

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138824.D
 Acq On : 07 Aug 2024 00:30
 Operator : RC/JU
 Sample : P3352-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 07 01:07:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	44102	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	177312	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	101403	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	167284	20.000	ng	0.00
76) Chrysene-d12	14.004	240	82642	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	88651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	423375	148.189	ng	0.02
7) Phenol-d6	6.493	99	549375	143.223	ng	0.00
23) Nitrobenzene-d5	7.410	82	389554	107.414	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	143764	173.079	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	726441	107.637	ng	0.00
79) Terphenyl-d14	12.945	244	619616	125.530	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	54735	43.760	ng	# 78
3) Pyridine	3.546	79	120741	39.849	ng	97
4) n-Nitrosodimethylamine	3.469	42	110547	61.258	ng	88
6) Aniline	6.510	93	119751	35.006	ng	# 1
8) 2-Chlorophenol	6.634	128	182998	60.880	ng	97
10) Phenol	6.510	94	226967	56.199	ng	92
11) bis(2-Chloroethyl)ether	6.581	93	174007	55.989	ng	97
12) 1,3-Dichlorobenzene	6.781	146	182119	54.126	ng	99
13) 1,4-Dichlorobenzene	6.857	146	187677	55.270	ng	98
14) 1,2-Dichlorobenzene	7.010	146	179865	56.678	ng	100
15) Benzyl Alcohol	6.993	79	178557	64.586	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	274095	51.247	ng	# 46
17) 2-Methylphenol	7.110	107	149887	60.387	ng	# 87
18) Hexachloroethane	7.345	117	71553	55.980	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	144739	62.475	ng	97
20) 3+4-Methylphenols	7.263	107	200460	62.946	ng	# 81
22) Acetophenone	7.257	105	249743	57.525	ng	98
24) Nitrobenzene	7.428	77	208366	56.462	ng	99
25) Isophorone	7.669	82	379986	61.361	ng	99
26) 2-Nitrophenol	7.745	139	97831	61.617	ng	98
27) 2,4-Dimethylphenol	7.787	122	130668	68.785	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	221276	58.676	ng	99
29) 2,4-Dichlorophenol	7.987	162	156789	64.230	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	163478	58.032	ng	98
31) Naphthalene	8.145	128	546411	58.545	ng	100
32) Benzoic acid	7.934	122	69712	46.684	ng	98
33) 4-Chloroaniline	8.192	127	73672	23.515	ng	98
34) Hexachlorobutadiene	8.251	225	97876	57.363	ng	99
35) Caprolactam	8.592	113	35621m	48.905	ng	
36) 4-Chloro-3-methylphenol	8.692	107	181585	65.090	ng	99
37) 2-Methylnaphthalene	8.834	142	366524	62.182	ng	100
38) 1-Methylnaphthalene	8.934	142	337638	58.456	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	156614	55.599	ng	99
41) Hexachlorocyclopentadiene	8.981	237	113488	145.927	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	105435	61.390	ng	99
44) 2,4,5-Trichlorophenol	9.175	196	112376	59.852	ng	98

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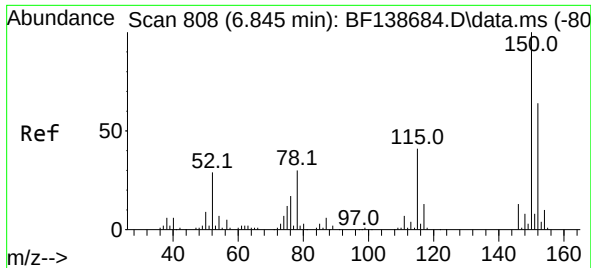
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.298	154	441856	55.637	ng	99
47) 2-Chloronaphthalene	9.328	162	342457	57.979	ng	99
48) 2-Nitroaniline	9.428	65	122809	61.332	ng	99
49) Acenaphthylene	9.739	152	541774	64.672	ng	99
50) Dimethylphthalate	9.604	163	414442	63.919	ng	100
51) 2,6-Dinitrotoluene	9.669	165	91033	62.211	ng	92
52) Acenaphthene	9.910	154	332952	59.125	ng	99
53) 3-Nitroaniline	9.839	138	59208	39.141	ng	100
54) 2,4-Dinitrophenol	9.957	184	84077	124.818	ng	89
55) Dibenzofuran	10.086	168	485932	61.130	ng	99
56) 4-Nitrophenol	10.022	139	91915	101.043	ng	97
57) 2,4-Dinitrotoluene	10.081	165	118622	63.539	ng	# 85
58) Fluorene	10.428	166	396307	62.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	97833	68.156	ng	98
60) Diethylphthalate	10.298	149	400175	65.092	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	194343	62.423	ng	98
62) 4-Nitroaniline	10.463	138	86137	59.920	ng	92
63) Azobenzene	10.575	77	418850	61.428	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	63837	62.550	ng	98
66) n-Nitrosodiphenylamine	10.539	169	336733	64.398	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	112691	62.220	ng	99
68) Hexachlorobenzene	10.975	284	115057	61.526	ng	97
69) Atrazine	11.069	200	91214	67.612	ng	99
70) Pentachlorophenol	11.175	266	100169	118.838	ng	98
71) Phenanthrene	11.392	178	543679	63.117	ng	100
72) Anthracene	11.439	178	554869	65.388	ng	100
73) Carbazole	11.598	167	455669	62.241	ng	99
74) Di-n-butylphthalate	11.916	149	590397	71.736	ng	100
75) Fluoranthene	12.575	202	482920	60.054	ng	99
77) Benzidine	12.698	184	14834	7.505	ng	98
78) Pyrene	12.804	202	474206	60.944	ng	99
80) Butylbenzylphthalate	13.416	149	178082	71.470	ng	96
81) Benzo(a)anthracene	13.992	228	368291	64.716	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	78087	53.619	ng	98
83) Chrysene	14.027	228	326184	63.531	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	232366	63.685	ng	100
85) Di-n-octyl phthalate	14.580	149	382944	56.727	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	365969	57.605	ng	96
88) Benzo(b)fluoranthene	15.039	252	348835	63.477	ng	97
89) Benzo(k)fluoranthene	15.068	252	319929	67.239	ng	98
90) Benzo(a)pyrene	15.404	252	312331	67.568	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	299504	57.431	ng	98
92) Benzo(g,h,i)perylene	17.380	276	267877	49.500	ng	96

