

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136691.D
 Acq On : 22 Dec 2023 18:09
 Operator : CG\JU
 Sample : 05884-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-2MS

Quant Time: Dec 23 01:52:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69385	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	265996	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	125211	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	204603	20.000	ng	0.00
76) Chrysene-d12	13.963	240	124085	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	145477	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	450806	101.374	ng	0.00
7) Phenol-d6	6.434	99	569160	98.775	ng	0.00
23) Nitrobenzene-d5	7.345	82	361221	69.490	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	135614	91.964	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	659401	70.831	ng	-0.01
79) Terphenyl-d14	12.904	244	525388	59.170	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	74364	40.135	ng	99
3) Pyridine	3.375	79	180438	39.913	ng	98
4) n-Nitrosodimethylamine	3.340	42	107528	44.540	ng	96
6) Aniline	6.451	93	179058	31.081	ng	# 36
8) 2-Chlorophenol	6.575	128	215967	44.379	ng	93
9) Benzaldehyde	6.334	77	58593	17.877	ng	99
10) Phenol	6.445	94	258746	42.065	ng	91
11) bis(2-Chloroethyl)ether	6.522	93	199212	42.586	ng	99
12) 1,3-Dichlorobenzene	6.722	146	220651	41.563	ng	99
13) 1,4-Dichlorobenzene	6.798	146	230162	42.431	ng	99
14) 1,2-Dichlorobenzene	6.951	146	211471	41.896	ng	98
15) Benzyl Alcohol	6.934	79	179011	46.049	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	320734	41.937	ng	82
17) 2-Methylphenol	7.045	107	167642	41.583	ng	97
18) Hexachloroethane	7.287	117	81836	41.542	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	146570	41.961	ng	100
20) 3+4-Methylphenols	7.198	107	209661	41.627	ng	# 83
22) Acetophenone	7.192	105	298565	44.781	ng	# 92
24) Nitrobenzene	7.369	77	218218	41.907	ng	94
25) Isophorone	7.604	82	400343	42.326	ng	99
26) 2-Nitrophenol	7.681	139	109596	43.991	ng	97
27) 2,4-Dimethylphenol	7.722	122	155475	51.260	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	240608	41.849	ng	99
29) 2,4-Dichlorophenol	7.928	162	169803	43.485	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	181575	41.734	ng	99
31) Naphthalene	8.087	128	607562	41.577	ng	99
32) Benzoic acid	7.851	122	90899	30.974	ng	90
33) 4-Chloroaniline	8.134	127	88331	16.371	ng	97
34) Hexachlorobutadiene	8.198	225	107357	40.614	ng	99
35) Caprolactam	8.510	113	57981m	45.010	ng	
36) 4-Chloro-3-methylphenol	8.628	107	181060	41.188	ng	96
37) 2-Methylnaphthalene	8.775	142	378041	40.198	ng	99
38) 1-Methylnaphthalene	8.875	142	367371	39.816	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	185112	47.737	ng	98
41) Hexachlorocyclopentadiene	8.922	237	93599	75.967	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	113410	45.604	ng	97

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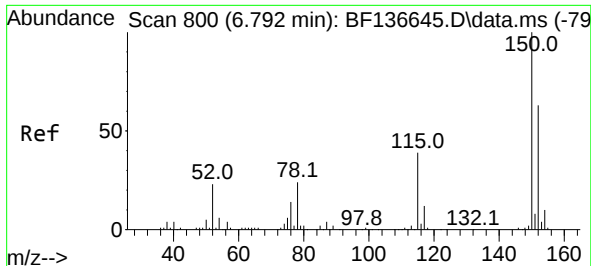
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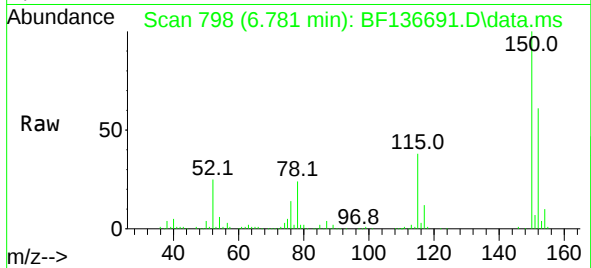
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	121557	43.864	ng	95
46) 1,1'-Biphenyl	9.239	154	484465	46.108	ng	100
47) 2-Chloronaphthalene	9.263	162	350017	43.820	ng	99
48) 2-Nitroaniline	9.369	65	114594	45.813	ng	91
49) Acenaphthylene	9.681	152	573977	47.012	ng	100
50) Dimethylphthalate	9.545	163	399249	43.654	ng	99
51) 2,6-Dinitrotoluene	9.610	165	88896	42.828	ng	91
52) Acenaphthene	9.851	154	324401	42.864	ng	98
53) 3-Nitroaniline	9.775	138	68538	31.171	ng	99
54) 2,4-Dinitrophenol	9.886	184	47001	42.685	ng	# 85
55) Dibenzofuran	10.028	168	491515	42.844	ng	99
56) 4-Nitrophenol	9.957	139	114437	77.099	ng	99
57) 2,4-Dinitrotoluene	10.016	165	112066	41.590	ng	100
58) Fluorene	10.369	166	378697	41.602	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	92197m	43.219	ng	
60) Diethylphthalate	10.245	149	406942	42.885	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	182884	41.334	ng	97
62) 4-Nitroaniline	10.392	138	74780m	35.280	ng	
63) Azobenzene	10.522	77	362001	40.844	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	38108	32.499	ng	90
66) n-Nitrosodiphenylamine	10.486	169	343727	51.716	ng	97
67) 4-Bromophenyl-phenylether	10.851	248	106147	46.714	ng	96
68) Hexachlorobenzene	10.916	284	114060	45.043	ng	94
69) Atrazine	11.016	200	102254	60.151	ng	98
70) Pentachlorophenol	11.116	266	93198	78.961	ng	97
71) Phenanthrene	11.333	178	488383	46.520	ng	99
72) Anthracene	11.386	178	482005	45.335	ng	99
73) Carbazole	11.545	167	415415	41.442	ng	100
74) Di-n-butylphthalate	11.874	149	567489	46.395	ng	99
75) Fluoranthene	12.527	202	437776	38.984	ng	99
77) Benzidine	12.651	184	108567	29.673	ng	99
78) Pyrene	12.757	202	437149	35.888	ng	100
80) Butylbenzylphthalate	13.380	149	184994	41.737	ng	97
81) Benzo(a)anthracene	13.951	228	374605	43.476	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	110954	45.344	ng	98
83) Chrysene	13.986	228	364360	43.243	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	253573	45.470	ng	99
85) Di-n-octyl phthalate	14.563	149	447705	51.900	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	376567	35.851	ng	99
88) Benzo(b)fluoranthene	15.004	252	418391	43.060	ng	99
89) Benzo(k)fluoranthene	15.039	252	360133	39.225	ng	98
90) Benzo(a)pyrene	15.374	252	350712	42.760	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	318005	36.904	ng	99
92) Benzo(g,h,i)perylene	17.386	276	278425	31.547	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
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Acq: 22 Dec 2023 18:09

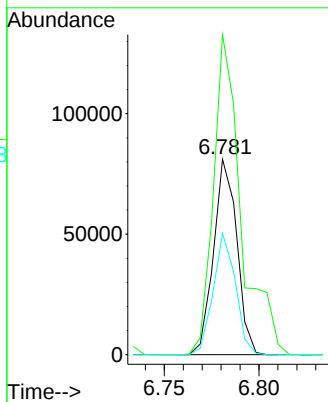
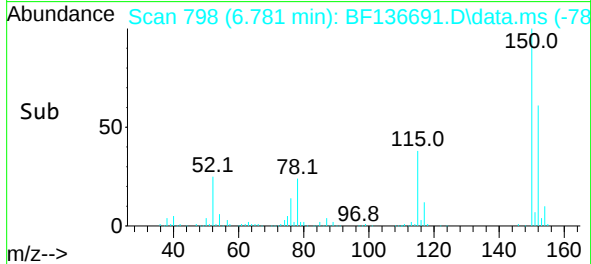
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS



Tgt Ion:152 Resp: 6938
Ion Ratio Lower Upper
152 100
150 163.6 127.0 190.6
115 62.1 49.0 73.4

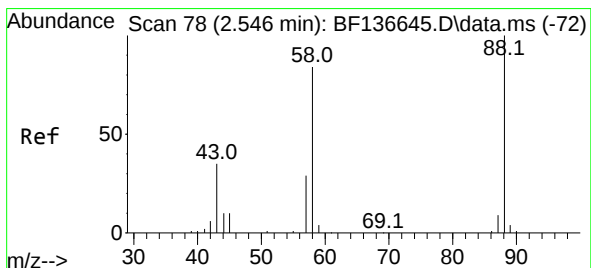
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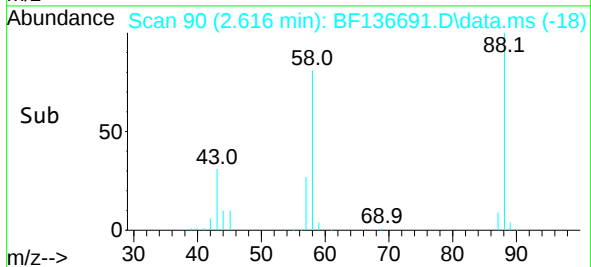
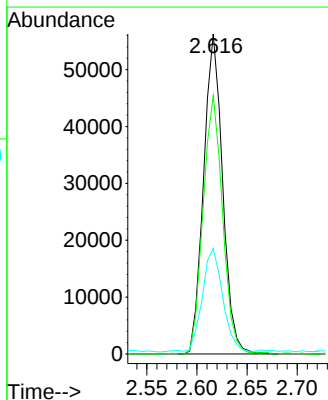
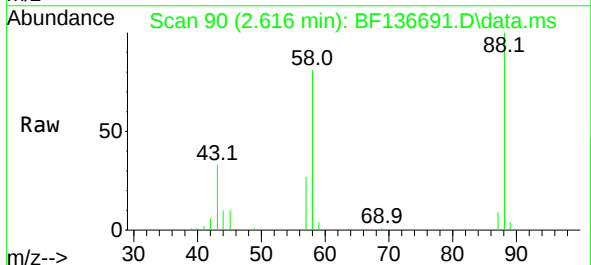
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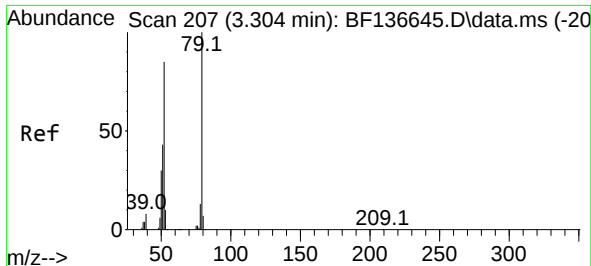
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#2
1,4-Dioxane
Concen: 40.135 ng
RT: 2.616 min Scan# 90
Delta R.T. 0.071 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

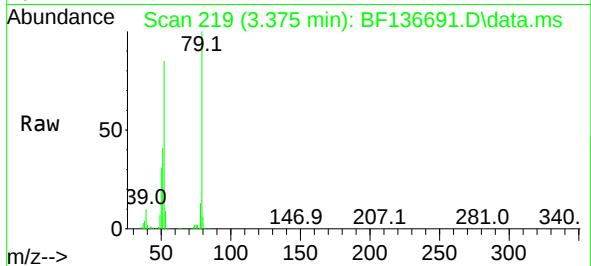
Tgt Ion: 88 Resp: 74364
Ion Ratio Lower Upper
88 100
58 82.9 67.4 101.0
43 35.1 27.7 41.5





#3
Pyridine
Concen: 39.913 ng
RT: 3.375 min Scan# 211
Delta R.T. 0.071 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

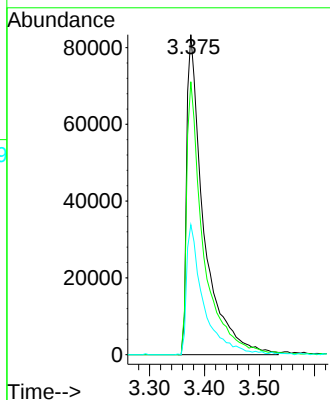
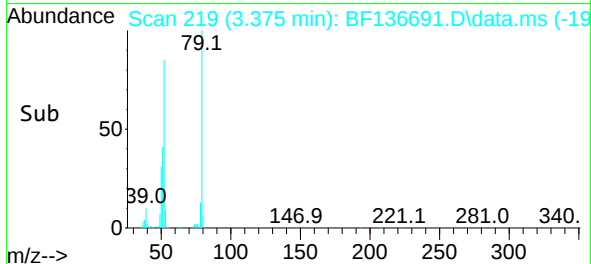
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS



Tgt Ion: 79 Resp: 180438
Ion Ratio Lower Upper
79 100
52 85.3 67.7 101.5
51 40.6 34.0 51.0

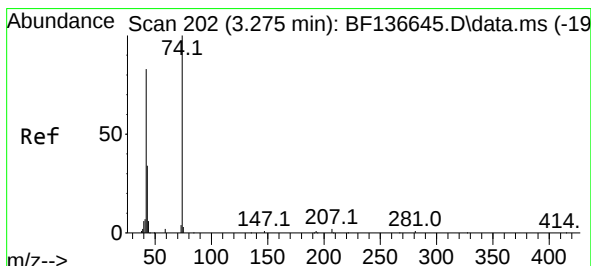
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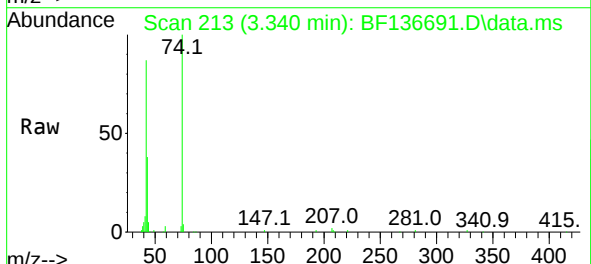


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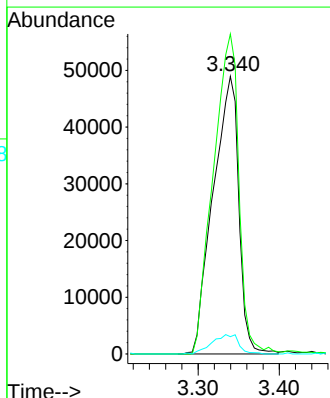
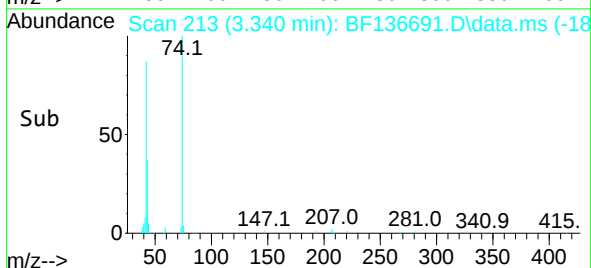
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#4
n-Nitrosodimethylamine
Concen: 44.540 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.065 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09



Tgt Ion: 42 Resp: 107528
Ion Ratio Lower Upper
42 100
74 115.2 96.0 144.0
44 6.2 5.4 8.2





#5
2-Fluorophenol
Concen: 101.374 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

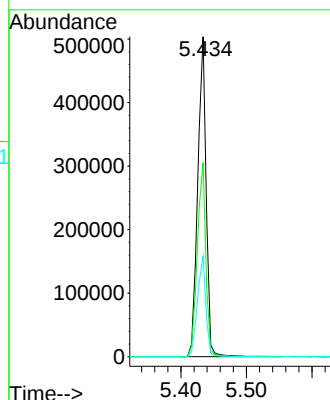
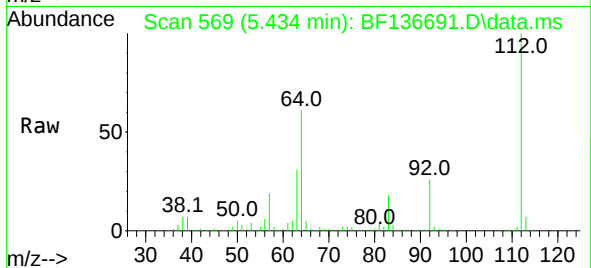
SOIL-COMP-2MS

Tgt Ion:112 Resp: 450800
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 31.4 26.1 39.1

Manual Integrations

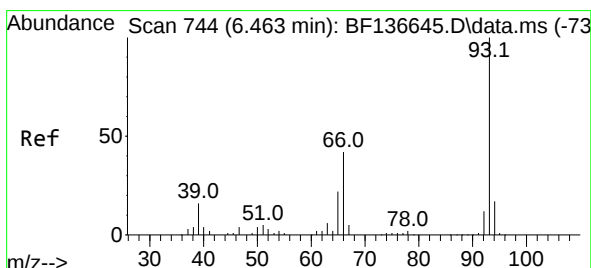
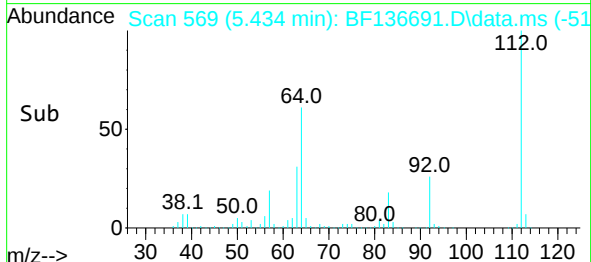
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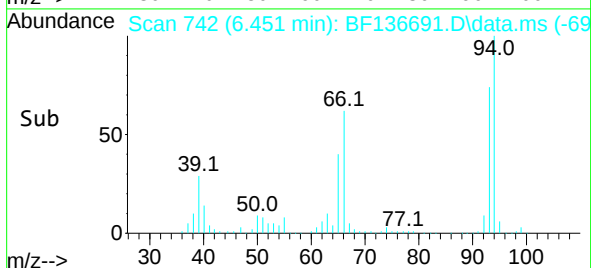
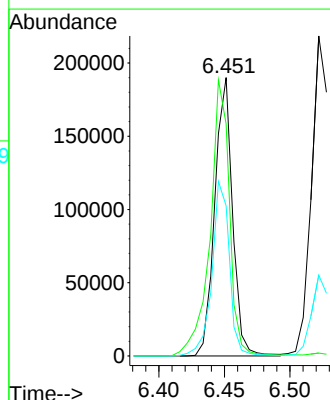
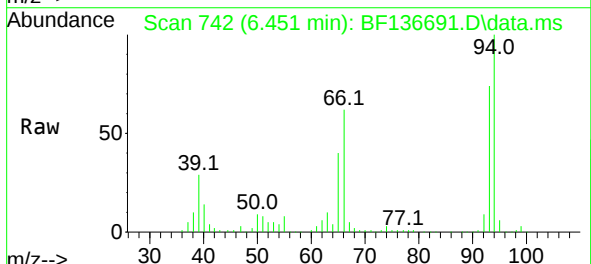
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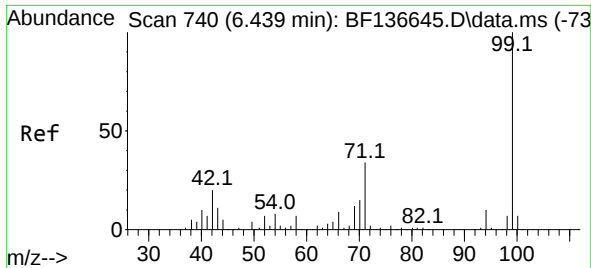
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#6
Aniline
Concen: 31.081 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

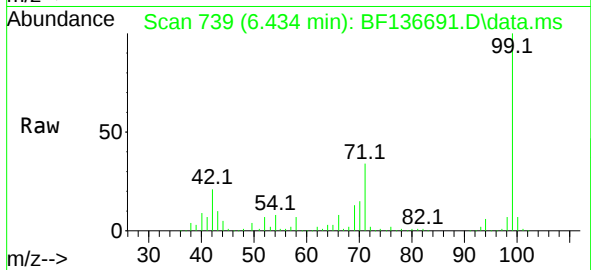
Tgt Ion: 93 Resp: 179058
Ion Ratio Lower Upper
93 100
66 83.3 34.6 51.8#
65 53.9 17.8 26.8#





#7
Phenol-d6
Concen: 98.775 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

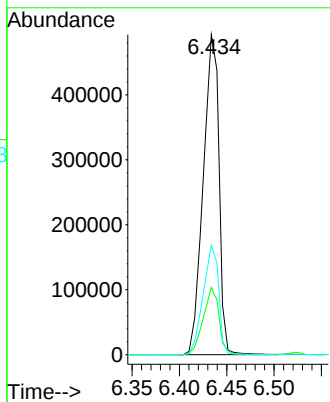
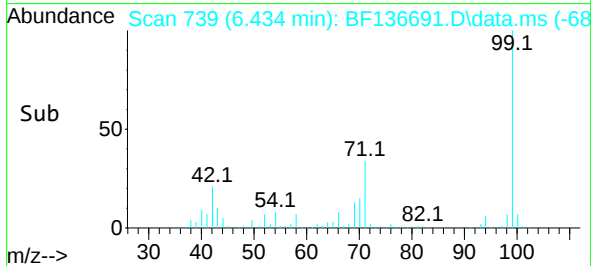
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS



Tgt Ion: 99 Resp: 569160
Ion Ratio Lower Upper
99 100
42 21.0 16.1 24.1
71 34.2 27.4 41.2

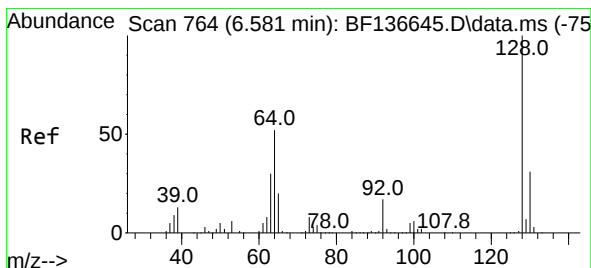
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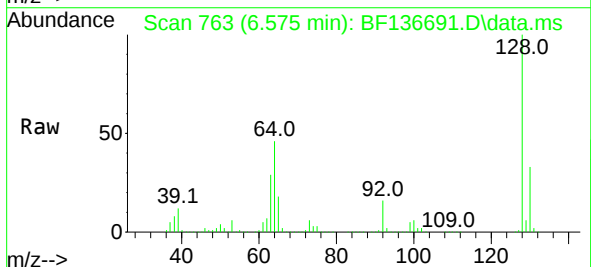


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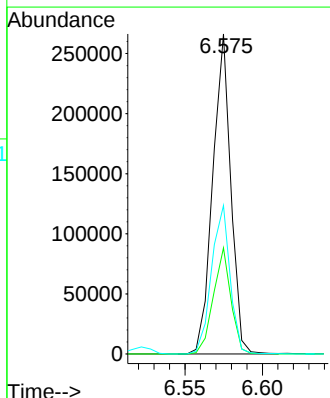
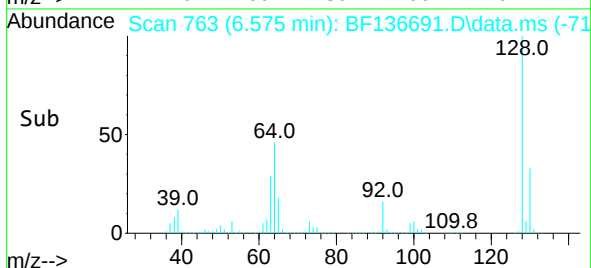
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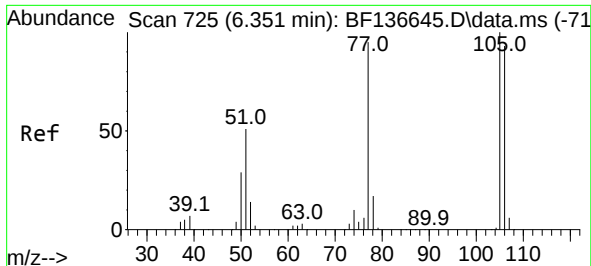


#8
2-Chlorophenol
Concen: 44.379 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136691.D
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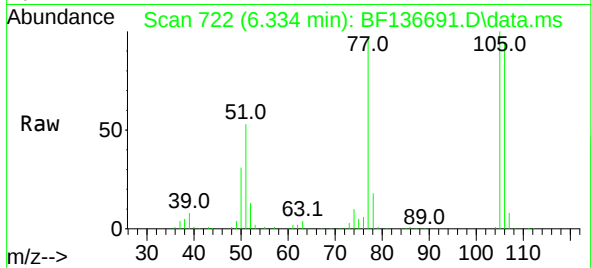
Tgt Ion:128 Resp: 215967
Ion Ratio Lower Upper
128 100
130 33.1 11.3 51.3
64 46.4 32.5 72.5





#9
Benzaldehyde
Concen: 17.877 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

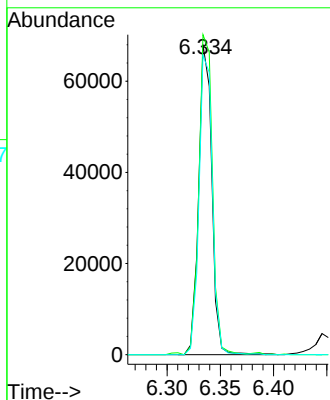
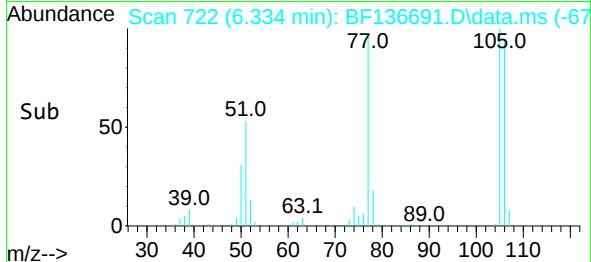
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 5859
Ion Ratio Lower Upper
77 100
105 103.2 84.8 124.8
106 96.5 77.8 117.8

