

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141570.D
 Acq On : 11 Feb 2025 18:53
 Operator : RC/JU
 Sample : Q1346-01MS 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
ClientSampleId :
 SOIL-COMPMS

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 12 00:05:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	85339	20.000	ng	0.00	
21) Naphthalene-d8	8.069	136	326420	20.000	ng	0.00	
39) Acenaphthene-d10	9.822	164	167243	20.000	ng	-0.01	
64) Phenanthrene-d10	11.310	188	253958	20.000	ng	0.00	
76) Chrysene-d12	13.951	240	196367	20.000	ng	-0.01	
86) Perylene-d12	15.415	264	216844	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	307896	56.563	ng	0.00	
7) Phenol-d6	6.434	99	379998	55.232	ng	0.00	
23) Nitrobenzene-d5	7.345	82	250472	40.023	ng	-0.02	
42) 2,4,6-Tribromophenol	10.610	330	88273	52.542	ng	-0.02	
45) 2-Fluorobiphenyl	9.139	172	411613	37.918	ng	-0.01	
79) Terphenyl-d14	12.892	244	335272	28.823	ng	-0.01	
Target Compounds							
2) 1,4-Dioxane	2.516	88	52858	24.127	ng		Qvalue 99
3) Pyridine	3.246	79	101983	19.562	ng		99
4) n-Nitrosodimethylamine	3.187	42	77421	22.428	ng		99
6) Aniline	6.445	93	3563m	0.552	ng		
8) 2-Chlorophenol	6.581	128	139166	23.660	ng		100
9) Benzaldehyde	6.334	77	73943	20.225	ng		98
10) Phenol	6.445	94	163325	22.808	ng	#	78
11) bis(2-Chloroethyl)ether	6.516	93	230824	42.916	ng		87
12) 1,3-Dichlorobenzene	6.728	146	148507	23.916	ng		98
13) 1,4-Dichlorobenzene	6.804	146	151895	23.942	ng		98
14) 1,2-Dichlorobenzene	6.957	146	143921	24.442	ng		98
15) Benzyl Alcohol	6.934	79	114743	21.748	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	218555	23.738	ng		74
17) 2-Methylphenol	7.051	107	107540	23.364	ng		96
18) Hexachloroethane	7.298	117	56889	24.229	ng		99
19) n-Nitroso-di-n-propyla...	7.198	70	96930	23.553	ng		98
20) 3+4-Methylphenols	7.210	107	145614	24.893	ng	#	60
22) Acetophenone	7.192	105	217397	26.773	ng	#	91
24) Nitrobenzene	7.369	77	144065	23.607	ng		98
25) Isophorone	7.604	82	256307	25.686	ng		99
26) 2-Nitrophenol	7.686	139	72017	23.720	ng		96
27) 2,4-Dimethylphenol	7.728	122	109041	30.743	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	158350	24.765	ng		100
29) 2,4-Dichlorophenol	7.939	162	114466	23.885	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	125739	24.094	ng		100
31) Naphthalene	8.092	128	419200	24.671	ng		100
32) Benzoic acid	7.834	122	79688	21.630	ng		98
33) 4-Chloroaniline	8.157	127	48523	8.179	ng		98
34) Hexachlorobutadiene	8.204	225	76918	24.551	ng		99
35) Caprolactam	8.492	113	38258	26.220	ng		93
36) 4-Chloro-3-methylphenol	8.633	107	123395	23.245	ng		100
37) 2-Methylnaphthalene	8.781	142	262541	23.745	ng		99
38) 1-Methylnaphthalene	8.880	142	253289	23.652	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	138168	28.556	ng		99
41) Hexachlorocyclopentadiene	8.933	237	87602	54.434	ng		97
43) 2,4,6-Trichlorophenol	9.063	196	77499	24.782	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	83022	24.496	ng	98
46) 1,1'-Biphenyl	9.245	154	372636	28.739	ng	99
47) 2-Chloronaphthalene	9.269	162	246620	25.722	ng	99
48) 2-Nitroaniline	9.369	65	78914	24.525	ng	96
49) Acenaphthylene	9.680	152	388724	27.258	ng	99
50) Dimethylphthalate	9.545	163	289823	25.527	ng	100
51) 2,6-Dinitrotoluene	9.610	165	60840	24.513	ng	97
52) Acenaphthene	9.857	154	253288	26.418	ng	97
53) 3-Nitroaniline	9.775	138	34702	12.990	ng	100
54) 2,4-Dinitrophenol	9.892	184	47683	32.325	ng	93
55) Dibenzofuran	10.027	168	355550	25.265	ng	99
56) 4-Nitrophenol	9.951	139	86624	43.682	ng	97
57) 2,4-Dinitrotoluene	10.010	165	84058	25.440	ng	95
58) Fluorene	10.369	166	287294	26.403	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	65772	22.541	ng	94
60) Diethylphthalate	10.245	149	279792	25.047	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	132236	25.261	ng	97
62) 4-Nitroaniline	10.386	138	49055	18.085	ng	100
63) Azobenzene	10.522	77	301790	27.176	ng	93
65) 4,6-Dinitro-2-methylph...	10.422	198	32277	18.296	ng	98
66) n-Nitrosodiphenylamine	10.480	169	226494	27.861	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	76746	27.039	ng	98
68) Hexachlorobenzene	10.916	284	77020	26.352	ng	97
69) Atrazine	11.010	200	80769	33.118	ng	98
70) Pentachlorophenol	11.116	266	77932	41.701	ng	99
71) Phenanthrene	11.333	178	636429	45.527	ng	100
72) Anthracene	11.386	178	445427	31.697	ng	99
73) Carbazole	11.539	167	327508	25.902	ng	99
74) Di-n-butylphthalate	11.869	149	393995	26.986	ng	100
75) Fluoranthene	12.521	202	718589	48.485	ng	99
77) Benzidine	12.645	184	101327	23.397	ng	99
78) Pyrene	12.751	202	672365	40.223	ng	99
80) Butylbenzylphthalate	13.368	149	142711	24.648	ng	99
81) Benzo(a)anthracene	13.939	228	579125	44.367	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	90134	24.106	ng	99
83) Chrysene	13.980	228	452918	37.578	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	198551	30.405	ng	99
85) Di-n-octyl phthalate	14.557	149	343418	36.864	ng	99
87) Indeno(1,2,3-cd)pyrene	16.856	276	357297	26.667	ng	99
88) Benzo(b)fluoranthene	14.998	252	554429	38.079	ng	99
89) Benzo(k)fluoranthene	15.021	252	393571m	31.655	ng	
90) Benzo(a)pyrene	15.357	252	457607	38.841	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	247965	22.840	ng	99
92) Benzo(g,h,i)perylene	17.286	276	261735	23.038	ng	99

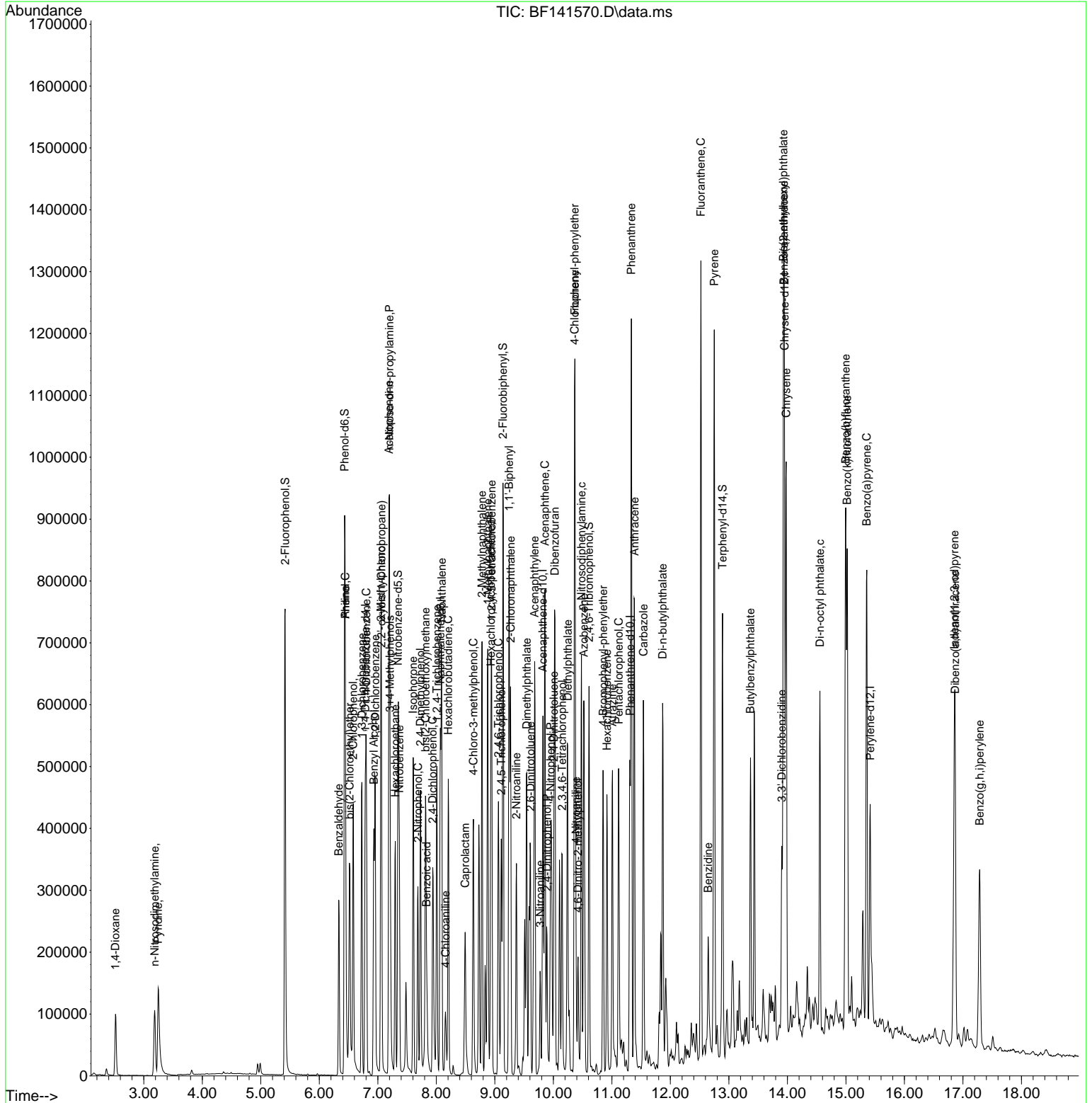
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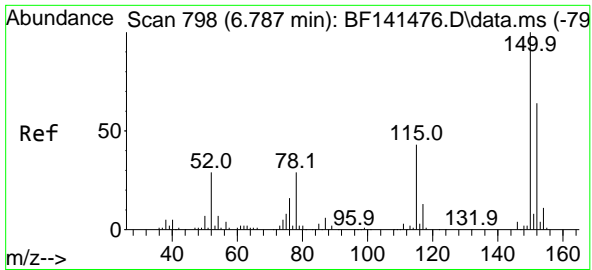
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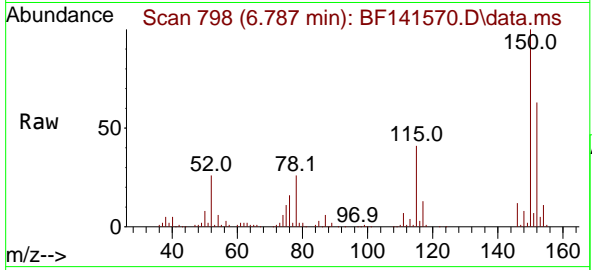
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

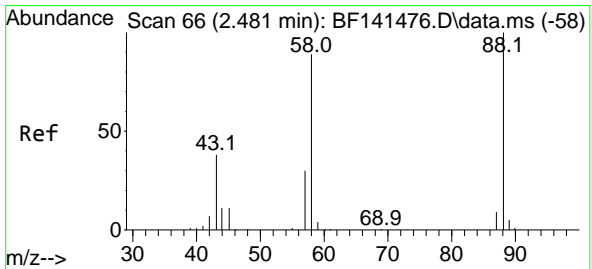
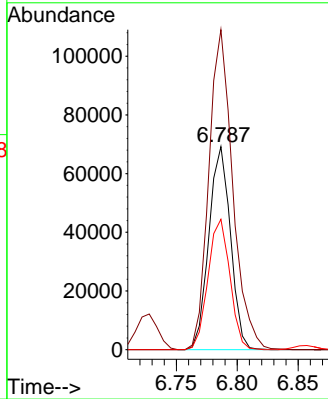
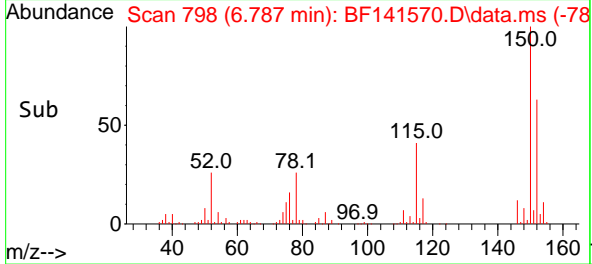
Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS



Tgt Ion: 152 Resp: 85339
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.0 187.4
 115 64.3 53.6 80.4

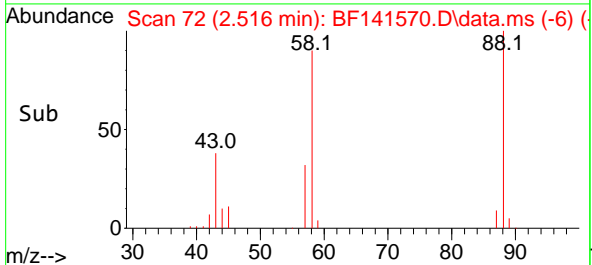
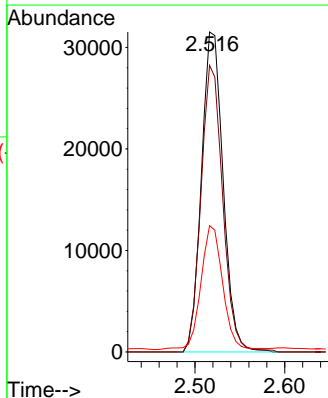
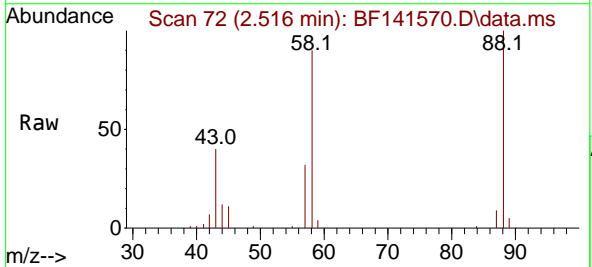
Manual Integrations
 APPROVED

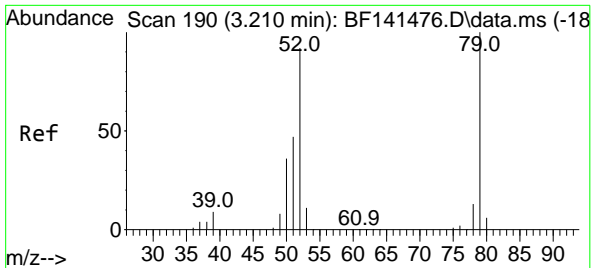
Reviewed By :Yogesh Patel 02/12/2025
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#2
 1,4-Dioxane
 Concen: 24.127 ng
 RT: 2.516 min Scan# 72
 Delta R.T. 0.035 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Tgt Ion: 88 Resp: 52858
 Ion Ratio Lower Upper
 88 100
 58 89.9 71.1 106.7
 43 38.9 30.6 46.0





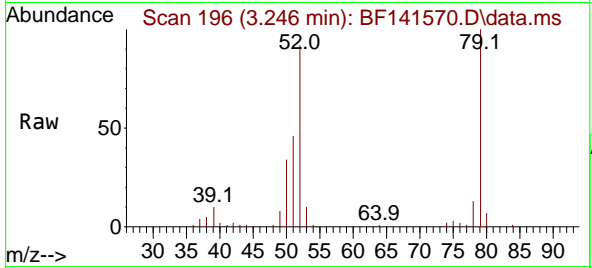
#3
Pyridine
 Concen: 19.562 ng
 RT: 3.246 min Scan# 190
 Delta R.T. 0.029 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS



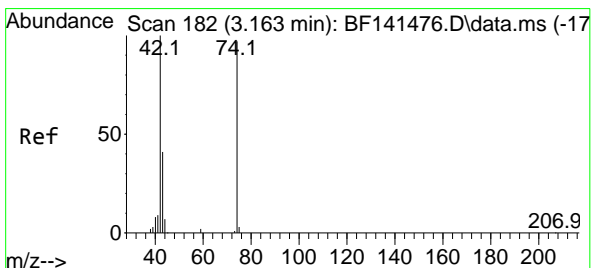
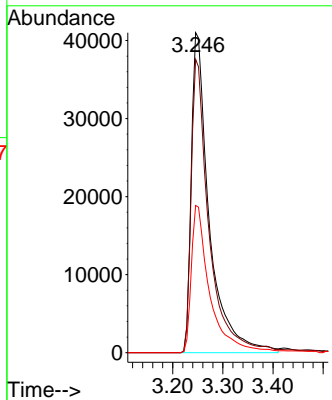
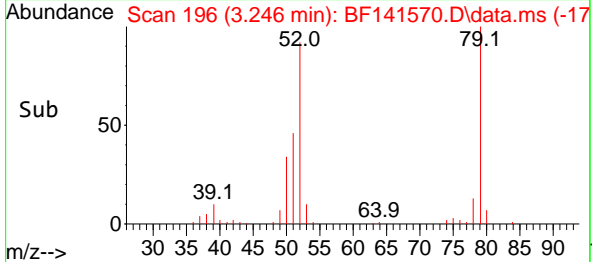
Tgt Ion: 79 Resp: 10198
 Ion Ratio Lower Upper
 79 100
 52 91.6 73.7 110.5
 51 46.0 37.5 56.3

Manual Integrations

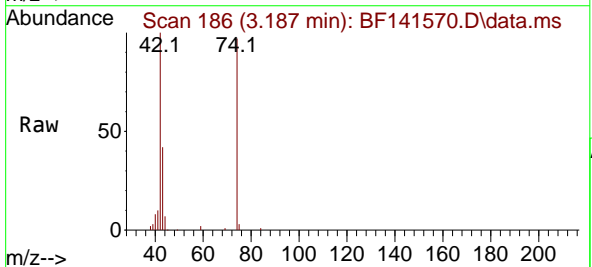
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Reviewed By :Yogesh Patel 02/12/2025

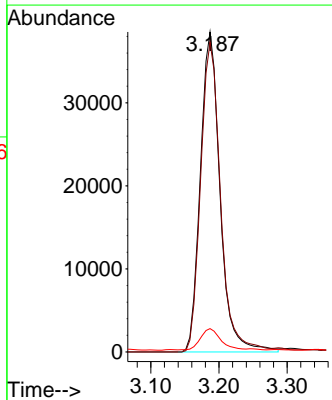
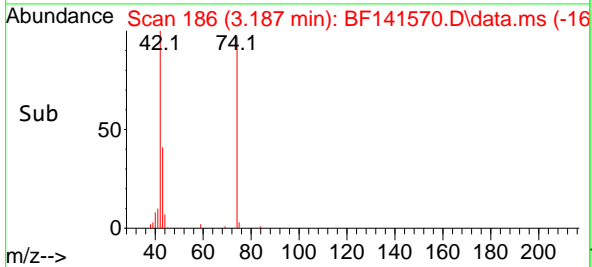
Supervised By :mohammad ahmed 02/12/2025

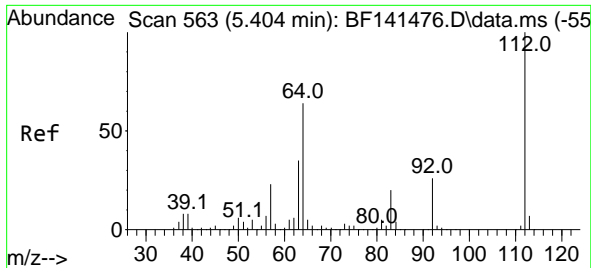


#4
n-Nitrosodimethylamine
 Concen: 22.428 ng
 RT: 3.187 min Scan# 186
 Delta R.T. 0.000 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



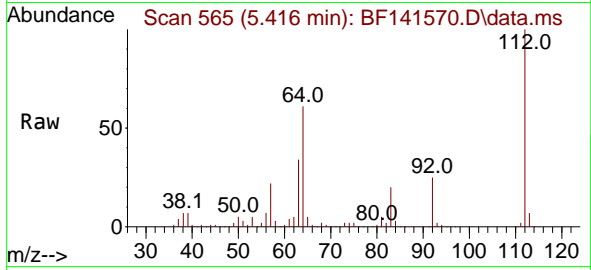
Tgt Ion: 42 Resp: 77421
 Ion Ratio Lower Upper
 42 100
 74 96.8 78.0 117.0
 44 7.3 5.4 8.2





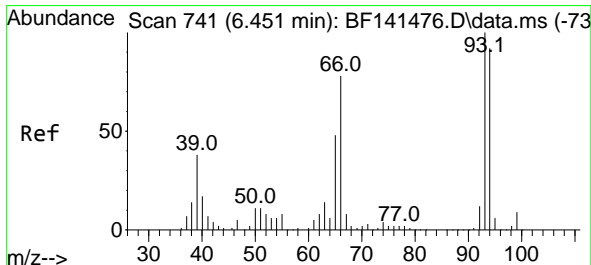
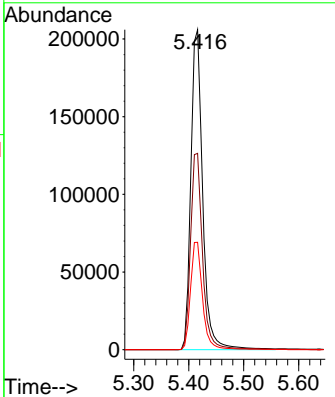
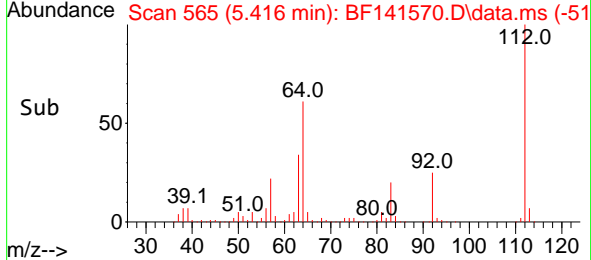
#5
 2-Fluorophenol
 Concen: 56.563 ng
 RT: 5.416 min Scan# 50
 Delta R.T. 0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS

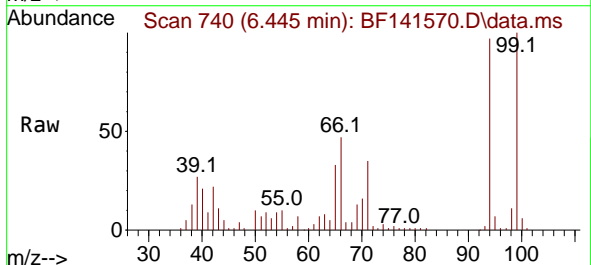


Tgt Ion: 112 Resp: 307890
 Ion Ratio Lower Upper
 112 100
 64 61.4 51.1 76.7
 63 33.6 28.4 42.6

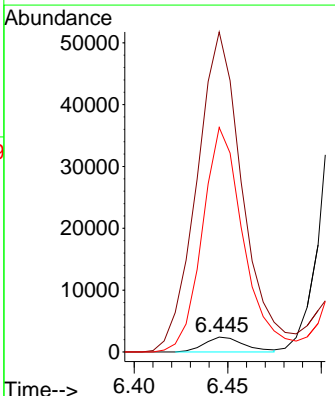
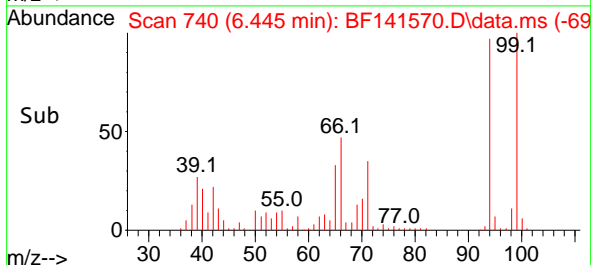
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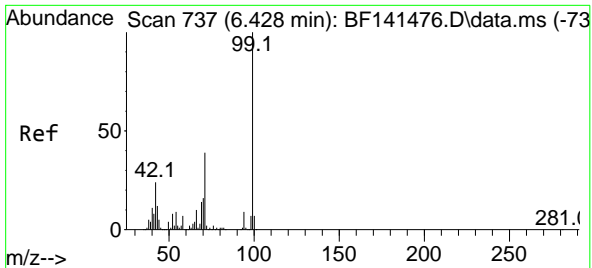


#6
 Aniline
 Concen: 0.552 ng m
 RT: 6.445 min Scan# 740
 Delta R.T. -0.018 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



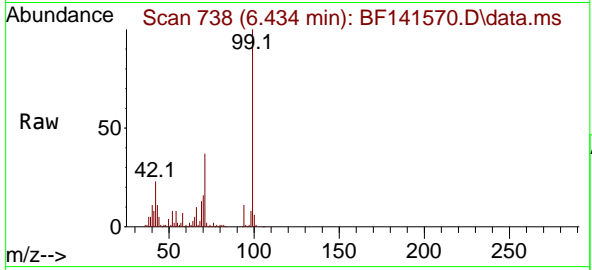
Tgt Ion: 93 Resp: 3563
 Ion Ratio Lower Upper
 93 100
 66 2145.6 62.6 94.0#
 65 1505.1 38.3 57.5#





#7
 Phenol-d6
 Concen: 55.232 ng
 RT: 6.434 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF141570.D
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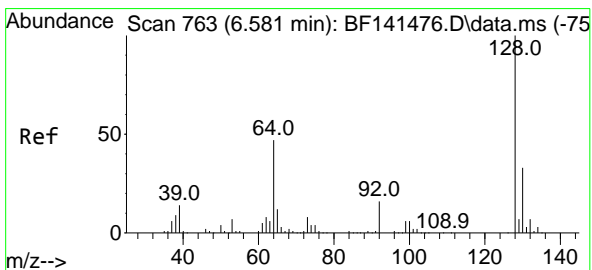
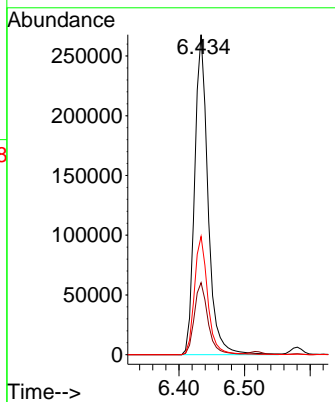
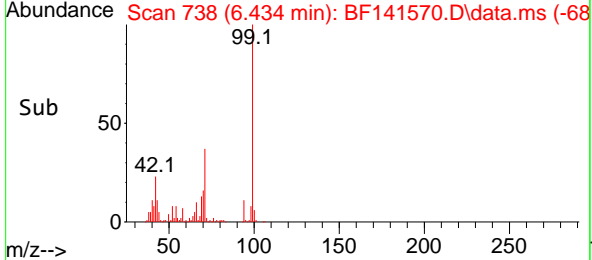
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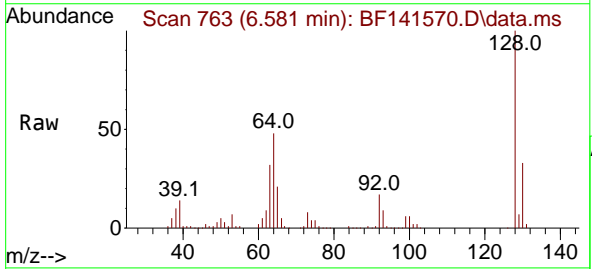
Tgt Ion: 99 Resp: 379998
 Ion Ratio Lower Upper
 99 100
 42 22.5 19.1 28.7
 71 37.0 31.1 46.7