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



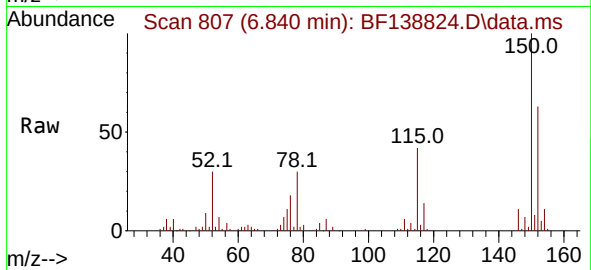
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

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BNA_F

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SOIL-COMPMS

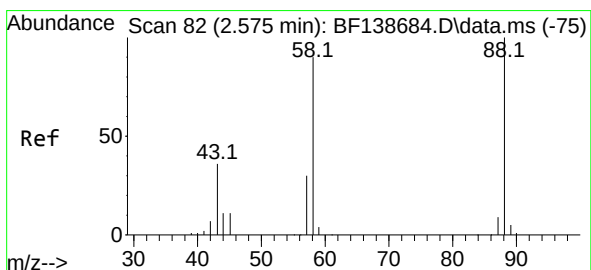
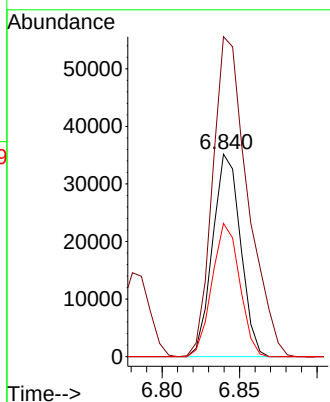
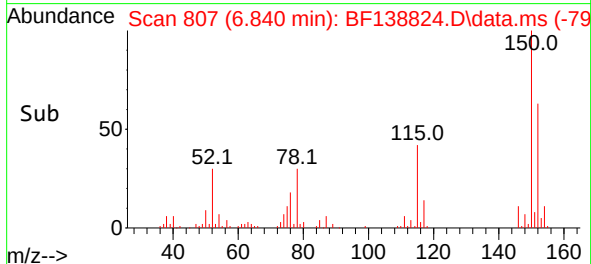


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Ion Ratio Lower Upper
152 100
150 157.9 126.0 189.0
115 65.8 51.7 77.5

Manual Integrations

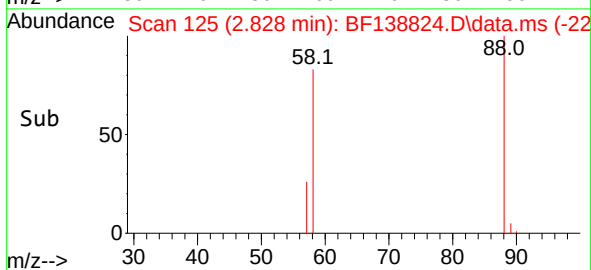
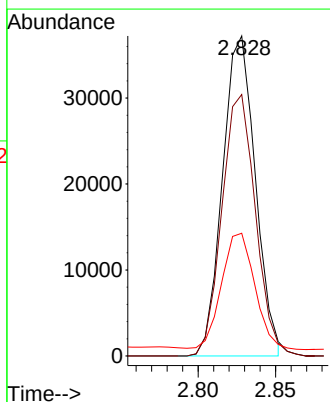
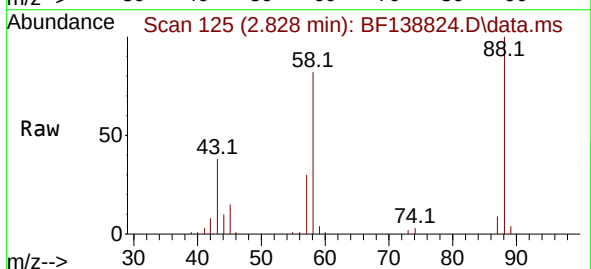
APPROVED

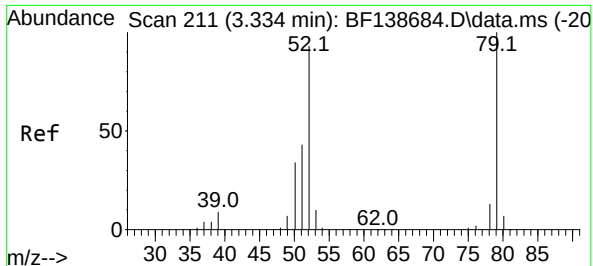
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#2
1,4-Dioxane
Concen: 43.760 ng
RT: 2.828 min Scan# 125
Delta R.T. 0.253 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Tgt Ion: 88 Resp: 54735
Ion Ratio Lower Upper
88 100
58 83.3 71.6 107.4
43 0.0 28.7 43.1#





#3

Pyridine

Concen: 39.849 ng

RT: 3.546 min Scan# 247

Delta R.T. 0.212 min

Lab File: BF138824.D

Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

Tgt Ion: 79 Resp: 12074

Ion Ratio Lower Upper

79 100

52 91.9 74.7 112.1

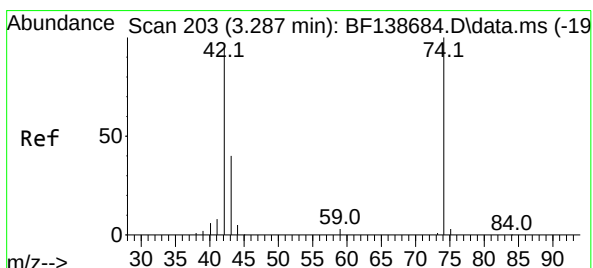
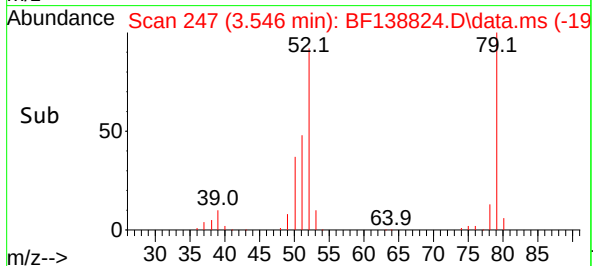
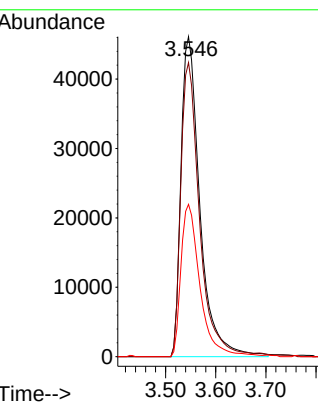
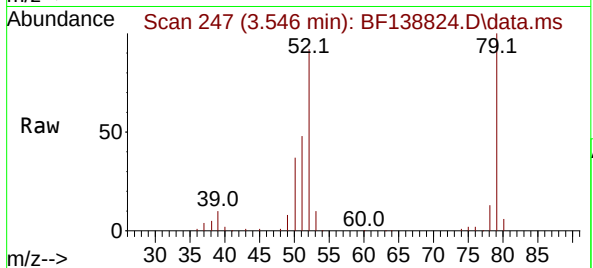
51 47.6 34.6 51.8

