

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041287.D
 Acq On : 04 Aug 2023 10:38
 Operator : MA/JU
 Sample : 03854-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

08/07/2023
 Supervised By :mohammad
 ahmed

Quant Time: Aug 04 12:12:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	151197	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	641163	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	414947	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	957975	20.000	ng	0.00
76) Chrysene-d12	21.433	240	924548	20.000	ng	0.00
86) Perylene-d12	23.803	264	936138	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1134766	112.172	ng	0.00
7) Phenol-d6	6.981	99	1417225	108.076	ng	0.00
23) Nitrobenzene-d5	8.975	82	1043344	75.675	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	840227	143.159	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2460216	74.898	ng	0.00
79) Terphenyl-d14	19.862	244	4437216	86.775	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	126630	29.261	ng	# 43
3) Pyridine	3.681	79	326812	28.721	ng	94
4) n-Nitrosodimethylamine	3.587	42	179944	34.192	ng	89
6) Aniline	7.134	93	357169	23.274	ng	97
8) 2-Chlorophenol	7.363	128	452455	45.814	ng	97
9) Benzaldehyde	6.945	77	194484m	28.108	ng	
10) Phenol	7.010	94	527299	41.634	ng	98
11) bis(2-Chloroethyl)ether	7.228	93	431548	42.094	ng	97
12) 1,3-Dichlorobenzene	7.681	146	461364	42.917	ng	99
13) 1,4-Dichlorobenzene	7.828	146	477247	44.168	ng	100
14) 1,2-Dichlorobenzene	8.145	146	463293	44.718	ng	99
15) Benzyl Alcohol	8.051	79	450671	54.421	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	522198	38.229	ng	95
17) 2-Methylphenol	8.257	107	388870	44.942	ng	99
18) Hexachloroethane	8.863	117	178982	44.493	ng	89
19) n-Nitroso-di-n-propyla...	8.616	70	374351	47.000	ng	95
20) 3+4-Methylphenols	8.586	107	531655	45.954	ng	98
22) Acetophenone	8.633	105	711493	41.900	ng	98
24) Nitrobenzene	9.016	77	551420	39.549	ng	100
25) Isophorone	9.539	82	1062873	45.414	ng	99
26) 2-Nitrophenol	9.722	139	259736	47.654	ng	94
27) 2,4-Dimethylphenol	9.792	122	407859	42.525	ng	99
28) bis(2-Chloroethoxy)met...	10.022	93	618090	42.161	ng	99
29) 2,4-Dichlorophenol	10.257	162	478231	49.444	ng	99
30) 1,2,4-Trichlorobenzene	10.463	180	480972	45.009	ng	99
31) Naphthalene	10.651	128	1387205	39.870	ng	100
32) Benzoic acid	9.951	122	181654	28.614	ng	97
33) 4-Chloroaniline	10.786	127	101022	7.265	ng	97
34) Hexachlorobutadiene	10.916	225	296084	46.069	ng	98
35) Caprolactam	11.610	113	134483m	48.065	ng	
36) 4-Chloro-3-methylphenol	11.922	107	512021	50.296	ng	97
37) 2-Methylnaphthalene	12.269	142	996464	42.481	ng	99
38) 1-Methylnaphthalene	12.492	142	955604	43.527	ng	100
40) 1,2,4,5-Tetrachloroben...	12.645	216	570298	42.326	ng	# 97
41) Hexachlorocyclopentadiene	12.604	237	496544	69.658	ng	98
43) 2,4,6-Trichlorophenol	12.898	196	416443	48.222	ng	97

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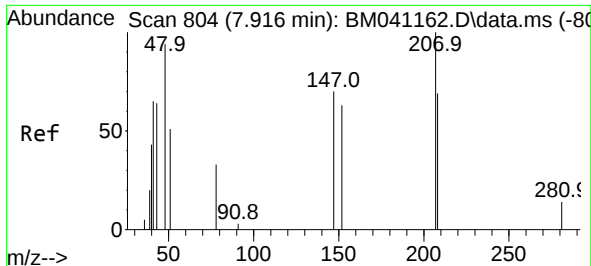
Reviewed By :Yogesh
 Patel

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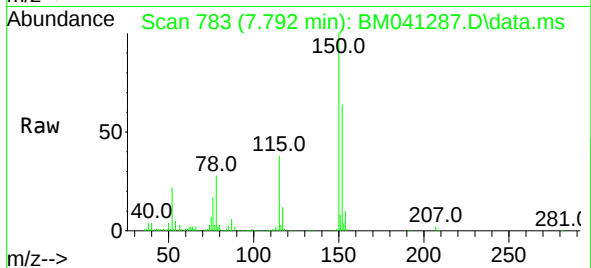
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	464007	46.422	ng	93
46) 1,1'-Biphenyl	13.292	154	1350605	40.150	ng	98
47) 2-Chloronaphthalene	13.333	162	1069229	42.569	ng	99
48) 2-Nitroaniline	13.563	65	367039	45.780	ng	94
49) Acenaphthylene	14.186	152	1749408	43.151	ng	100
50) Dimethylphthalate	13.933	163	1468875	47.060	ng	100
51) 2,6-Dinitrotoluene	14.063	165	314074	48.563	ng	95
52) Acenaphthene	14.527	154	1002606	41.051	ng	100
53) 3-Nitroaniline	14.392	138	218848	30.250	ng	95
54) 2,4-Dinitrophenol	14.615	184	215978	51.680	ng	# 87
55) Dibenzofuran	14.863	168	1698014	42.612	ng	99
56) 4-Nitrophenol	14.721	139	478163	88.713	ng	95
57) 2,4-Dinitrotoluene	14.857	165	449102	48.592	ng	94
58) Fluorene	15.515	166	1381116	43.935	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	412599	50.976	ng	95
60) Diethylphthalate	15.298	149	1424727	47.201	ng	98
61) 4-Chlorophenyl-phenyle...	15.510	204	725117	46.032	ng	97
62) 4-Nitroaniline	15.568	138	296745	43.450	ng	97
63) Azobenzene	15.810	77	1386592	41.937	ng	95
65) 4,6-Dinitro-2-methylph...	15.627	198	187489	32.307	ng	87
66) n-Nitrosodiphenylamine	15.733	169	1194760	40.101	ng	99
67) 4-Bromophenyl-phenylether	16.409	248	460496	43.842	ng	98
68) Hexachlorobenzene	16.521	284	544095	46.586	ng	96
69) Atrazine	16.698	200	463792	59.276	ng	100
70) Pentachlorophenol	16.880	266	626044	77.409	ng	99
71) Phenanthrene	17.268	178	2206177	41.450	ng	100
72) Anthracene	17.356	178	2243134	42.612	ng	100
73) Carbazole	17.639	167	2100890	44.094	ng	100
74) Di-n-butylphthalate	18.198	149	2614362	48.558	ng	99
75) Fluoranthene	19.292	202	2743827	45.885	ng	99
77) Benzidine	19.492	184	608460	48.285	ng	100
78) Pyrene	19.656	202	2870603	44.399	ng	99
80) Butylbenzylphthalate	20.562	149	1231147	52.143	ng	94
81) Benzo(a)anthracene	21.415	228	2856199	45.570	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	573069	28.020	ng	99
83) Chrysene	21.468	228	2571441	42.416	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1834968	48.889	ng	97
85) Di-n-octyl phthalate	22.250	149	3113166	52.171	ng	95
87) Indeno(1,2,3-cd)pyrene	26.274	276	2630237	38.216	ng	# 95
88) Benzo(b)fluoranthene	23.085	252	2626871	47.235	ng	# 98
89) Benzo(k)fluoranthene	23.138	252	2525390m	44.394	ng	
90) Benzo(a)pyrene	23.703	252	2187898	40.945	ng	# 97
91) Dibenzo(a,h)anthracene	26.279	278	2206190	38.431	ng	97
92) Benzo(g,h,i)perylene	27.026	276	2021114	35.981	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 7
Delta R.T. -0.001 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
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BERGENFIELD-SOIL-COMPM5



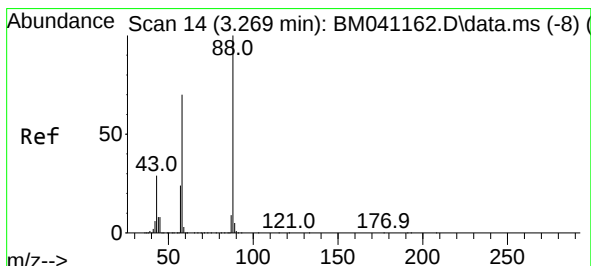
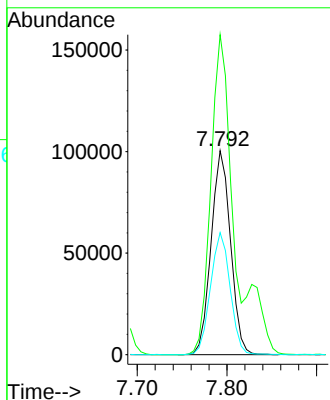
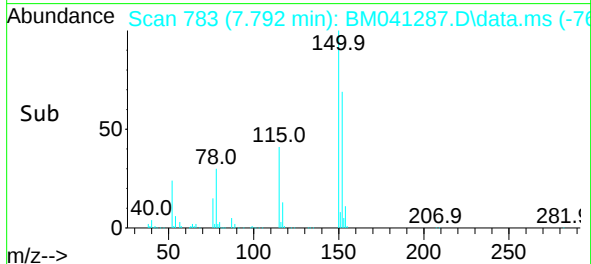
Tgt Ion:152 Resp: 15119
Ion Ratio Lower Upper
152 100
150 156.8 125.5 188.3
115 59.8 48.0 72.0

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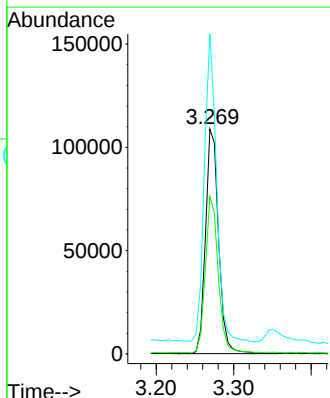
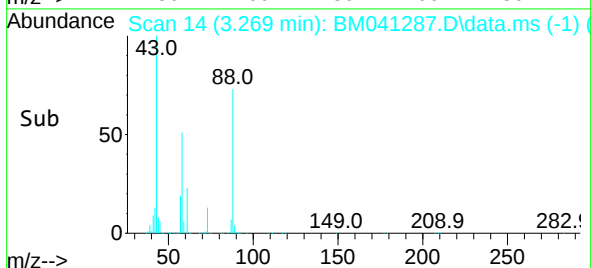
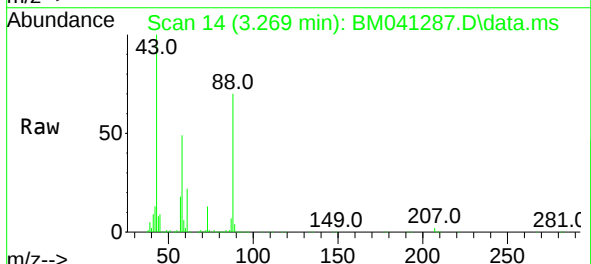
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ahmed

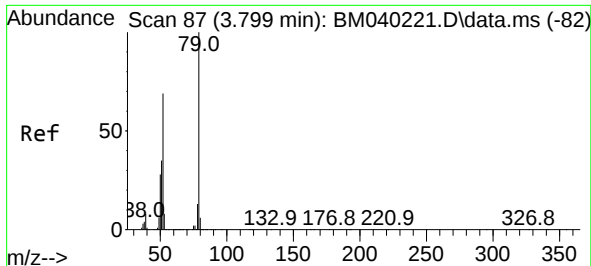
08/07/2023



#2
1,4-Dioxane
Concen: 29.261 ng
RT: 3.269 min Scan# 14
Delta R.T. 0.012 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

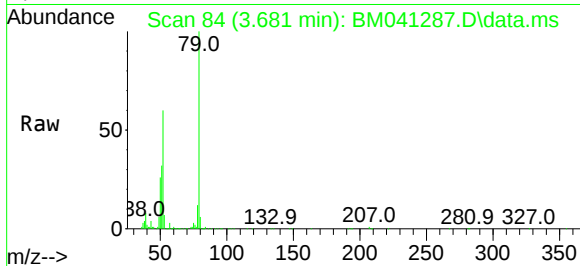
Tgt Ion: 88 Resp: 126630
Ion Ratio Lower Upper
88 100
58 68.0 58.2 87.4
43 128.6 24.4 36.6





#3
 Pyridine
 Concen: 28.721 ng
 RT: 3.681 min Scan# 84
 Delta R.T. 0.017 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

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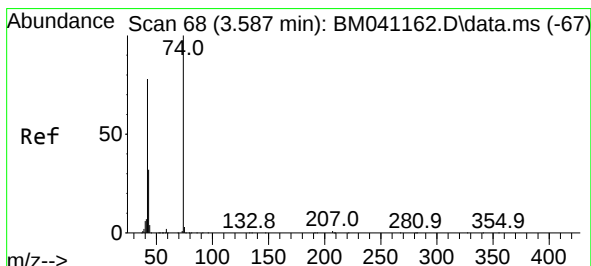
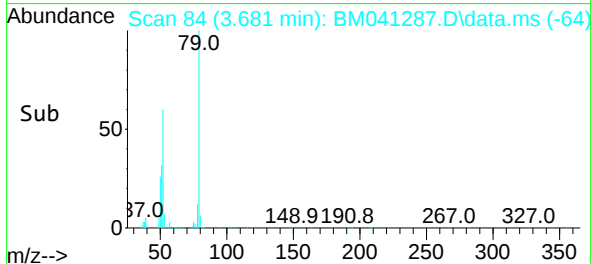
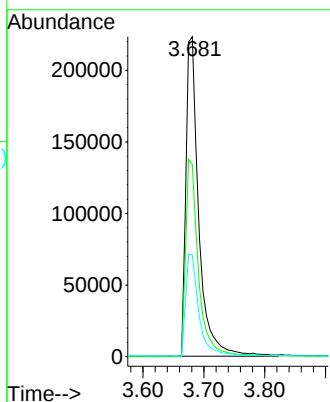
Tgt Ion: 79 Resp: 326812
 Ion Ratio Lower Upper
 79 100
 52 60.1 52.1 78.1
 51 31.8 27.5 41.3

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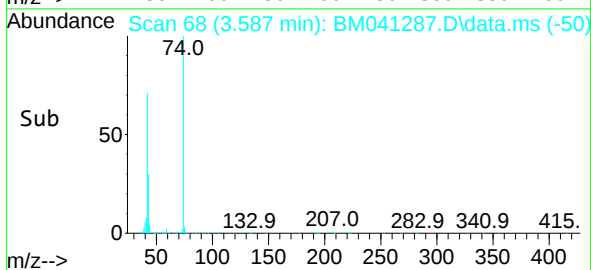
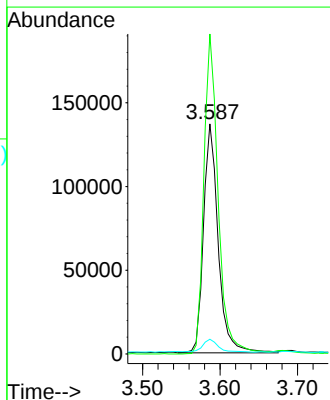
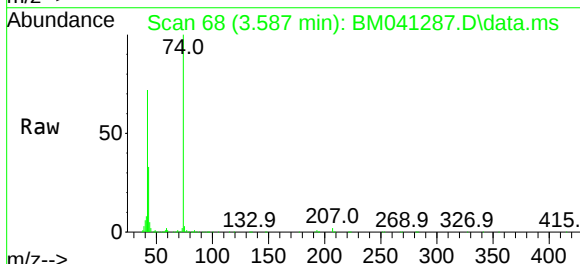
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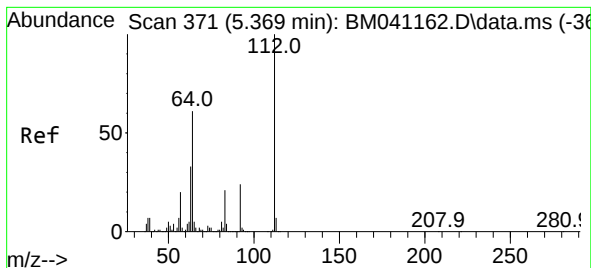
08/07/2023



#4
 n-Nitrosodimethylamine
 Concen: 34.192 ng
 RT: 3.587 min Scan# 68
 Delta R.T. 0.006 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

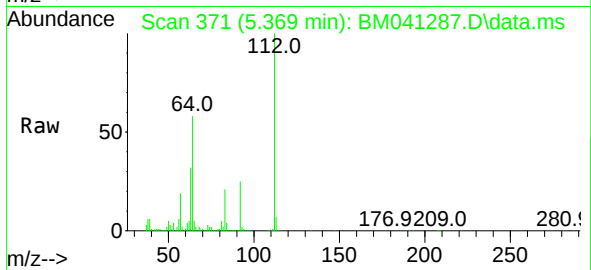
Tgt Ion: 42 Resp: 179944
 Ion Ratio Lower Upper
 42 100
 74 139.1 100.8 151.2
 44 6.4 5.0 7.4





#5
2-Fluorophenol
Concen: 112.172 ng
RT: 5.369 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



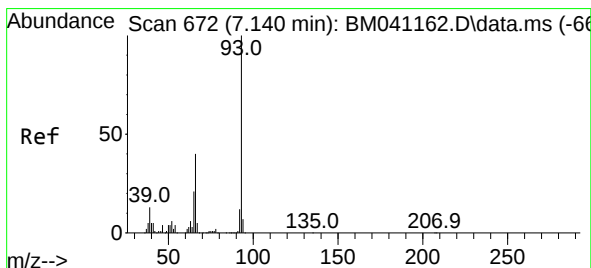
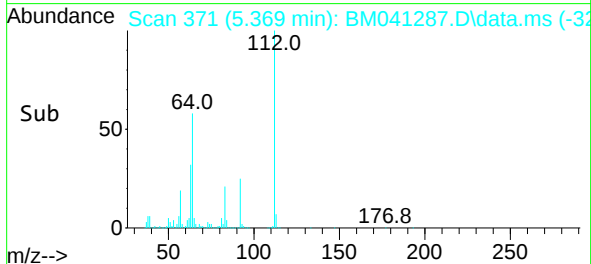
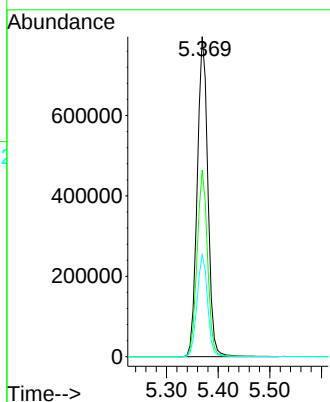
Tgt Ion:112 Resp: 1134760
Ion Ratio Lower Upper
112 100
64 58.3 48.5 72.7
63 31.8 26.5 39.7

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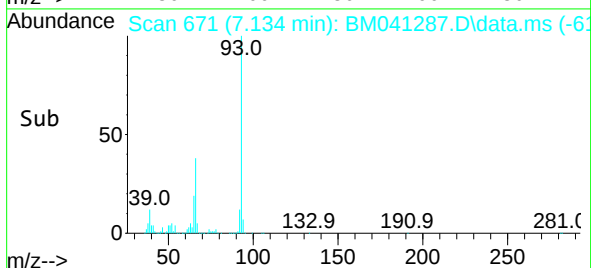
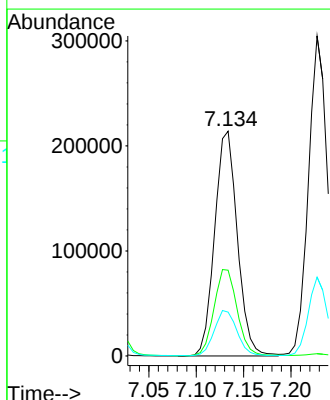
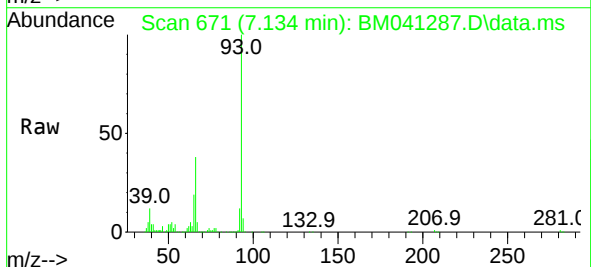
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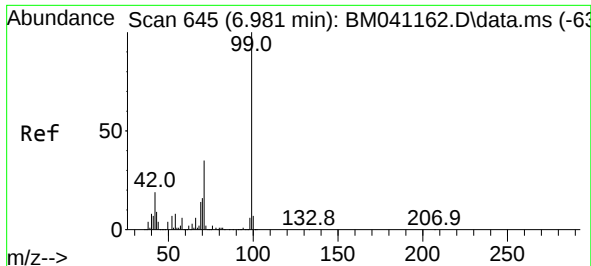
08/07/2023



#6
Aniline
Concen: 23.274 ng
RT: 7.134 min Scan# 671
Delta R.T. 0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

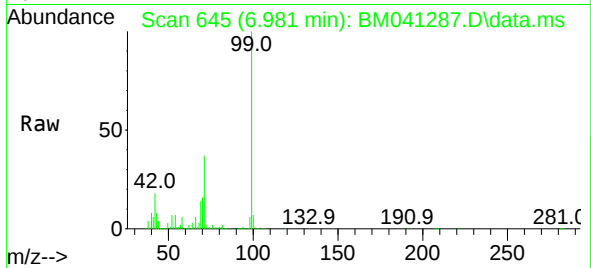
Tgt Ion: 93 Resp: 357169
Ion Ratio Lower Upper
93 100
66 38.2 32.0 48.0
65 19.5 16.6 24.8





#7
Phenol-d6
Concen: 108.076 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

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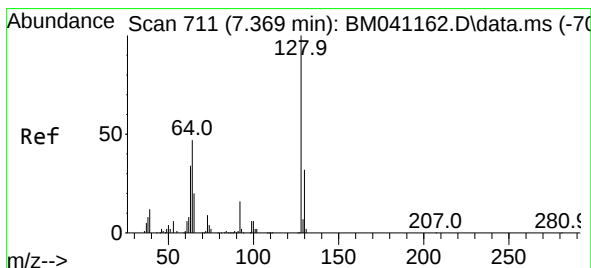
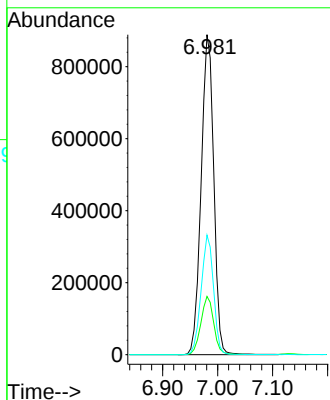
Tgt Ion: 99 Resp: 1417225
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.4 28.2 42.4

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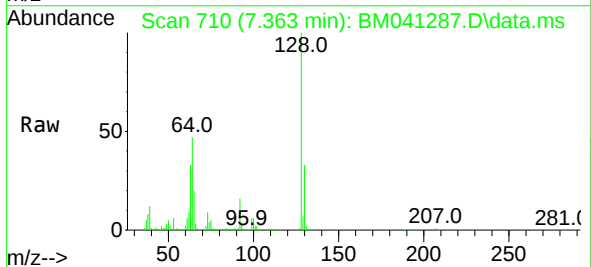
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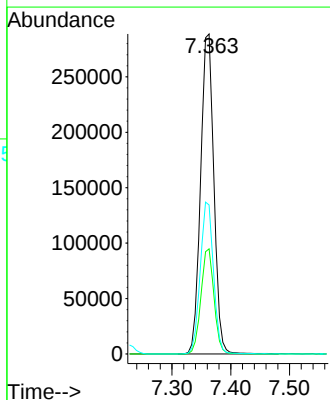
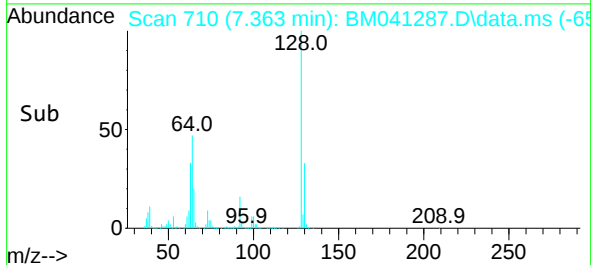
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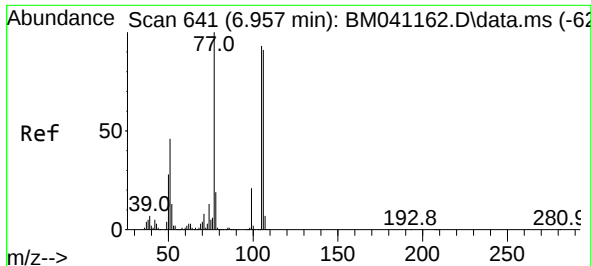


#8
2-Chlorophenol
Concen: 45.814 ng
RT: 7.363 min Scan# 710
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38



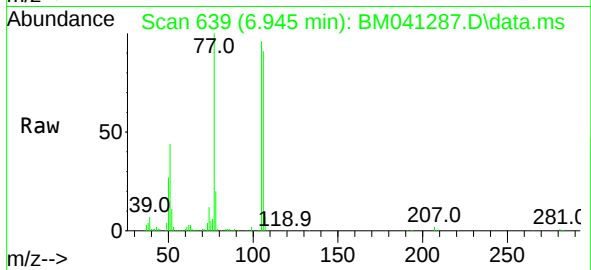
Tgt Ion:128 Resp: 452455
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 46.5 29.3 69.3





#9
Benzaldehyde
Concen: 28.108 ng m
RT: 6.945 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



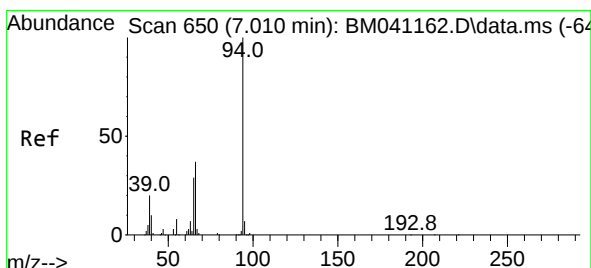
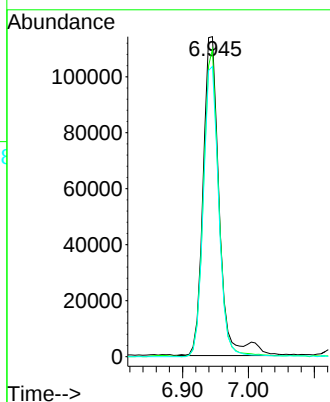
Tgt Ion: 77 Resp: 194484
Ion Ratio Lower Upper
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106 90.7 70.8 110.8