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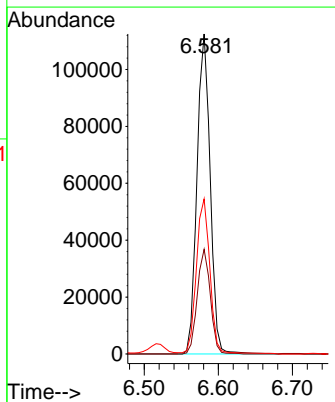
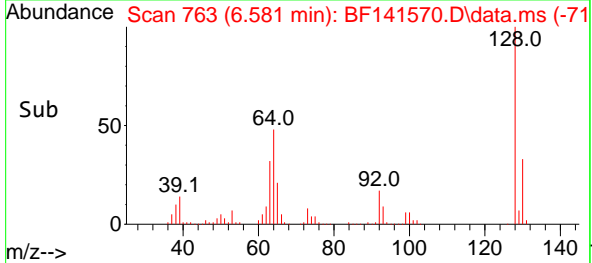
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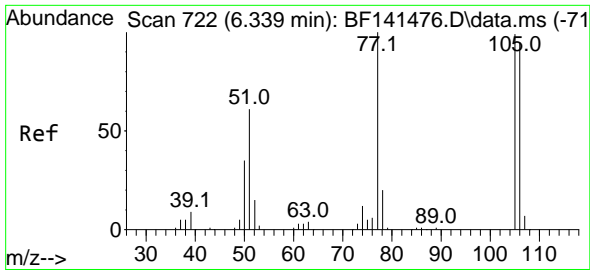


#8
 2-Chlorophenol
 Concen: 23.660 ng
 RT: 6.581 min Scan# 763
 Delta R.T. -0.006 min
 Lab File: BF141570.D
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Tgt Ion:128 Resp: 139166
 Ion Ratio Lower Upper
 128 100
 130 32.7 12.7 52.7
 64 48.5 28.3 68.3





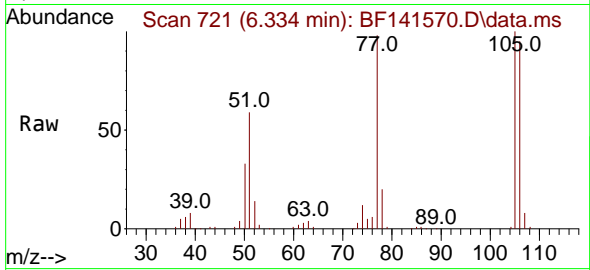
#9
 Benzaldehyde
 Concen: 20.225 ng
 RT: 6.334 min Scan# 71
 Delta R.T. -0.006 min
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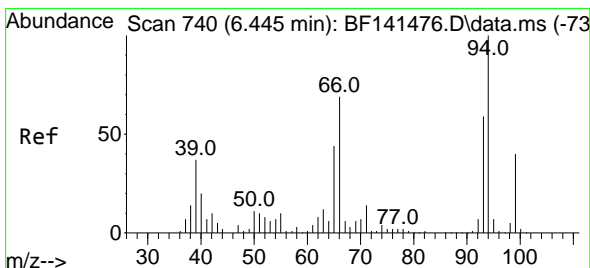
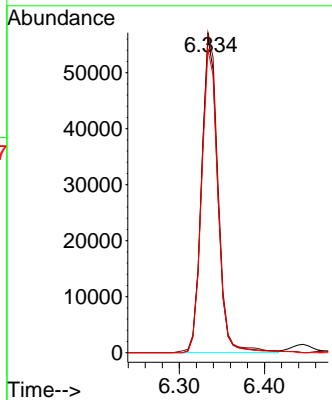
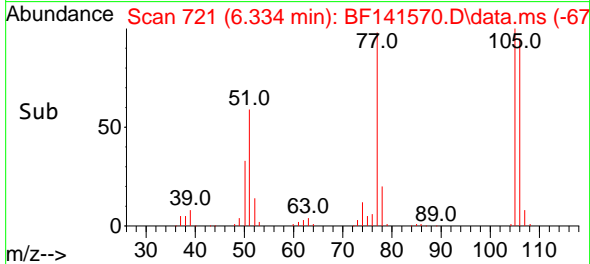


Tgt Ion: 77 Resp: 7394
 Ion Ratio Lower Upper
 77 100
 105 101.7 79.4 119.4
 106 96.5 75.1 115.1

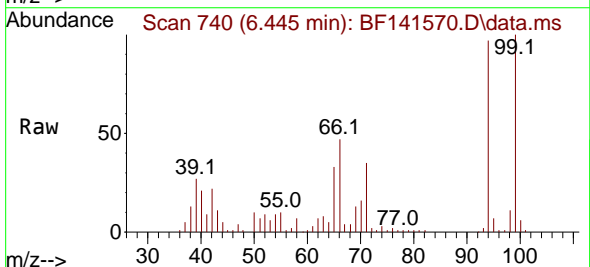
Manual Integrations

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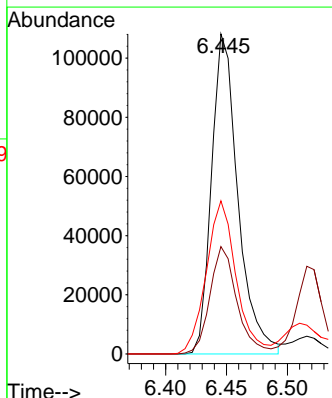
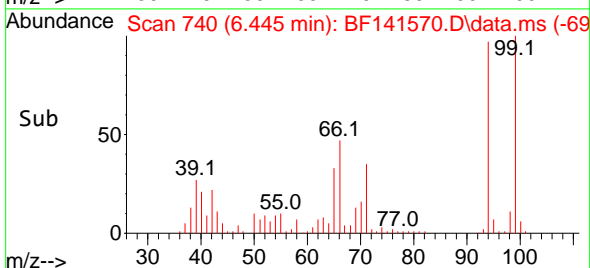
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

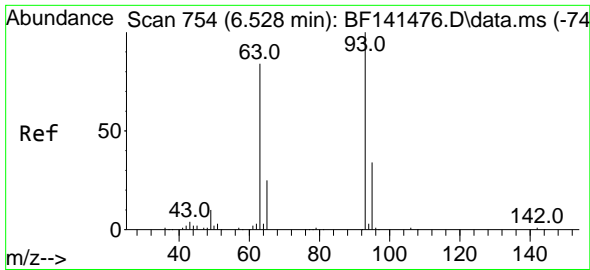


#10
 Phenol
 Concen: 22.808 ng
 RT: 6.445 min Scan# 740
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



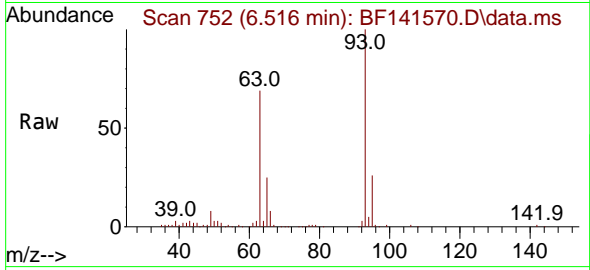
Tgt Ion: 94 Resp: 163325
 Ion Ratio Lower Upper
 94 100
 65 33.6 23.7 63.7
 66 47.8 49.3 89.3#





#11
 bis(2-Chloroethyl)ether
 Concen: 42.916 ng
 RT: 6.516 min Scan# 752
 Delta R.T. -0.018 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

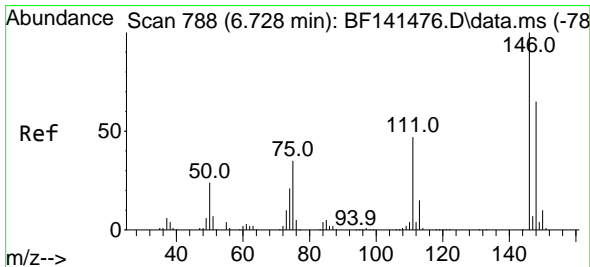
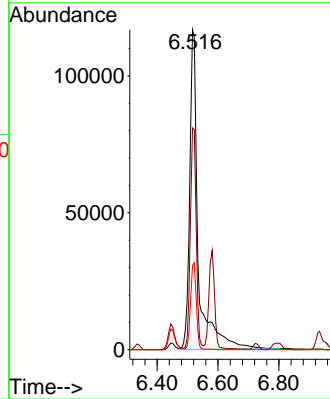
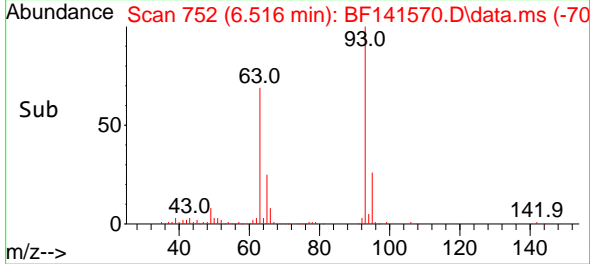
Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS



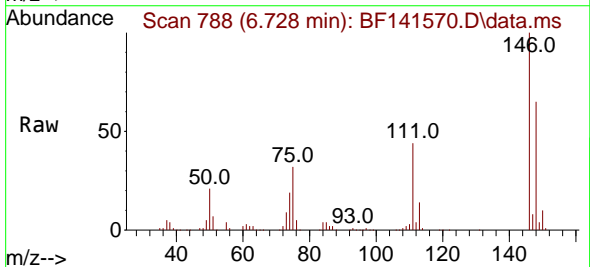
Tgt Ion: 93 Resp: 230824
 Ion Ratio Lower Upper
 93 100
 63 69.3 62.0 102.0
 95 26.4 12.6 52.6

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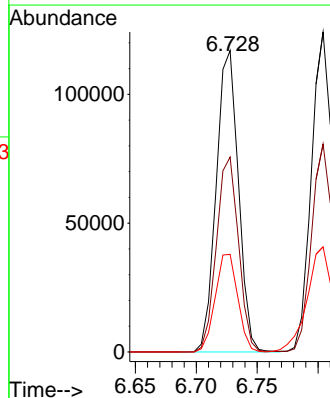
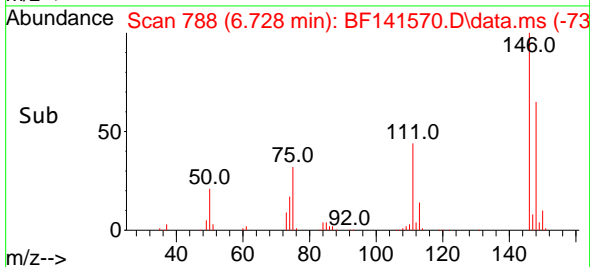
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

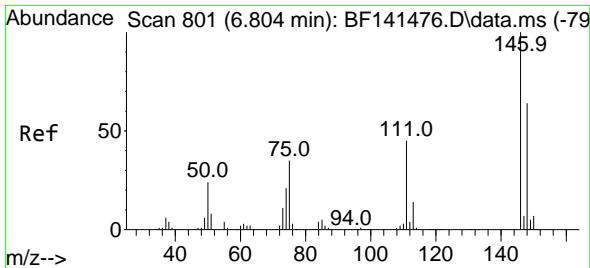


#12
 1,3-Dichlorobenzene
 Concen: 23.916 ng
 RT: 6.728 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



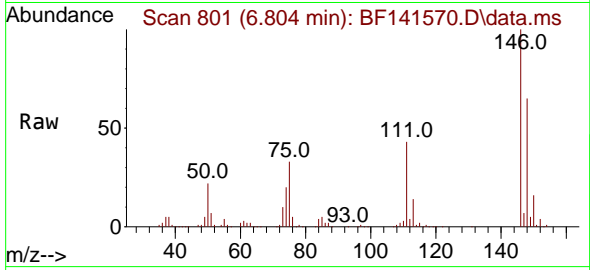
Tgt Ion:146 Resp: 148507
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.9 77.9
 75 32.4 28.2 42.2





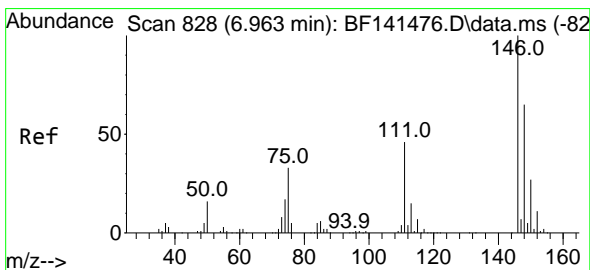
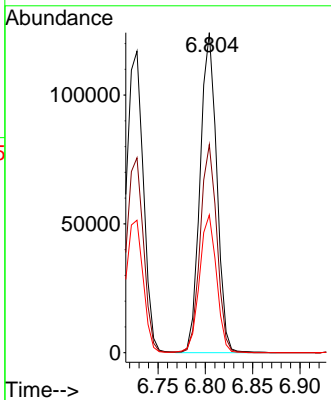
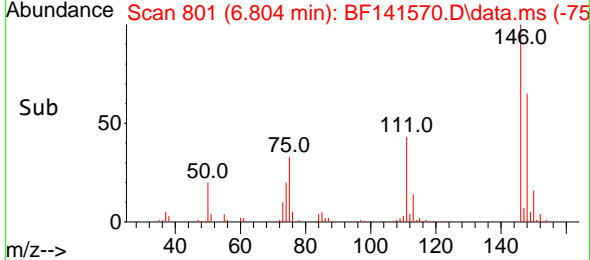
#13
 1,4-Dichlorobenzene
 Concen: 23.942 ng
 RT: 6.804 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS

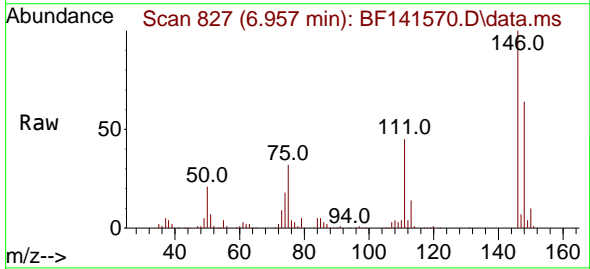


Tgt Ion:146 Resp: 15189
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.9 76.3
 111 43.1 35.9 53.9

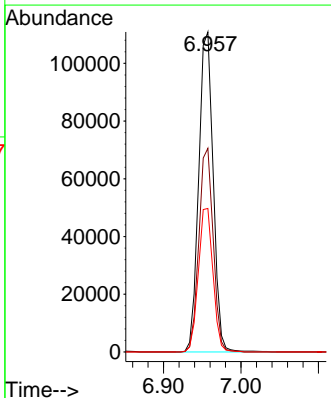
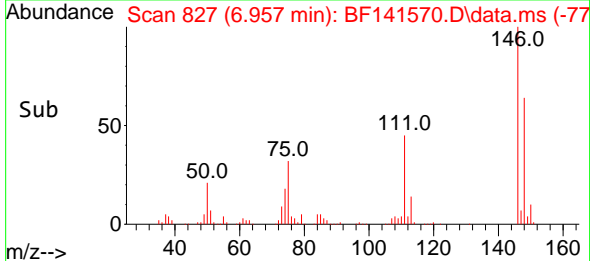
Manual Integrations
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 Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

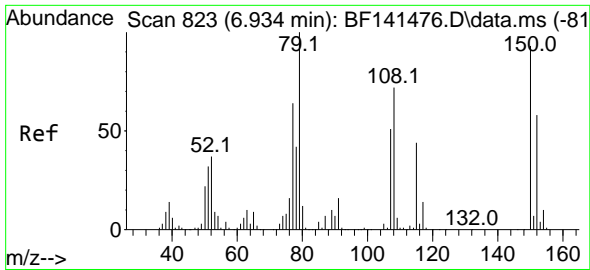


#14
 1,2-Dichlorobenzene
 Concen: 24.442 ng
 RT: 6.957 min Scan# 827
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



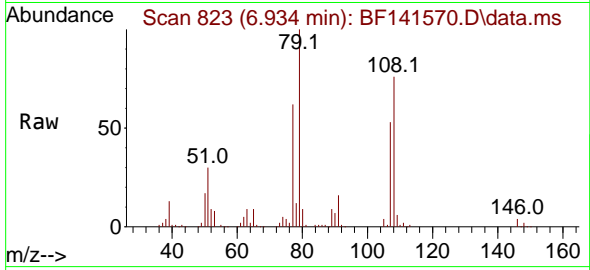
Tgt Ion:146 Resp: 143921
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.6
 111 44.8 37.0 55.4





#15
 Benzyl Alcohol
 Concen: 21.748 ng
 RT: 6.934 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

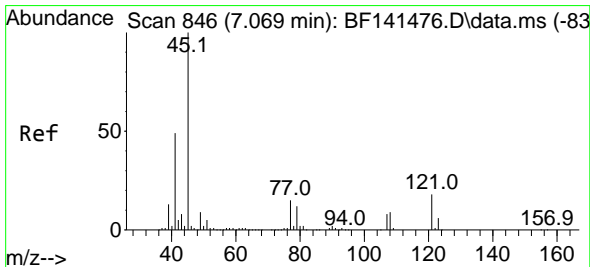
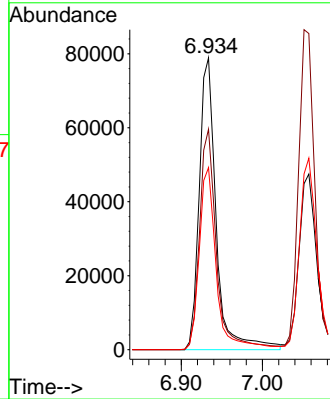
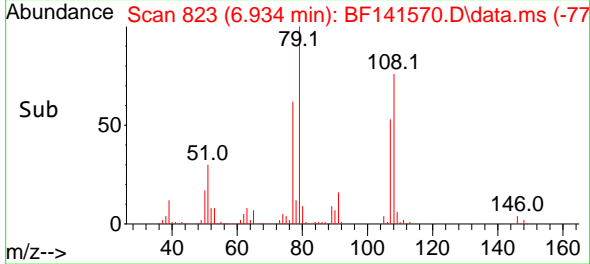
Instrument :
 BNA_F
 Client Sample Id :
 SOIL-COMPMS



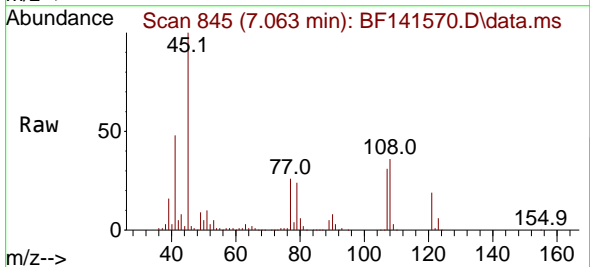
Tgt Ion: 79 Resp: 11474
 Ion Ratio Lower Upper
 79 100
 108 75.5 57.4 86.2
 77 62.4 50.9 76.3

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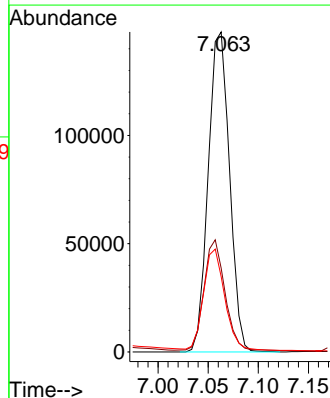
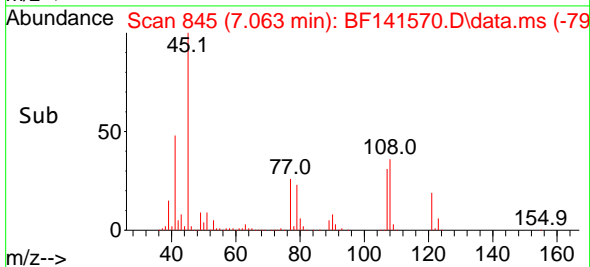
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

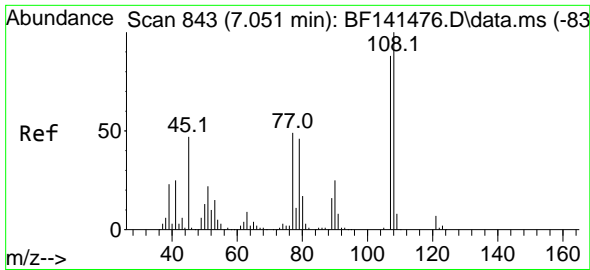


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 23.738 ng
 RT: 7.063 min Scan# 845
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



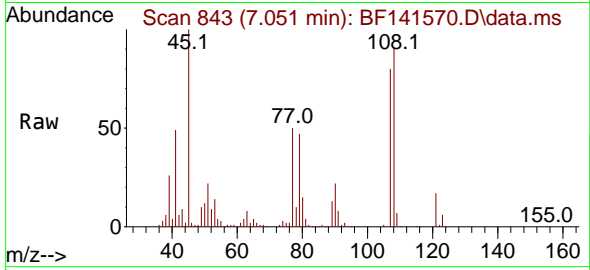
Tgt Ion: 45 Resp: 218555
 Ion Ratio Lower Upper
 45 100
 77 26.2 0.0 35.8
 79 23.5 0.0 32.7





#17
 2-Methylphenol
 Concen: 23.364 ng
 RT: 7.051 min Scan# 843
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument : BNA_F
 ClientSampleId : SOIL-COMPMS

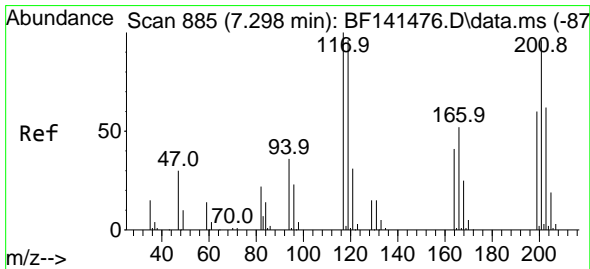
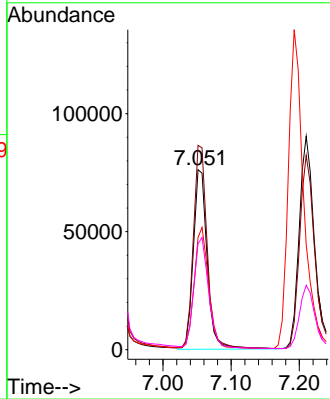
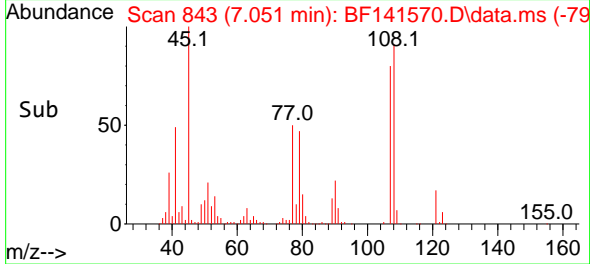


Tgt Ion:107 Resp: 107540

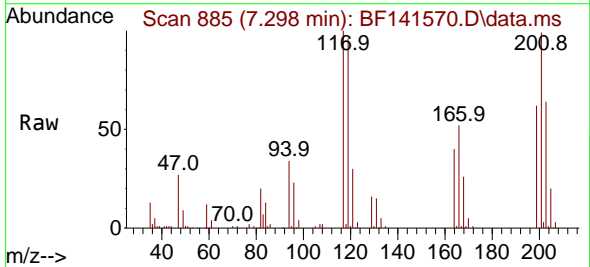
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.6	136.0
77	62.3	44.4	66.6
79	58.8	42.3	63.5

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 Supervised By :mohammad ahmed 02/12/2025

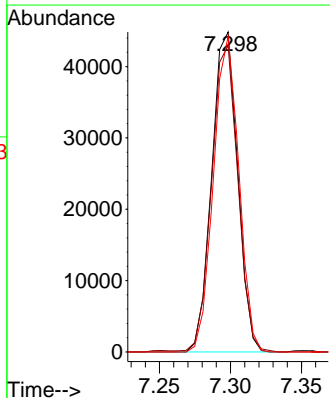
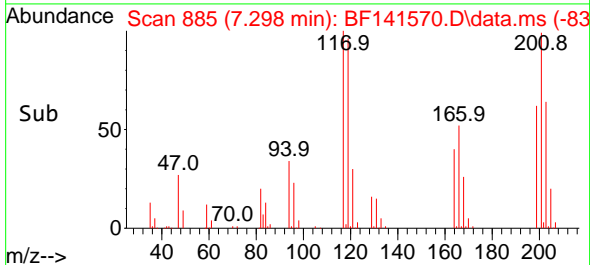


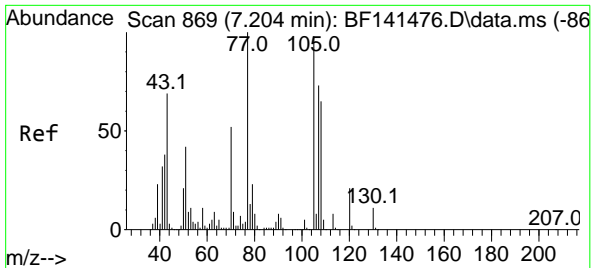
#18
 Hexachloroethane
 Concen: 24.229 ng
 RT: 7.298 min Scan# 885
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:117 Resp: 56889

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.5	114.7
201	98.6	76.7	115.1





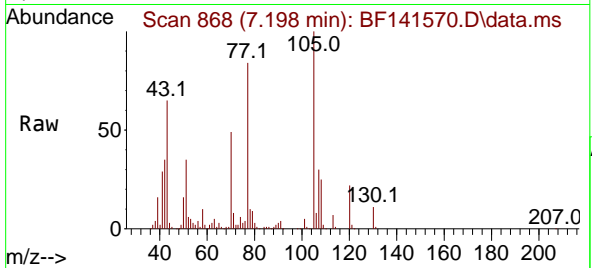
#19
 n-Nitroso-di-n-propylamine
 Concen: 23.553 ng
 RT: 7.198 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

Client Sample Id :

SOIL-COMPMS

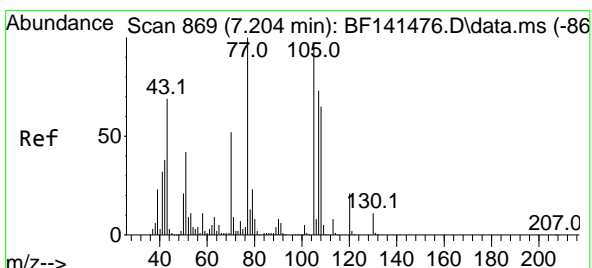
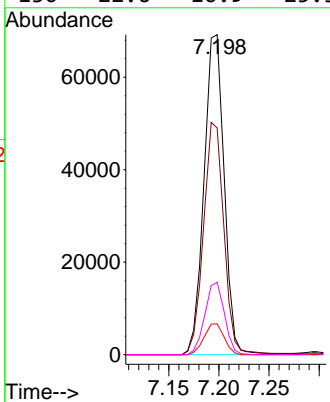
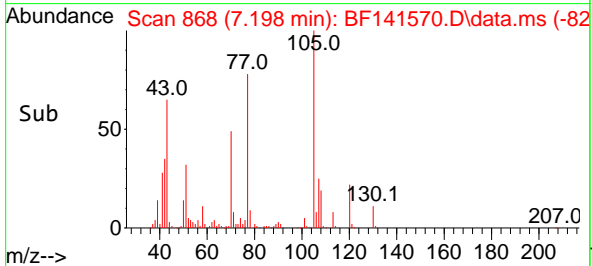


Tgt Ion: 70 Resp: 96930
 Ion Ratio Lower Upper
 70 100
 42 70.8 57.4 86.2
 101 9.6 8.0 12.0
 130 22.6 16.9 25.3

