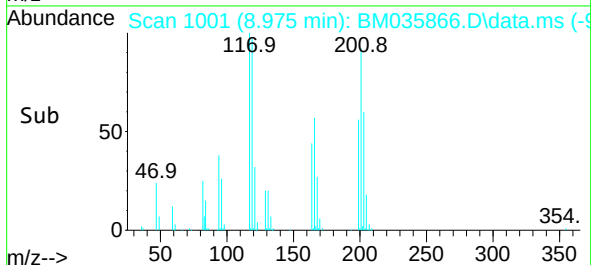
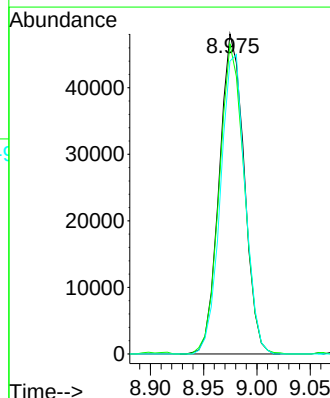
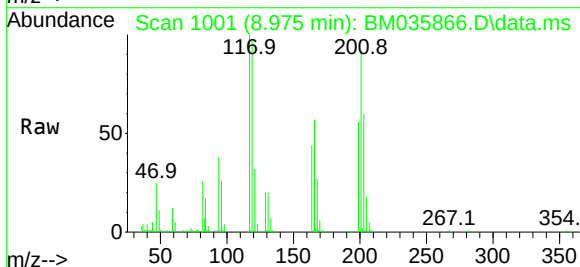
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Supervised By :Jagrut
Upadhyay

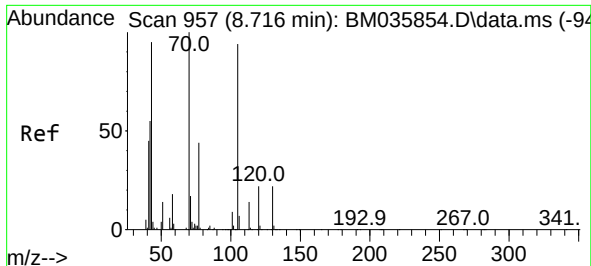
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#18
Hexachloroethane
Concen: 8.971 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

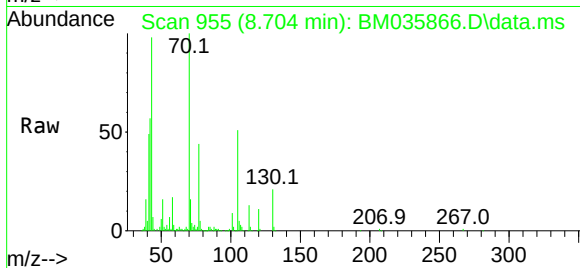
Tgt Ion:117 Resp: 77792
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.6
201 91.5 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 9.536 ng
RT: 8.704 min Scan# 911
Delta R.T. -0.012 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



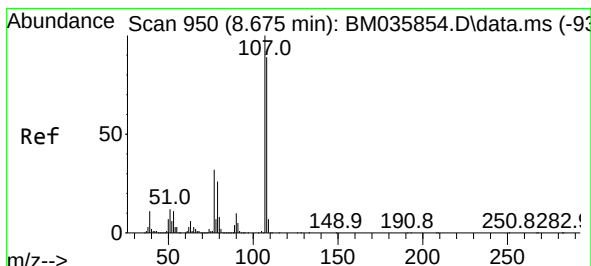
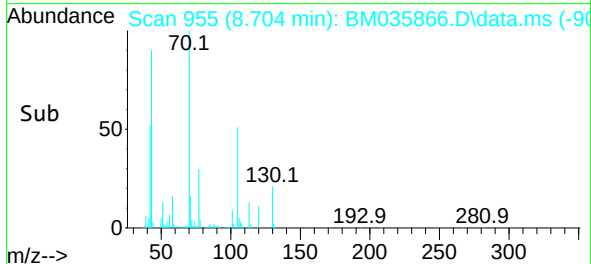
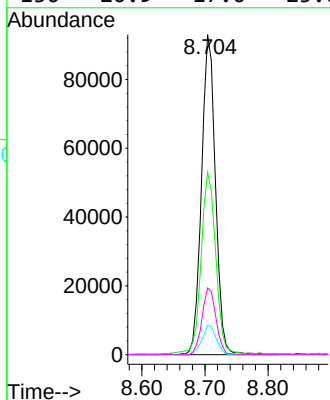
Tgt Ion: 70 Resp: 142790
Ion Ratio Lower Upper
70 100
42 57.0 55.4 83.2
101 9.3 7.8 11.6
130 20.9 17.0 25.6

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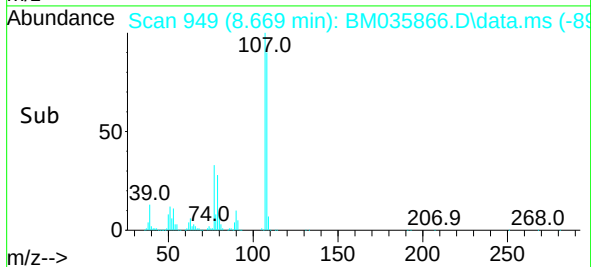
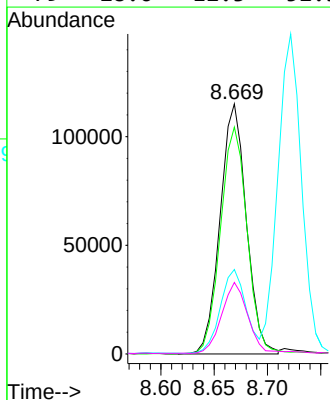
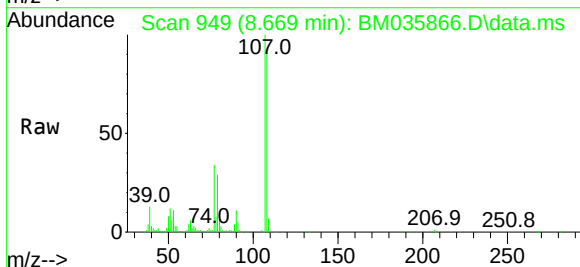
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Supervised By :Jagrut
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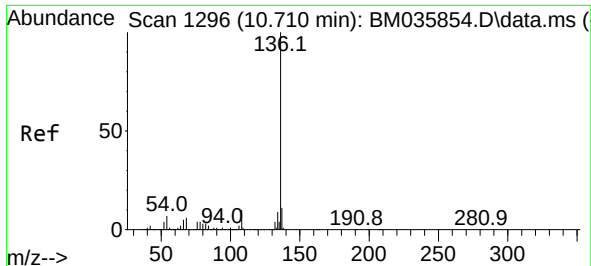
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#20
3+4-Methylphenols
Concen: 8.640 ng
RT: 8.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

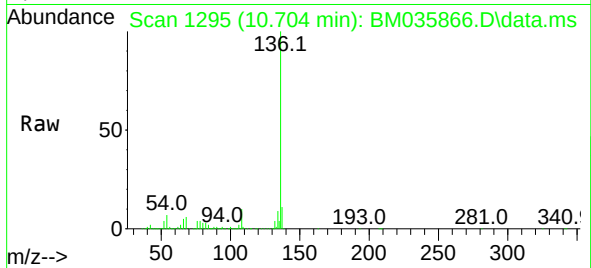
Tgt Ion:107 Resp: 197187
Ion Ratio Lower Upper
107 100
108 90.7 69.3 109.3
77 33.8 15.8 55.8
79 28.6 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument : BNA_M
ClientSampleId : LOQ-SOIL-02-QT2-2022



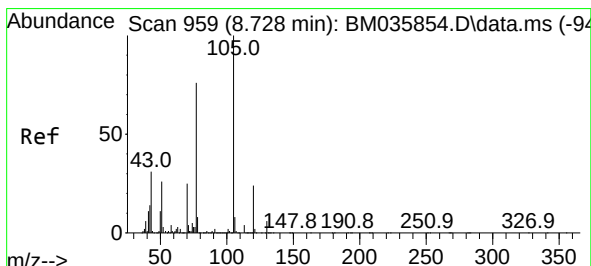
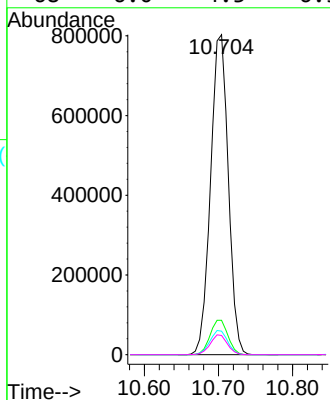
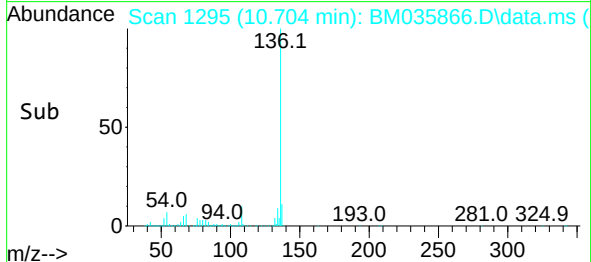
Tgt Ion:136 Resp: 1332104
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.3 7.0 10.4
68 6.0 4.3 6.5

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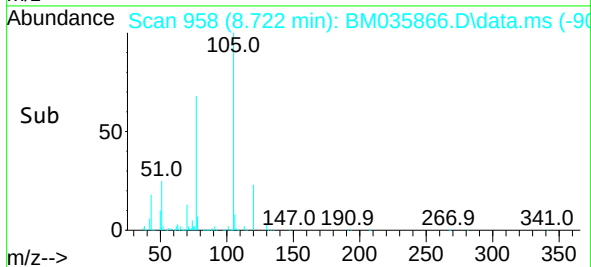
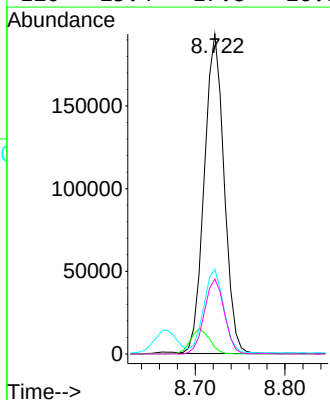
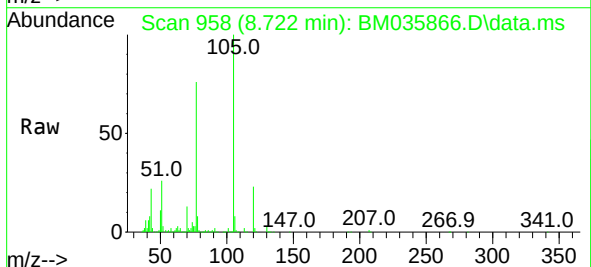
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Supervised By :Jagrut
Upadhyay

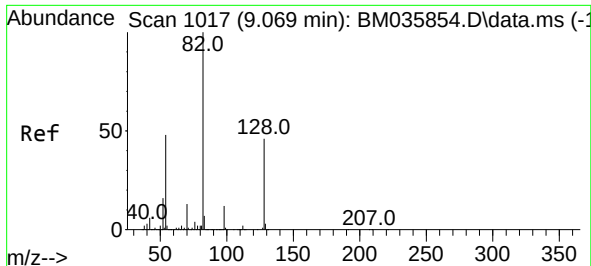
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#22
Acetophenone
Concen: 8.987 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

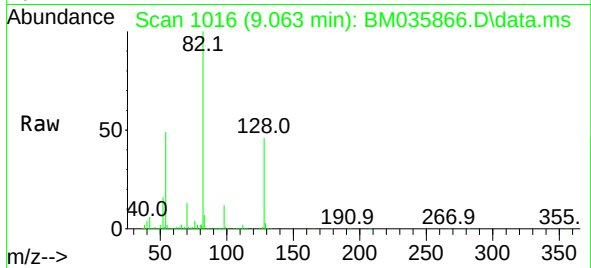
Tgt Ion:105 Resp: 295876
Ion Ratio Lower Upper
105 100
71 2.1 5.0 7.4#
51 26.4 25.6 38.4
120 23.4 17.8 26.8





#23
Nitrobenzene-d5
Concen: 77.204 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



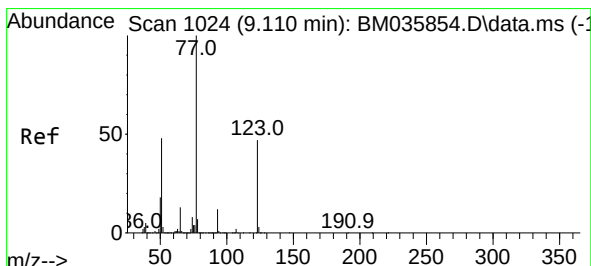
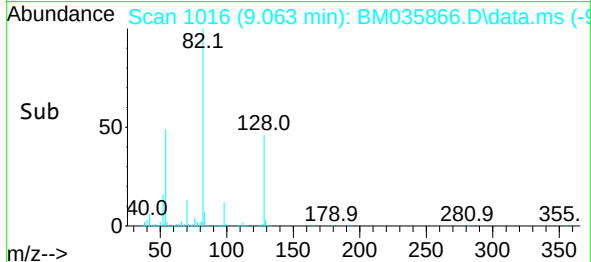
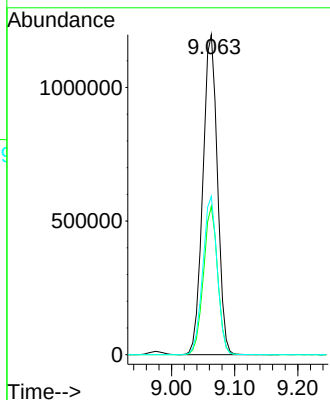
Tgt Ion: 82 Resp: 1922905
Ion Ratio Lower Upper
82 100
128 46.3 33.7 50.5
54 49.5 43.2 64.8

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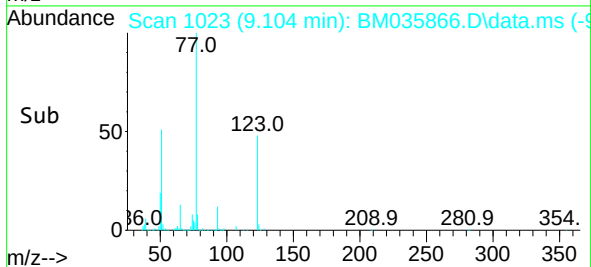
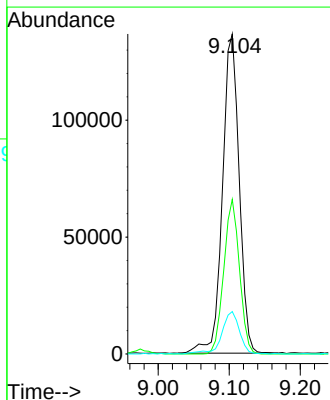
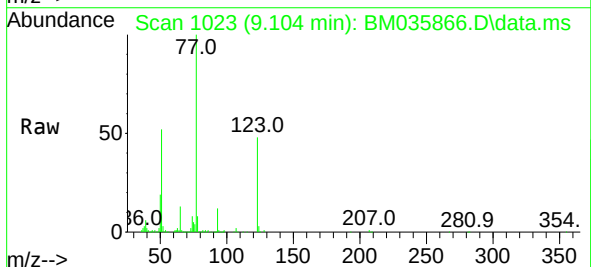
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Supervised By :Jagrut
Upadhyay

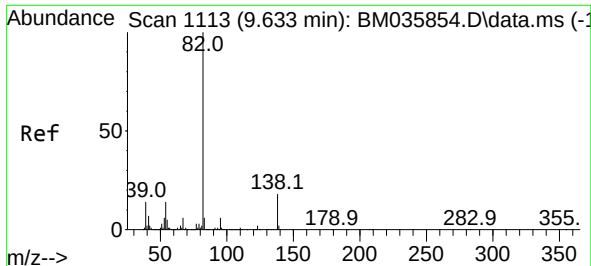
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#24
Nitrobenzene
Concen: 9.503 ng
RT: 9.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

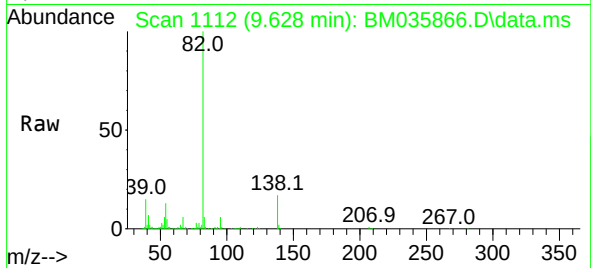
Tgt Ion: 77 Resp: 222305
Ion Ratio Lower Upper
77 100
123 48.3 36.2 54.4
65 13.3 11.4 17.0





#25
Isophorone
Concen: 9.861 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



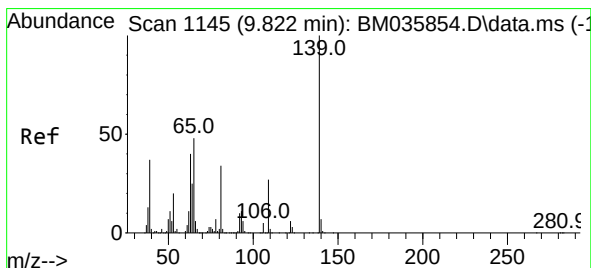
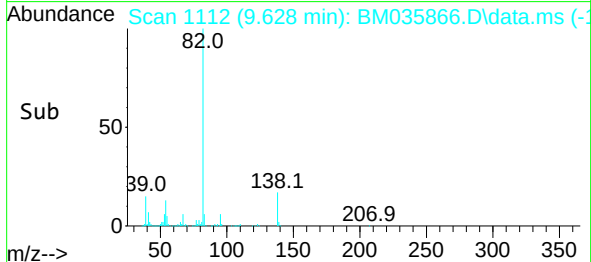
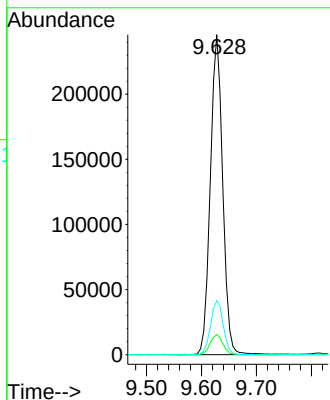
Tgt Ion: 82 Resp: 38420
Ion Ratio Lower Upper
82 100
95 6.3 6.4 9.6
138 16.9 14.2 21.4

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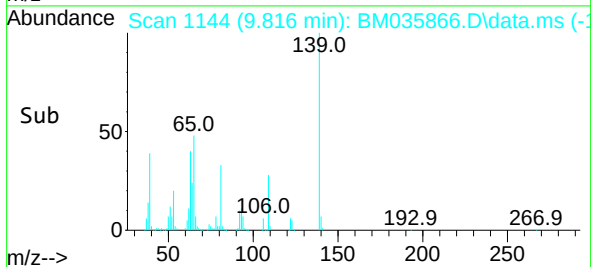
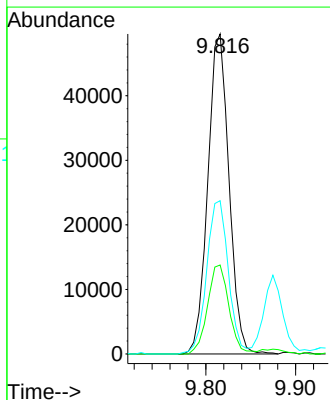
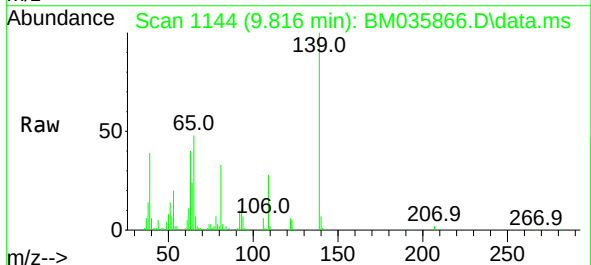
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Supervised By :Jagrut
Upadhyay

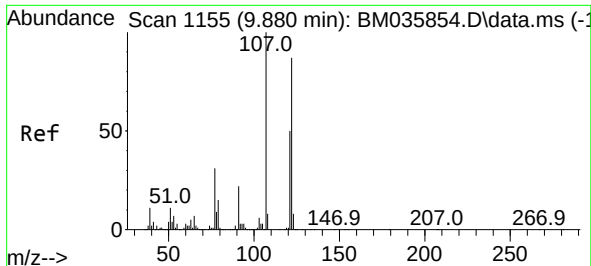
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#26
2-Nitrophenol
Concen: 7.717 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

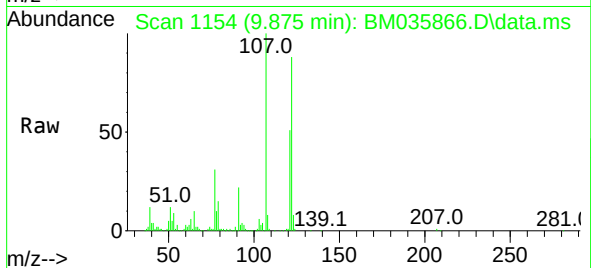
Tgt Ion:139 Resp: 81326
Ion Ratio Lower Upper
139 100
109 27.8 25.6 38.4
65 47.9 43.2 64.8