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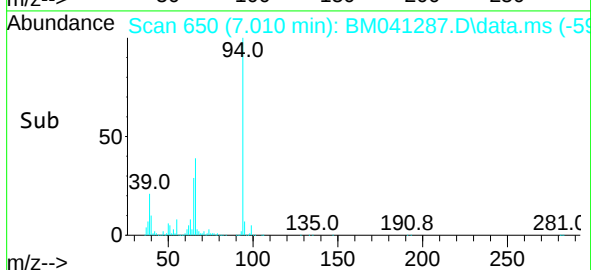
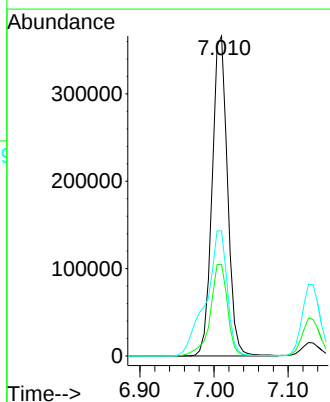
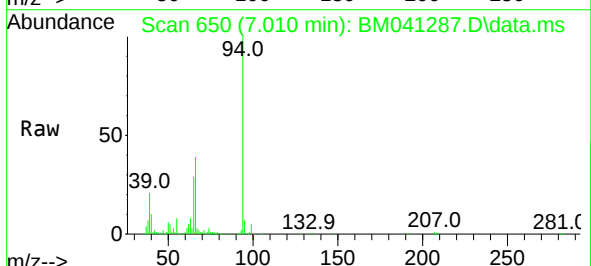
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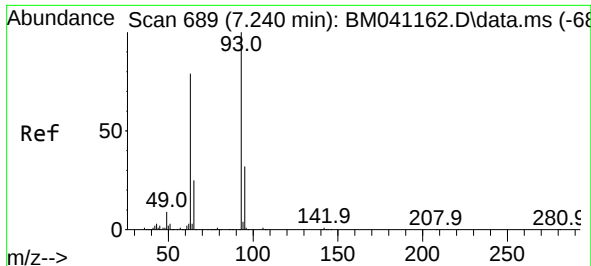
08/07/2023



#10
Phenol
Concen: 41.634 ng
RT: 7.010 min Scan# 650
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

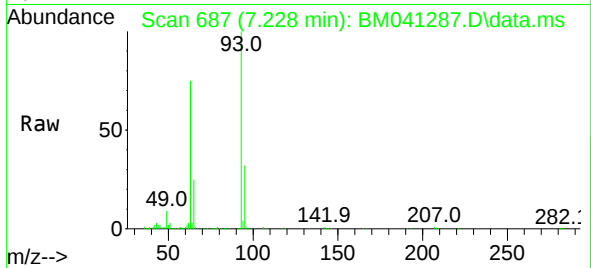
Tgt Ion: 94 Resp: 527299
Ion Ratio Lower Upper
94 100
65 28.7 9.5 49.5
66 39.1 18.0 58.0





#11
bis(2-Chloroethyl)ether
Concen: 42.094 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



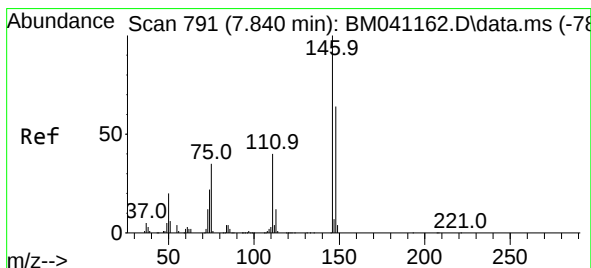
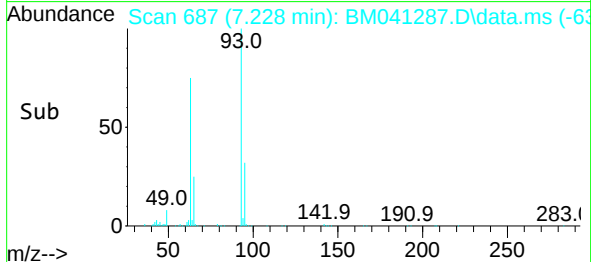
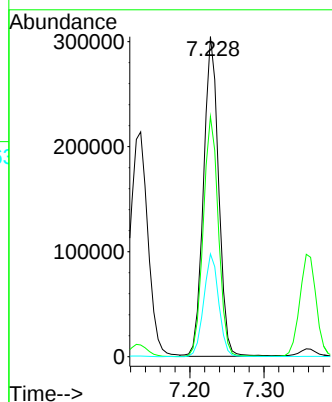
Tgt Ion: 93 Resp: 431548
Ion Ratio Lower Upper
93 100
63 75.0 58.8 98.8
95 32.1 11.8 51.8

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Reviewed By :Yogesh
Patel

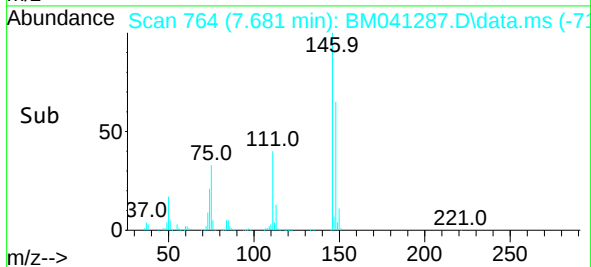
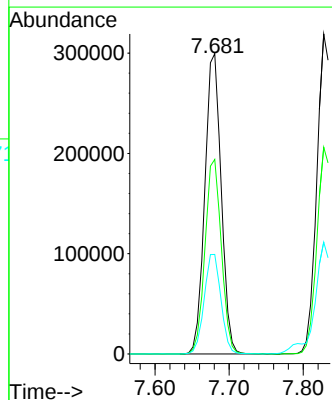
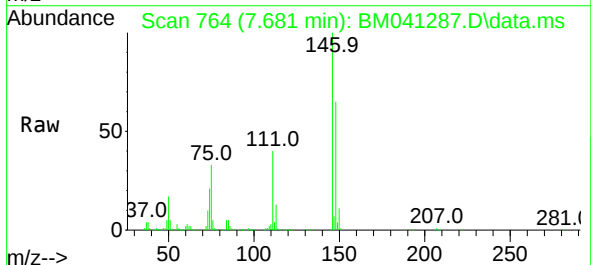
08/07/2023
Supervised By :mohammad
ahmed

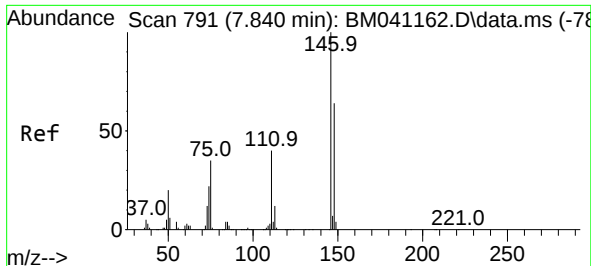
08/07/2023



#12
1,3-Dichlorobenzene
Concen: 42.917 ng
RT: 7.681 min Scan# 764
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

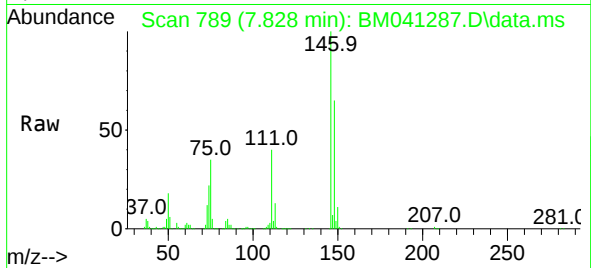
Tgt Ion:146 Resp: 461364
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 33.1 28.3 42.5





#13
1,4-Dichlorobenzene
Concen: 44.168 ng
RT: 7.828 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



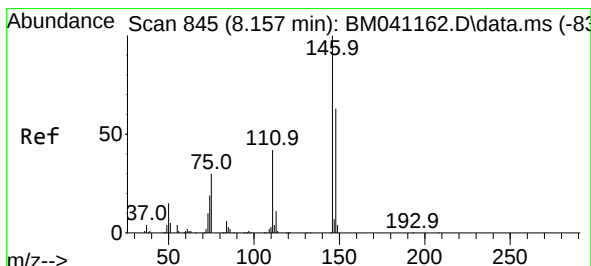
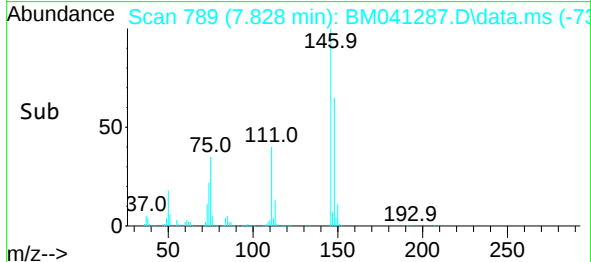
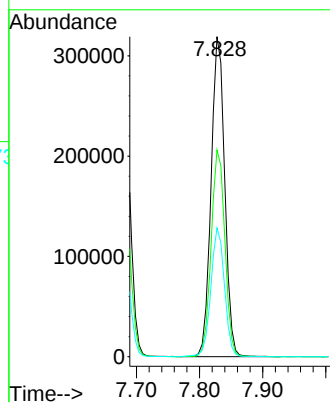
Tgt Ion:146 Resp: 47724
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
111 40.2 32.4 48.6

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Reviewed By :Yogesh
Patel

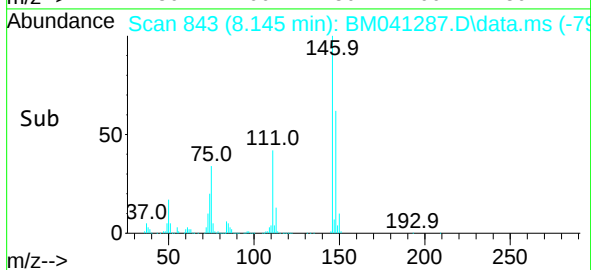
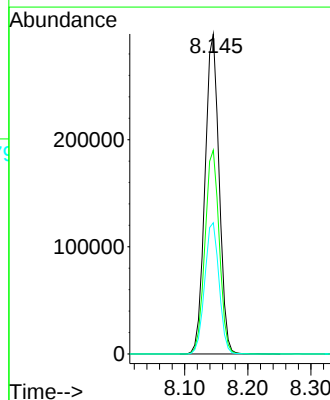
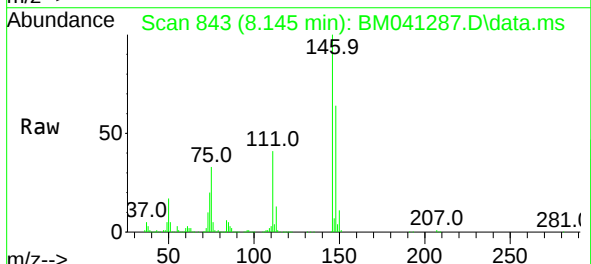
08/07/2023
Supervised By :mohammad
ahmed

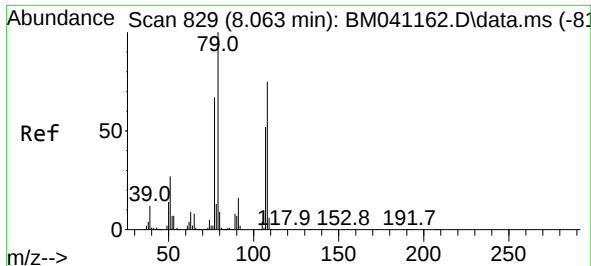
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#14
1,2-Dichlorobenzene
Concen: 44.718 ng
RT: 8.145 min Scan# 843
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:146 Resp: 463293
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
111 41.0 33.8 50.6





#15
Benzyl Alcohol
Concen: 54.421 ng
RT: 8.051 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS

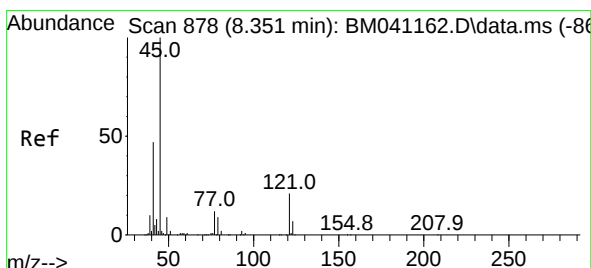
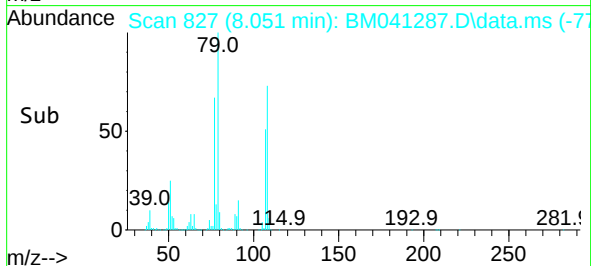
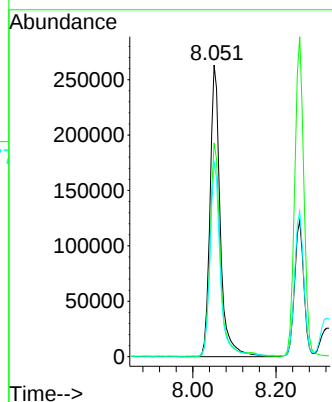
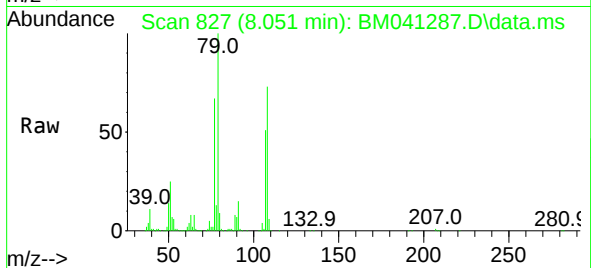
Tgt Ion: 79 Resp: 45067
Ion Ratio Lower Upper
79 100
108 73.3 59.8 89.8
77 66.7 53.8 80.6

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Reviewed By :Yogesh
Patel

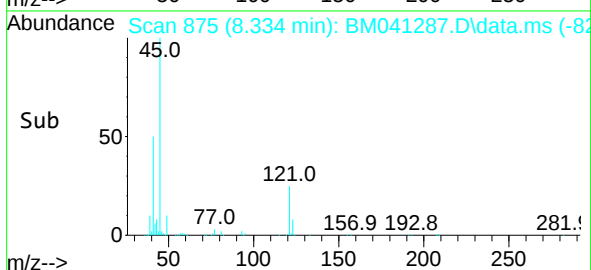
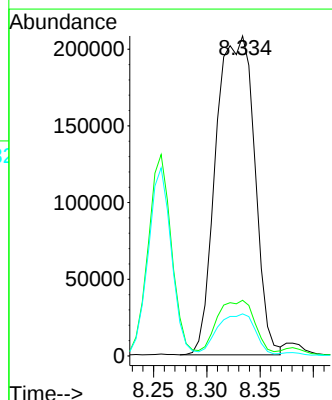
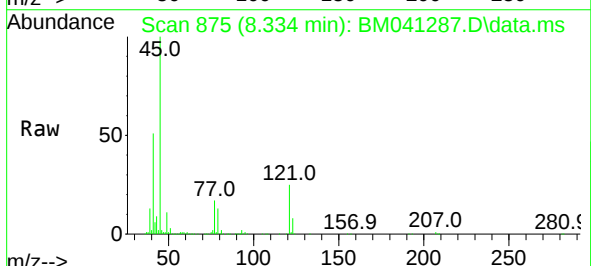
08/07/2023
Supervised By :mohammad
ahmed

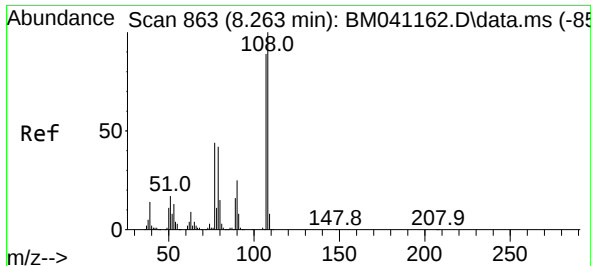
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.229 ng
RT: 8.334 min Scan# 875
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

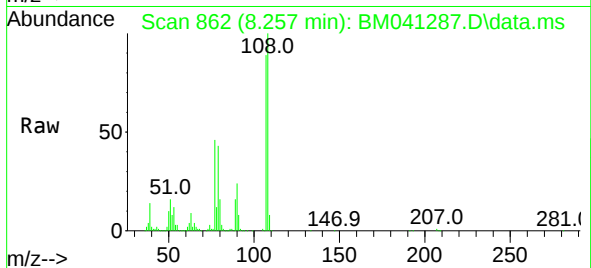
Tgt Ion: 45 Resp: 522198
Ion Ratio Lower Upper
45 100
77 17.4 0.0 34.5
79 13.1 0.0 32.1





#17
2-Methylphenol
Concen: 44.942 ng
RT: 8.257 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



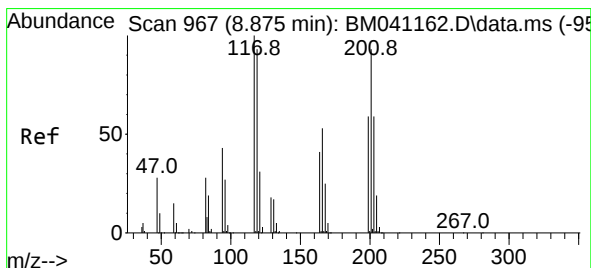
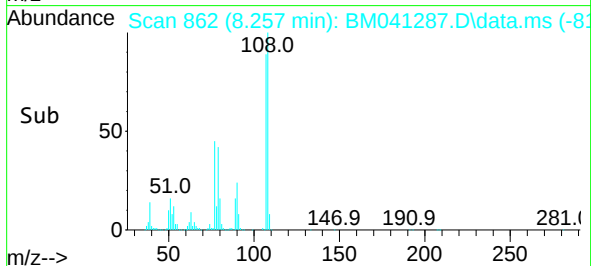
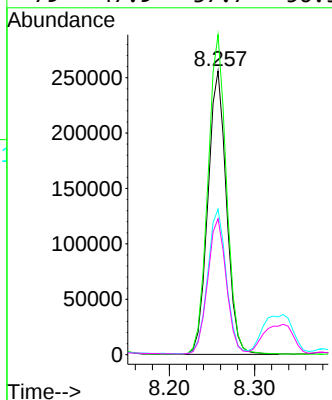
Tgt Ion:107 Resp: 388870
Ion Ratio Lower Upper
107 100
108 112.8 89.9 134.9
77 51.3 39.8 59.8
79 47.9 37.7 56.5

Manual Integrations
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Reviewed By :Yogesh
Patel

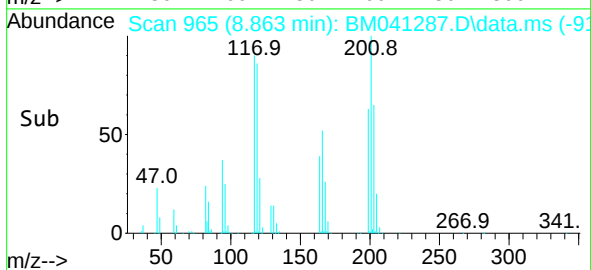
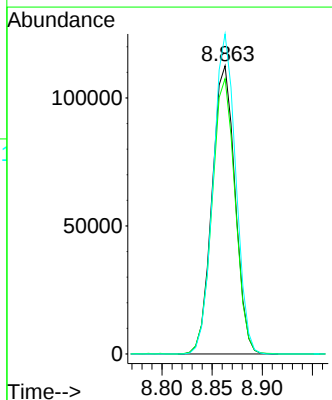
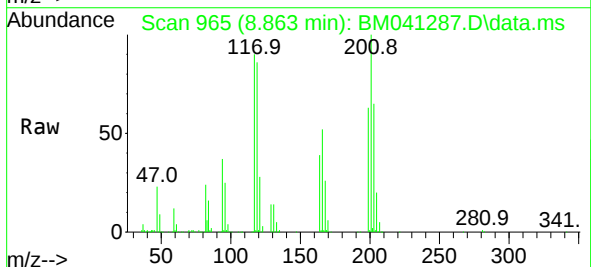
08/07/2023
Supervised By :mohammad
ahmed

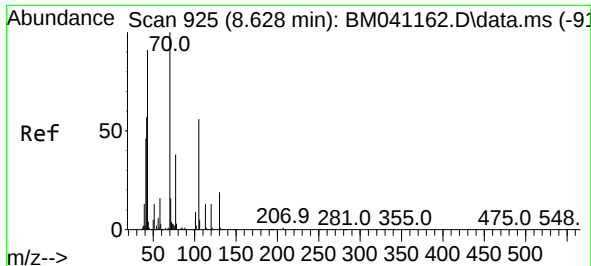
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#18
Hexachloroethane
Concen: 44.493 ng
RT: 8.863 min Scan# 965
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

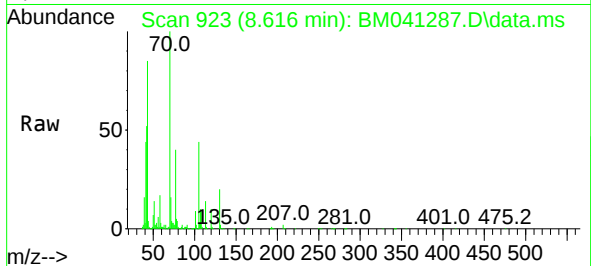
Tgt Ion:117 Resp: 178982
Ion Ratio Lower Upper
117 100
119 95.6 74.2 111.4
201 111.1 74.5 111.7





#19
n-Nitroso-di-n-propylamine
Concen: 47.000 ng
RT: 8.616 min Scan# 918
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
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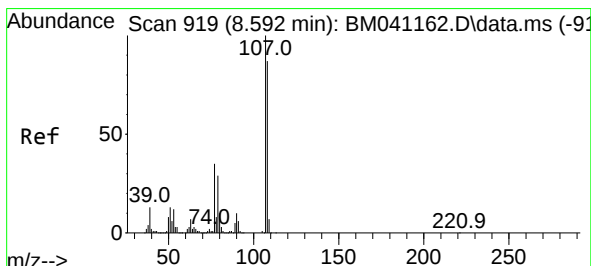
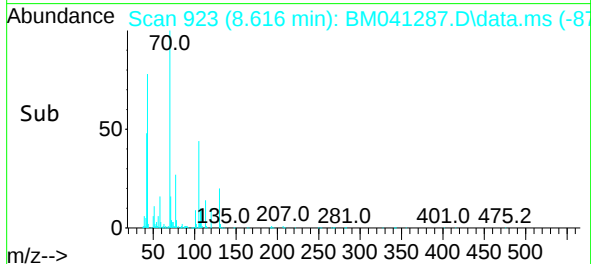
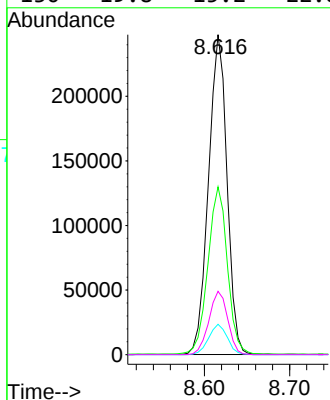
Tgt Ion: 70 Resp: 37435
Ion Ratio Lower Upper
70 100
42 52.4 45.8 68.8
101 9.5 7.4 11.0
130 19.8 15.2 22.8

Manual Integrations
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Reviewed By :Yogesh
Patel

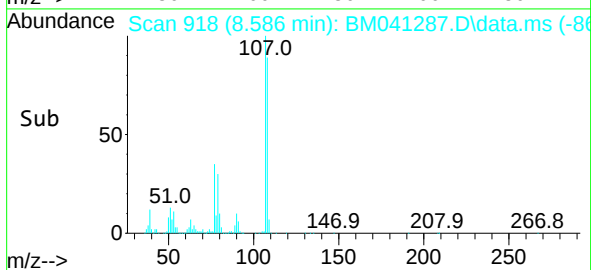
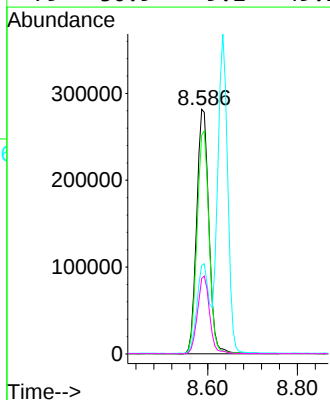
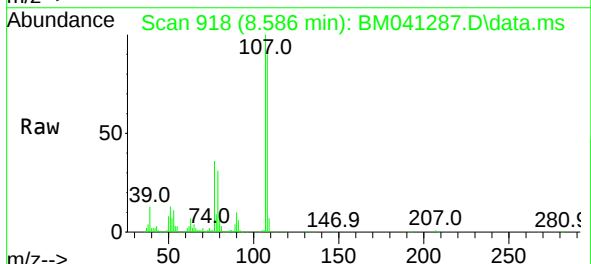
08/07/2023
Supervised By :mohammad
ahmed

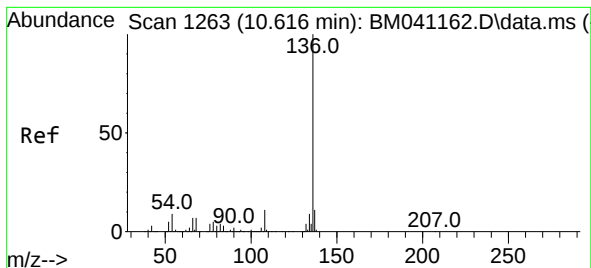
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#20
3+4-Methylphenols
Concen: 45.954 ng
RT: 8.586 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

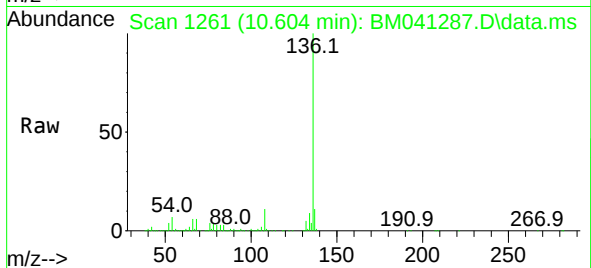
Tgt Ion:107 Resp: 531655
Ion Ratio Lower Upper
107 100
108 89.5 67.2 107.2
77 36.3 15.4 55.4
79 30.9 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