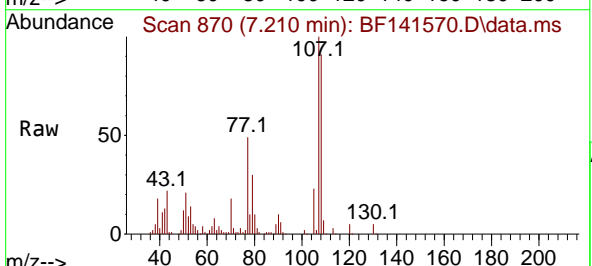
Manual Integrations

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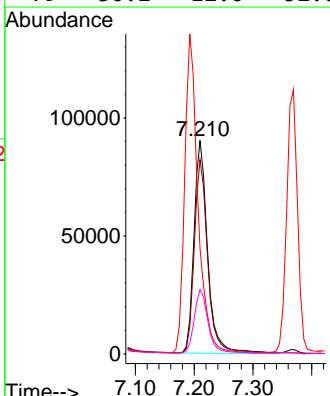
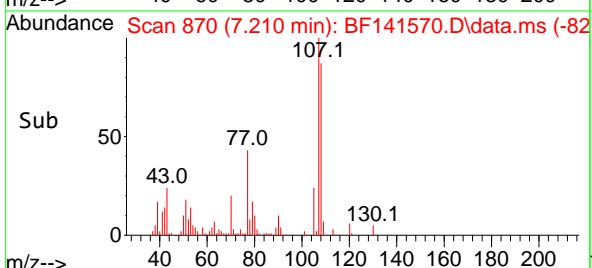
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

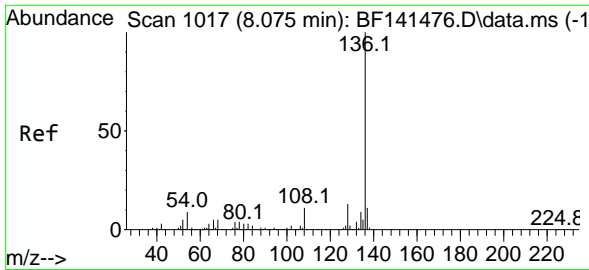


#20
 3+4-Methylphenols
 Concen: 24.893 ng
 RT: 7.210 min Scan# 870
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:107 Resp: 145614
 Ion Ratio Lower Upper
 107 100
 108 91.0 68.5 108.5
 77 49.4 116.5 156.5#
 79 30.2 12.0 52.0





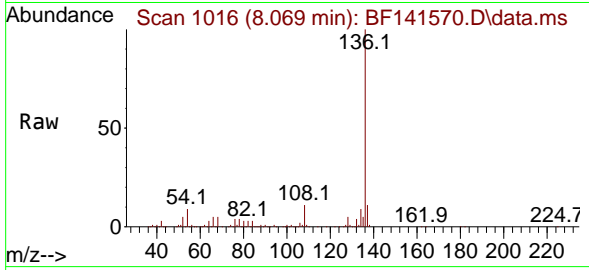
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.069 min Scan# 1016
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS



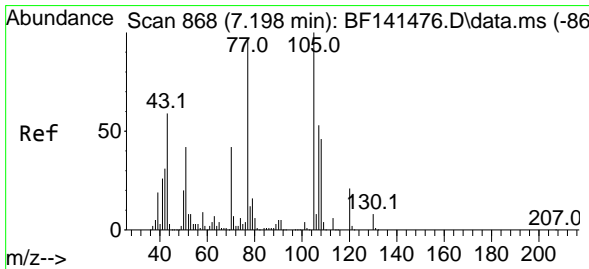
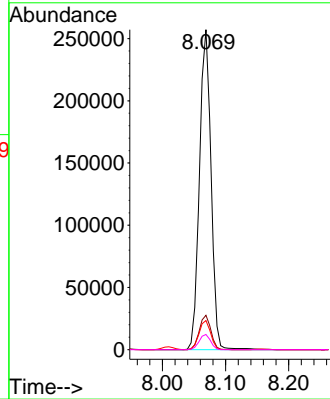
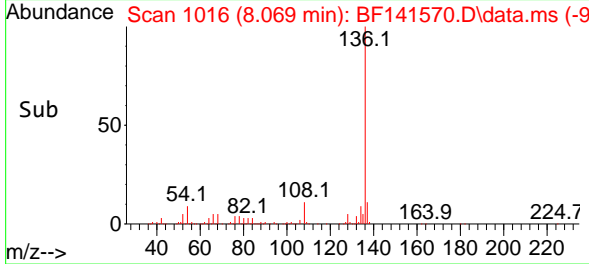
Tgt Ion:136 Resp: 326420
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.6 13.0
 54 9.1 7.2 10.8
 68 4.8 3.7 5.5

Manual Integrations

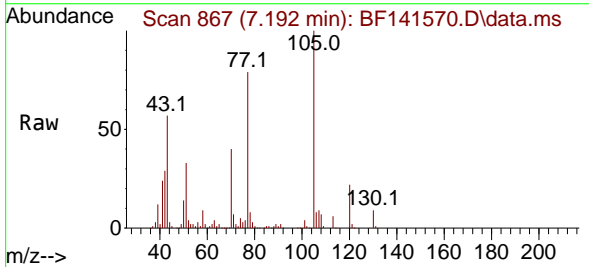
APPROVED

Reviewed By :Yogesh Patel 02/12/2025

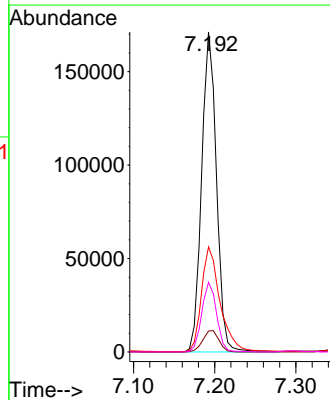
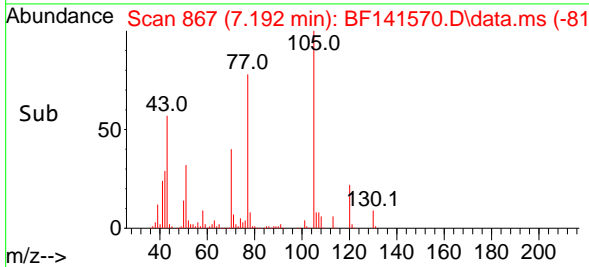
Supervised By :mohammad ahmed 02/12/2025

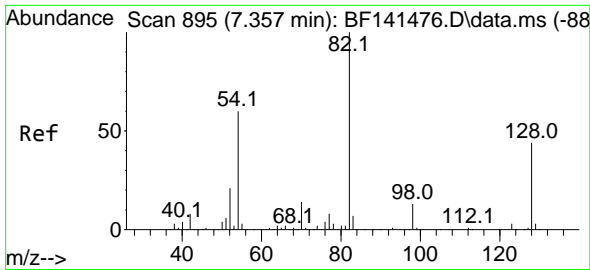


#22
 Acetophenone
 Concen: 26.773 ng
 RT: 7.192 min Scan# 867
 Delta R.T. -0.018 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:105 Resp: 217397
 Ion Ratio Lower Upper
 105 100
 71 6.5 5.7 8.5
 51 32.8 33.7 50.5#
 120 21.8 17.0 25.6





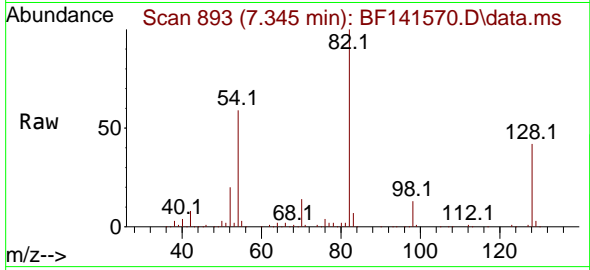
#23
 Nitrobenzene-d5
 Concen: 40.023 ng
 RT: 7.345 min Scan# 891
 Delta R.T. -0.018 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS



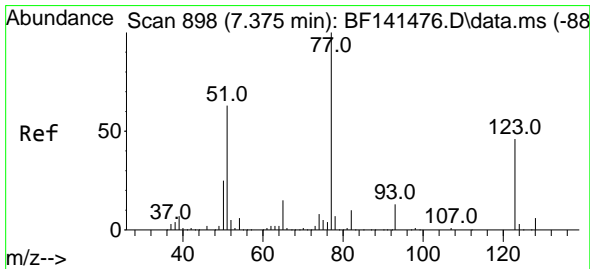
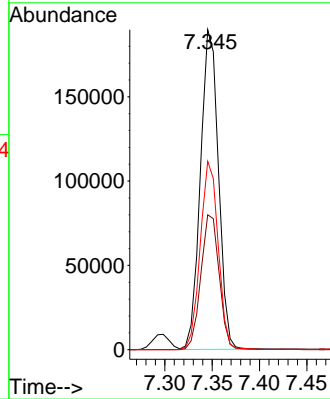
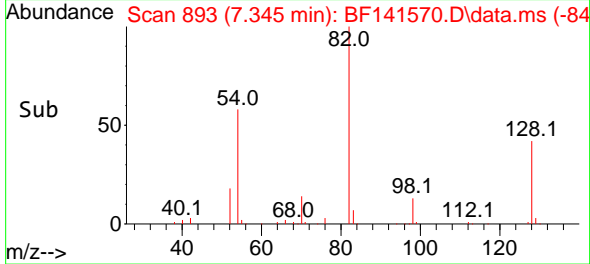
Tgt Ion: 82 Resp: 250472
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.8 52.2
 54 58.8 48.2 72.4

Manual Integrations

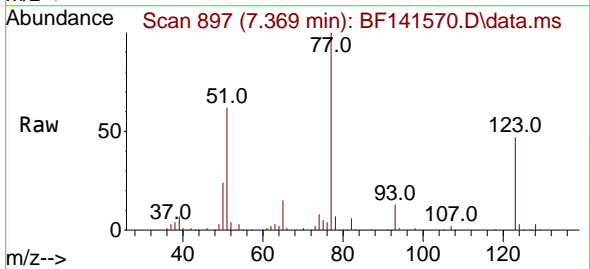
APPROVED

Reviewed By :Yogesh Patel 02/12/2025

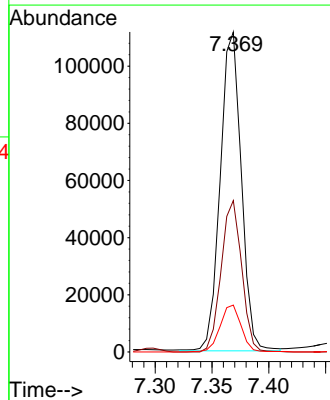
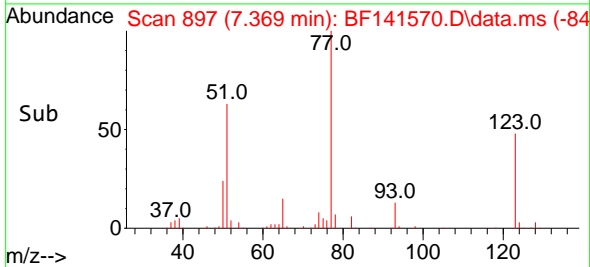
Supervised By :mohammad ahmed 02/12/2025

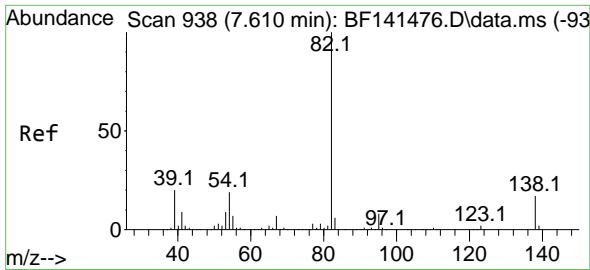


#24
 Nitrobenzene
 Concen: 23.607 ng
 RT: 7.369 min Scan# 897
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



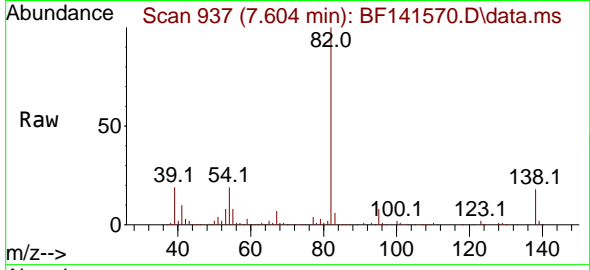
Tgt Ion: 77 Resp: 144065
 Ion Ratio Lower Upper
 77 100
 123 47.3 36.9 55.3
 65 14.6 11.9 17.9





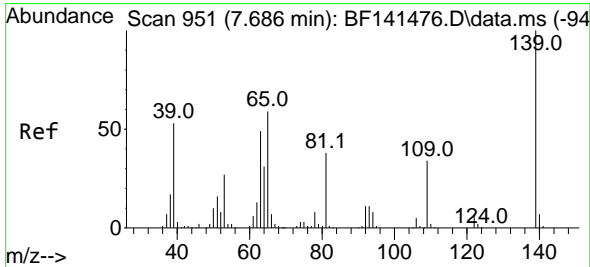
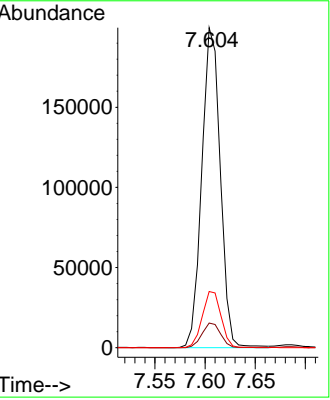
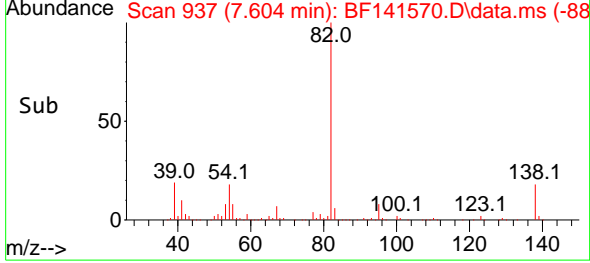
#25
 Isophorone
 Concen: 25.686 ng
 RT: 7.604 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS

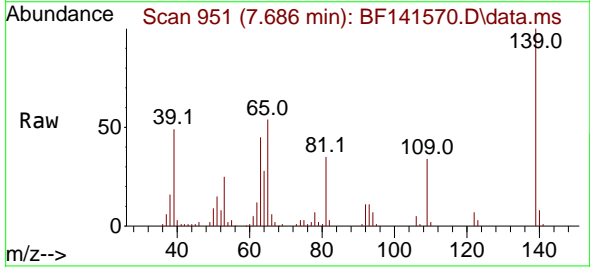


Tgt Ion: 82 Resp: 25630
 Ion Ratio Lower Upper
 82 100
 95 7.7 6.4 9.6
 138 17.6 13.9 20.9

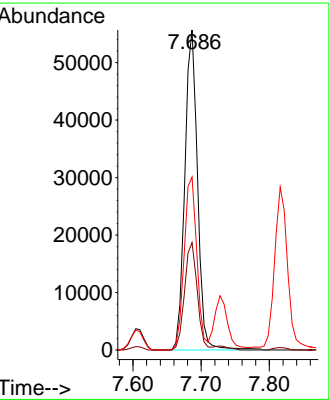
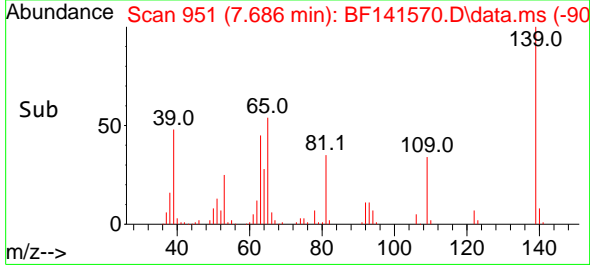
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

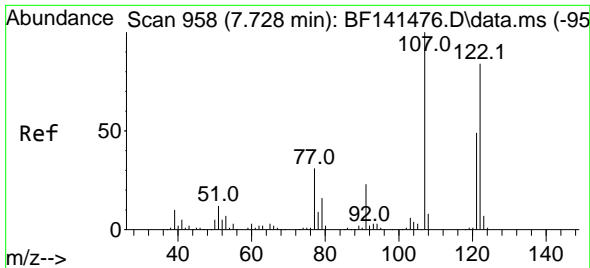


#26
 2-Nitrophenol
 Concen: 23.720 ng
 RT: 7.686 min Scan# 951
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:139 Resp: 72017
 Ion Ratio Lower Upper
 139 100
 109 33.5 27.0 40.6
 65 54.1 47.1 70.7





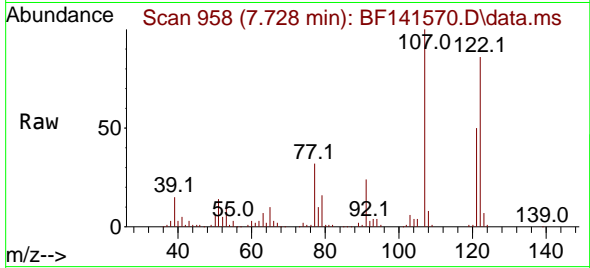
#27
 2,4-Dimethylphenol
 Concen: 30.743 ng
 RT: 7.728 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

Client Sample Id :

SOIL-COMPMS

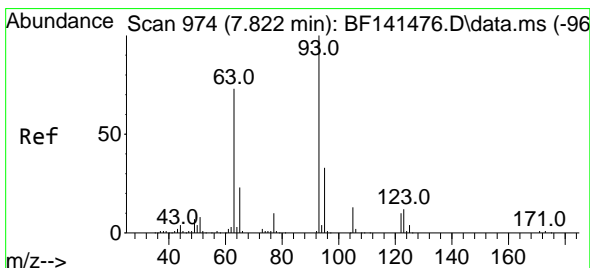
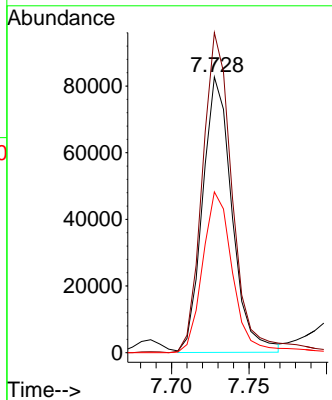
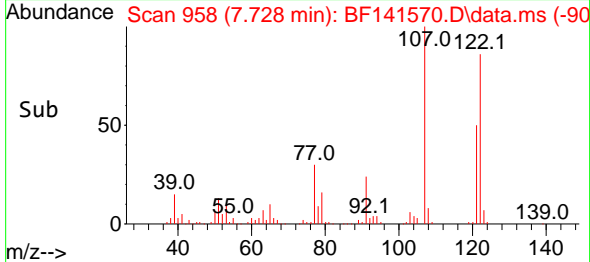


Tgt Ion:122 Resp: 10904
 Ion Ratio Lower Upper
 122 100
 107 116.1 94.3 141.5
 121 58.4 46.0 69.0

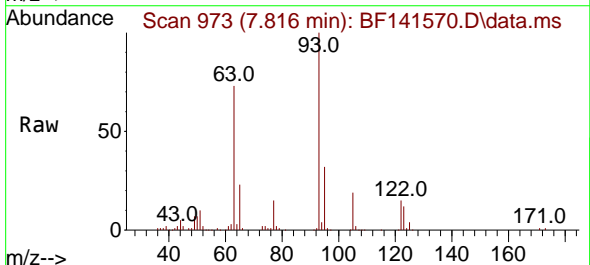
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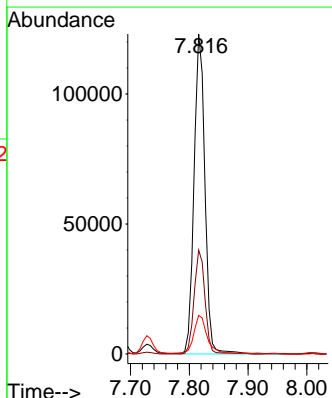
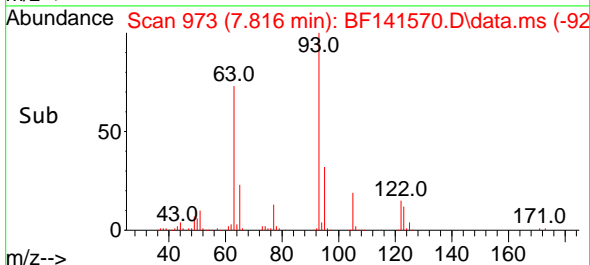
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

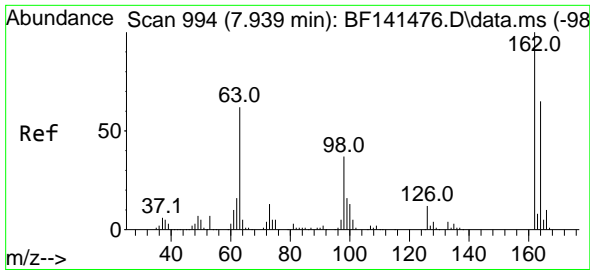


#28
 bis(2-Chloroethoxy)methane
 Concen: 24.765 ng
 RT: 7.816 min Scan# 973
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion: 93 Resp: 158350
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.1 39.1
 123 12.0 9.5 14.3





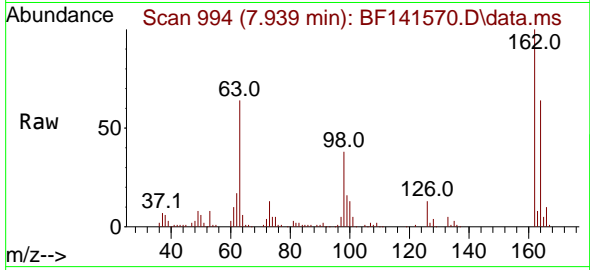
#29
 2,4-Dichlorophenol
 Concen: 23.885 ng
 RT: 7.939 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

Client Sample Id :

SOIL-COMPMS



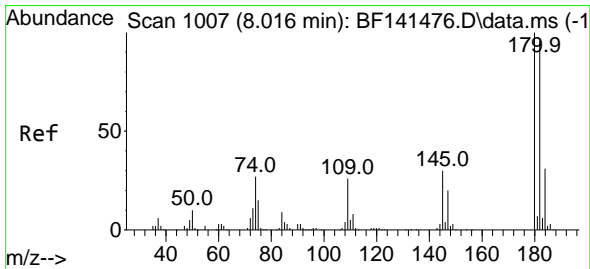
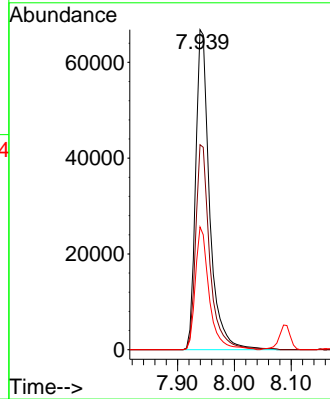
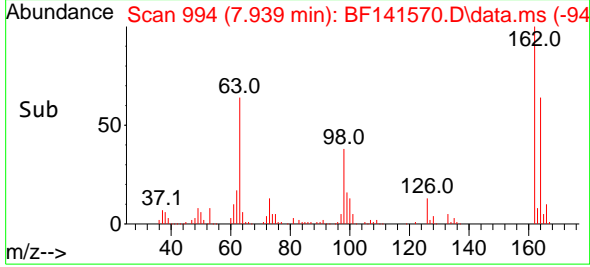
Tgt Ion:162 Resp: 114460
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.6 84.6
 98 38.4 17.2 57.2

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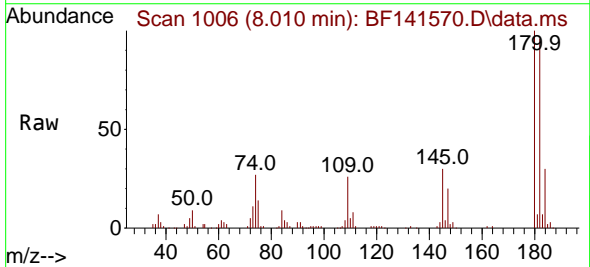
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Reviewed By :Yogesh Patel 02/12/2025

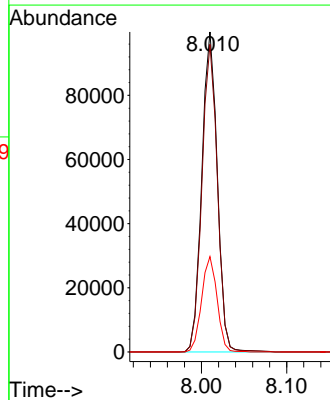
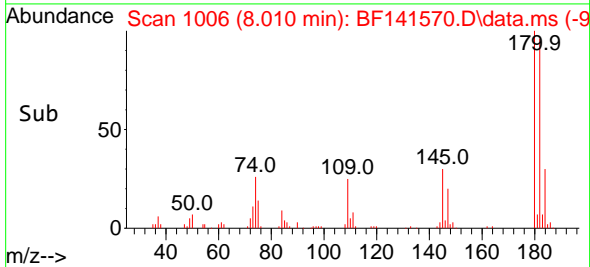
Supervised By :mohammad ahmed 02/12/2025

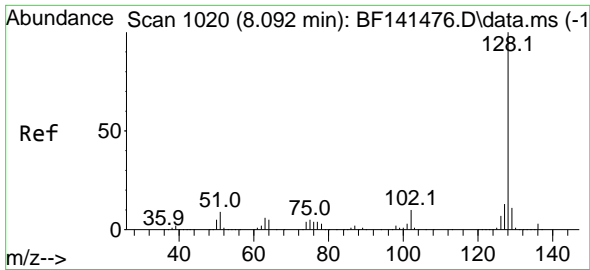


#30
 1,2,4-Trichlorobenzene
 Concen: 24.094 ng
 RT: 8.010 min Scan# 1006
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:180 Resp: 125739
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.8 115.2
 145 29.8 24.2 36.4





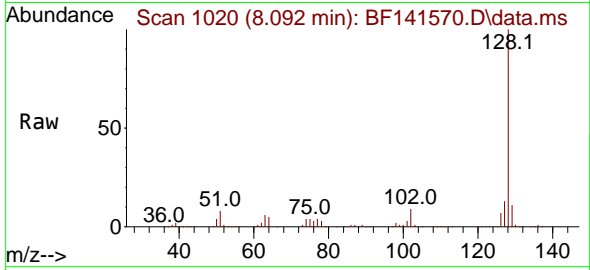
#31
 Naphthalene
 Concen: 24.671 ng
 RT: 8.092 min Scan# 1020
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS



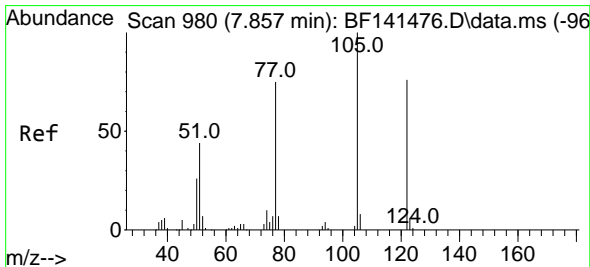
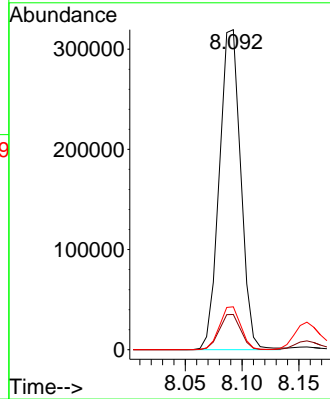
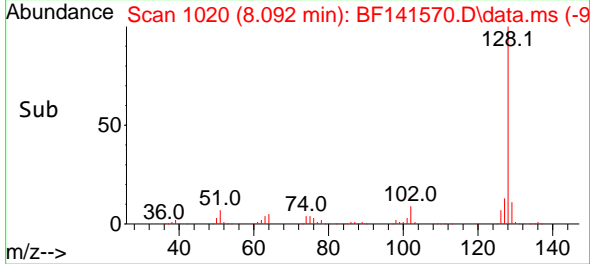
Tgt Ion:128 Resp: 419200
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.9 13.3
 127 13.4 10.7 16.1

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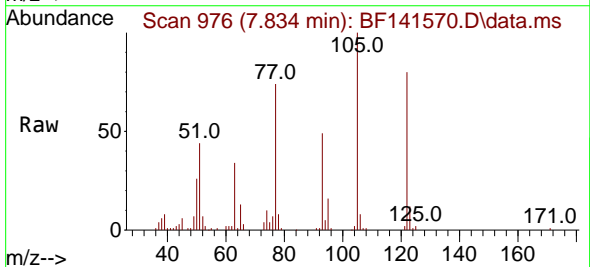
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Reviewed By :Yogesh Patel 02/12/2025