#27
2,4-Dimethylphenol
Concen: 10.144 ng
RT: 9.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



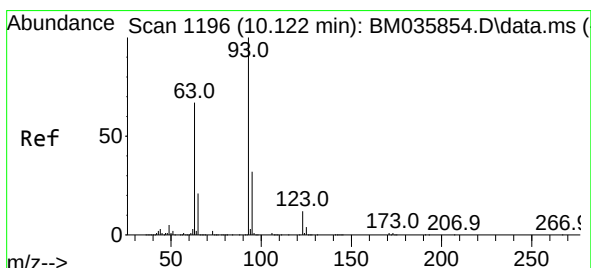
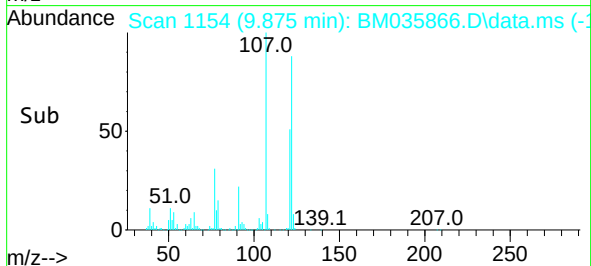
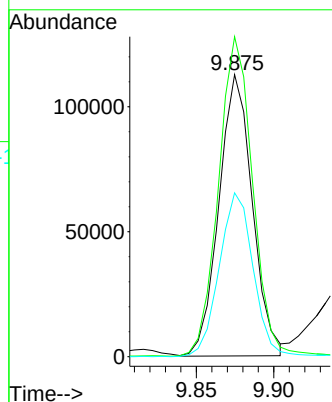
Tgt Ion:122 Resp: 16862
Ion Ratio Lower Upper
122 100
107 113.4 92.4 138.6
121 58.1 47.4 71.0

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Reviewed By :Christian
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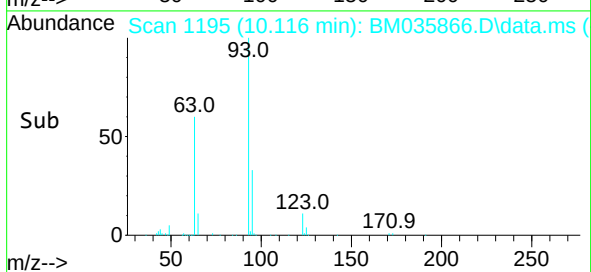
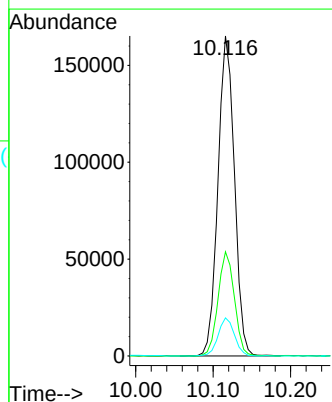
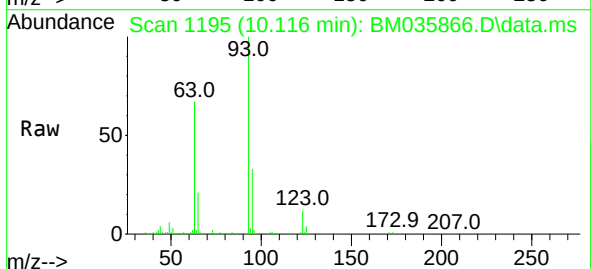
07/20/2022
Supervised By :Jagrut
Upadhyay

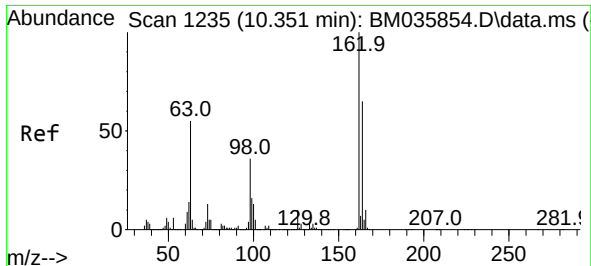
07/20/2022



#28
bis(2-Chloroethoxy)methane
Concen: 9.031 ng
RT: 10.116 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

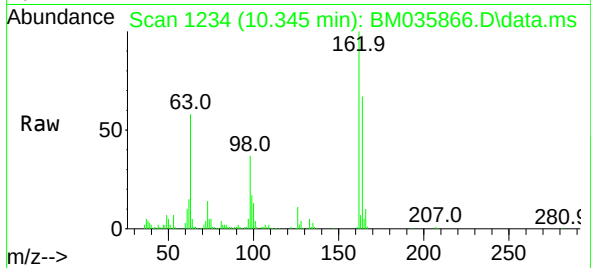
Tgt Ion: 93 Resp: 244912
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.9 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 8.404 ng
RT: 10.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



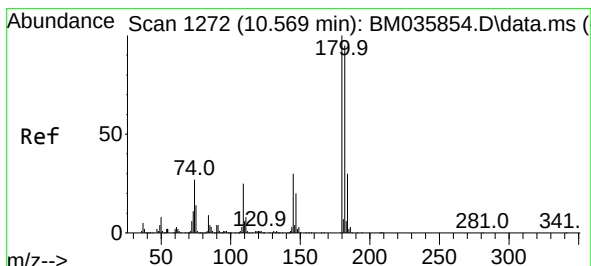
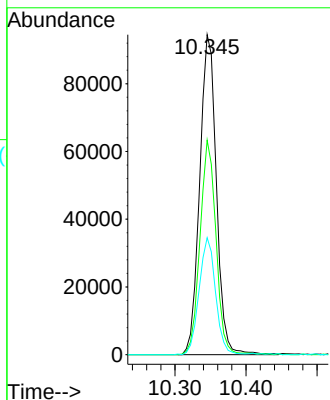
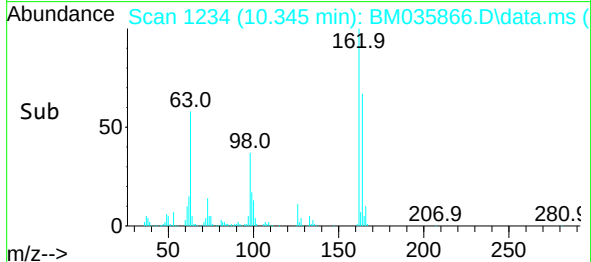
Tgt Ion:162 Resp: 15489
Ion Ratio Lower Upper
162 100
164 67.0 44.2 84.2
98 36.6 15.0 55.0

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Reviewed By :Christian
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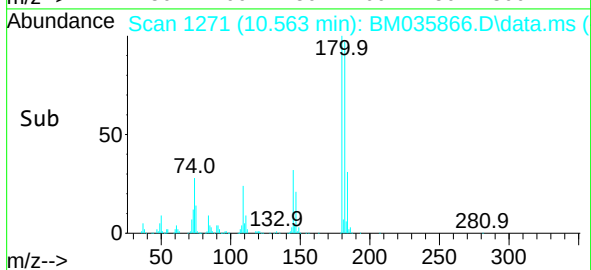
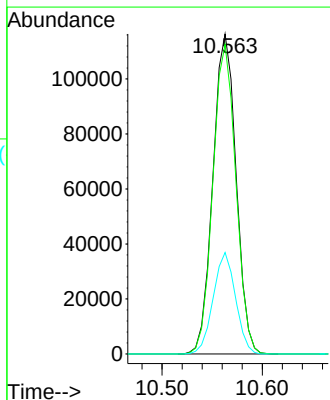
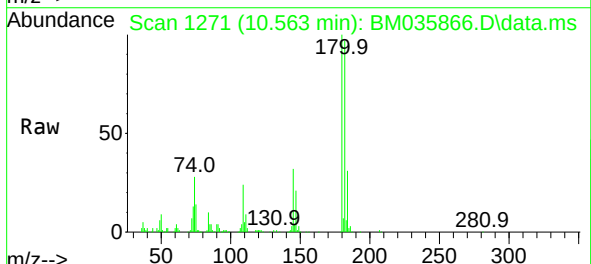
07/20/2022
Supervised By :Jagrut
Upadhyay

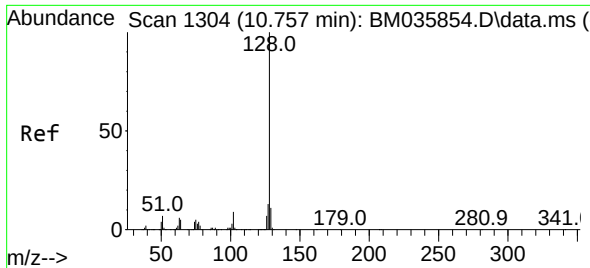
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#30
1,2,4-Trichlorobenzene
Concen: 8.770 ng
RT: 10.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

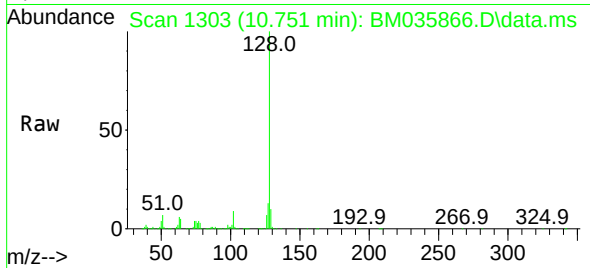
Tgt Ion:180 Resp: 186547
Ion Ratio Lower Upper
180 100
182 96.7 77.9 116.9
145 31.7 25.0 37.6





#31
Naphthalene
Concen: 9.221 ng
RT: 10.751 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



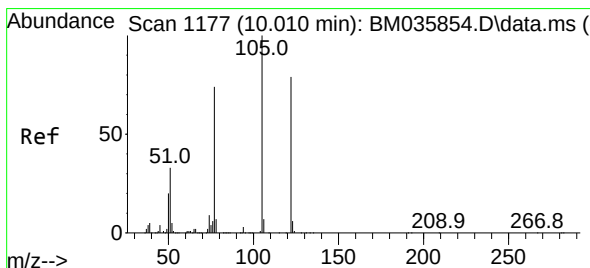
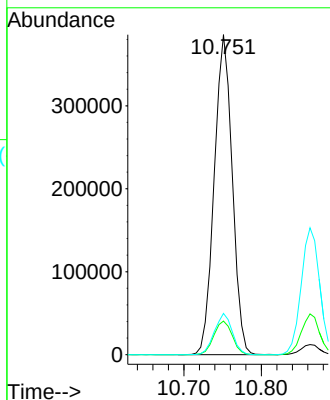
Tgt Ion:128 Resp: 62410
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 12.9 10.6 16.0

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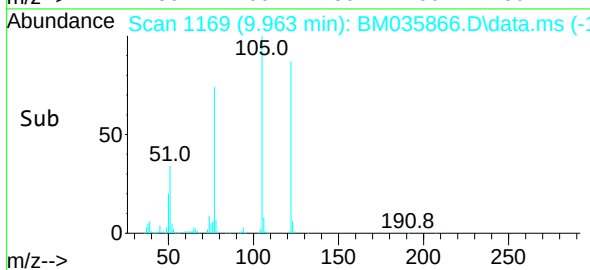
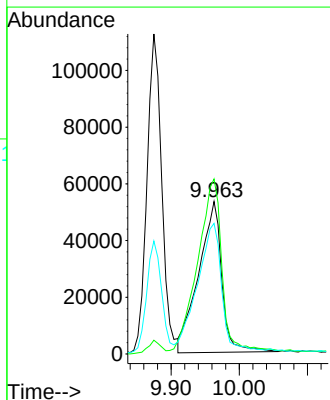
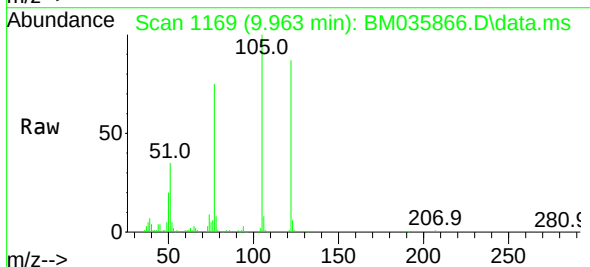
07/20/2022
Supervised By :Jagrut
Upadhyay

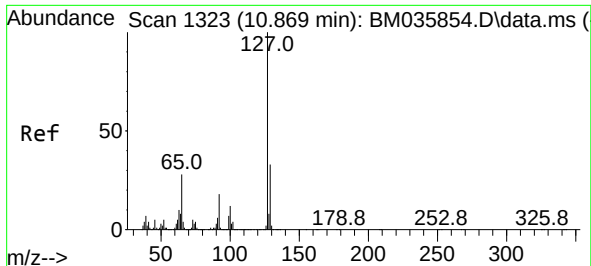
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#32
Benzoic acid
Concen: 10.002 ng
RT: 9.963 min Scan# 1169
Delta R.T. -0.047 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

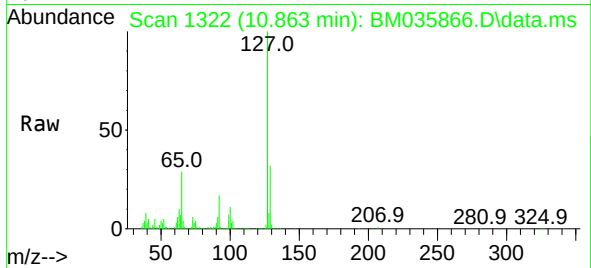
Tgt Ion:122 Resp: 125748
Ion Ratio Lower Upper
122 100
105 114.7 105.7 145.7
77 85.6 80.0 120.0





#33
4-Chloroaniline
Concen: 9.422 ng
RT: 10.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



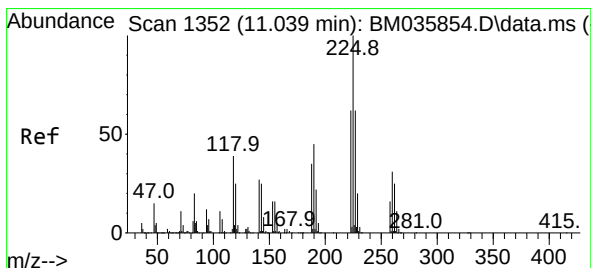
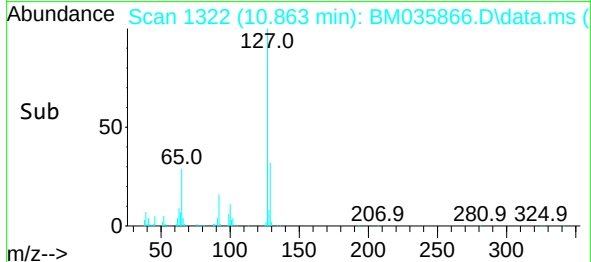
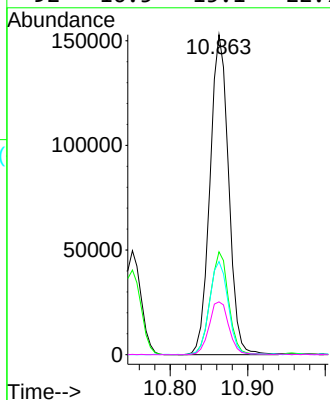
Tgt Ion:127 Resp: 25510
Ion Ratio Lower Upper
127 100
129 32.1 25.7 38.5
65 29.1 26.6 40.0
92 16.5 15.1 22.7

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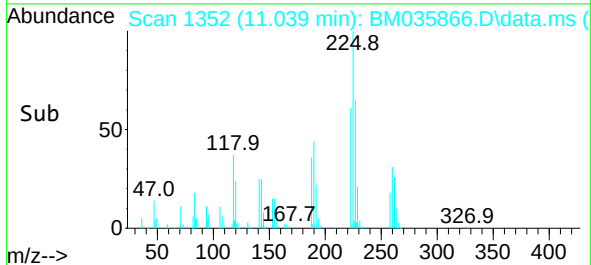
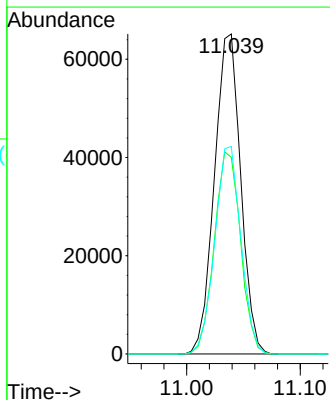
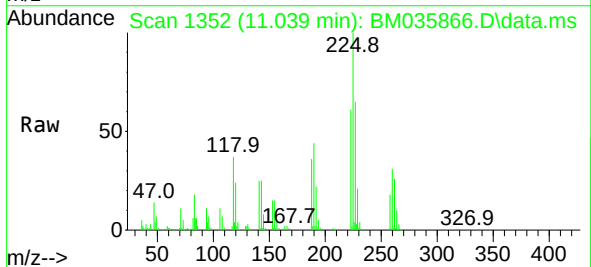
07/20/2022
Supervised By :Jagrut
Upadhyay

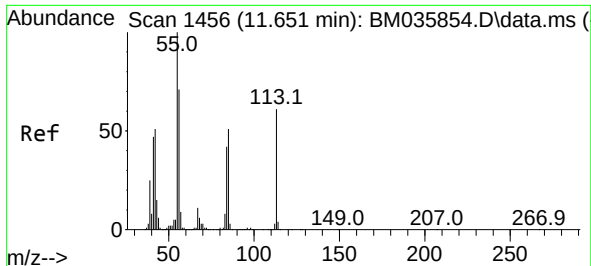
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#34
Hexachlorobutadiene
Concen: 8.579 ng
RT: 11.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

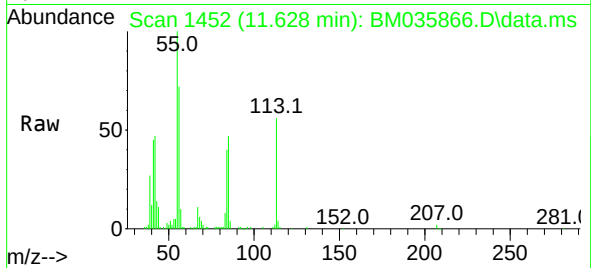
Tgt Ion:225 Resp: 104726
Ion Ratio Lower Upper
225 100
223 61.5 50.8 76.2
227 64.9 52.7 79.1





#35
Caprolactam
Concen: 7.804 ng
RT: 11.628 min Scan# 1456
Delta R.T. -0.023 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument : BNA_M
ClientSampleId : LOQ-SOIL-02-QT2-2022



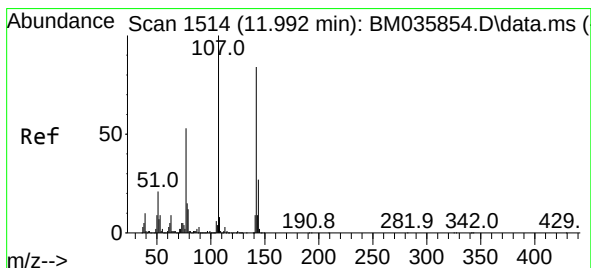
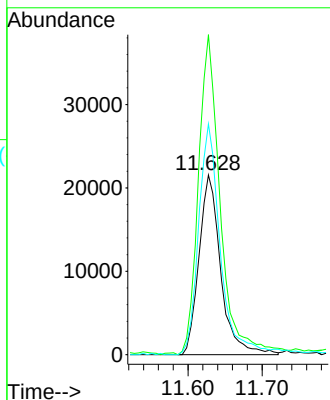
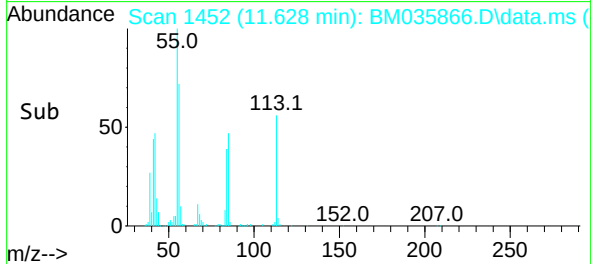
Tgt Ion:113 Resp: 4398
Ion Ratio Lower Upper
113 100
55 178.1 150.1 190.1
56 128.4 111.7 151.7

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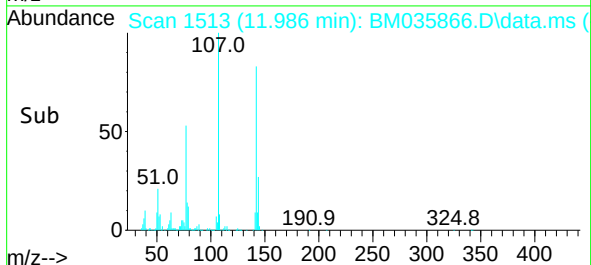
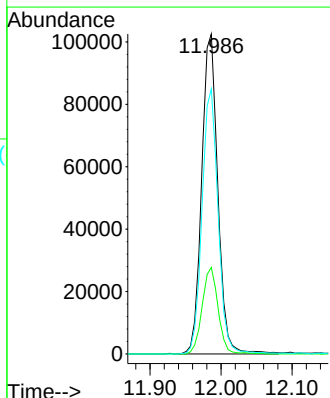
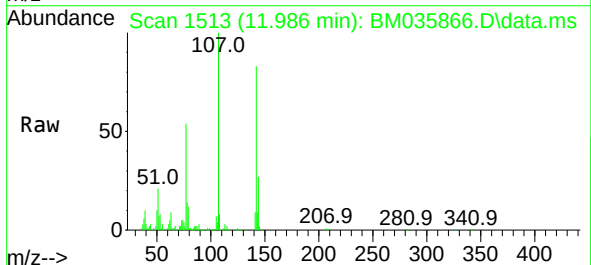
07/20/2022
Supervised By :Jagrut
Upadhyay