Manual Integrations

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Supervised By :mohammad ahmed 08/08/2024



#4

n-Nitrosodimethylamine

Concen: 61.258 ng

RT: 3.469 min Scan# 234

Delta R.T. 0.182 min

Lab File: BF138824.D

Acq: 07 Aug 2024 00:30

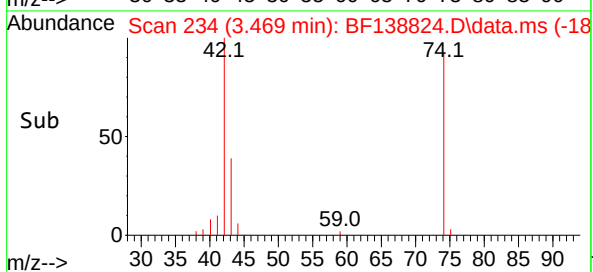
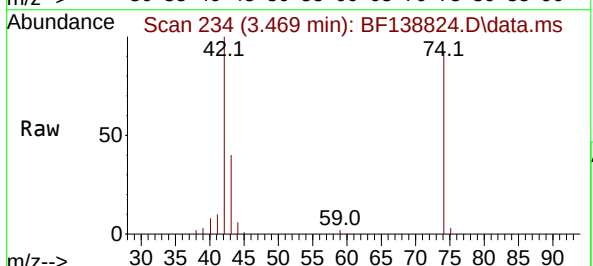
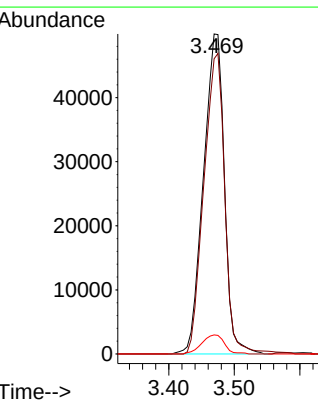
Tgt Ion: 42 Resp: 110547

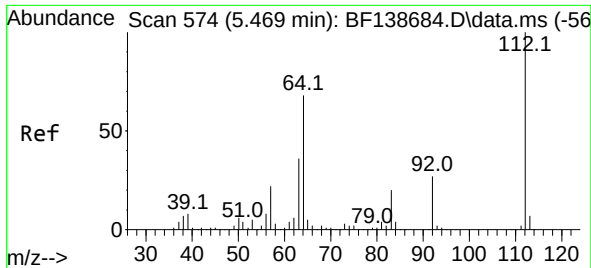
Ion Ratio Lower Upper

42 100

74 92.2 84.2 126.4

44 5.9 4.9 7.3





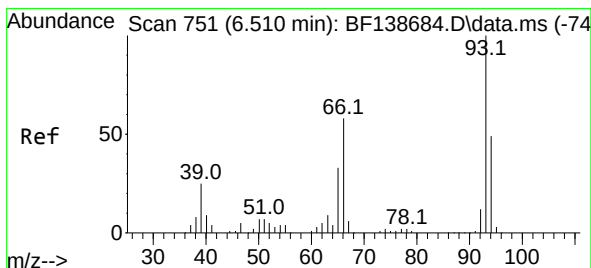
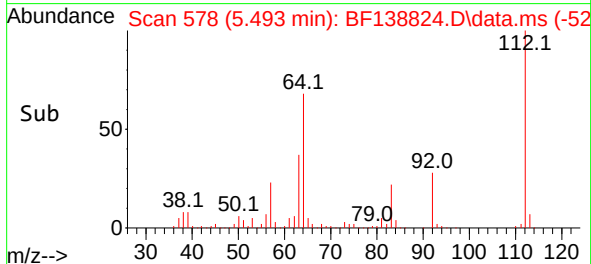
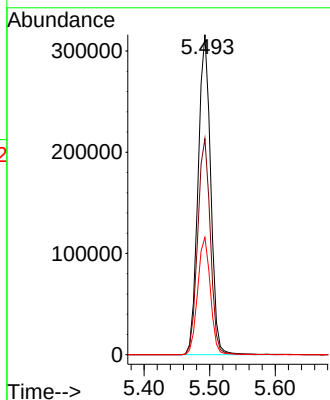
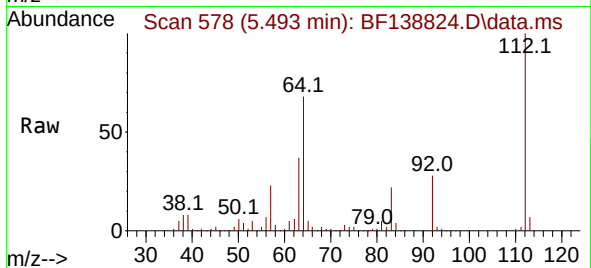
#5
2-Fluorophenol
Concen: 148.189 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS

Tgt Ion:112 Resp: 423375
Ion Ratio Lower Upper
112 100
64 67.5 54.2 81.4
63 36.6 28.7 43.1

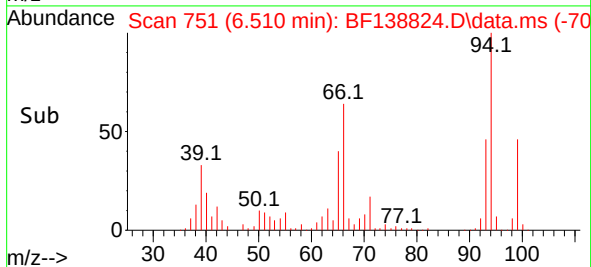
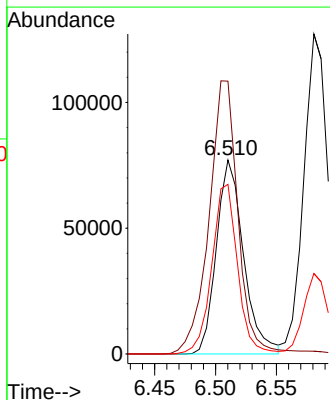
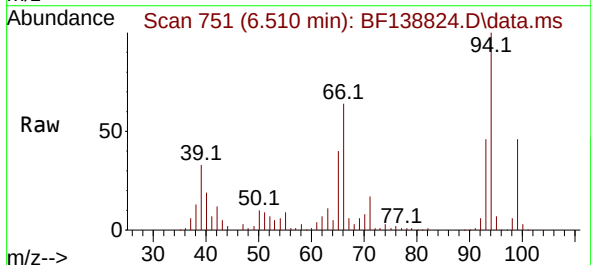
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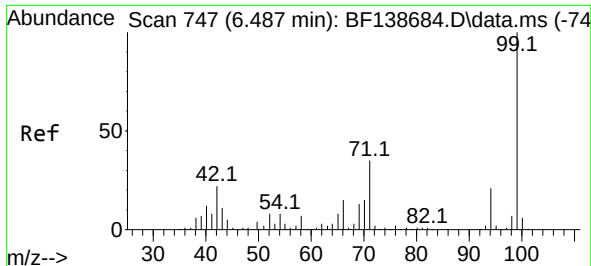
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#6
Aniline
Concen: 35.006 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