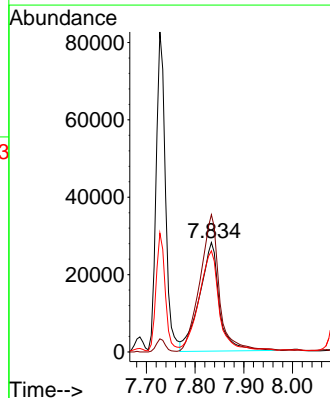
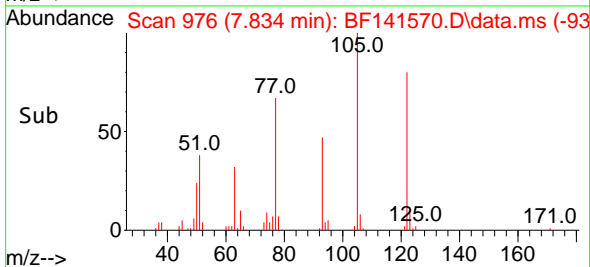
Supervised By :mohammad ahmed 02/12/2025

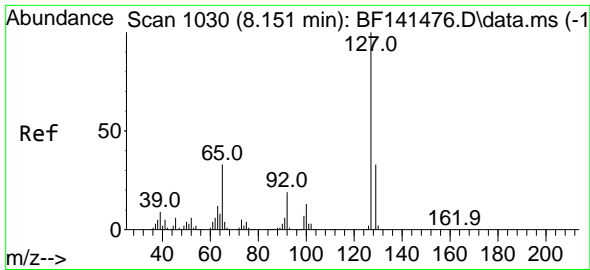


#32
 Benzoic acid
 Concen: 21.630 ng
 RT: 7.834 min Scan# 976
 Delta R.T. -0.059 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



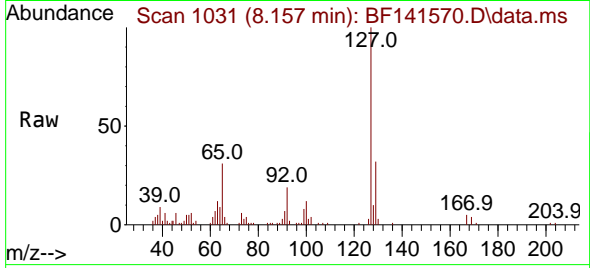
Tgt Ion:122 Resp: 79688
 Ion Ratio Lower Upper
 122 100
 105 125.3 106.5 146.5
 77 92.4 76.3 116.3





#33
 4-Chloroaniline
 Concen: 8.179 ng
 RT: 8.157 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS

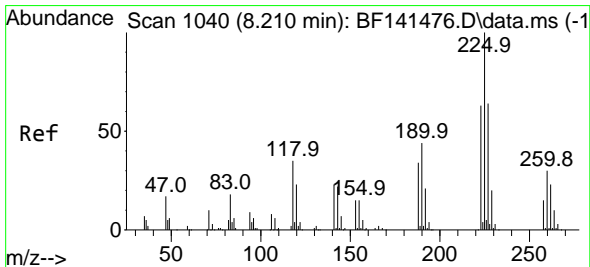
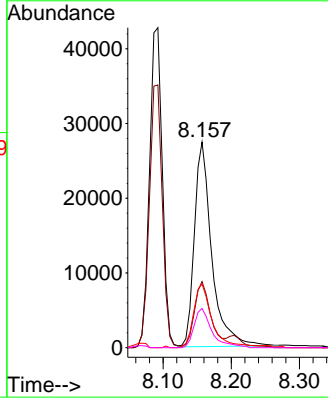
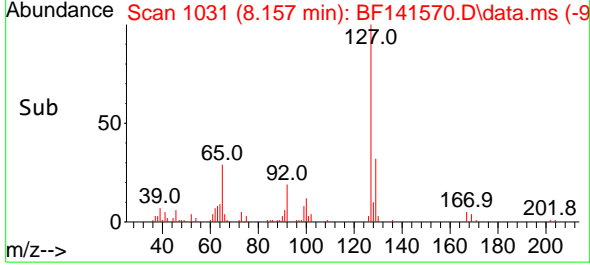


Tgt Ion: 127 Resp: 4852

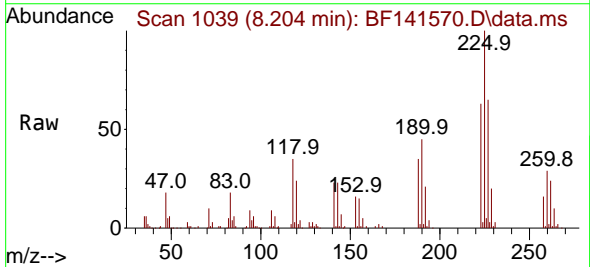
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	31.0	26.4	39.6
92	19.1	15.3	22.9

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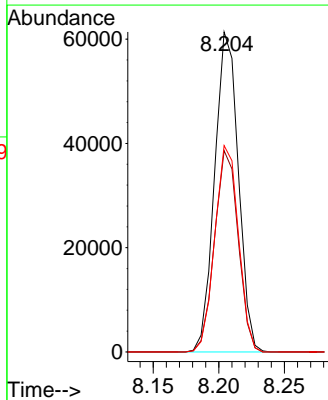
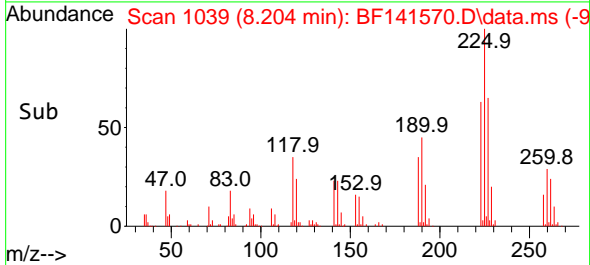


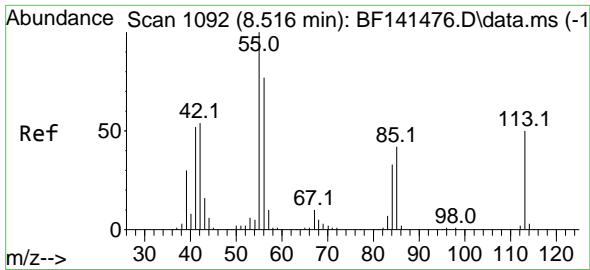
#34
 Hexachlorobutadiene
 Concen: 24.551 ng
 RT: 8.204 min Scan# 1039
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion: 225 Resp: 76918

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.1	75.1
227	64.5	51.0	76.6





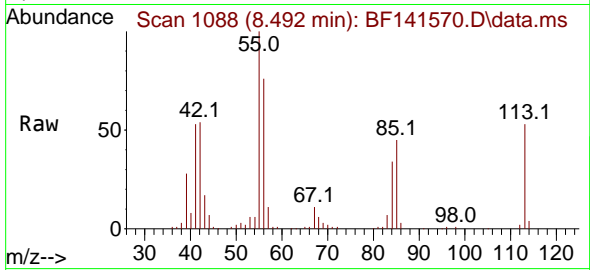
#35
 Caprolactam
 Concen: 26.220 ng
 RT: 8.492 min Scan# 1092
 Delta R.T. -0.053 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

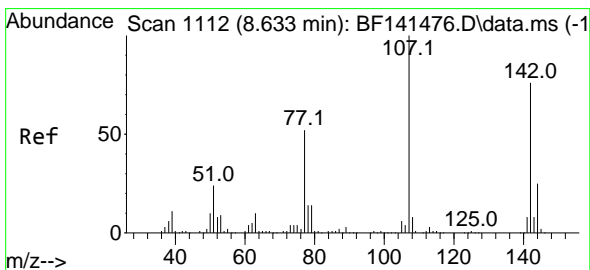
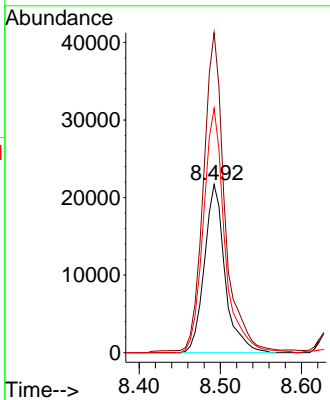
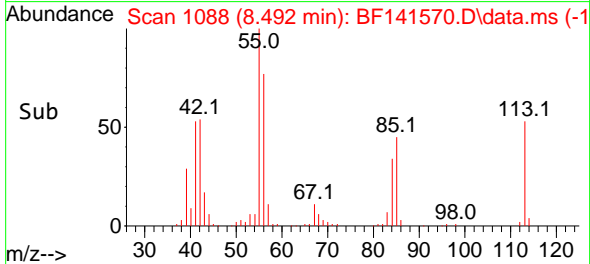


Tgt Ion:113 Resp: 38258
 Ion Ratio Lower Upper
 113 100
 55 190.2 180.8 220.8
 56 145.2 133.6 173.6

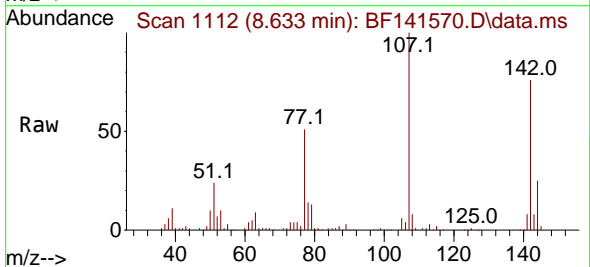
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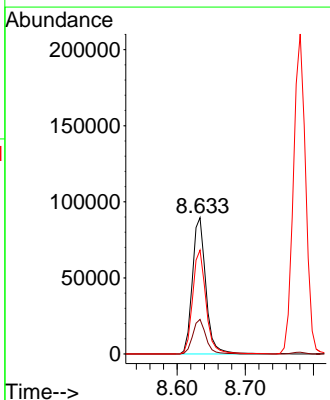
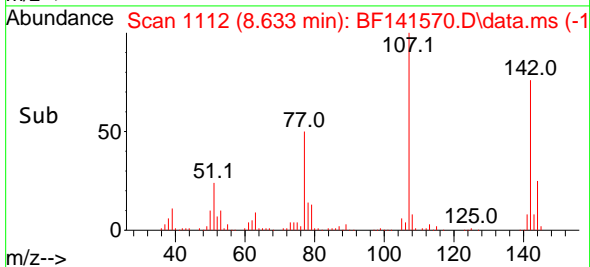
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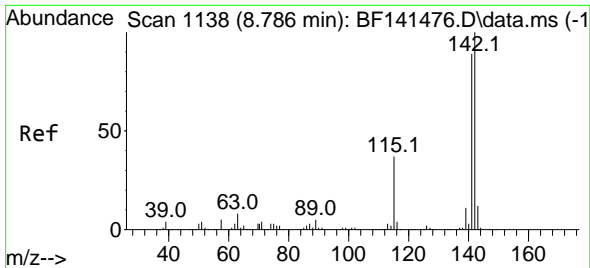


#36
 4-Chloro-3-methylphenol
 Concen: 23.245 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:107 Resp: 123395
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.7 29.5
 142 76.2 60.8 91.2





#37
 2-Methylnaphthalene
 Concen: 23.745 ng
 RT: 8.781 min Scan# 1137
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

ClientSampleId :

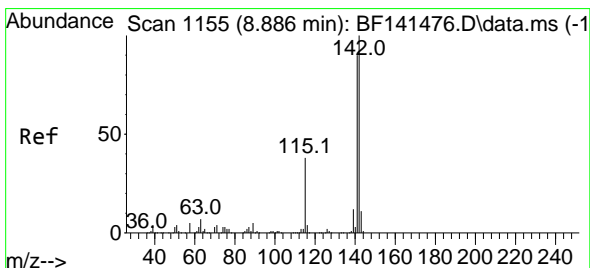
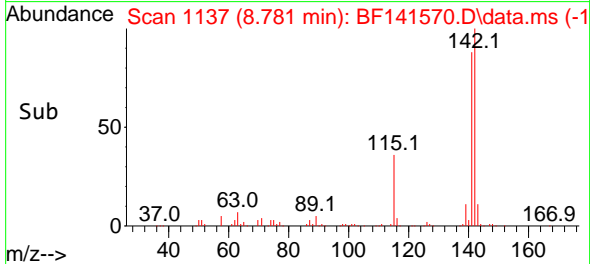
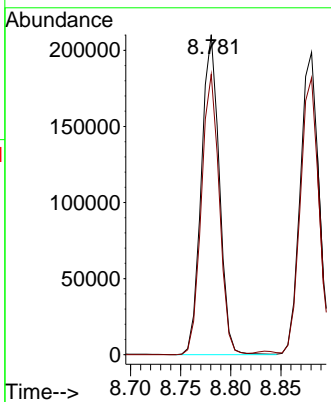
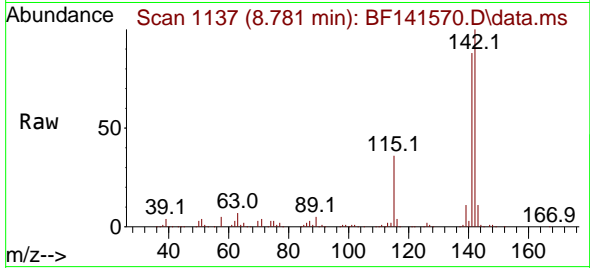
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Tgt Ion:142 Resp: 26254
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.2 106.8

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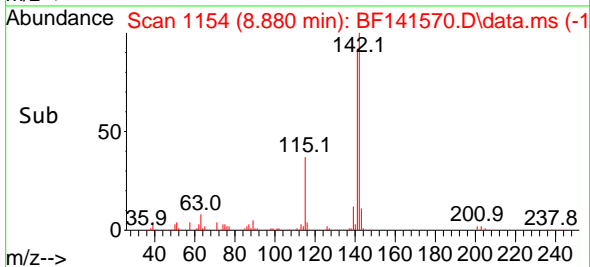
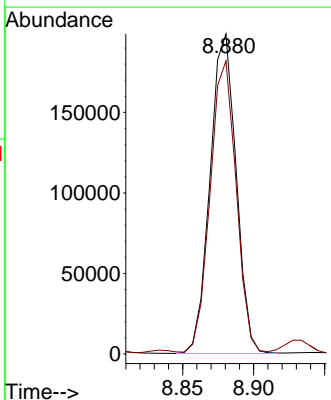
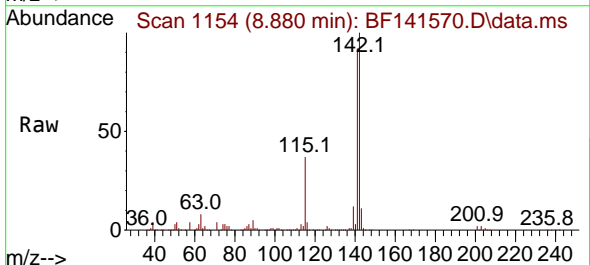
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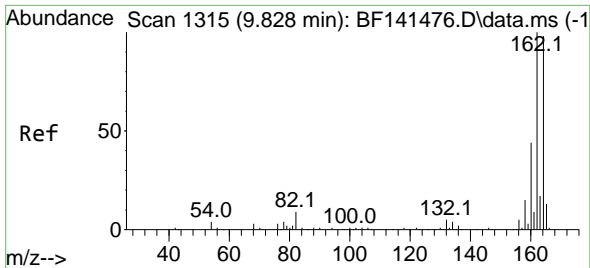
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025



#38
 1-Methylnaphthalene
 Concen: 23.652 ng
 RT: 8.880 min Scan# 1154
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

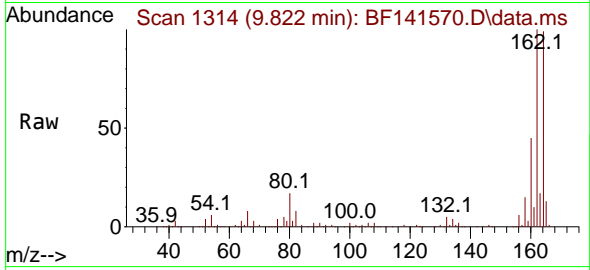
Tgt Ion:142 Resp: 253289
 Ion Ratio Lower Upper
 142 100
 141 91.5 72.1 108.1





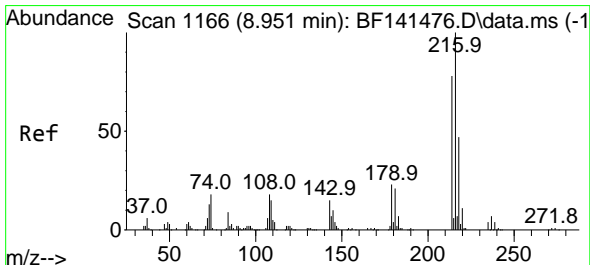
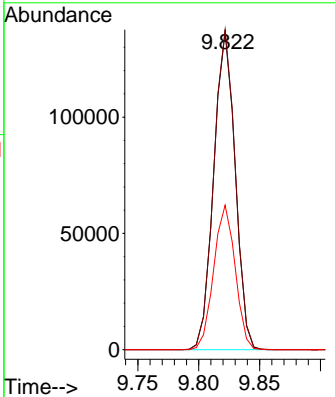
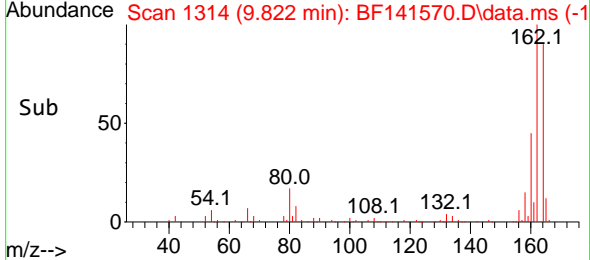
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.822 min Scan# 1165
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS

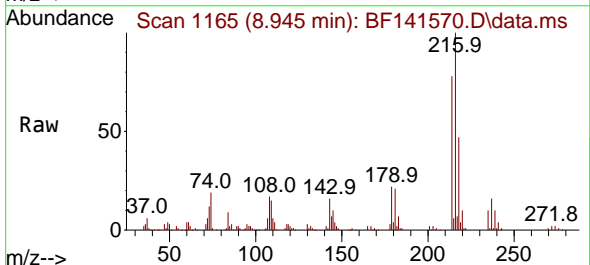


Tgt Ion:164 Resp: 16724
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.3 121.9
 160 45.5 35.9 53.9

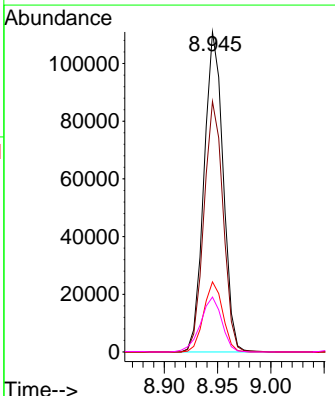
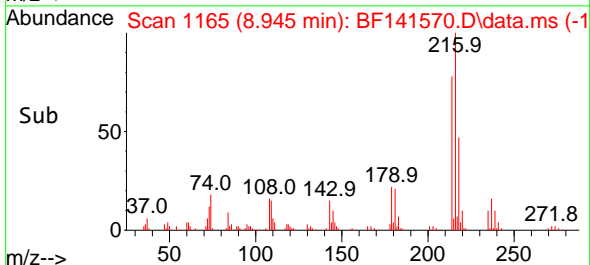
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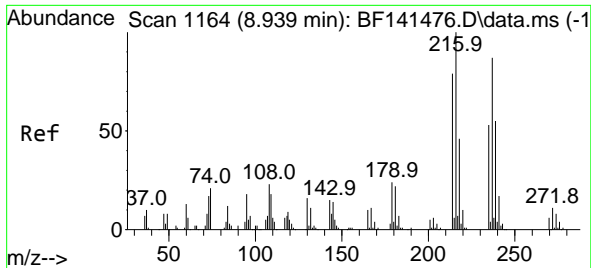


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.556 ng
 RT: 8.945 min Scan# 1165
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



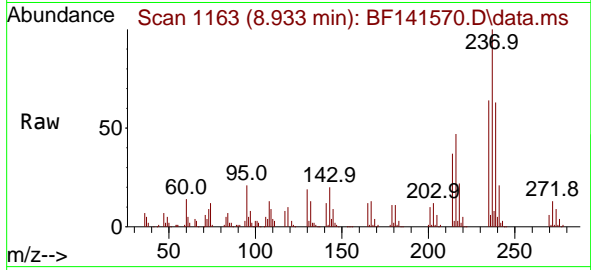
Tgt Ion:216 Resp: 138168
 Ion Ratio Lower Upper
 216 100
 214 78.5 62.3 93.5
 179 21.9 18.0 27.0
 108 19.1 15.0 22.6





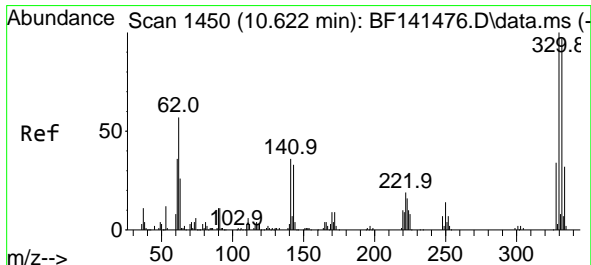
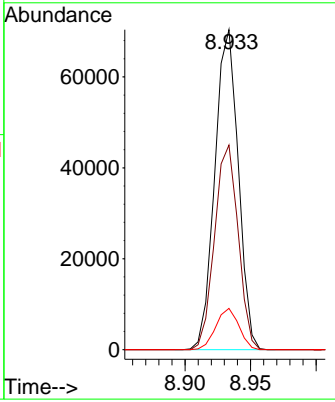
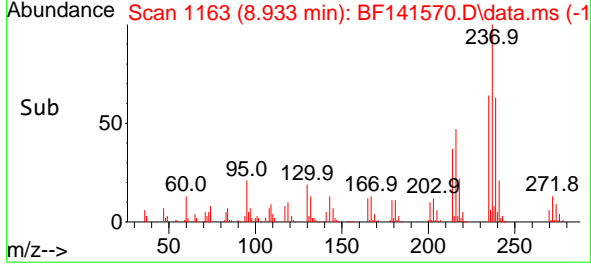
#41
 Hexachlorocyclopentadiene
 Concen: 54.434 ng
 RT: 8.933 min Scan# 1163
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS

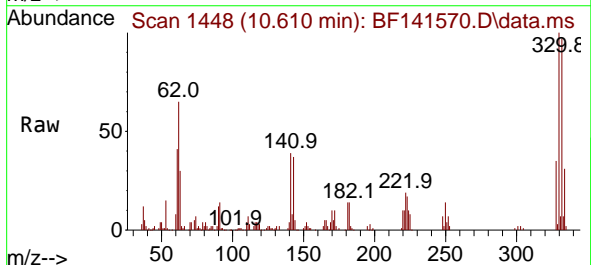


Tgt Ion: 237 Resp: 8760
 Ion Ratio Lower Upper
 237 100
 235 63.9 41.4 81.4
 272 12.9 0.0 32.4

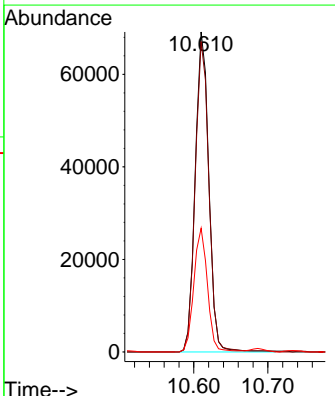
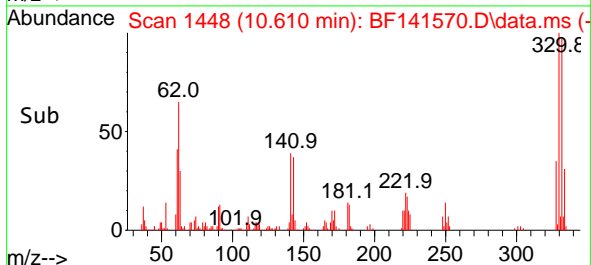
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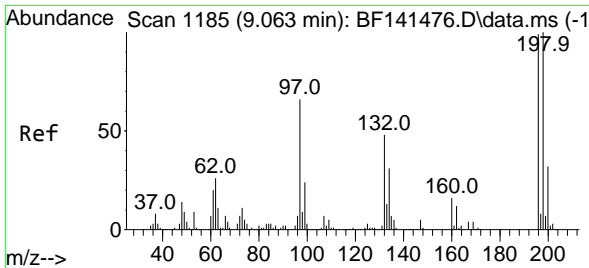


#42
 2,4,6-Tribromophenol
 Concen: 52.542 ng
 RT: 10.610 min Scan# 1448
 Delta R.T. -0.018 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



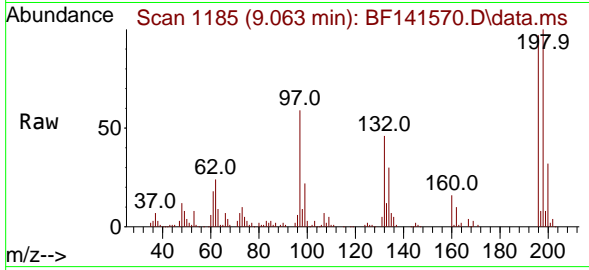
Tgt Ion: 330 Resp: 88273
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.5 117.7
 141 38.6 31.0 46.4





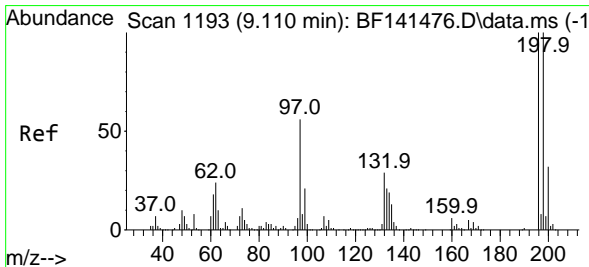
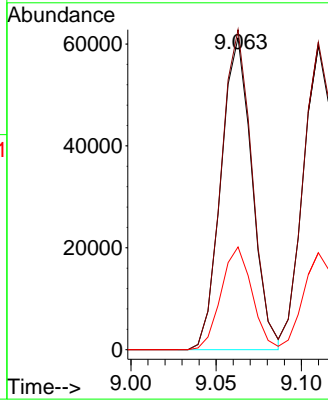
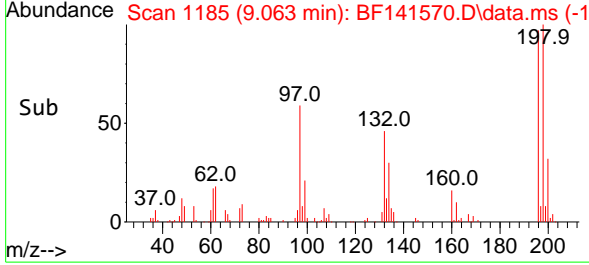
#43
 2,4,6-Trichlorophenol
 Concen: 24.782 ng
 RT: 9.063 min Scan# 1185
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS

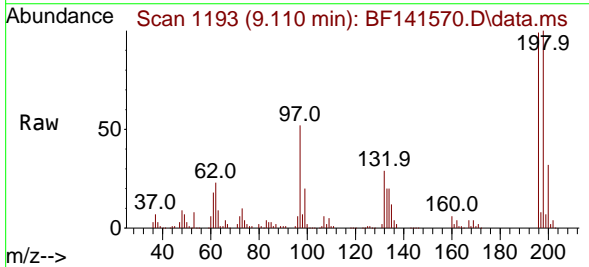


Tgt Ion:196 Resp: 77499
 Ion Ratio Lower Upper
 196 100
 198 102.6 80.6 121.0
 200 32.9 25.5 38.3