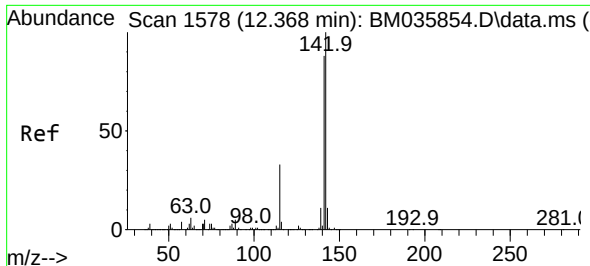
07/20/2022



#36
4-Chloro-3-methylphenol
Concen: 8.597 ng
RT: 11.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

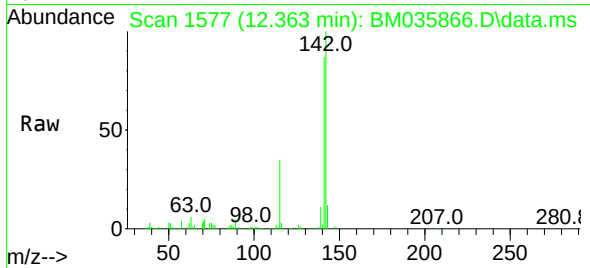
Tgt Ion:107 Resp: 162463
Ion Ratio Lower Upper
107 100
144 27.1 21.4 32.0
142 82.8 66.7 100.1





#37
2-Methylnaphthalene
Concen: 9.230 ng
RT: 12.363 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument : BNA_M
ClientSampleId : LOQ-SOIL-02-QT2-2022



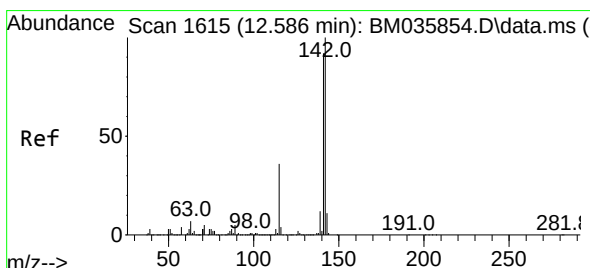
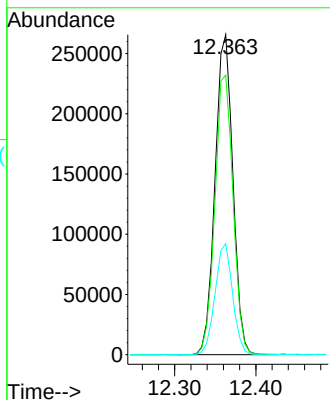
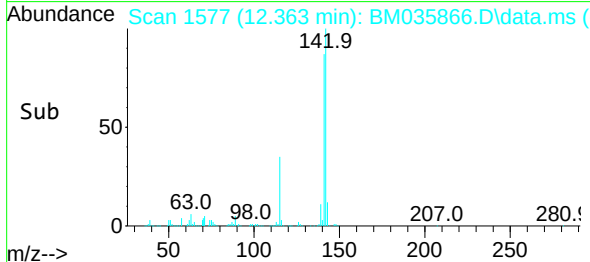
Tgt Ion:142 Resp: 406418
Ion Ratio Lower Upper
142 100
141 87.3 72.4 108.6
115 34.7 29.6 44.4

Manual Integrations
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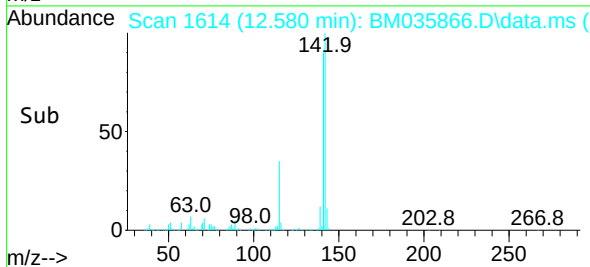
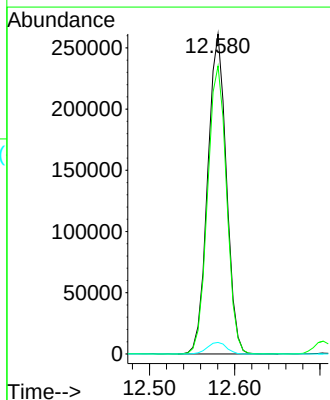
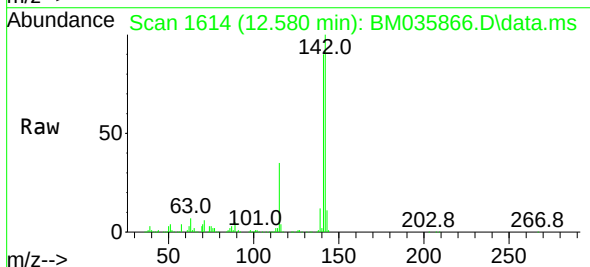
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Supervised By :Jagrut
Upadhyay

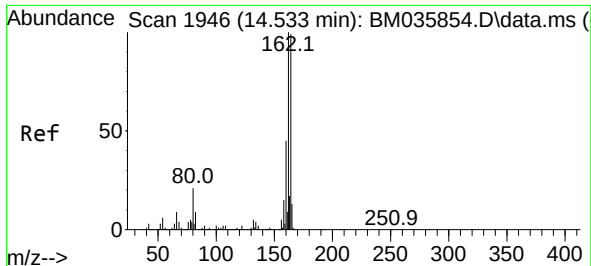
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#38
1-Methylnaphthalene
Concen: 9.273 ng
RT: 12.580 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

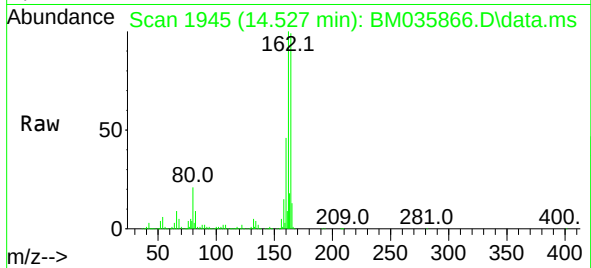
Tgt Ion:142 Resp: 397399
Ion Ratio Lower Upper
142 100
141 90.0 75.0 112.4
116 3.6 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.527 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument : BNA_M
ClientSampleId : LOQ-SOIL-02-QT2-2022



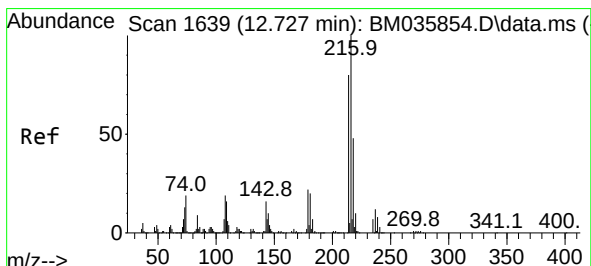
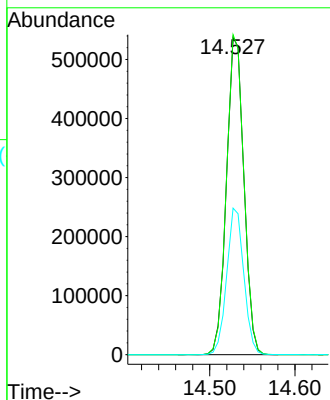
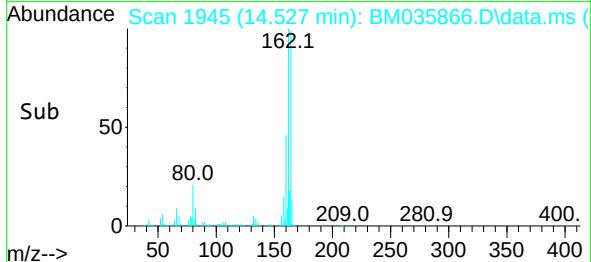
Tgt Ion:164 Resp: 762580
Ion Ratio Lower Upper
164 100
162 100.9 83.0 124.6
160 46.2 37.0 55.4

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Reviewed By :Christian
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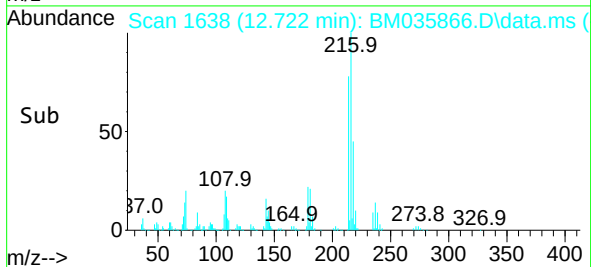
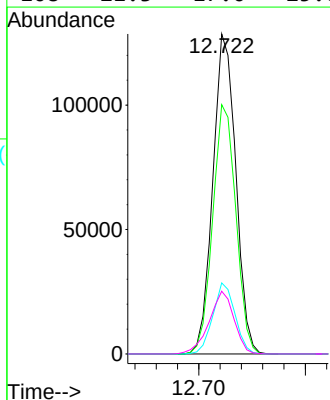
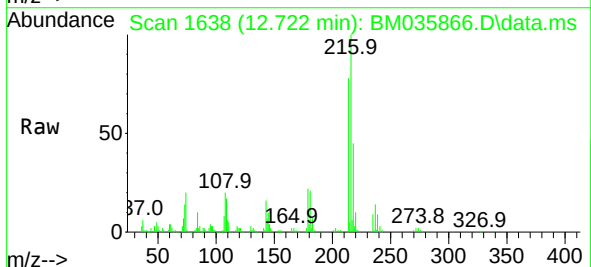
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Supervised By :Jagrut
Upadhyay

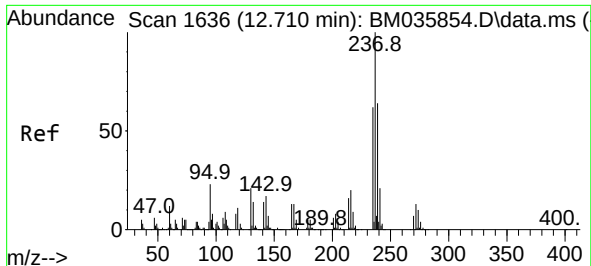
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.816 ng
RT: 12.722 min Scan# 1638
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

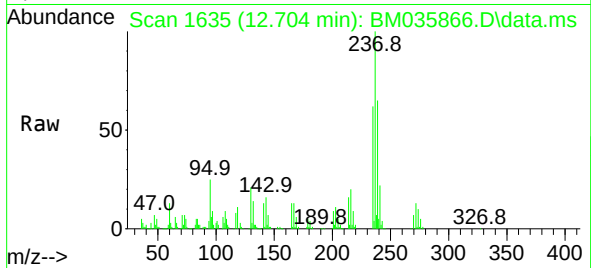
Tgt Ion:216 Resp: 192084
Ion Ratio Lower Upper
216 100
214 78.7 62.6 94.0
179 21.5 18.2 27.2
108 21.3 17.0 25.6





#41
Hexachlorocyclopentadiene
Concen: 9.757 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



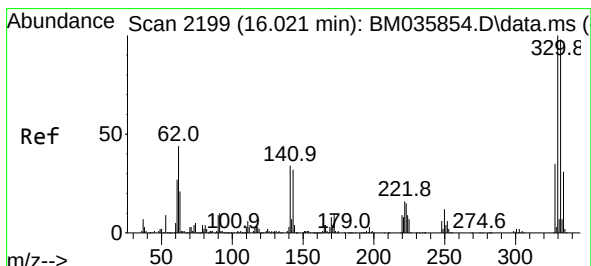
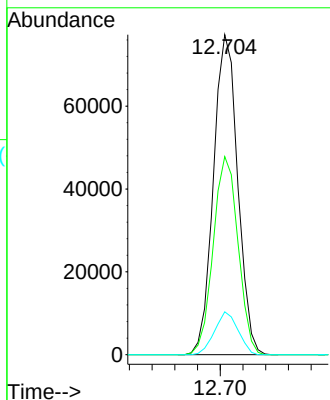
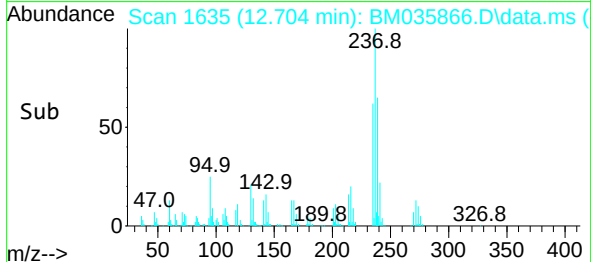
Tgt Ion:237 Resp: 114579
Ion Ratio Lower Upper
237 100
235 61.9 43.8 83.8
272 13.4 0.0 32.5

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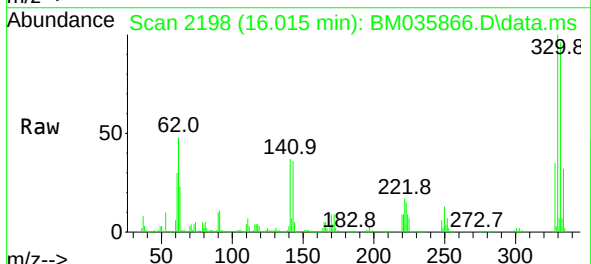
Reviewed By :Christian
Giraldo

07/20/2022
Supervised By :Jagrut
Upadhyay

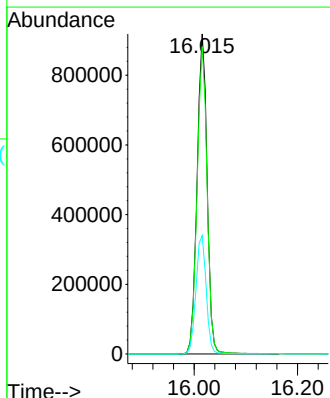
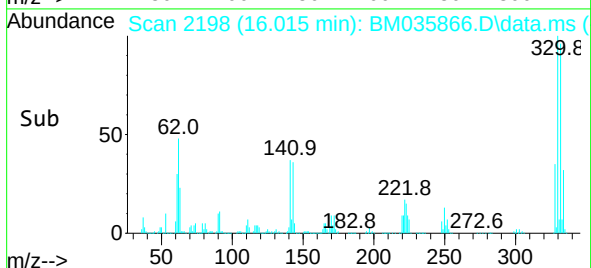
07/20/2022

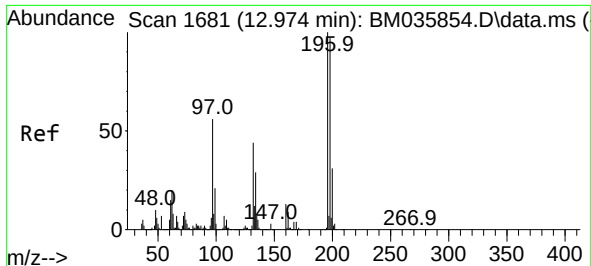


#42
2,4,6-Tribromophenol
Concen: 145.428 ng
RT: 16.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02



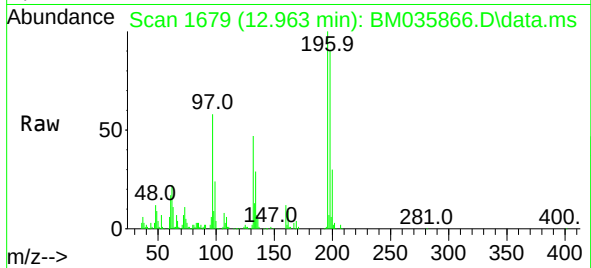
Tgt Ion:330 Resp: 1240480
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.4
141 37.9 35.3 52.9





#43
2,4,6-Trichlorophenol
Concen: 7.966 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



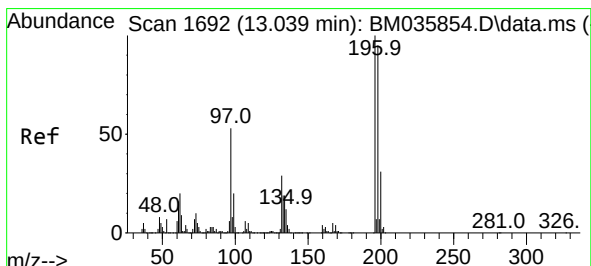
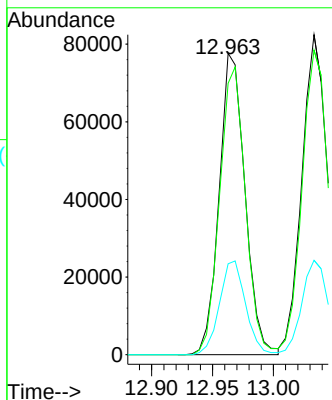
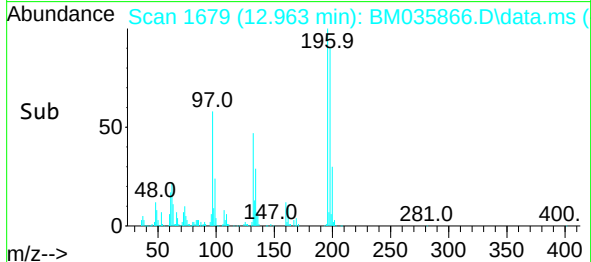
Tgt Ion:196 Resp: 11471
Ion Ratio Lower Upper
196 100
198 90.1 75.8 113.6
200 30.2 24.9 37.3

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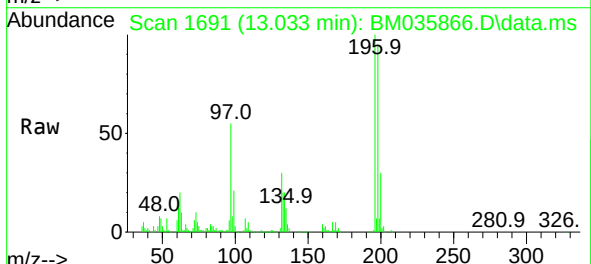
Reviewed By :Christian
Giraldo

07/20/2022
Supervised By :Jagrut
Upadhyay

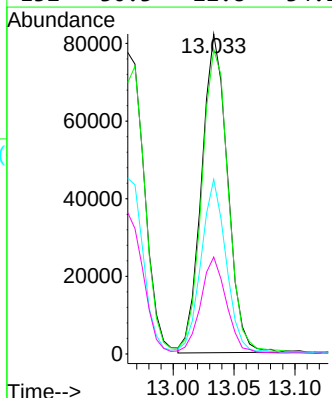
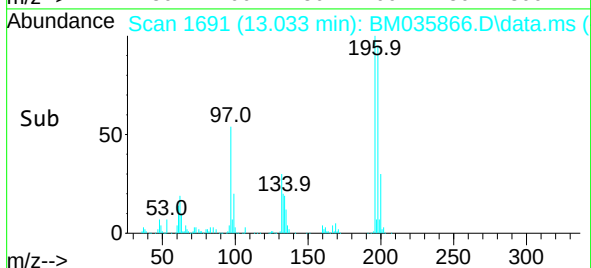
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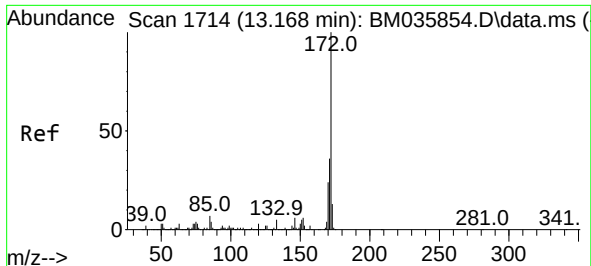


#44
2,4,5-Trichlorophenol
Concen: 8.021 ng
RT: 13.033 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02



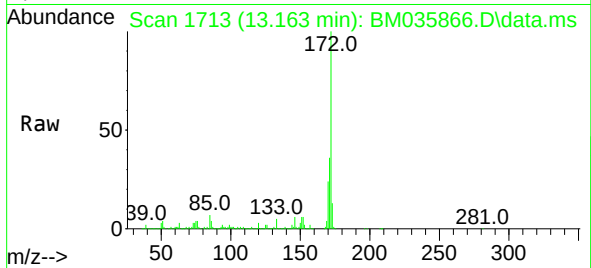
Tgt Ion:196 Resp: 121794
Ion Ratio Lower Upper
196 100
198 95.2 77.8 116.6
97 54.6 43.4 65.2
132 30.3 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 79.792 ng
RT: 13.163 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