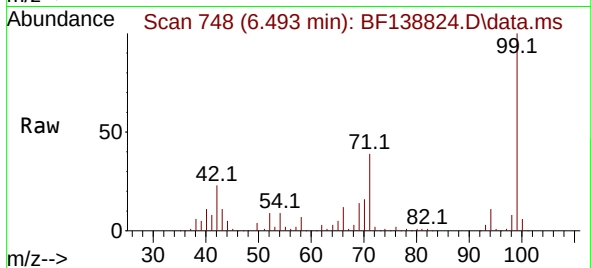
Tgt Ion: 93 Resp: 119751
Ion Ratio Lower Upper
93 100
66 140.7 46.9 70.3#
65 87.4 26.5 39.7#





#7
Phenol-d6
Concen: 143.223 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

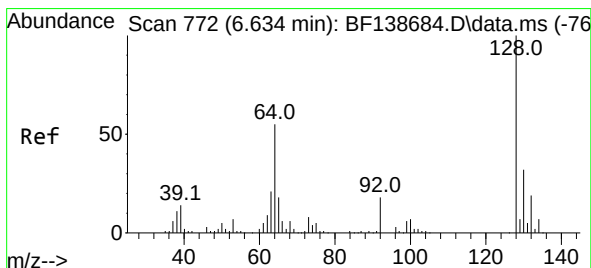
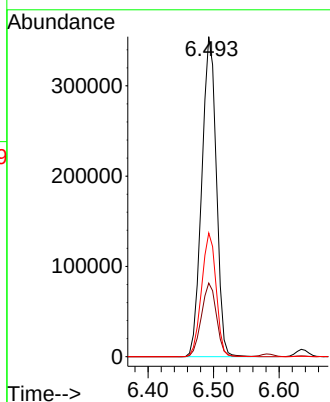
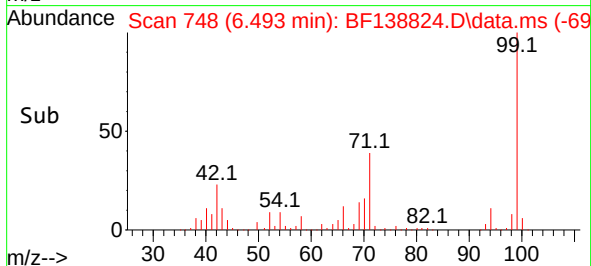
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



Tgt Ion: 99 Resp: 549375
Ion Ratio Lower Upper
99 100
42 23.0 17.4 26.0
71 38.7 28.1 42.1

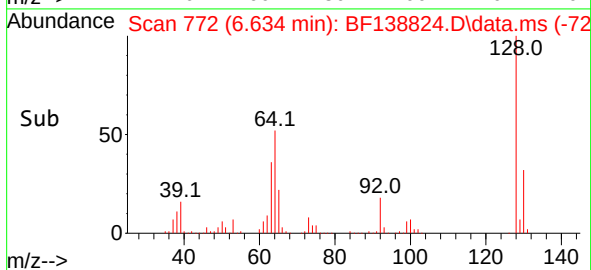
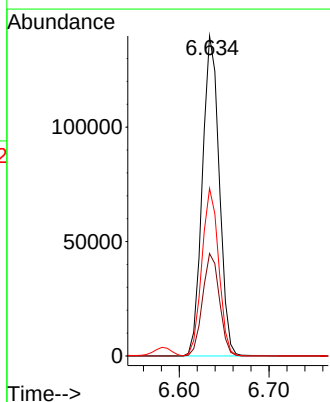
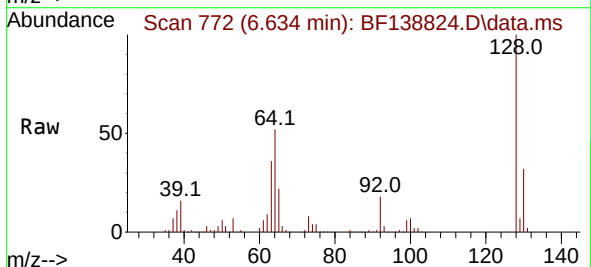
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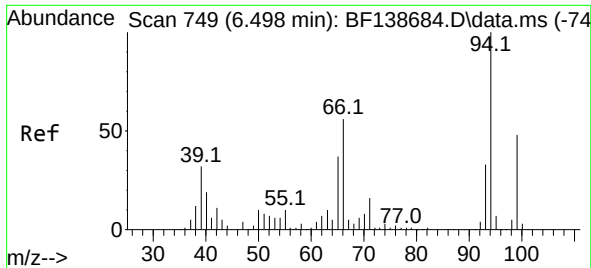
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#8
2-Chlorophenol
Concen: 60.880 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

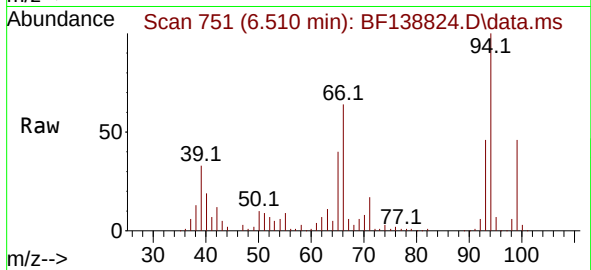
Tgt Ion:128 Resp: 182998
Ion Ratio Lower Upper
128 100
130 32.0 12.0 52.0
64 52.3 36.3 76.3