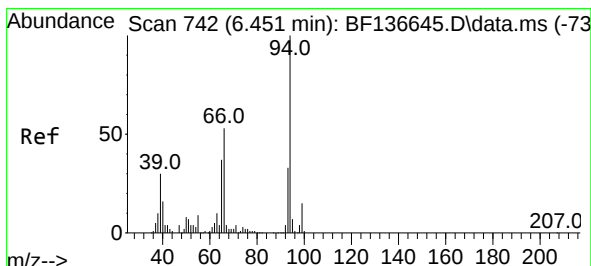
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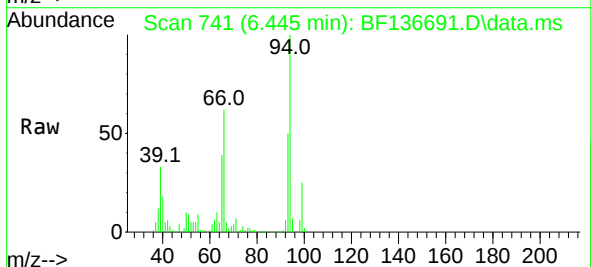


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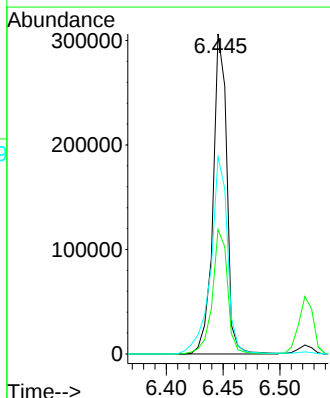
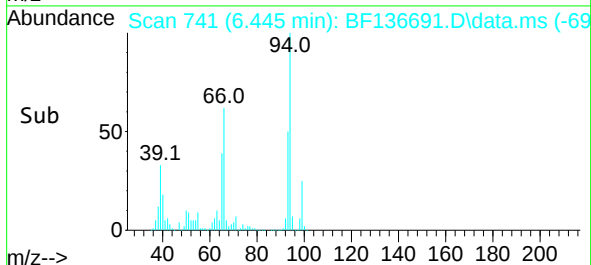
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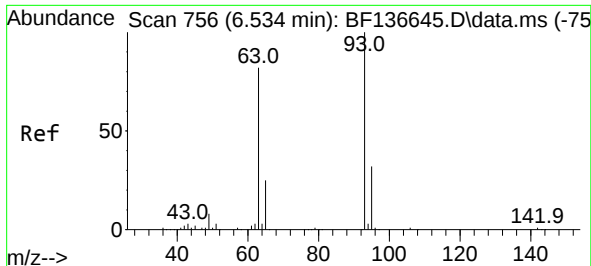


#10
Phenol
Concen: 42.065 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09



Tgt Ion: 94 Resp: 258746
Ion Ratio Lower Upper
94 100
65 38.9 16.6 56.6
66 61.5 32.6 72.6





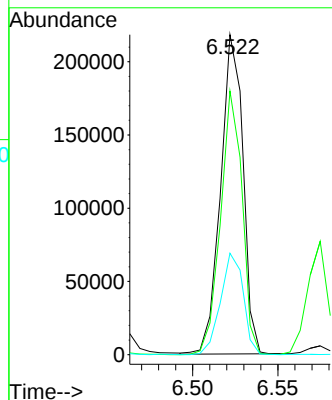
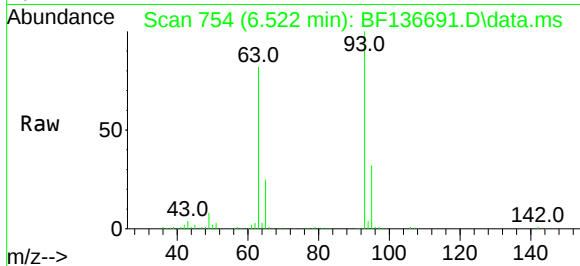
#11
bis(2-Chloroethyl)ether
Concen: 42.586 ng
RT: 6.522 min Scan# 756
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion: 93 Resp: 19921
Ion Ratio Lower Upper
93 100
63 82.4 61.2 101.2
95 31.7 11.6 51.6

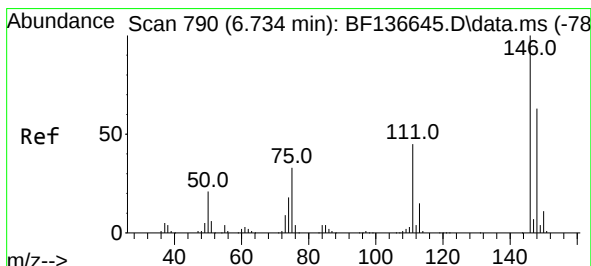
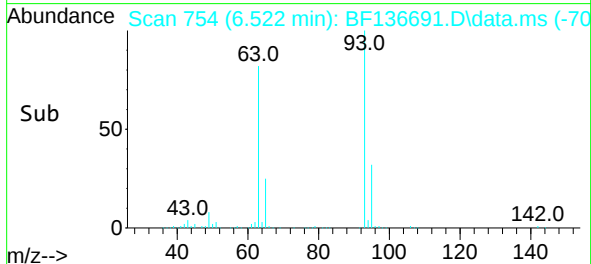
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Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



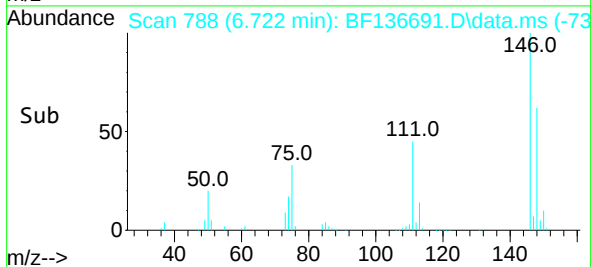
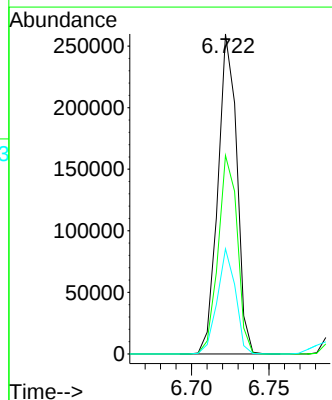
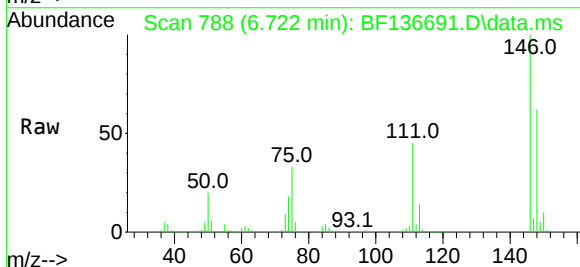
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Supervised By :mohammad
ahmed

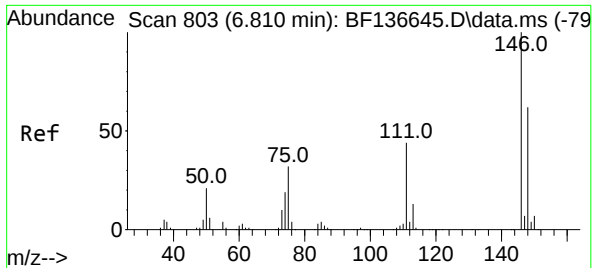
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#12
1,3-Dichlorobenzene
Concen: 41.563 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:146 Resp: 220651
Ion Ratio Lower Upper
146 100
148 62.1 50.5 75.7
75 32.9 26.2 39.4





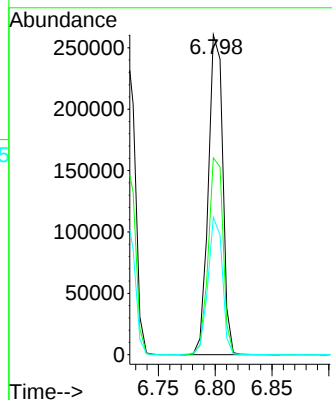
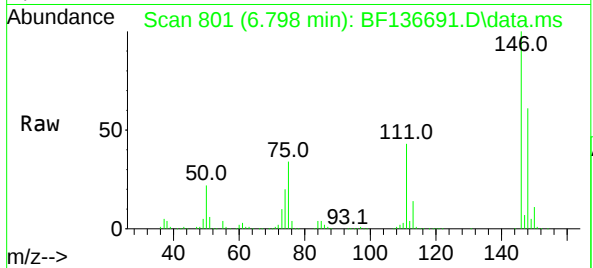
#13
1,4-Dichlorobenzene
Concen: 42.431 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion:146 Resp: 23016
Ion Ratio Lower Upper
146 100
148 61.5 49.2 73.8
111 42.9 35.2 52.8

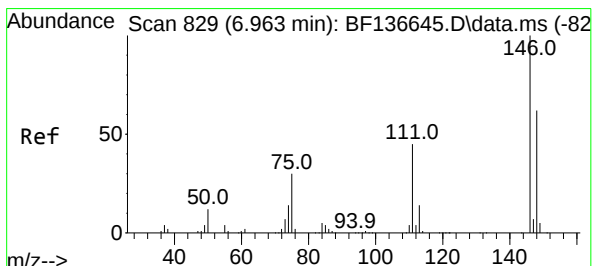
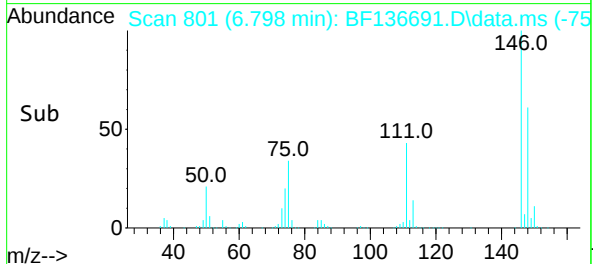
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Supervised By :mohammad ahmed 12/25/2023



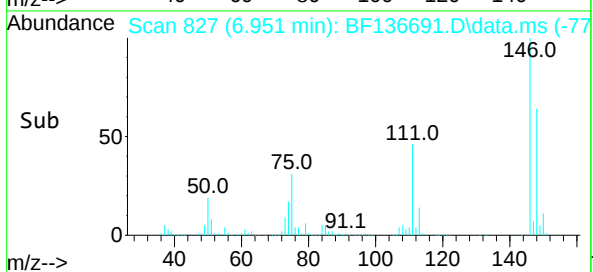
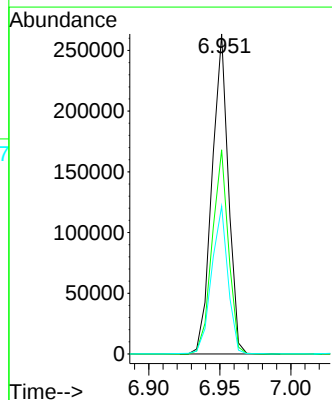
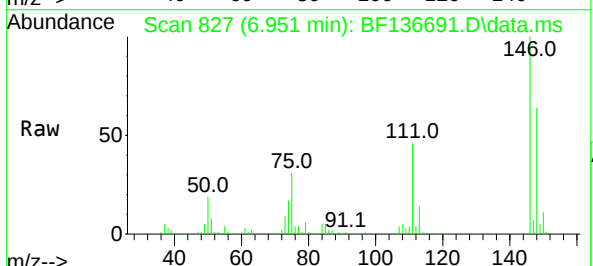
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Supervised By :mohammad
ahmed

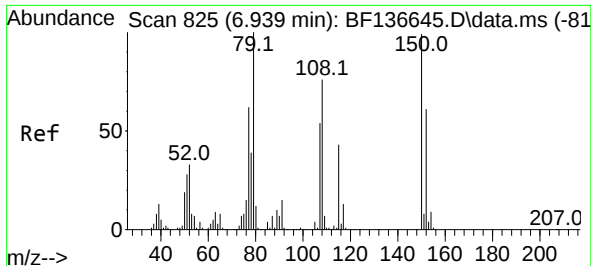
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#14
1,2-Dichlorobenzene
Concen: 41.896 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

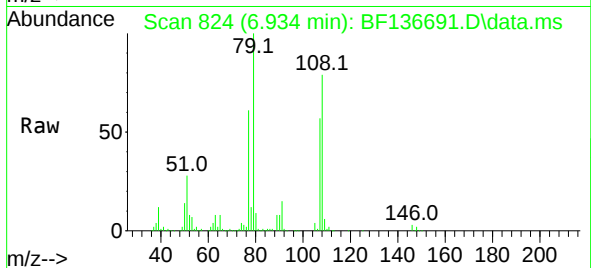
Tgt Ion:146 Resp: 211471
Ion Ratio Lower Upper
146 100
148 63.8 49.6 74.4
111 46.2 36.2 54.2





#15
Benzyl Alcohol
Concen: 46.049 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

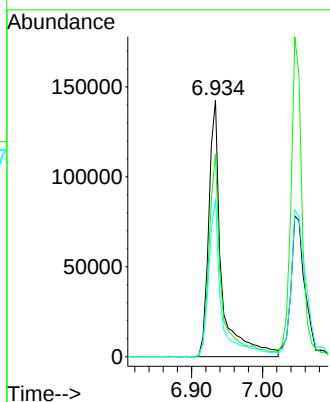
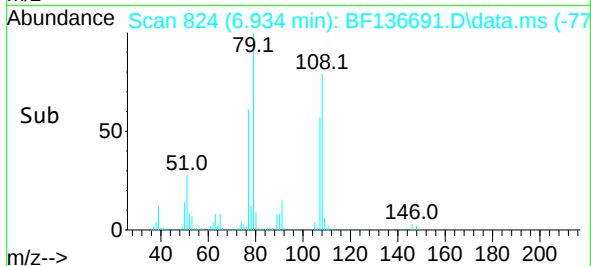
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS



Tgt Ion: 79 Resp: 17901
Ion Ratio Lower Upper
79 100
108 78.9 61.0 91.6
77 61.4 49.8 74.8

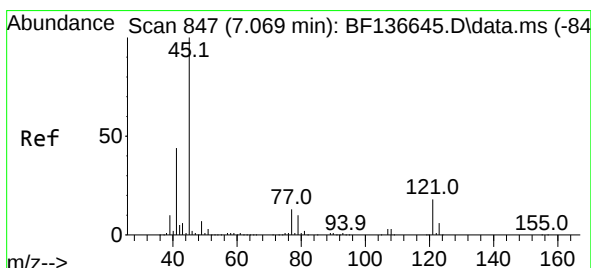
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Supervised By :mohammad ahmed 12/25/2023



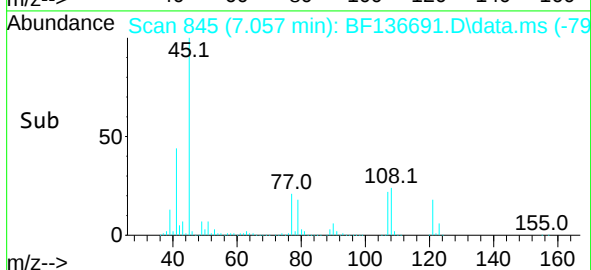
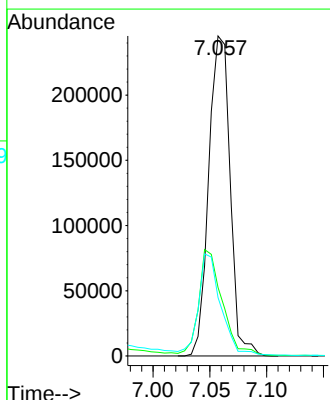
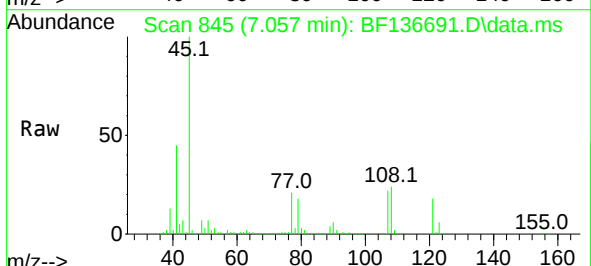
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ahmed

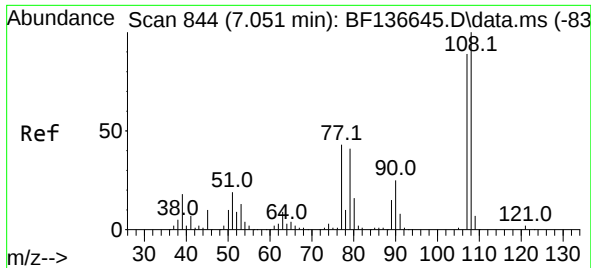
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.937 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion: 45 Resp: 320734
Ion Ratio Lower Upper
45 100
77 21.4 0.0 34.3
79 18.2 0.0 31.4





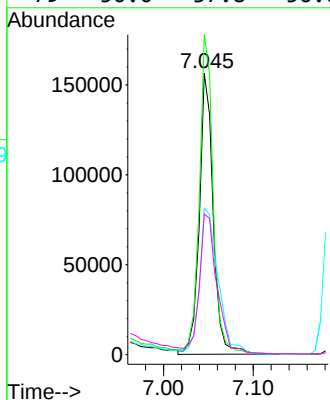
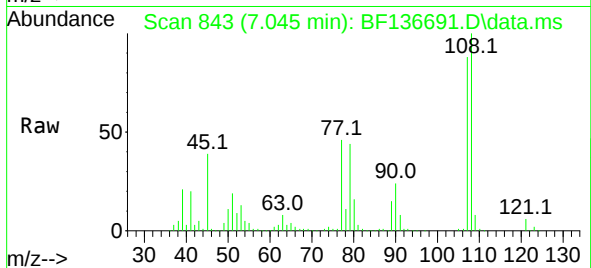
#17
2-Methylphenol
Concen: 41.583 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion:107 Resp: 16764
Ion Ratio Lower Upper
107 100
108 113.7 90.3 135.5
77 52.1 38.7 58.1
79 50.0 37.8 56.6

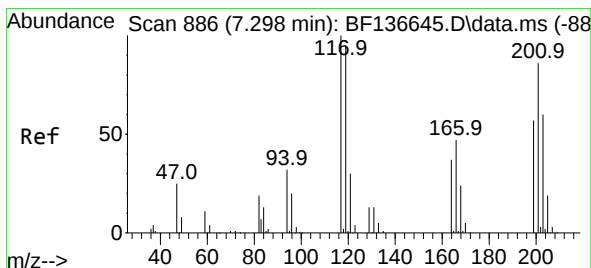
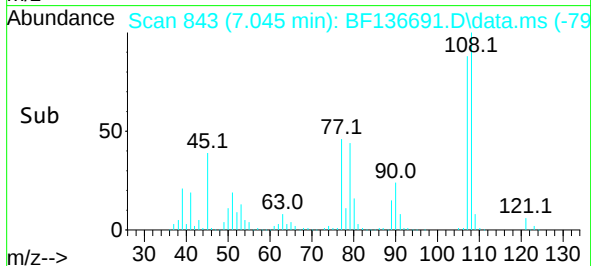
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Supervised By :mohammad ahmed 12/25/2023



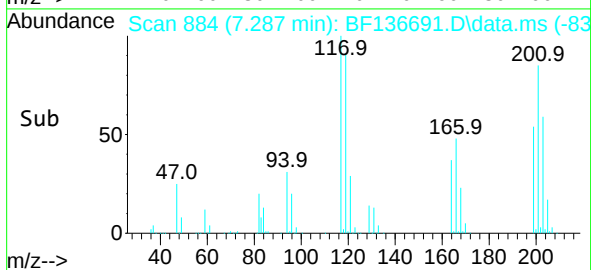
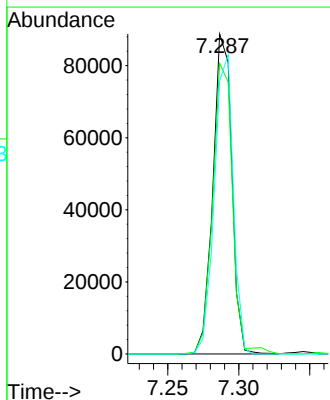
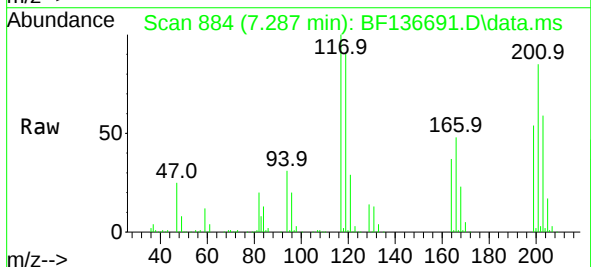
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#18
Hexachloroethane
Concen: 41.542 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:117 Resp: 81836
Ion Ratio Lower Upper
117 100
119 90.9 75.8 113.6
201 85.4 69.1 103.7





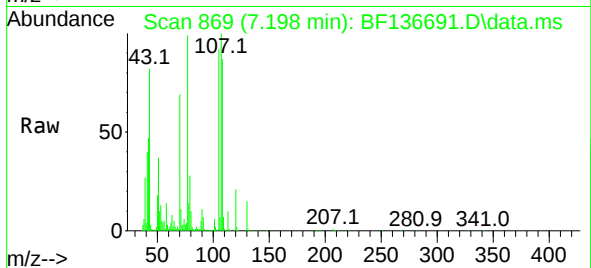
#19
n-Nitroso-di-n-propylamine
Concen: 41.961 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

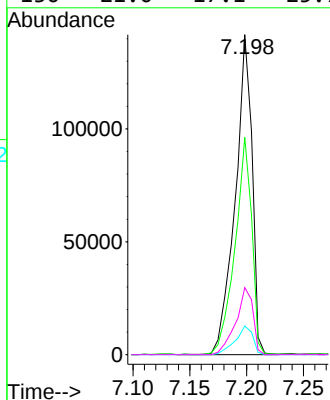
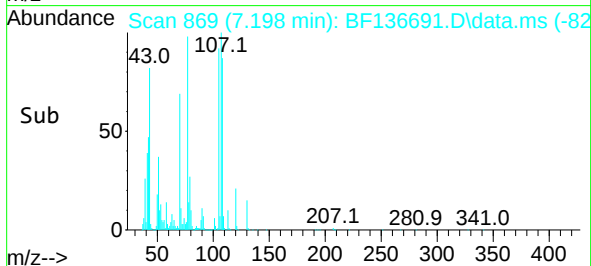
SOIL-COMP-2MS



Tgt Ion: 70 Resp: 146570
Ion Ratio Lower Upper
70 100
42 67.9 54.2 81.4
101 8.9 7.6 11.4
130 21.0 17.1 25.7

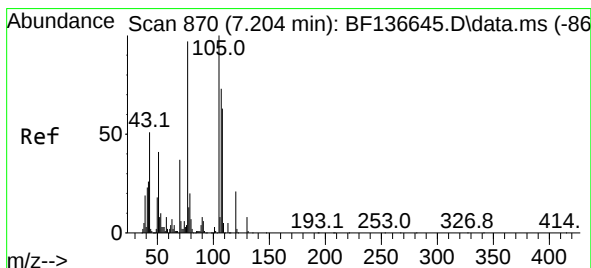
Manual Integrations
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Supervised By :mohammad ahmed 12/25/2023

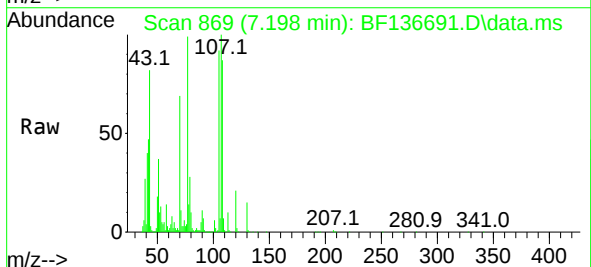


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Supervised By :mohammad
ahmed

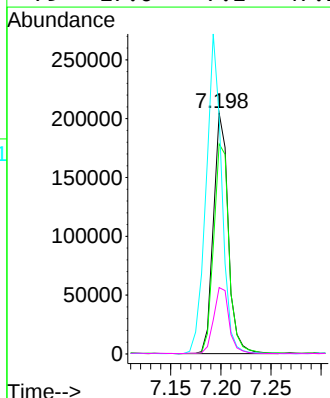
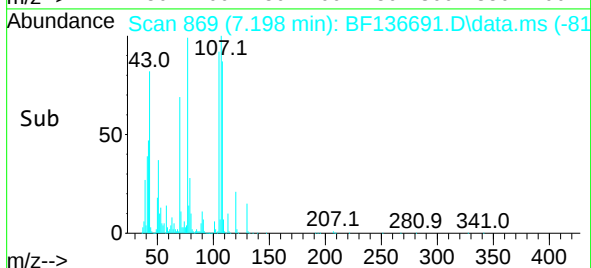
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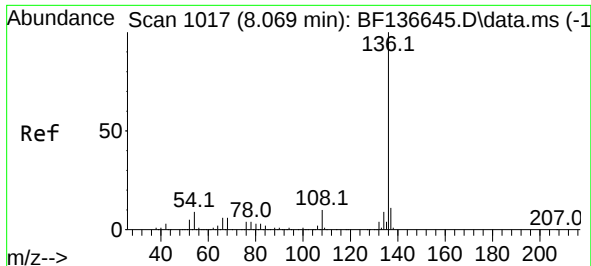


#20
3+4-Methylphenols
Concen: 41.627 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09



Tgt Ion:107 Resp: 209661
Ion Ratio Lower Upper
107 100
108 87.3 66.0 106.0
77 98.7 114.2 154.2#
79 27.6 7.2 47.2





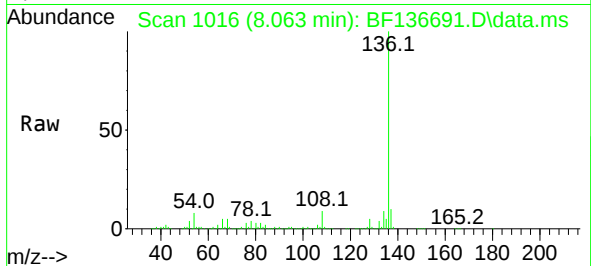
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

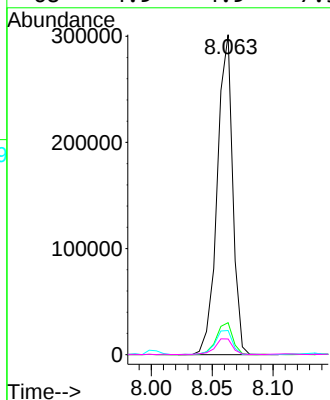
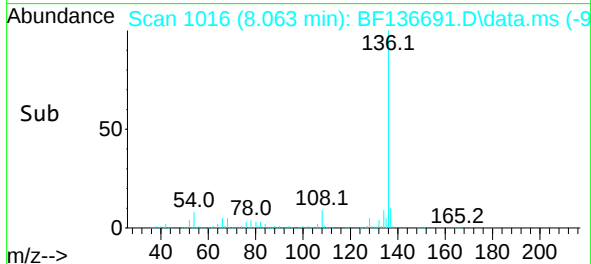