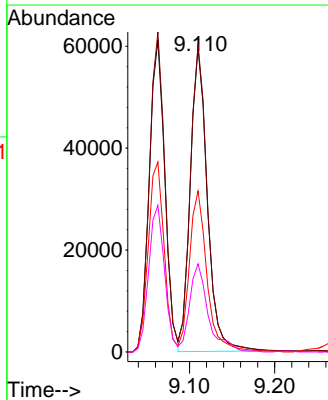
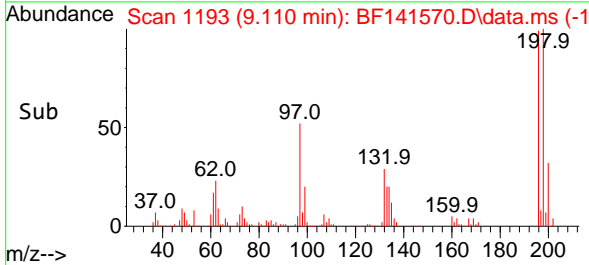
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

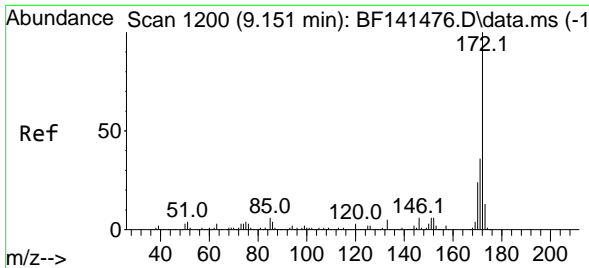


#44
 2,4,5-Trichlorophenol
 Concen: 24.496 ng
 RT: 9.110 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



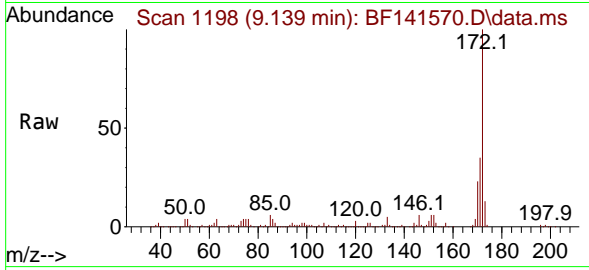
Tgt Ion:196 Resp: 83022
 Ion Ratio Lower Upper
 196 100
 198 101.2 79.8 119.8
 97 53.0 44.8 67.2
 132 29.0 23.9 35.9





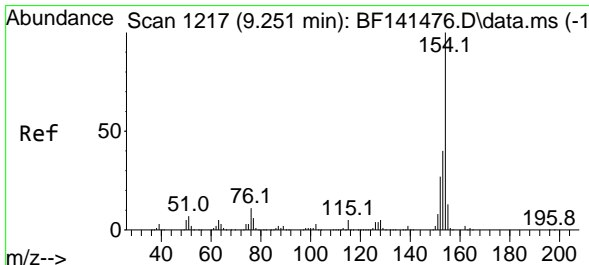
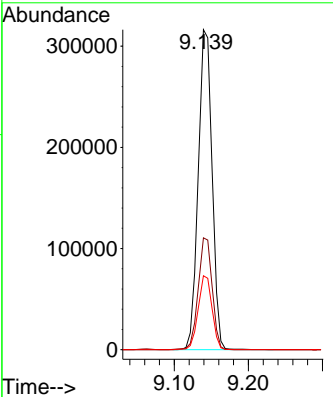
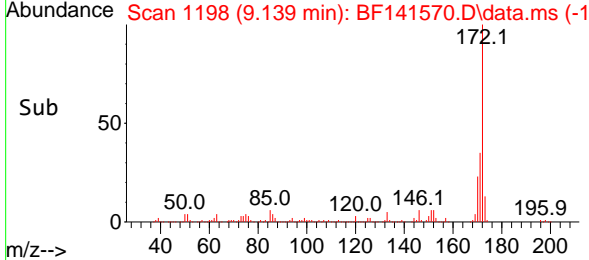
#45
 2-Fluorobiphenyl
 Concen: 37.918 ng
 RT: 9.139 min Scan# 1198
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS

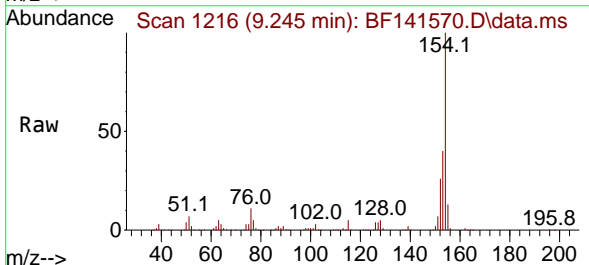


Tgt Ion:172 Resp: 411611
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.7 43.1
 170 23.1 18.9 28.3

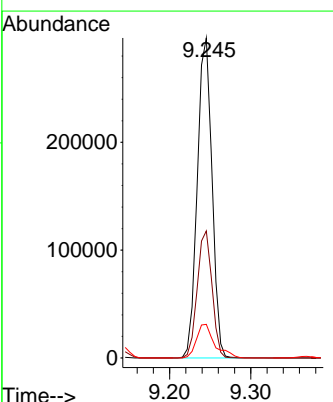
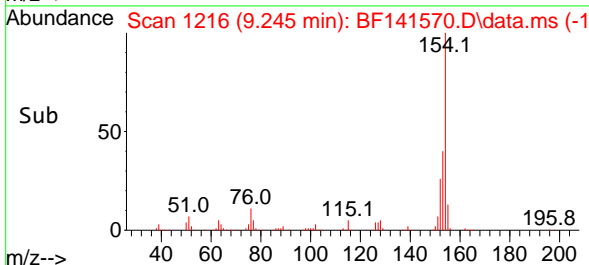
Manual Integrations
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 Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

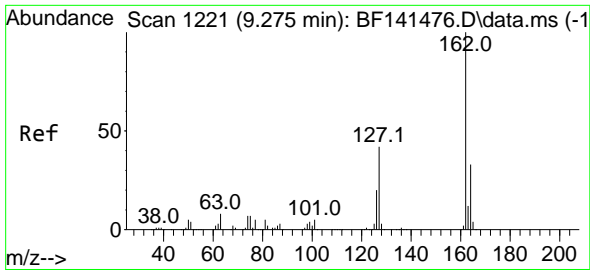


#46
 1,1'-Biphenyl
 Concen: 28.739 ng
 RT: 9.245 min Scan# 1216
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



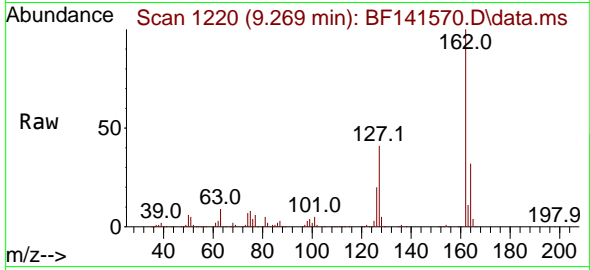
Tgt Ion:154 Resp: 372636
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.4 60.4
 76 10.5 0.0 30.8





#47
 2-Chloronaphthalene
 Concen: 25.722 ng
 RT: 9.269 min Scan# 111
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

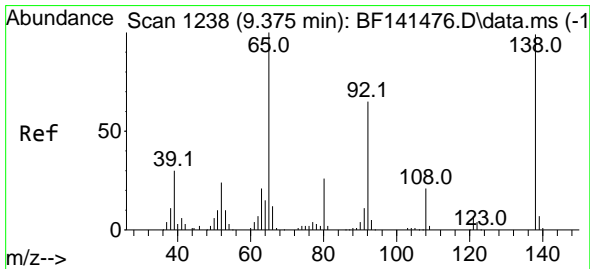
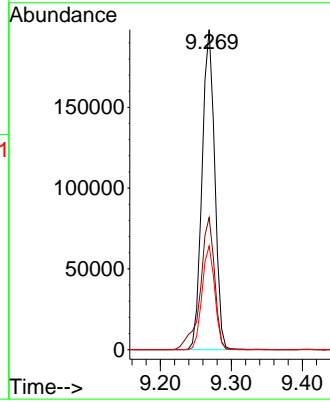
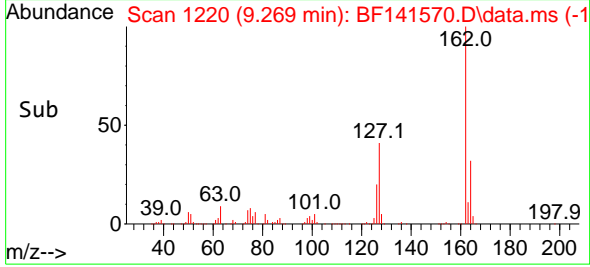
Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS



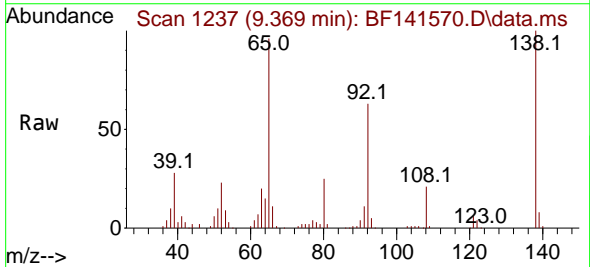
Tgt Ion: 162 Resp: 246620
 Ion Ratio Lower Upper
 162 100
 127 41.3 34.1 51.1
 164 32.4 26.3 39.5

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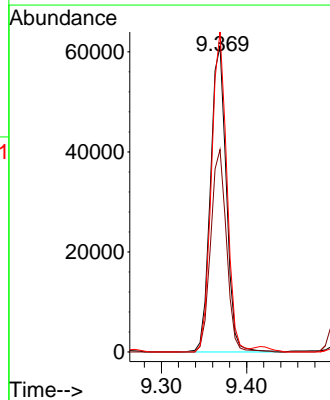
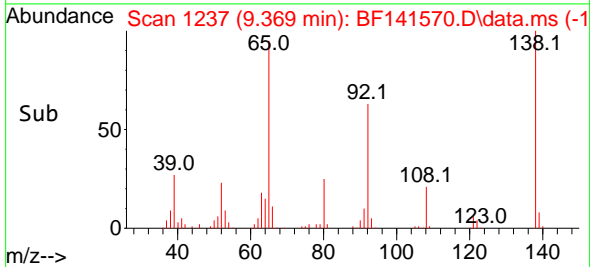
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

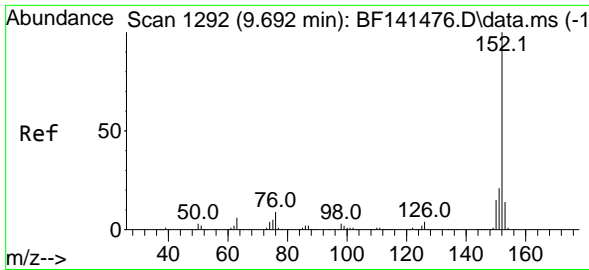


#48
 2-Nitroaniline
 Concen: 24.525 ng
 RT: 9.369 min Scan# 1237
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



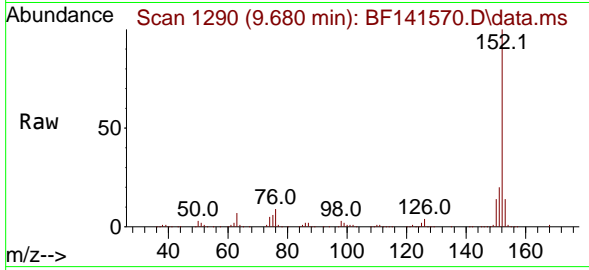
Tgt Ion: 65 Resp: 78914
 Ion Ratio Lower Upper
 65 100
 92 66.2 52.2 78.2
 138 104.6 79.5 119.3





#49
 Acenaphthylene
 Concen: 27.258 ng
 RT: 9.680 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

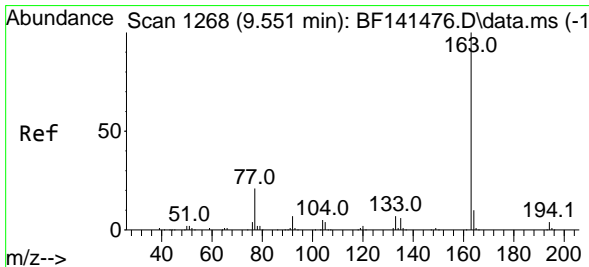
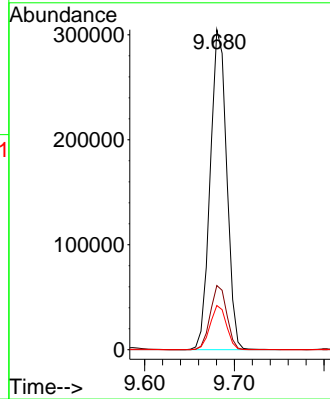
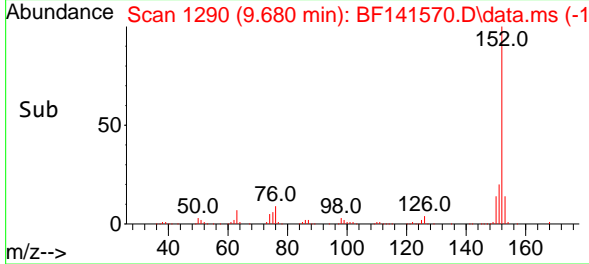
Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS



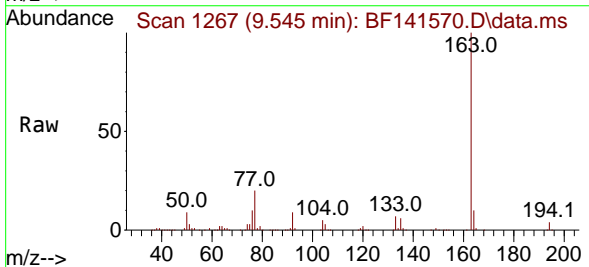
Tgt Ion:152 Resp: 388724
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.4 24.6
 153 13.8 10.9 16.3

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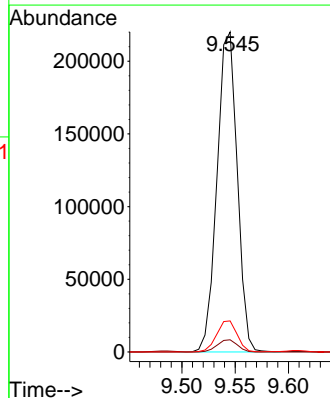
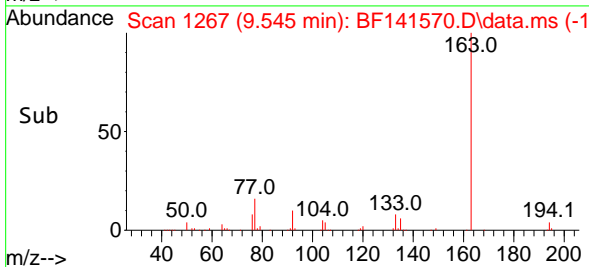
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

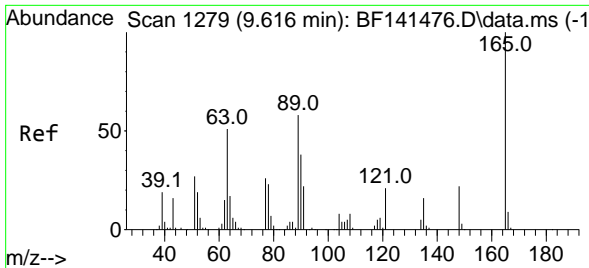


#50
 Dimethylphthalate
 Concen: 25.527 ng
 RT: 9.545 min Scan# 1267
 Delta R.T. -0.018 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



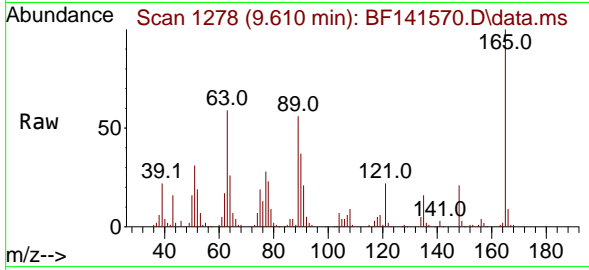
Tgt Ion:163 Resp: 289823
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.4
 164 9.7 7.9 11.9





#51
 2,6-Dinitrotoluene
 Concen: 24.513 ng
 RT: 9.610 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

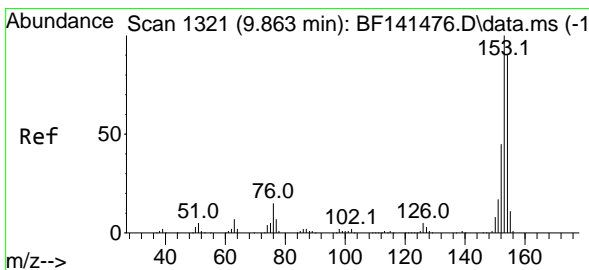
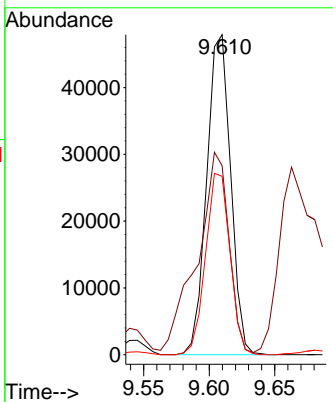
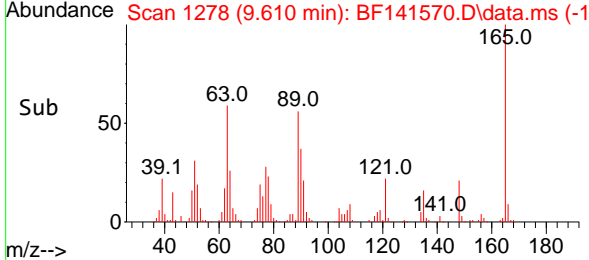
Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS



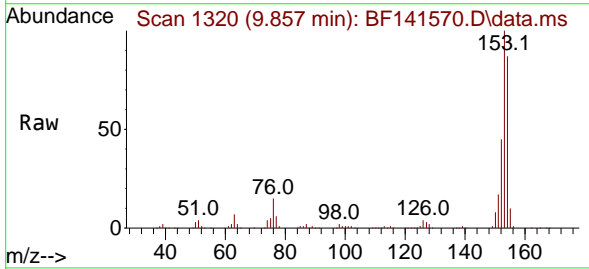
Tgt Ion:165 Resp: 60840
 Ion Ratio Lower Upper
 165 100
 63 59.1 49.4 74.0
 89 55.7 46.5 69.7

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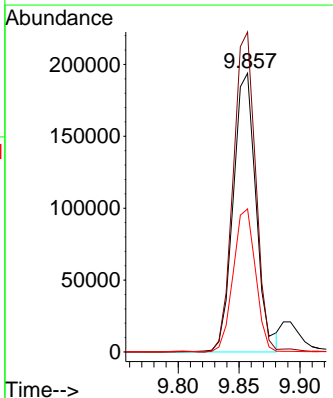
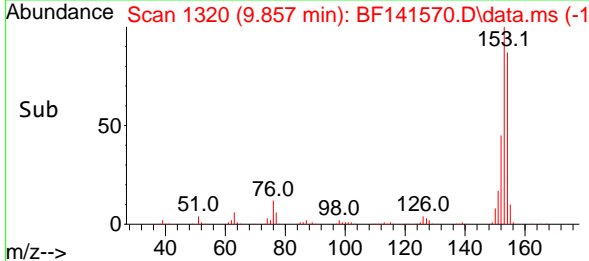
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

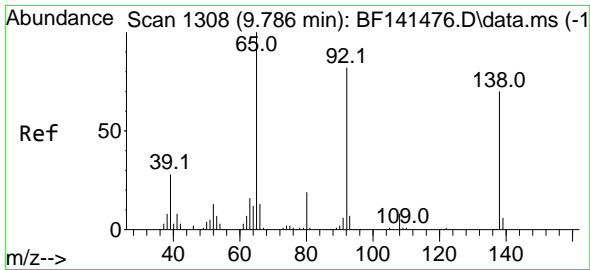


#52
 Acenaphthene
 Concen: 26.418 ng
 RT: 9.857 min Scan# 1320
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:154 Resp: 253288
 Ion Ratio Lower Upper
 154 100
 153 114.8 89.2 133.8
 152 51.3 39.8 59.8





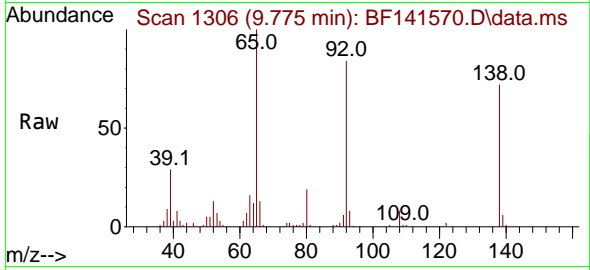
#53
 3-Nitroaniline
 Concen: 12.990 ng
 RT: 9.775 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

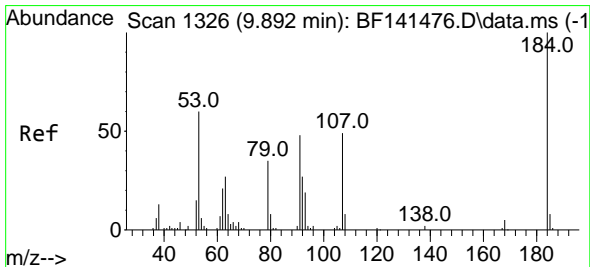
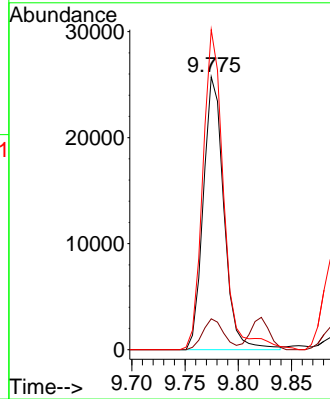
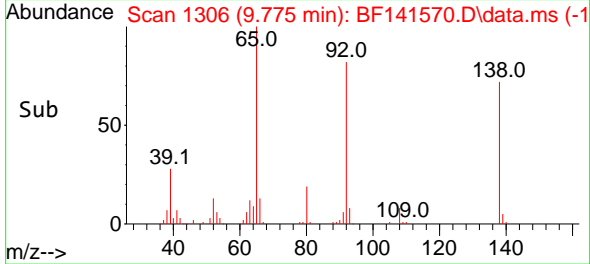


Tgt Ion:138 Resp: 34702
 Ion Ratio Lower Upper
 138 100
 108 11.3 9.0 13.4
 92 117.3 93.7 140.5

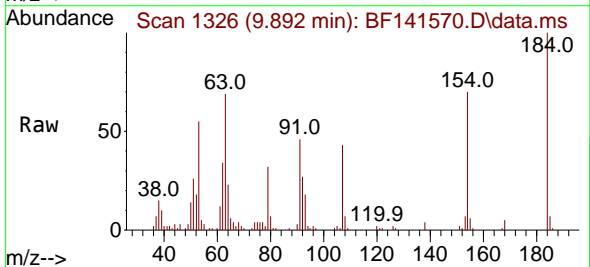
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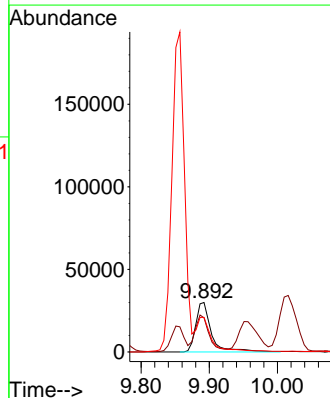
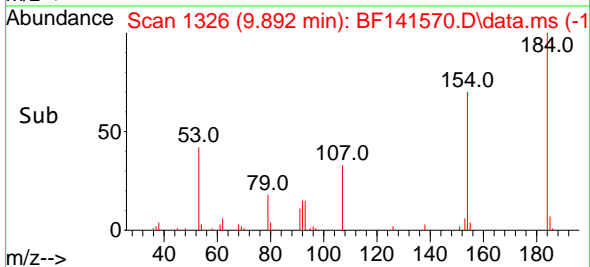
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

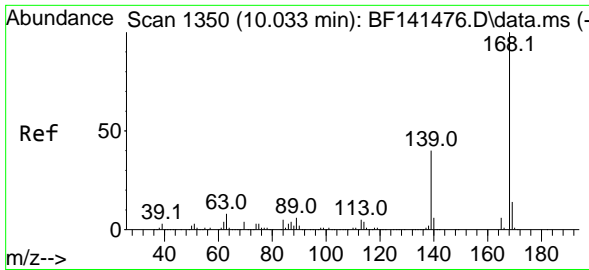


#54
 2,4-Dinitrophenol
 Concen: 32.325 ng
 RT: 9.892 min Scan# 1326
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



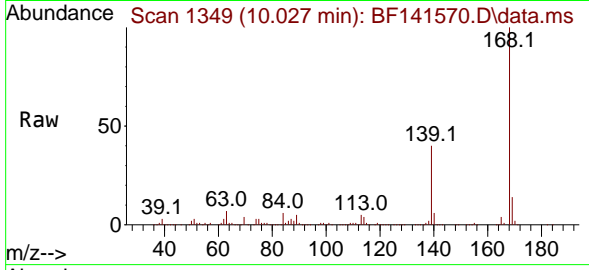
Tgt Ion:184 Resp: 47683
 Ion Ratio Lower Upper
 184 100
 63 68.7 61.0 91.6
 154 69.8 59.9 89.9





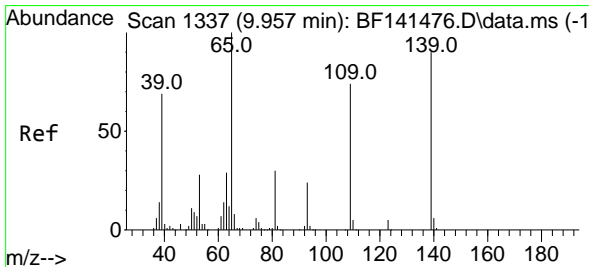
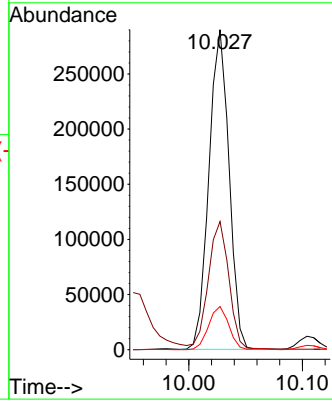
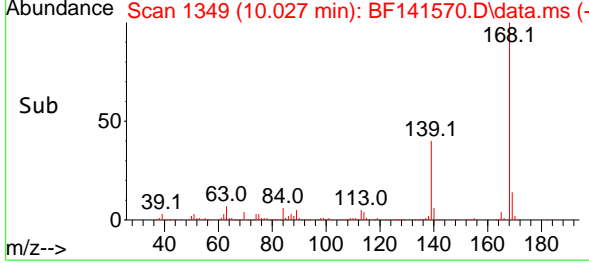
#55
 Dibenzofuran
 Concen: 25.265 ng
 RT: 10.027 min Scan# 1349
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS

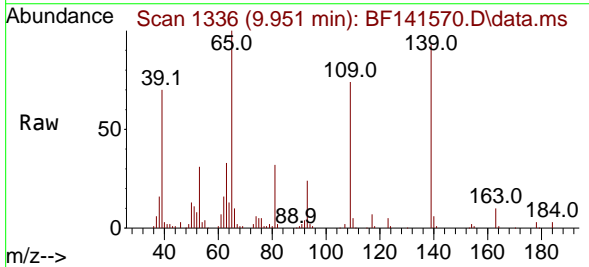


Tgt Ion:168 Resp: 355550
 Ion Ratio Lower Upper
 168 100
 139 40.1 32.7 49.1
 169 13.5 10.8 16.2