#10
Phenol
Concen: 56.199 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

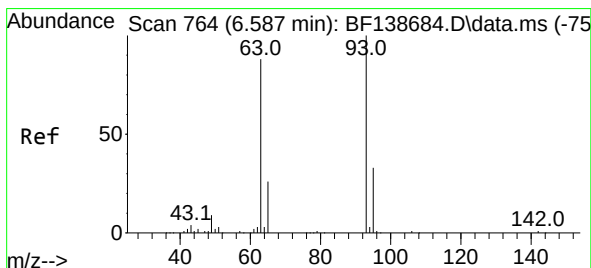
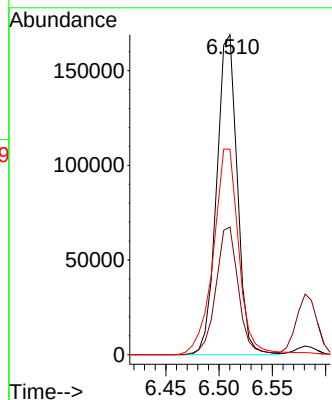
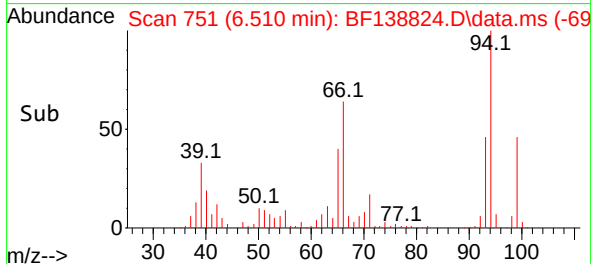
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



Tgt Ion: 94 Resp: 22696
Ion Ratio Lower Upper
94 100
65 39.9 16.9 56.9
66 64.2 36.5 76.5

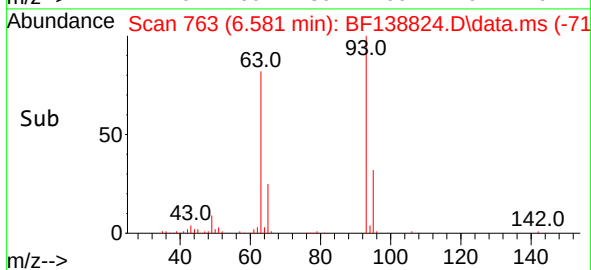
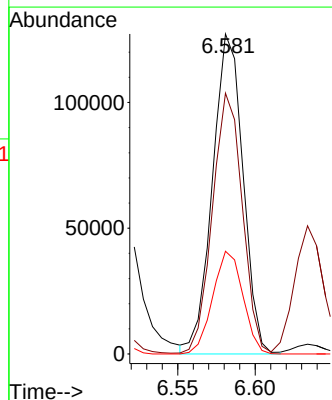
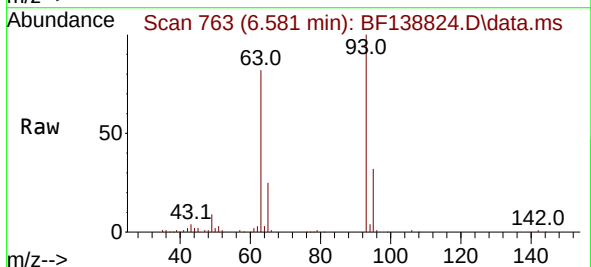
Manual Integrations
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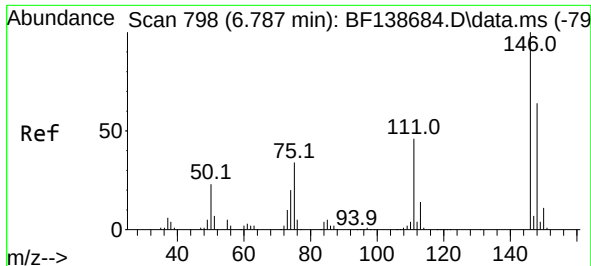
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#11
bis(2-Chloroethyl)ether
Concen: 55.989 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

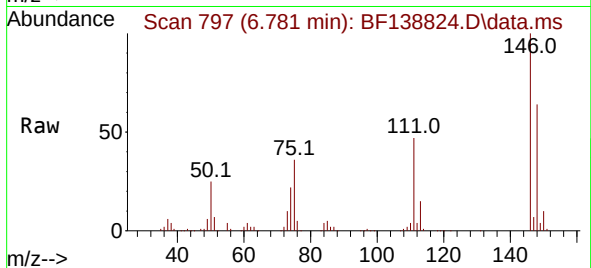
Tgt Ion: 93 Resp: 174007
Ion Ratio Lower Upper
93 100
63 81.5 65.3 105.3
95 32.1 12.4 52.4





#12
1,3-Dichlorobenzene
Concen: 54.126 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

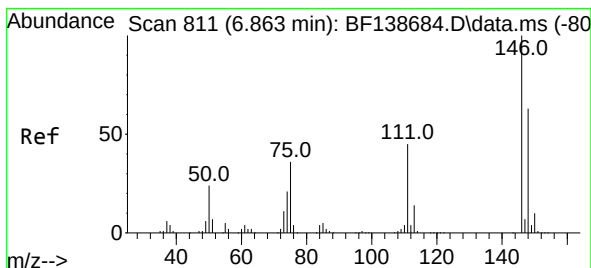
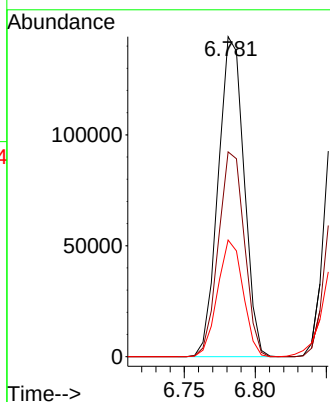
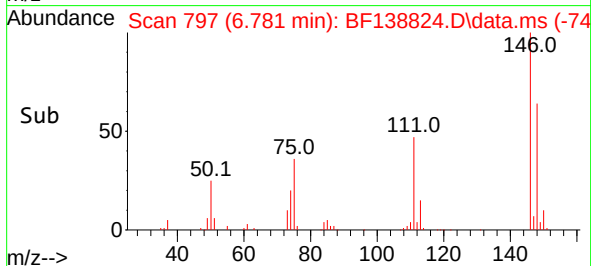
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



Tgt Ion:146 Resp: 182119
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 36.4 27.4 41.2