Tgt Ion:136 Resp: 265990
Ion Ratio Lower Upper
136 100
137 10.0 9.0 13.4
54 7.5 7.2 10.8
68 4.9 4.9 7.3

Manual Integrations

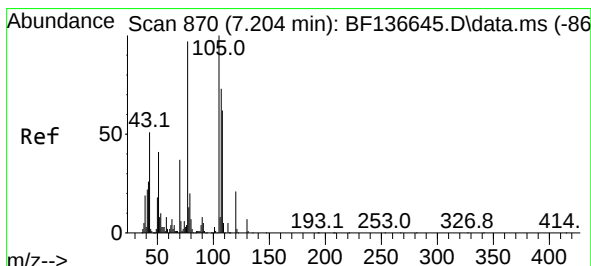
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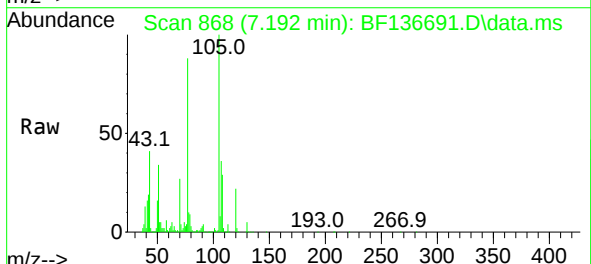


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Supervised By :mohammad
ahmed

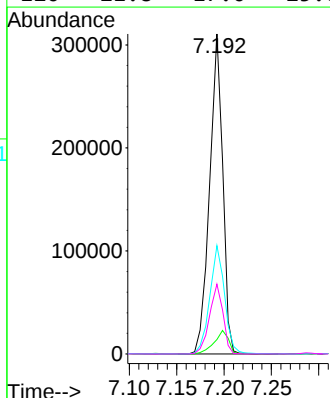
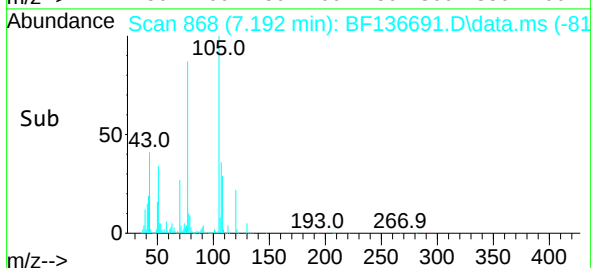
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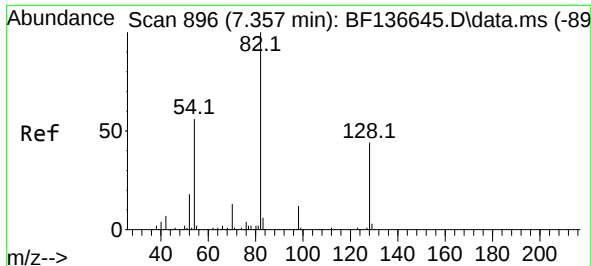


#22
Acetophenone
Concen: 44.781 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09



Tgt Ion:105 Resp: 298565
Ion Ratio Lower Upper
105 100
71 4.5 4.8 7.2#
51 33.8 32.8 49.2
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 69.490 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

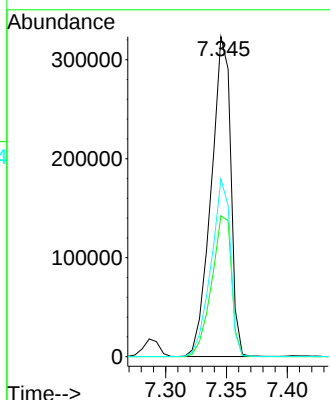
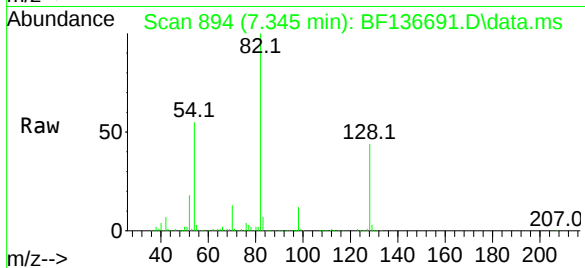
Tgt Ion:	82	Resp:	36122
Ion Ratio	Lower	Upper	
82	100		
128	44.1	35.3	52.9
54	55.5	44.5	66.7

Manual Integrations

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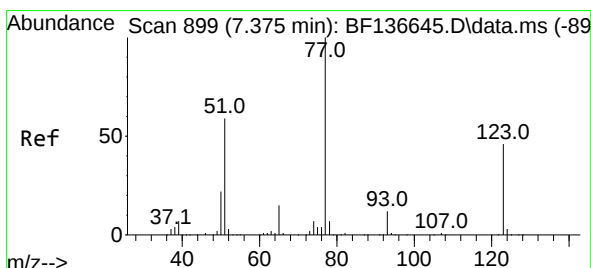
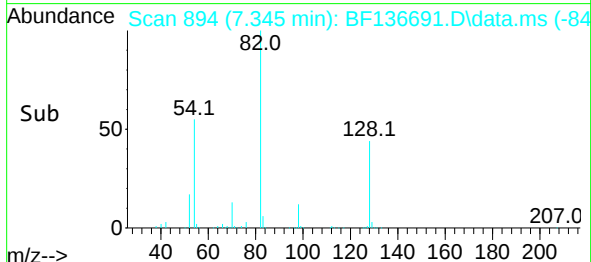
Reviewed By :Yogesh Patel 12/25/2023

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#24

Nitrobenzene

Concen: 41.907 ng

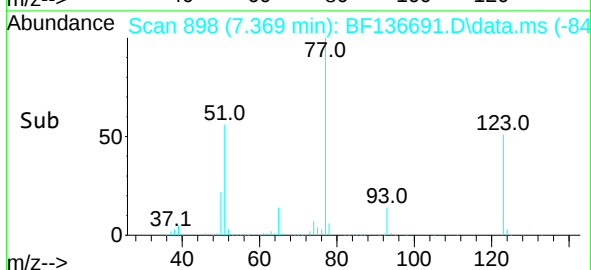
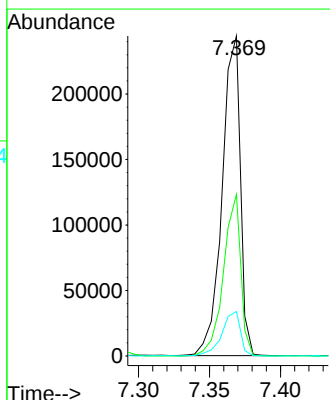
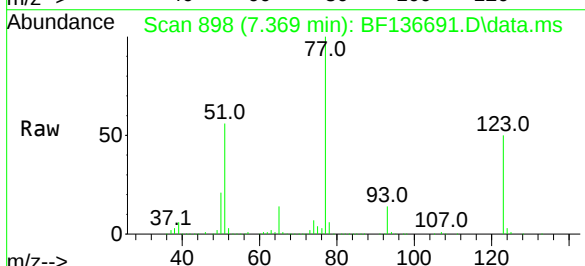
RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Tgt Ion:	77	Resp:	218218
Ion Ratio	Lower	Upper	
77	100		
123	50.5	36.7	55.1
65	13.9	11.8	17.6





#25
Isophorone
Concen: 42.326 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

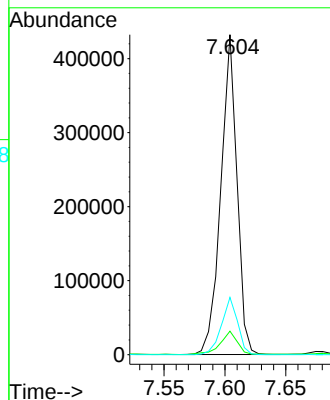
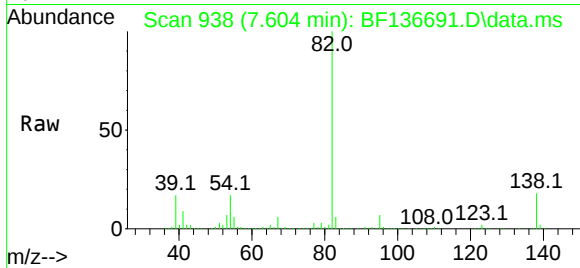
ClientSampleId :

SOIL-COMP-2MS

Tgt Ion: 82 Resp: 40034
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 17.9 14.5 21.7

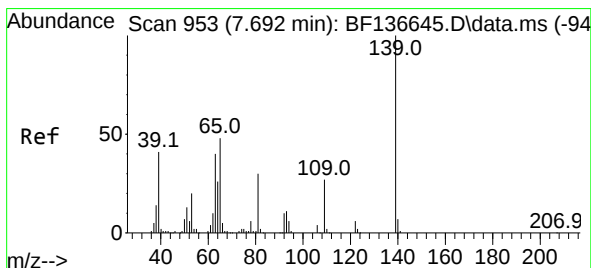
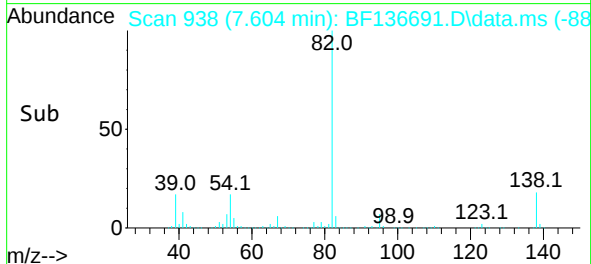
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Supervised By :mohammad ahmed 12/25/2023



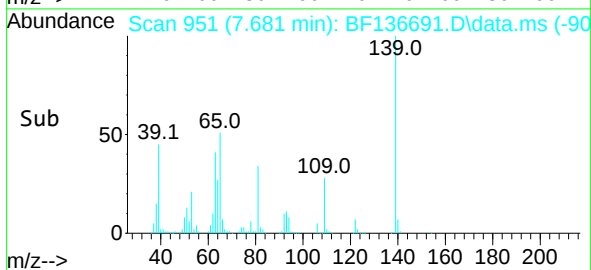
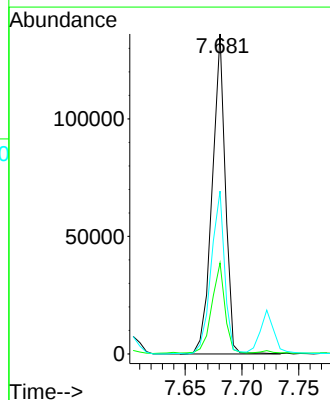
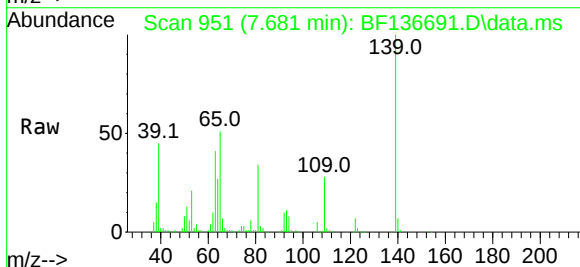
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Supervised By :mohammad
ahmed

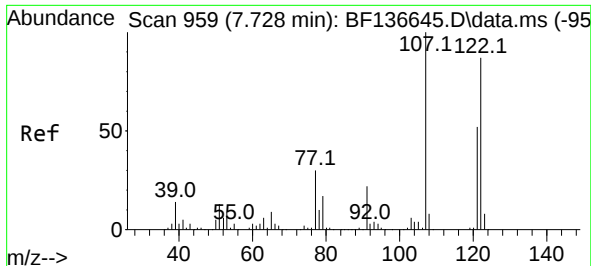
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#26
2-Nitrophenol
Concen: 43.991 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:139 Resp: 109596
Ion Ratio Lower Upper
139 100
109 28.5 21.9 32.9
65 50.9 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 51.260 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

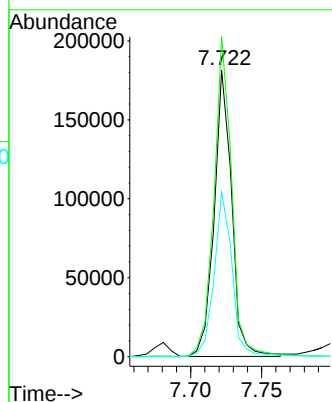
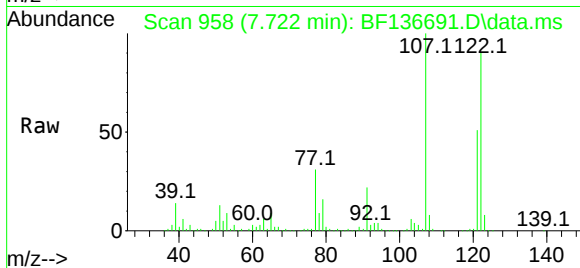
ClientSampleId :

SOIL-COMP-2MS

Tgt Ion:122 Resp: 15547
Ion Ratio Lower Upper
122 100
107 111.7 92.0 138.0
121 57.5 47.5 71.3

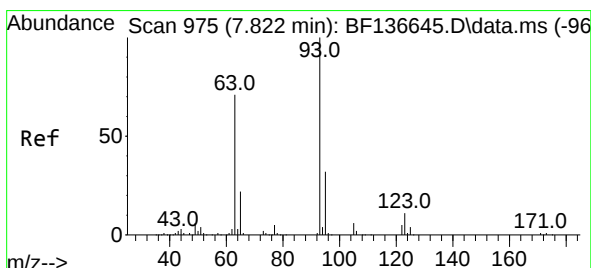
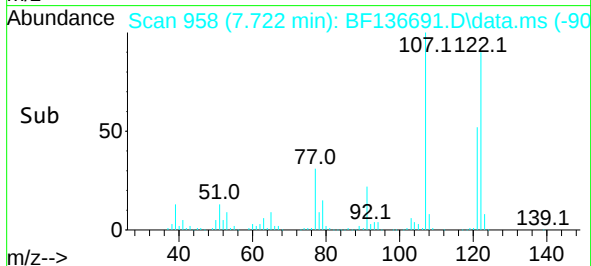
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Supervised By :mohammad ahmed 12/25/2023



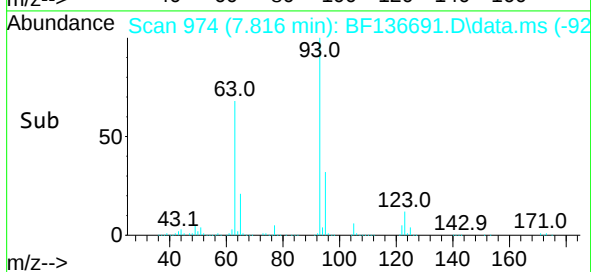
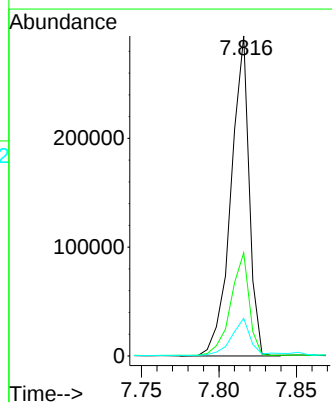
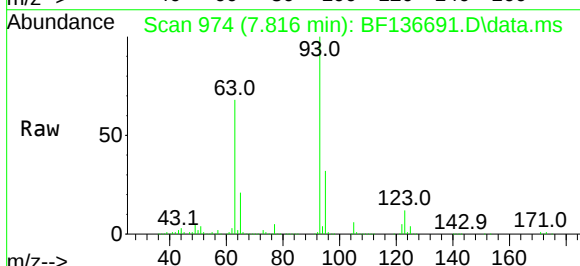
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ahmed

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#28
bis(2-Chloroethoxy)methane
Concen: 41.849 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion: 93 Resp: 240608
Ion Ratio Lower Upper
93 100
95 32.2 25.5 38.3
123 11.8 9.2 13.8





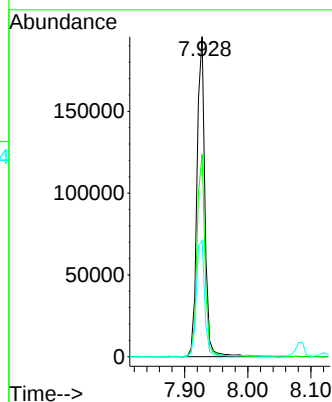
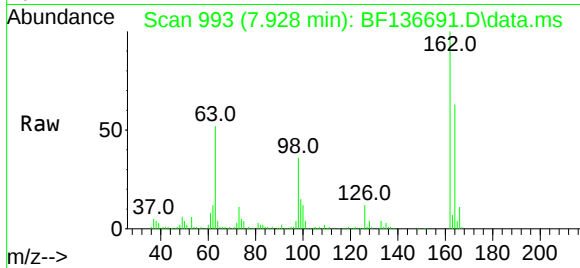
#29
2,4-Dichlorophenol
Concen: 43.485 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion:162 Resp: 16980
Ion Ratio Lower Upper
162 100
164 63.2 41.7 81.7
98 36.3 19.5 59.5

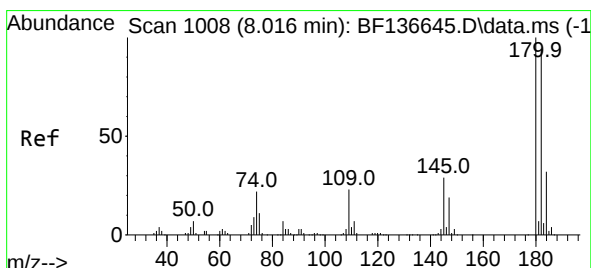
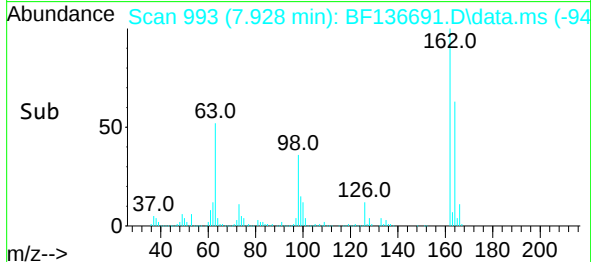
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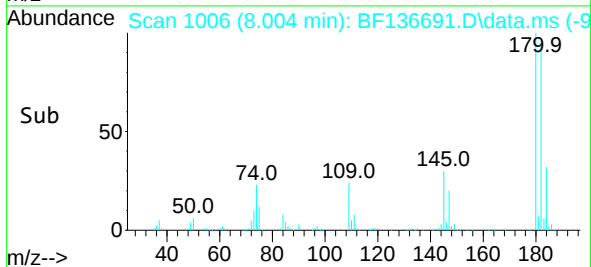
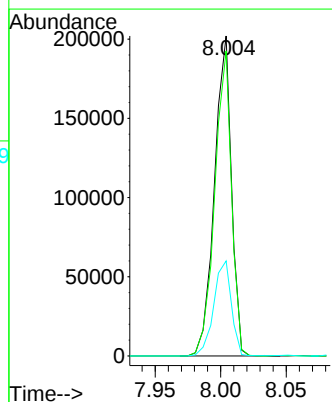
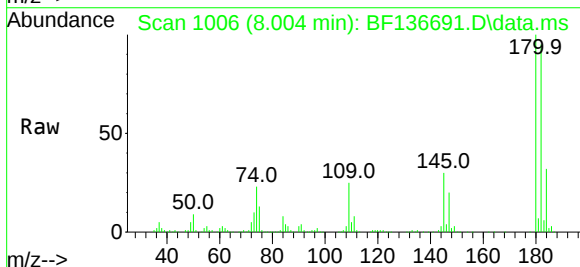
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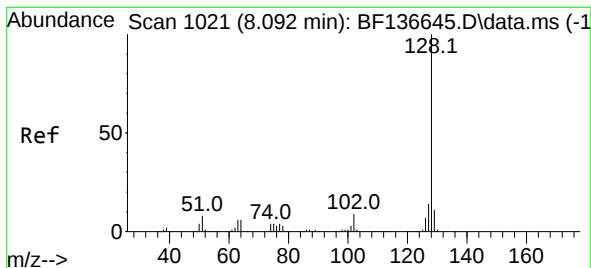
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#30
1,2,4-Trichlorobenzene
Concen: 41.734 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:180 Resp: 181575
Ion Ratio Lower Upper
180 100
182 95.3 75.4 113.0
145 29.7 23.1 34.7





#31

Naphthalene

Concen: 41.577 ng

RT: 8.087 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

Tgt Ion:128 Resp: 60756

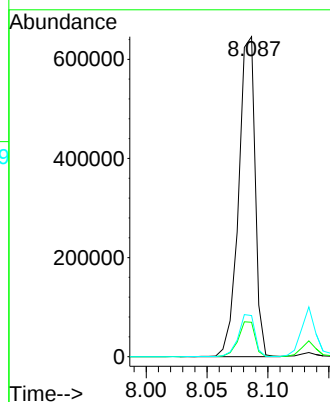
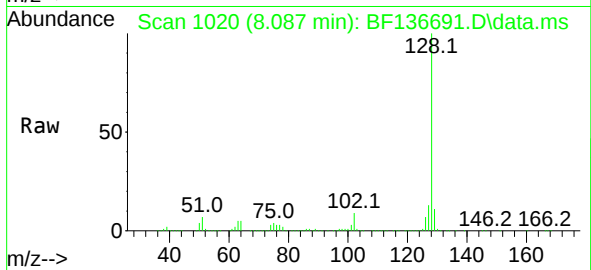
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	12.8	10.8	16.2

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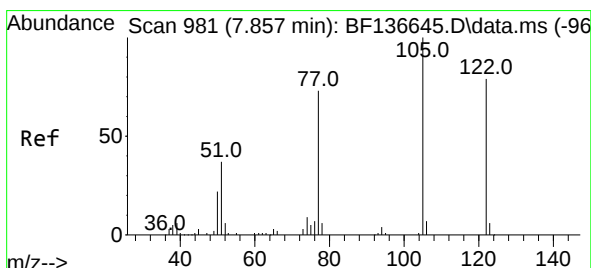
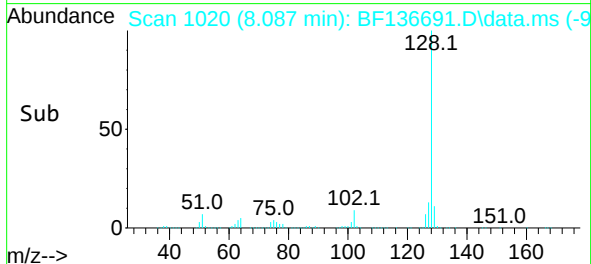
Supervised By :mohammad ahmed 12/25/2023



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ahmed

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#32

Benzoic acid

Concen: 30.974 ng

RT: 7.851 min Scan# 980

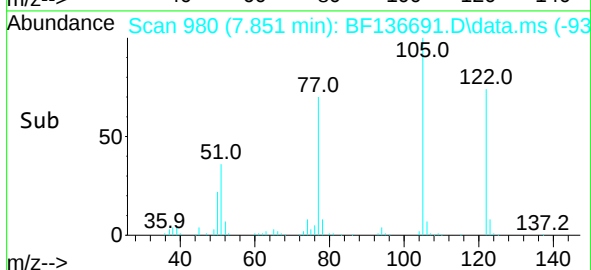
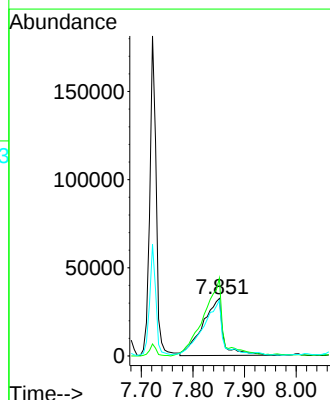
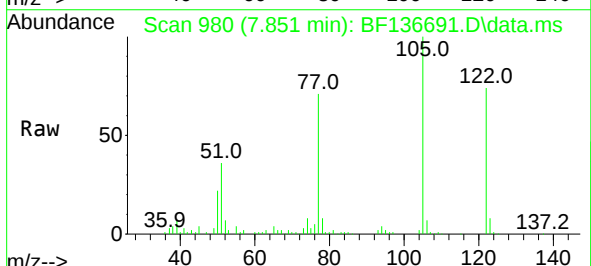
Delta R.T. -0.006 min

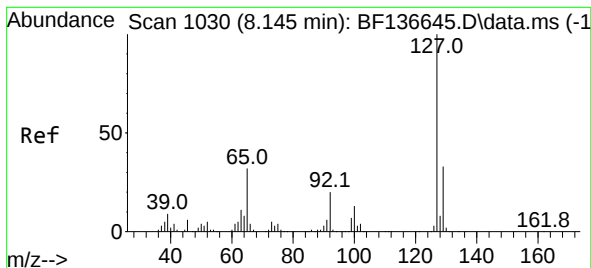
Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Tgt Ion:122 Resp: 90899

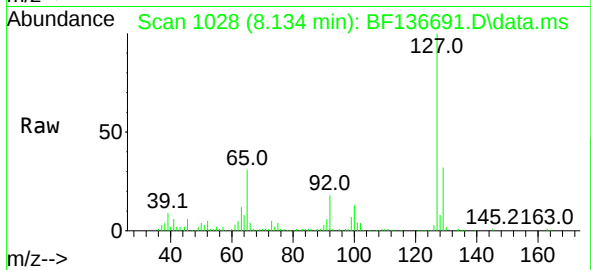
Ion	Ratio	Lower	Upper
122	100		
105	135.5	100.8	140.8
77	96.8	70.9	110.9





#33
4-Chloroaniline
Concen: 16.371 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

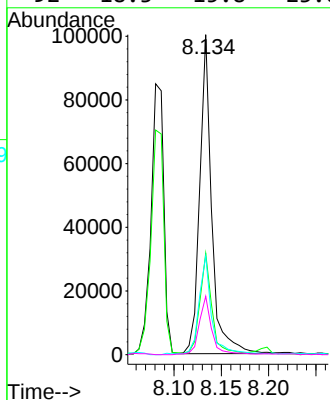
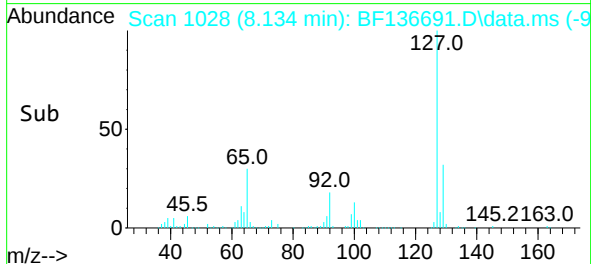
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS