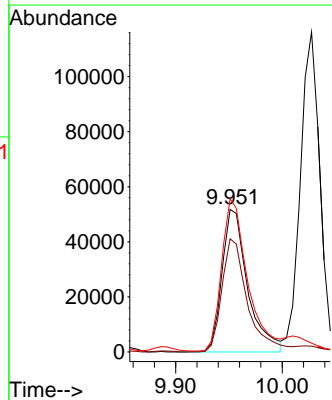
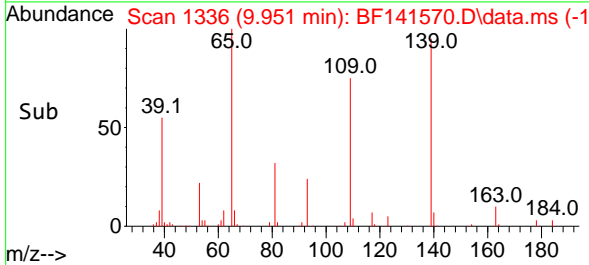
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 Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

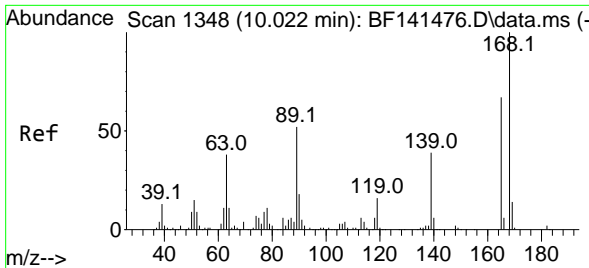


#56
 4-Nitrophenol
 Concen: 43.682 ng
 RT: 9.951 min Scan# 1336
 Delta R.T. -0.018 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



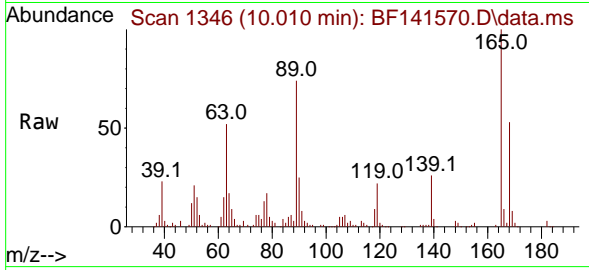
Tgt Ion:139 Resp: 86624
 Ion Ratio Lower Upper
 139 100
 109 79.4 62.0 102.0
 65 107.5 91.2 131.2





#57
 2,4-Dinitrotoluene
 Concen: 25.440 ng
 RT: 10.010 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

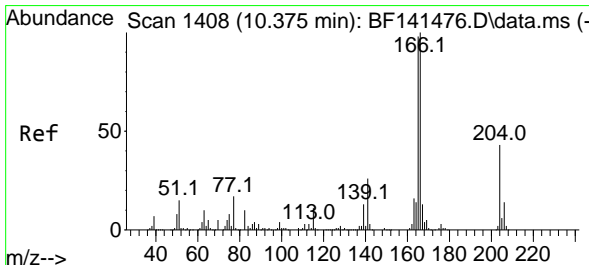
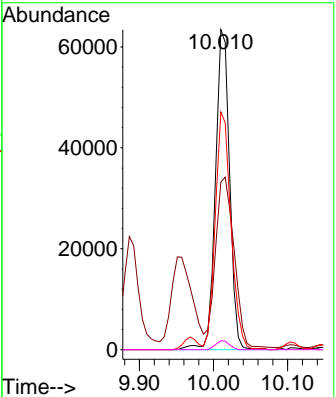
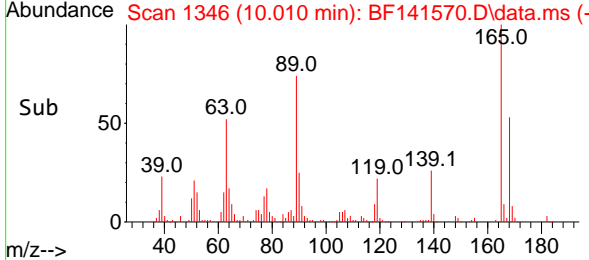
Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS



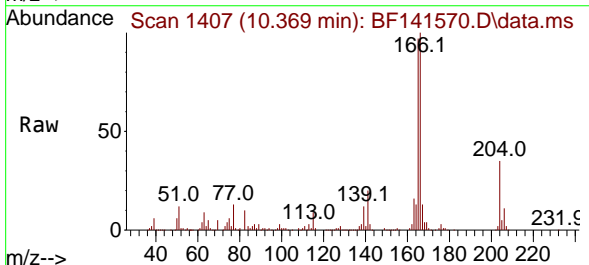
Tgt Ion:165 Resp: 84058

Ion	Ratio	Lower	Upper
165	100		
63	52.4	46.4	69.6
89	74.3	61.8	92.6
182	2.8	2.2	3.2

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 Supervised By :mohammad ahmed 02/12/2025

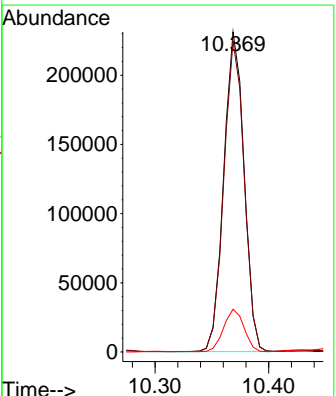
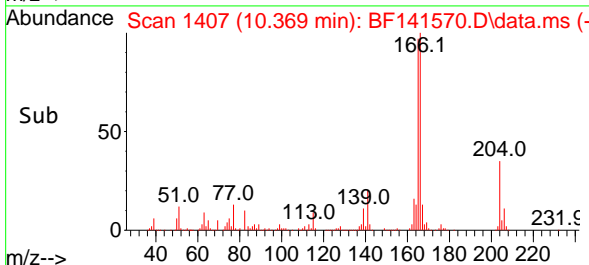


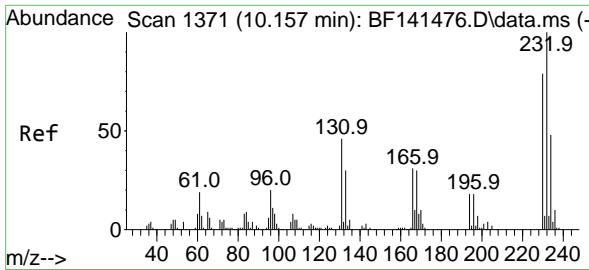
#58
 Fluorene
 Concen: 26.403 ng
 RT: 10.369 min Scan# 1407
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:166 Resp: 287294

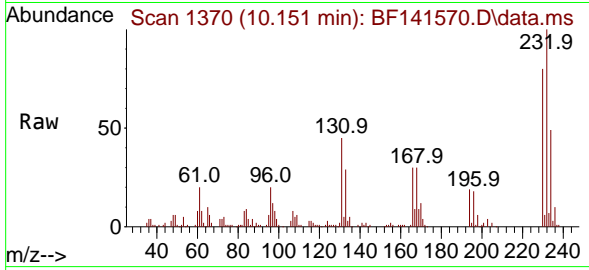
Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.2	117.2
167	13.4	10.7	16.1





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 22.541 ng
 RT: 10.151 min Scan# 1370
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

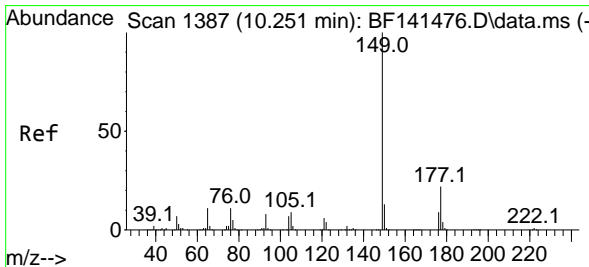
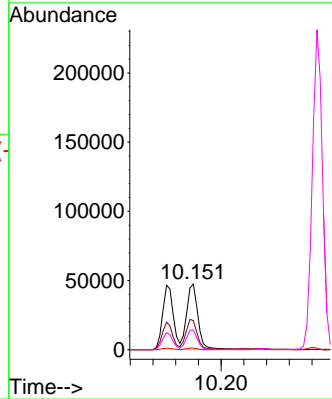
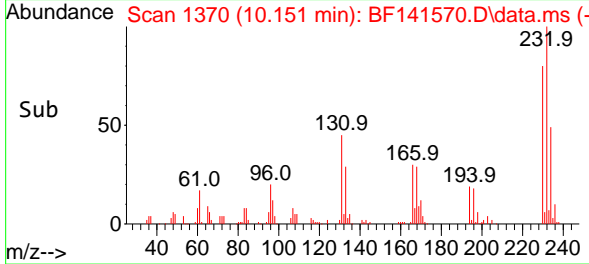
Instrument : BNA_F
 ClientSampleId : SOIL-COMPMS



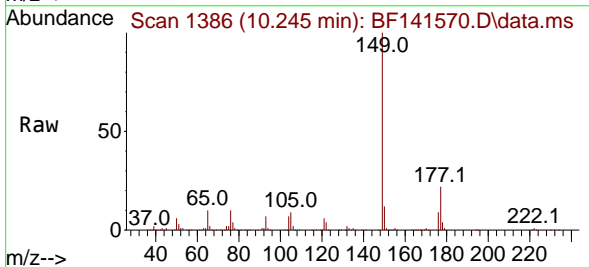
Tgt Ion: 232 Resp: 65772
 Ion Ratio Lower Upper
 232 100
 131 44.7 39.2 58.8
 130 2.3 2.1 3.1
 166 28.6 25.1 37.7

Manual Integrations
 APPROVED

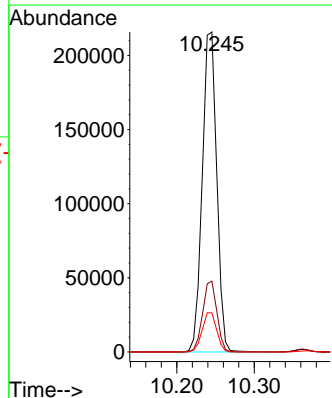
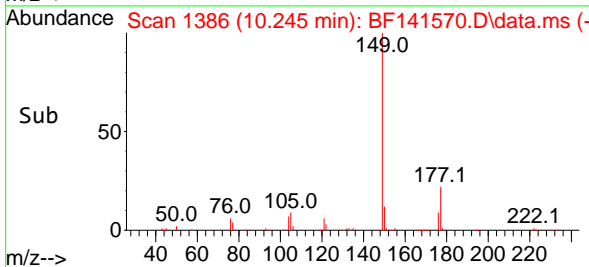
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

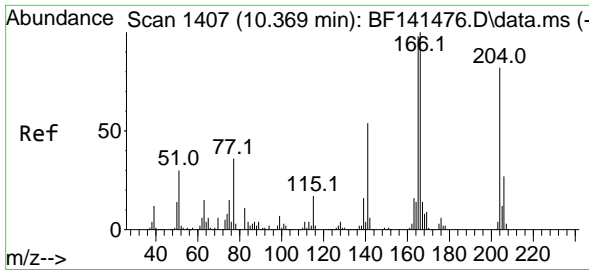


#60
 Diethylphthalate
 Concen: 25.047 ng
 RT: 10.245 min Scan# 1386
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion: 149 Resp: 279792
 Ion Ratio Lower Upper
 149 100
 177 22.1 17.8 26.6
 150 12.2 10.1 15.1





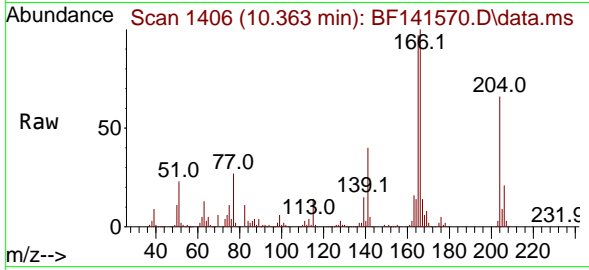
#61
 4-Chlorophenyl-phenylether
 Concen: 25.261 ng
 RT: 10.363 min Scan# 1406
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS



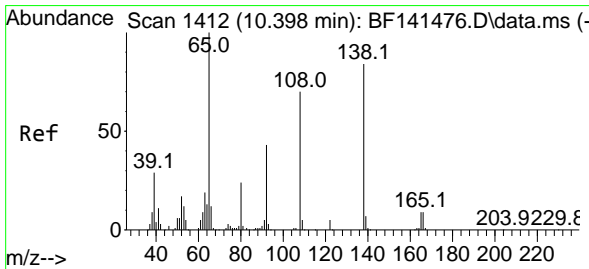
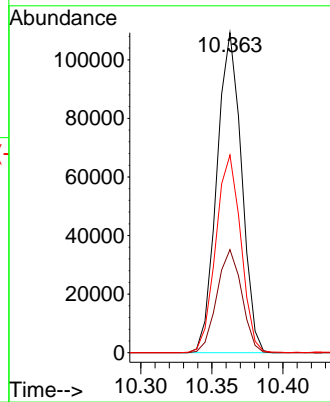
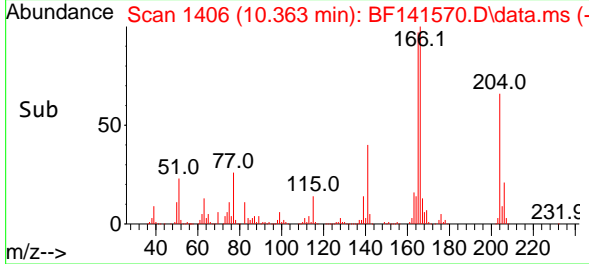
Tgt Ion:204 Resp: 132236
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.6 40.0
 141 61.8 51.9 77.9

Manual Integrations

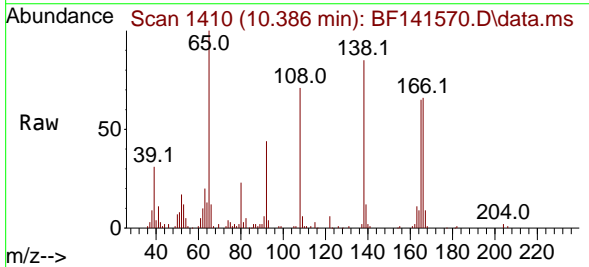
APPROVED

Reviewed By :Yogesh Patel 02/12/2025

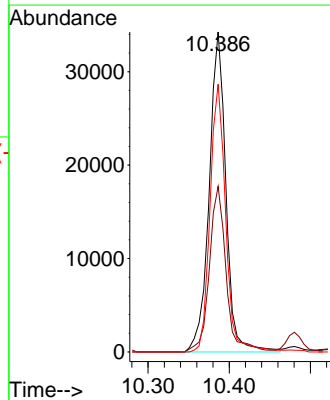
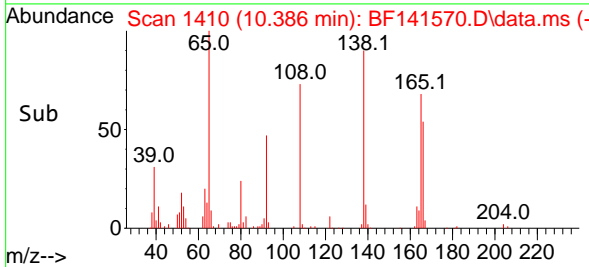
Supervised By :mohammad ahmed 02/12/2025

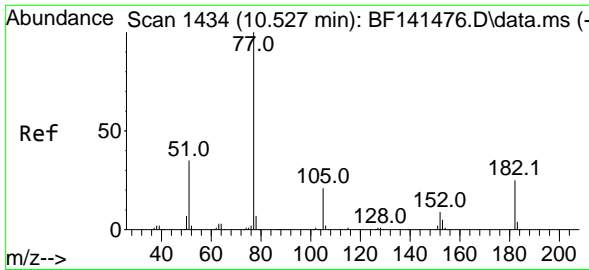


#62
 4-Nitroaniline
 Concen: 18.085 ng
 RT: 10.386 min Scan# 1410
 Delta R.T. -0.029 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:138 Resp: 49055
 Ion Ratio Lower Upper
 138 100
 92 51.8 31.3 71.3
 108 83.7 63.7 103.7





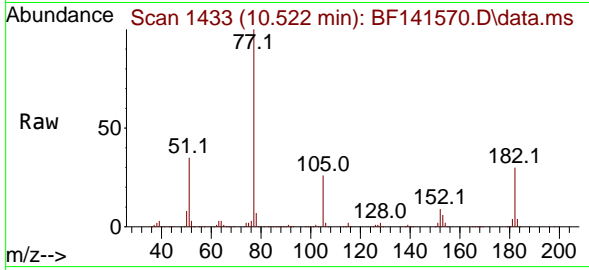
#63
 Azobenzene
 Concen: 27.176 ng
 RT: 10.522 min Scan# 1433
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

Client Sample Id :

SOIL-COMPMS



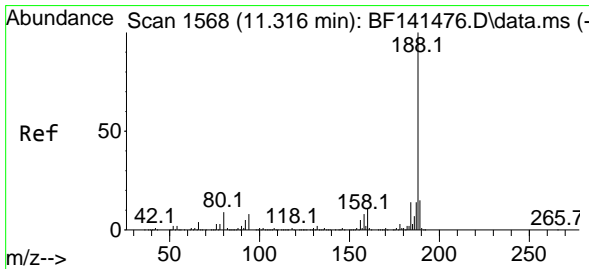
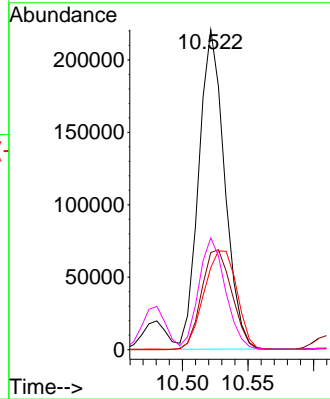
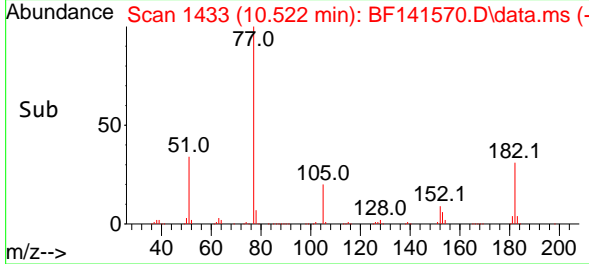
Tgt Ion: 77 Resp: 301790
 Ion Ratio Lower Upper
 77 100
 182 30.4 4.7 44.7
 105 25.6 0.4 40.4
 51 35.0 16.5 56.5

Manual Integrations

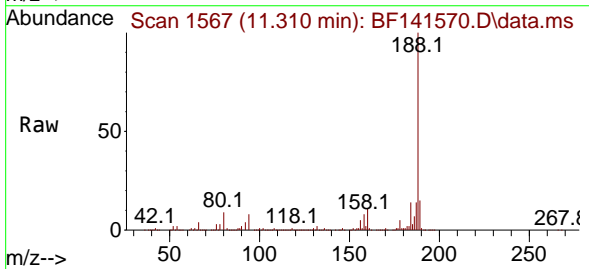
APPROVED

Reviewed By :Yogesh Patel 02/12/2025

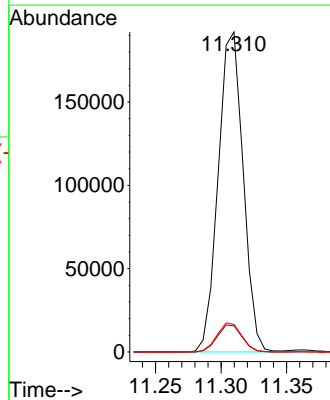
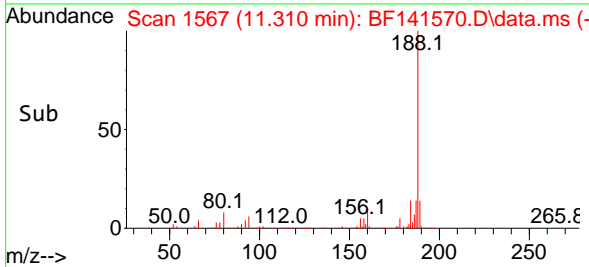
Supervised By :mohammad ahmed 02/12/2025

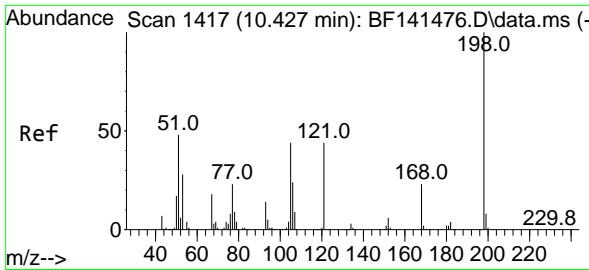


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.310 min Scan# 1567
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:188 Resp: 253958
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.6 10.0
 80 8.6 7.3 10.9





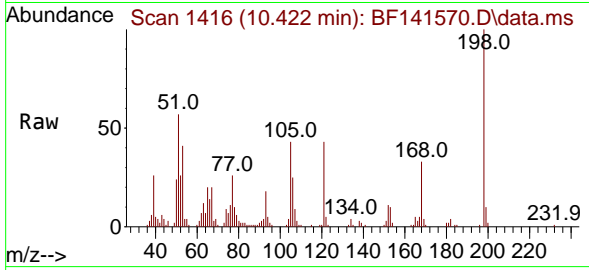
#65
 4,6-Dinitro-2-methylphenol
 Concen: 18.296 ng
 RT: 10.422 min Scan# 1417
 Delta R.T. -0.018 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS



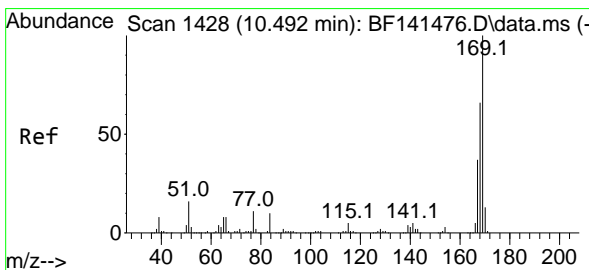
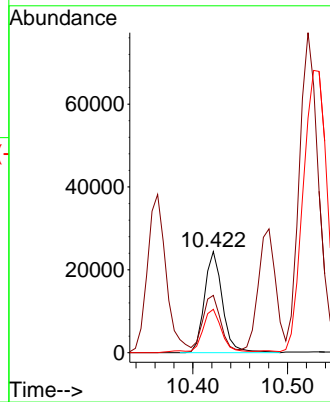
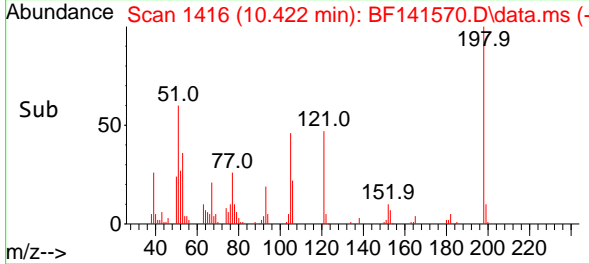
Tgt Ion:198 Resp: 32271
 Ion Ratio Lower Upper
 198 100
 51 56.6 37.4 77.4
 105 42.8 25.2 65.2

Manual Integrations

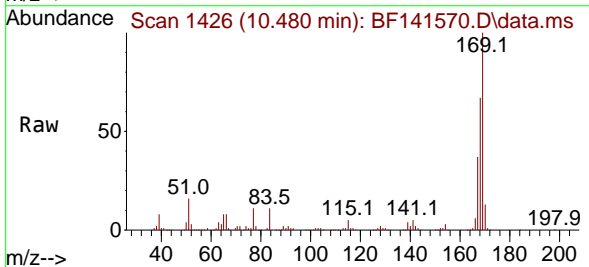
APPROVED

Reviewed By :Yogesh Patel 02/12/2025

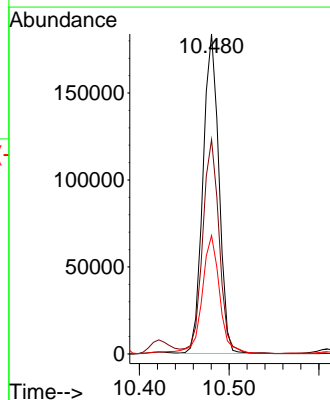
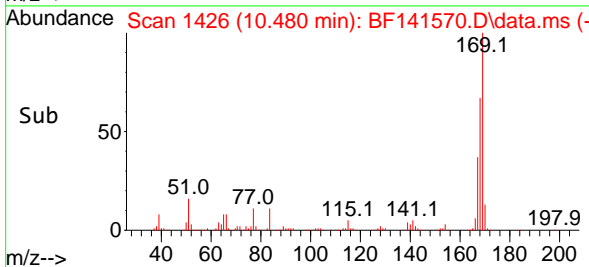
Supervised By :mohammad ahmed 02/12/2025

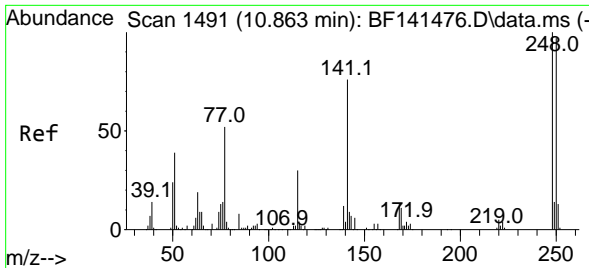


#66
 n-Nitrosodiphenylamine
 Concen: 27.861 ng
 RT: 10.480 min Scan# 1426
 Delta R.T. -0.018 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



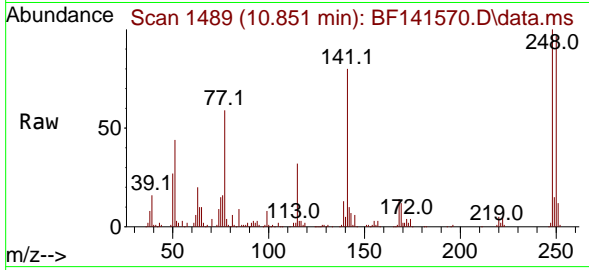
Tgt Ion:169 Resp: 226494
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.3 79.9
 167 37.0 29.4 44.2





#67
 4-Bromophenyl-phenylether
 Concen: 27.039 ng
 RT: 10.851 min Scan# 1491
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

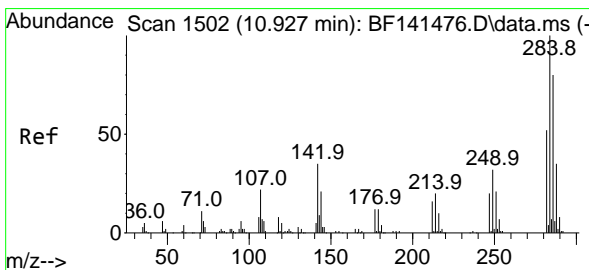
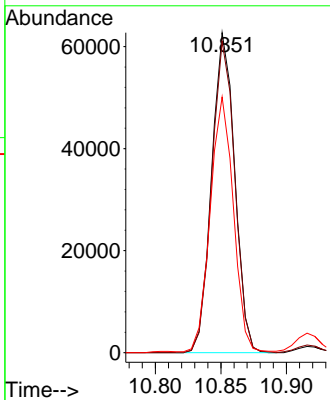
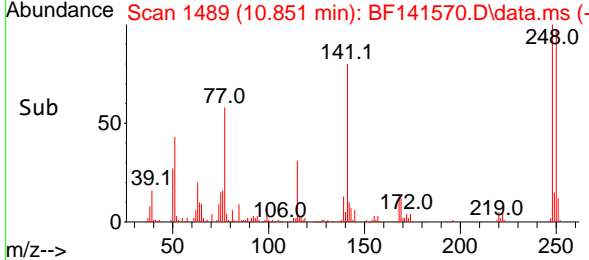
Instrument :
 BNA_F
ClientSampleId :
 SOIL-COMPMS



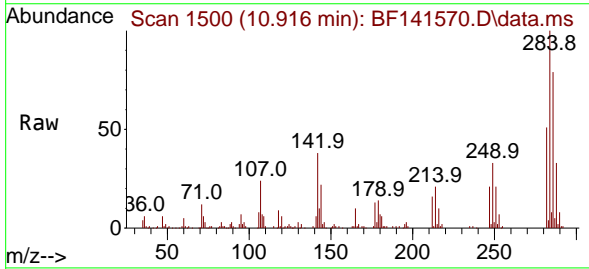
Tgt Ion:248 Resp: 76740
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.8 116.6
 141 79.9 60.6 90.8