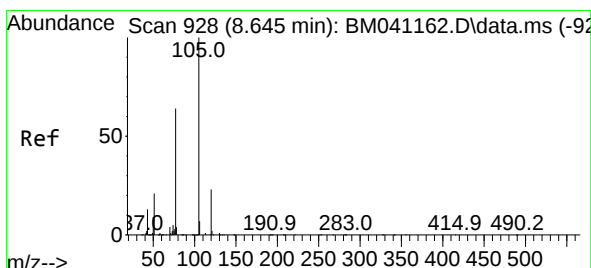
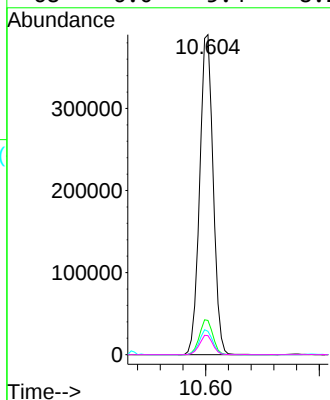
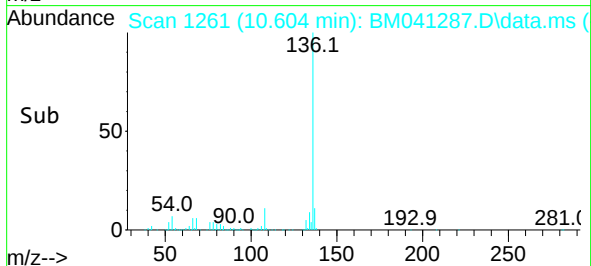
Tgt Ion:136 Resp: 641163
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.3 6.9 10.3
68 6.0 5.4 8.2

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Reviewed By :Yogesh
Patel

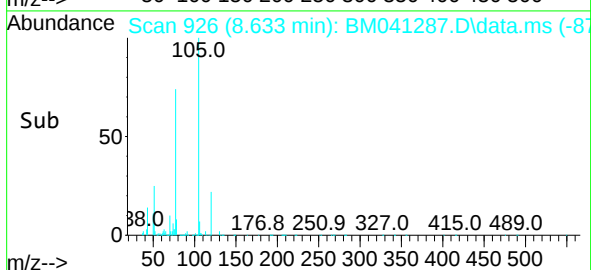
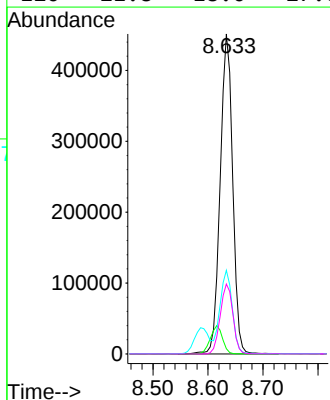
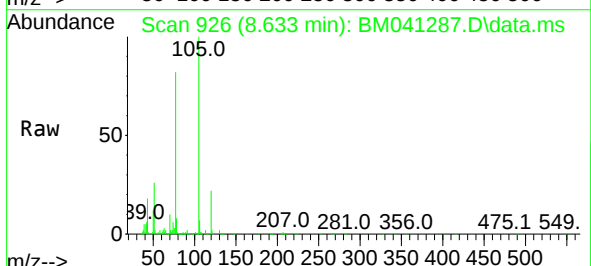
08/07/2023
Supervised By :mohammad
ahmed

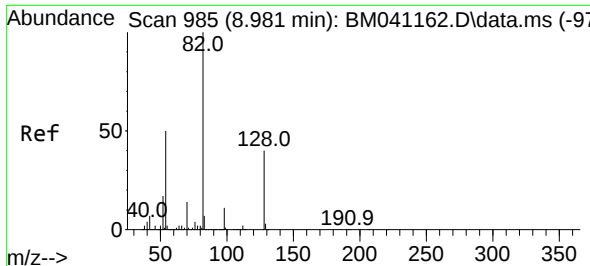
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#22
Acetophenone
Concen: 41.900 ng
RT: 8.633 min Scan# 926
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

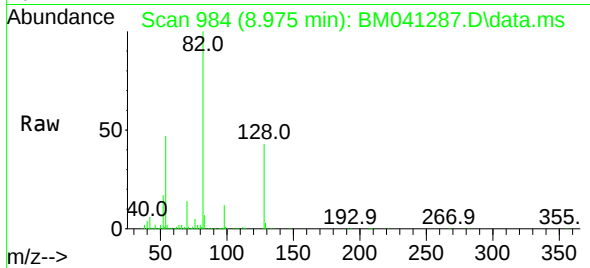
Tgt Ion:105 Resp: 711493
Ion Ratio Lower Upper
105 100
71 1.7 1.2 1.8
51 26.1 22.0 33.0
120 21.8 18.0 27.0





#23
Nitrobenzene-d5
Concen: 75.675 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



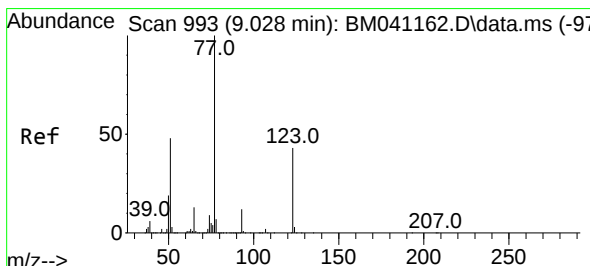
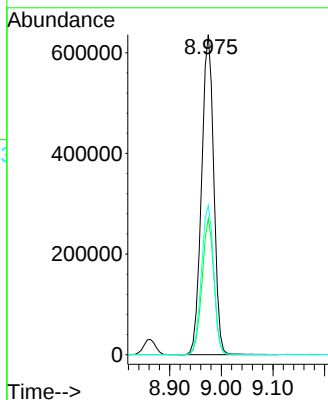
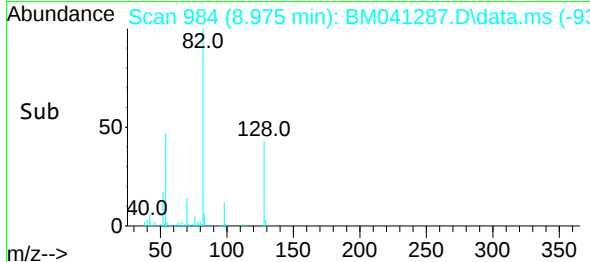
Tgt Ion: 82 Resp: 1043344
Ion Ratio Lower Upper
82 100
128 42.5 31.8 47.6
54 46.6 40.1 60.1

Manual Integrations
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Reviewed By :Yogesh
Patel

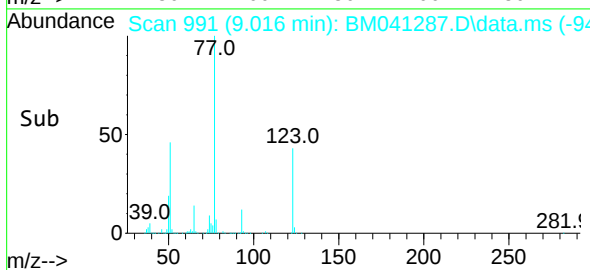
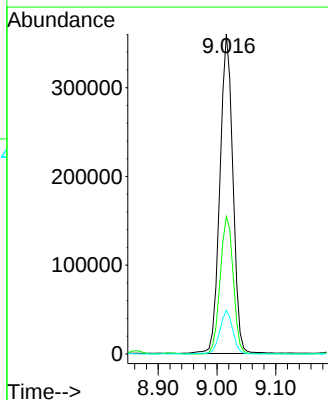
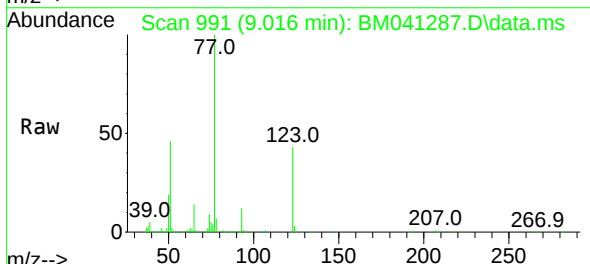
08/07/2023
Supervised By :mohammad
ahmed

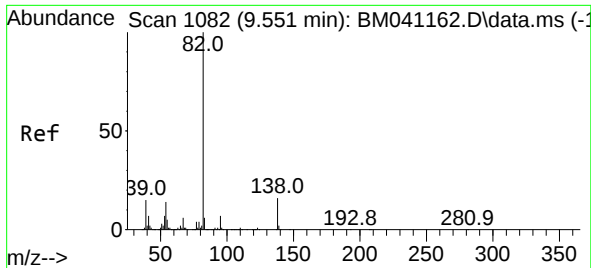
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#24
Nitrobenzene
Concen: 39.549 ng
RT: 9.016 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

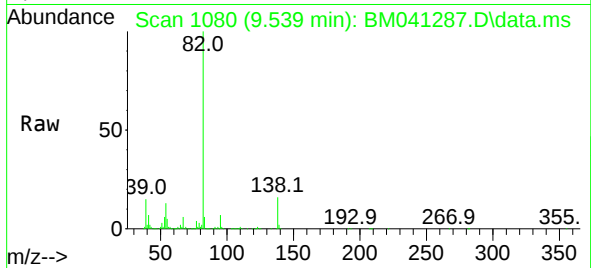
Tgt Ion: 77 Resp: 551420
Ion Ratio Lower Upper
77 100
123 43.0 34.2 51.2
65 13.7 10.7 16.1





#25
Isophorone
Concen: 45.414 ng
RT: 9.539 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



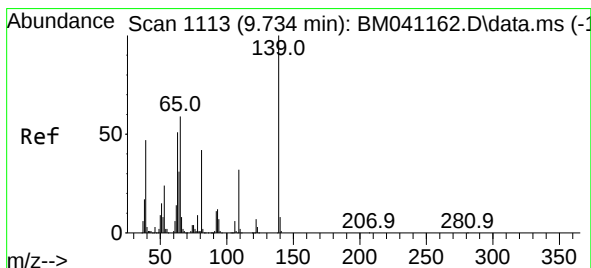
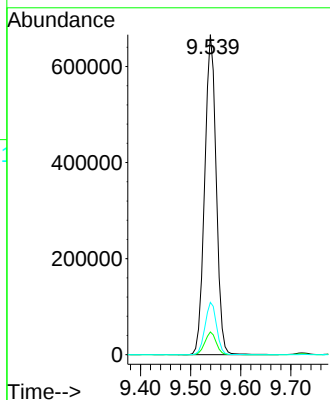
Tgt Ion: 82 Resp: 106287
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 16.4 12.8 19.2

Manual Integrations
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Reviewed By :Yogesh
Patel

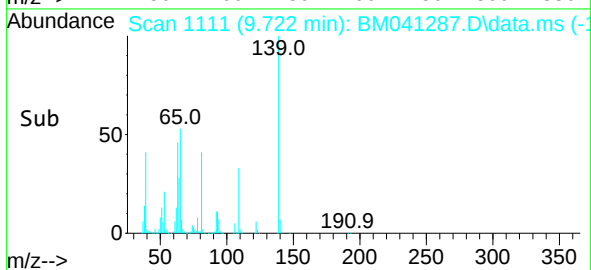
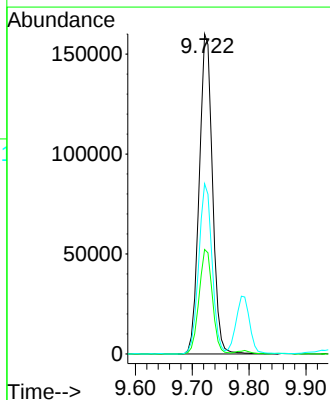
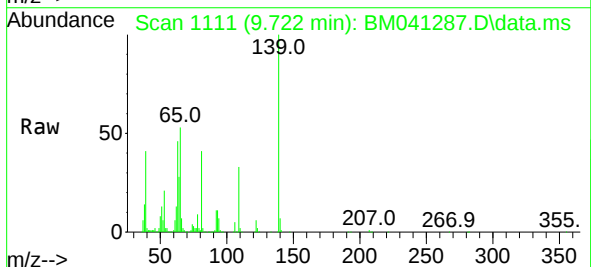
08/07/2023
Supervised By :mohammad
ahmed

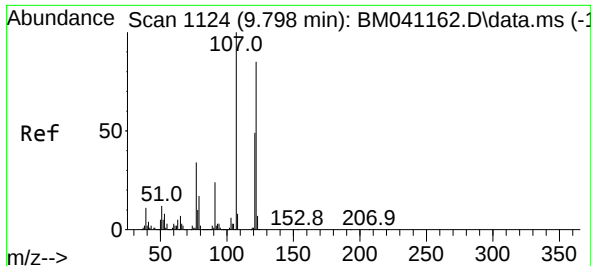
08/07/2023



#26
2-Nitrophenol
Concen: 47.654 ng
RT: 9.722 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

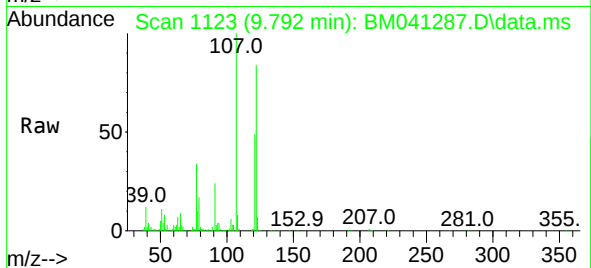
Tgt Ion:139 Resp: 259736
Ion Ratio Lower Upper
139 100
109 32.6 25.4 38.2
65 53.2 47.2 70.8





#27
2,4-Dimethylphenol
Concen: 42.525 ng
RT: 9.792 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



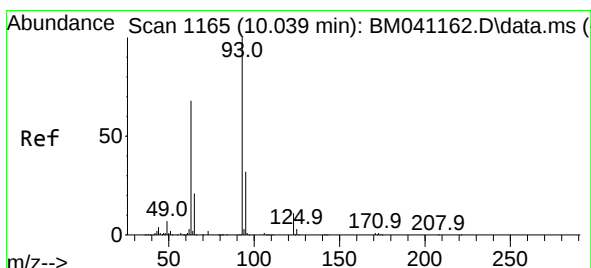
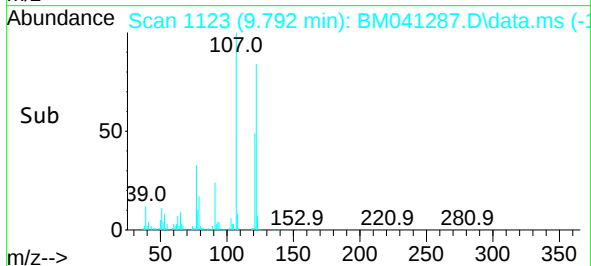
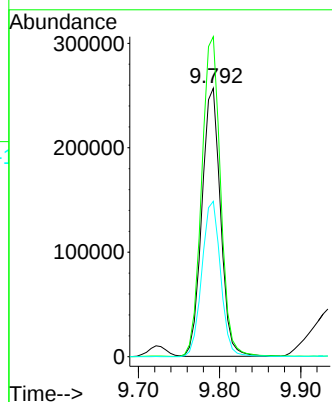
Tgt Ion:122 Resp: 407859
Ion Ratio Lower Upper
122 100
107 119.2 94.3 141.5
121 57.9 45.8 68.8

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

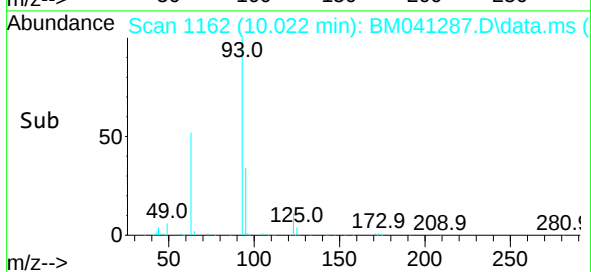
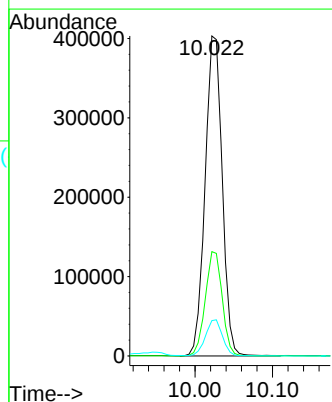
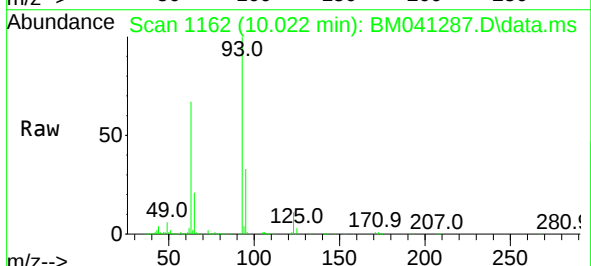
08/07/2023
Supervised By :mohammad
ahmed

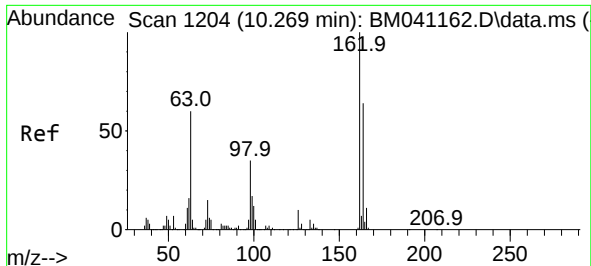
08/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.161 ng
RT: 10.022 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

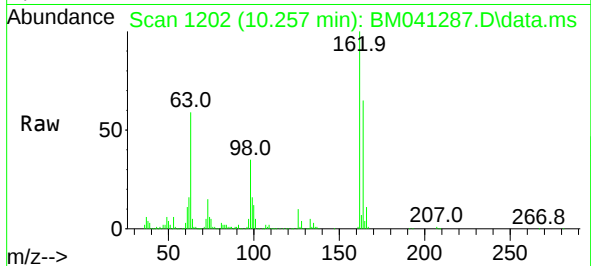
Tgt Ion: 93 Resp: 618090
Ion Ratio Lower Upper
93 100
95 32.6 25.9 38.9
123 11.1 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 49.444 ng
RT: 10.257 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



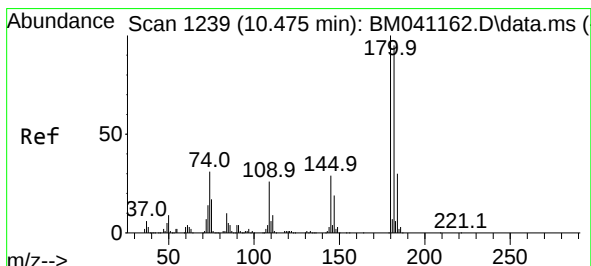
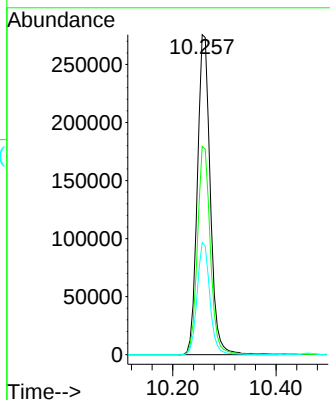
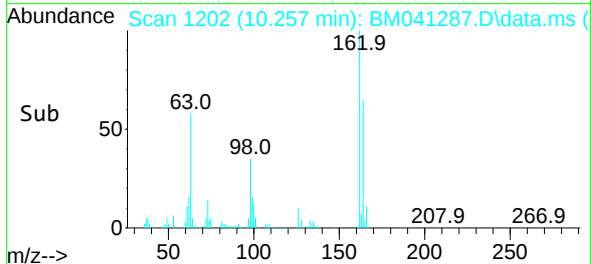
Tgt Ion:162 Resp: 47823
Ion Ratio Lower Upper
162 100
164 65.1 44.3 84.3
98 35.0 15.1 55.1

Manual Integrations
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Reviewed By :Yogesh
Patel

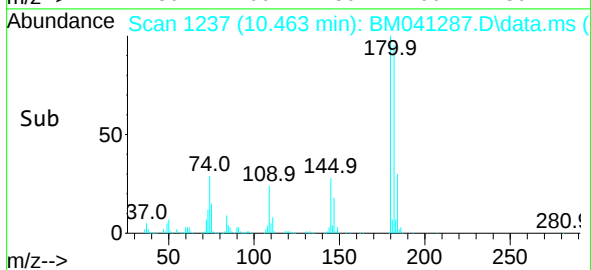
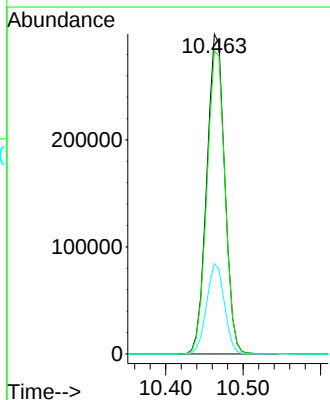
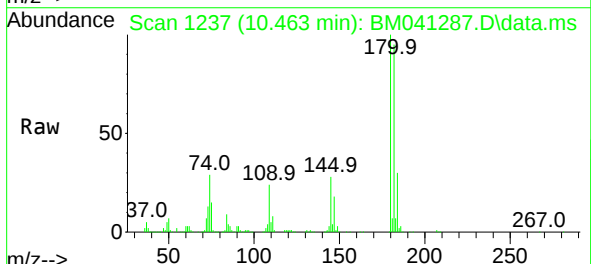
08/07/2023
Supervised By :mohammad
ahmed

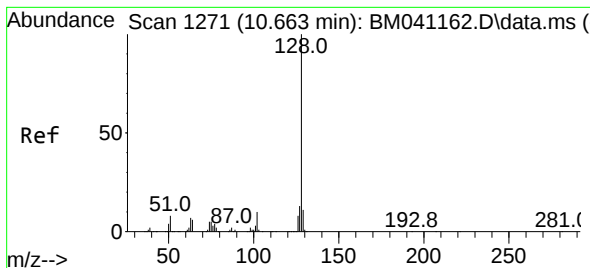
08/07/2023



#30
1,2,4-Trichlorobenzene
Concen: 45.009 ng
RT: 10.463 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

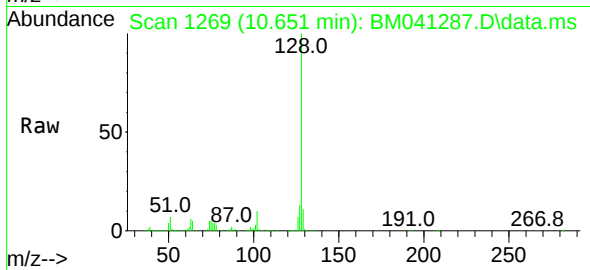
Tgt Ion:180 Resp: 480972
Ion Ratio Lower Upper
180 100
182 94.6 75.9 113.9
145 28.2 23.6 35.4





#31
Naphthalene
Concen: 39.870 ng
RT: 10.651 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



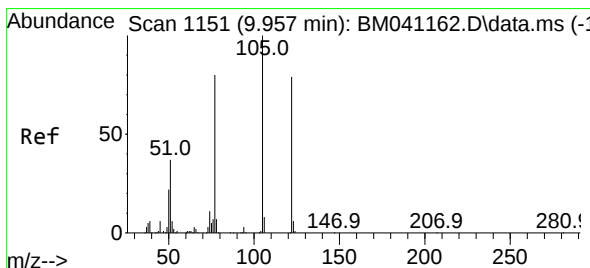
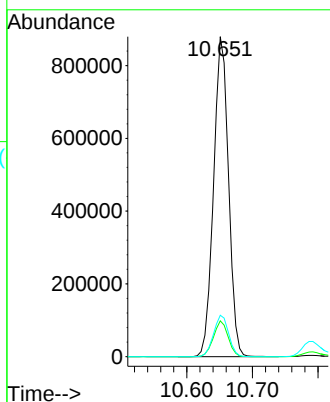
Tgt Ion:128 Resp: 138720
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.0 10.5 15.7

Manual Integrations
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Reviewed By :Yogesh
Patel

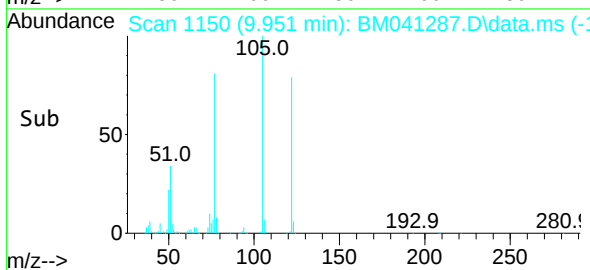
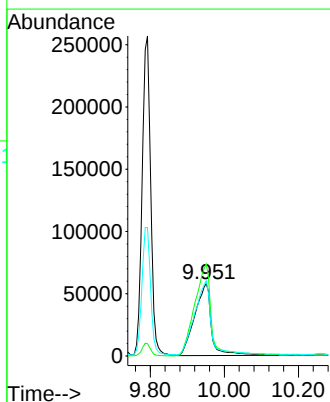
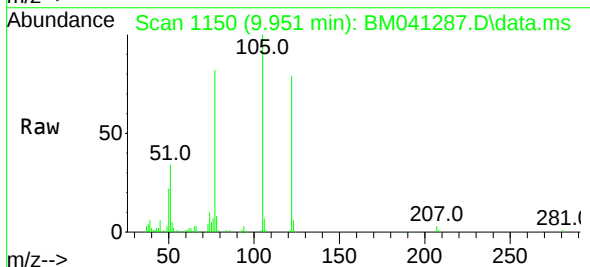
08/07/2023
Supervised By :mohammad
ahmed

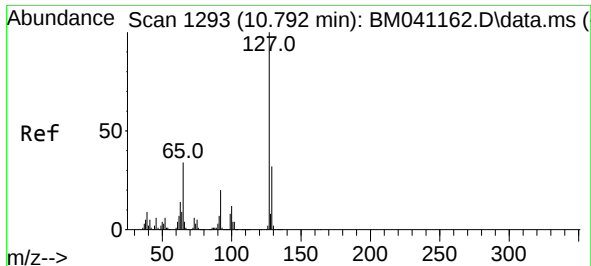
08/07/2023



#32
Benzoic acid
Concen: 28.614 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