Tgt Ion:127 Resp: 8833
Ion Ratio Lower Upper
127 100
129 31.7 26.3 39.5
65 30.8 25.8 38.8
92 18.3 15.8 23.6

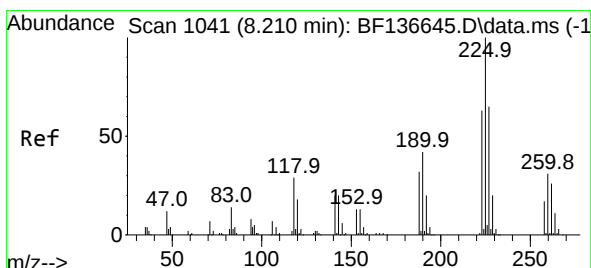
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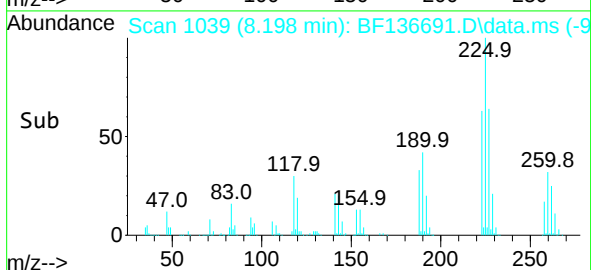
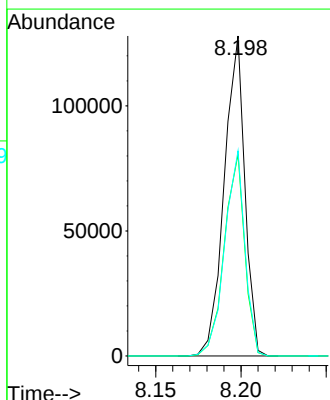
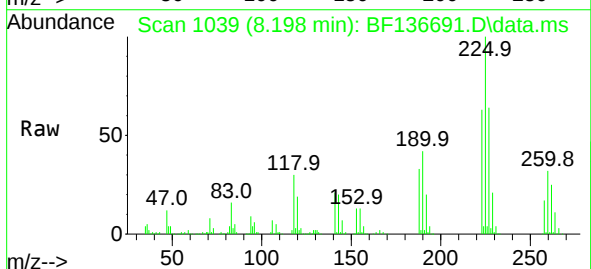
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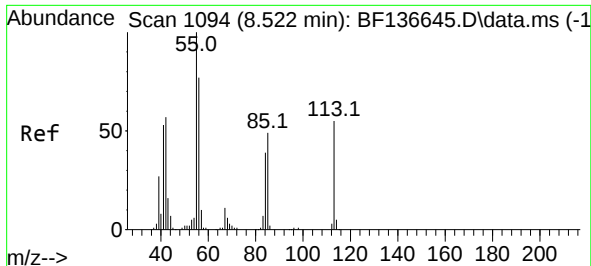
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#34
Hexachlorobutadiene
Concen: 40.614 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:225 Resp: 107357
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 64.1 51.9 77.9





#35
Caprolactam
Concen: 45.010 ng m
RT: 8.510 min Scan# 1094
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

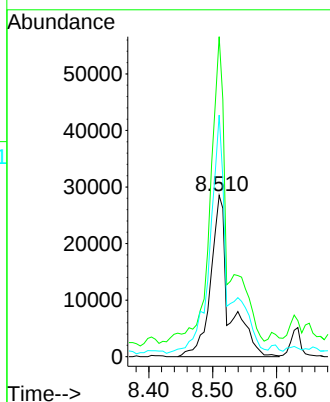
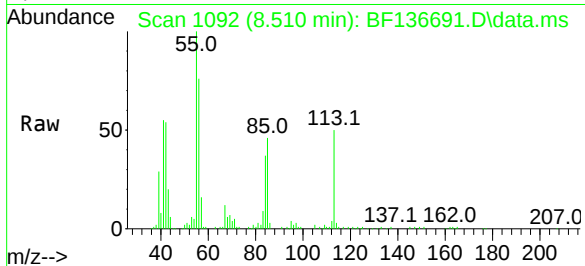
ClientSampleId :

SOIL-COMP-2MS

Tgt Ion:113 Resp: 5798
Ion Ratio Lower Upper
113 100
55 198.5 163.1 203.1
56 149.9 121.7 161.7

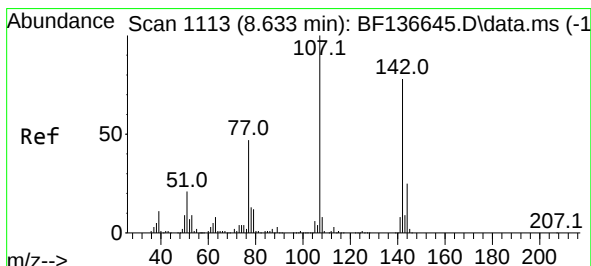
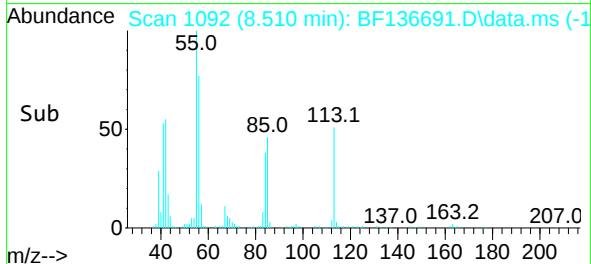
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Supervised By :mohammad ahmed 12/25/2023



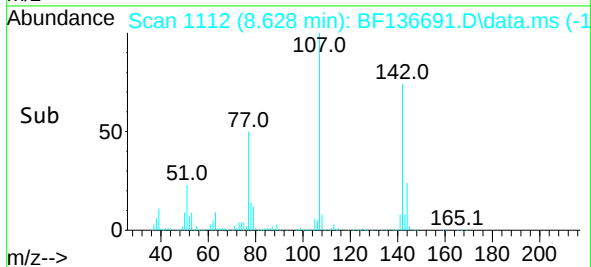
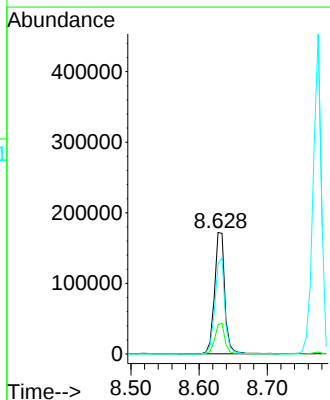
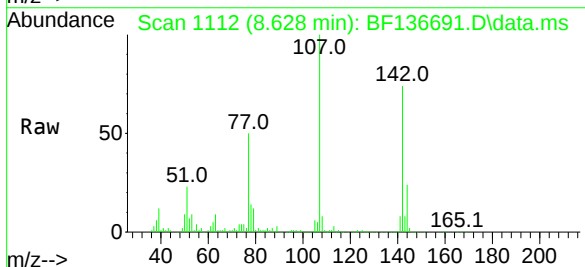
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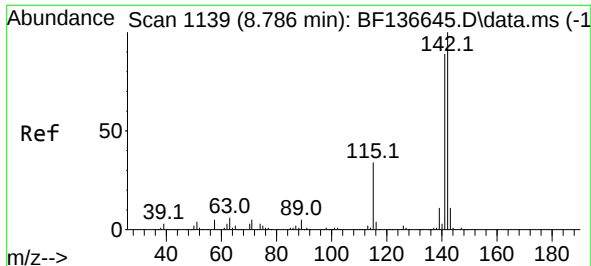
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#36
4-Chloro-3-methylphenol
Concen: 41.188 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:107 Resp: 181060
Ion Ratio Lower Upper
107 100
144 24.1 20.2 30.2
142 74.4 62.3 93.5





#37

2-Methylnaphthalene

Concen: 40.198 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

Tgt Ion:142 Resp: 37804

Ion Ratio Lower Upper

142 100

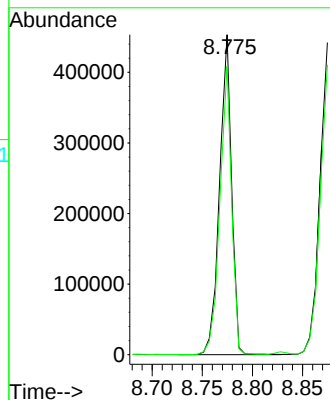
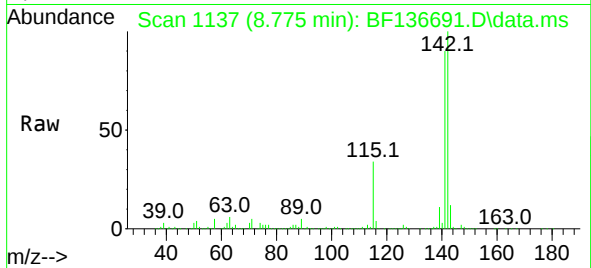
141 90.2 71.1 106.7

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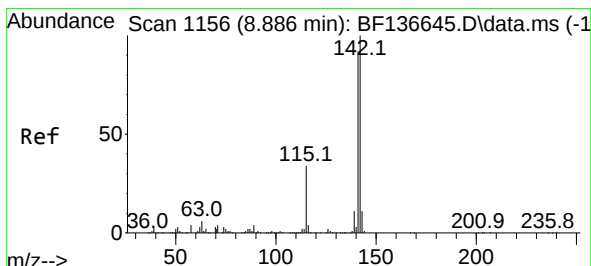
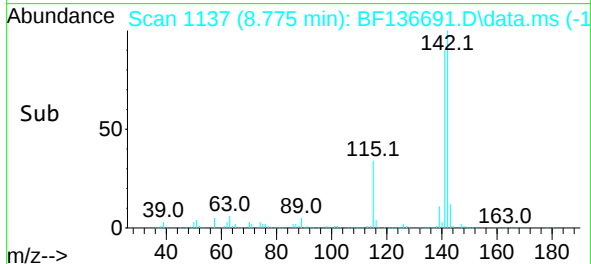
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#38

1-Methylnaphthalene

Concen: 39.816 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136691.D

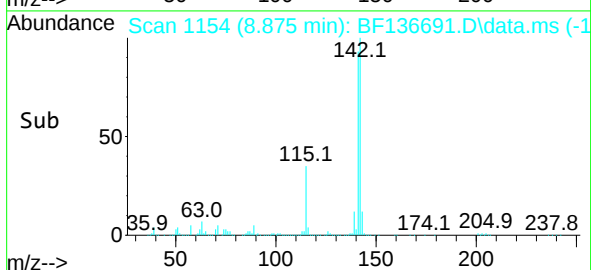
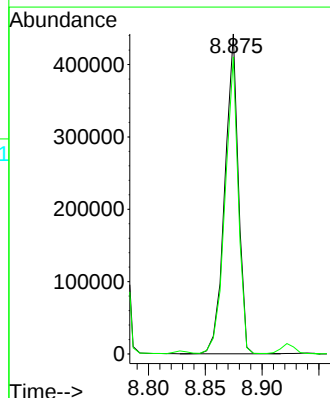
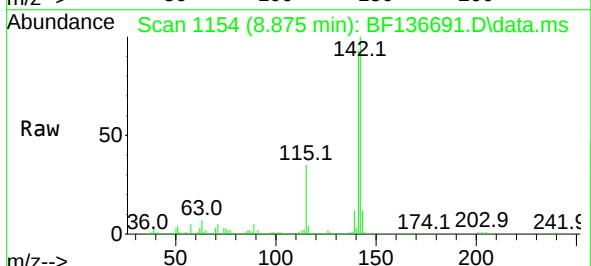
Acq: 22 Dec 2023 18:09

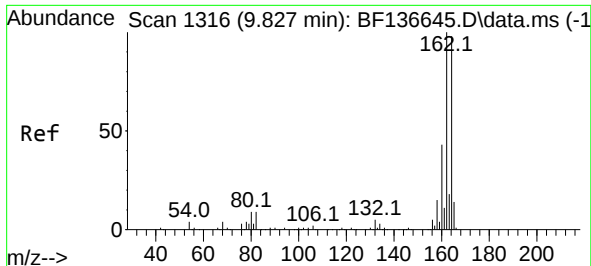
Tgt Ion:142 Resp: 367371

Ion Ratio Lower Upper

142 100

141 92.9 73.6 110.4





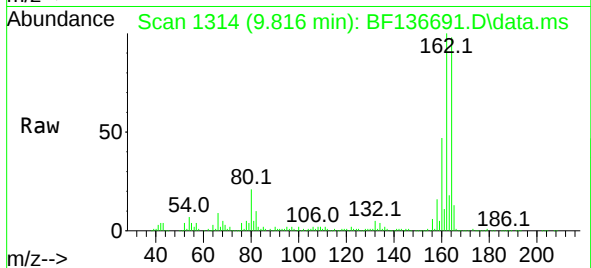
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

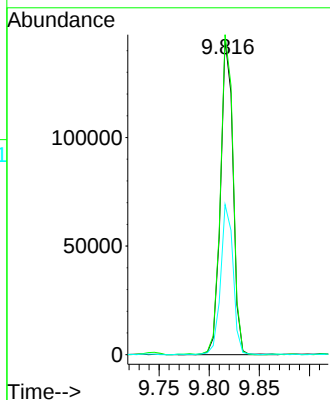
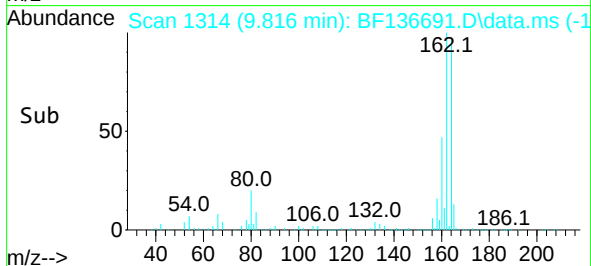
SOIL-COMP-2MS



Tgt Ion:164 Resp: 12521
Ion Ratio Lower Upper
164 100
162 101.6 81.6 122.4
160 47.7 34.9 52.3

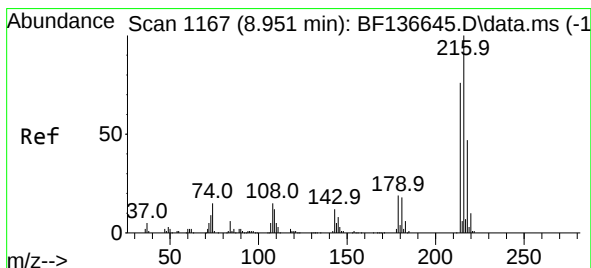
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Supervised By :mohammad ahmed 12/25/2023

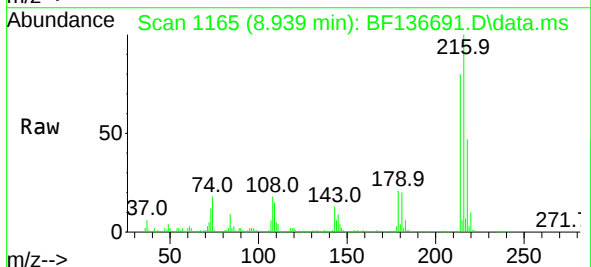


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Supervised By :mohammad
ahmed

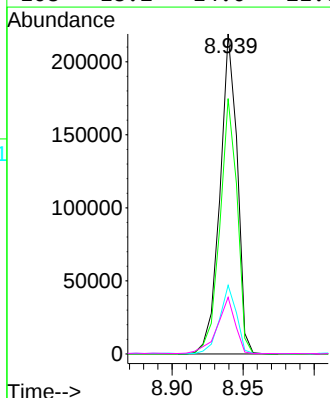
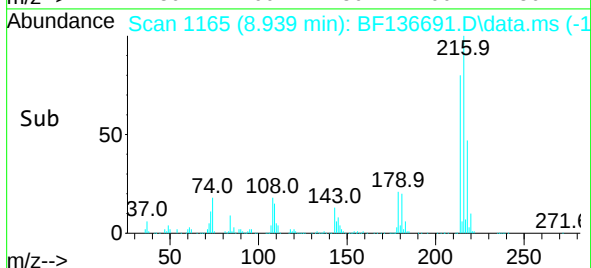
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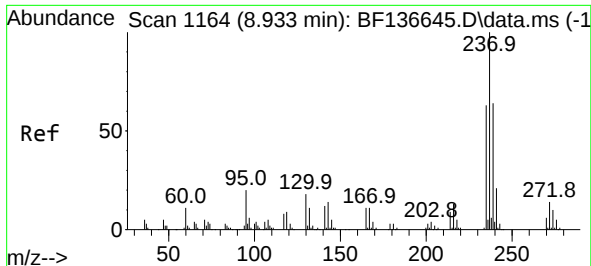


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.737 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09



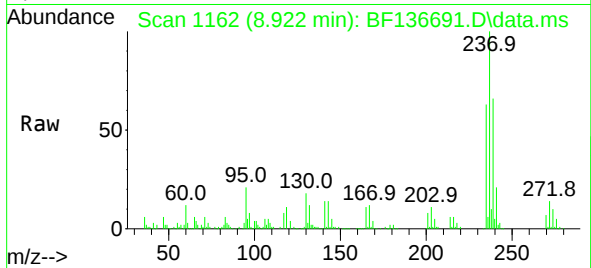
Tgt Ion:216 Resp: 185112
Ion Ratio Lower Upper
216 100
214 79.4 62.3 93.5
179 21.0 16.4 24.6
108 18.2 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 75.967 ng
RT: 8.922 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

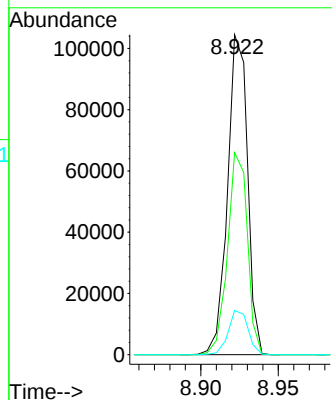
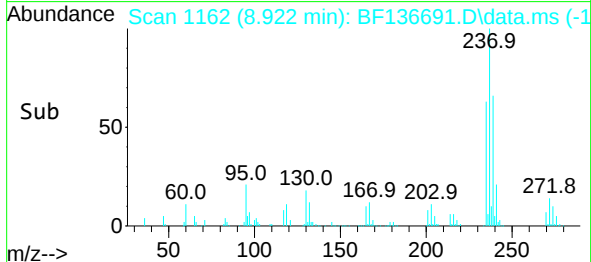
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS



Tgt Ion:237 Resp: 93598
Ion Ratio Lower Upper
237 100
235 63.2 43.2 83.2
272 13.8 0.0 34.2

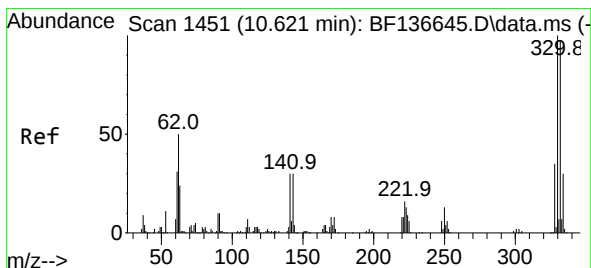
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Supervised By :mohammad ahmed 12/25/2023

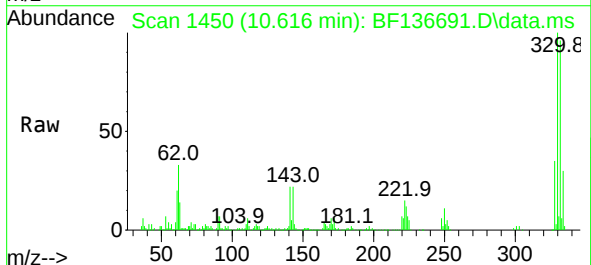


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ahmed

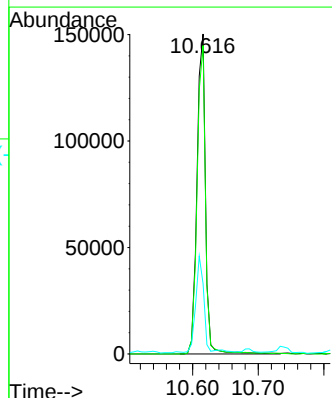
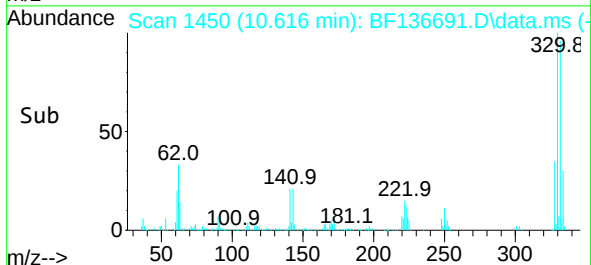
12/25/2023



#42
2,4,6-Tribromophenol
Concen: 91.964 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09



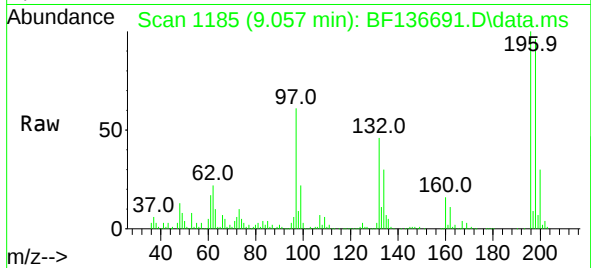
Tgt Ion:330 Resp: 135614
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 28.7 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 45.604 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

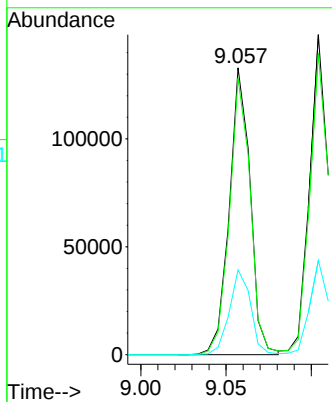
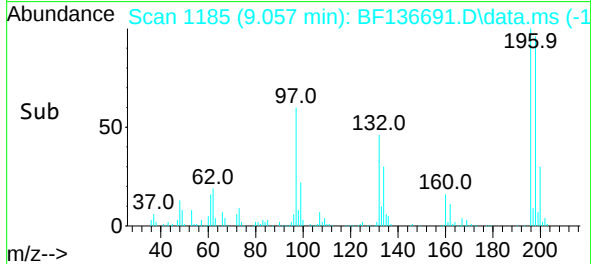
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS



Tgt Ion:196 Resp: 113410
Ion Ratio Lower Upper
196 100
198 96.4 75.1 112.7
200 29.6 22.5 33.7

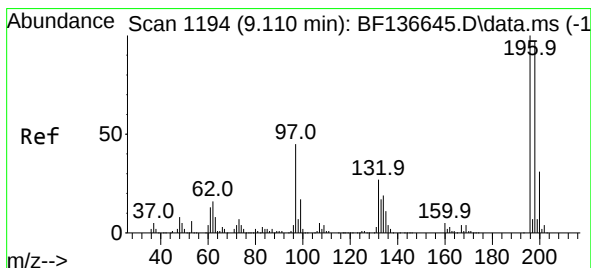
Manual Integrations
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Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

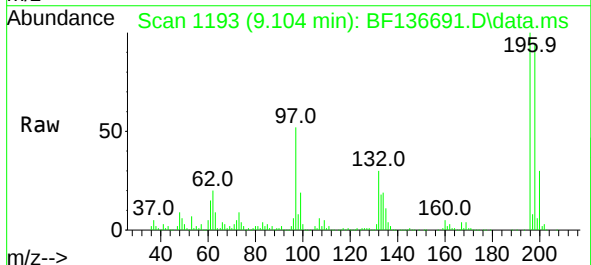


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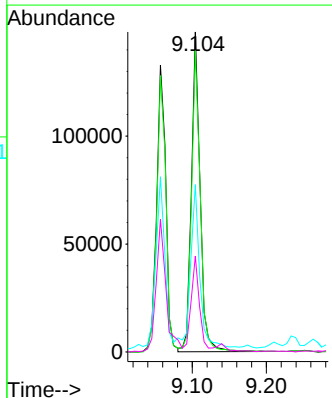
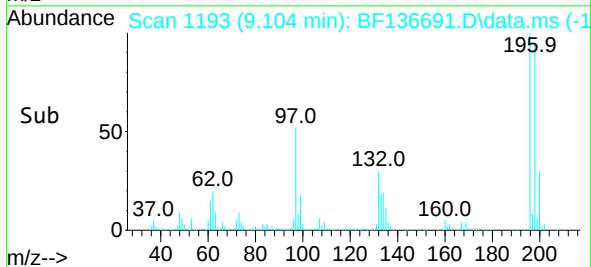
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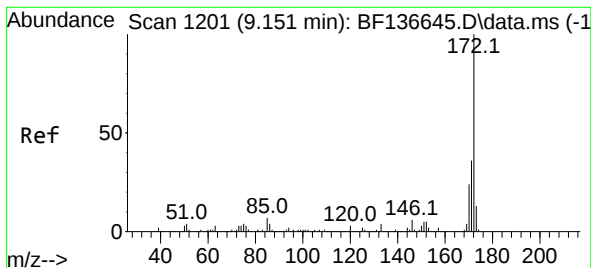


#44
2,4,5-Trichlorophenol
Concen: 43.864 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09



Tgt Ion:196 Resp: 121557
Ion Ratio Lower Upper
196 100
198 94.1 77.0 115.6
97 52.3 36.1 54.1
132 30.0 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 70.831 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

Tgt Ion:172 Resp: 65940

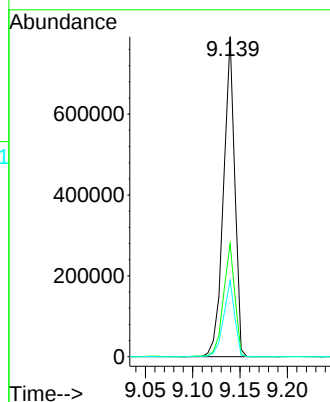
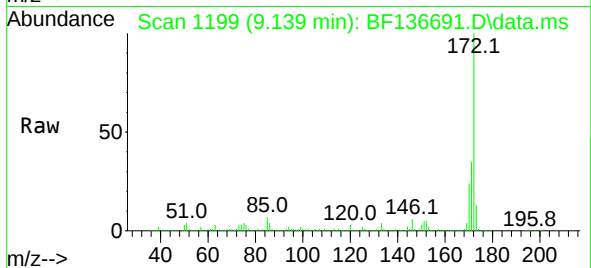
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	23.8	19.0	28.4