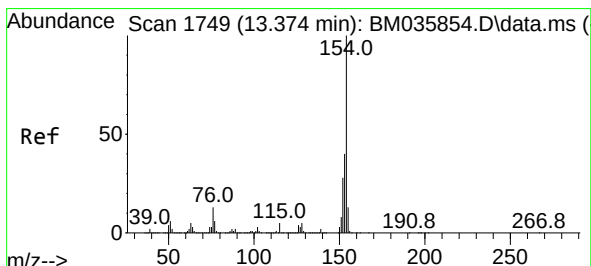
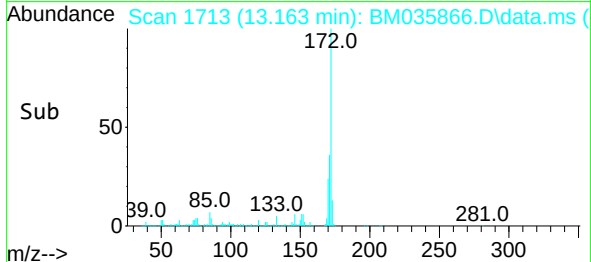
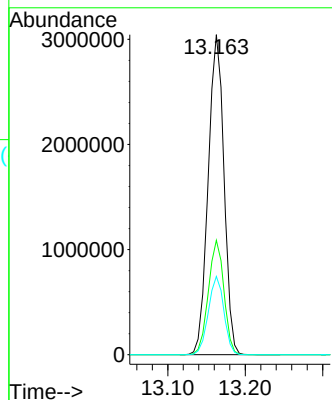
Tgt Ion:172 Resp: 4304710
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.5 18.7 28.1

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Reviewed By :Christian
Giraldo

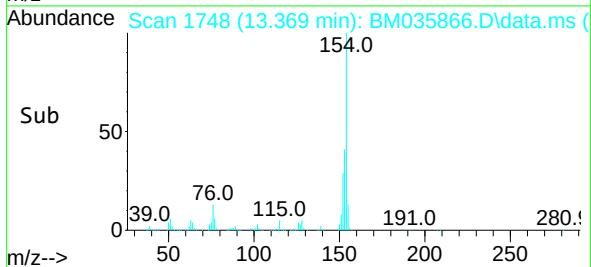
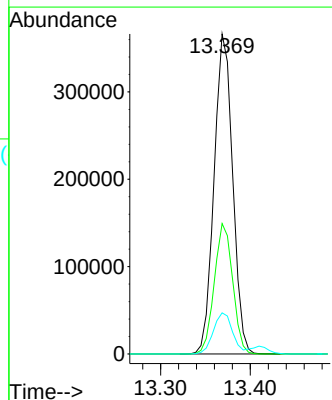
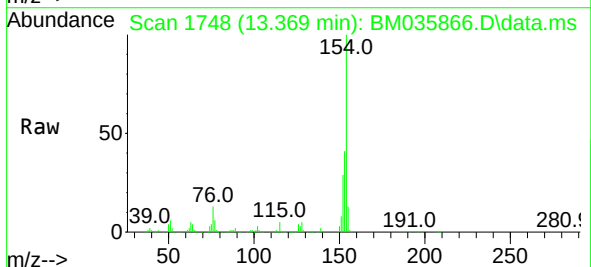
07/20/2022
Supervised By :Jagrut
Upadhyay

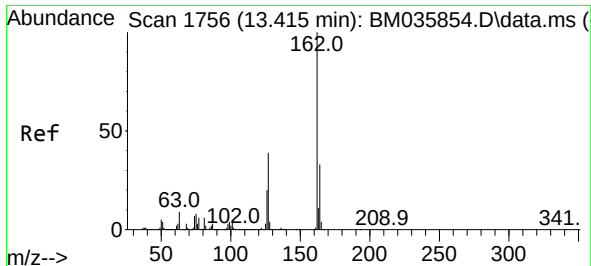
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#46
1,1'-Biphenyl
Concen: 9.078 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

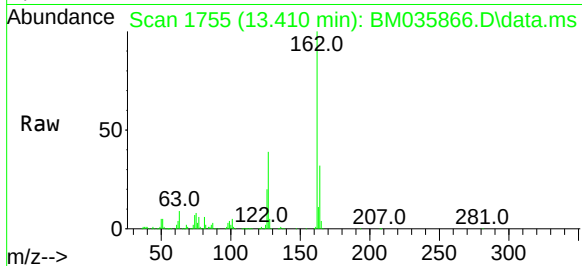
Tgt Ion:154 Resp: 526606
Ion Ratio Lower Upper
154 100
153 40.8 20.5 60.5
76 12.9 0.0 31.8





#47
2-Chloronaphthalene
Concen: 8.960 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument : BNA_M
ClientSampleId : LOQ-SOIL-02-QT2-2022



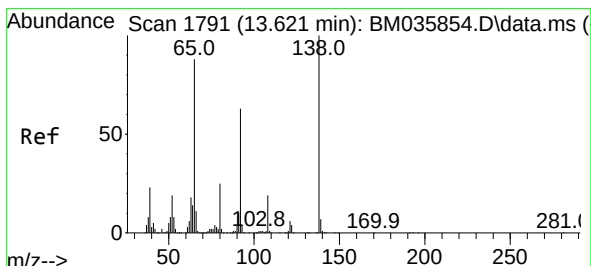
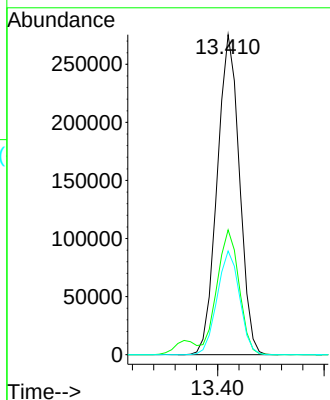
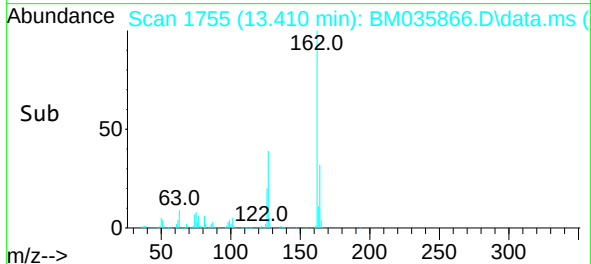
Tgt Ion: 162 Resp: 399480
Ion Ratio Lower Upper
162 100
127 39.0 30.6 45.8
164 32.4 26.6 39.8

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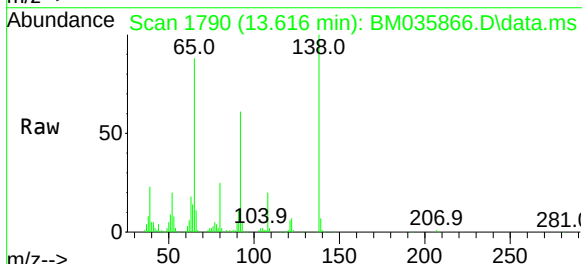
Reviewed By :Christian
Giraldo

07/20/2022
Supervised By :Jagrut
Upadhyay

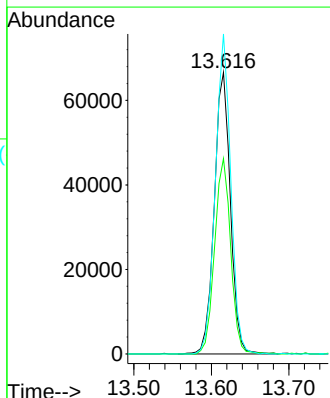
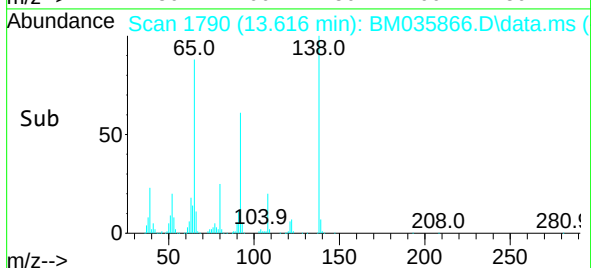
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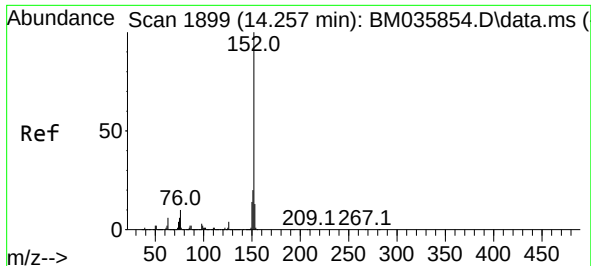


#48
2-Nitroaniline
Concen: 7.828 ng
RT: 13.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02



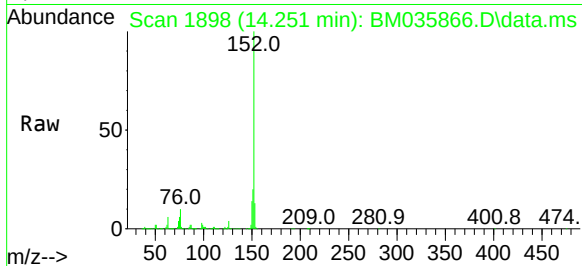
Tgt Ion: 65 Resp: 96175
Ion Ratio Lower Upper
65 100
92 69.4 53.7 80.5
138 113.7 83.9 125.9





#49
Acenaphthylene
Concen: 9.479 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



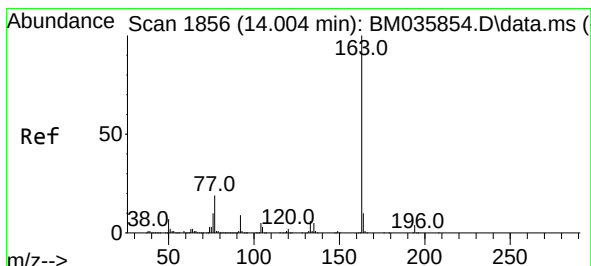
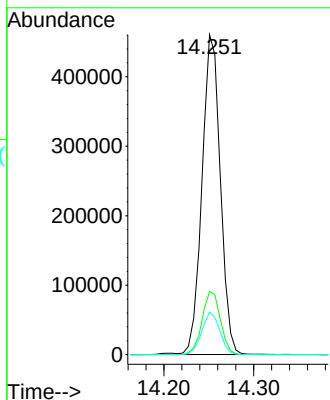
Tgt Ion:152 Resp: 650814
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.4 10.5 15.7

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Reviewed By :Christian
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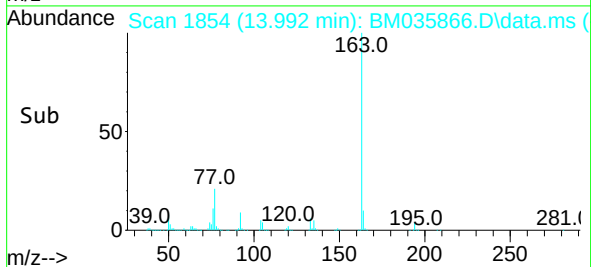
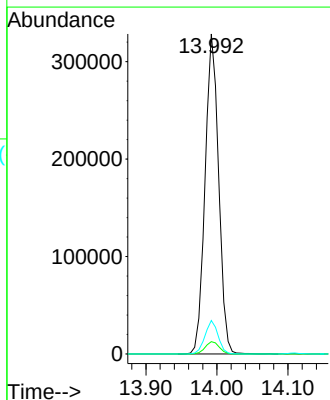
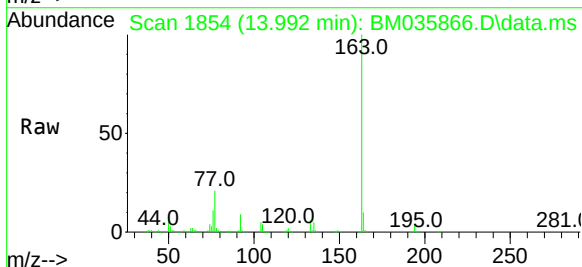
07/20/2022
Supervised By :Jagrut
Upadhyay

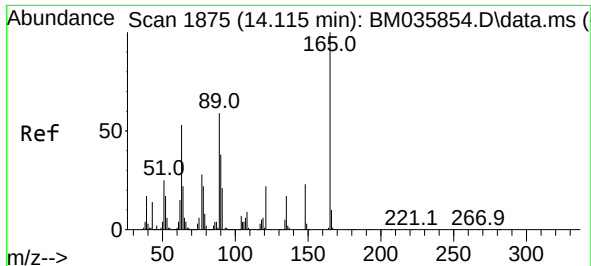
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#50
Dimethylphthalate
Concen: 8.701 ng
RT: 13.992 min Scan# 1854
Delta R.T. -0.012 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

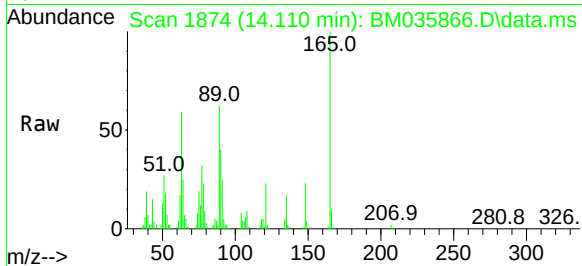
Tgt Ion:163 Resp: 436722
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.5 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 8.652 ng
RT: 14.110 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



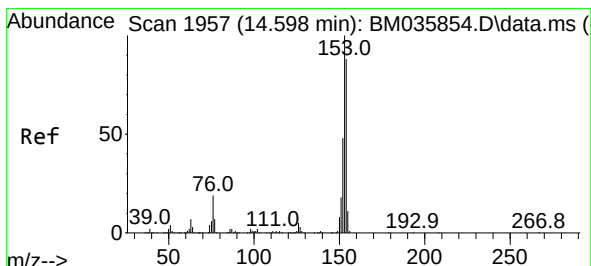
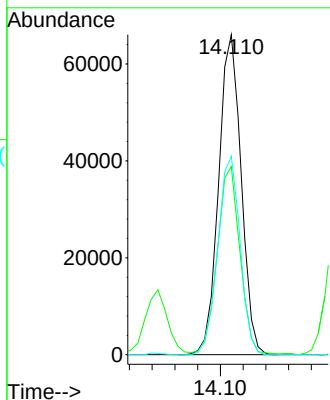
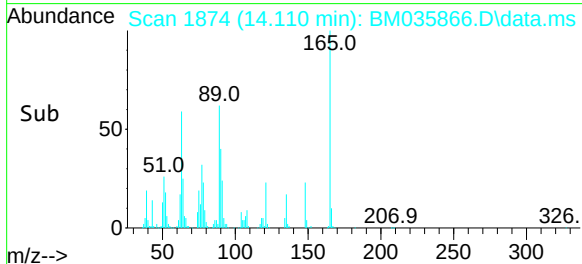
Tgt Ion:165 Resp: 90810
Ion Ratio Lower Upper
165 100
63 58.8 50.2 75.2
89 62.0 48.4 72.6

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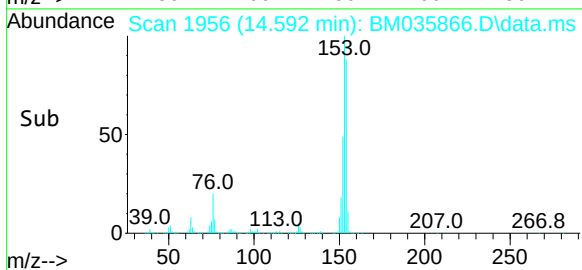
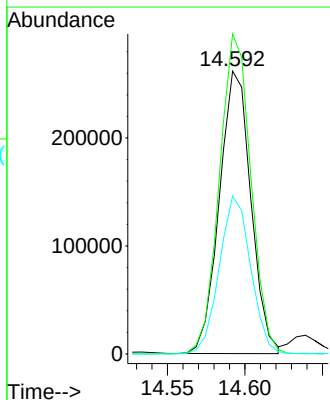
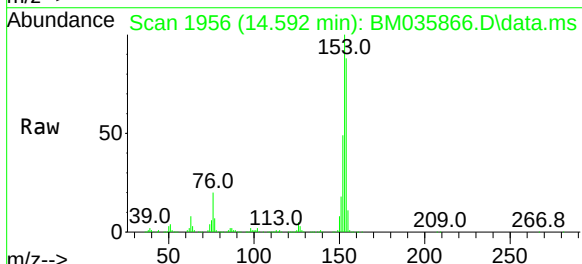
07/20/2022
Supervised By :Jagrut
Upadhyay

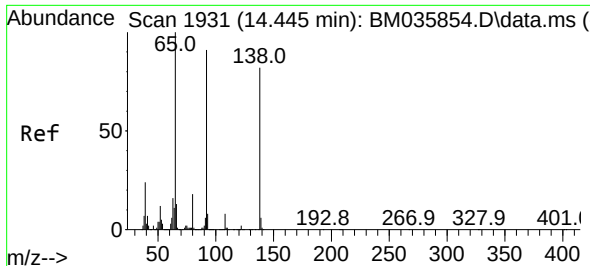
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#52
Acenaphthene
Concen: 8.993 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

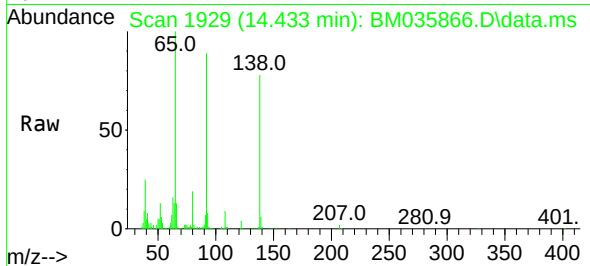
Tgt Ion:154 Resp: 369874
Ion Ratio Lower Upper
154 100
153 113.1 91.0 136.6
152 55.9 43.4 65.2





#53
3-Nitroaniline
Concen: 8.041 ng
RT: 14.433 min Scan# 1931
Delta R.T. -0.012 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



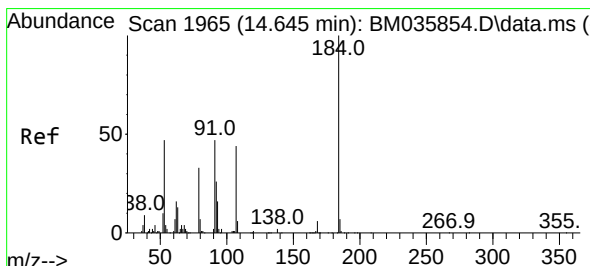
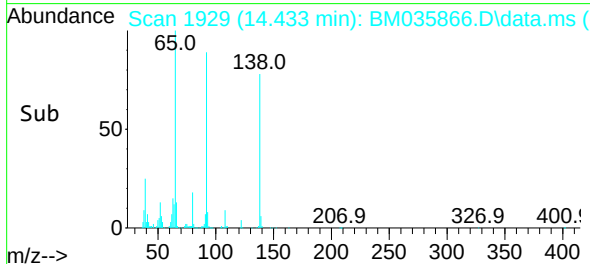
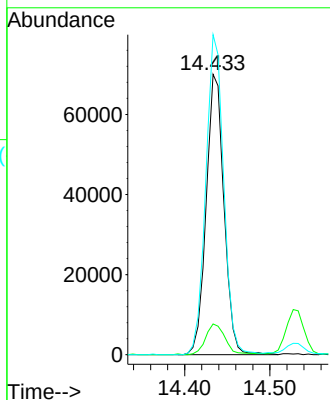
Tgt Ion:138 Resp: 101608
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 114.2 91.5 137.3

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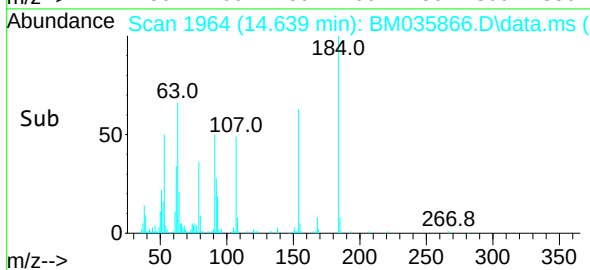
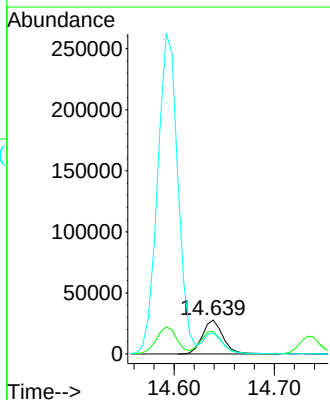
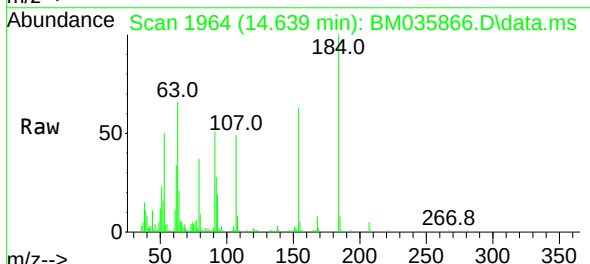
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Upadhyay

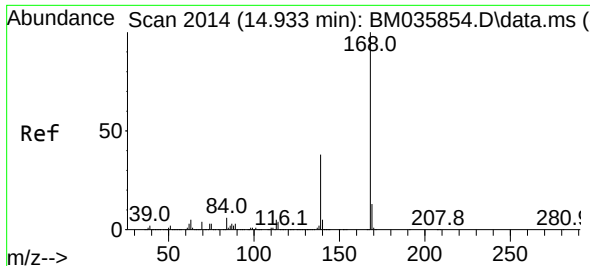
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#54
2,4-Dinitrophenol
Concen: 7.645 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