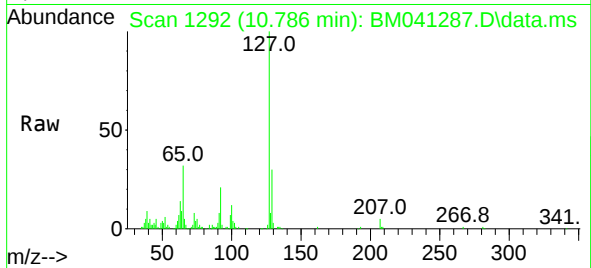
Tgt Ion:122 Resp: 181654
Ion Ratio Lower Upper
122 100
105 127.3 104.0 144.0
77 103.8 79.9 119.9





#33
4-Chloroaniline
Concen: 7.265 ng
RT: 10.786 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



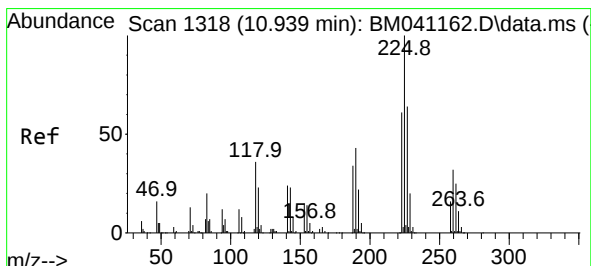
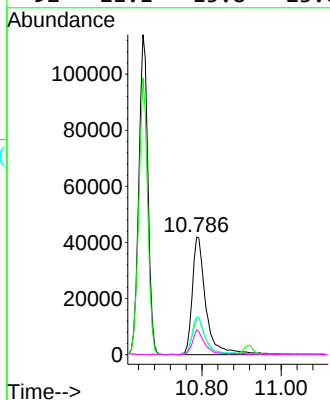
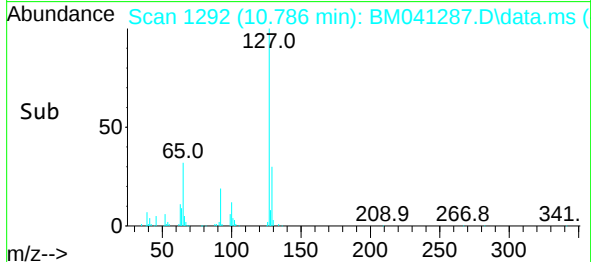
Tgt Ion:127 Resp: 10102
Ion Ratio Lower Upper
127 100
129 30.1 25.9 38.9
65 32.3 26.9 40.3
92 21.1 15.8 23.6

Manual Integrations
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Reviewed By :Yogesh
Patel

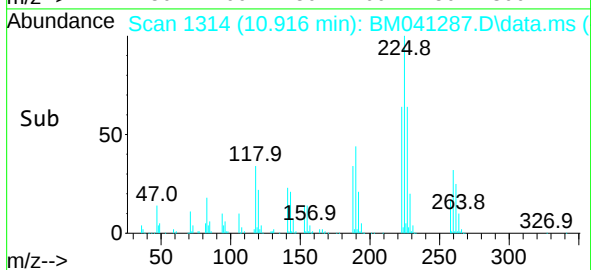
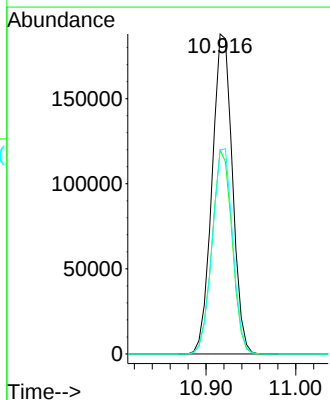
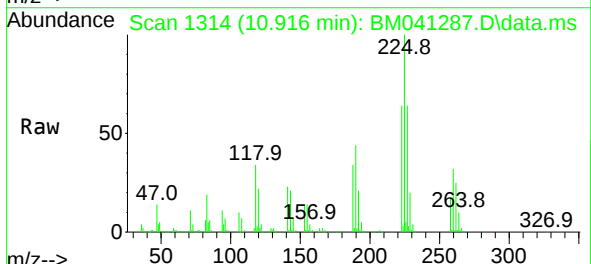
08/07/2023
Supervised By :mohammad
ahmed

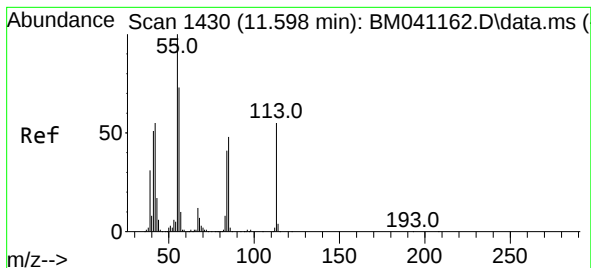
08/07/2023



#34
Hexachlorobutadiene
Concen: 46.069 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

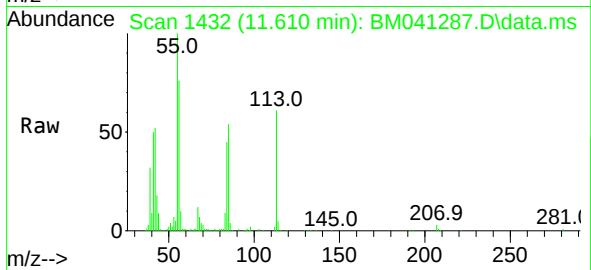
Tgt Ion:225 Resp: 296084
Ion Ratio Lower Upper
225 100
223 63.8 49.0 73.4
227 63.7 50.8 76.2





#35
Caprolactam
Concen: 48.065 ng m
RT: 11.610 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



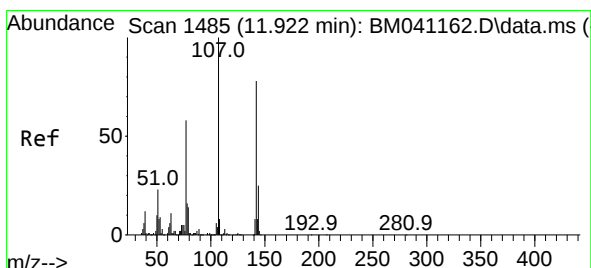
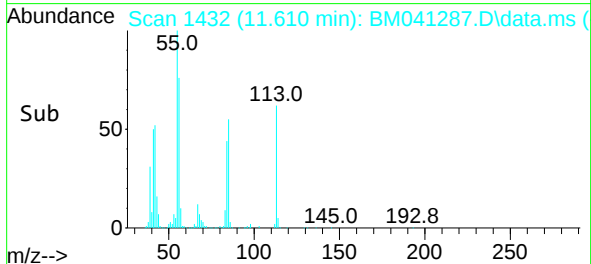
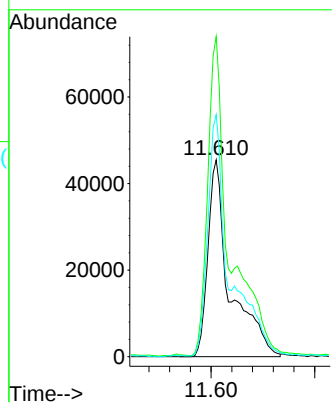
Tgt Ion:113 Resp: 13448
Ion Ratio Lower Upper
113 100
55 162.6 162.5 202.5
56 123.0 114.1 154.1

Manual Integrations
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Reviewed By :Yogesh
Patel

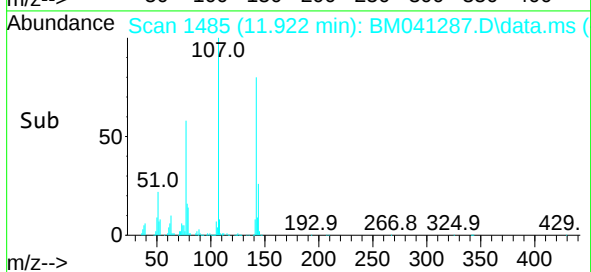
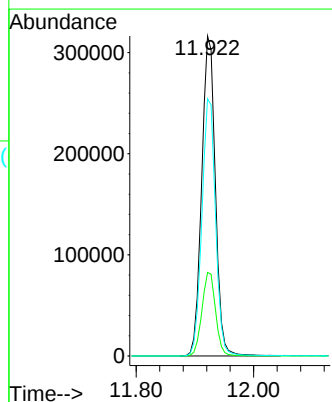
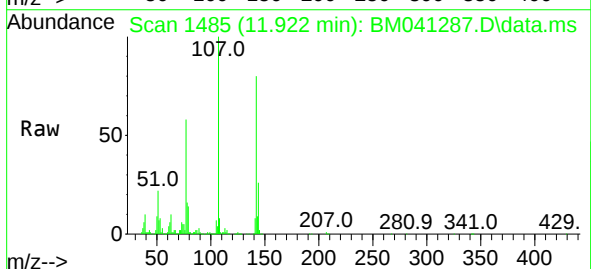
08/07/2023
Supervised By :mohammad
ahmed

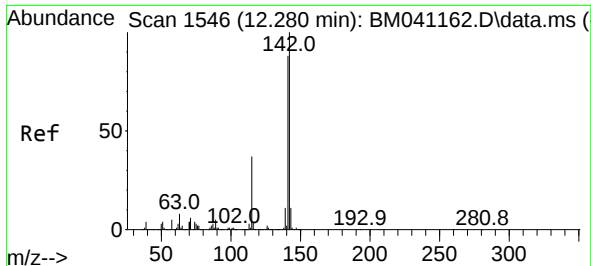
08/07/2023



#36
4-Chloro-3-methylphenol
Concen: 50.296 ng
RT: 11.922 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

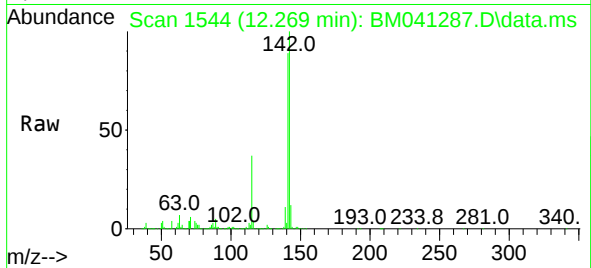
Tgt Ion:107 Resp: 512021
Ion Ratio Lower Upper
107 100
144 26.1 20.1 30.1
142 80.4 62.2 93.4





#37
2-Methylnaphthalene
Concen: 42.481 ng
RT: 12.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



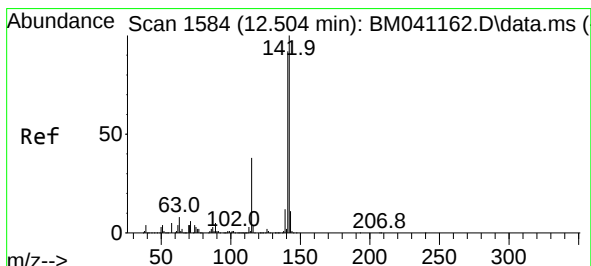
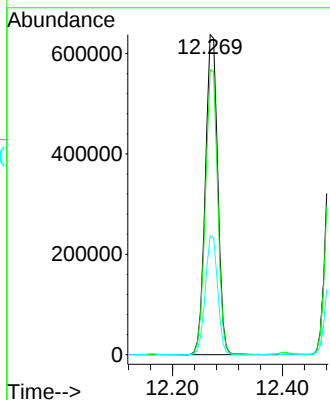
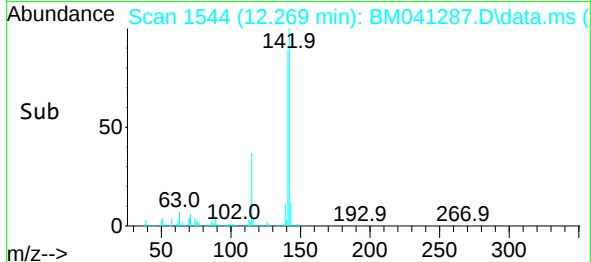
Tgt Ion:142 Resp: 996464
Ion Ratio Lower Upper
142 100
141 89.0 70.7 106.1
115 37.2 29.3 43.9

Manual Integrations
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Reviewed By :Yogesh
Patel

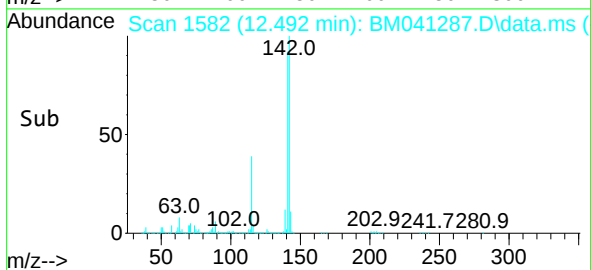
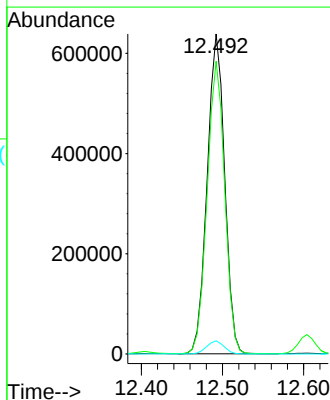
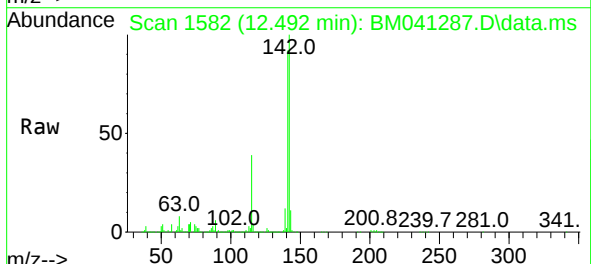
08/07/2023
Supervised By :mohammad
ahmed

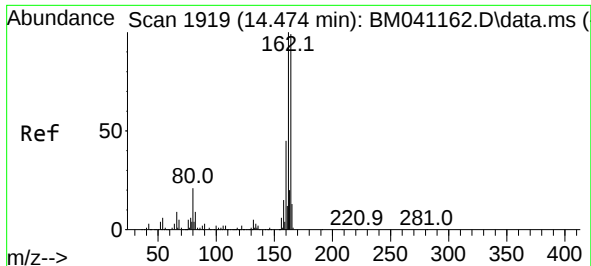
08/07/2023



#38
1-Methylnaphthalene
Concen: 43.527 ng
RT: 12.492 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

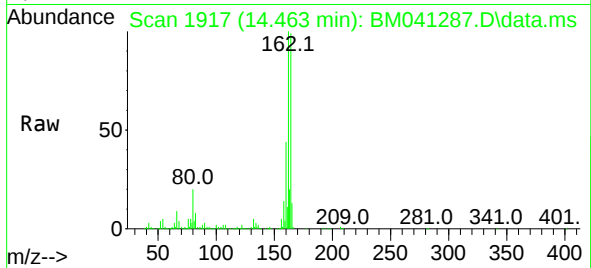
Tgt Ion:142 Resp: 955604
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2
116 4.1 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



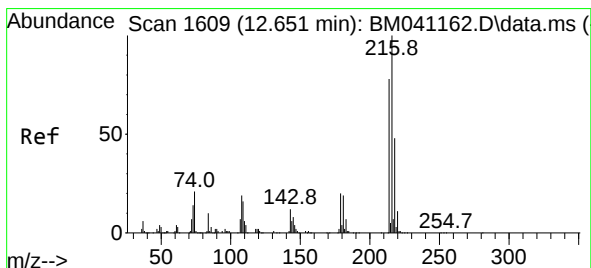
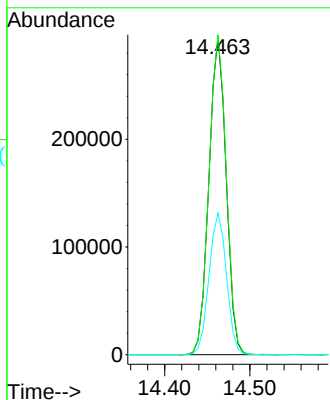
Tgt Ion:164 Resp: 41494
Ion Ratio Lower Upper
164 100
162 100.6 80.4 120.6
160 44.5 36.2 54.2

Manual Integrations
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Reviewed By :Yogesh
Patel

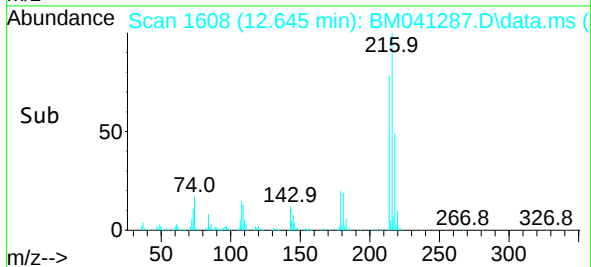
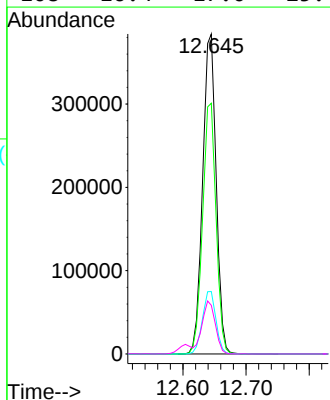
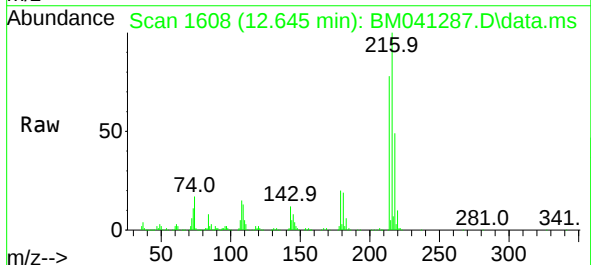
08/07/2023
Supervised By :mohammad
ahmed

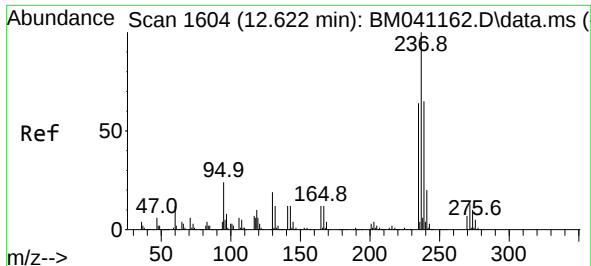
08/07/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.326 ng
RT: 12.645 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

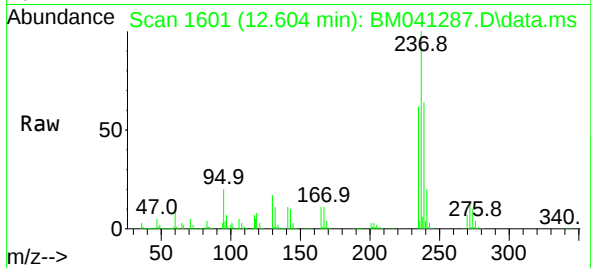
Tgt Ion:216 Resp: 570298
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 19.7 16.2 24.2
108 16.4 17.0 25.4#





#41
Hexachlorocyclopentadiene
Concen: 69.658 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPS



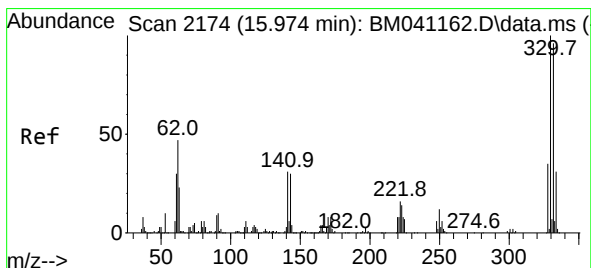
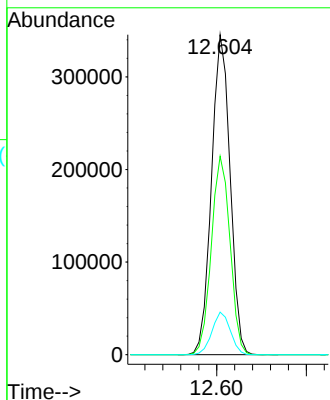
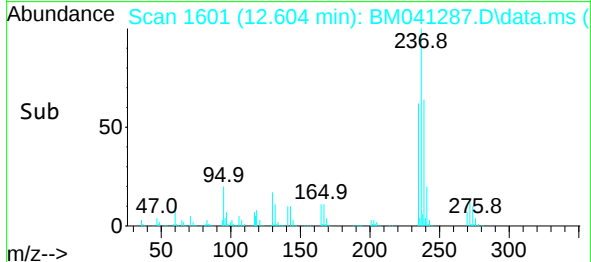
Tgt Ion:237 Resp: 496544
Ion Ratio Lower Upper
237 100
235 62.0 43.6 83.6
272 13.3 0.0 33.3

Manual Integrations
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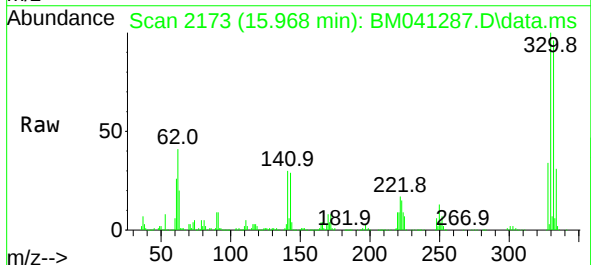
Reviewed By :Yogesh
Patel

08/07/2023
Supervised By :mohammad
ahmed

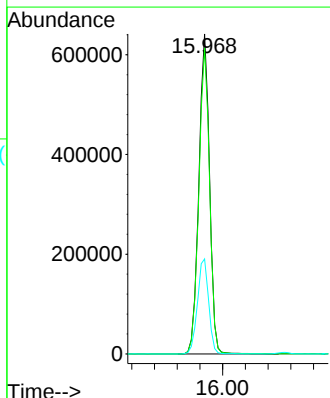
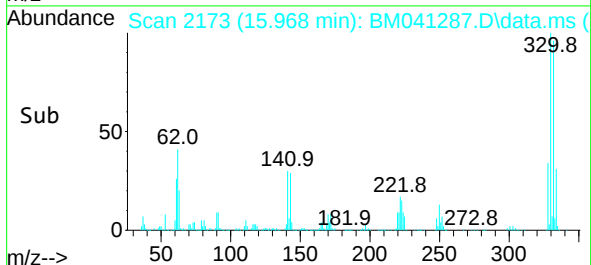
08/07/2023

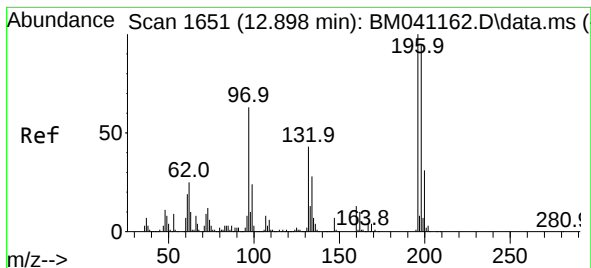


#42
2,4,6-Tribromophenol
Concen: 143.159 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38



Tgt Ion:330 Resp: 840227
Ion Ratio Lower Upper
330 100
332 96.0 77.7 116.5
141 31.2 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 48.222 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041287.D

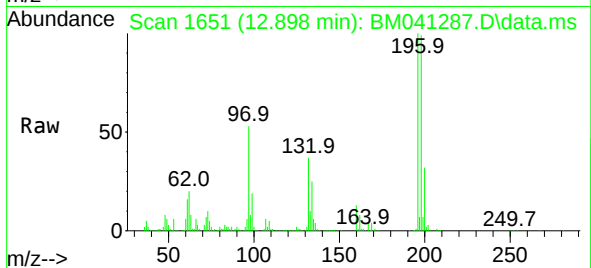
Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMS



Tgt Ion:196 Resp: 41644

Ion Ratio Lower Upper

196 100

198 98.5 76.2 114.4

200 32.0 24.6 36.8

Manual Integrations

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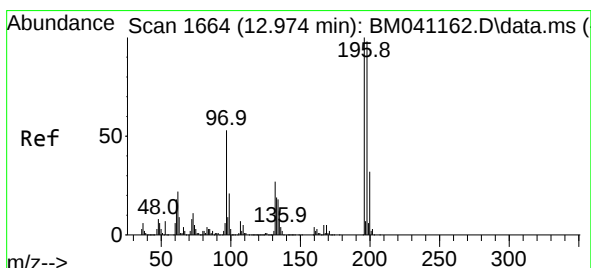
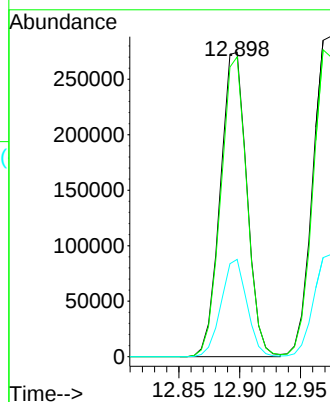
Reviewed By :Yogesh

Patel

08/07/2023

Supervised By :mohammad
ahmed

08/07/2023



#44

2,4,5-Trichlorophenol

Concen: 46.422 ng

RT: 12.974 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Tgt Ion:196 Resp: 464007

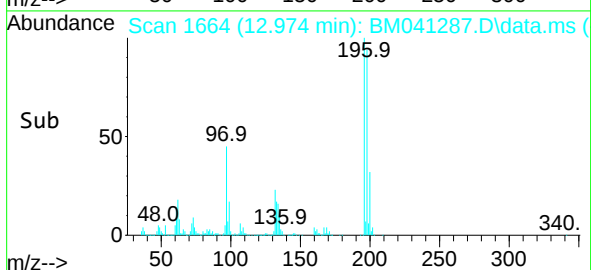
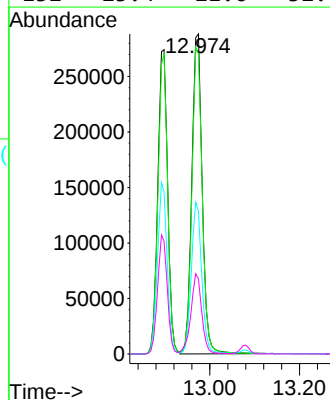
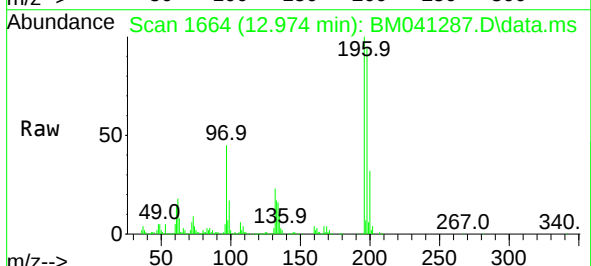
Ion Ratio Lower Upper