Manual Integrations

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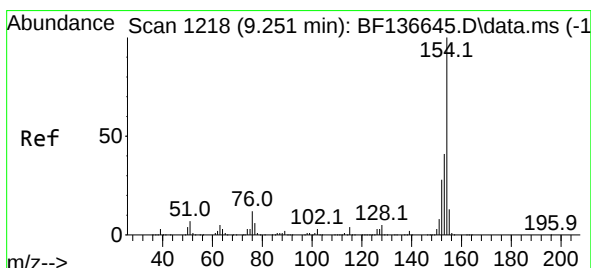
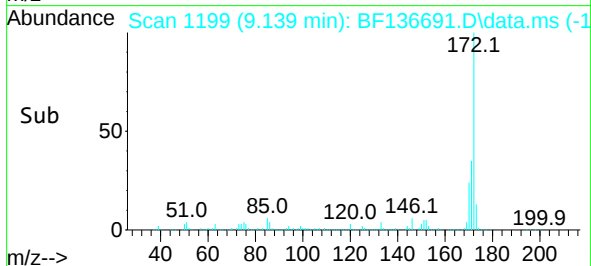
Reviewed By :Yogesh Patel 12/25/2023

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ahmed

12/25/2023



#46

1,1'-Biphenyl

Concen: 46.108 ng

RT: 9.239 min Scan# 1216

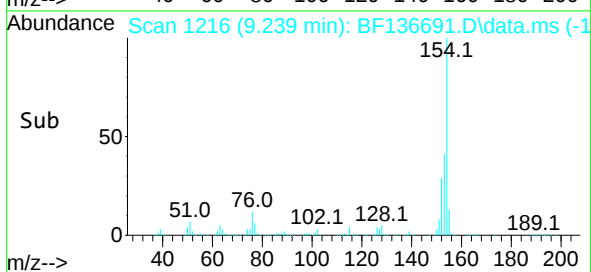
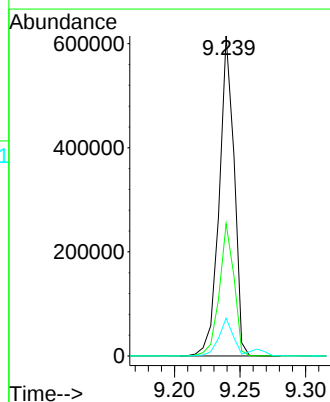
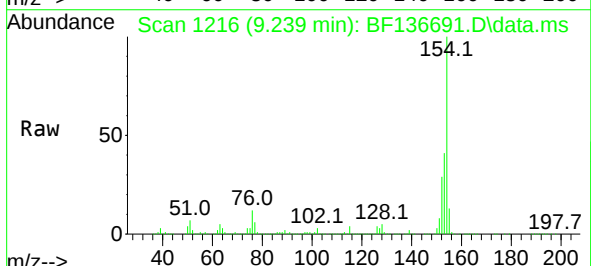
Delta R.T. -0.012 min

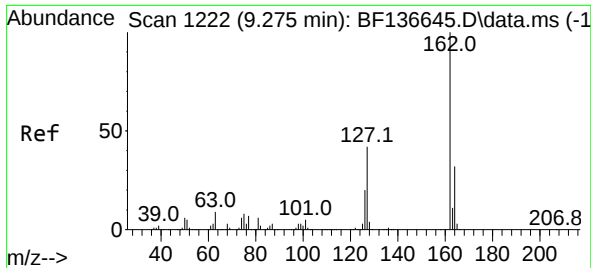
Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Tgt Ion:154 Resp: 484465

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.1	61.1
76	11.8	0.0	31.7





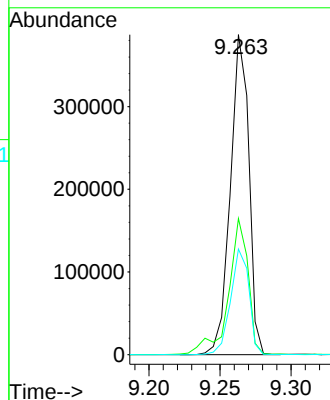
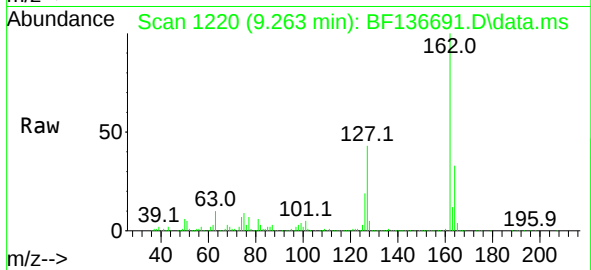
#47
2-Chloronaphthalene
Concen: 43.820 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion:162 Resp: 35001
Ion Ratio Lower Upper
162 100
127 42.5 33.6 50.4
164 33.0 25.7 38.5

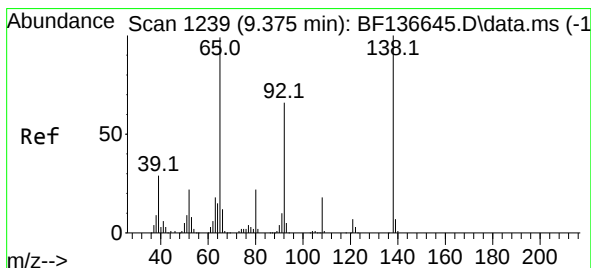
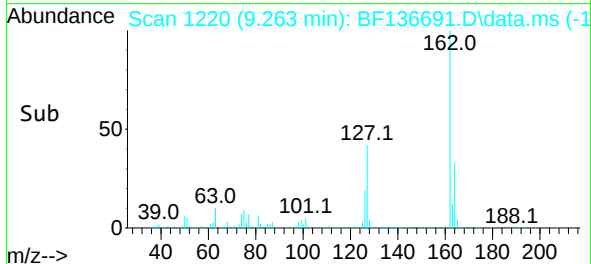
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Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



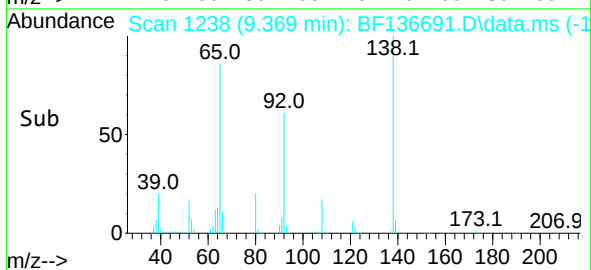
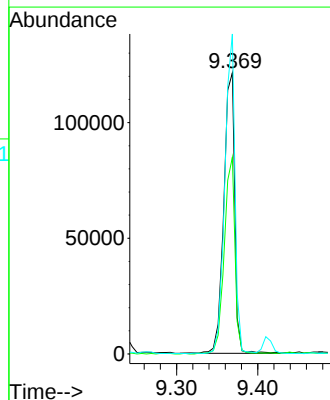
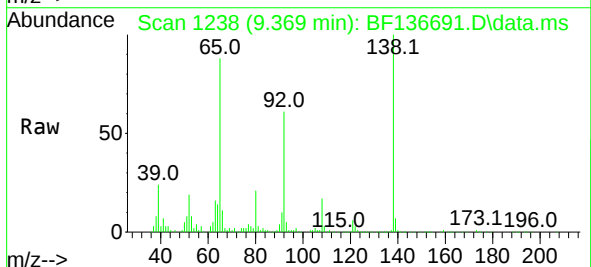
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Supervised By :mohammad
ahmed

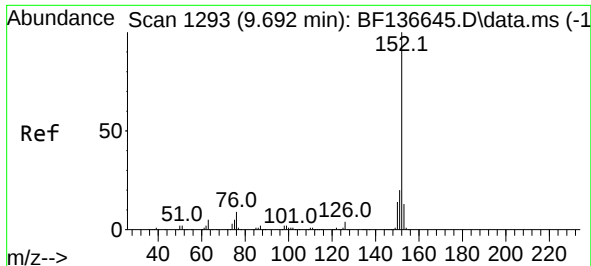
12/25/2023



#48
2-Nitroaniline
Concen: 45.813 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion: 65 Resp: 114594
Ion Ratio Lower Upper
65 100
92 69.9 53.2 79.8
138 113.9 81.1 121.7





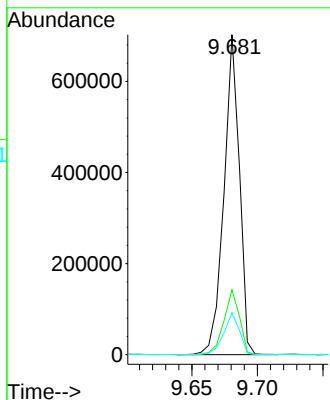
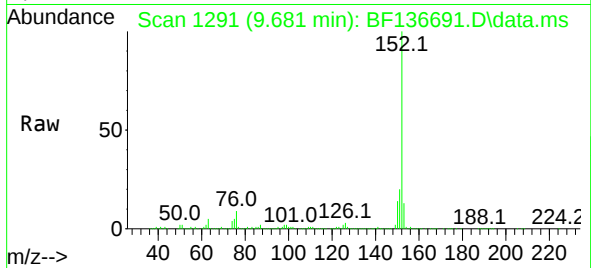
#49
Acenaphthylene
Concen: 47.012 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion:152 Resp: 57397
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.2 10.2 15.2

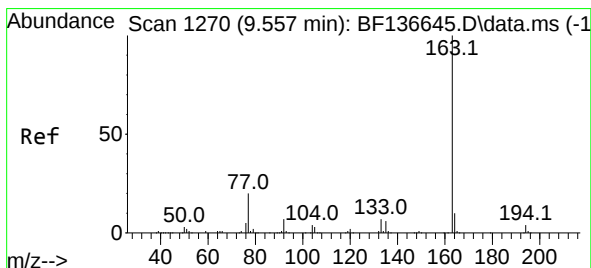
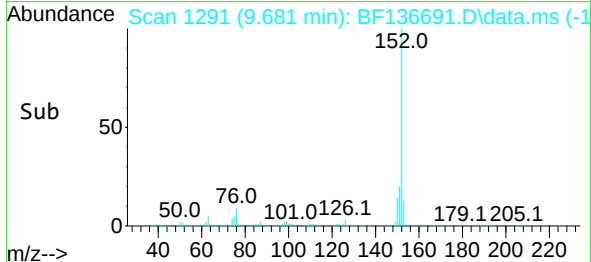
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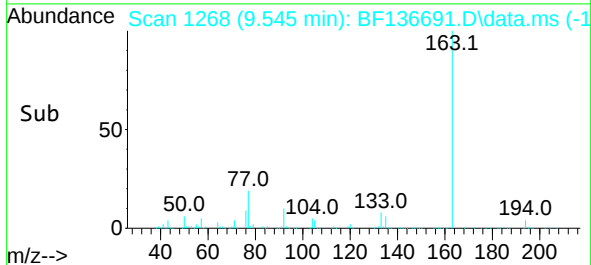
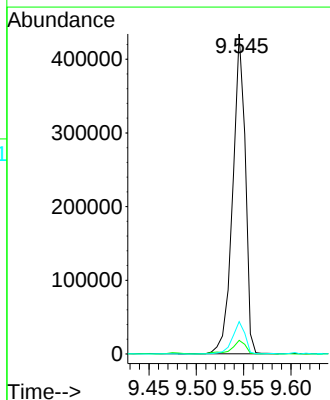
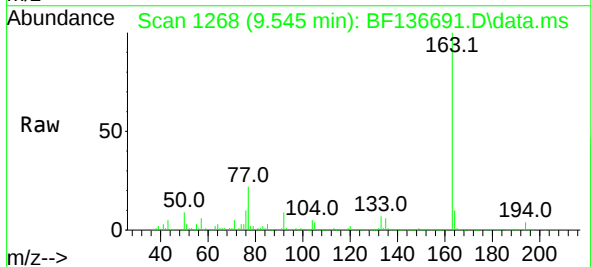
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Supervised By :mohammad
ahmed

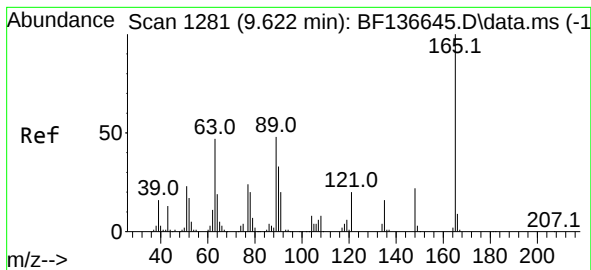
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#50
Dimethylphthalate
Concen: 43.654 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:163 Resp: 399249
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 7.8 11.6





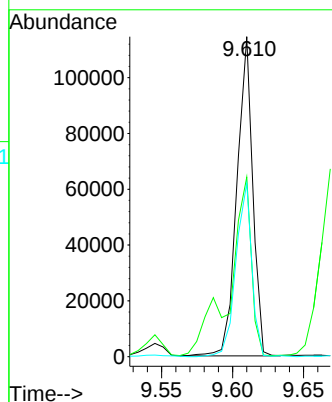
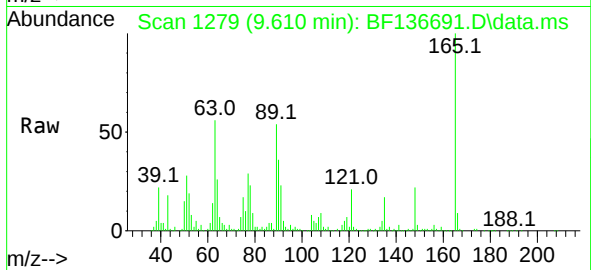
#51
2,6-Dinitrotoluene
Concen: 42.828 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion:165 Resp: 88890
Ion Ratio Lower Upper
165 100
63 56.1 39.8 59.6
89 54.2 38.8 58.2

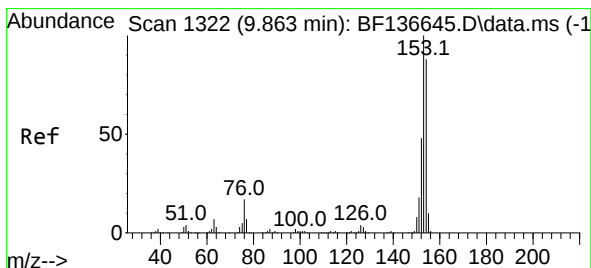
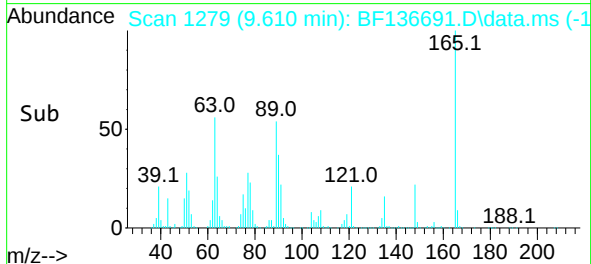
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Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



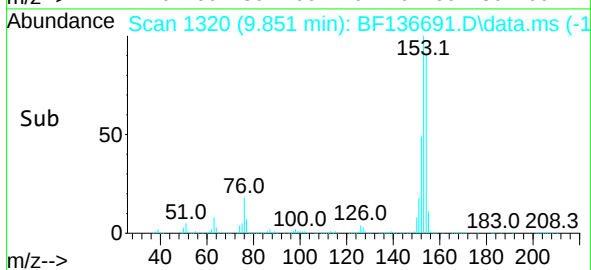
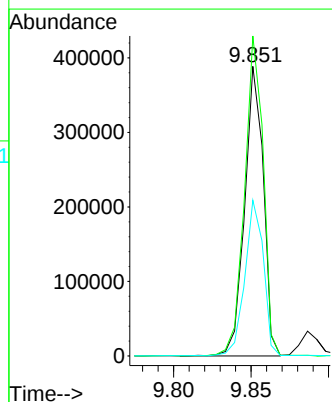
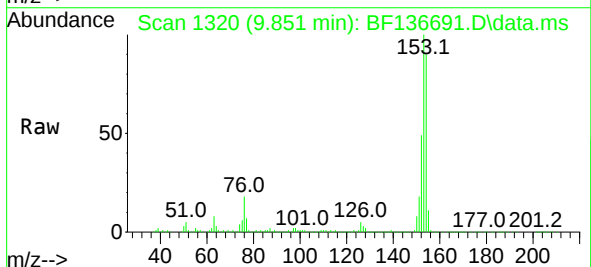
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ahmed

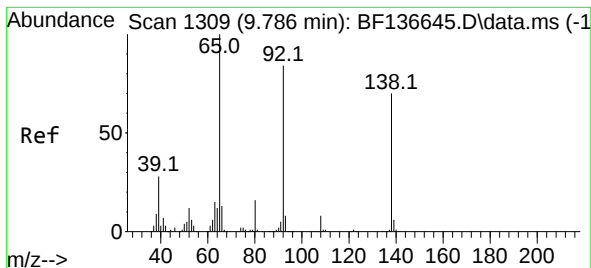
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#52
Acenaphthene
Concen: 42.864 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:154 Resp: 324401
Ion Ratio Lower Upper
154 100
153 110.5 90.7 136.1
152 53.7 43.7 65.5





#53
3-Nitroaniline
Concen: 31.171 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

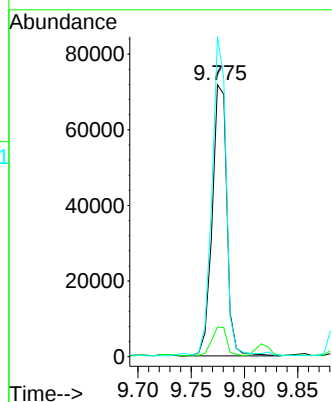
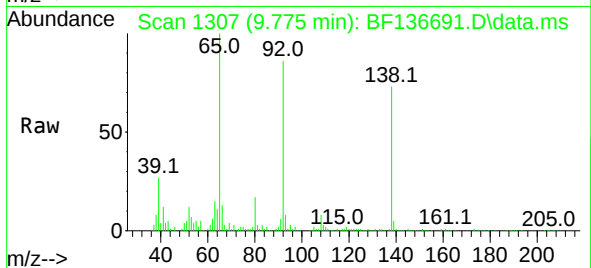
SOIL-COMP-2MS

Tgt Ion:138 Resp: 68538
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 117.7 95.2 142.8

Manual Integrations

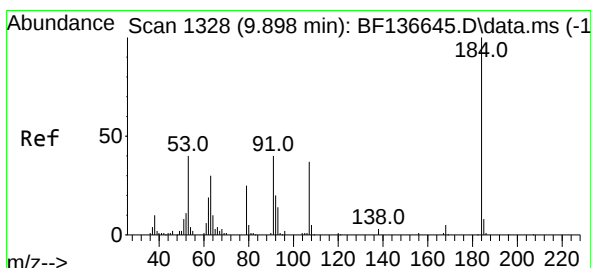
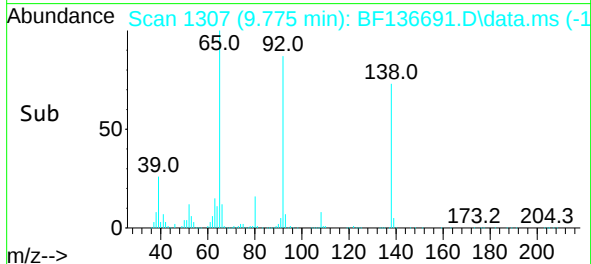
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Supervised By :mohammad ahmed 12/25/2023



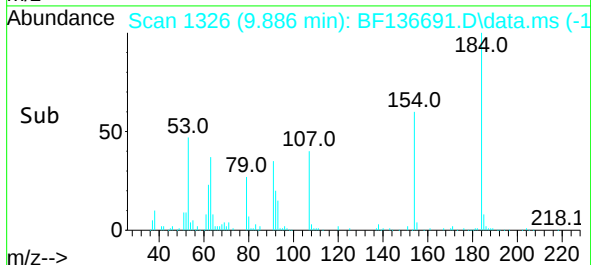
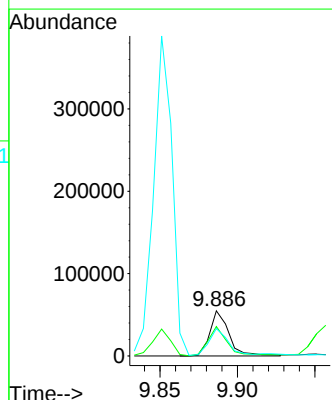
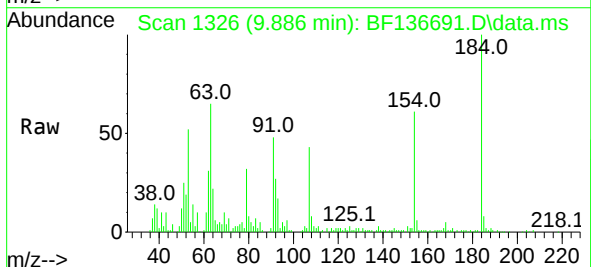
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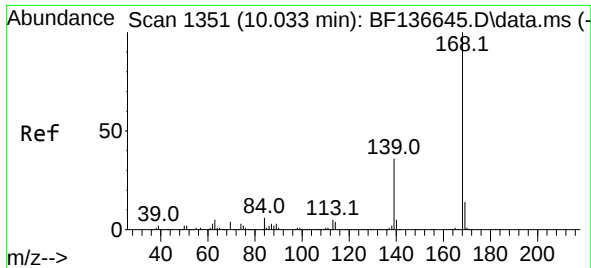
12/25/2023



#54
2,4-Dinitrophenol
Concen: 42.685 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:184 Resp: 47001
Ion Ratio Lower Upper
184 100
63 65.4 40.9 61.3#
154 60.9 42.7 64.1





#55
Dibenzenofuran
Concen: 42.844 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

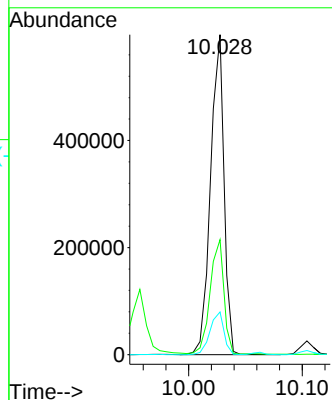
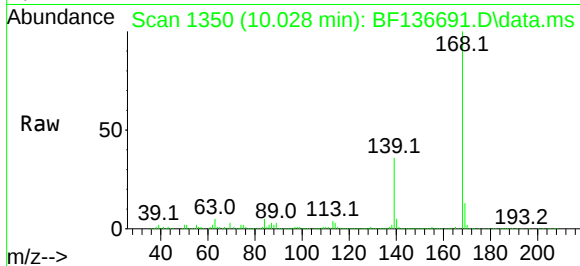
ClientSampleId :

SOIL-COMP-2MS

Tgt Ion:168 Resp: 49151
Ion Ratio Lower Upper
168 100
139 36.0 29.3 43.9
169 13.4 11.0 16.4

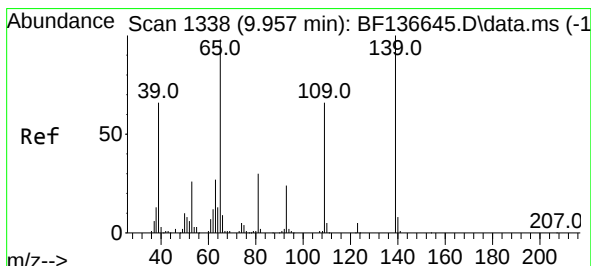
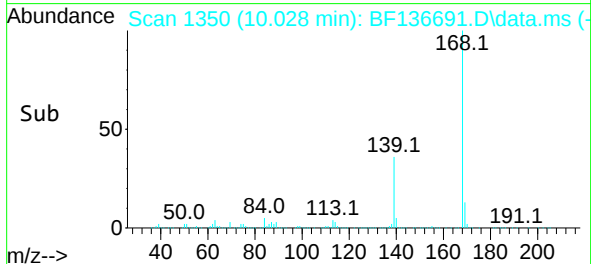
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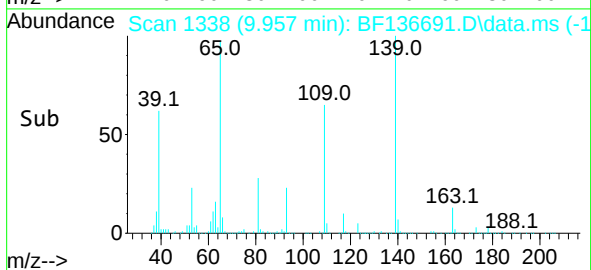
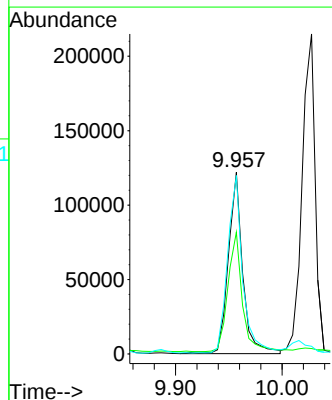
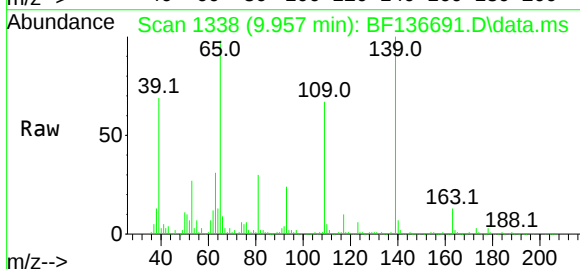
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ahmed

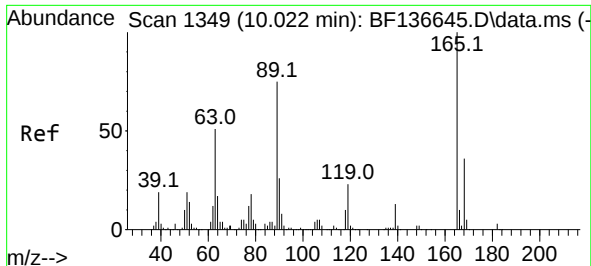
12/25/2023



#56
4-Nitrophenol
Concen: 77.099 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