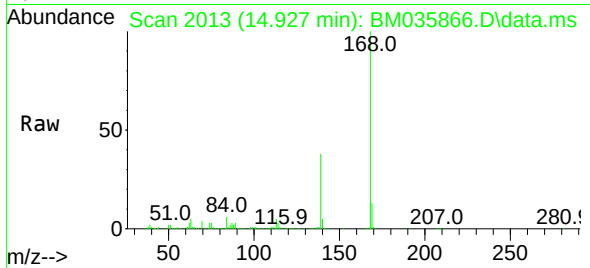
Tgt Ion:184 Resp: 39538
Ion Ratio Lower Upper
184 100
63 66.0 59.5 89.3
154 62.5 55.6 83.4





#55
Dibenzenofuran
Concen: 8.957 ng
RT: 14.927 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument : BNA_M
ClientSampleId : LOQ-SOIL-02-QT2-2022



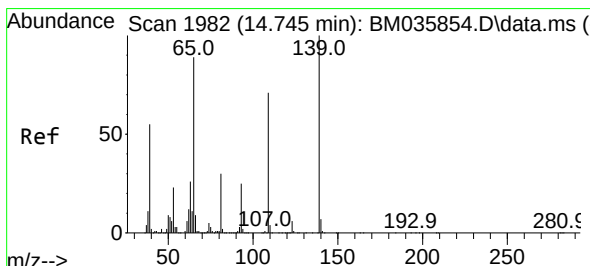
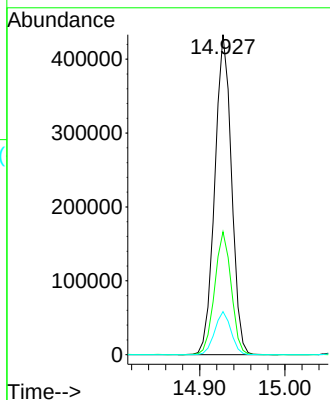
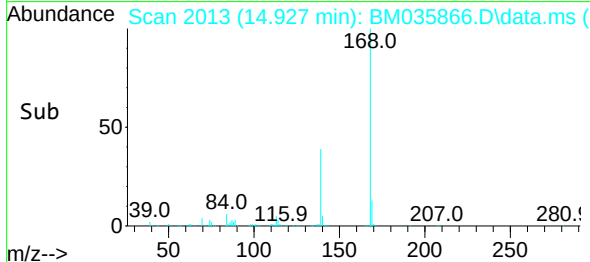
Tgt Ion:168 Resp: 59017
Ion Ratio Lower Upper
168 100
139 38.4 32.2 48.2
169 13.5 10.6 16.0

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Reviewed By :Christian
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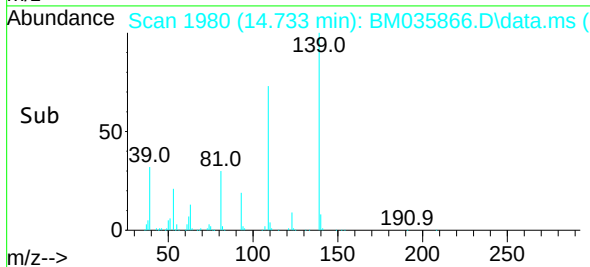
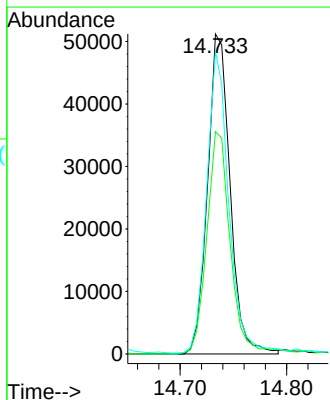
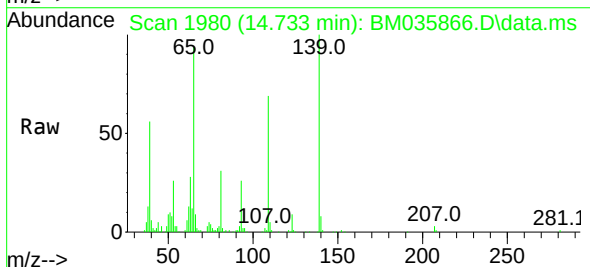
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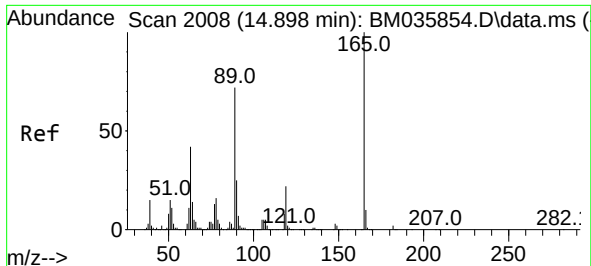
07/20/2022



#56
4-Nitrophenol
Concen: 7.607 ng
RT: 14.733 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

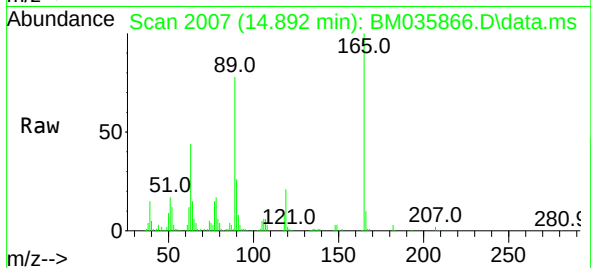
Tgt Ion:139 Resp: 75429
Ion Ratio Lower Upper
139 100
109 69.5 62.5 102.5
65 94.5 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 7.968 ng
RT: 14.892 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



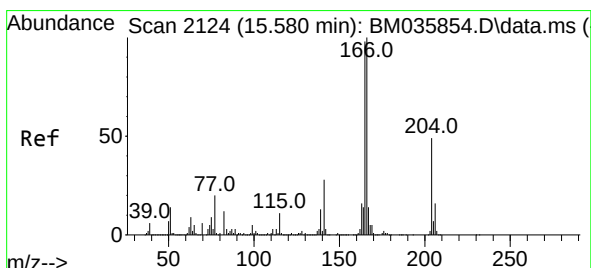
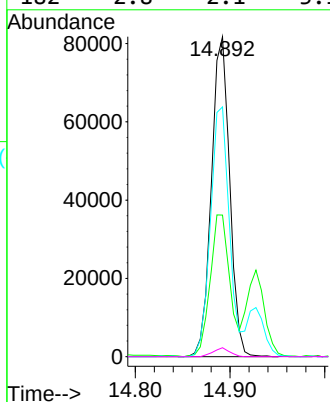
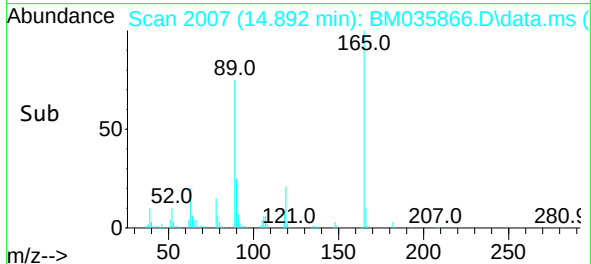
Tgt Ion:165 Resp: 10944
Ion Ratio Lower Upper
165 100
63 44.2 35.6 53.4
89 78.0 57.3 85.9
182 2.8 2.1 3.1

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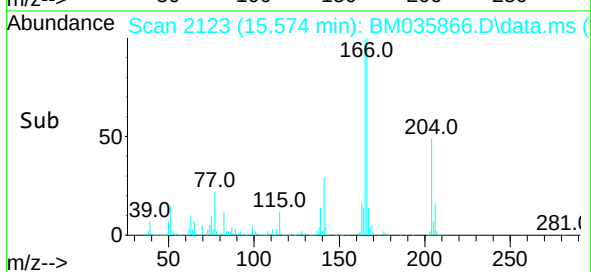
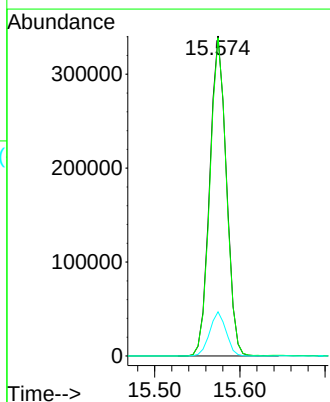
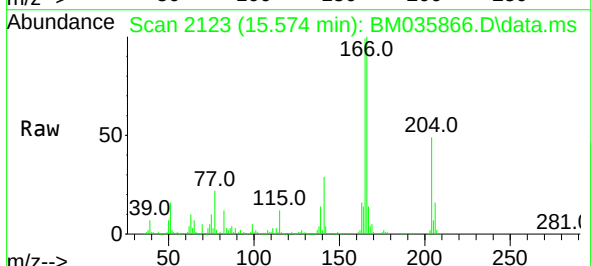
07/20/2022
Supervised By :Jagrut
Upadhyay

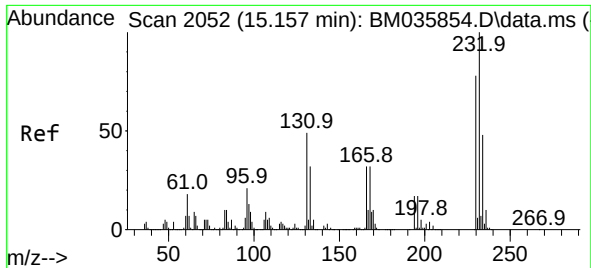
07/20/2022



#58
Fluorene
Concen: 8.926 ng
RT: 15.574 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

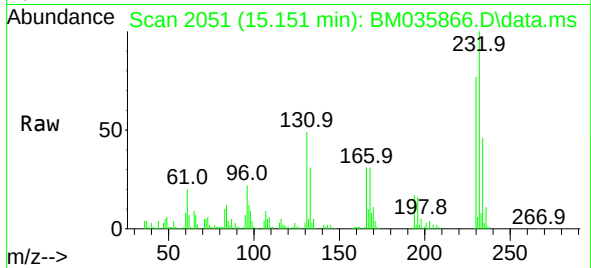
Tgt Ion:166 Resp: 461791
Ion Ratio Lower Upper
166 100
165 99.4 79.4 119.2
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.887 ng
RT: 15.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



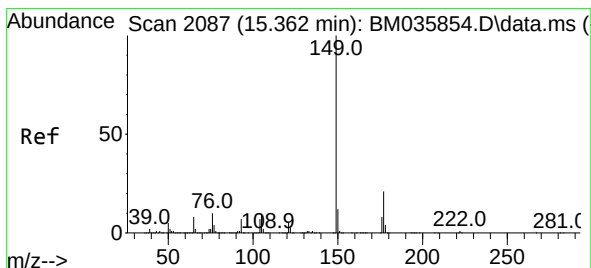
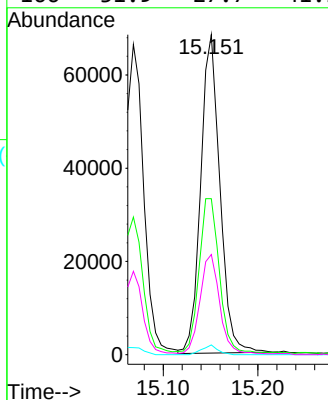
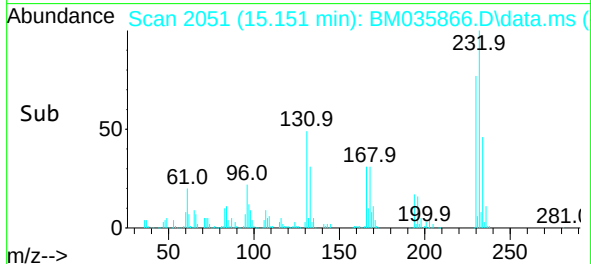
Tgt Ion:232 Resp: 96269
Ion Ratio Lower Upper
232 100
131 51.0 41.0 61.6
130 2.5 2.3 3.5
166 31.9 27.7 41.5

Manual Integrations
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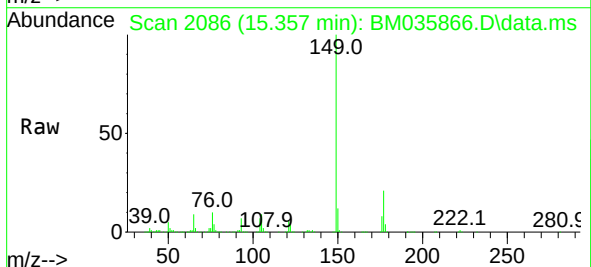
Reviewed By :Christian
Giraldo

07/20/2022
Supervised By :Jagrut
Upadhyay

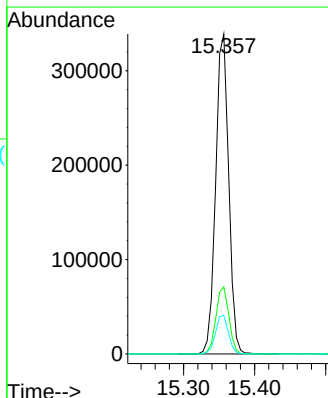
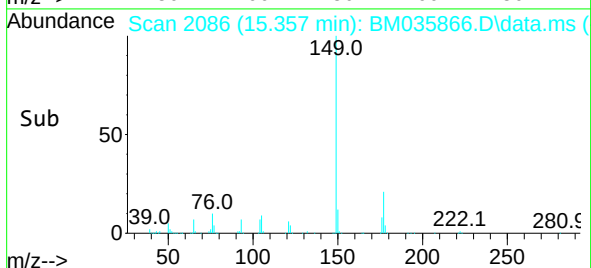
07/20/2022

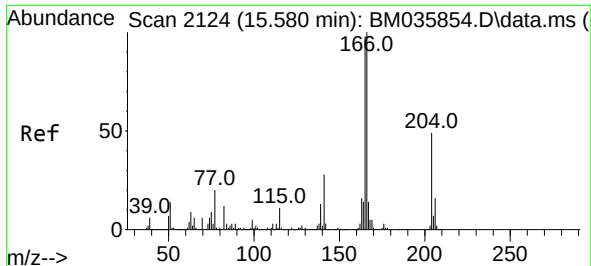


#60
Diethylphthalate
Concen: 8.638 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02



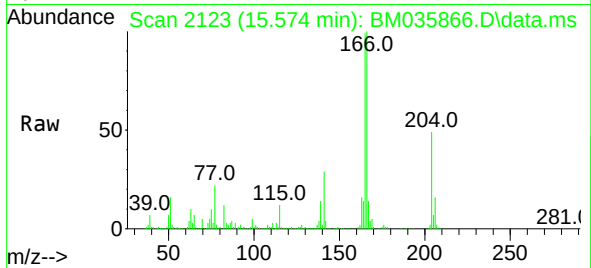
Tgt Ion:149 Resp: 429616
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 8.802 ng
RT: 15.574 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



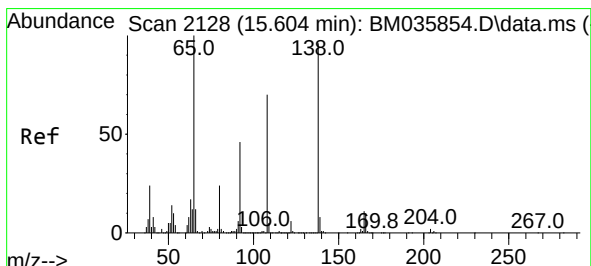
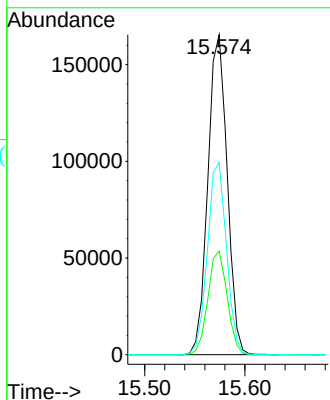
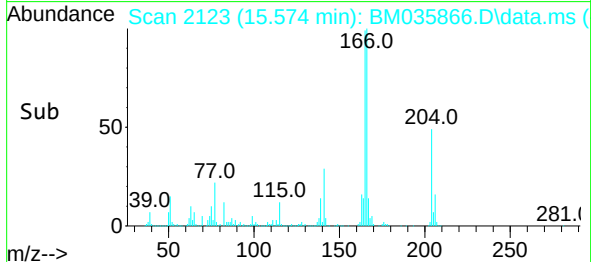
Tgt Ion:204 Resp: 221562
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 60.1 51.2 76.8

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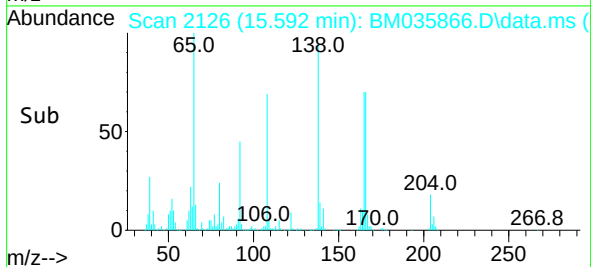
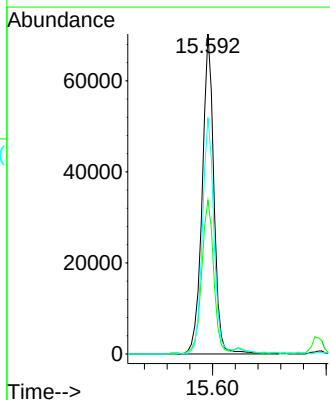
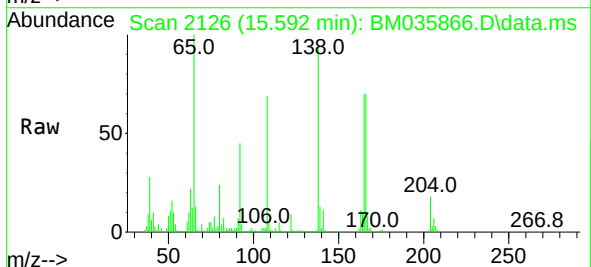
07/20/2022
Supervised By :Jagrut
Upadhyay

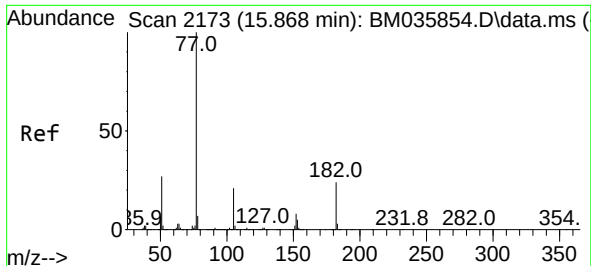
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#62
4-Nitroaniline
Concen: 7.768 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

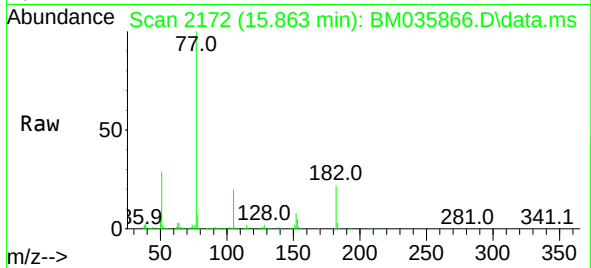
Tgt Ion:138 Resp: 100513
Ion Ratio Lower Upper
138 100
92 48.0 30.8 70.8
108 73.9 65.7 105.7





#63
Azobenzene
Concen: 8.613 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



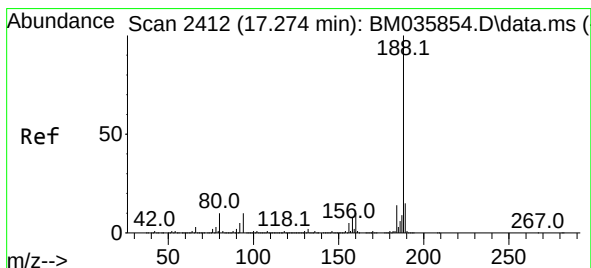
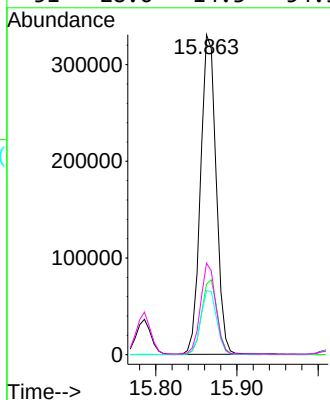
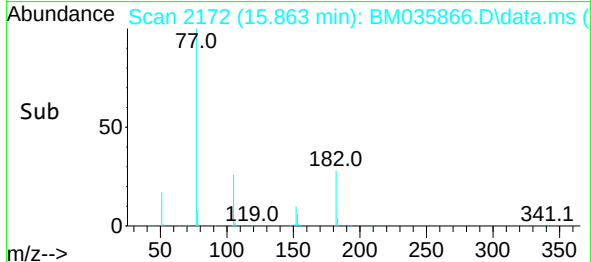
Tgt Ion: 77 Resp: 439838
Ion Ratio Lower Upper
77 100
182 22.1 4.9 44.9
105 20.0 0.0 39.6
51 28.6 14.3 54.3