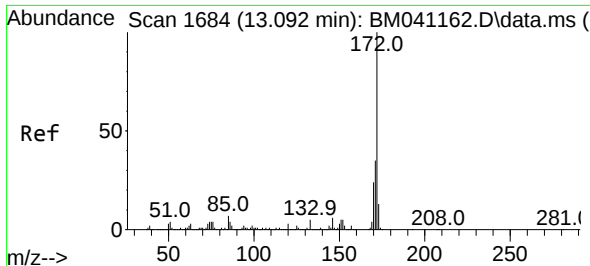
196 100

198 93.9 78.2 117.4

97 44.6 42.7 64.1

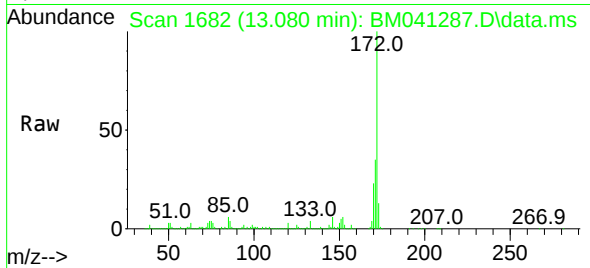
132 23.4 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 74.898 ng
RT: 13.080 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



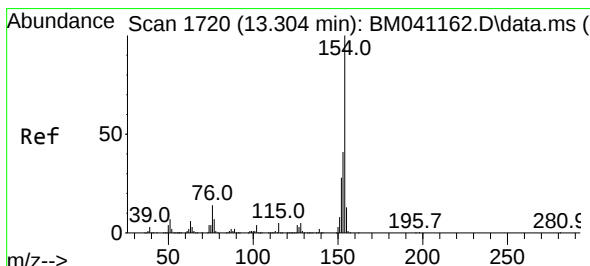
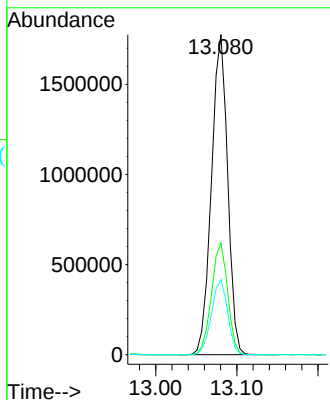
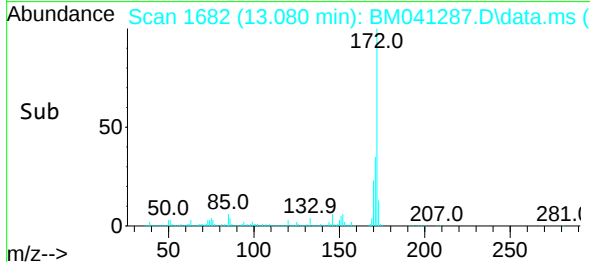
Tgt Ion:172 Resp: 2460210
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.5 18.9 28.3

Manual Integrations
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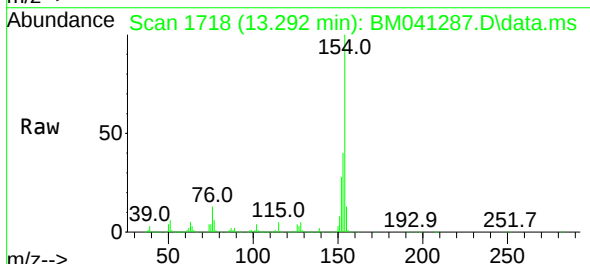
Reviewed By :Yogesh
Patel

08/07/2023
Supervised By :mohammad
ahmed

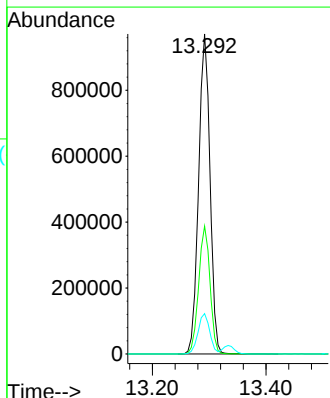
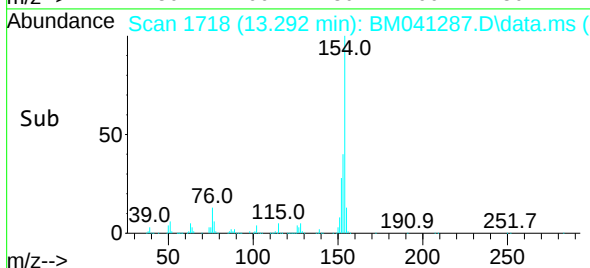
08/07/2023

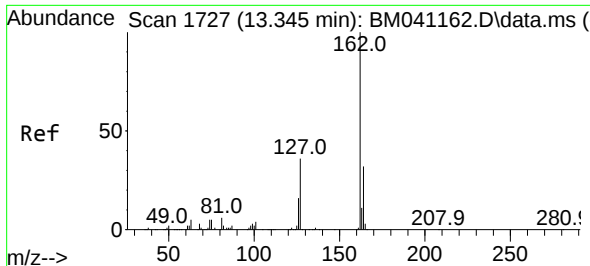


#46
1,1'-Biphenyl
Concen: 40.150 ng
RT: 13.292 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38



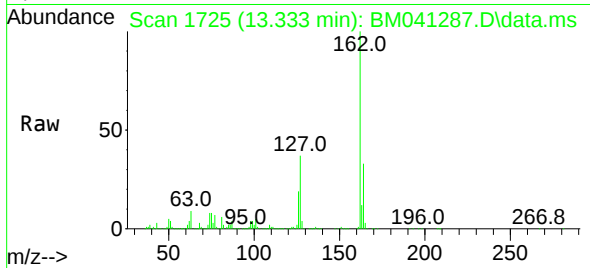
Tgt Ion:154 Resp: 1350605
Ion Ratio Lower Upper
154 100
153 40.0 20.5 60.5
76 12.6 0.0 34.1





#47
2-Chloronaphthalene
Concen: 42.569 ng
RT: 13.333 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



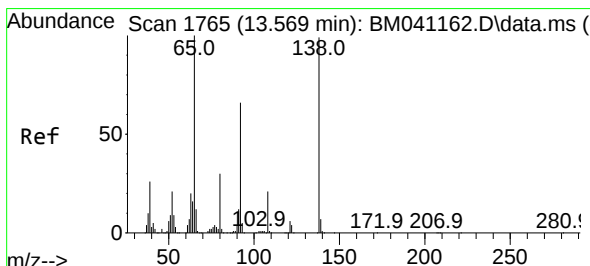
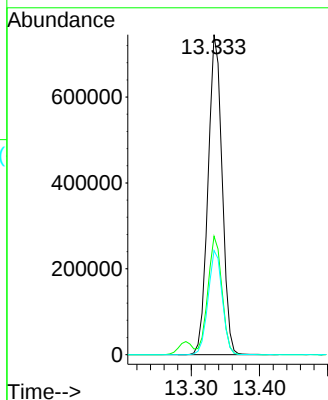
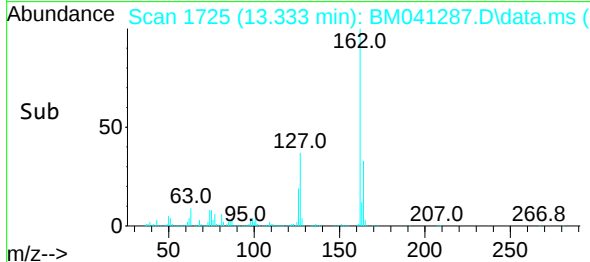
Tgt Ion:162 Resp: 1069225
Ion Ratio Lower Upper
162 100
127 37.0 30.6 45.8
164 32.5 25.6 38.4

Manual Integrations
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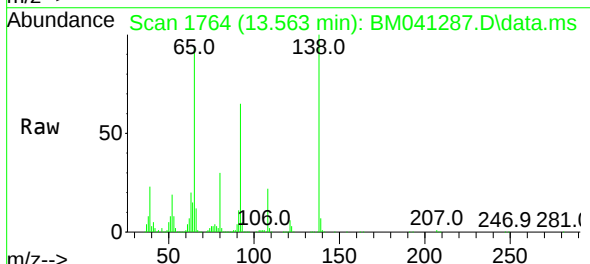
Reviewed By :Yogesh
Patel

08/07/2023
Supervised By :mohammad
ahmed

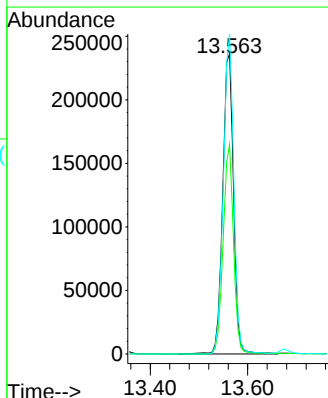
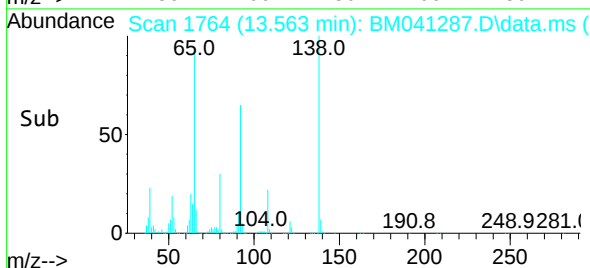
08/07/2023

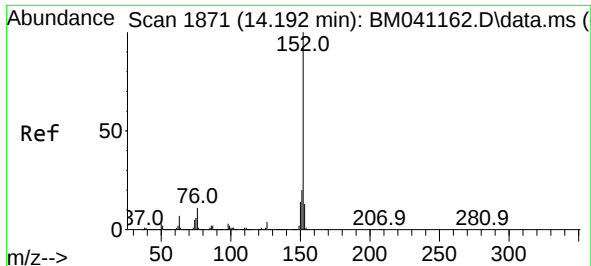


#48
2-Nitroaniline
Concen: 45.780 ng
RT: 13.563 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38



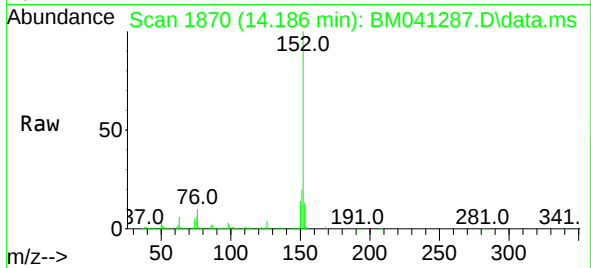
Tgt Ion: 65 Resp: 367039
Ion Ratio Lower Upper
65 100
92 69.7 53.0 79.4
138 106.6 79.1 118.7





#49
Acenaphthylene
Concen: 43.151 ng
RT: 14.186 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



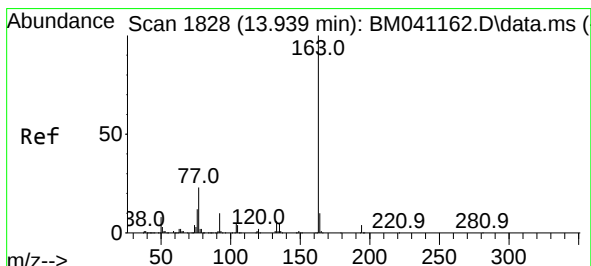
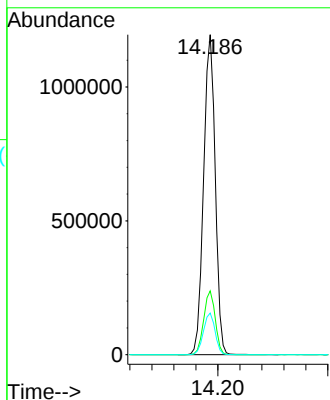
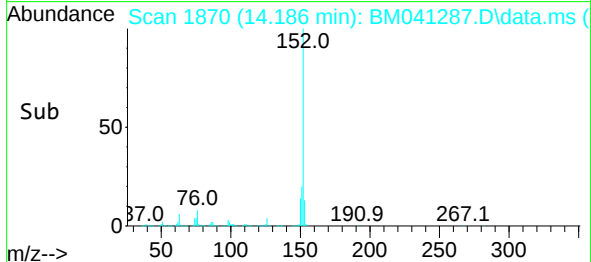
Tgt Ion:152 Resp: 1749408
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.0 10.5 15.7

Manual Integrations
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Reviewed By :Yogesh
Patel

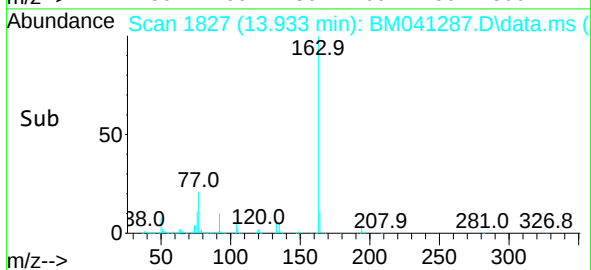
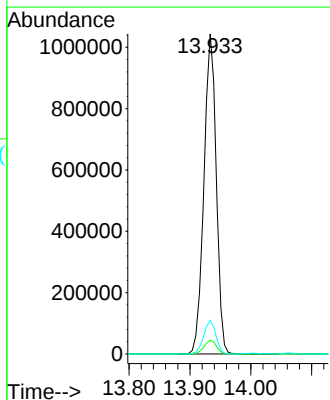
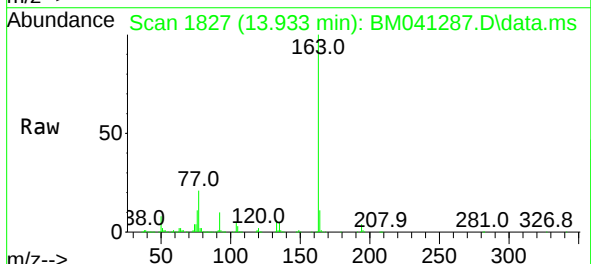
08/07/2023
Supervised By :mohammad
ahmed

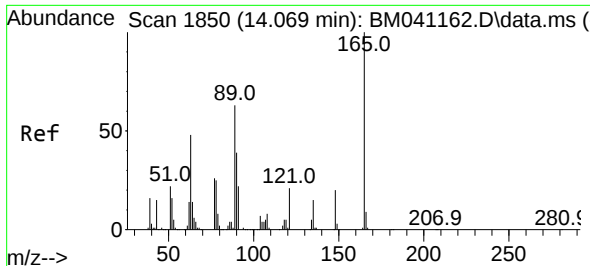
08/07/2023



#50
Dimethylphthalate
Concen: 47.060 ng
RT: 13.933 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

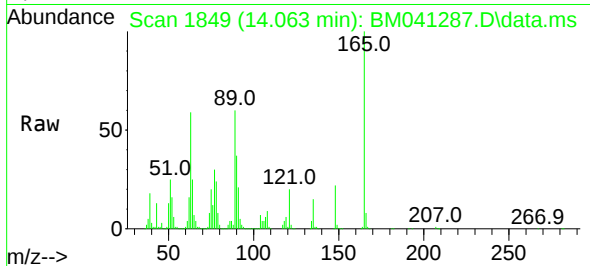
Tgt Ion:163 Resp: 1468875
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 48.563 ng
RT: 14.063 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



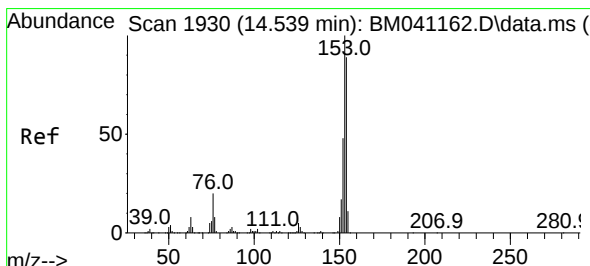
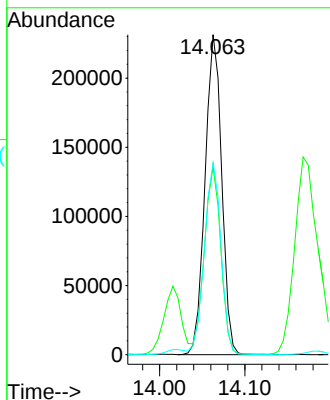
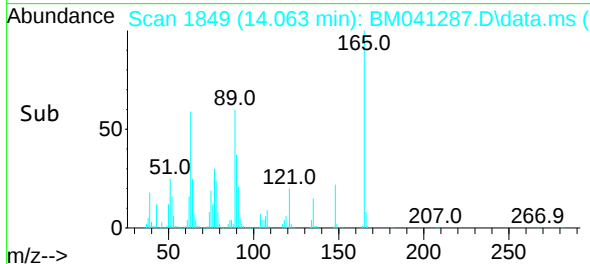
Tgt Ion:165 Resp: 314074
Ion Ratio Lower Upper
165 100
63 58.7 50.9 76.3
89 60.0 50.6 76.0

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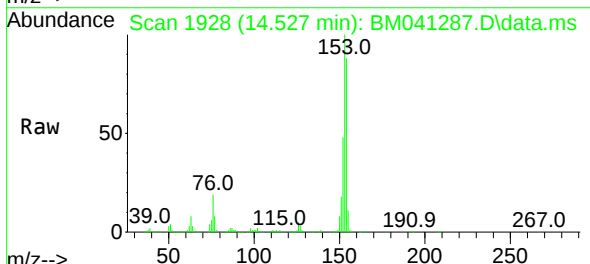
Reviewed By :Yogesh
Patel

08/07/2023
Supervised By :mohammad
ahmed

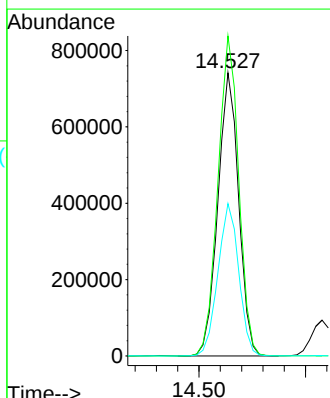
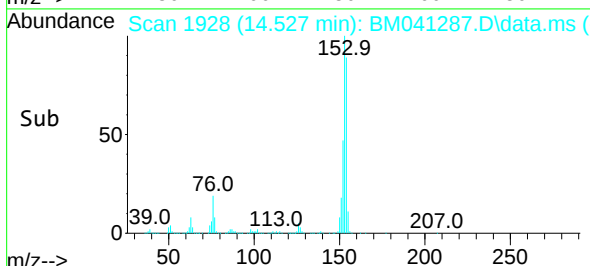
08/07/2023

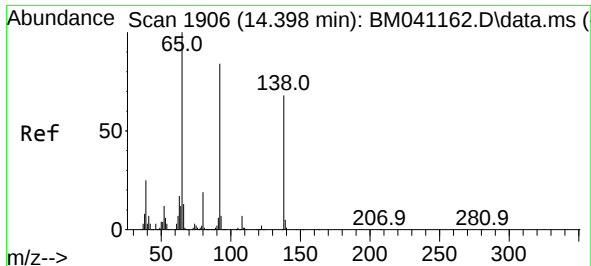


#52
Acenaphthene
Concen: 41.051 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38



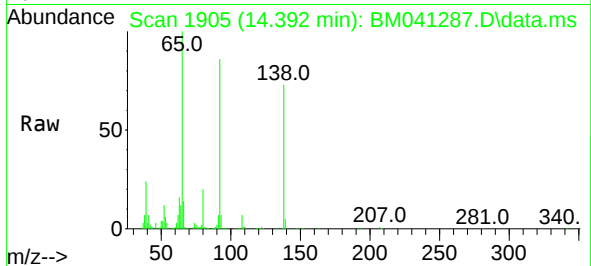
Tgt Ion:154 Resp: 1002606
Ion Ratio Lower Upper
154 100
153 113.0 90.2 135.4
152 53.8 43.4 65.0





#53
3-Nitroaniline
Concen: 30.250 ng
RT: 14.392 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



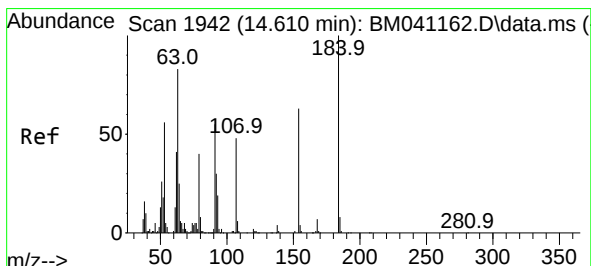
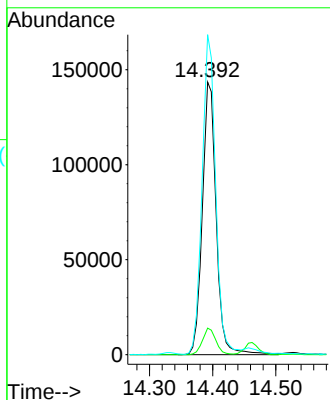
Tgt Ion:138 Resp: 21884
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 117.4 98.9 148.3

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

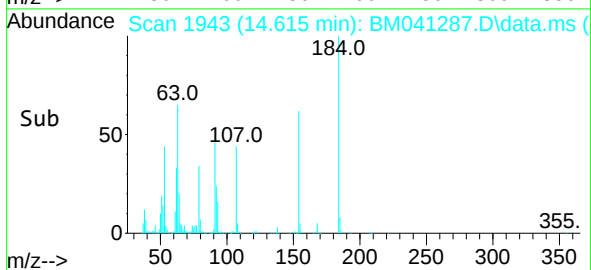
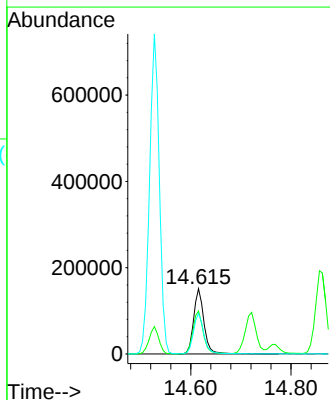
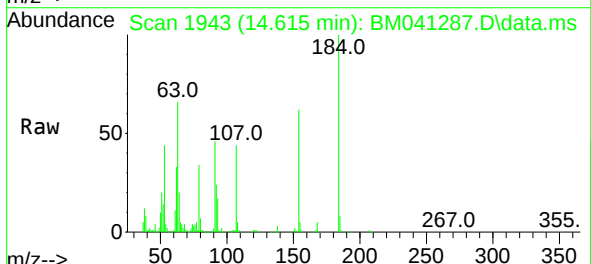
08/07/2023
Supervised By :mohammad
ahmed

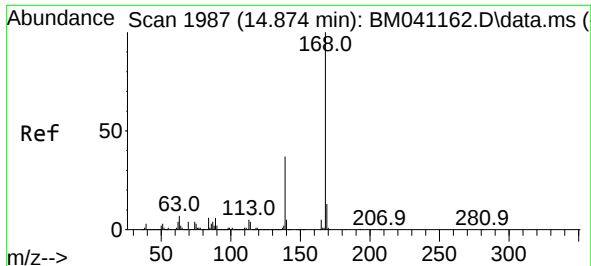
08/07/2023



#54
2,4-Dinitrophenol
Concen: 51.680 ng
RT: 14.615 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

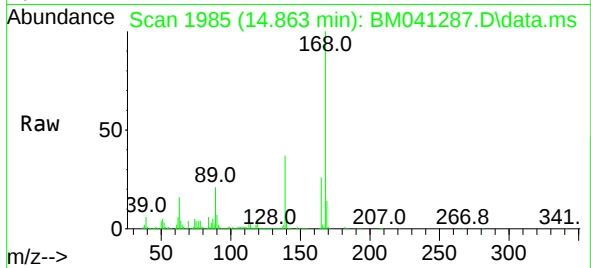
Tgt Ion:184 Resp: 215978
Ion Ratio Lower Upper
184 100
63 65.6 66.5 99.7#
154 62.1 52.8 79.2





#55
Dibenzenofuran
Concen: 42.612 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



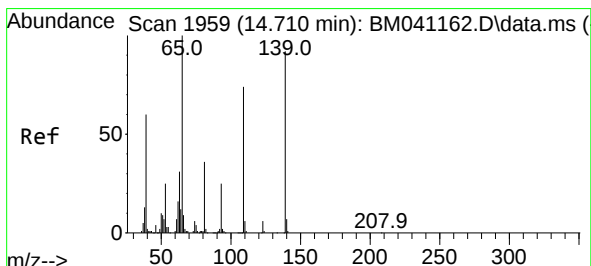
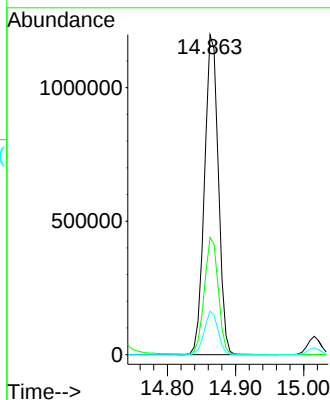
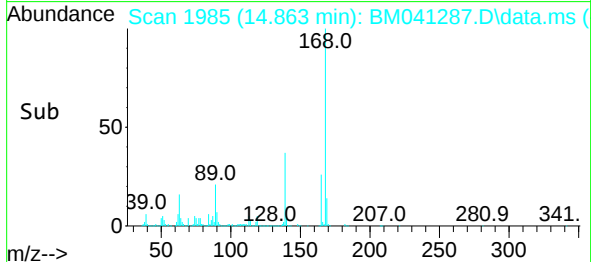
Tgt Ion:168 Resp: 1698014
Ion Ratio Lower Upper
168 100
139 36.6 29.8 44.6
169 13.6 10.5 15.7

Manual Integrations
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Reviewed By :Yogesh
Patel

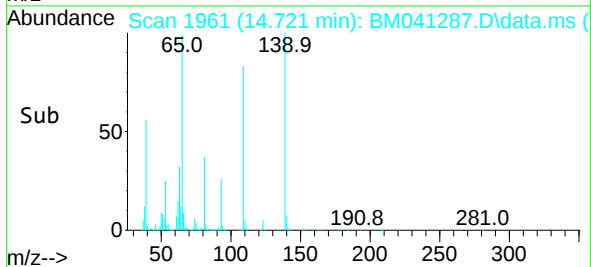
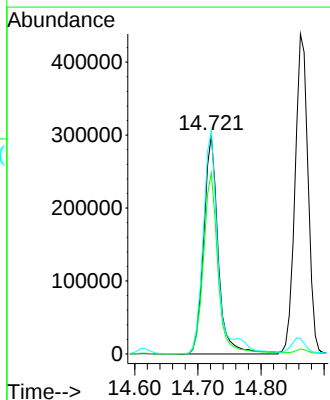
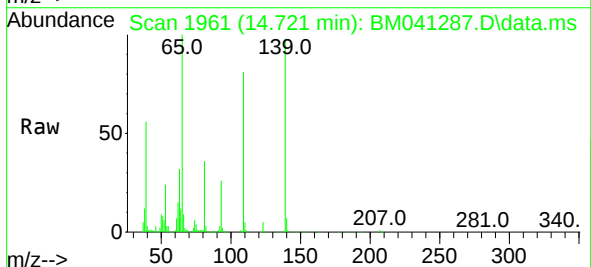
08/07/2023
Supervised By :mohammad
ahmed