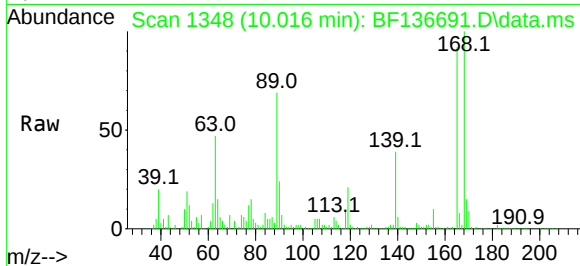
Tgt Ion:139 Resp: 114437
Ion Ratio Lower Upper
139 100
109 67.0 45.8 85.8
65 98.2 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 41.590 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

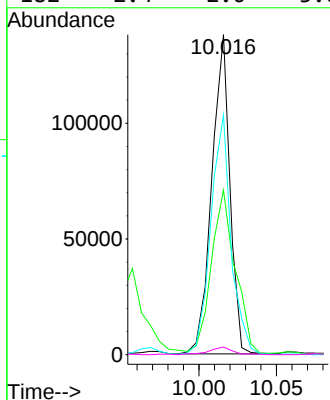
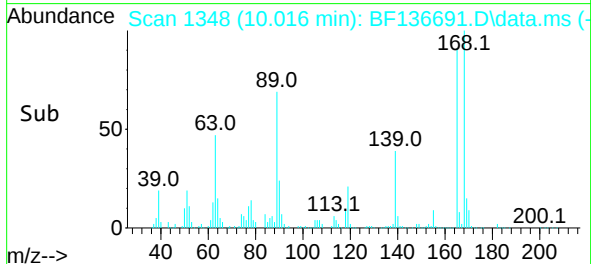
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS



Tgt Ion:165 Resp: 112060
Ion Ratio Lower Upper
165 100
63 51.4 41.0 61.6
89 74.9 59.9 89.9
182 2.4 2.0 3.0

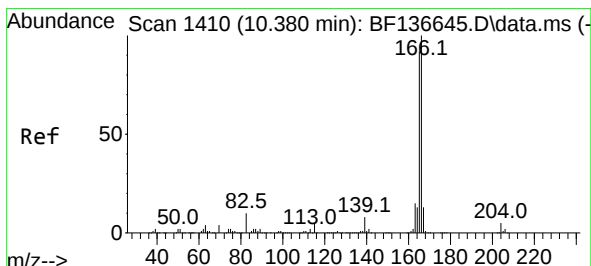
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Supervised By :mohammad ahmed 12/25/2023



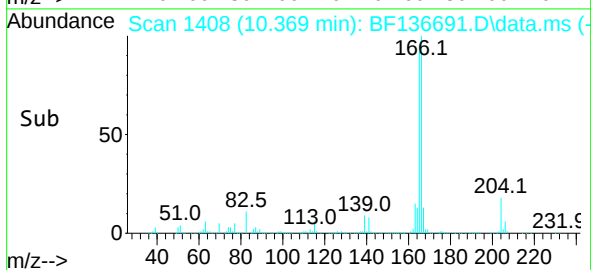
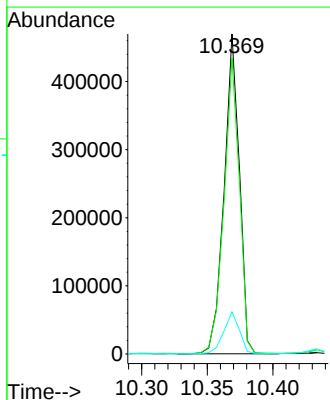
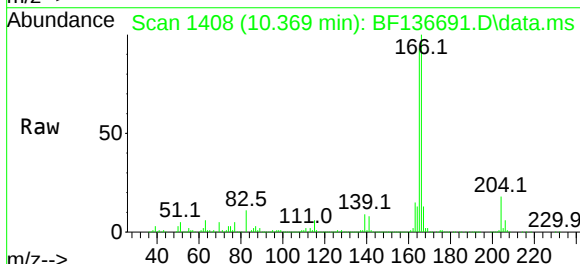
12/25/2023
Supervised By :mohammad
ahmed

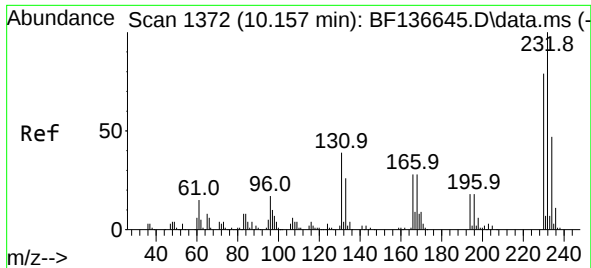
12/25/2023



#58
Fluorene
Concen: 41.602 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

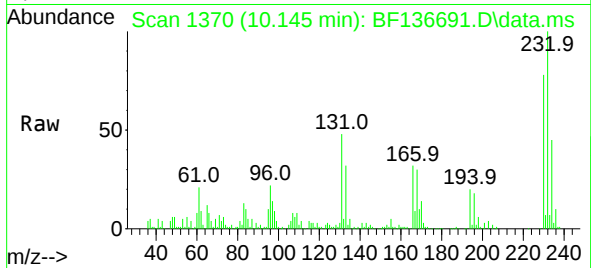
Tgt Ion:166 Resp: 378697
Ion Ratio Lower Upper
166 100
165 92.5 73.7 110.5
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.219 ng m
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

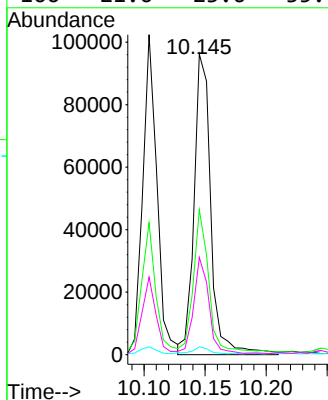
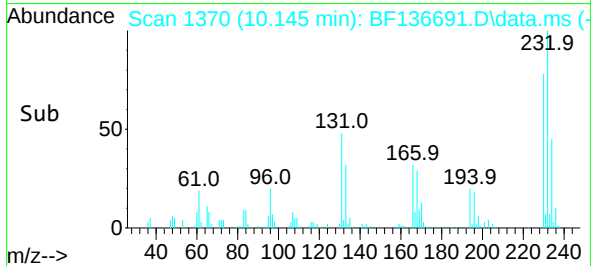
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS



Tgt Ion:232 Resp: 9219
Ion Ratio Lower Upper
232 100
131 36.6 35.1 52.7
130 2.1 1.6 2.4
166 21.6 23.6 35.4#

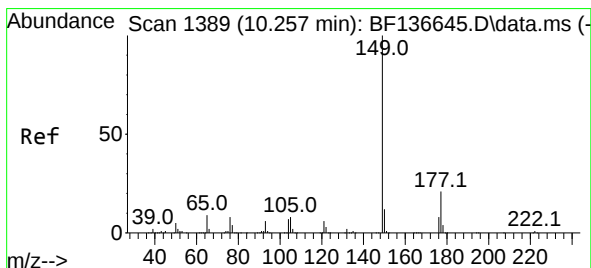
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Supervised By :mohammad ahmed 12/25/2023



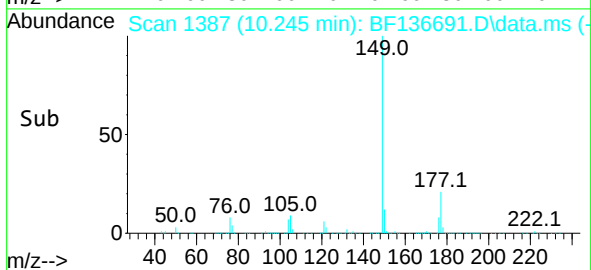
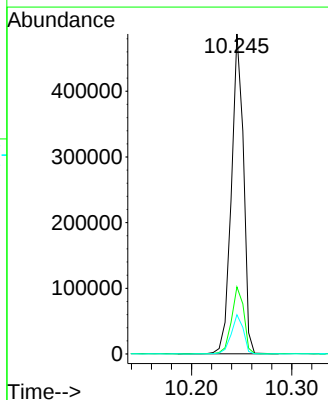
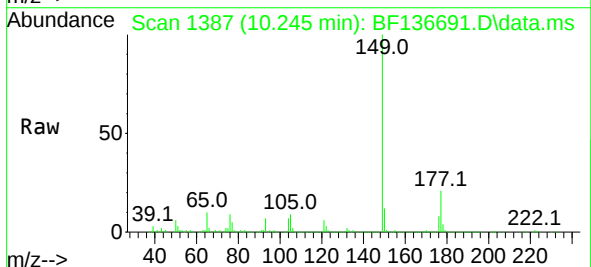
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ahmed

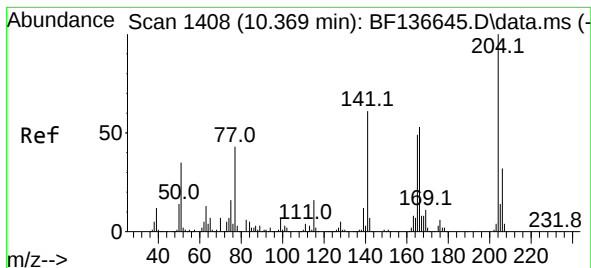
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#60
Diethylphthalate
Concen: 42.885 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

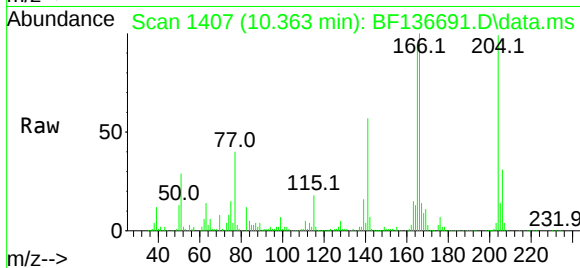
Tgt Ion:149 Resp: 406942
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.3 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 41.334 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

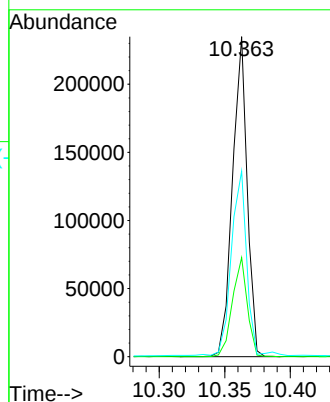
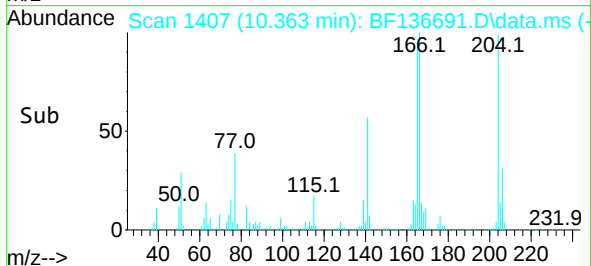
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS



Tgt Ion:204 Resp: 182884
Ion Ratio Lower Upper
204 100
206 30.9 25.6 38.4
141 58.0 48.4 72.6

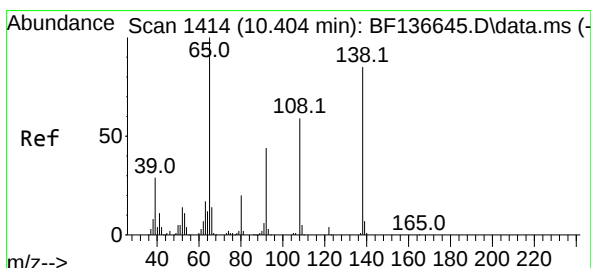
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Supervised By :mohammad ahmed 12/25/2023



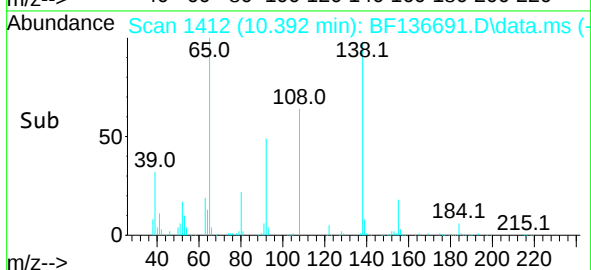
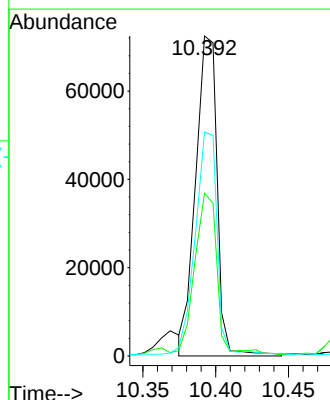
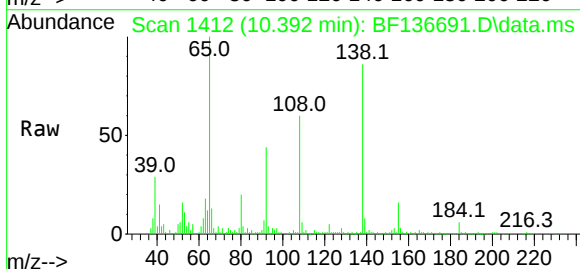
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ahmed

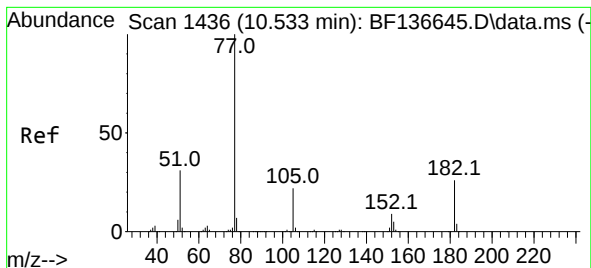
12/25/2023



#62
4-Nitroaniline
Concen: 35.280 ng m
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:138 Resp: 74780
Ion Ratio Lower Upper
138 100
92 50.8 32.1 72.1
108 70.0 50.1 90.1





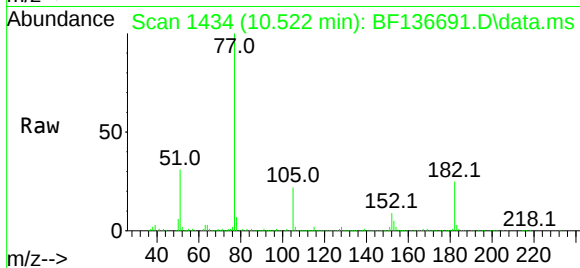
#63
Azobenzene
Concen: 40.844 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS



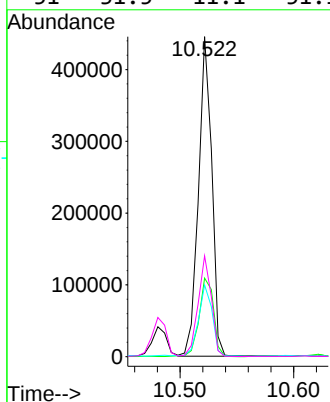
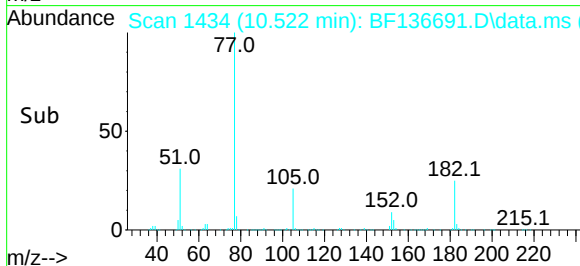
Tgt Ion: 77 Resp: 362000
Ion Ratio Lower Upper
77 100
182 24.6 6.0 46.0
105 22.4 2.3 42.3
51 31.5 11.1 51.1

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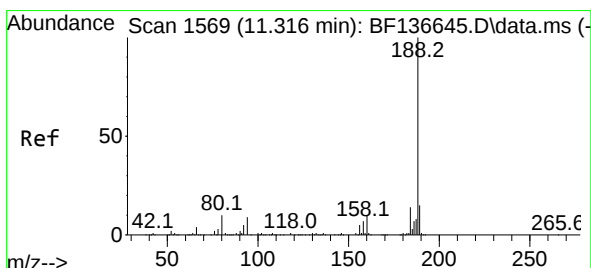
Supervised By :mohammad ahmed 12/25/2023



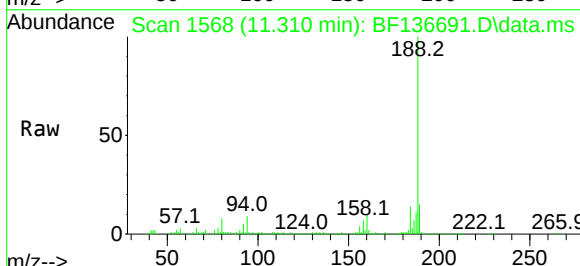
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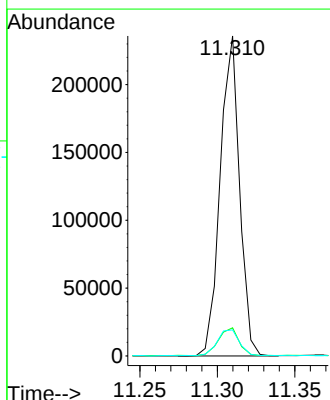
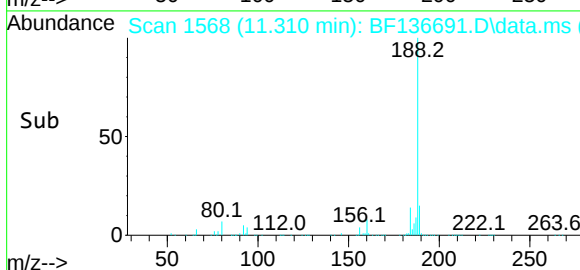
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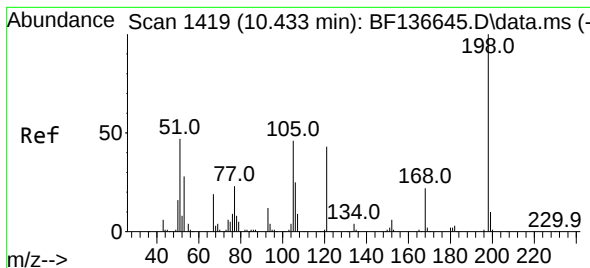


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09



Tgt Ion:188 Resp: 204603
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 8.2 8.1 12.1





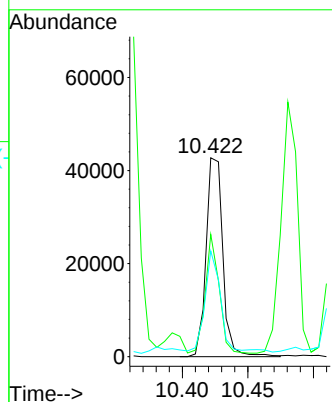
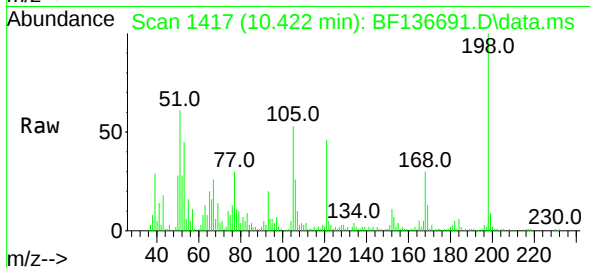
#65
4,6-Dinitro-2-methylphenol
Concen: 32.499 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion:198 Resp: 38108
Ion Ratio Lower Upper
198 100
51 61.4 34.1 74.1
105 53.2 27.3 67.3

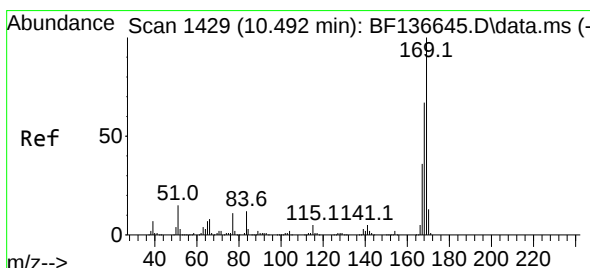
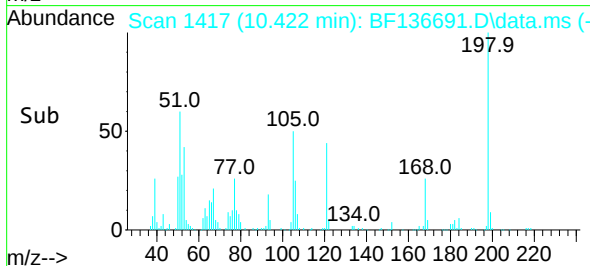
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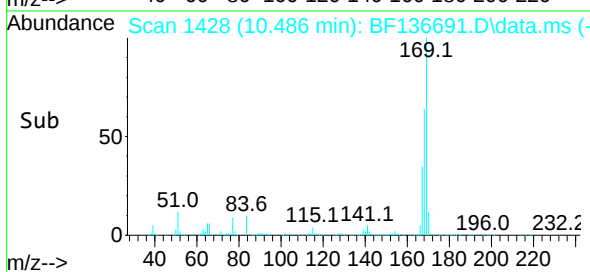
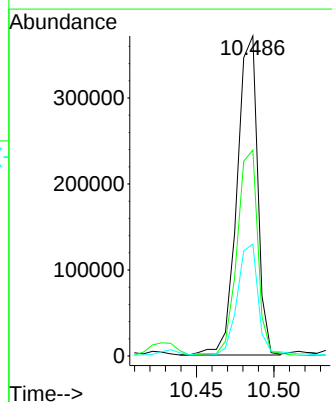
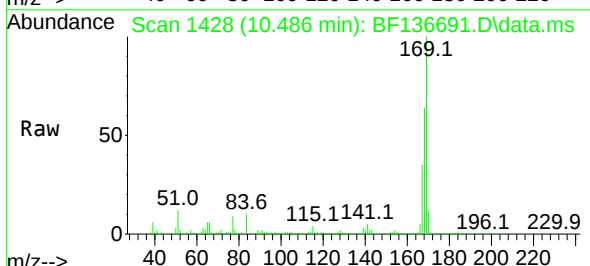
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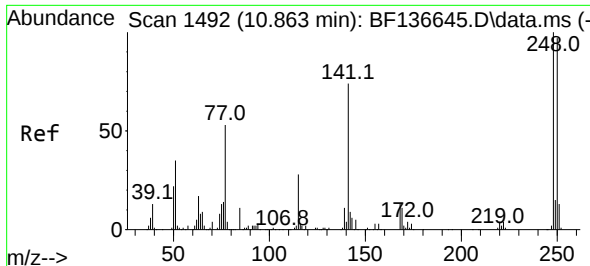
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#66
n-Nitrosodiphenylamine
Concen: 51.716 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

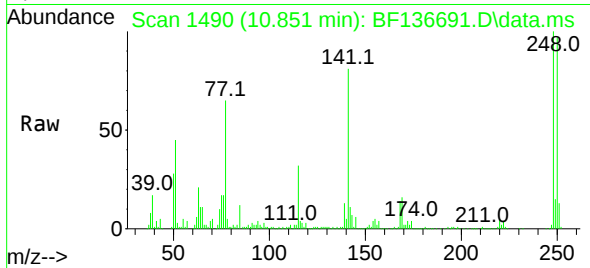
Tgt Ion:169 Resp: 343727
Ion Ratio Lower Upper
169 100
168 64.4 53.8 80.6
167 35.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 46.714 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

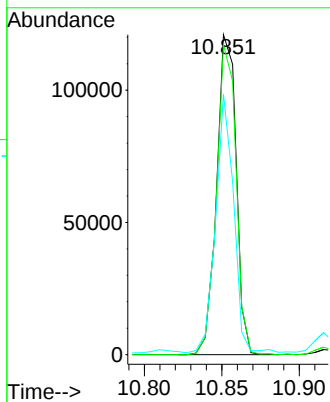
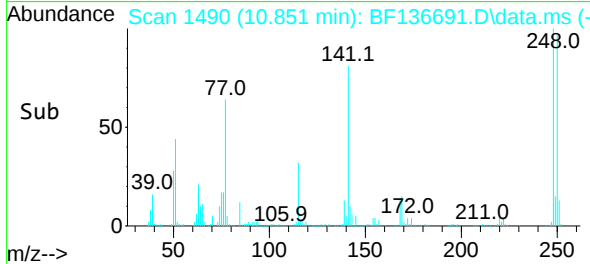
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS



Tgt Ion:248 Resp: 10614
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.6
141 81.5 59.2 88.8

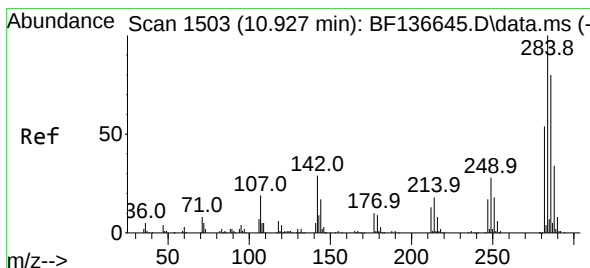
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Supervised By :mohammad ahmed 12/25/2023

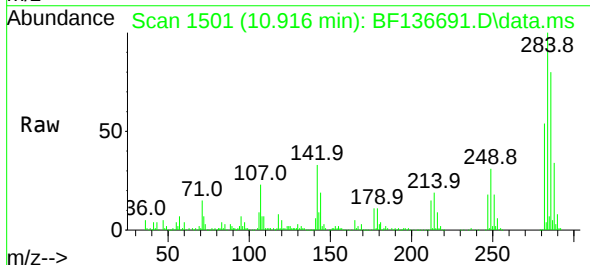


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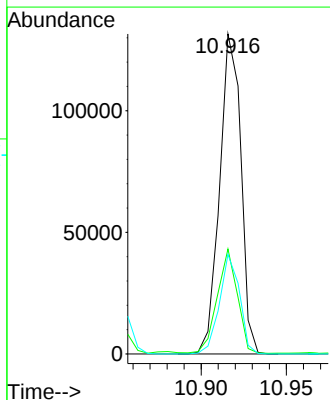
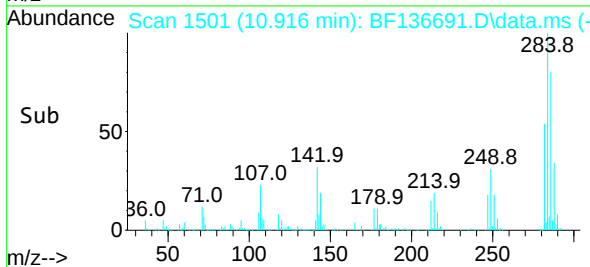
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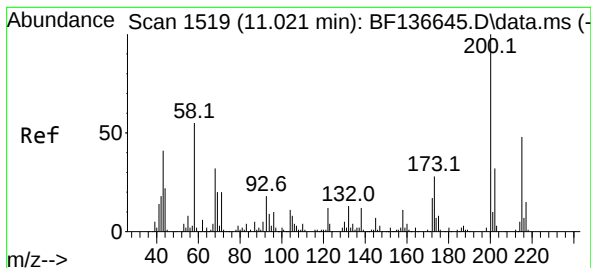