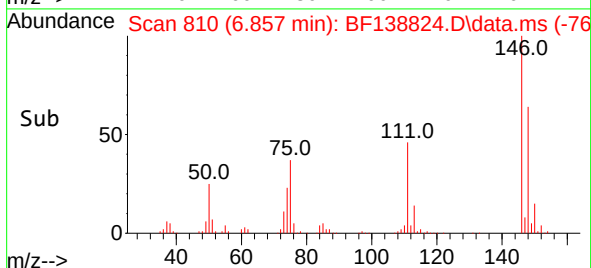
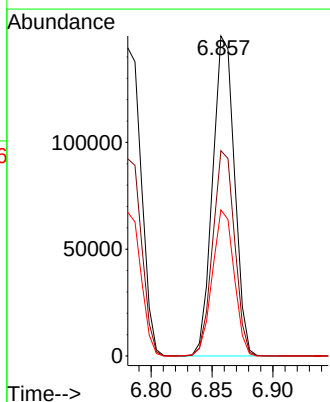
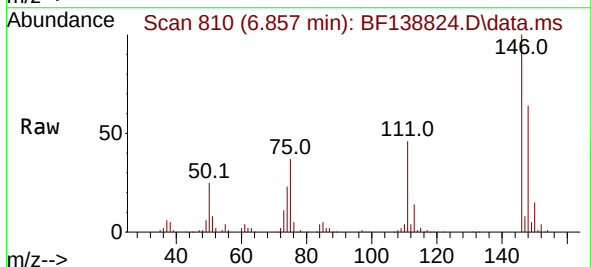
Manual Integrations
APPROVED

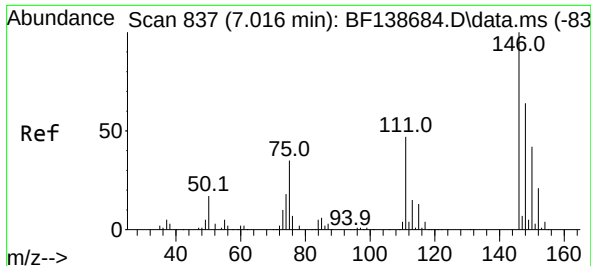
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#13
1,4-Dichlorobenzene
Concen: 55.270 ng
RT: 6.857 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Tgt Ion:146 Resp: 187677
Ion Ratio Lower Upper
146 100
148 64.2 50.2 75.2
111 45.7 35.9 53.9





#14

1,2-Dichlorobenzene

Concen: 56.678 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF138824.D

Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

Tgt Ion:146 Resp: 17986

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

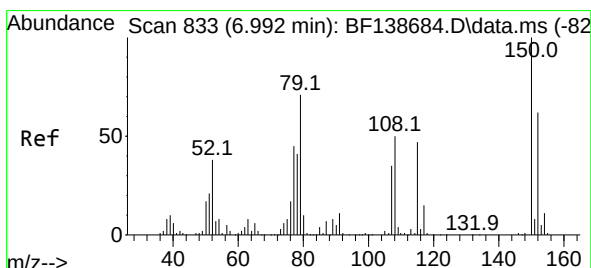
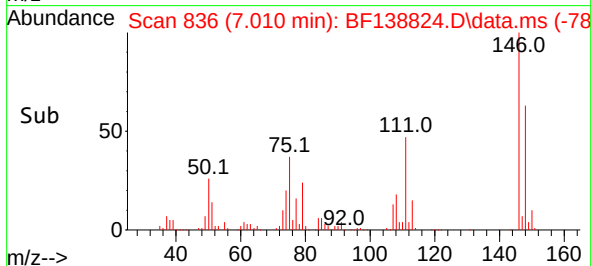
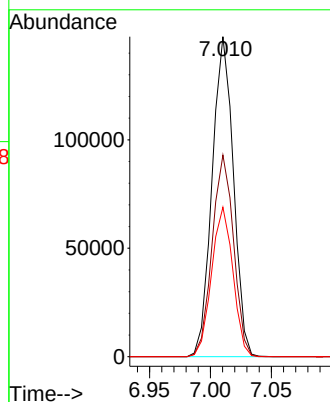
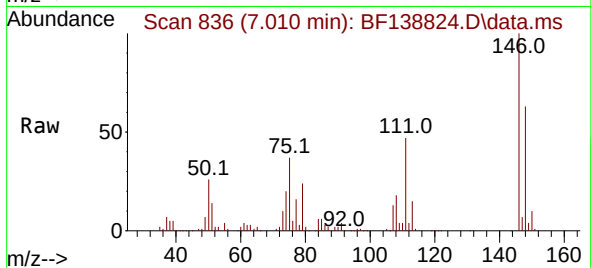
111 46.7 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#15

Benzyl Alcohol

Concen: 64.586 ng

RT: 6.993 min Scan# 833

Delta R.T. 0.000 min

Lab File: BF138824.D

Acq: 07 Aug 2024 00:30

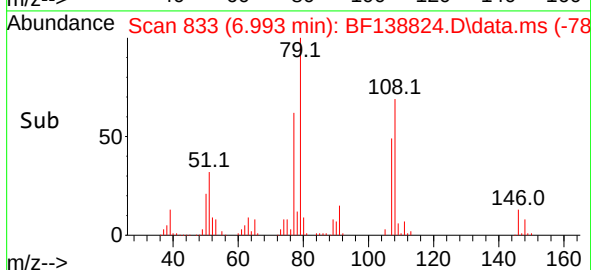
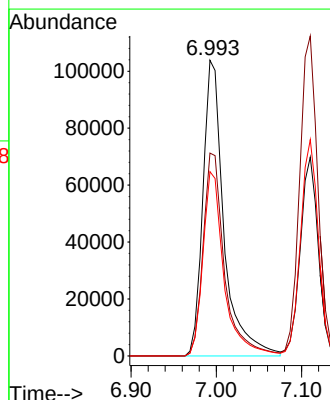
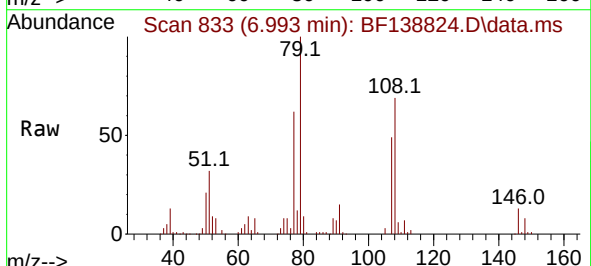
Tgt Ion: 79 Resp: 178557