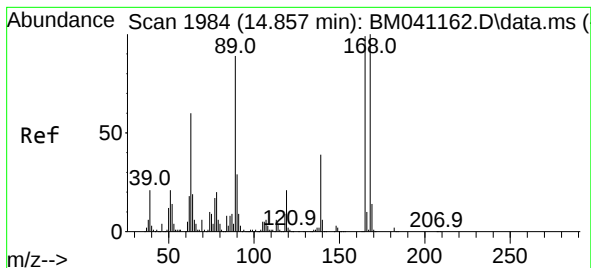
08/07/2023



#56
4-Nitrophenol
Concen: 88.713 ng
RT: 14.721 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

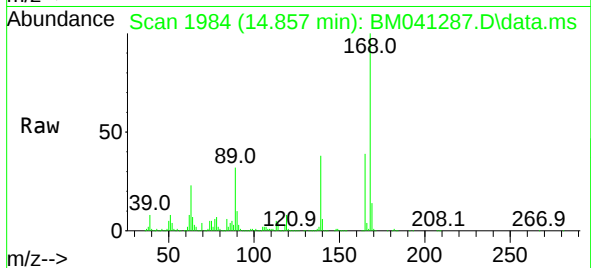
Tgt Ion:139 Resp: 478163
Ion Ratio Lower Upper
139 100
109 82.7 61.2 101.2
65 102.2 89.5 129.5





#57
2,4-Dinitrotoluene
Concen: 48.592 ng
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



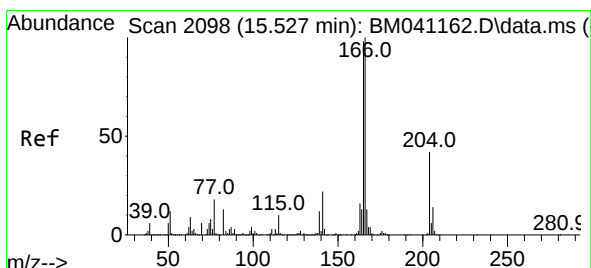
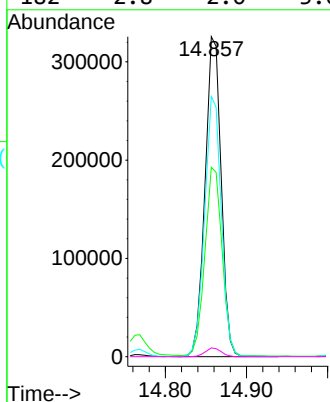
Tgt Ion:165 Resp: 449102
Ion Ratio Lower Upper
165 100
63 59.2 48.3 72.5
89 81.3 71.8 107.8
182 2.8 2.0 3.0

Manual Integrations
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Reviewed By :Yogesh
Patel

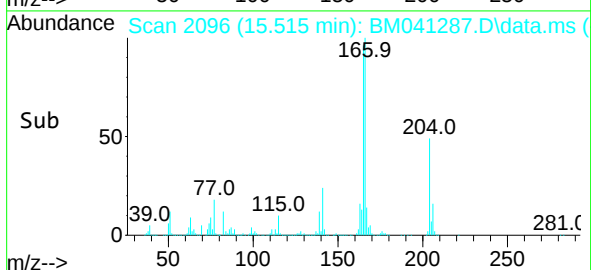
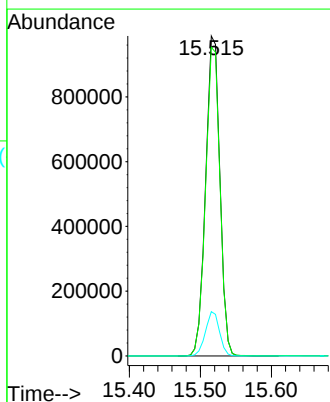
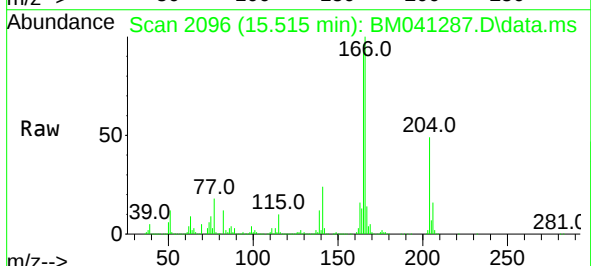
08/07/2023
Supervised By :mohammad
ahmed

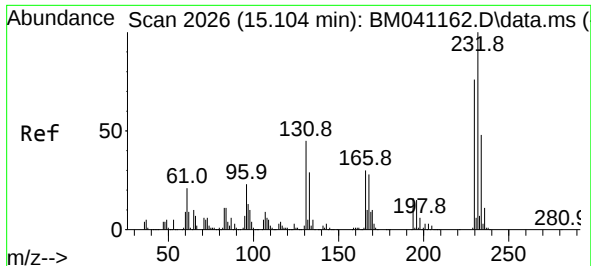
08/07/2023



#58
Fluorene
Concen: 43.935 ng
RT: 15.515 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

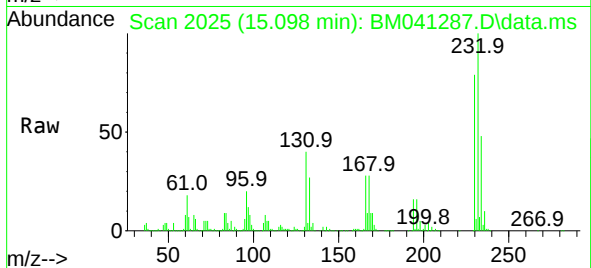
Tgt Ion:166 Resp: 1381116
Ion Ratio Lower Upper
166 100
165 96.5 78.2 117.4
167 13.9 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.976 ng
RT: 15.098 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



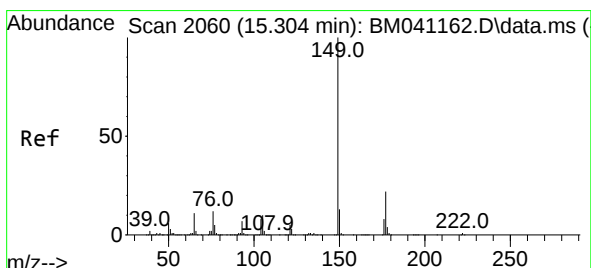
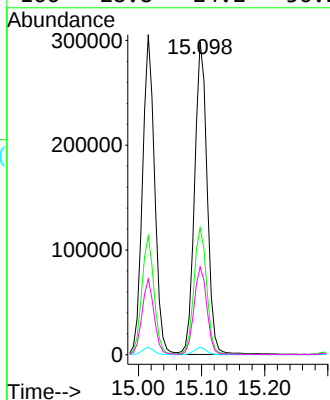
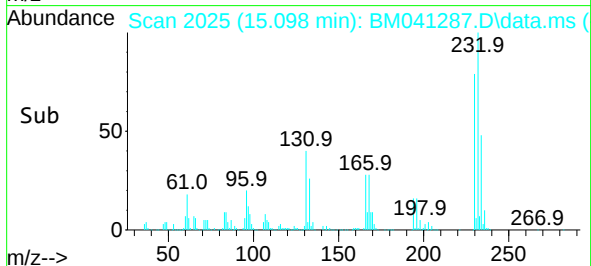
Tgt Ion:232 Resp: 412599
Ion Ratio Lower Upper
232 100
131 41.7 36.9 55.3
130 2.3 2.0 3.0
166 28.8 24.2 36.2

Manual Integrations
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Reviewed By :Yogesh
Patel

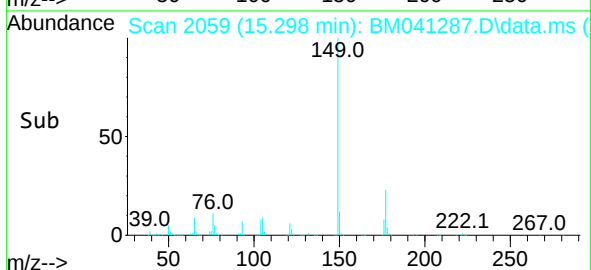
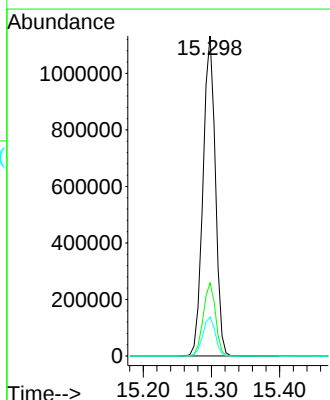
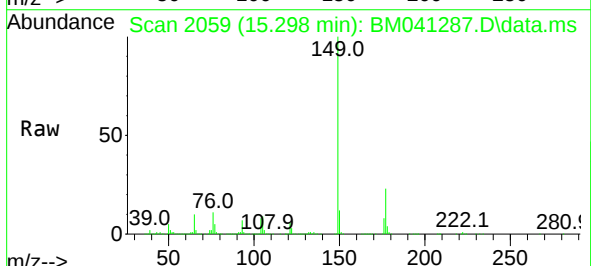
08/07/2023
Supervised By :mohammad
ahmed

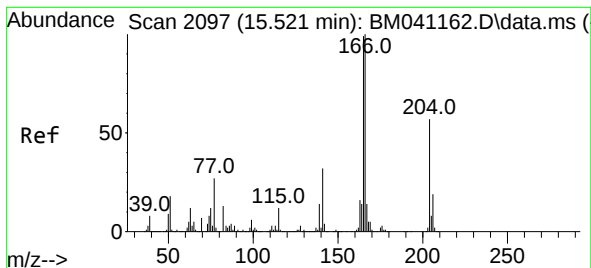
08/07/2023



#60
Diethylphthalate
Concen: 47.201 ng
RT: 15.298 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

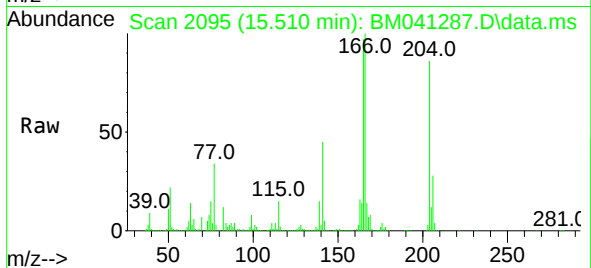
Tgt Ion:149 Resp: 1424727
Ion Ratio Lower Upper
149 100
177 22.9 17.5 26.3
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.032 ng
RT: 15.510 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



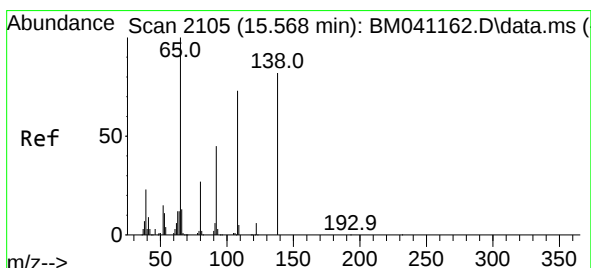
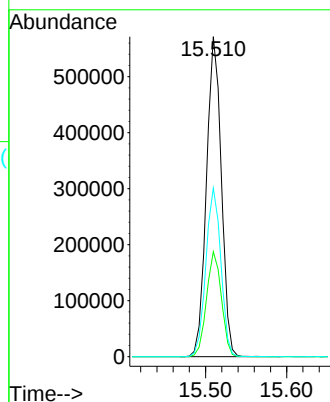
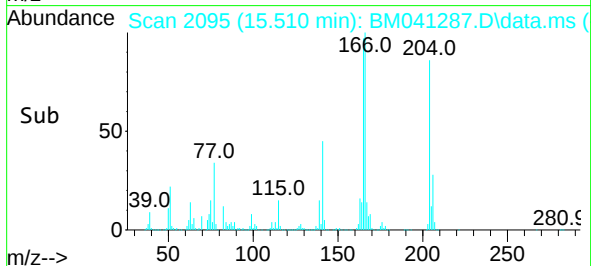
Tgt Ion:204 Resp: 72511
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 52.7 44.8 67.2

Manual Integrations
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Reviewed By :Yogesh
Patel

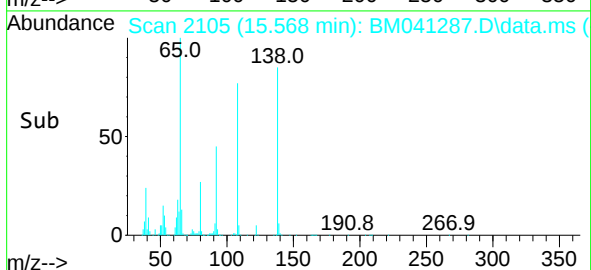
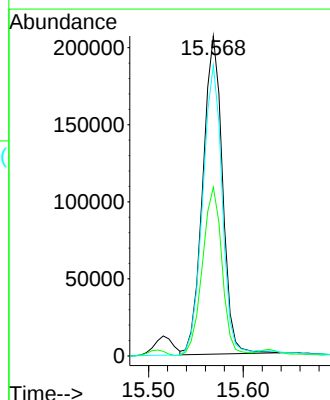
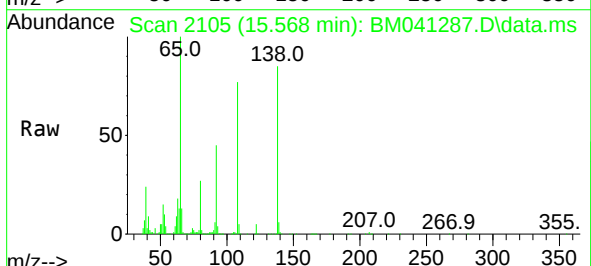
08/07/2023
Supervised By :mohammad
ahmed

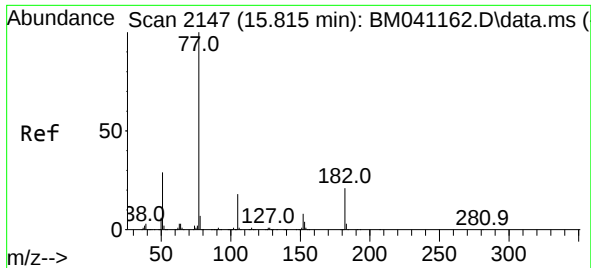
08/07/2023



#62
4-Nitroaniline
Concen: 43.450 ng
RT: 15.568 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

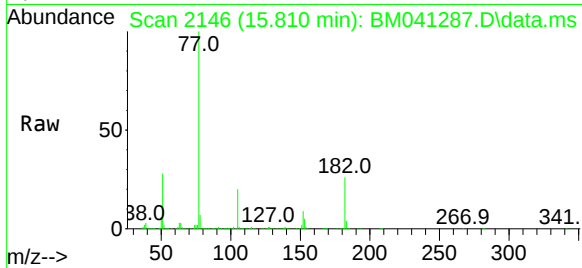
Tgt Ion:138 Resp: 296745
Ion Ratio Lower Upper
138 100
92 52.7 35.1 75.1
108 90.8 67.8 107.8





#63
Azobenzene
Concen: 41.937 ng
RT: 15.810 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



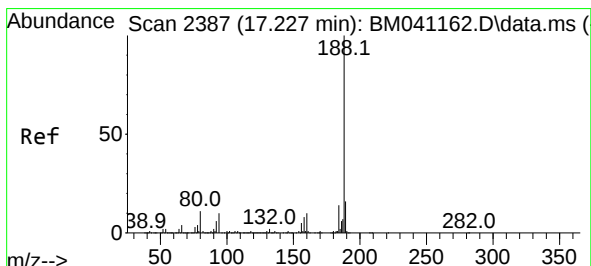
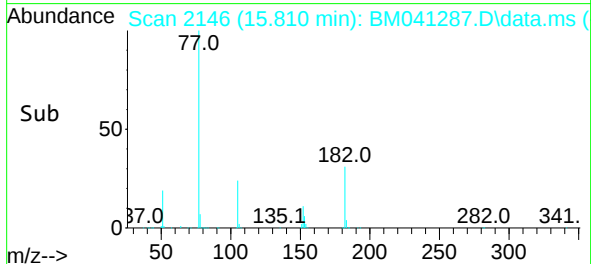
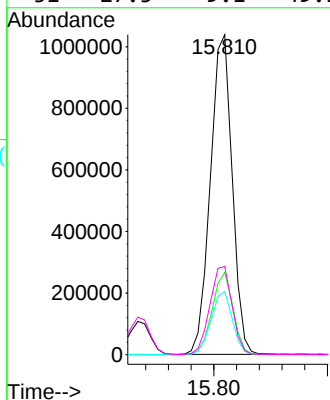
Tgt Ion: 77 Resp: 1386592
Ion Ratio Lower Upper
77 100
182 25.7 1.3 41.3
105 19.8 0.0 38.5
51 27.5 9.1 49.1

Manual Integrations
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Reviewed By :Yogesh
Patel

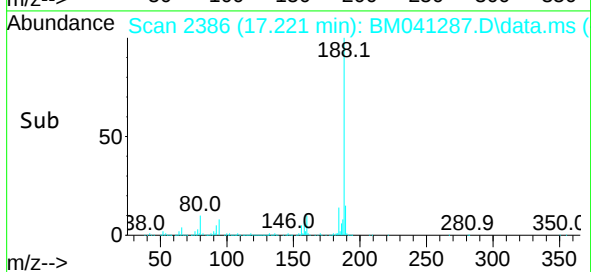
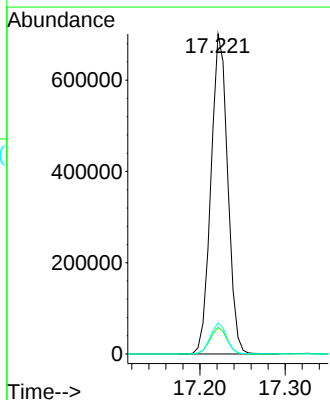
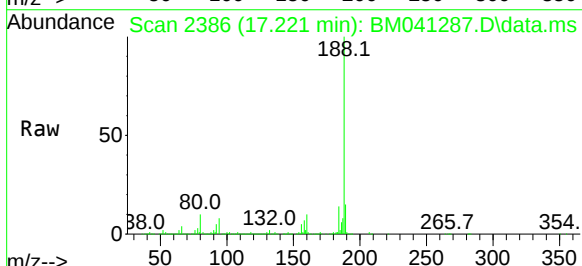
08/07/2023
Supervised By :mohammad
ahmed

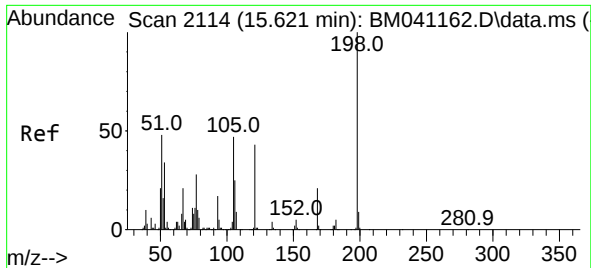
08/07/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

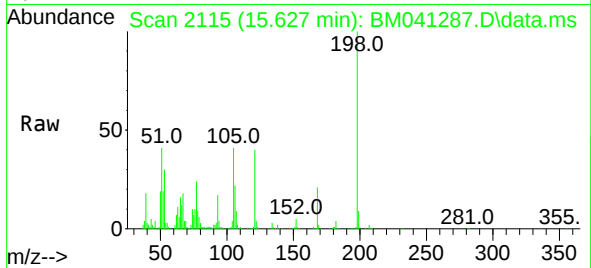
Tgt Ion:188 Resp: 957975
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 9.7 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 32.307 ng
RT: 15.627 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



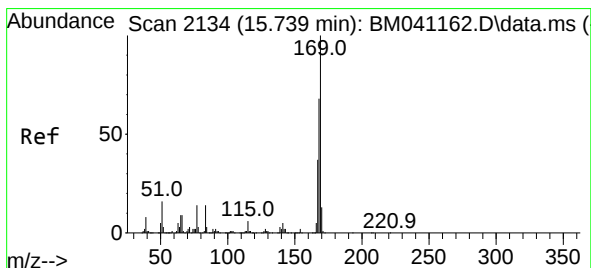
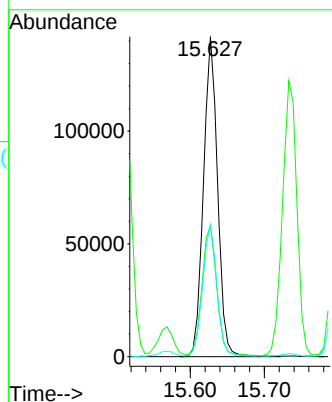
Tgt Ion:198 Resp: 187489
Ion Ratio Lower Upper
198 100
51 41.1 31.7 71.7
105 41.2 27.8 67.8

Manual Integrations
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Reviewed By :Yogesh
Patel

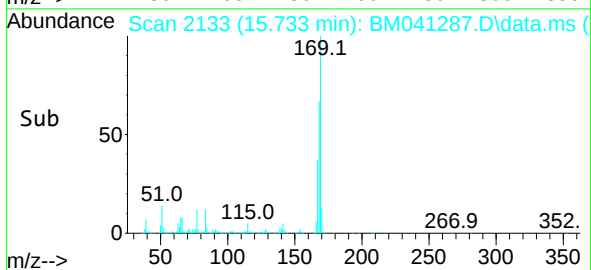
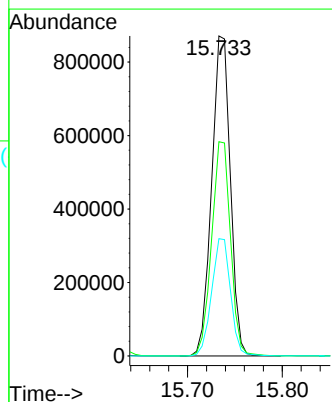
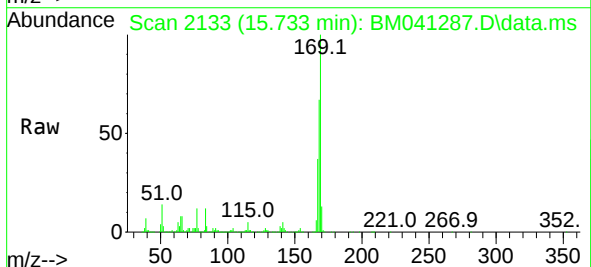
08/07/2023
Supervised By :mohammad
ahmed

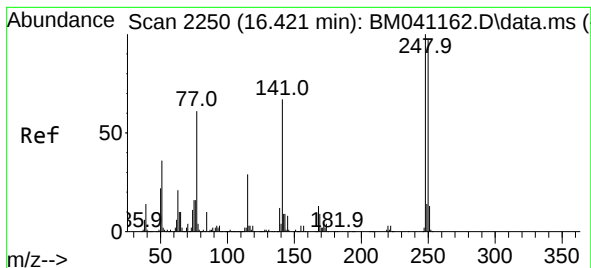
08/07/2023



#66
n-Nitrosodiphenylamine
Concen: 40.101 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

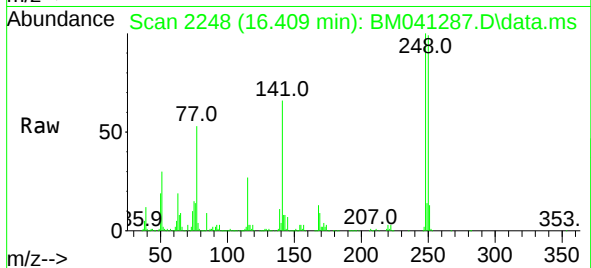
Tgt Ion:169 Resp: 1194760
Ion Ratio Lower Upper
169 100
168 67.0 54.6 81.8
167 36.7 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 43.842 ng
RT: 16.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



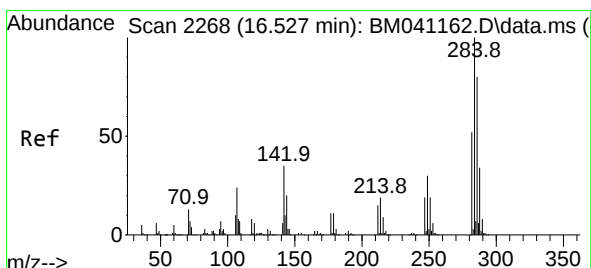
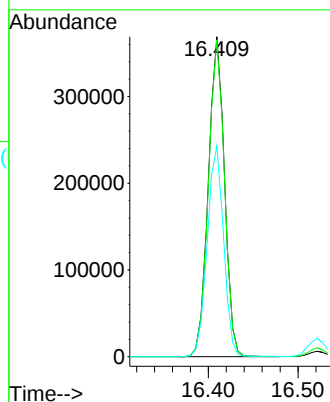
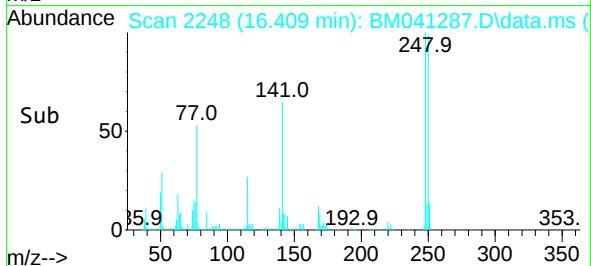
Tgt Ion:248 Resp: 460490
Ion Ratio Lower Upper
248 100
250 99.0 78.0 117.0
141 65.8 53.8 80.8

Manual Integrations
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Reviewed By :Yogesh
Patel

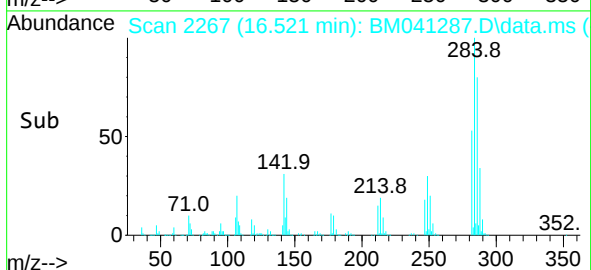
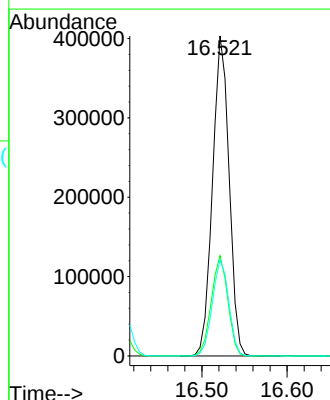
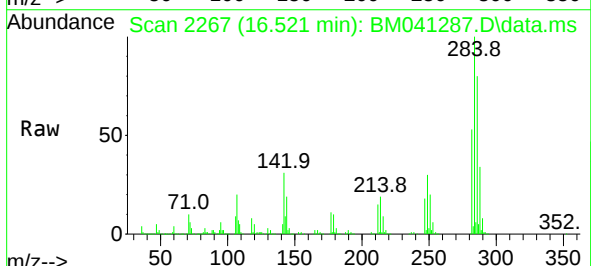
08/07/2023
Supervised By :mohammad
ahmed