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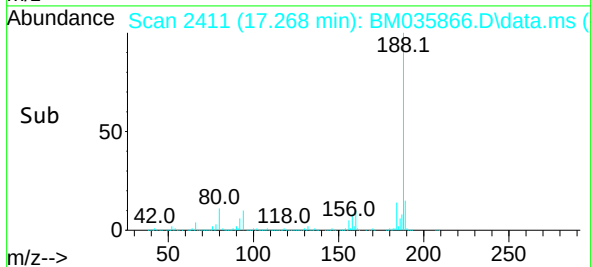
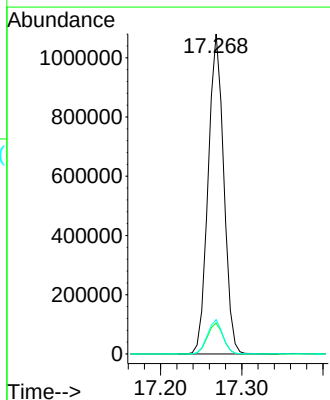
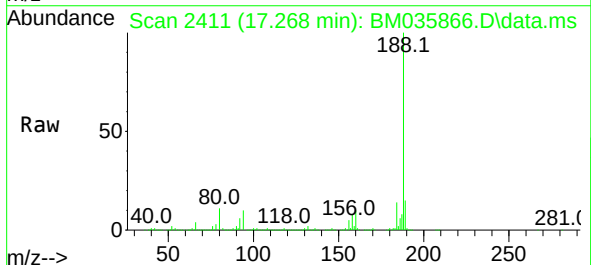
07/20/2022
Supervised By :Jagrut
Upadhyay

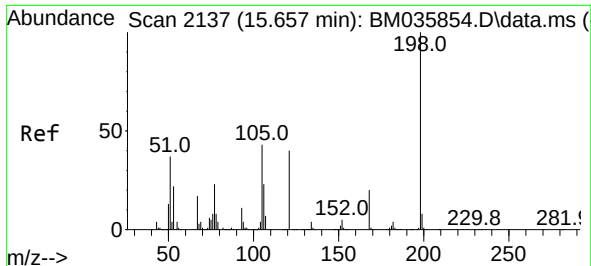
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

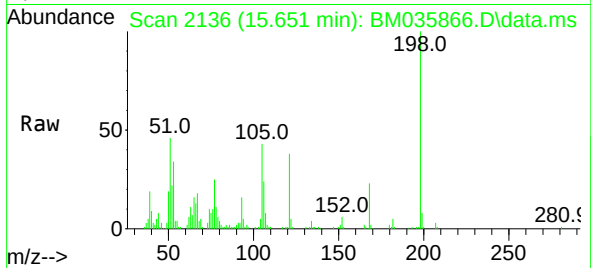
Tgt Ion:188 Resp: 1438717
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.8 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 7.588 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



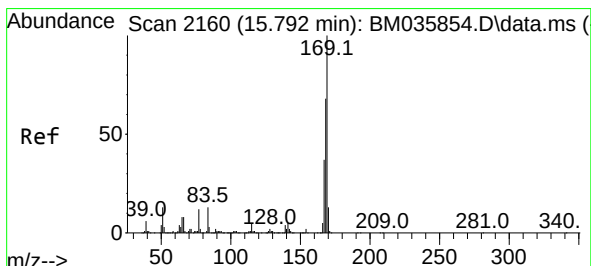
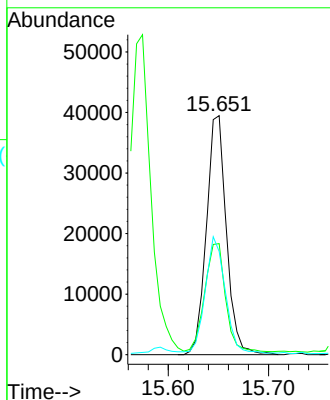
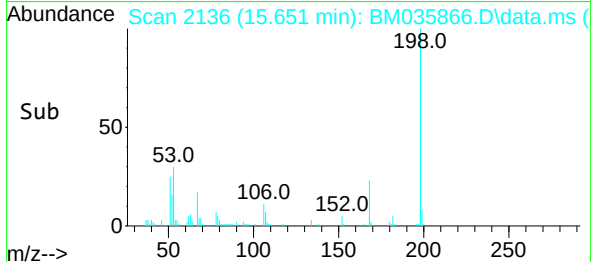
Tgt Ion:198 Resp: 5481
Ion Ratio Lower Upper
198 100
51 46.5 29.0 69.0
105 43.2 22.1 62.1

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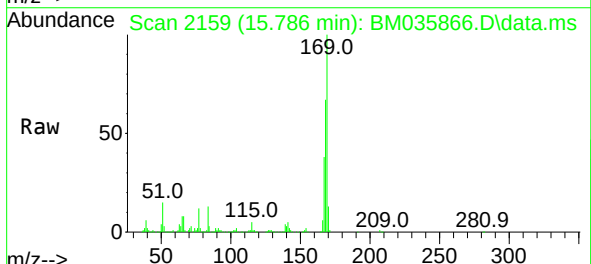
Reviewed By :Christian
Giraldo

07/20/2022
Supervised By :Jagrut
Upadhyay

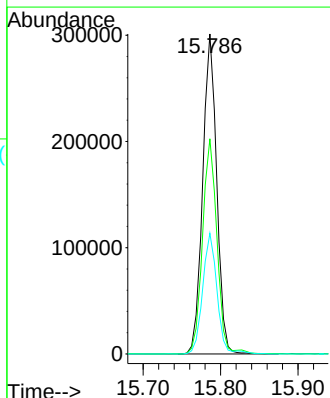
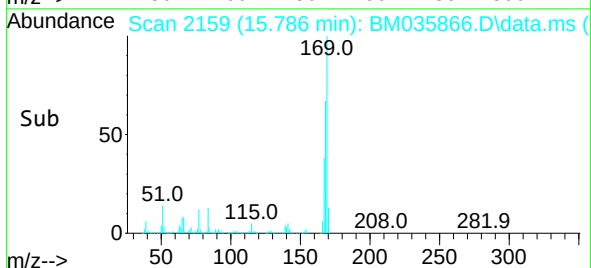
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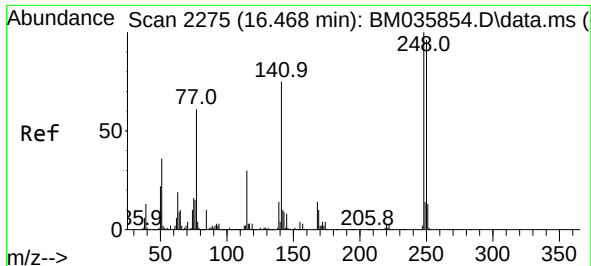


#66
n-Nitrosodiphenylamine
Concen: 8.949 ng
RT: 15.786 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02



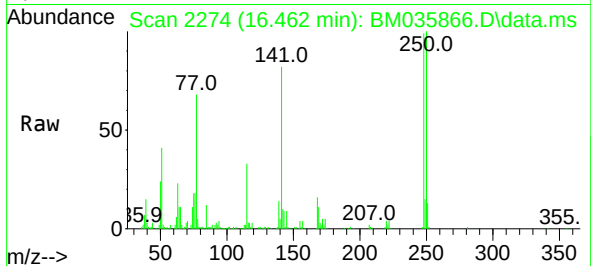
Tgt Ion:169 Resp: 378074
Ion Ratio Lower Upper
169 100
168 67.3 54.3 81.5
167 37.7 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 8.507 ng
RT: 16.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



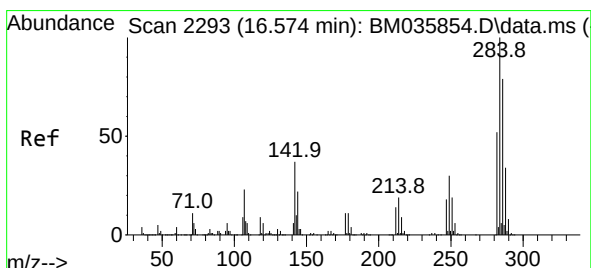
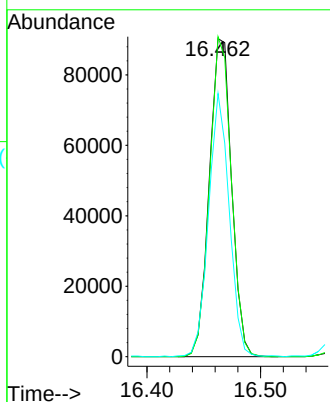
Tgt Ion:248 Resp: 123030
Ion Ratio Lower Upper
248 100
250 100.6 78.0 117.0
141 82.7 66.0 99.0

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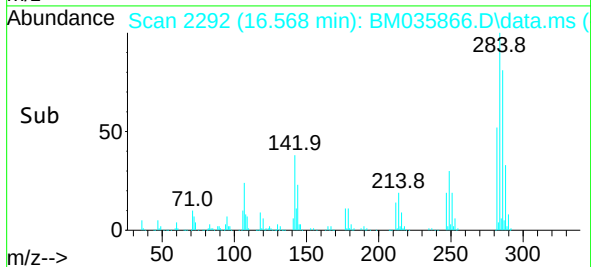
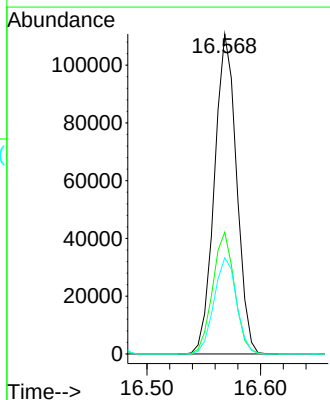
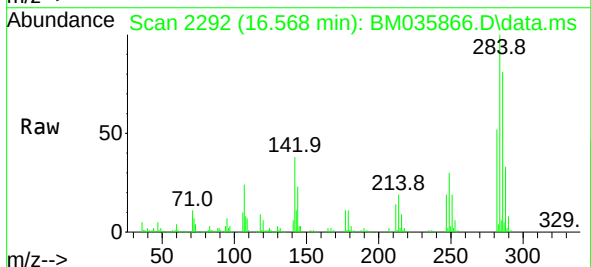
07/20/2022
Supervised By :Jagrut
Upadhyay

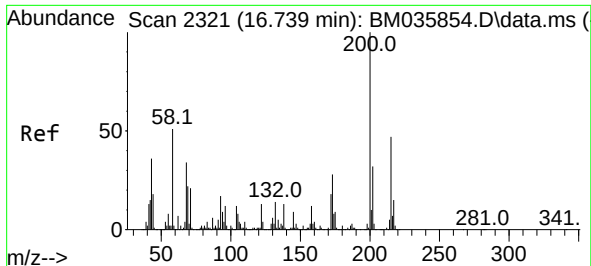
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#68
Hexachlorobenzene
Concen: 8.936 ng
RT: 16.568 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

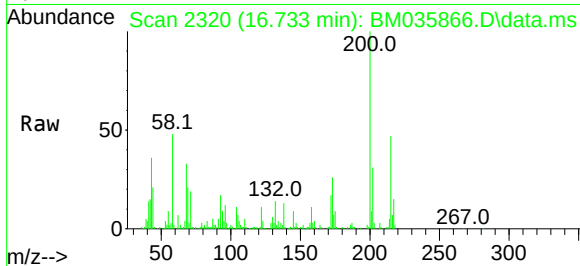
Tgt Ion:284 Resp: 150030
Ion Ratio Lower Upper
284 100
142 38.1 33.6 50.4
249 30.0 26.2 39.2





#69
 Atrazine
 Concen: 9.921 ng
 RT: 16.733 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022



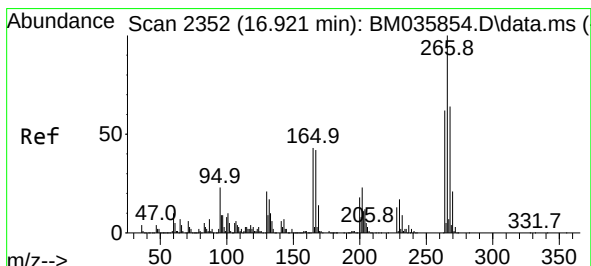
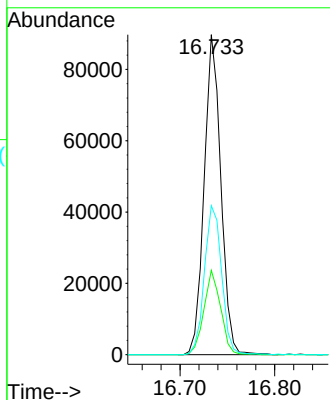
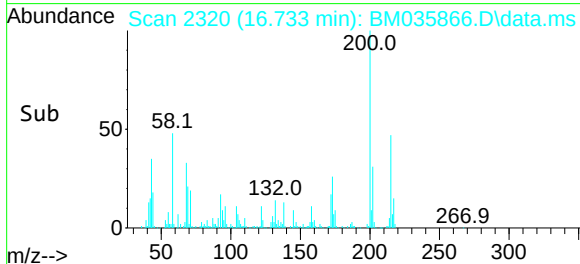
Tgt Ion:200 Resp: 11013
 Ion Ratio Lower Upper
 200 100
 173 26.4 6.6 46.6
 215 46.5 26.2 66.2

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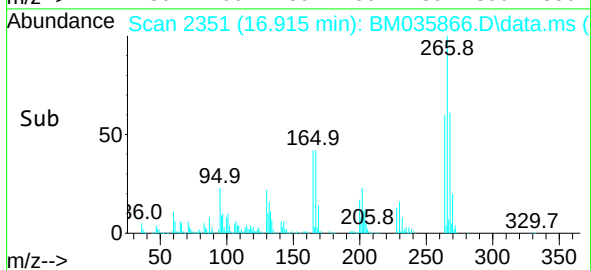
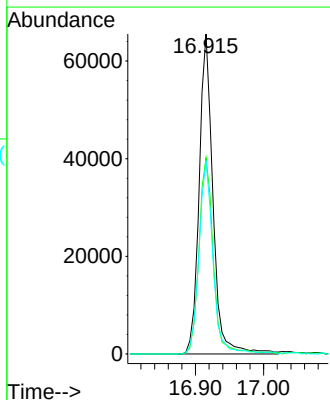
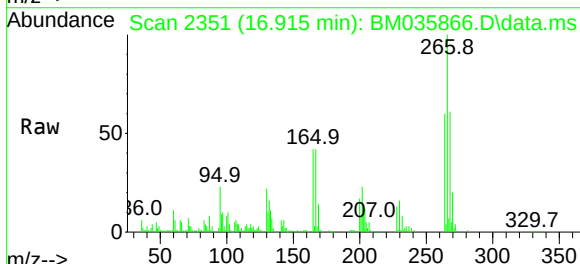
07/20/2022
 Supervised By :Jagrut
 Upadhyay

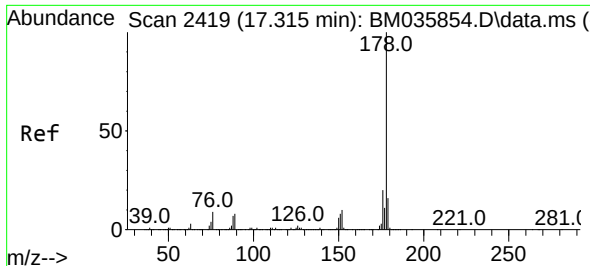
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#70
 Pentachlorophenol
 Concen: 9.921 ng
 RT: 16.915 min Scan# 2351
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

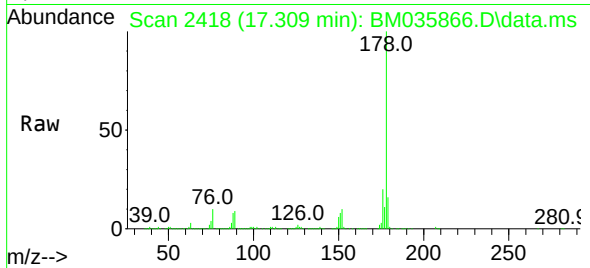
Tgt Ion:266 Resp: 92430
 Ion Ratio Lower Upper
 266 100
 268 61.3 51.9 77.9
 264 60.4 50.6 76.0





#71
Phenanthrene
Concen: 9.030 ng
RT: 17.309 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



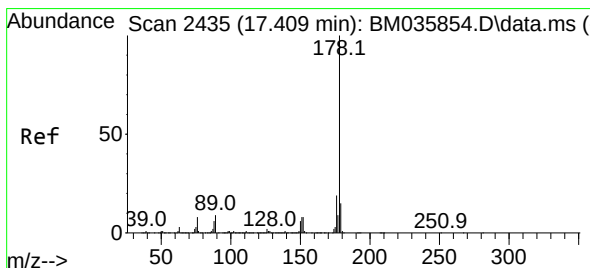
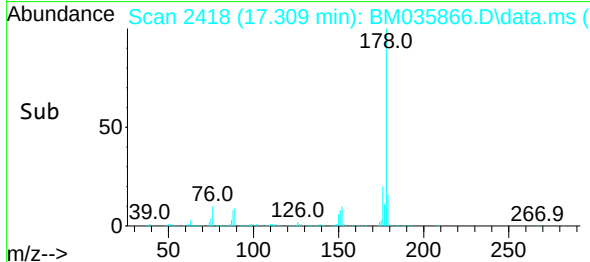
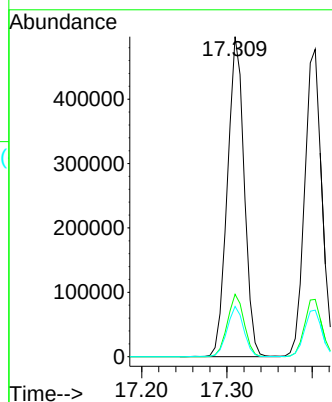
Tgt Ion:178 Resp: 68343
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.7 12.4 18.6

Manual Integrations
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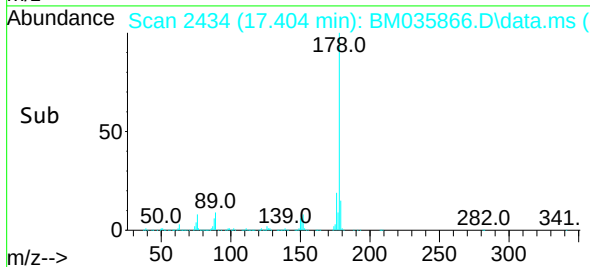
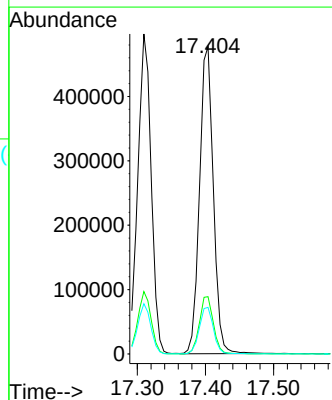
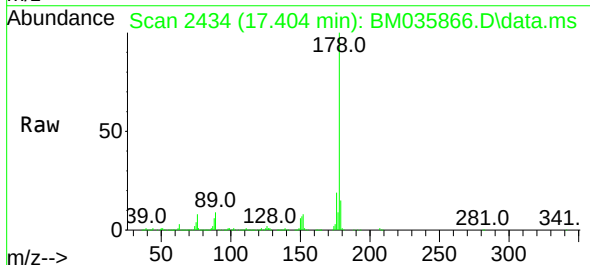
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Supervised By :Jagrut
Upadhyay

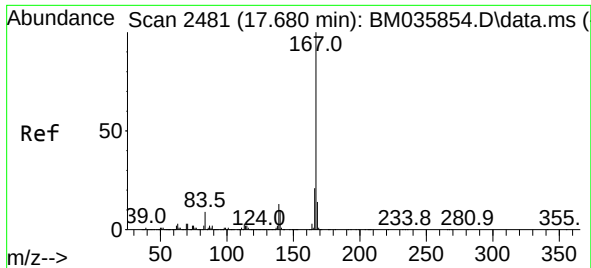
07/20/2022



#72
Anthracene
Concen: 9.127 ng
RT: 17.404 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

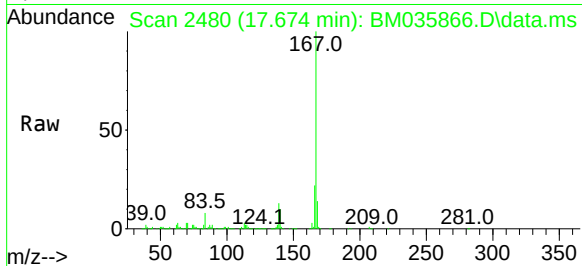
Tgt Ion:178 Resp: 671423
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.1 12.2 18.2





#73
Carbazole
Concen: 8.332 ng
RT: 17.674 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