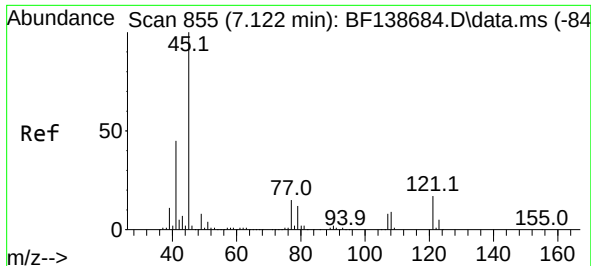
Ion Ratio Lower Upper

79 100

108 68.6 56.6 85.0

77 62.3 50.3 75.5





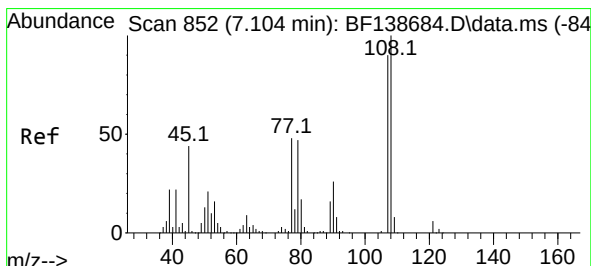
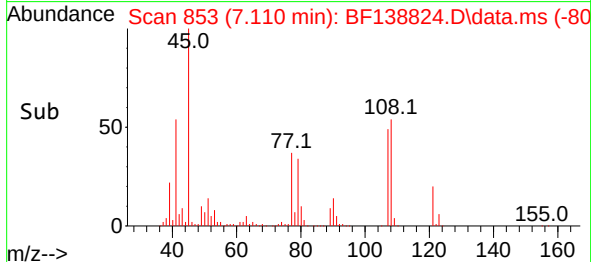
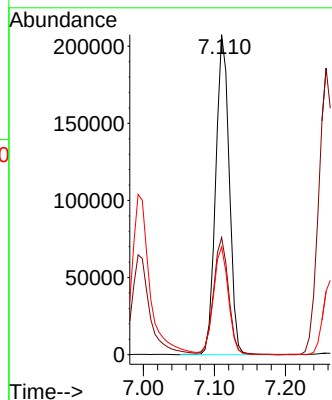
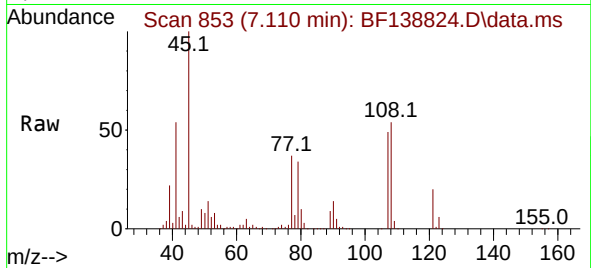
#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.247 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS

Tgt Ion: 45 Resp: 274095
Ion Ratio Lower Upper
45 100
77 36.6 0.0 34.9
79 33.7 0.0 32.2

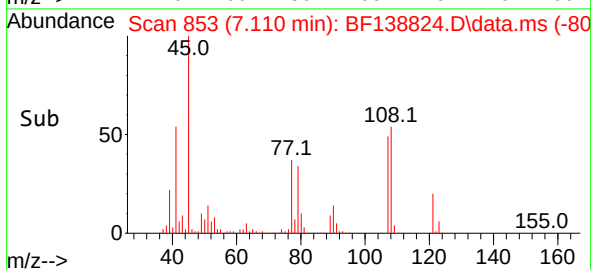
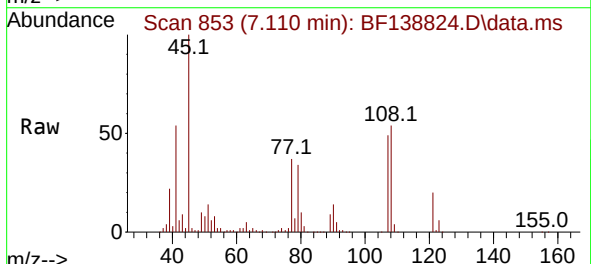
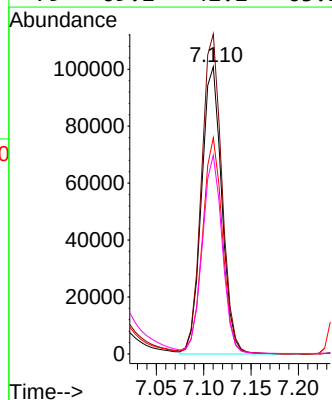
Manual Integrations
APPROVED

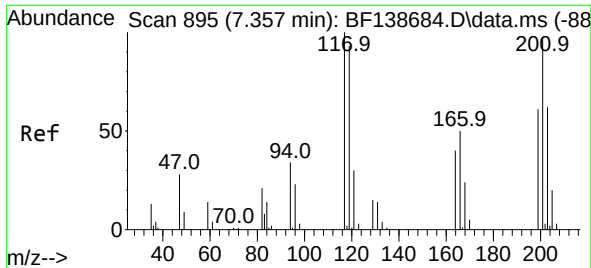
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#17
2-Methylphenol
Concen: 60.387 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Tgt Ion:107 Resp: 149887
Ion Ratio Lower Upper
107 100
108 111.4 89.2 133.8
77 75.3 43.0 64.4#
79 69.2 42.2 63.2#





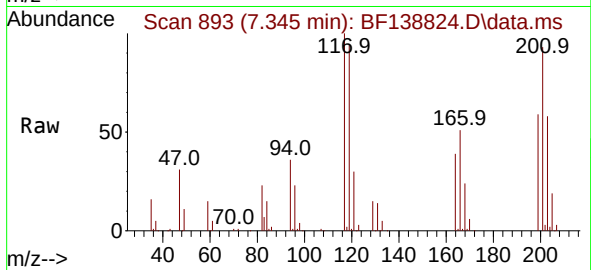
#18
Hexachloroethane
Concen: 55.980 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

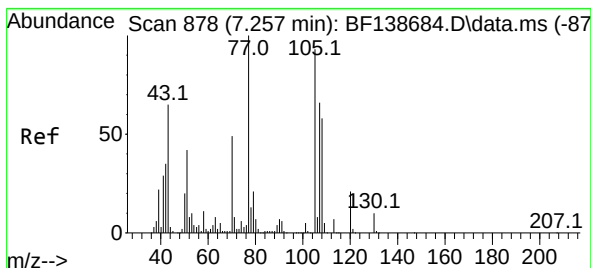
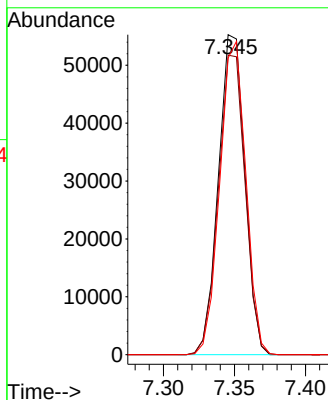
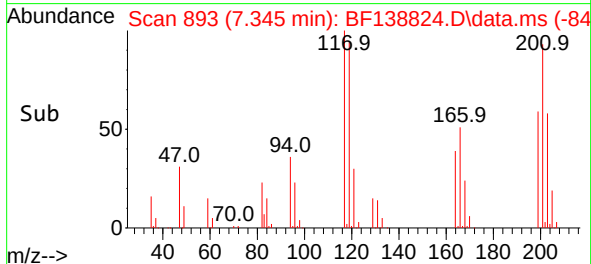