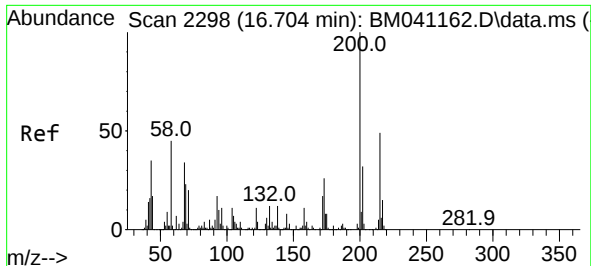
08/07/2023



#68
Hexachlorobenzene
Concen: 46.586 ng
RT: 16.521 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

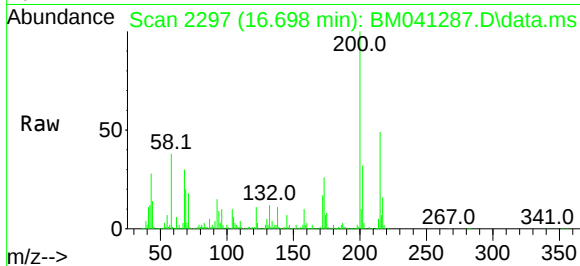
Tgt Ion:284 Resp: 544095
Ion Ratio Lower Upper
284 100
142 31.4 28.0 42.0
249 30.0 23.7 35.5





#69
Atrazine
Concen: 59.276 ng
RT: 16.698 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



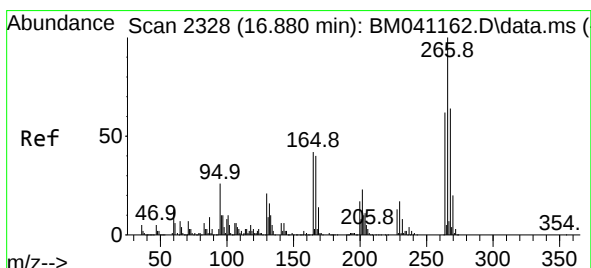
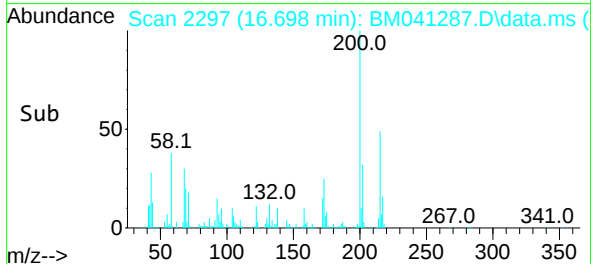
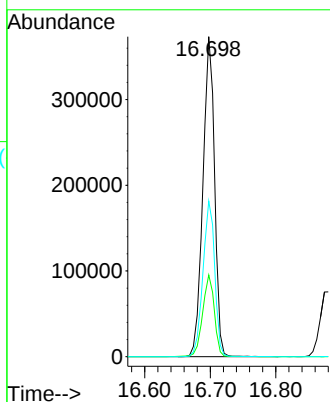
Tgt Ion:200 Resp: 463792
Ion Ratio Lower Upper
200 100
173 25.6 5.6 45.6
215 48.7 28.5 68.5

Manual Integrations
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Reviewed By :Yogesh
Patel

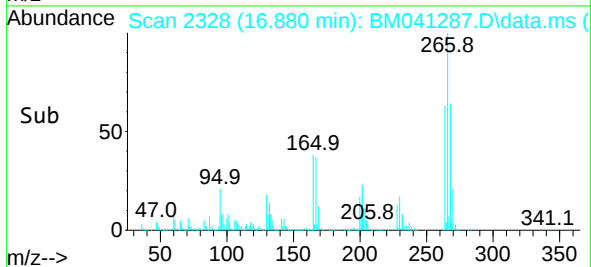
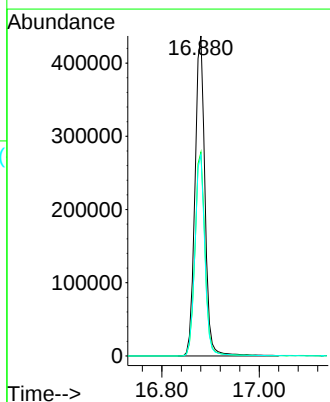
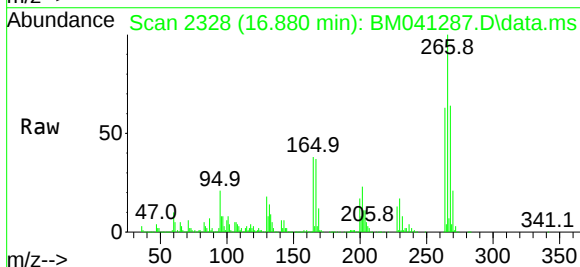
08/07/2023
Supervised By :mohammad
ahmed

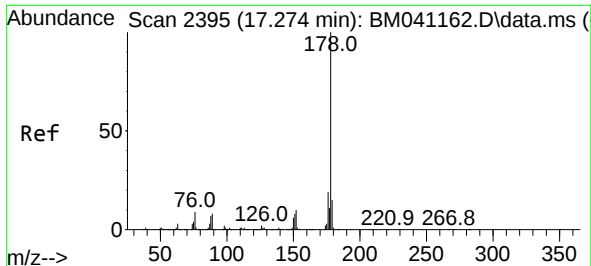
08/07/2023



#70
Pentachlorophenol
Concen: 77.409 ng
RT: 16.880 min Scan# 2328
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

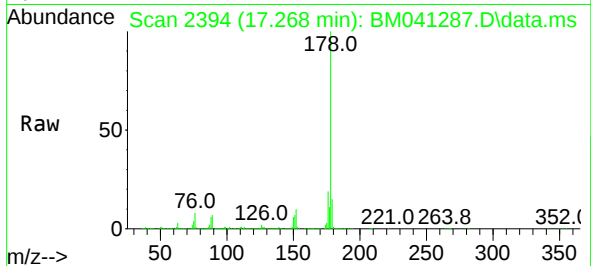
Tgt Ion:266 Resp: 626044
Ion Ratio Lower Upper
266 100
268 63.7 51.0 76.6
264 62.9 49.4 74.2





#71
Phenanthrene
Concen: 41.450 ng
RT: 17.268 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



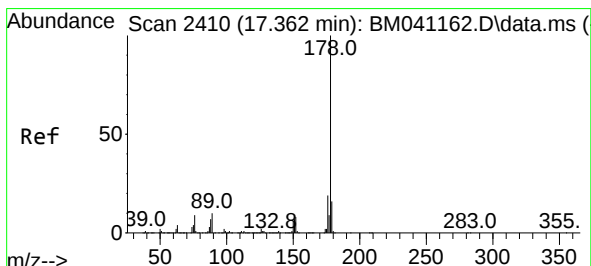
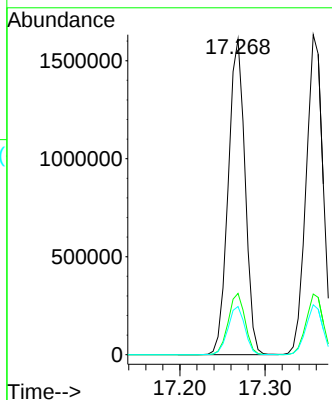
Tgt Ion:178 Resp: 220617
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.1 18.1

Manual Integrations
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Reviewed By :Yogesh
Patel

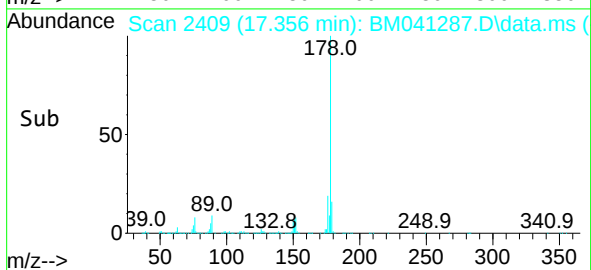
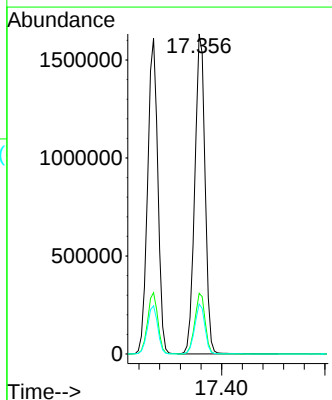
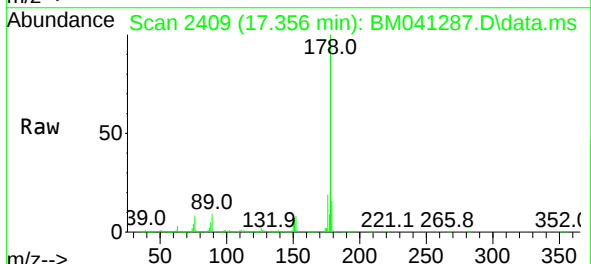
08/07/2023
Supervised By :mohammad
ahmed

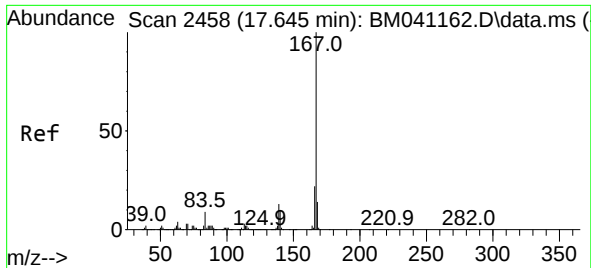
08/07/2023



#72
Anthracene
Concen: 42.612 ng
RT: 17.356 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

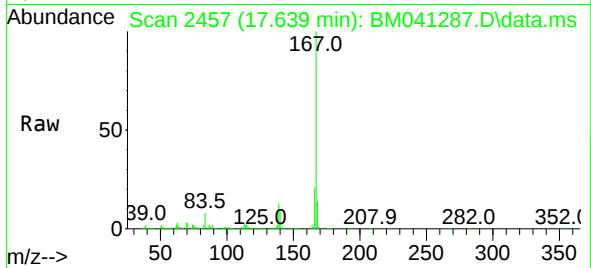
Tgt Ion:178 Resp: 2243134
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 44.094 ng
 RT: 17.639 min Scan# 2458
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMS



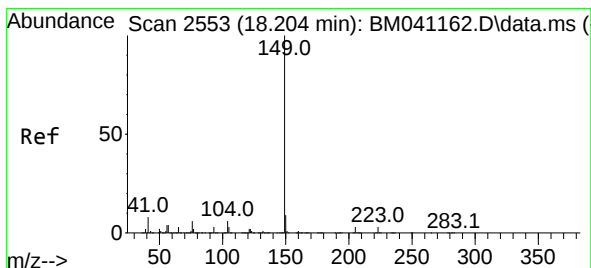
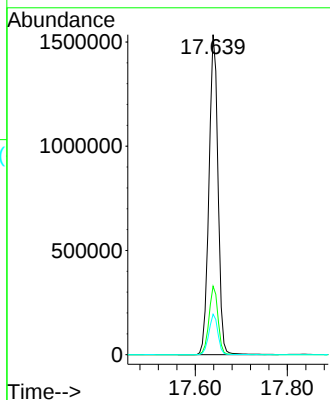
Tgt Ion:167 Resp: 2100890
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 12.6 10.3 15.5

Manual Integrations
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Reviewed By :Yogesh
 Patel

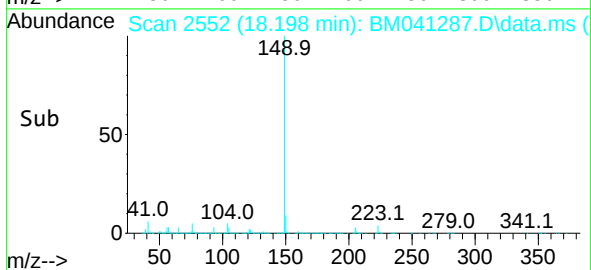
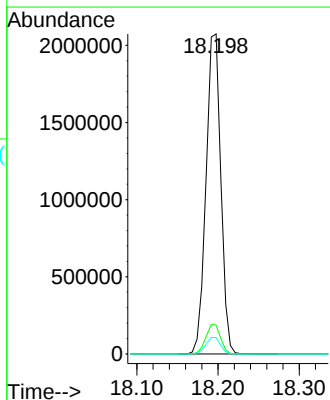
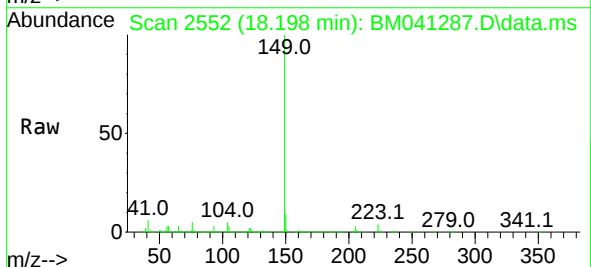
08/07/2023
 Supervised By :mohammad
 ahmed

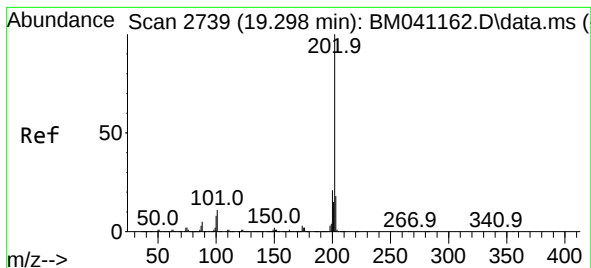
08/07/2023



#74
 Di-n-butylphthalate
 Concen: 48.558 ng
 RT: 18.198 min Scan# 2552
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

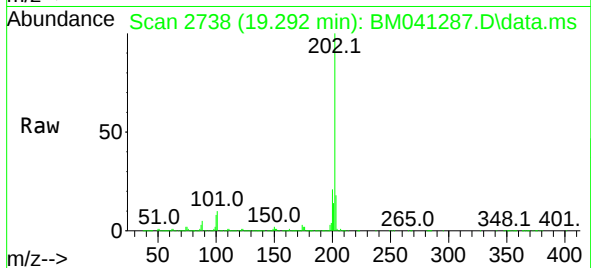
Tgt Ion:149 Resp: 2614362
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.2 4.5 6.7





#75
Fluoranthene
Concen: 45.885 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



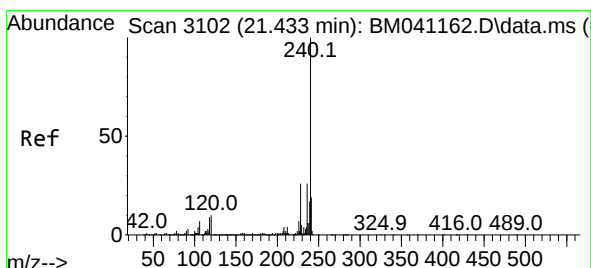
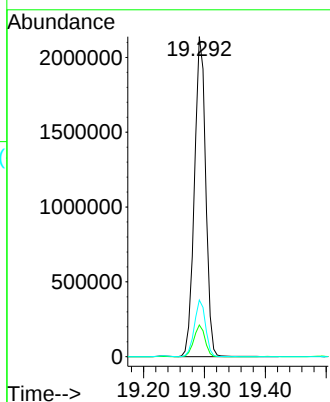
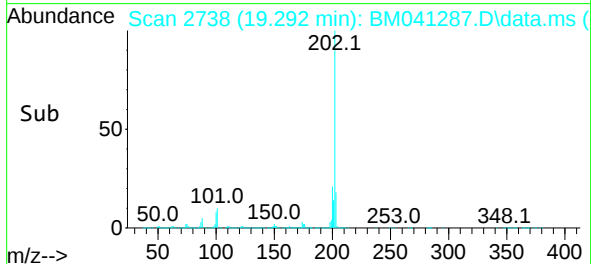
Tgt Ion:202 Resp: 274382
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.8
203 17.7 0.0 37.6

Manual Integrations
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Reviewed By :Yogesh
Patel

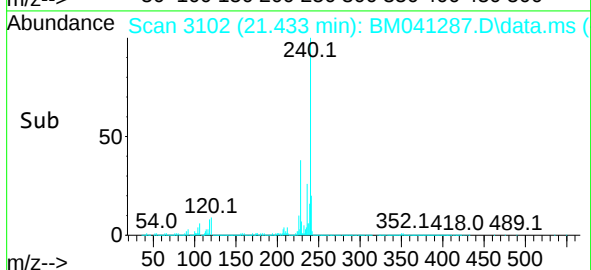
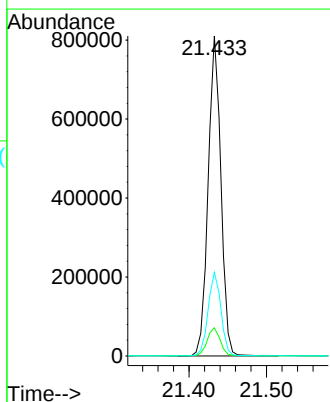
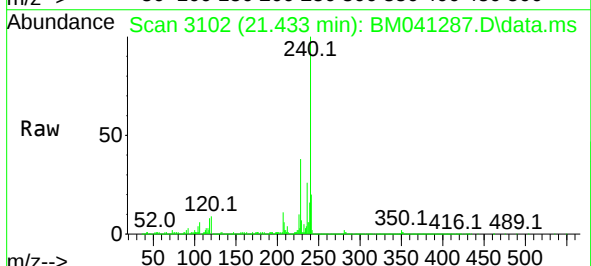
08/07/2023
Supervised By :mohammad
ahmed

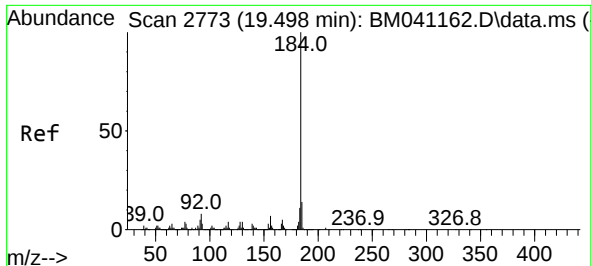
08/07/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

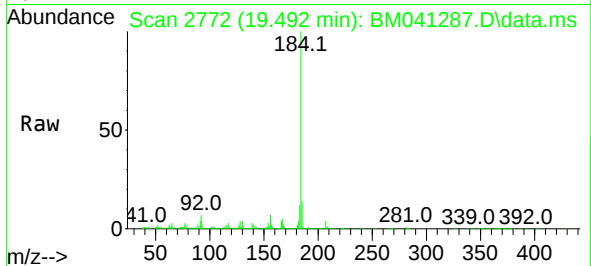
Tgt Ion:240 Resp: 924548
Ion Ratio Lower Upper
240 100
120 8.8 8.3 12.5
236 26.1 20.6 30.8





#77
Benzidine
Concen: 48.285 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



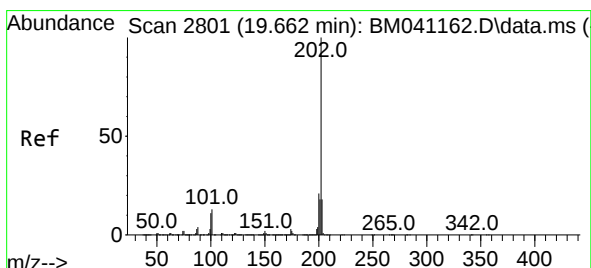
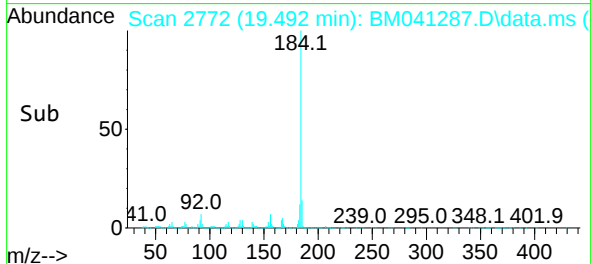
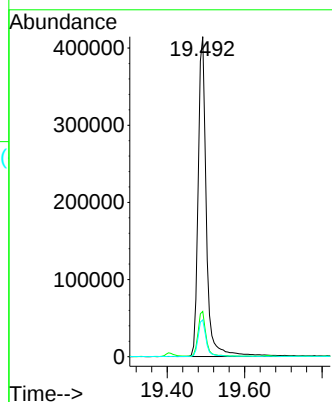
Tgt Ion:184 Resp: 608460
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.5 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

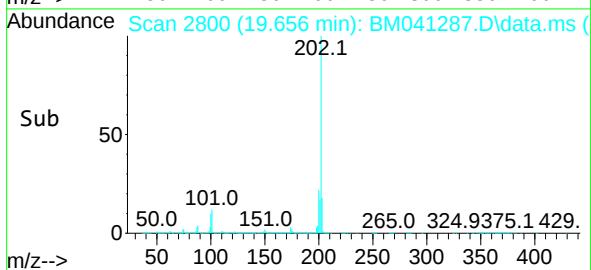
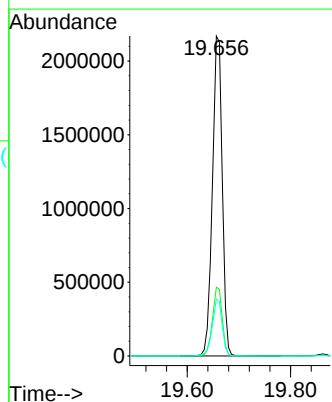
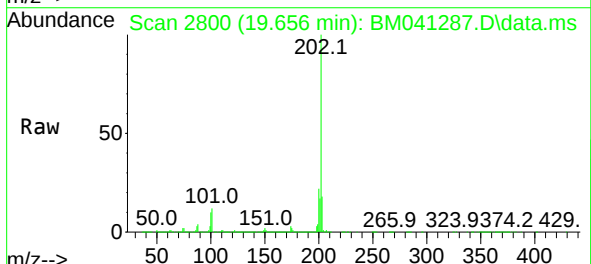
08/07/2023
Supervised By :mohammad
ahmed

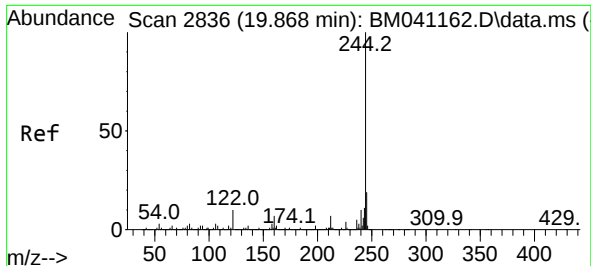
08/07/2023



#78
Pyrene
Concen: 44.399 ng
RT: 19.656 min Scan# 2800
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

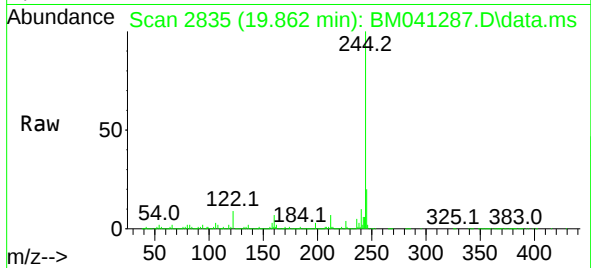
Tgt Ion:202 Resp: 2870603
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.8 14.1 21.1





#79
 Terphenyl-d14
 Concen: 86.775 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Instrument :
 BNA_M
 ClientSampleId :
 BERGENFIELD-SOIL-COMPMS



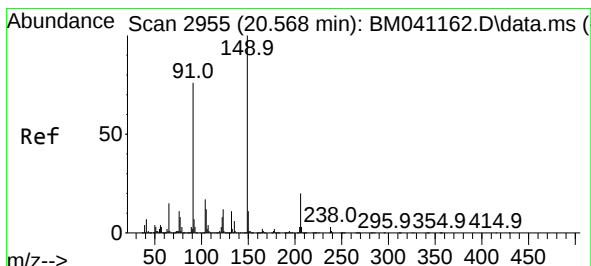
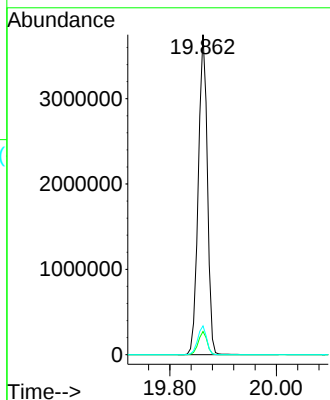
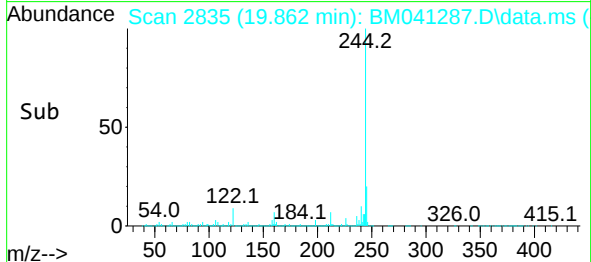
Tgt Ion:244 Resp: 4437210
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 9.0 7.8 11.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

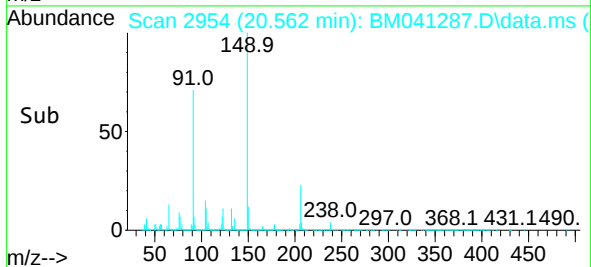
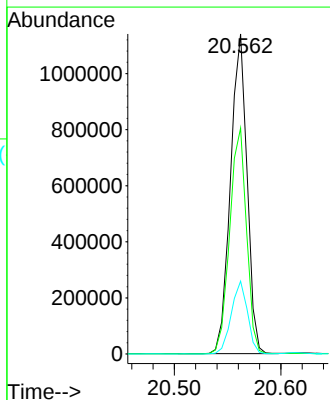
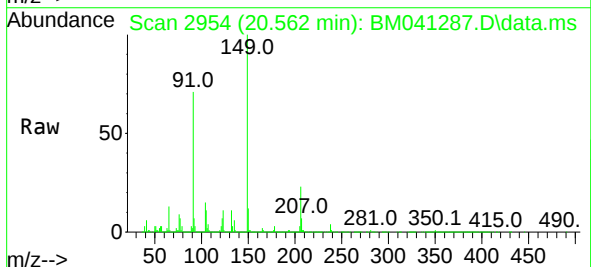
08/07/2023
 Supervised By :mohammad
 ahmed