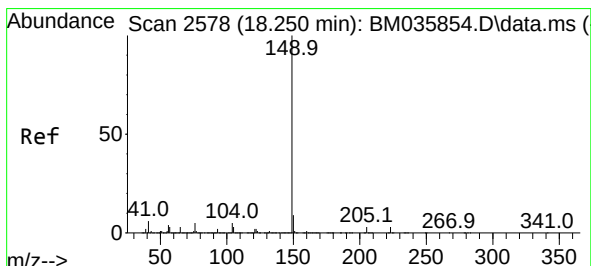
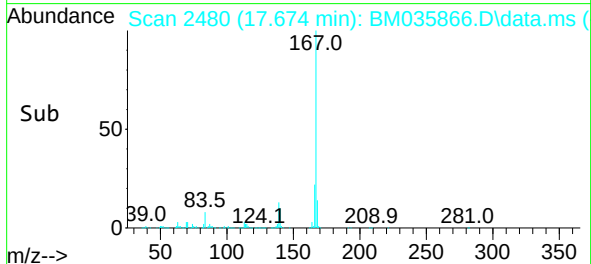
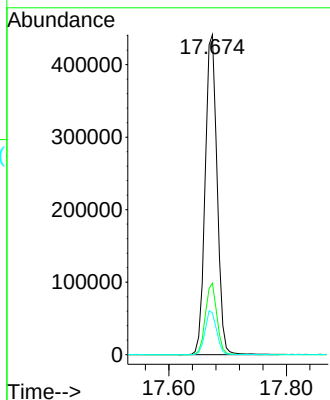
Tgt Ion:167 Resp: 621770
Ion Ratio Lower Upper
167 100
166 22.3 17.8 26.8
139 13.1 10.9 16.3

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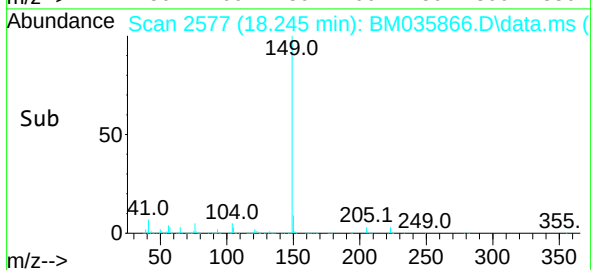
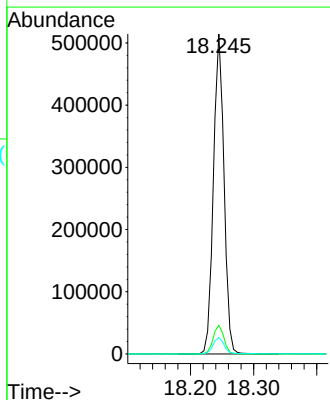
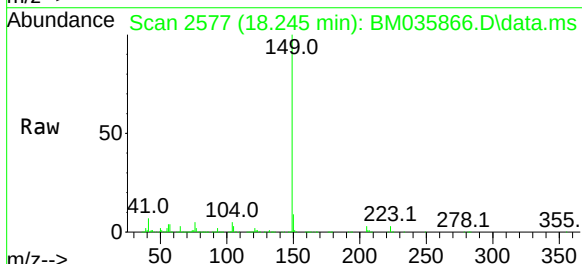
07/20/2022
Supervised By :Jagrut
Upadhyay

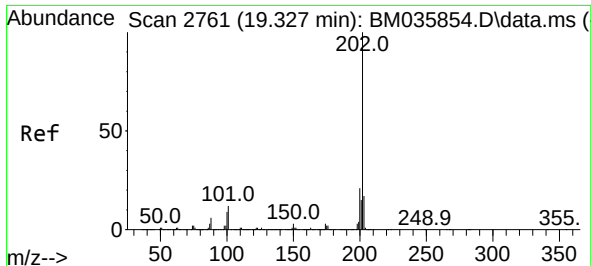
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#74
Di-n-butylphthalate
Concen: 7.856 ng
RT: 18.245 min Scan# 2577
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

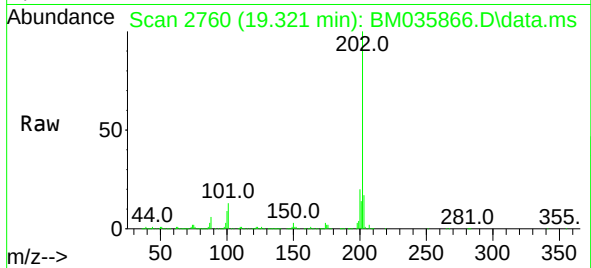
Tgt Ion:149 Resp: 596892
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 8.495 ng
RT: 19.321 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



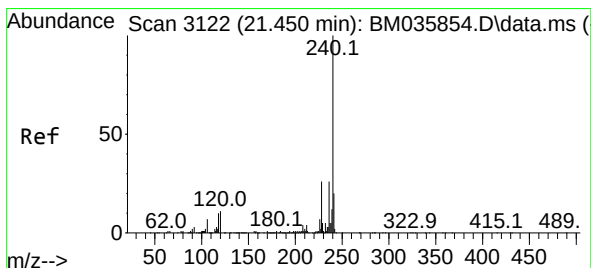
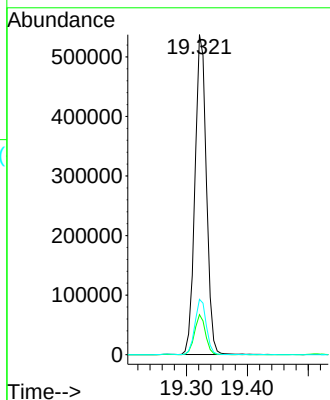
Tgt Ion:202 Resp: 698829
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.6
203 17.3 0.0 37.4

Manual Integrations
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Reviewed By :Christian
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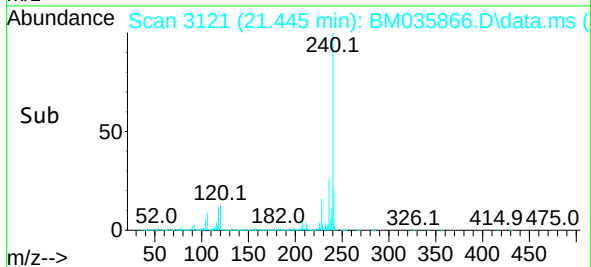
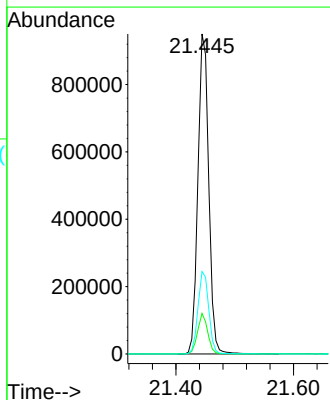
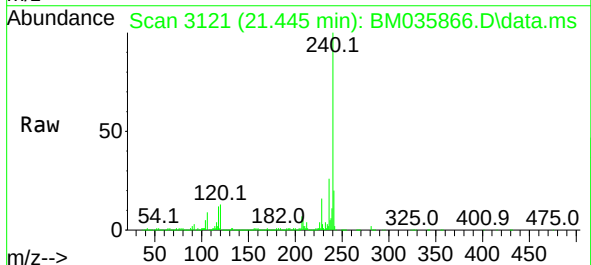
07/20/2022
Supervised By :Jagrut
Upadhyay

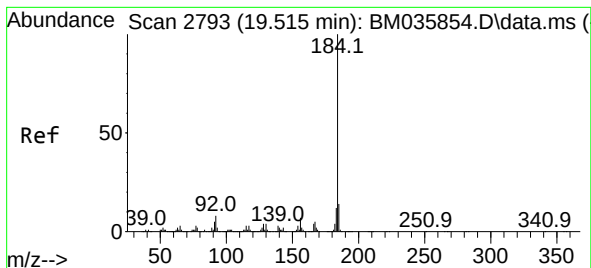
07/20/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

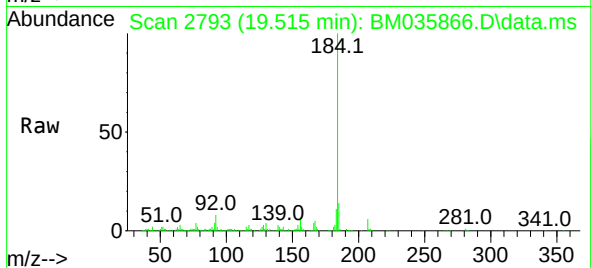
Tgt Ion:240 Resp: 1211204
Ion Ratio Lower Upper
240 100
120 12.6 9.4 14.0
236 25.7 20.6 30.8





#77
Benzidine
Concen: 12.186 ng
RT: 19.515 min Scan# 2793
Delta R.T. 0.000 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



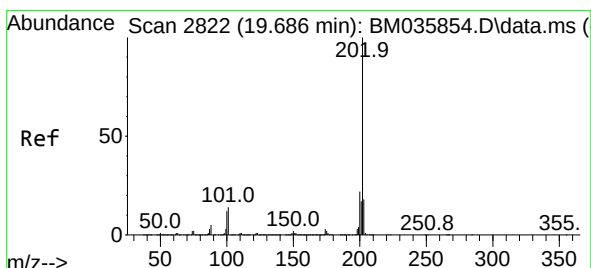
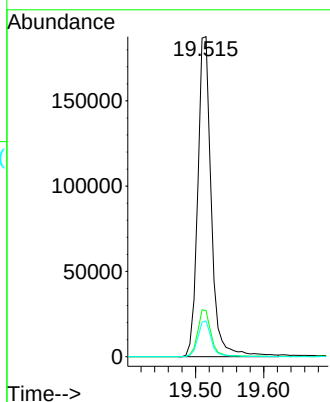
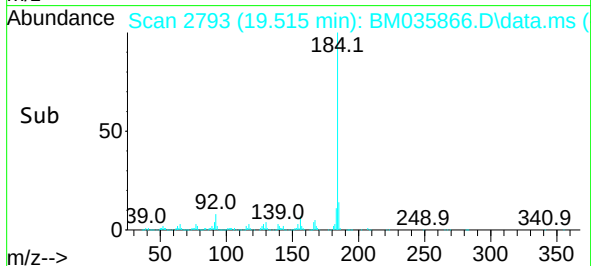
Tgt Ion:184 Resp: 25914
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 11.2 9.5 14.3

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Reviewed By :Christian
Giraldo

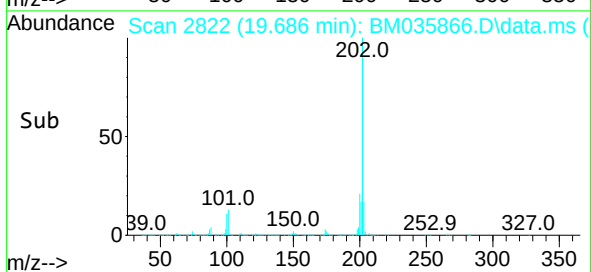
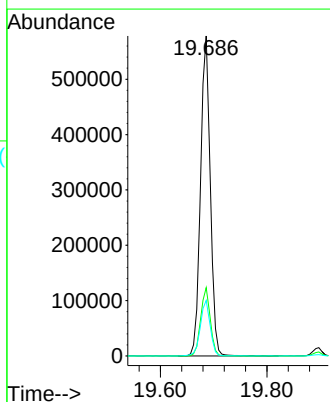
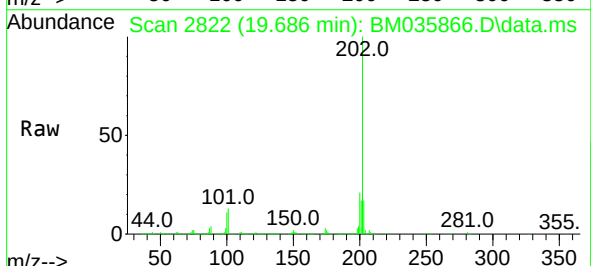
07/20/2022
Supervised By :Jagrut
Upadhyay

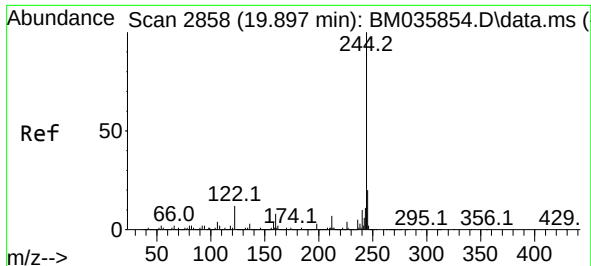
07/20/2022



#78
Pyrene
Concen: 9.239 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

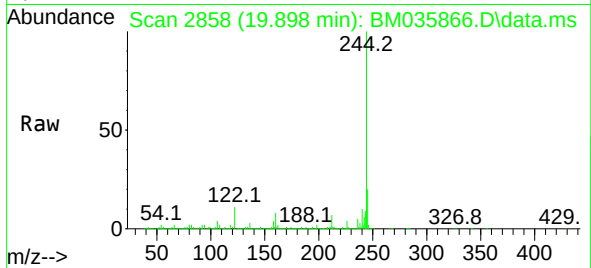
Tgt Ion:202 Resp: 731686
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 17.4 13.9 20.9





#79
 Terphenyl-d14
 Concen: 86.785 ng
 RT: 19.898 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022



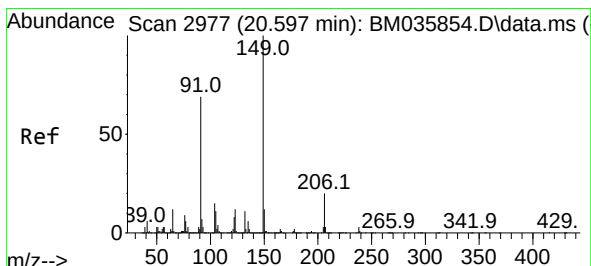
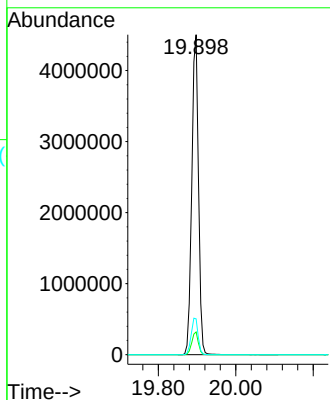
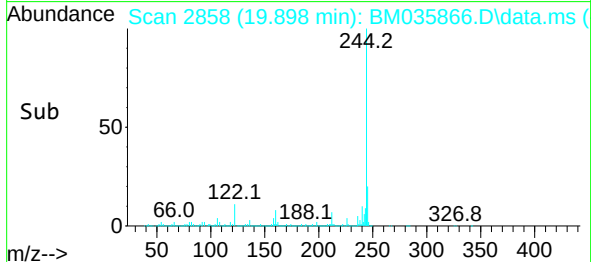
Tgt Ion:244 Resp: 540250
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 11.2 8.3 12.5

Manual Integrations
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Reviewed By :Christian
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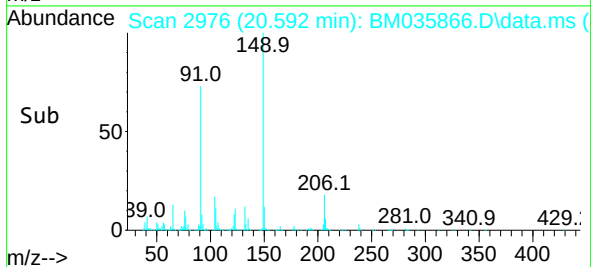
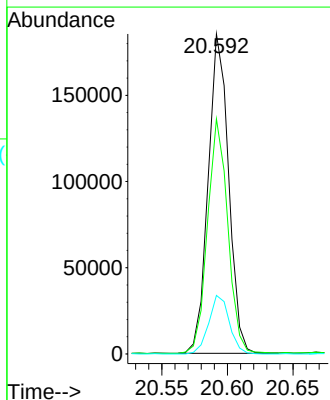
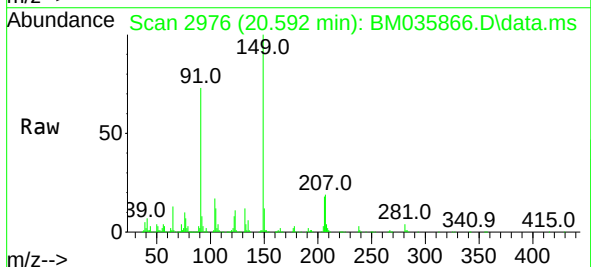
07/20/2022
 Supervised By :Jagrut
 Upadhyay

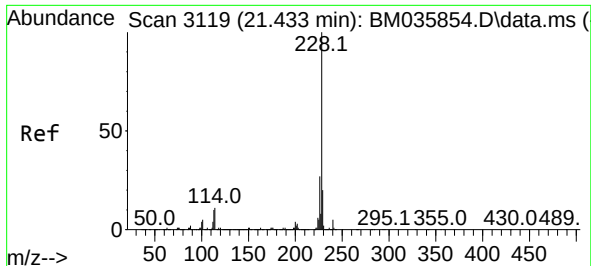
07/20/2022



#80
 Butylbenzylphthalate
 Concen: 7.106 ng
 RT: 20.592 min Scan# 2976
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

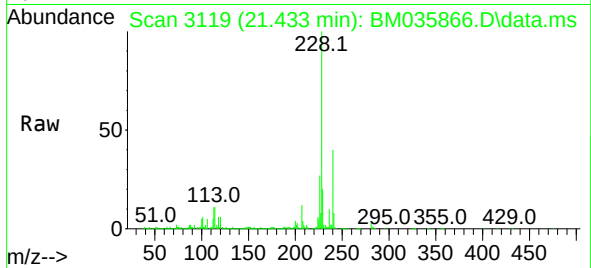
Tgt Ion:149 Resp: 200900
 Ion Ratio Lower Upper
 149 100
 91 73.4 56.6 85.0
 206 18.3 15.4 23.0





#81
Benzo(a)anthracene
Concen: 8.835 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



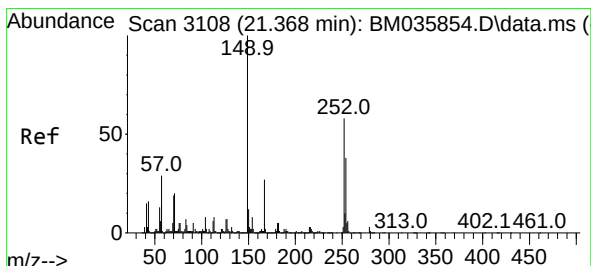
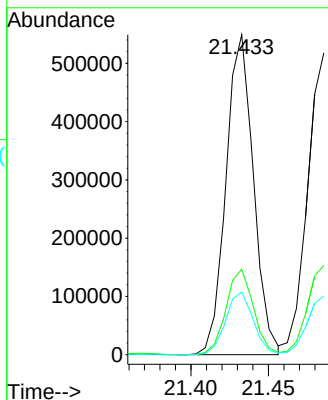
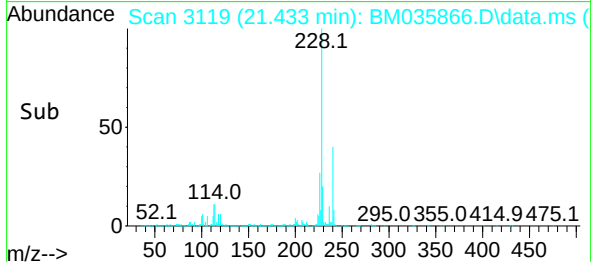
Tgt Ion:228 Resp: 677384
Ion Ratio Lower Upper
228 100
226 26.7 22.3 33.5
229 19.6 15.8 23.6

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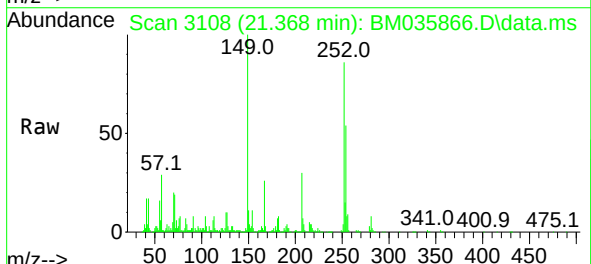
Reviewed By :Christian
Giraldo

07/20/2022
Supervised By :Jagrut
Upadhyay

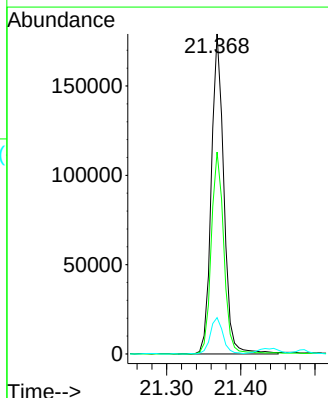
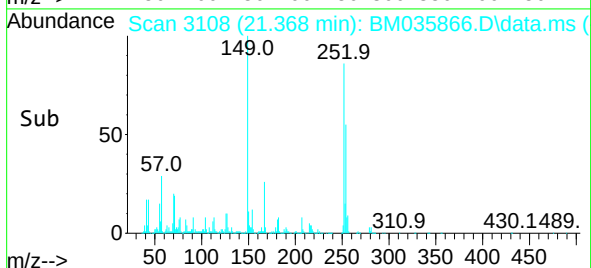
07/20/2022