#68
Hexachlorobenzene
Concen: 45.043 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09



Tgt Ion:284 Resp: 114060
Ion Ratio Lower Upper
284 100
142 32.8 23.4 35.0
249 31.1 22.3 33.5





#69

Atrazine

Concen: 60.151 ng

RT: 11.016 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

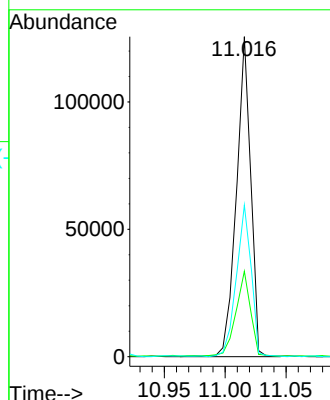
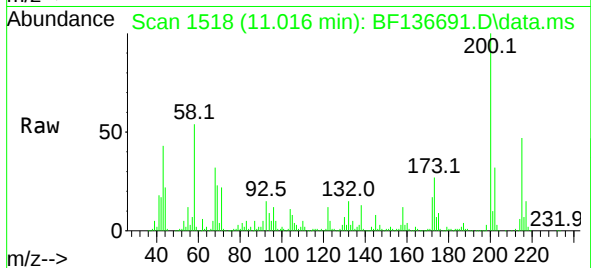
SOIL-COMP-2MS

Tgt Ion:200 Resp: 102254
 Ion Ratio Lower Upper
 200 100
 173 26.7 7.6 47.6
 215 47.3 28.3 68.3

Manual Integrations

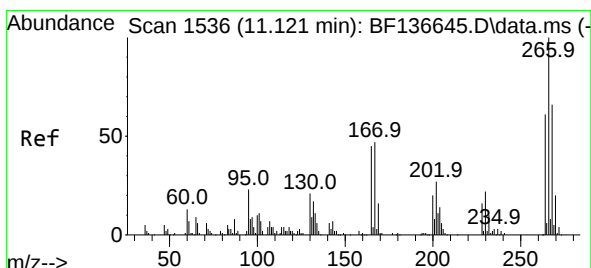
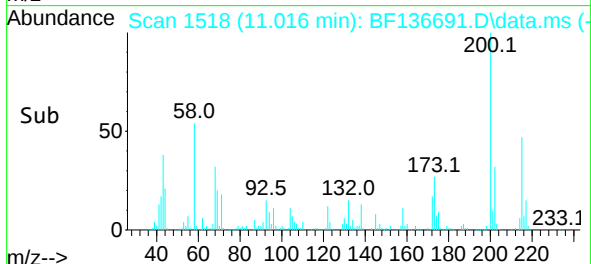
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#70

Pentachlorophenol

Concen: 78.961 ng

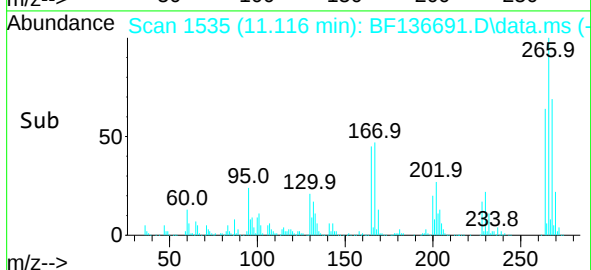
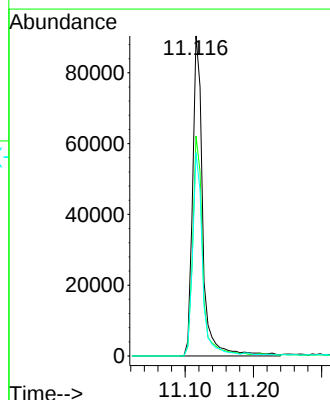
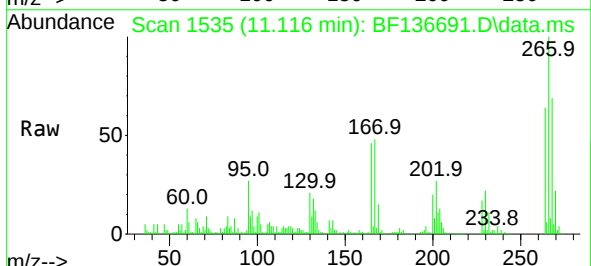
RT: 11.116 min Scan# 1535

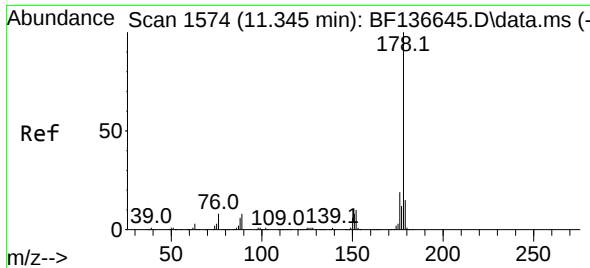
Delta R.T. -0.006 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Tgt Ion:266 Resp: 93198
 Ion Ratio Lower Upper
 266 100
 268 68.7 52.6 78.8
 264 63.5 49.0 73.4





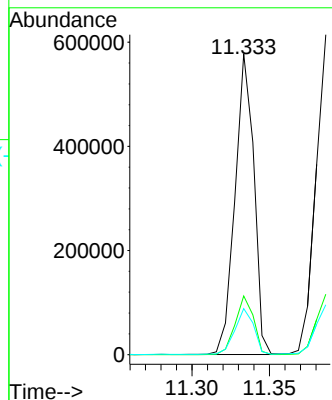
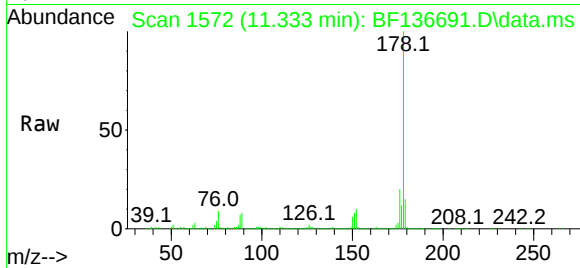
#71
Phenanthrene
Concen: 46.520 ng
RT: 11.333 min Scan# 1574
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion:178 Resp: 48838
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.3 11.9 17.9

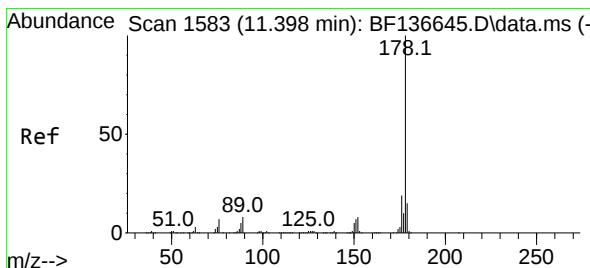
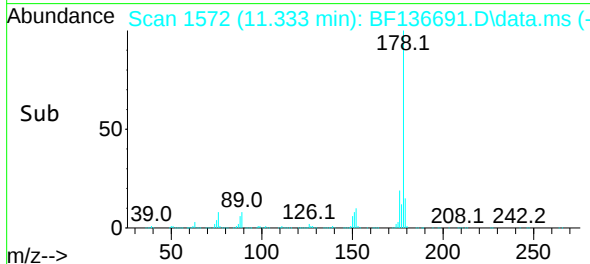
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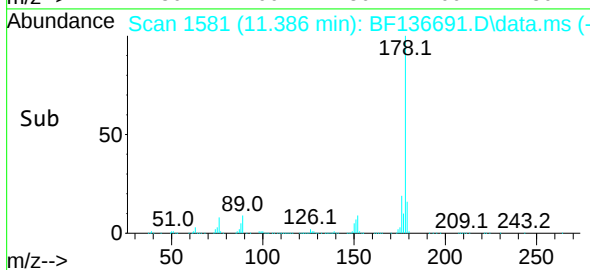
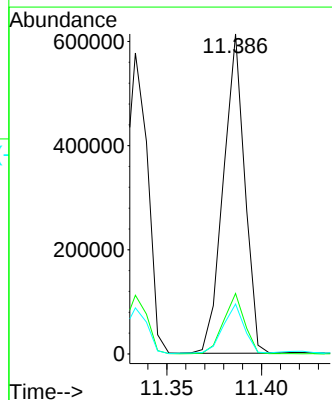
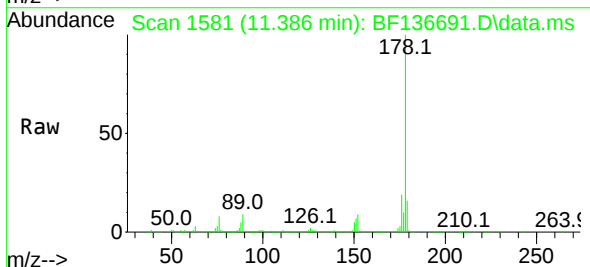
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Supervised By :mohammad
ahmed

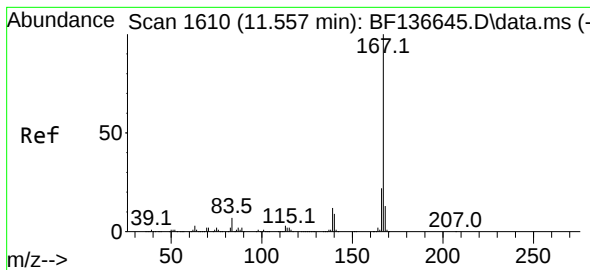
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#72
Anthracene
Concen: 45.335 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

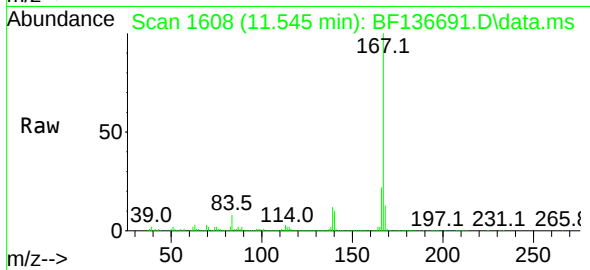
Tgt Ion:178 Resp: 482005
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.6 11.8 17.6





#73
 Carbazole
 Concen: 41.442 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.012 min
 Lab File: BF136691.D
 Acq: 22 Dec 2023 18:09

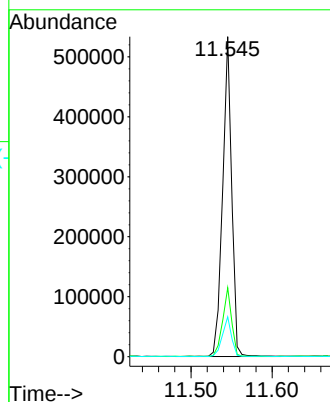
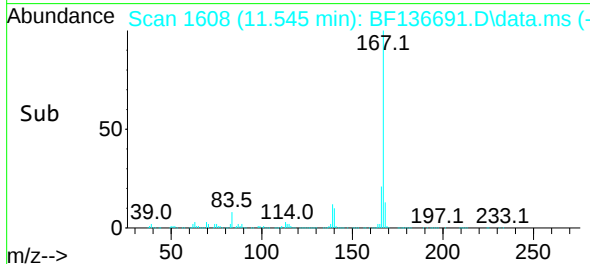
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-2MS



Tgt Ion:167 Resp: 415415
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.5 9.8 14.6

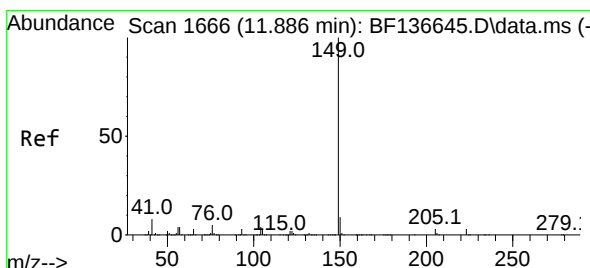
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Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

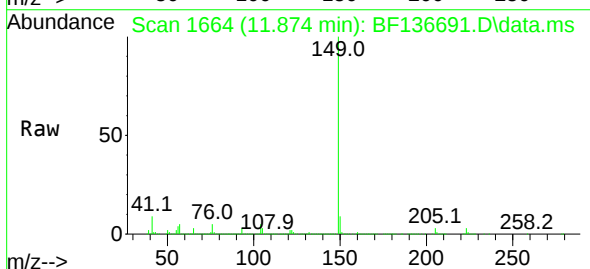


12/25/2023
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 ahmed

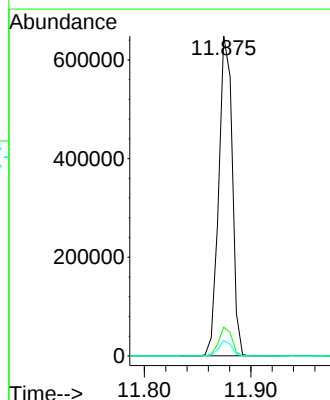
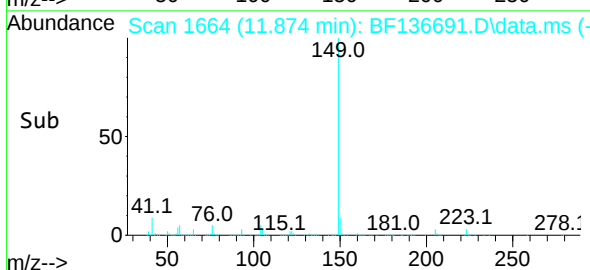
12/25/2023

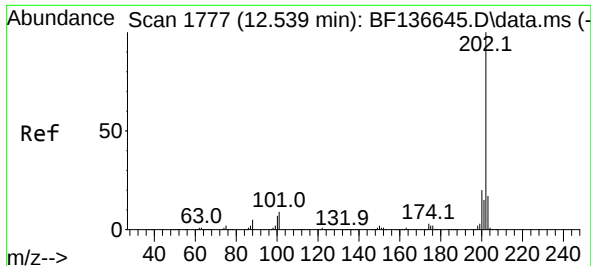


#74
 Di-n-butylphthalate
 Concen: 46.395 ng
 RT: 11.874 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF136691.D
 Acq: 22 Dec 2023 18:09



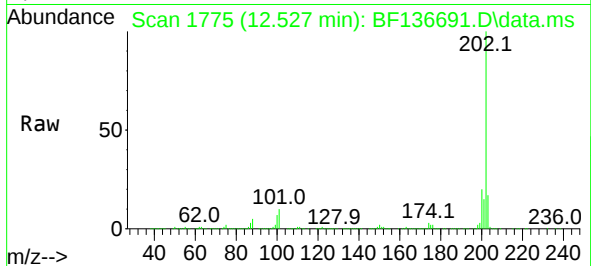
Tgt Ion:149 Resp: 567489
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 38.984 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

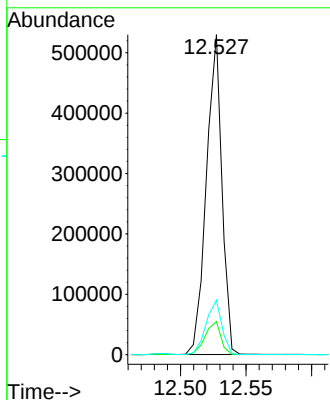
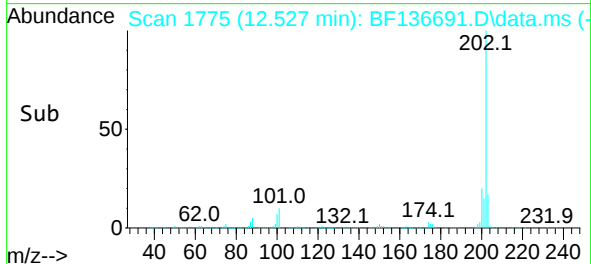
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS



Tgt Ion:202 Resp: 437770
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.3
203 17.0 0.0 37.1

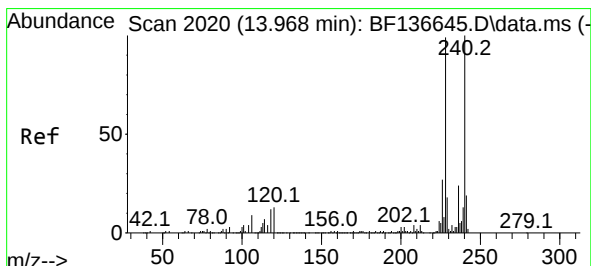
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



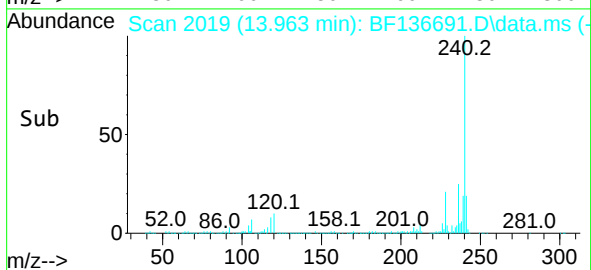
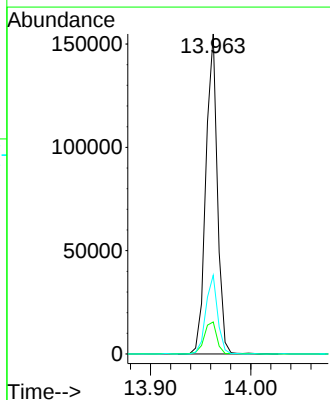
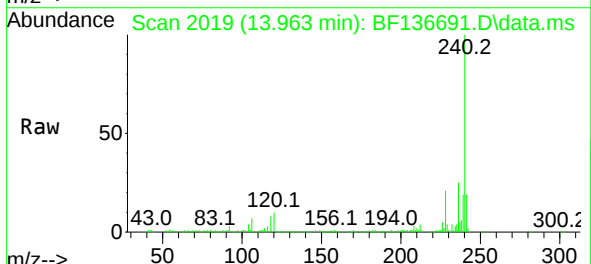
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ahmed

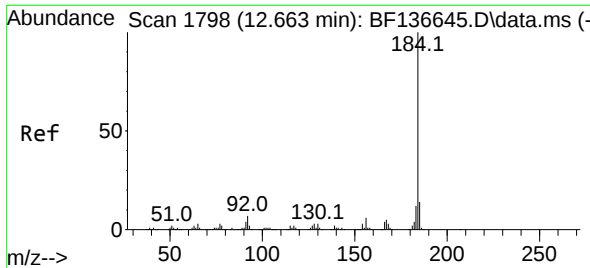
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:240 Resp: 124085
Ion Ratio Lower Upper
240 100
120 10.0 10.3 15.5#
236 24.6 19.4 29.2





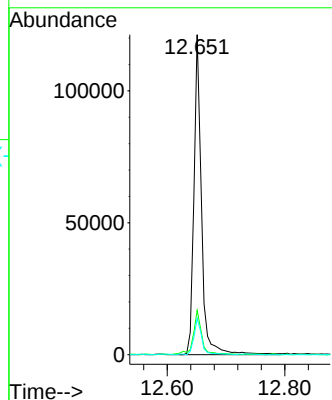
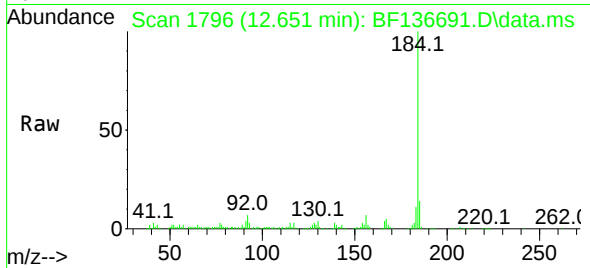
#77
Benzidine
Concen: 29.673 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion:184 Resp: 10856
Ion Ratio Lower Upper
184 100
185 13.8 11.2 16.8
183 11.3 9.3 13.9

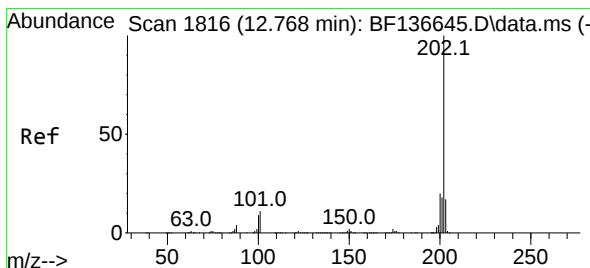
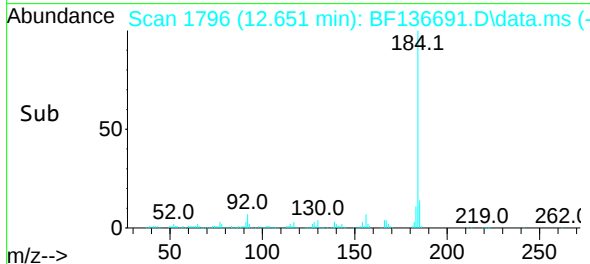
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



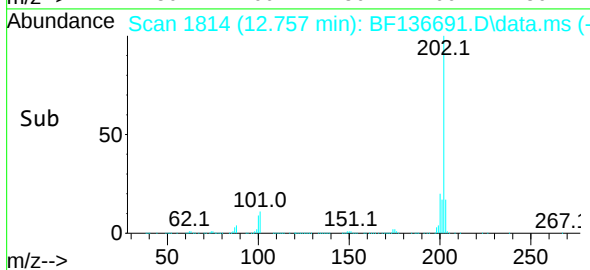
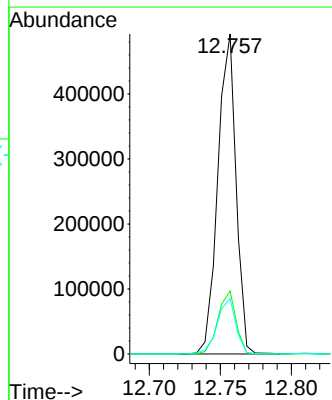
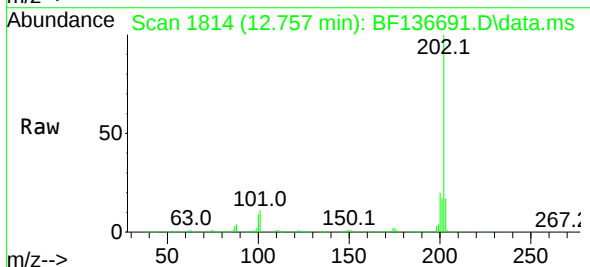
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ahmed

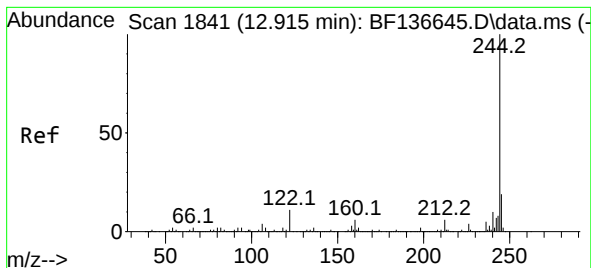
12/25/2023



#78
Pyrene
Concen: 35.888 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:202 Resp: 437149
Ion Ratio Lower Upper
202 100
200 19.7 15.9 23.9
203 17.3 13.8 20.6





#79

Terphenyl-d14

Concen: 59.170 ng

RT: 12.904 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

Tgt Ion:244 Resp: 52538

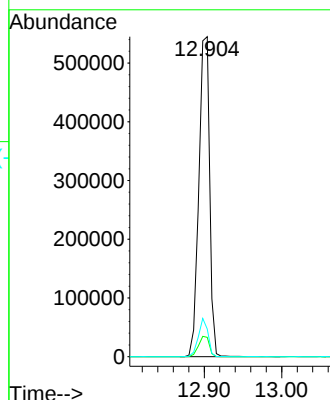
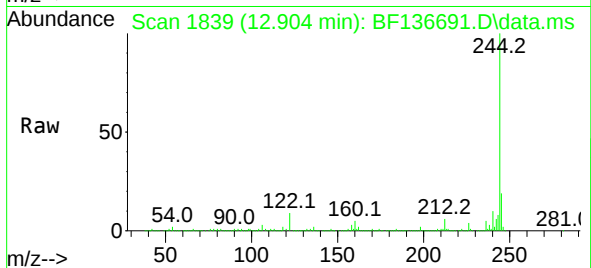
Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.0	7.4
122	8.7	9.0	13.4

Manual Integrations

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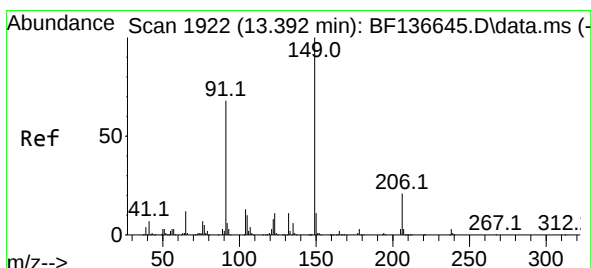
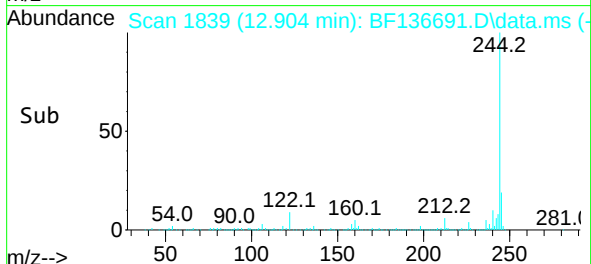
Supervised By :mohammad ahmed 12/25/2023



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Supervised By :mohammad
ahmed