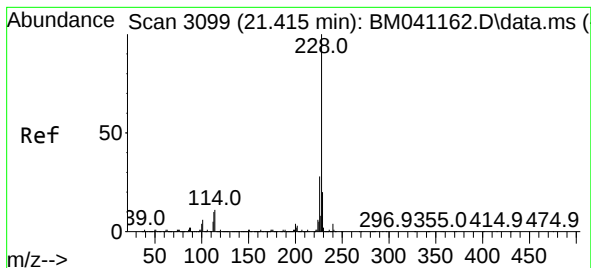
08/07/2023



#80
 Butylbenzylphthalate
 Concen: 52.143 ng
 RT: 20.562 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: BM041287.D
 Acq: 04 Aug 2023 10:38

Tgt Ion:149 Resp: 1231147
 Ion Ratio Lower Upper
 149 100
 91 70.6 60.8 91.2
 206 22.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 45.570 ng

RT: 21.415 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041287.D

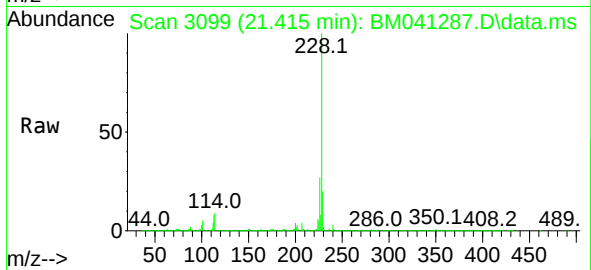
Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMS



Tgt Ion:228 Resp: 285619

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

229 19.9 15.8 23.8

Manual Integrations

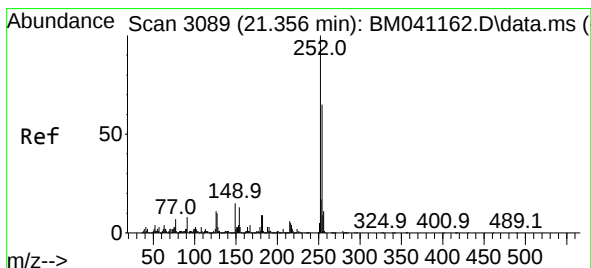
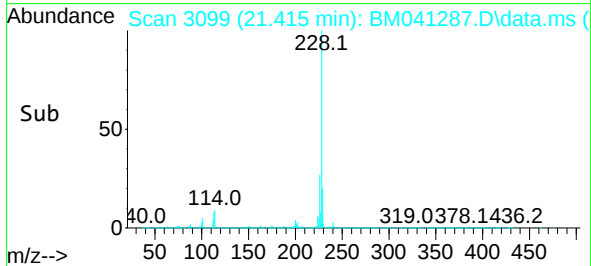
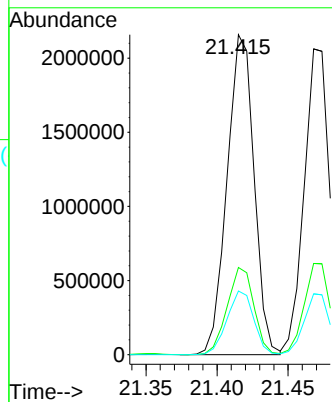
APPROVED

Reviewed By :Yogesh
Patel

08/07/2023

Supervised By :mohammad
ahmed

08/07/2023



#82

3,3'-Dichlorobenzidine

Concen: 28.020 ng

RT: 21.350 min Scan# 3088

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

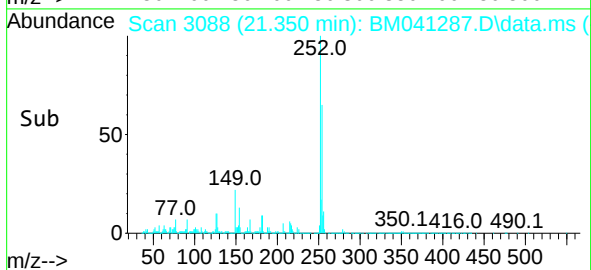
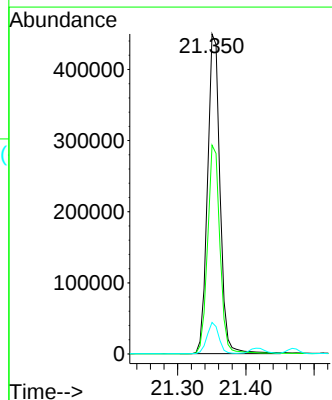
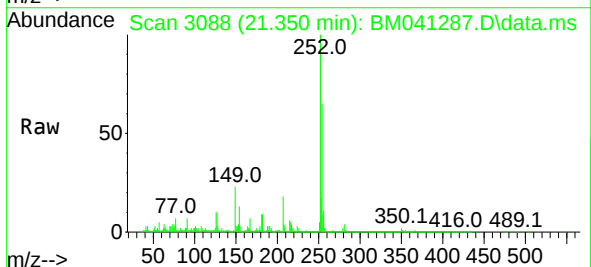
Tgt Ion:252 Resp: 573069

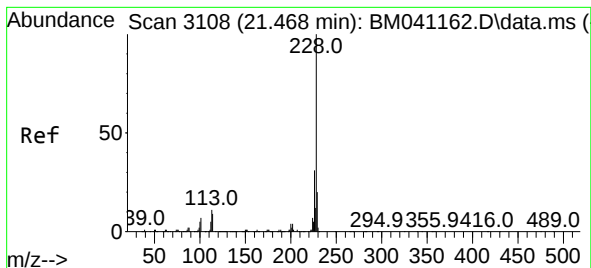
Ion Ratio Lower Upper

252 100

254 65.3 51.8 77.6

126 9.9 8.6 13.0





#83

Chrysene

Concen: 42.416 ng

RT: 21.468 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM041287.D

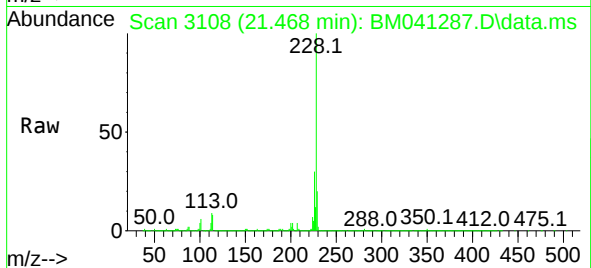
Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMS



Tgt Ion:228 Resp: 257144

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

229 19.9 15.8 23.8

Manual Integrations

APPROVED

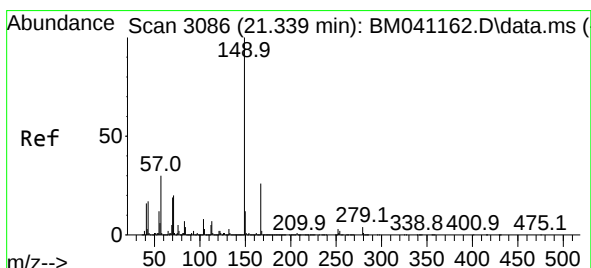
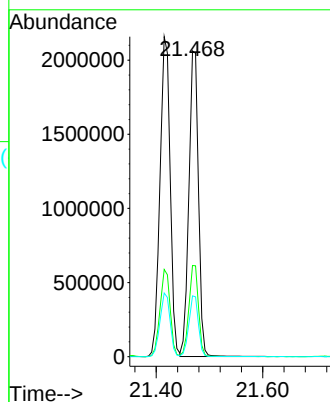
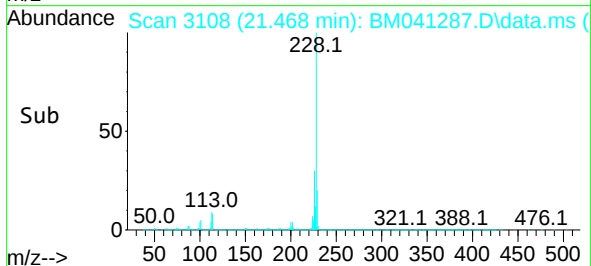
Reviewed By :Yogesh

Patel

08/07/2023

Supervised By :mohammad
ahmed

08/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.889 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

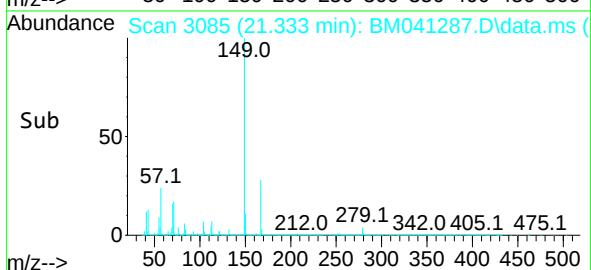
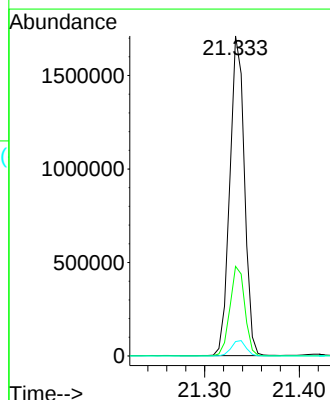
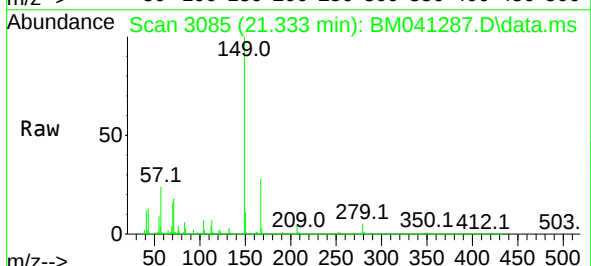
Tgt Ion:149 Resp: 1834968

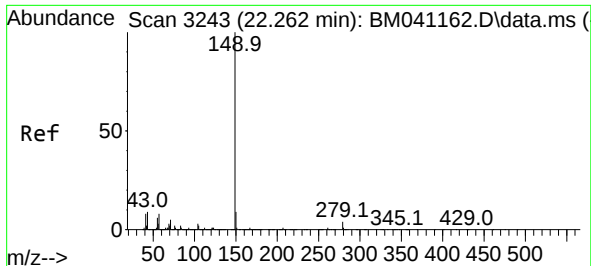
Ion Ratio Lower Upper

149 100

167 28.0 21.0 31.6

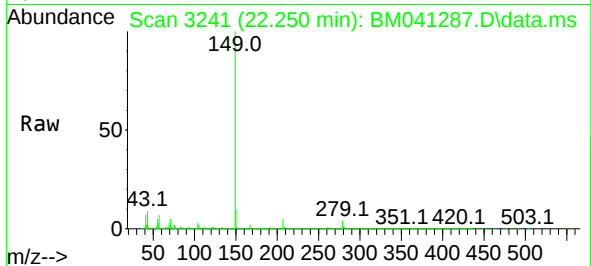
279 4.5 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 52.171 ng
RT: 22.250 min Scan# 311316
Delta R.T. -0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



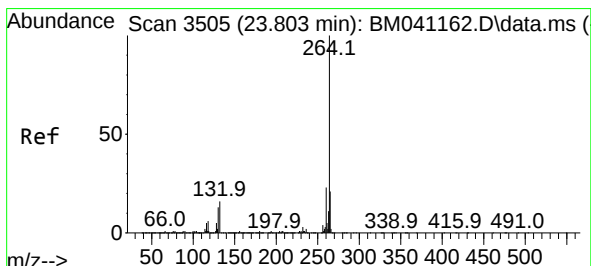
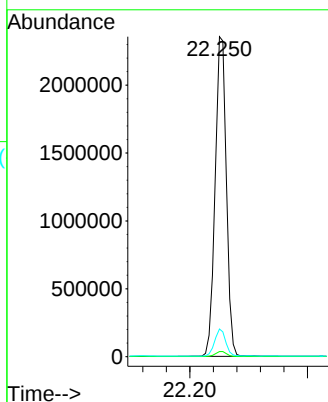
Tgt Ion:149 Resp: 311316
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.3 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

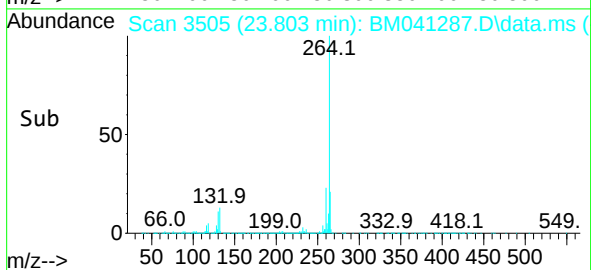
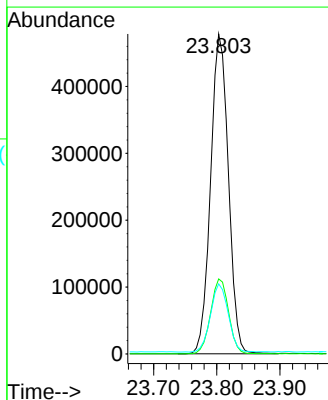
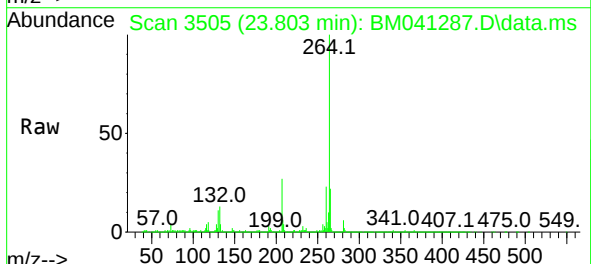
08/07/2023
Supervised By :mohammad
ahmed

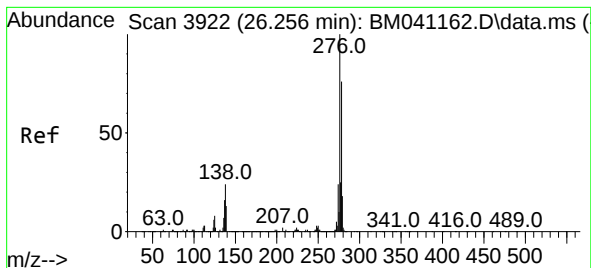
08/07/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.803 min Scan# 3505
Delta R.T. -0.000 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:264 Resp: 936138
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.216 ng

RT: 26.274 min Scan# 3922

Delta R.T. 0.012 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMS

Tgt Ion:276 Resp: 263023

Ion Ratio Lower Upper

276 100

138 19.9 20.0 30.0

277 25.1 20.1 30.1

Manual Integrations

APPROVED

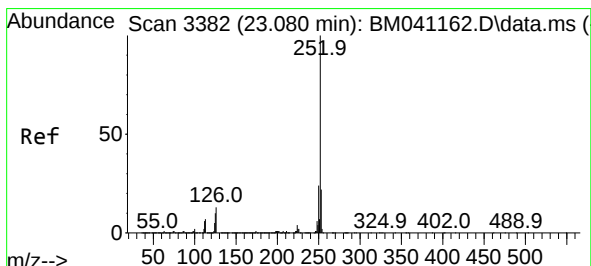
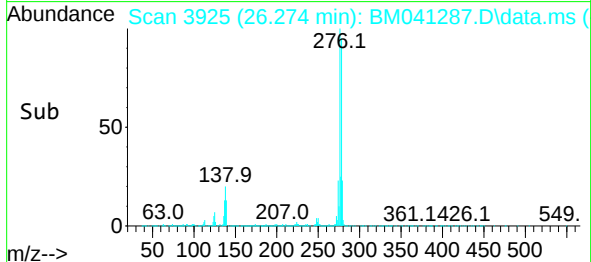
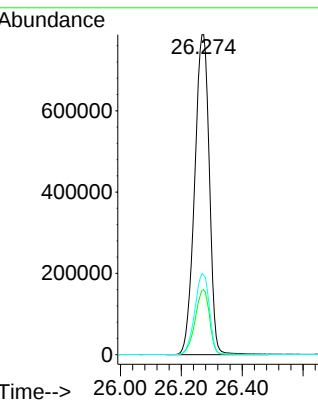
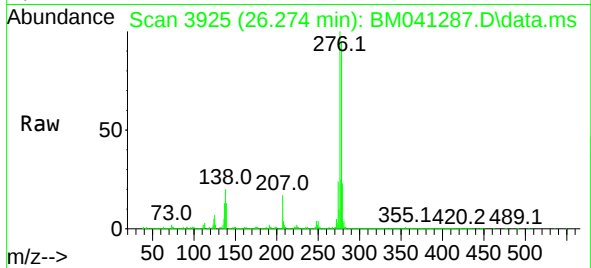
Reviewed By :Yogesh

Patel

08/07/2023

Supervised By :mohammad
ahmed

08/07/2023



#88

Benzo(b)fluoranthene

Concen: 47.235 ng

RT: 23.085 min Scan# 3383

Delta R.T. -0.000 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

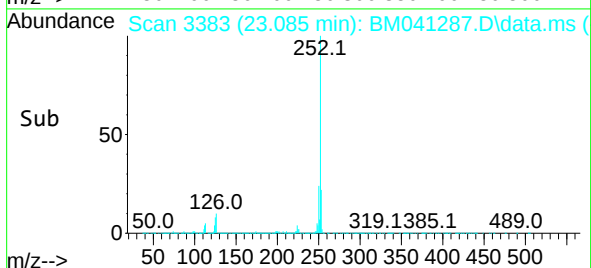
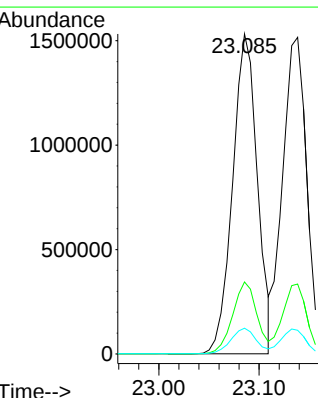
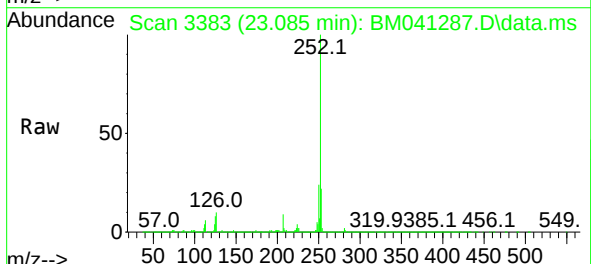
Tgt Ion:252 Resp: 2626871

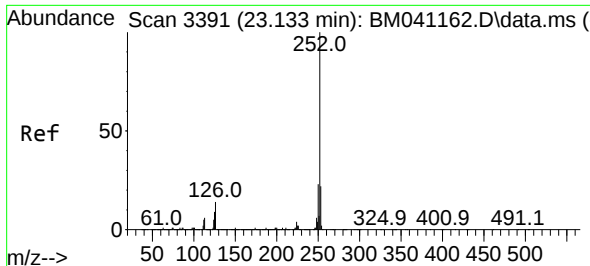
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

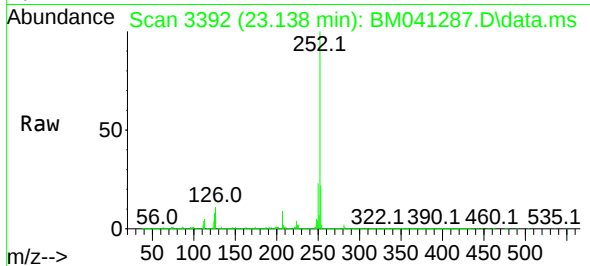
125 8.1 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 44.394 ng m
RT: 23.138 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Instrument :
BNA_M
ClientSampleId :
BERGENFIELD-SOIL-COMPMS



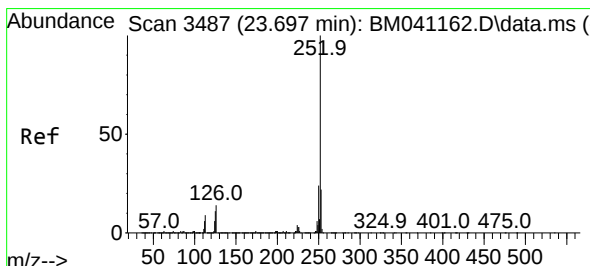
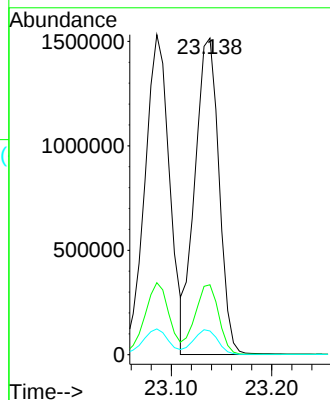
Tgt Ion:252 Resp: 2525390
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 7.5 7.6 11.4

Manual Integrations
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Reviewed By :Yogesh
Patel

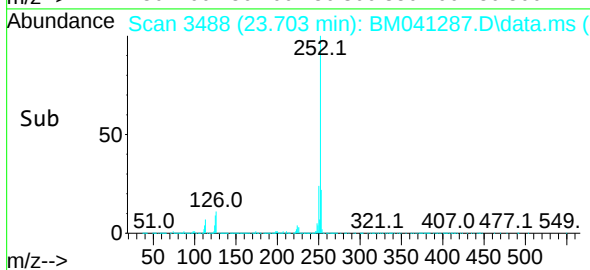
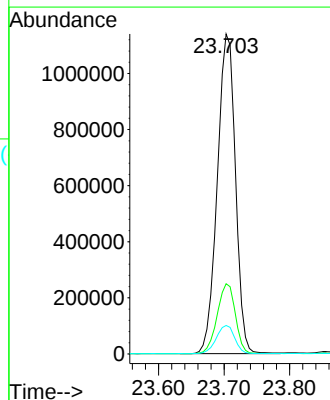
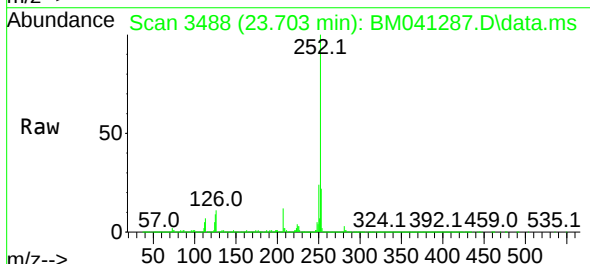
08/07/2023
Supervised By :mohammad
ahmed

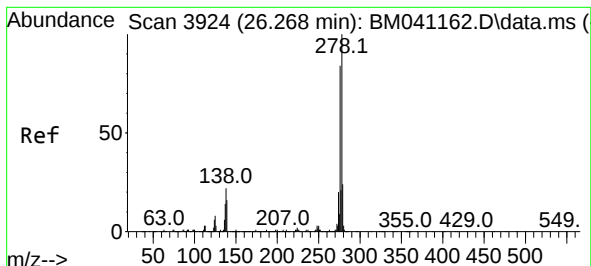
08/07/2023



#90
Benzo(a)pyrene
Concen: 40.945 ng
RT: 23.703 min Scan# 3488
Delta R.T. 0.006 min
Lab File: BM041287.D
Acq: 04 Aug 2023 10:38

Tgt Ion:252 Resp: 2187898
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 8.9 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 38.431 ng

RT: 26.279 min Scan# 3924

Delta R.T. 0.006 min

Lab File: BM041287.D

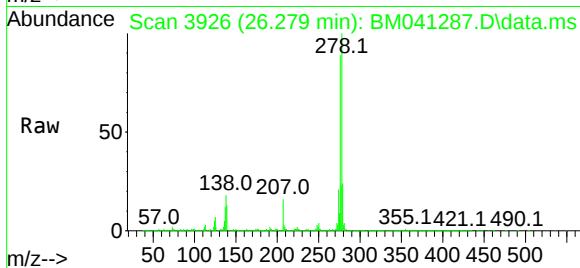
Acq: 04 Aug 2023 10:38

Instrument :

BNA_M

ClientSampleId :

BERGENFIELD-SOIL-COMPMS



Tgt Ion:278 Resp: 2206190

Ion Ratio Lower Upper

278 100

139 13.3 12.7 19.1

279 23.8 19.1 28.7

Manual Integrations

APPROVED

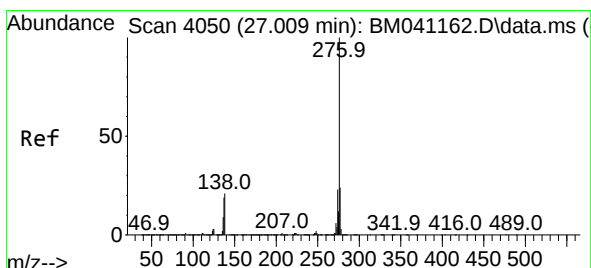
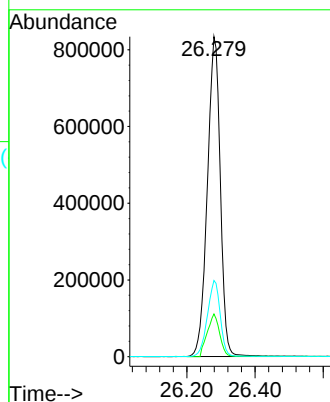
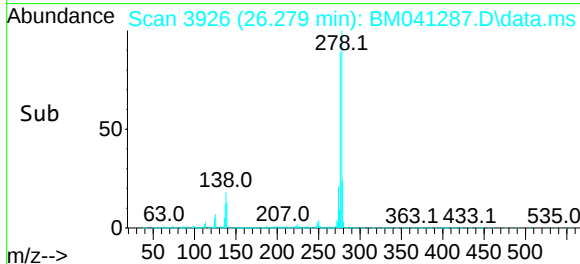
Reviewed By :Yogesh

Patel

08/07/2023

Supervised By :mohammad
ahmed

08/07/2023



#92

Benzo(g,h,i)perylene

Concen: 35.981 ng

RT: 27.026 min Scan# 4053

Delta R.T. 0.012 min

Lab File: BM041287.D

Acq: 04 Aug 2023 10:38

Tgt Ion:276 Resp: 2021114

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 17.4 17.1 25.7