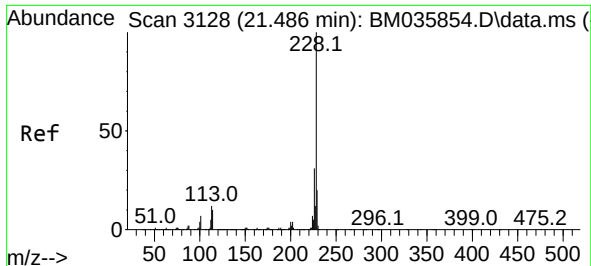


#82
3,3'-Dichlorobenzidine
Concen: 11.711 ng
RT: 21.368 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02



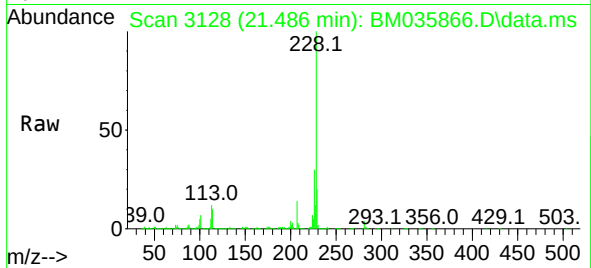
Tgt Ion:252 Resp: 210320
Ion Ratio Lower Upper
252 100
254 63.1 51.7 77.5
126 11.4 9.4 14.0





#83
Chrysene
Concen: 8.752 ng
RT: 21.486 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



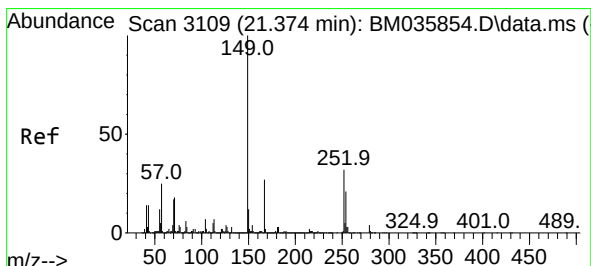
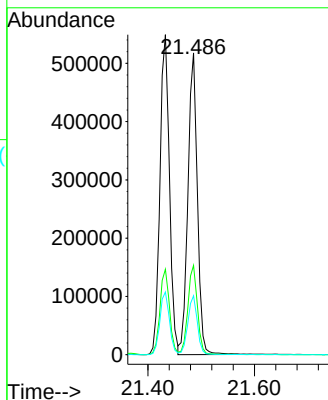
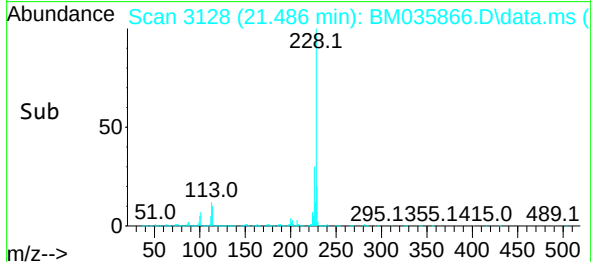
Tgt Ion:228 Resp: 640289
Ion Ratio Lower Upper
228 100
226 29.6 24.4 36.6
229 19.5 15.8 23.8

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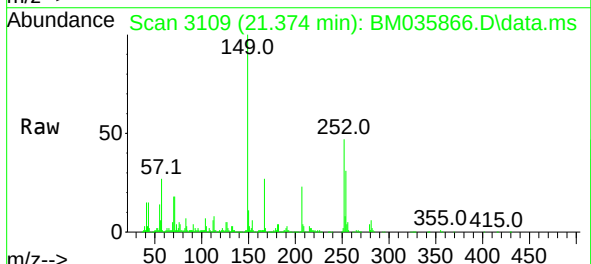
Reviewed By :Christian
Giraldo

07/20/2022
Supervised By :Jagrut
Upadhyay

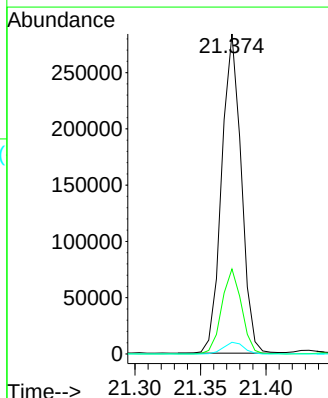
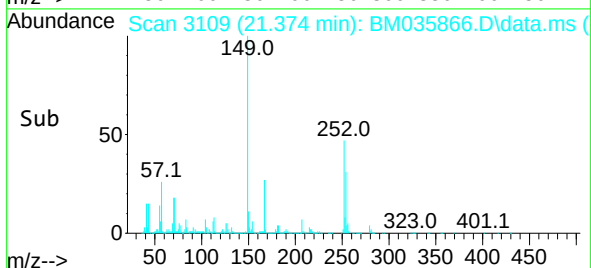
07/20/2022

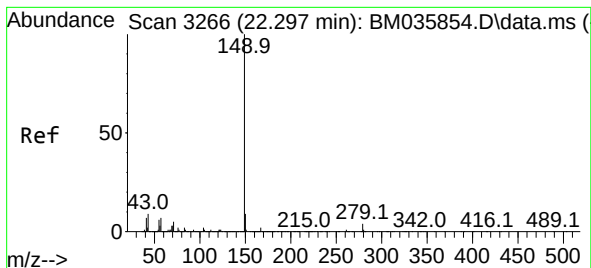


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.395 ng
RT: 21.374 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02



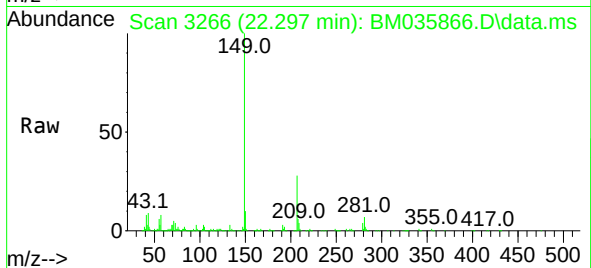
Tgt Ion:149 Resp: 294687
Ion Ratio Lower Upper
149 100
167 26.6 21.1 31.7
279 3.6 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 7.000 ng
RT: 22.297 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



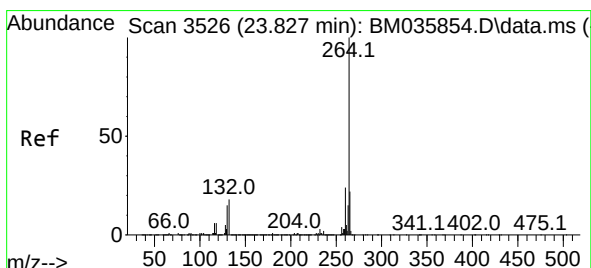
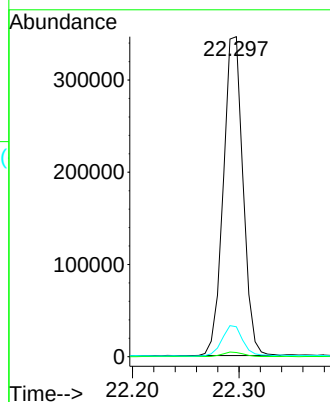
Tgt Ion:149 Resp: 442514
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.1 8.6 12.8

Manual Integrations
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Reviewed By :Christian
Giraldo

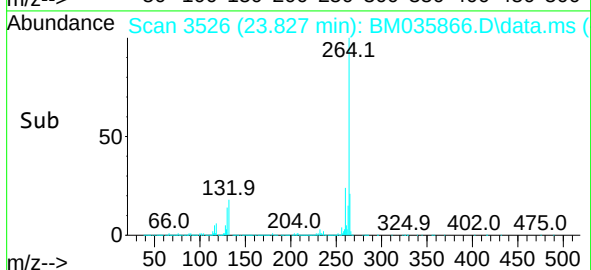
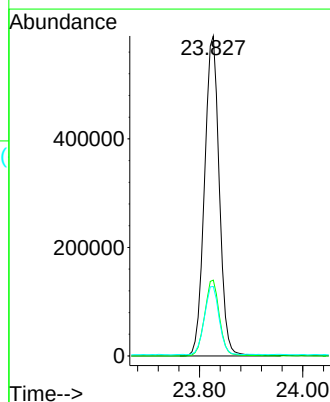
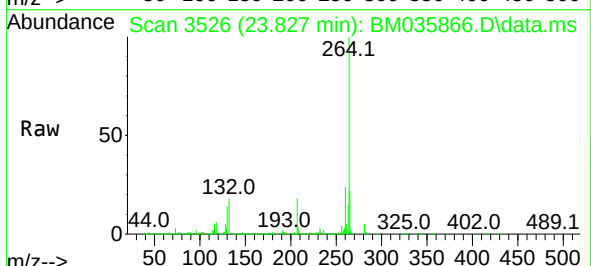
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Supervised By :Jagrut
Upadhyay

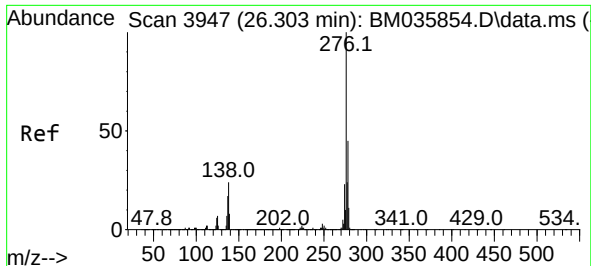
07/20/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.827 min Scan# 3526
Delta R.T. 0.000 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

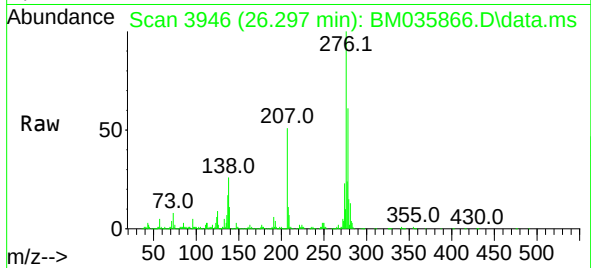
Tgt Ion:264 Resp: 1168206
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 21.7 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.136 ng
RT: 26.297 min Scan# 3402
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



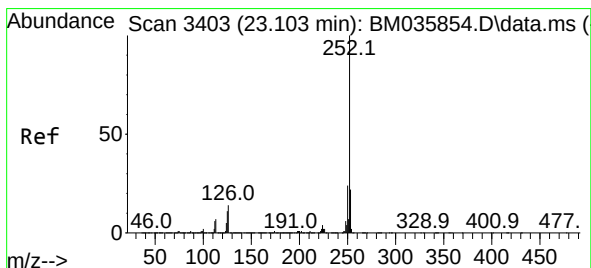
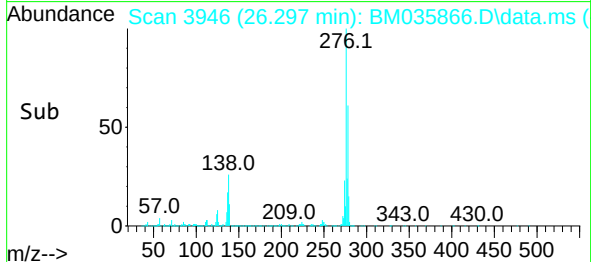
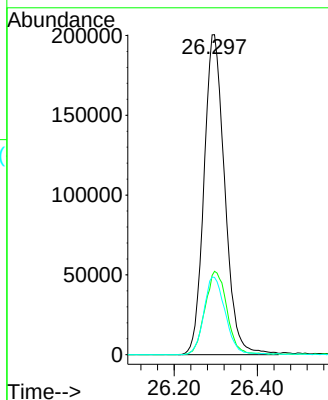
Tgt Ion:276 Resp: 69445
Ion Ratio Lower Upper
276 100
138 27.6 20.2 30.4
277 25.2 20.2 30.2

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Reviewed By :Christian
Giraldo

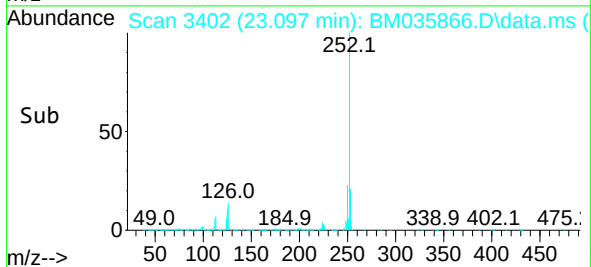
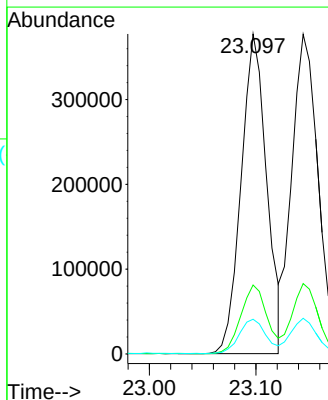
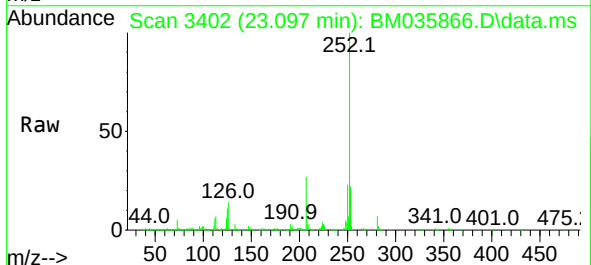
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Supervised By :Jagrut
Upadhyay

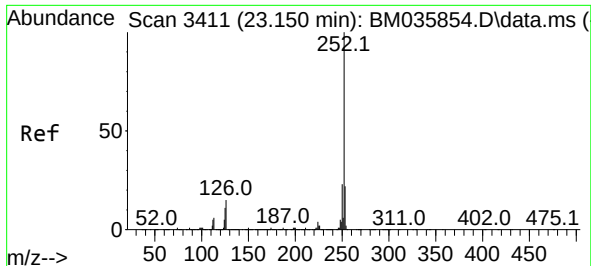
07/20/2022



#88
Benzo(b)fluoranthene
Concen: 9.047 ng
RT: 23.097 min Scan# 3402
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

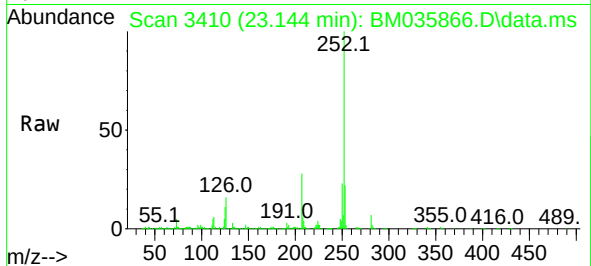
Tgt Ion:252 Resp: 629125
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 10.8 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 9.086 ng
RT: 23.144 min Scan# 3411
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2022



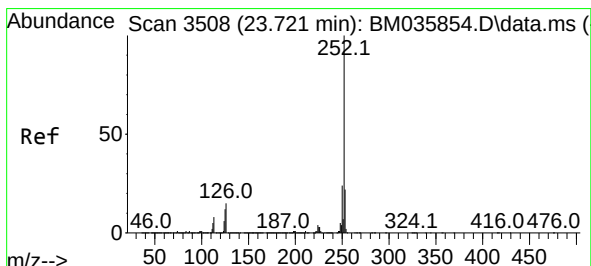
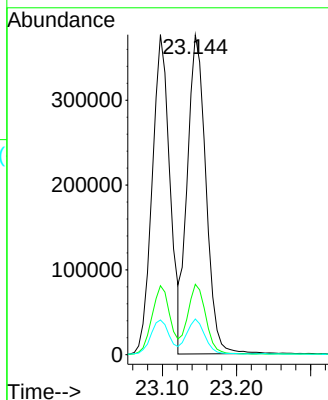
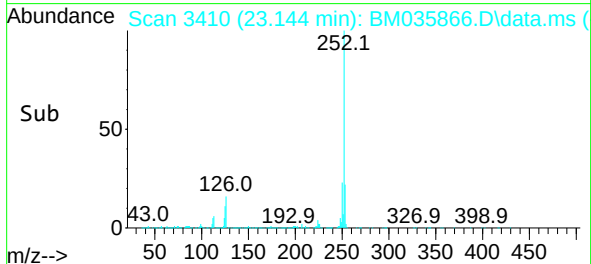
Tgt Ion:252 Resp: 65382
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.2 7.6 11.4

Manual Integrations
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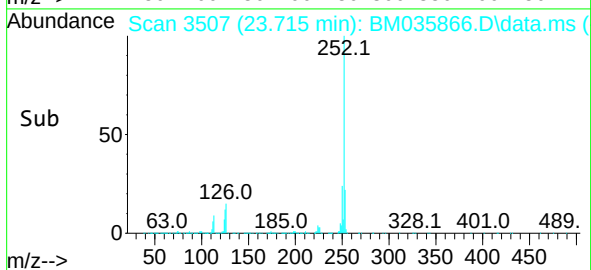
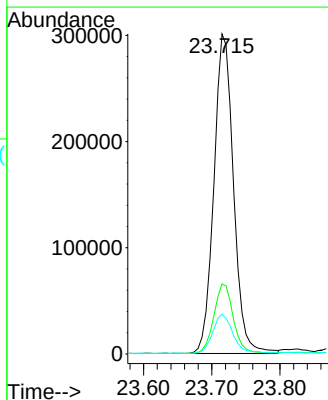
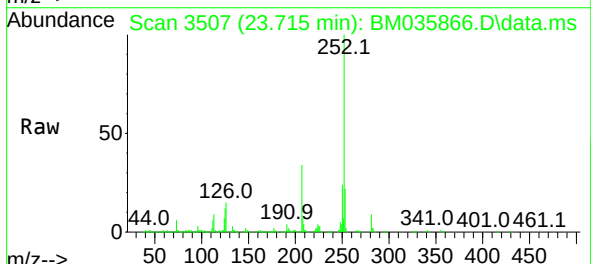
07/20/2022
Supervised By :Jagrut
Upadhyay

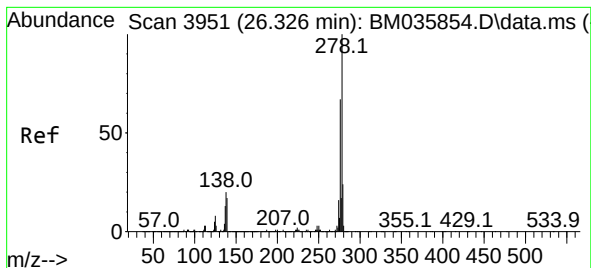
07/20/2022



#90
Benzo(a)pyrene
Concen: 10.184 ng
RT: 23.715 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

Tgt Ion:252 Resp: 602790
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 12.5 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 8.705 ng

RT: 26.315 min Scan# 3951

Delta R.T. -0.012 min

Lab File: BM035866.D

Acq: 19 Jul 2022 16:02

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 278 Resp: 617430

Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.9	19.3
279	24.0	18.7	28.1

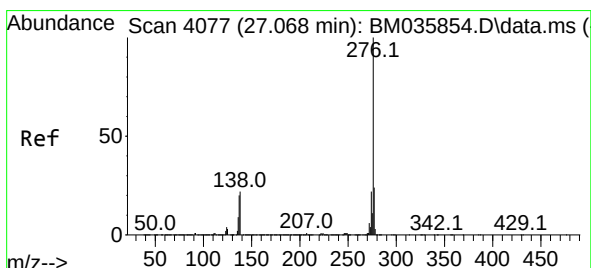
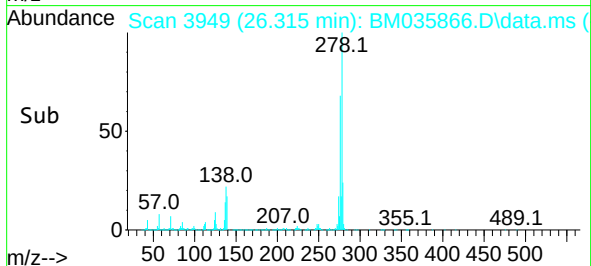
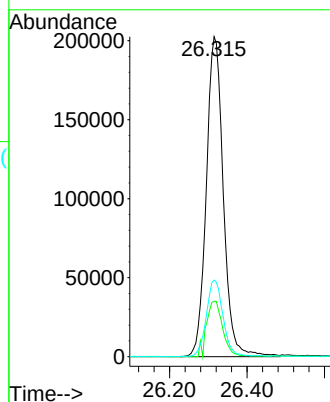
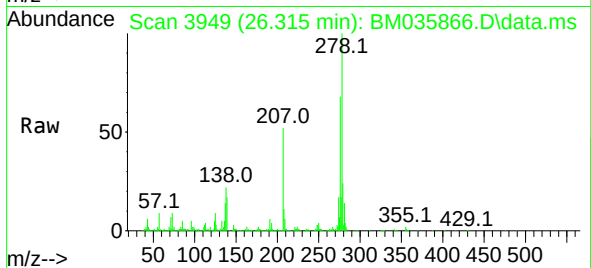
Manual Integrations
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Reviewed By : Christian
Giraldo

07/20/2022

Supervised By : Jagrut
Upadhyay

07/20/2022



#92

Benzo(g,h,i)perylene

Concen: 8.809 ng

RT: 27.056 min Scan# 4075

Delta R.T. -0.012 min

Lab File: BM035866.D

Acq: 19 Jul 2022 16:02

Tgt Ion: 276 Resp: 616189

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	23.1	17.6	26.4