12/25/2023



#80

Butylbenzylphthalate

Concen: 41.737 ng

RT: 13.380 min Scan# 1920

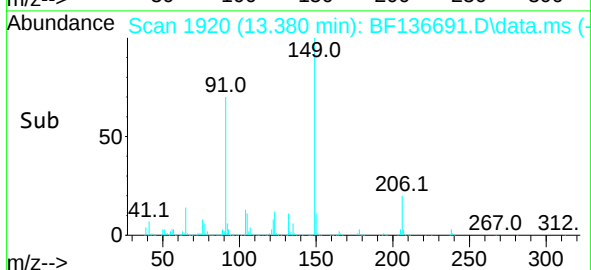
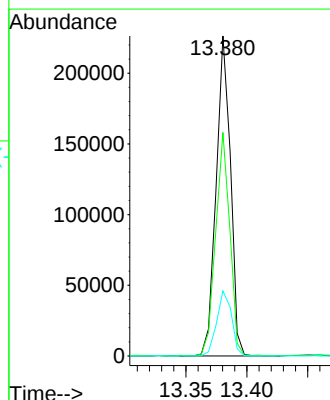
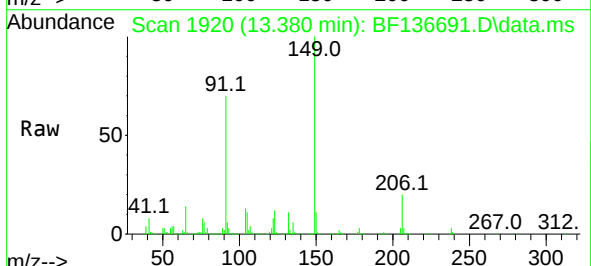
Delta R.T. -0.012 min

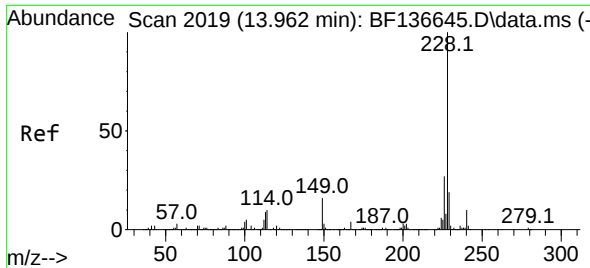
Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Tgt Ion:149 Resp: 184994

Ion	Ratio	Lower	Upper
149	100		
91	69.9	54.1	81.1
206	20.4	17.1	25.7





#81
Benzo(a)anthracene
Concen: 43.476 ng
RT: 13.951 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

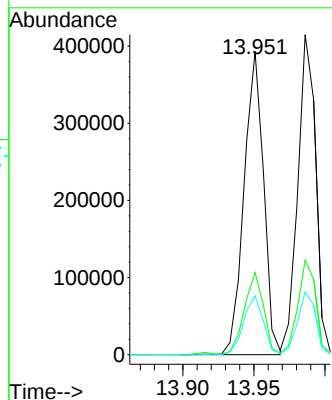
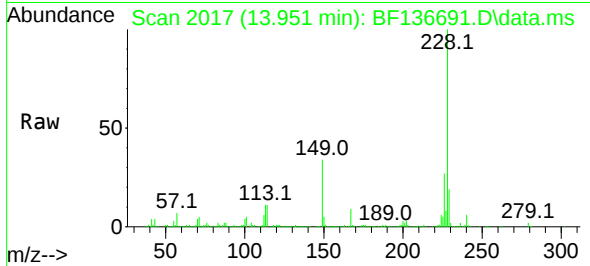
ClientSampleId :

SOIL-COMP-2MS

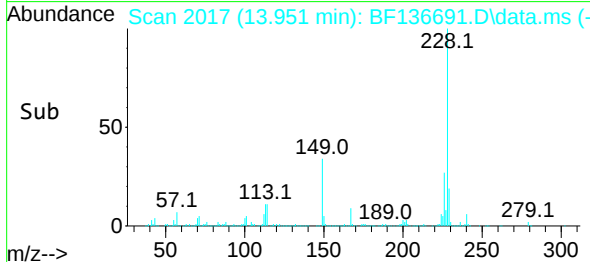
Tgt Ion:228 Resp: 37460
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 19.4 14.9 22.3

Manual Integrations
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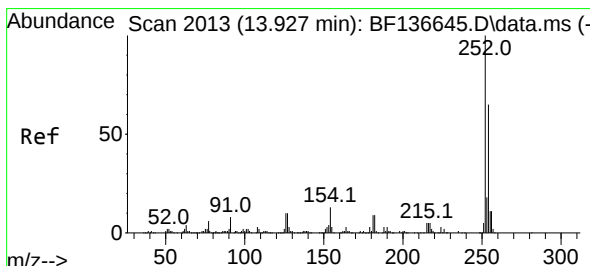
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



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Supervised By :mohammad
ahmed

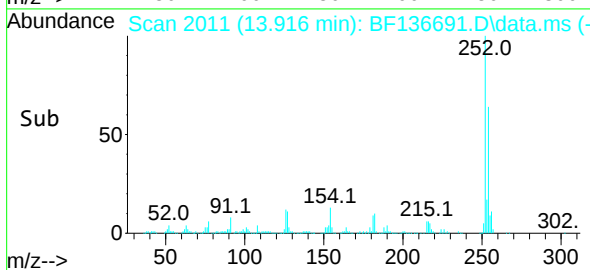
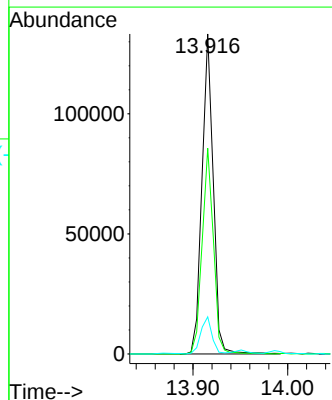
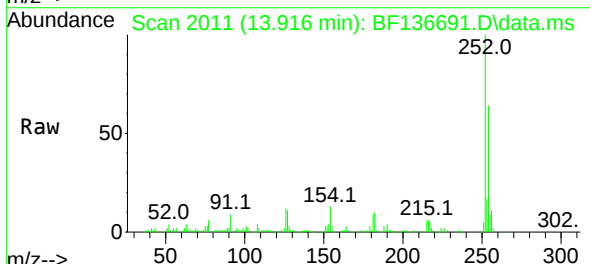


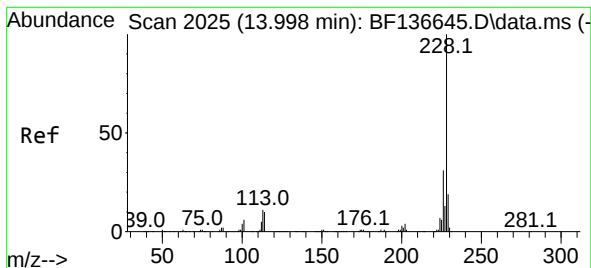
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#82
3,3'-Dichlorobenzidine
Concen: 45.344 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:252 Resp: 110954
Ion Ratio Lower Upper
252 100
254 64.3 52.2 78.4
126 11.6 8.0 12.0





#83

Chrysene

Concen: 43.243 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

Tgt Ion:228 Resp: 364360

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

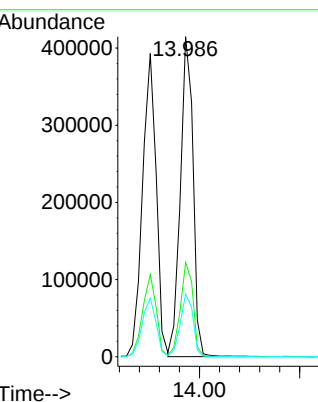
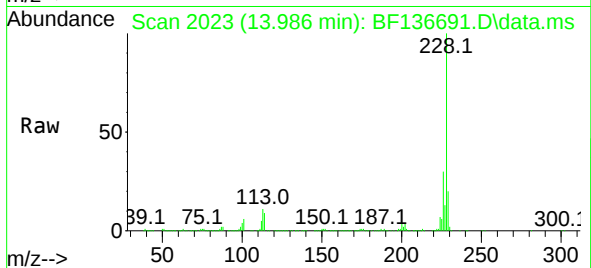
229 19.7 15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/25/2023

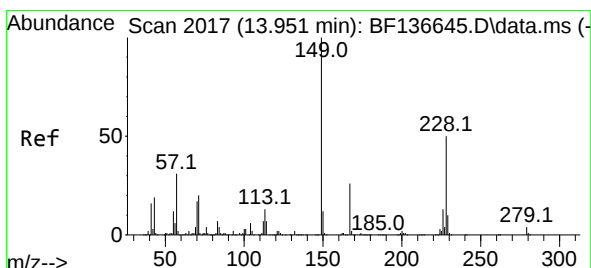
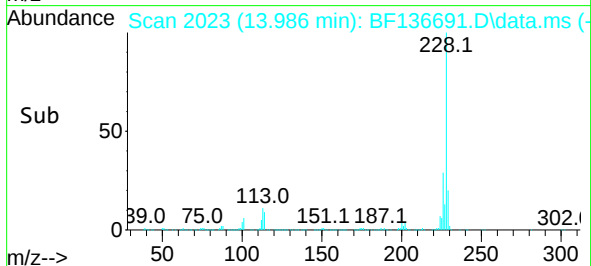
Supervised By :mohammad ahmed 12/25/2023



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Supervised By :mohammad
ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.470 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

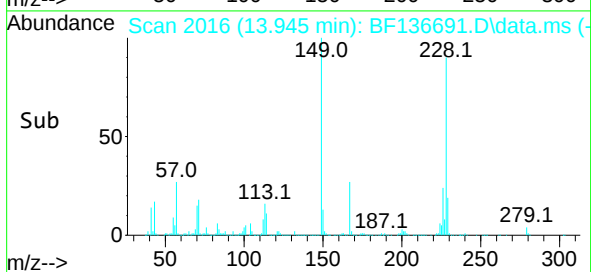
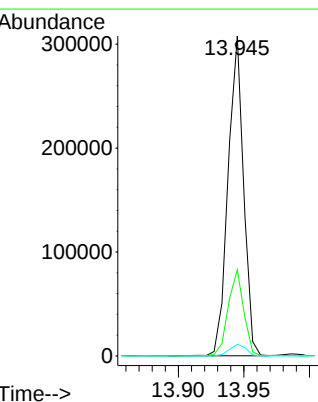
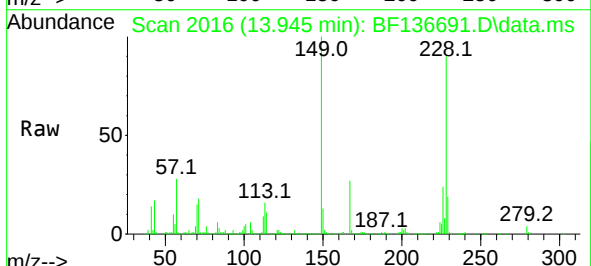
Tgt Ion:149 Resp: 253573

Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

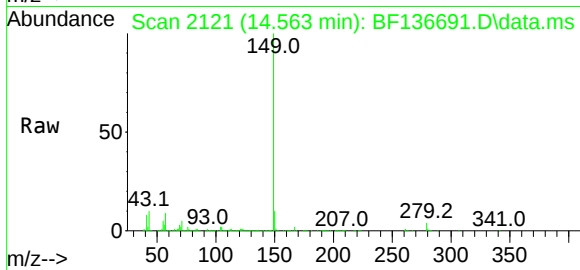
279 3.6 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 51.900 ng
RT: 14.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

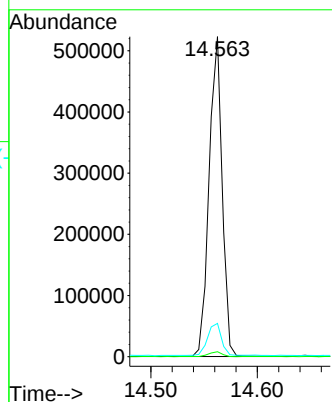
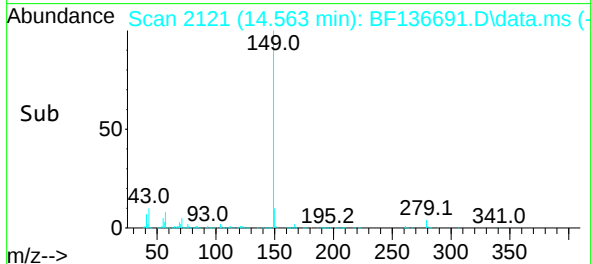
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS



Tgt Ion:149 Resp: 447705
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.7 8.9 13.3

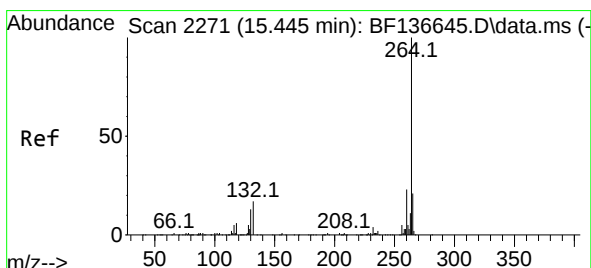
Manual Integrations
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Supervised By :mohammad ahmed 12/25/2023



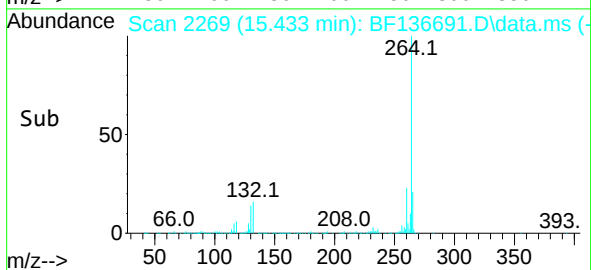
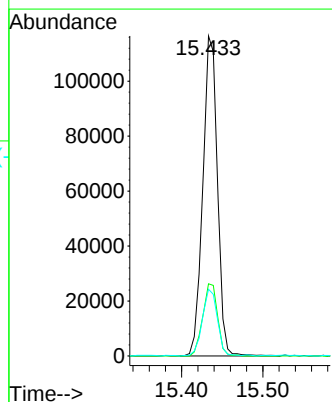
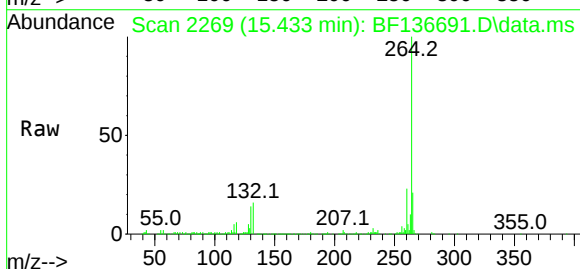
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ahmed

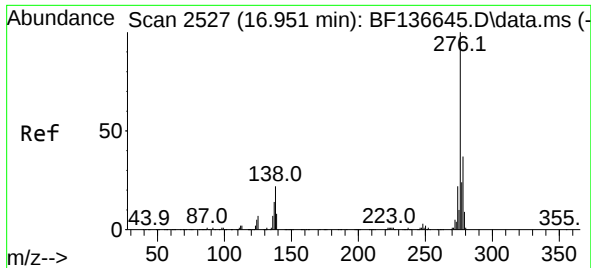
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:264 Resp: 145477
Ion Ratio Lower Upper
264 100
260 22.5 18.3 27.5
265 20.8 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 35.851 ng
RT: 16.939 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

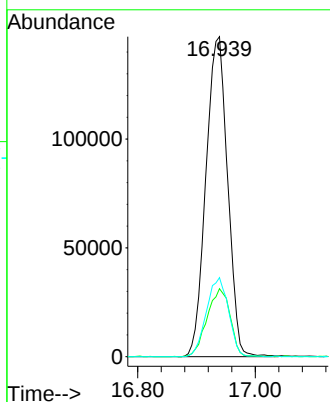
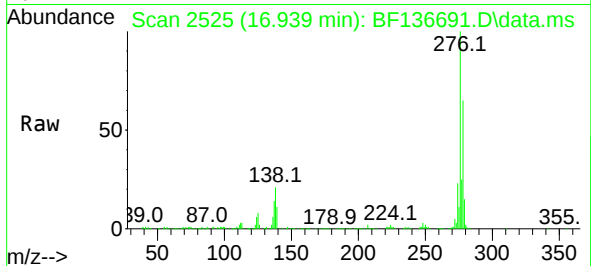
ClientSampleId :

SOIL-COMP-2MS

Tgt Ion:276 Resp: 37656
Ion Ratio Lower Upper
276 100
138 22.7 18.7 28.1
277 25.3 20.2 30.2

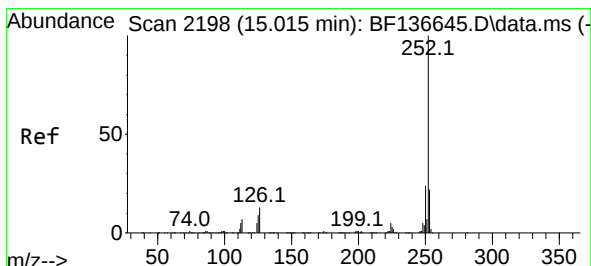
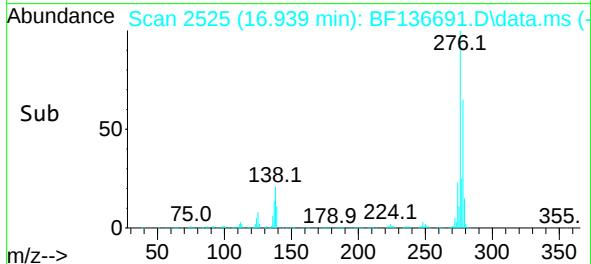
Manual Integrations
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Supervised By :mohammad ahmed 12/25/2023



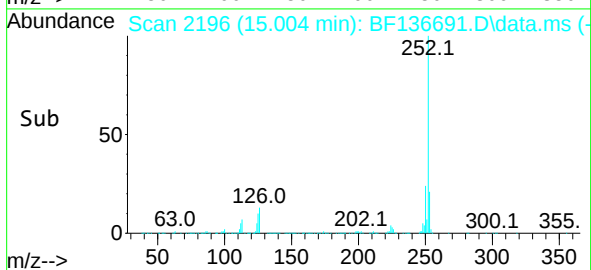
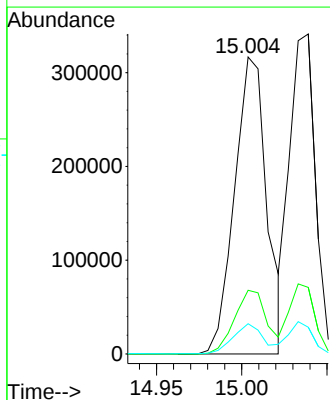
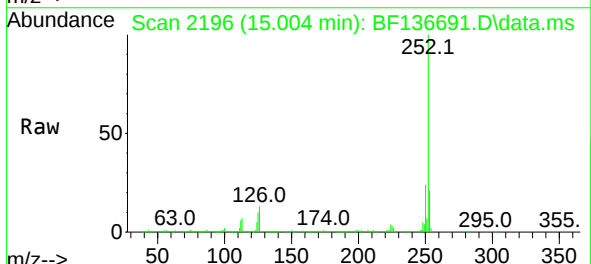
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Supervised By :mohammad
ahmed

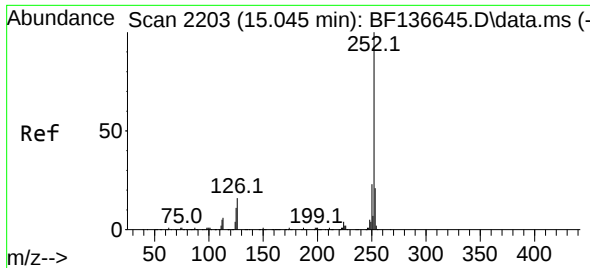
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#88
Benzo(b)fluoranthene
Concen: 43.060 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:252 Resp: 418391
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 10.2 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 39.225 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

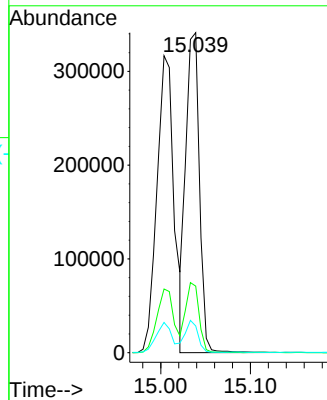
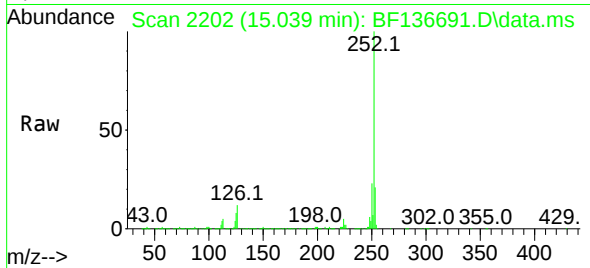
SOIL-COMP-2MS

Tgt Ion:252 Resp: 36013
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.6
125 8.4 8.2 12.4

Manual Integrations

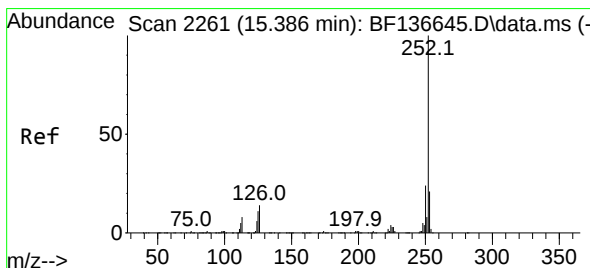
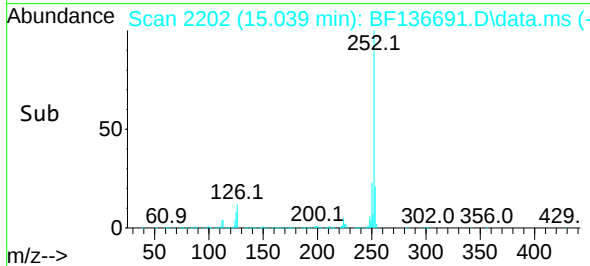
APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



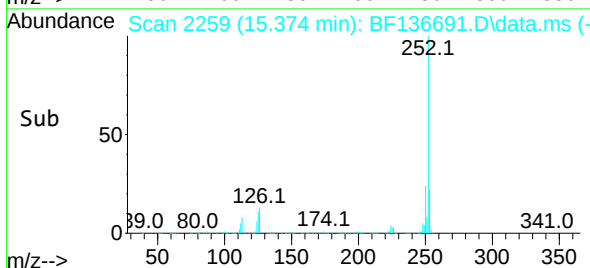
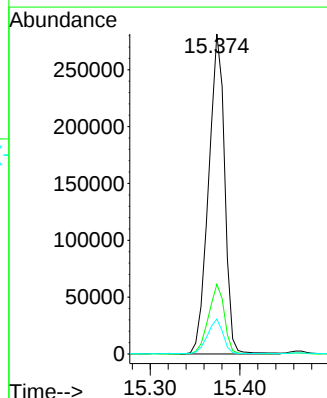
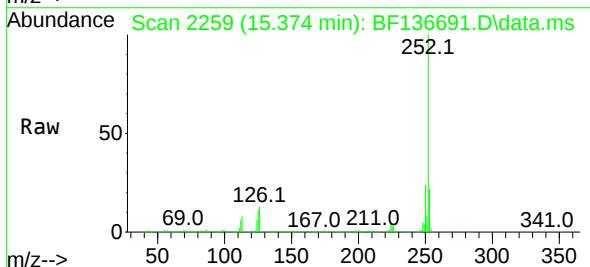
12/25/2023
Supervised By :mohammad
ahmed

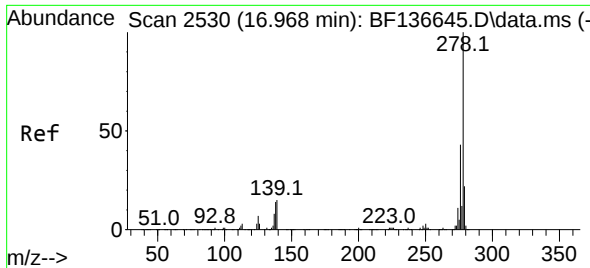
12/25/2023



#90
Benzo(a)pyrene
Concen: 42.760 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

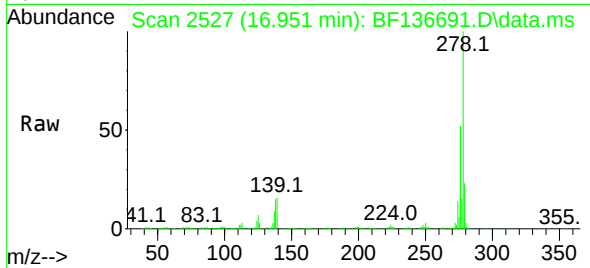
Tgt Ion:252 Resp: 350712
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 10.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 36.904 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

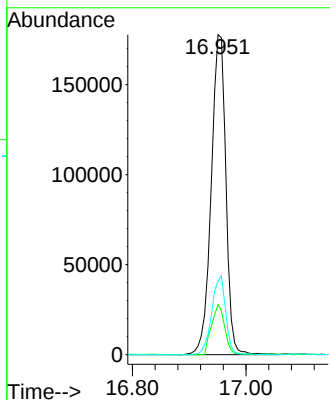
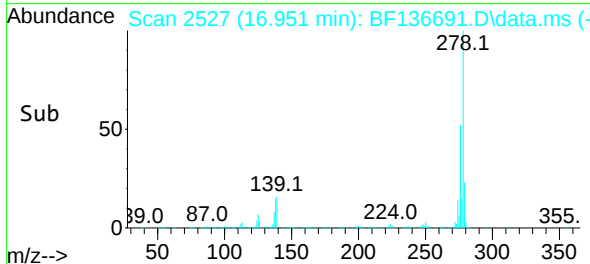
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS



Tgt Ion:278 Resp: 31800
Ion Ratio Lower Upper
278 100
139 15.6 12.2 18.4
279 22.9 17.8 26.6

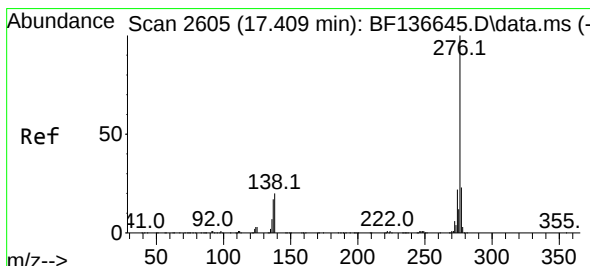
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



12/25/2023
Supervised By :mohammad
ahmed

12/25/2023



#92
Benzo(g,h,i)perylene
Concen: 31.547 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:276 Resp: 278425
Ion Ratio Lower Upper
276 100
277 23.7 18.3 27.5
138 18.6 15.6 23.4