Manual Integrations
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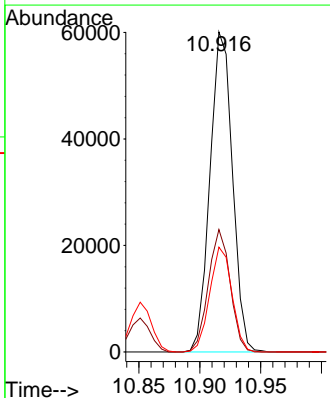
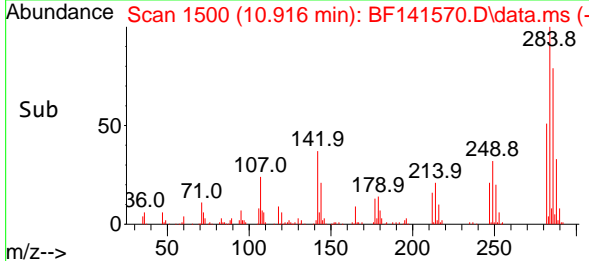
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

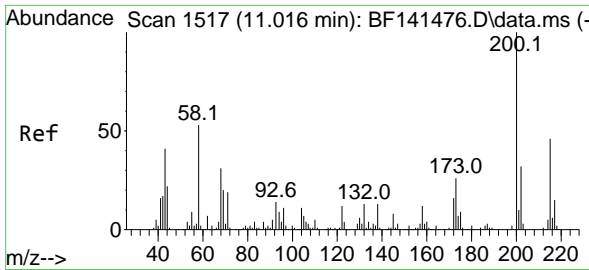


#68
 Hexachlorobenzene
 Concen: 26.352 ng
 RT: 10.916 min Scan# 1500
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



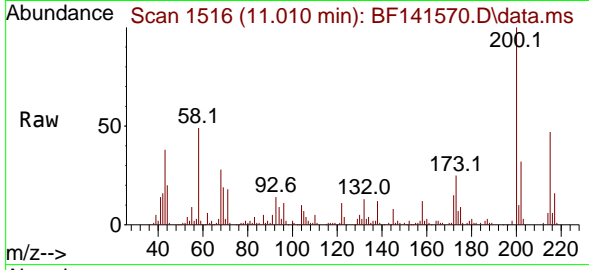
Tgt Ion:284 Resp: 77020
 Ion Ratio Lower Upper
 284 100
 142 38.3 28.0 42.0
 249 32.7 25.8 38.8





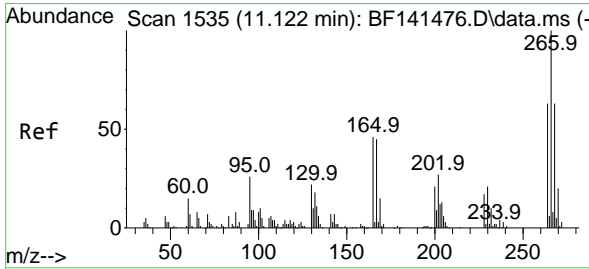
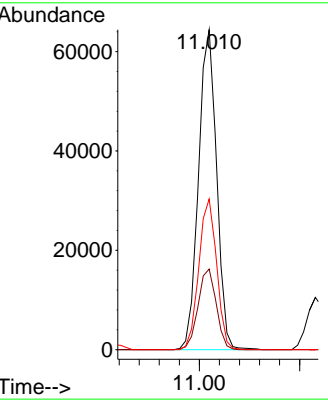
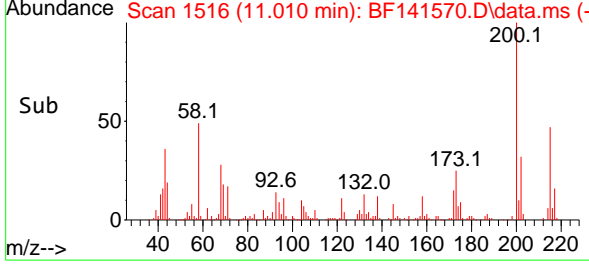
#69
 Atrazine
 Concen: 33.118 ng
 RT: 11.010 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS

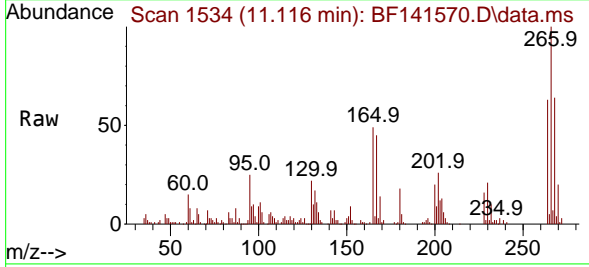


Tgt Ion:200 Resp: 80769
 Ion Ratio Lower Upper
 200 100
 173 25.2 5.9 45.9
 215 47.1 25.9 65.9

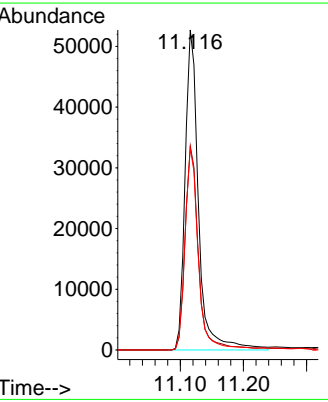
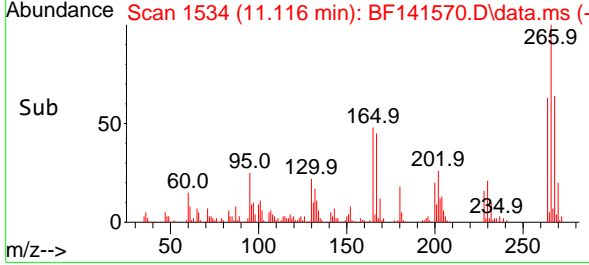
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

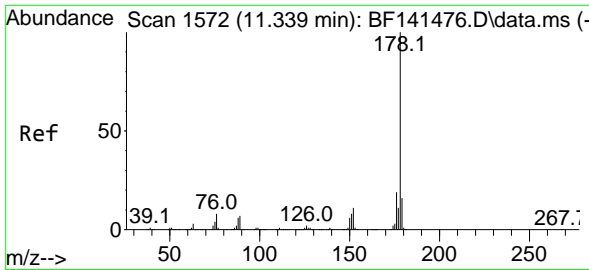


#70
 Pentachlorophenol
 Concen: 41.701 ng
 RT: 11.116 min Scan# 1534
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:266 Resp: 77932
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.1 75.1
 264 63.2 50.1 75.1





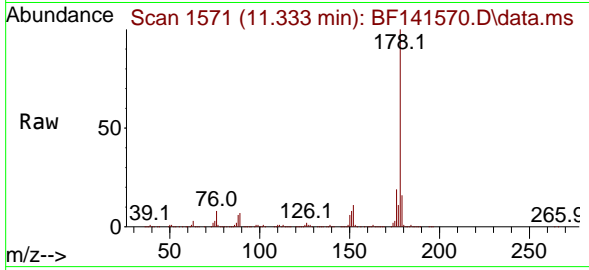
#71
 Phenanthrene
 Concen: 45.527 ng
 RT: 11.333 min Scan# 1571
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS



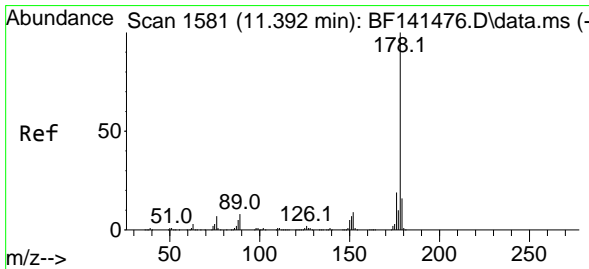
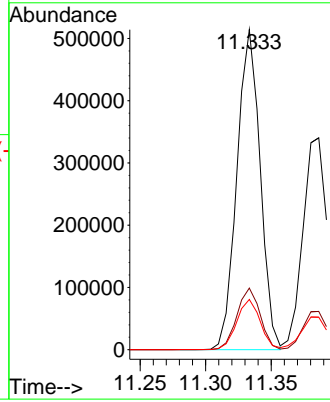
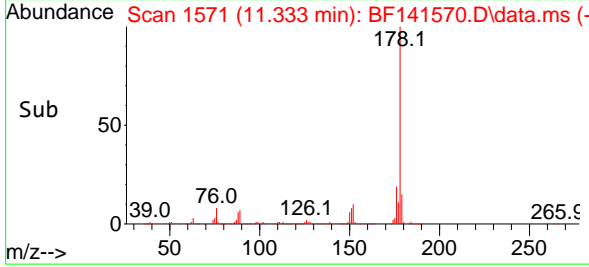
Tgt Ion:178 Resp: 636429
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.7 12.4 18.6

Manual Integrations

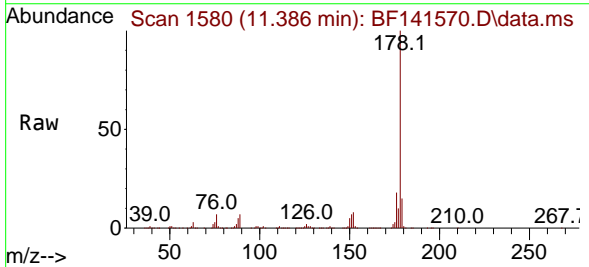
APPROVED

Reviewed By :Yogesh Patel 02/12/2025

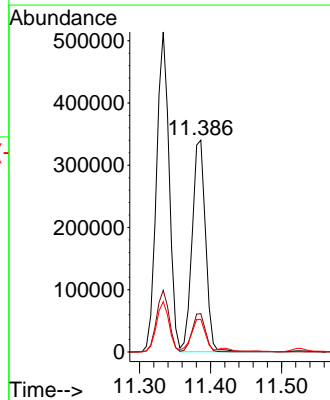
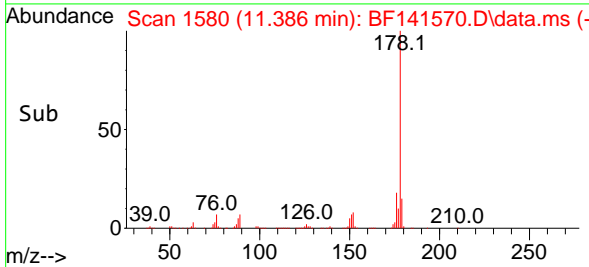
Supervised By :mohammad ahmed 02/12/2025

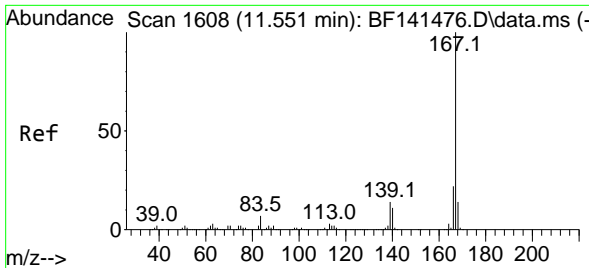


#72
 Anthracene
 Concen: 31.697 ng
 RT: 11.386 min Scan# 1580
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:178 Resp: 445427
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.8 22.2
 179 15.4 12.4 18.6





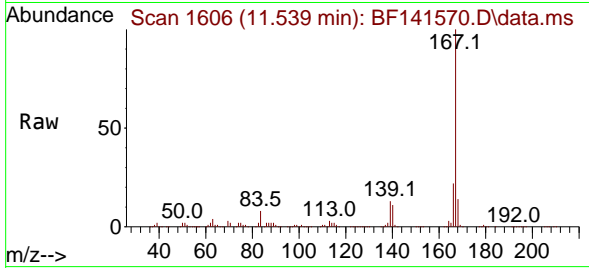
#73
 Carbazole
 Concen: 25.902 ng
 RT: 11.539 min Scan# 1606
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

Client Sample Id :

SOIL-COMPMS

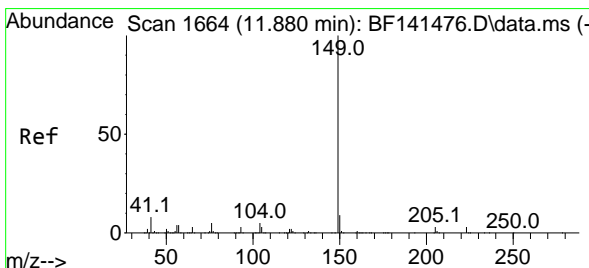
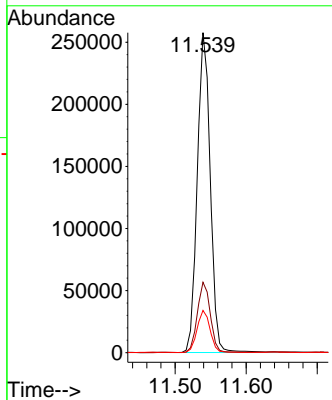
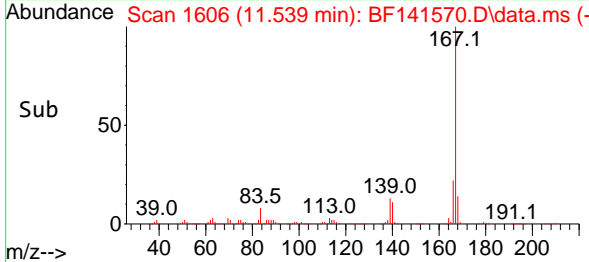


Tgt Ion:167 Resp: 327508
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.2 10.9 16.3

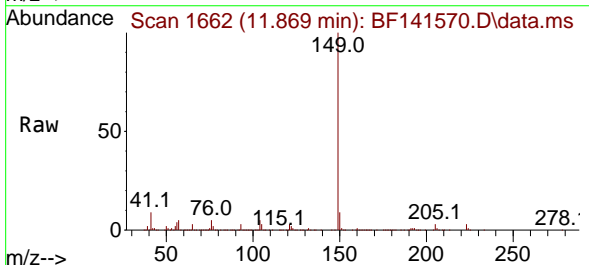
Manual Integrations

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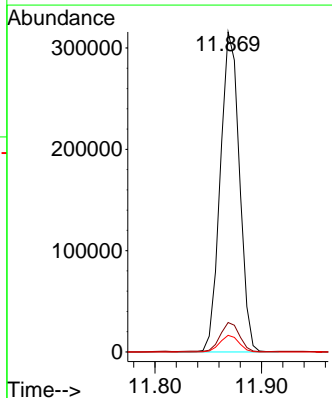
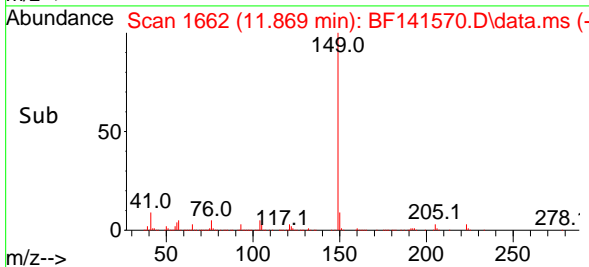
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

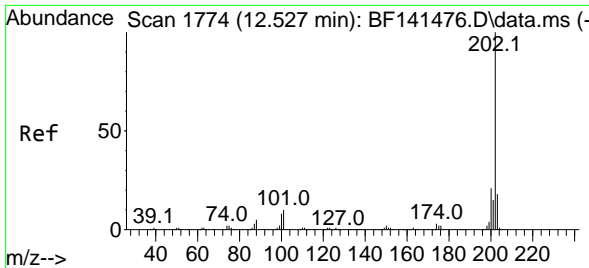


#74
 Di-n-butylphthalate
 Concen: 26.986 ng
 RT: 11.869 min Scan# 1662
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



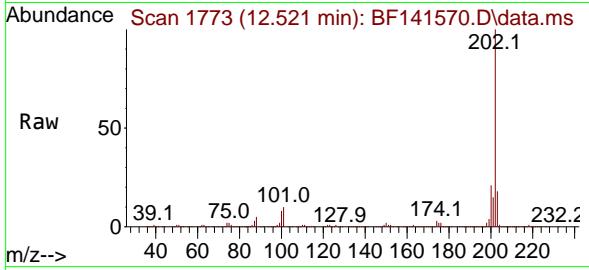
Tgt Ion:149 Resp: 393995
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.2 6.2





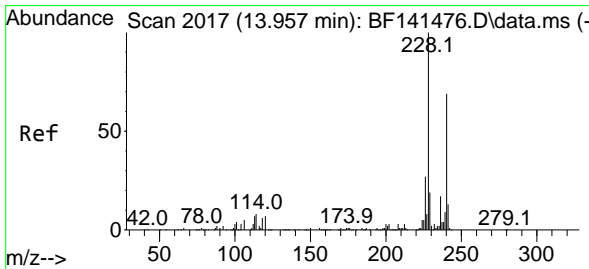
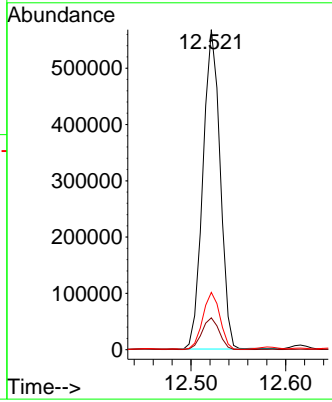
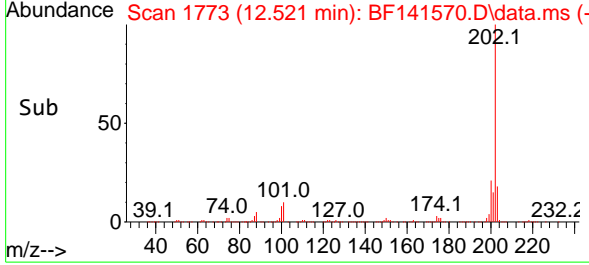
#75
 Fluoranthene
 Concen: 48.485 ng
 RT: 12.521 min Scan# 1773
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS

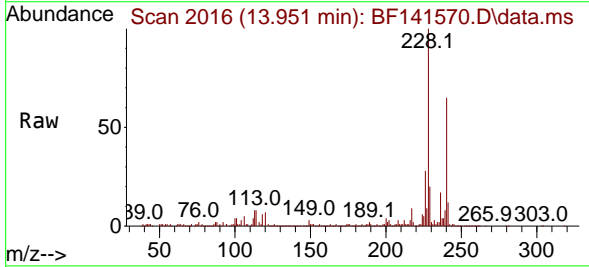


Tgt Ion: 202 Resp: 718589
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 30.2
 203 17.9 0.0 37.6

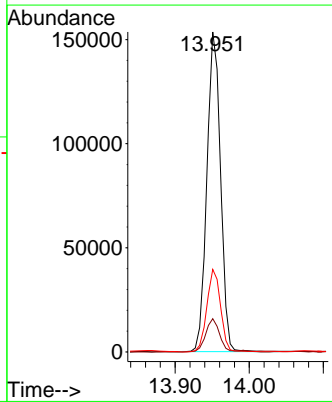
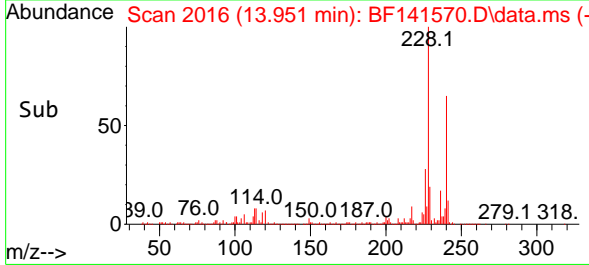
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

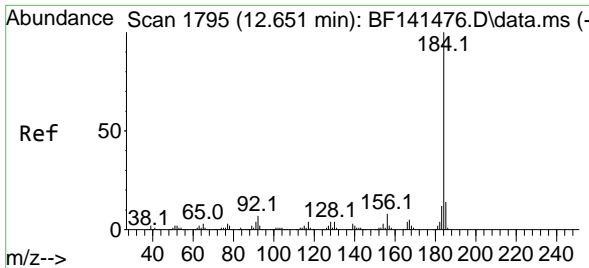


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.951 min Scan# 2016
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion: 240 Resp: 196367
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.0 12.0
 236 25.8 19.8 29.8





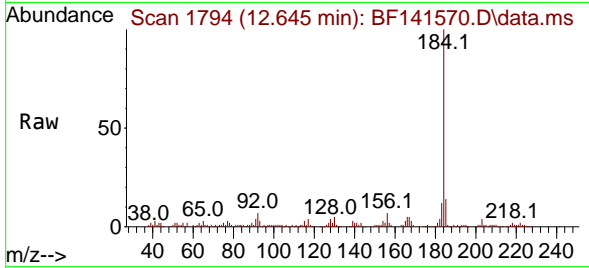
#77
 Benzidine
 Concen: 23.397 ng
 RT: 12.645 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

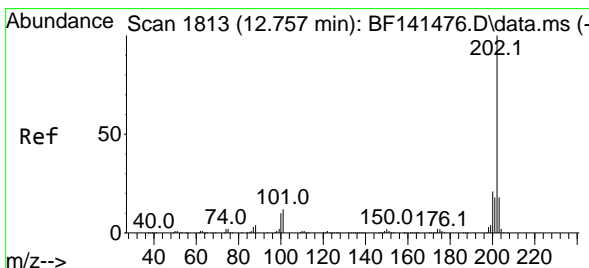
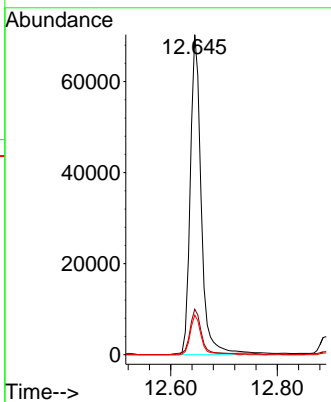
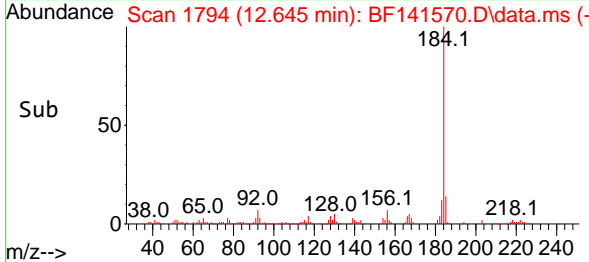


Tgt Ion:184 Resp: 10132
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.3 16.9
 183 12.3 9.3 13.9

Manual Integrations

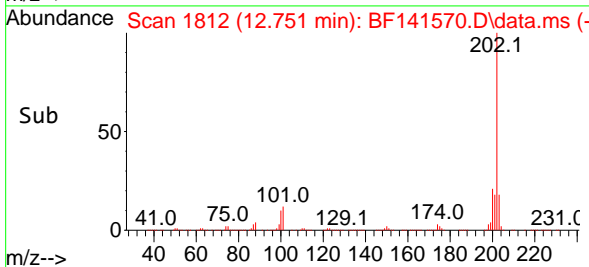
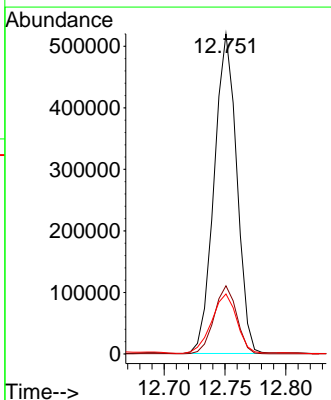
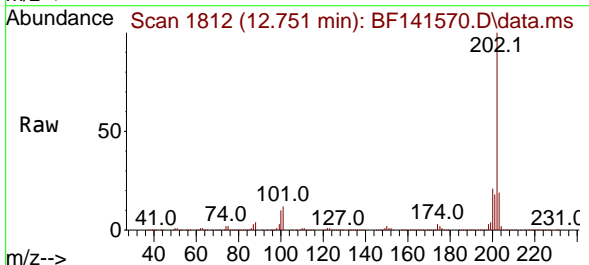
APPROVED

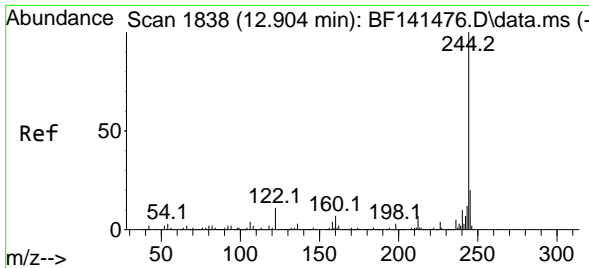
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025



#78
 Pyrene
 Concen: 40.223 ng
 RT: 12.751 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Tgt Ion:202 Resp: 672365
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.0 25.4
 203 18.7 14.3 21.5





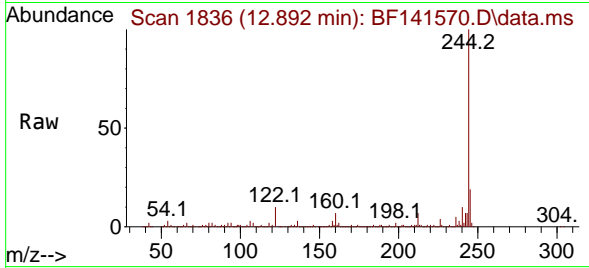
#79
 Terphenyl-d14
 Concen: 28.823 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

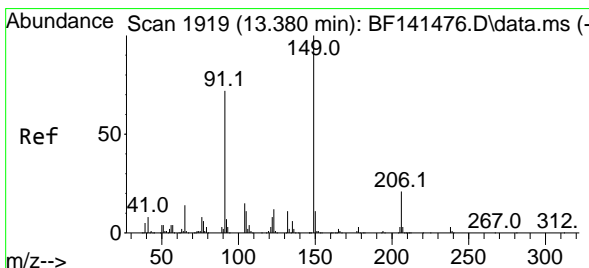
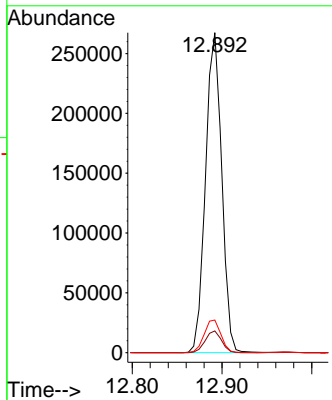
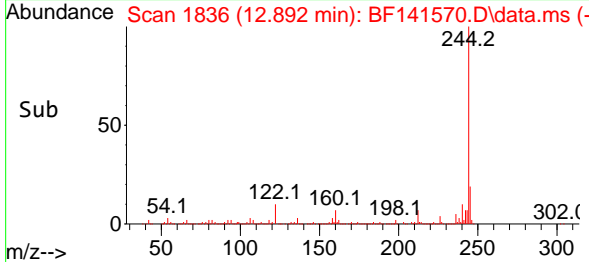


Tgt Ion:244 Resp: 335272
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.2 8.4 12.6

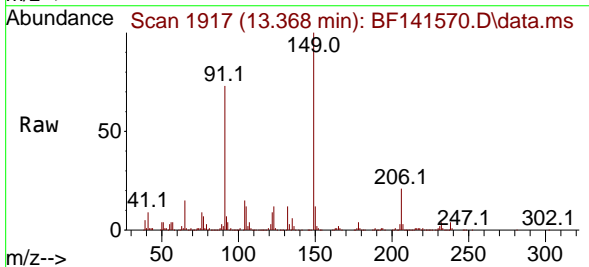
Manual Integrations

APPROVED

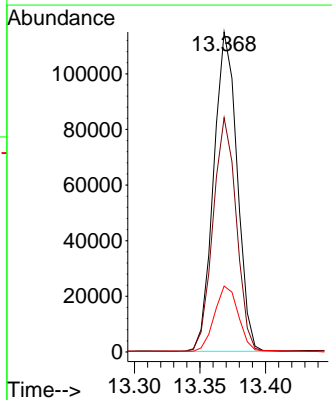
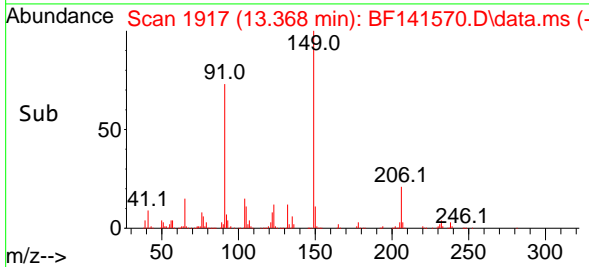
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

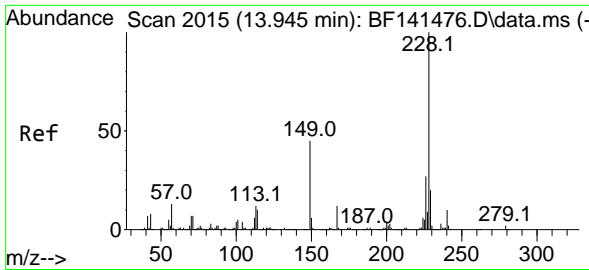


#80
 Butylbenzylphthalate
 Concen: 24.648 ng
 RT: 13.368 min Scan# 1917
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:149 Resp: 142711
 Ion Ratio Lower Upper
 149 100
 91 73.2 57.8 86.8
 206 20.6 16.7 25.1





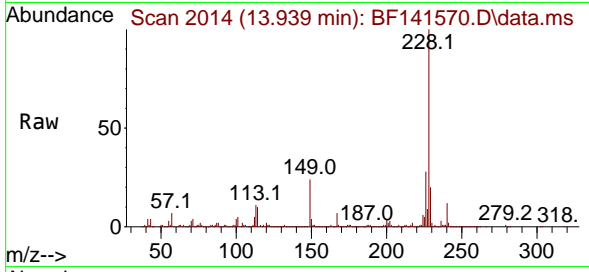
#81
 Benzo(a)anthracene
 Concen: 44.367 ng
 RT: 13.939 min Scan# 2008
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS



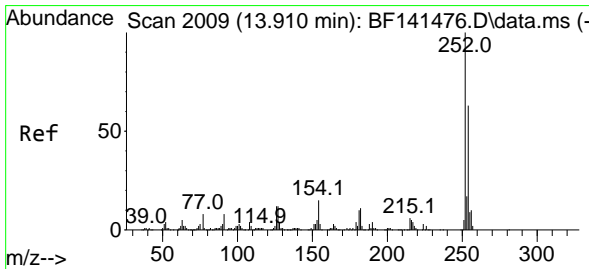
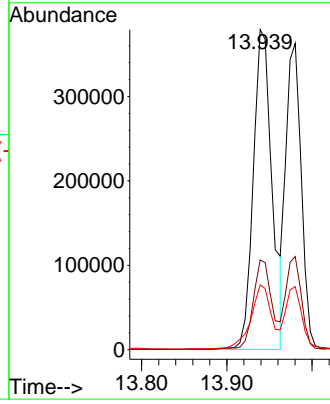
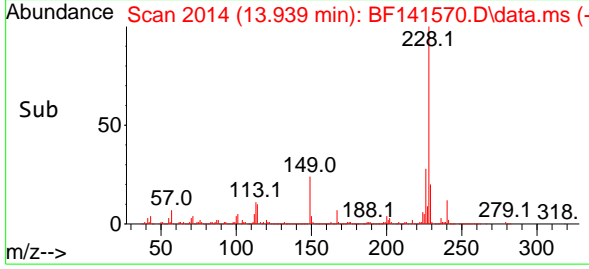
Tgt Ion:228 Resp: 57912
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.8 32.8
 229 20.2 15.8 23.6

Manual Integrations

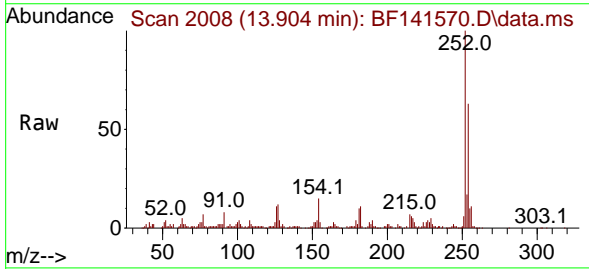
APPROVED

Reviewed By :Yogesh Patel 02/12/2025

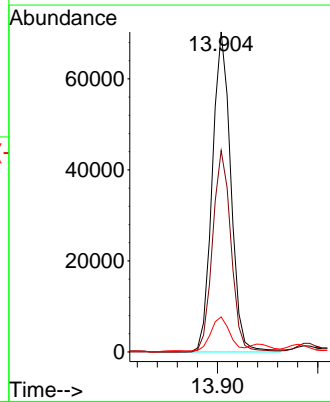
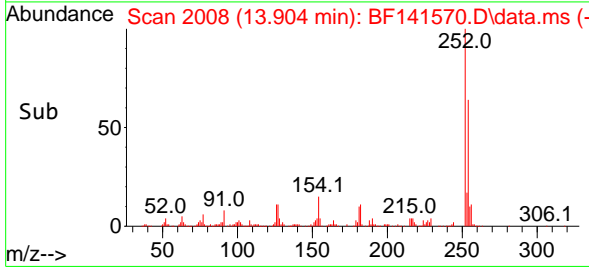
Supervised By :mohammad ahmed 02/12/2025

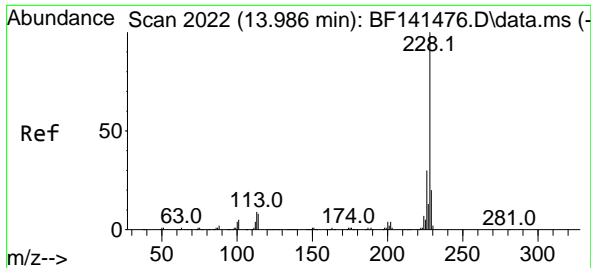


#82
 3,3'-Dichlorobenzidine
 Concen: 24.106 ng
 RT: 13.904 min Scan# 2008
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



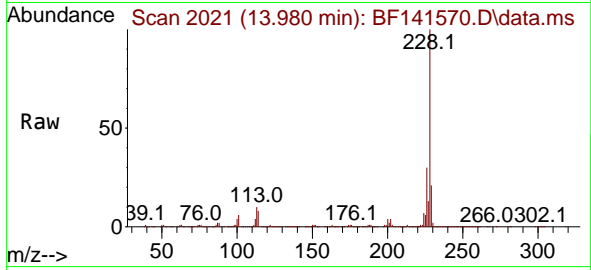
Tgt Ion:252 Resp: 90134
 Ion Ratio Lower Upper
 252 100
 254 63.0 50.6 76.0
 126 10.9 9.3 13.9





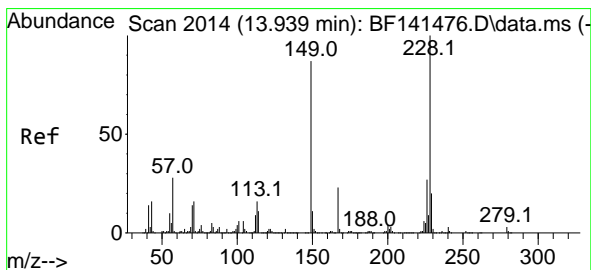
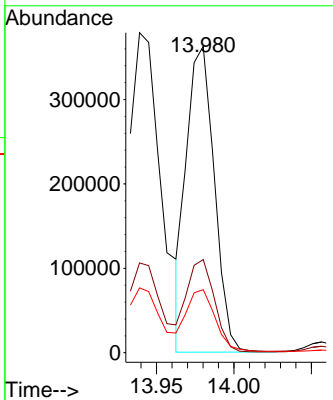
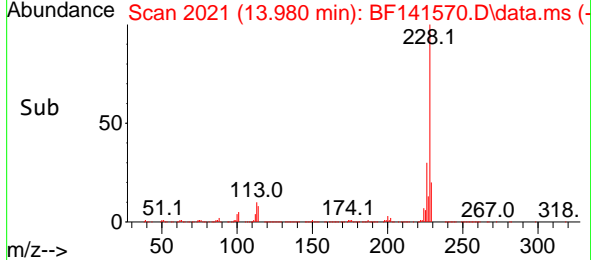
#83
 Chrysene
 Concen: 37.578 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS

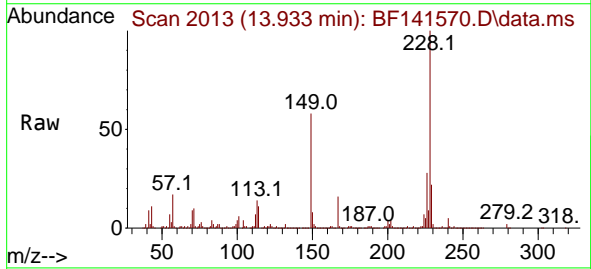


Tgt Ion:228 Resp: 452918
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.0 36.0
 229 20.6 15.7 23.5

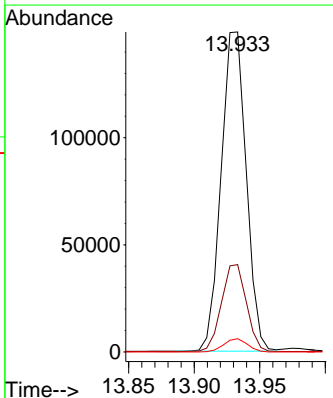
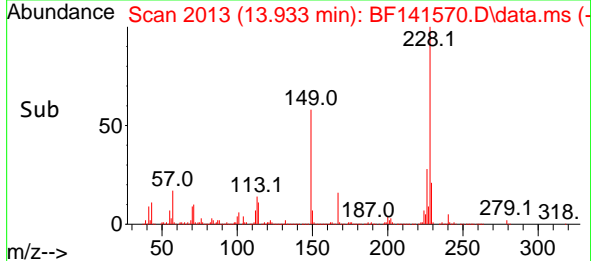
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

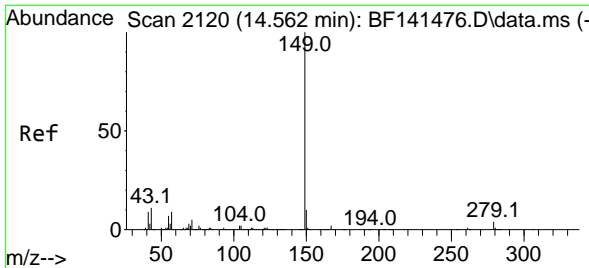


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.405 ng
 RT: 13.933 min Scan# 2013
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:149 Resp: 198551
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.4 32.0
 279 4.1 3.1 4.7





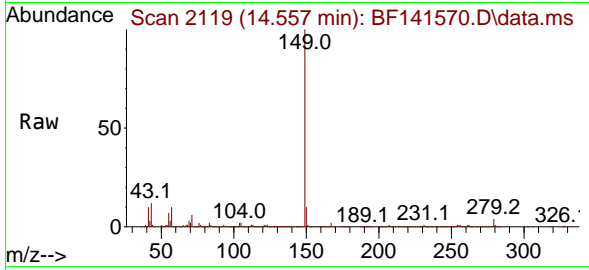
#85
 Di-n-octyl phthalate
 Concen: 36.864 ng
 RT: 14.557 min Scan# 2119
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

Client Sample Id :

SOIL-COMPMS



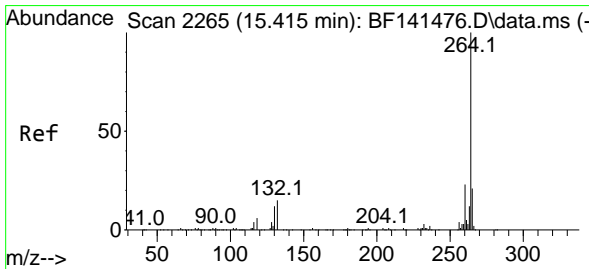
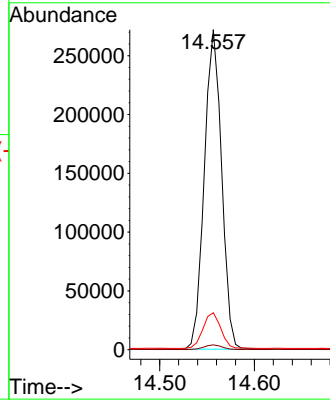
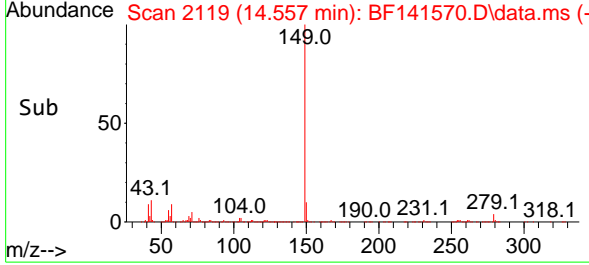
Tgt Ion:149 Resp: 343418
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.4 9.5 14.3

Manual Integrations

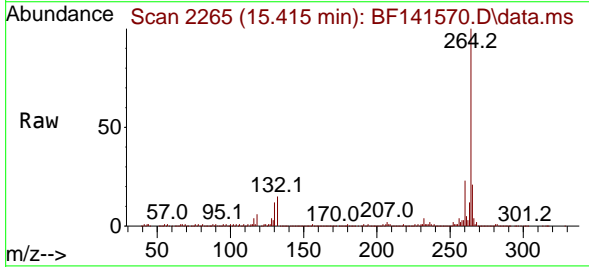
APPROVED

Reviewed By :Yogesh Patel 02/12/2025

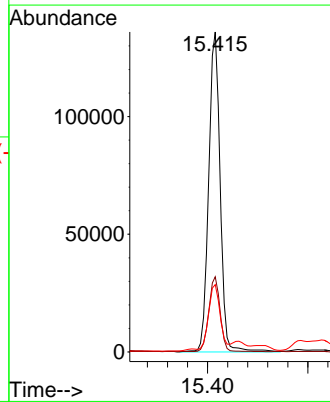
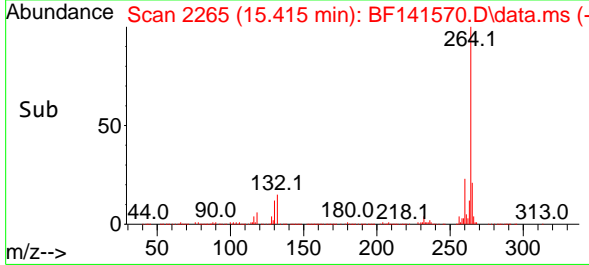
Supervised By :mohammad ahmed 02/12/2025

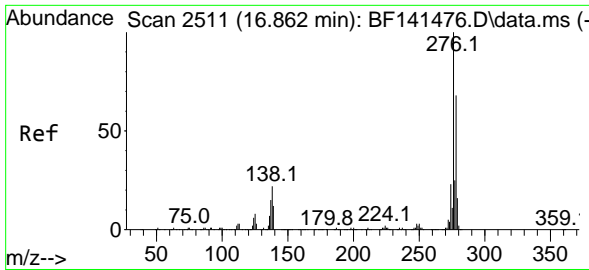


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:264 Resp: 216844
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.1 17.0 25.4





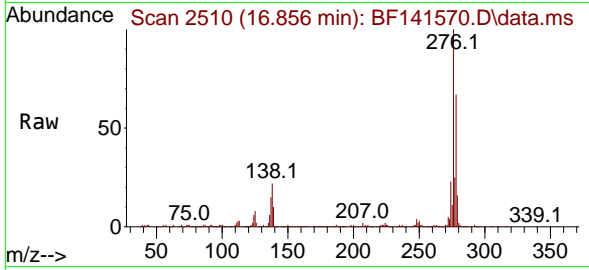
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 26.667 ng
 RT: 16.856 min Scan# 2110
 Delta R.T. -0.018 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

Client Sample Id :

SOIL-COMPMS



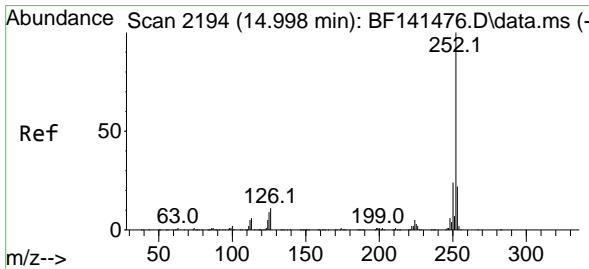
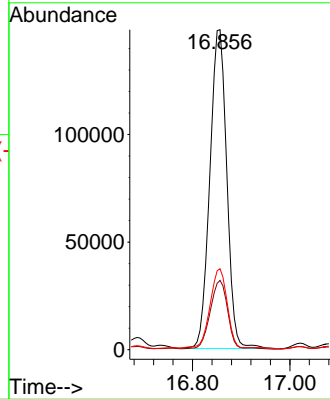
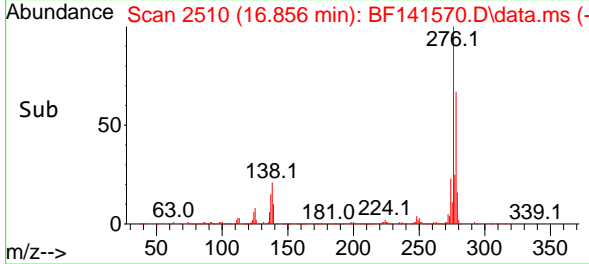
Tgt Ion: 276 Resp: 35729
 Ion Ratio Lower Upper
 276 100
 138 21.7 18.0 27.0
 277 24.8 20.4 30.6

Manual Integrations

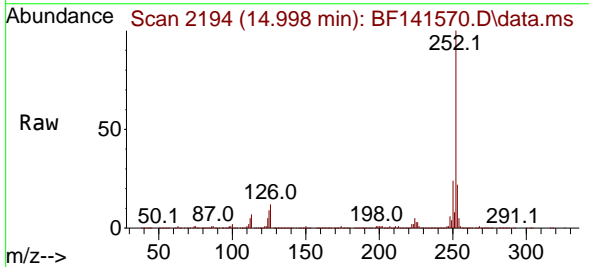
APPROVED

Reviewed By : Yogesh Patel 02/12/2025

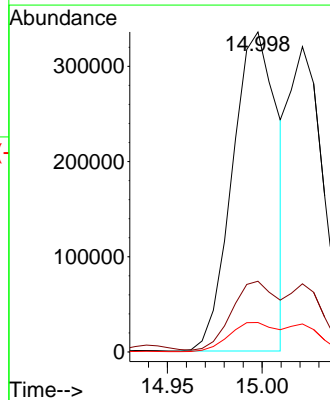
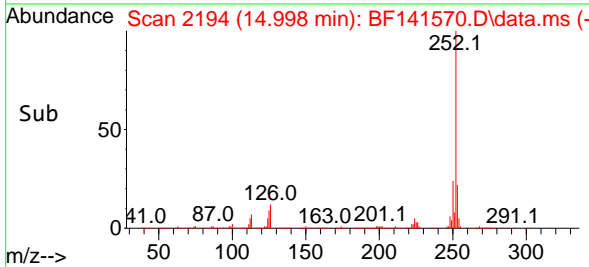
Supervised By : mohammad ahmed 02/12/2025

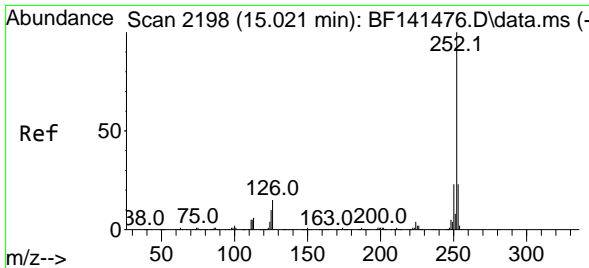


#88
 Benzo(b)fluoranthene
 Concen: 38.079 ng
 RT: 14.998 min Scan# 2194
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



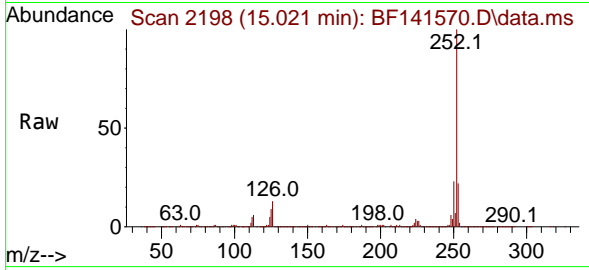
Tgt Ion: 252 Resp: 554429
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 9.2 7.0 10.6





#89
 Benzo(k)fluoranthene
 Concen: 31.655 ng m
 RT: 15.021 min Scan# 2198
 Delta R.T. -0.012 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

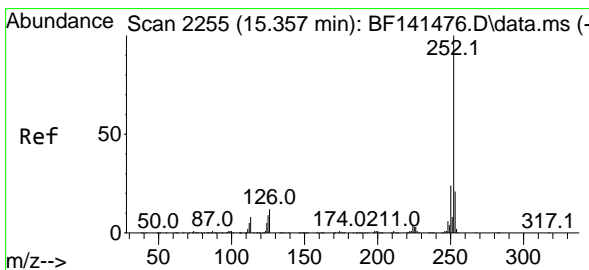
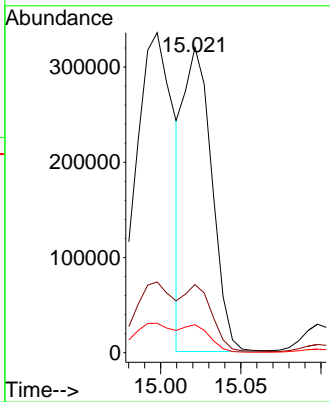
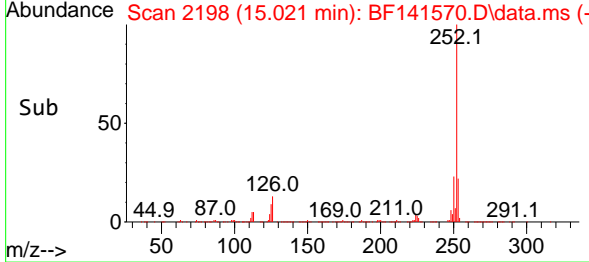
Instrument : BNA_F
 Client Sample Id : SOIL-COMPMS



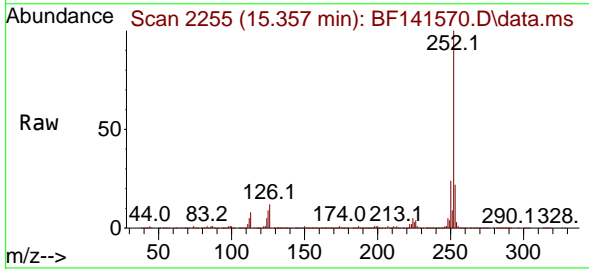
Tgt Ion: 252 Resp: 39357
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.0 27.0
 125 9.2 7.4 11.0

Manual Integrations
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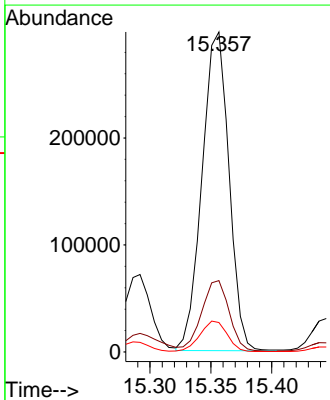
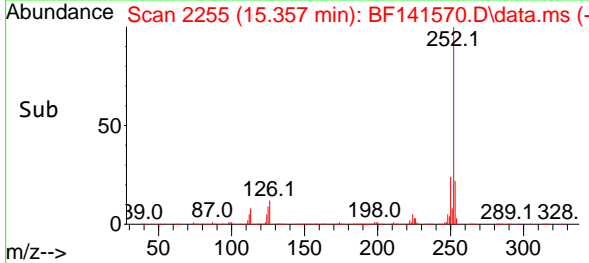
Reviewed By : Yogesh Patel 02/12/2025
 Supervised By : mohammad ahmed 02/12/2025

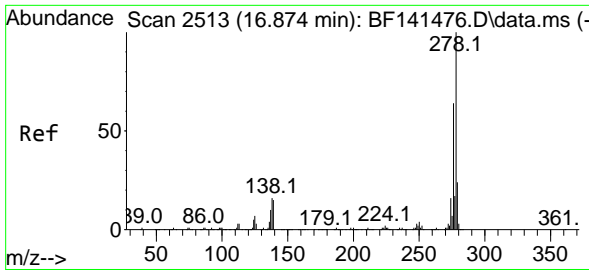


#90
 Benzo(a)pyrene
 Concen: 38.841 ng
 RT: 15.357 min Scan# 2255
 Delta R.T. -0.006 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion: 252 Resp: 457607
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.1 25.7
 125 9.2 7.4 11.2





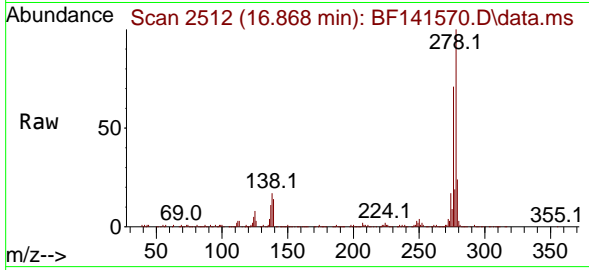
#91
 Dibenzo(a,h)anthracene
 Concen: 22.840 ng
 RT: 16.868 min Scan# 2512
 Delta R.T. -0.023 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53

Instrument :

BNA_F

Client Sample Id :

SOIL-COMPMS



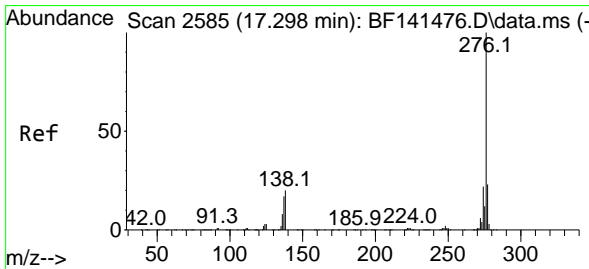
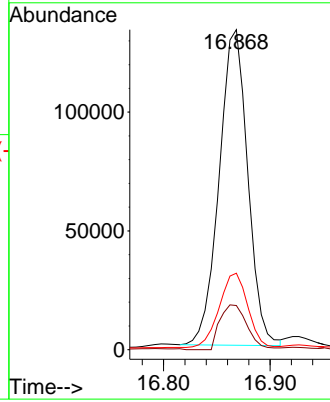
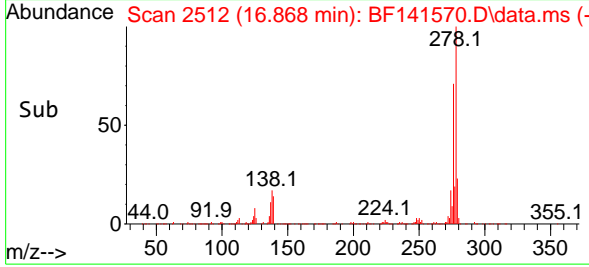
Tgt Ion:278 Resp: 24796
 Ion Ratio Lower Upper
 278 100
 139 13.8 11.8 17.6
 279 23.9 19.1 28.7

Manual Integrations

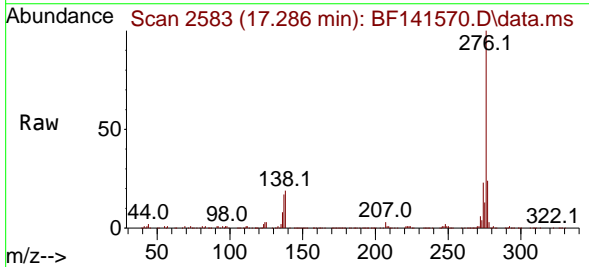
APPROVED

Reviewed By :Yogesh Patel 02/12/2025

Supervised By :mohammad ahmed 02/12/2025



#92
 Benzo(g,h,i)perylene
 Concen: 23.038 ng
 RT: 17.286 min Scan# 2583
 Delta R.T. -0.029 min
 Lab File: BF141570.D
 Acq: 11 Feb 2025 18:53



Tgt Ion:276 Resp: 261735
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.6 28.0
 138 19.1 15.9 23.9