Tgt Ion: 117 Resp: 7155
Ion Ratio Lower Upper
117 100
119 93.6 74.6 111.8
201 92.7 77.2 115.8

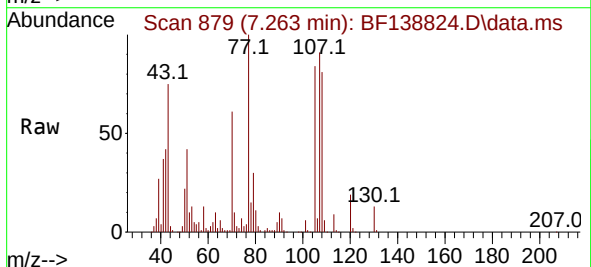
Manual Integrations

APPROVED

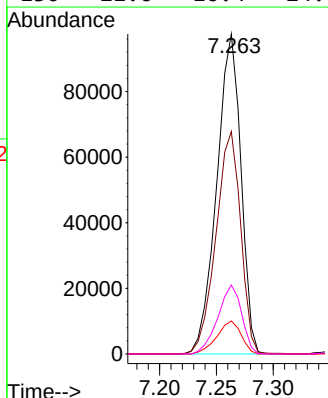
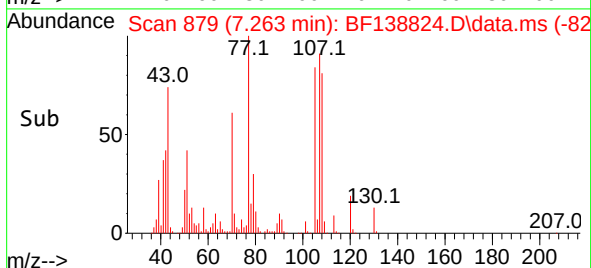
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

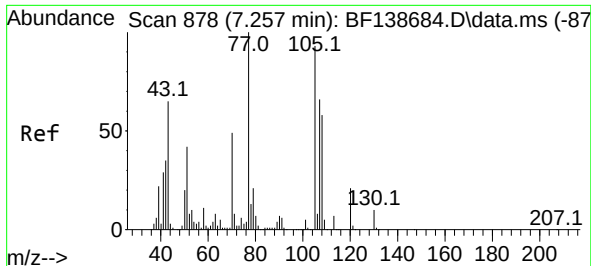


#19
n-Nitroso-di-n-propylamine
Concen: 62.475 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30



Tgt Ion: 70 Resp: 144739
Ion Ratio Lower Upper
70 100
42 69.5 57.4 86.0
101 10.3 7.5 11.3
130 21.6 16.4 24.6





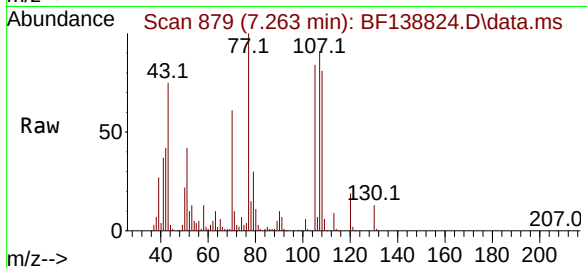
#20
3+4-Methylphenols
Concen: 62.946 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

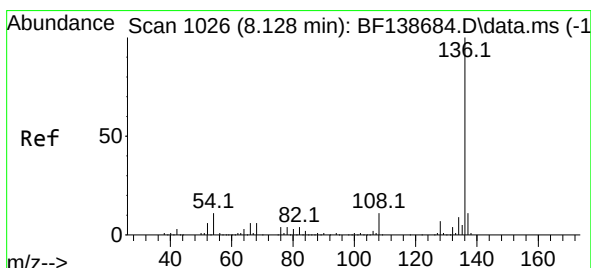
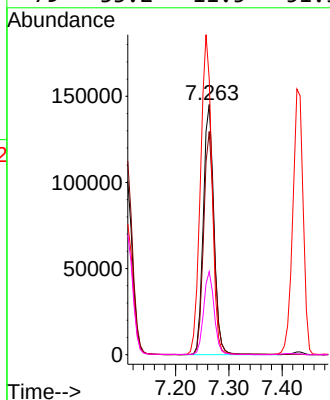
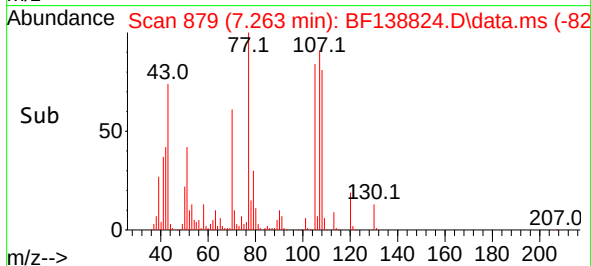


Tgt Ion:107 Resp: 200460
Ion Ratio Lower Upper
107 100
108 89.2 68.2 108.2
77 110.0 132.1 172.1
79 33.2 11.5 51.5

Manual Integrations

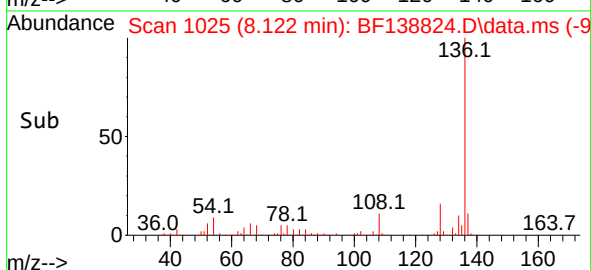
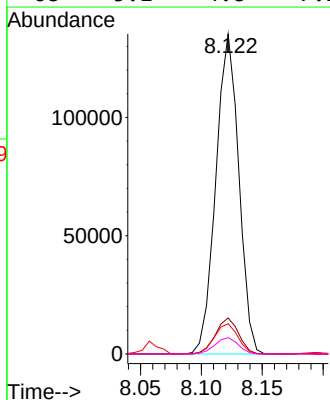
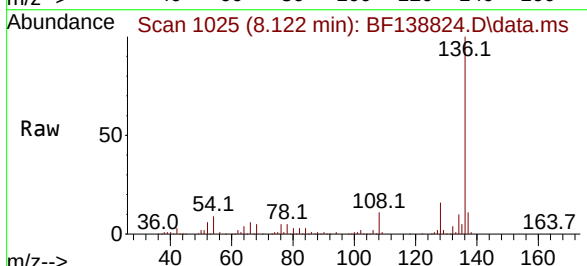
APPROVED

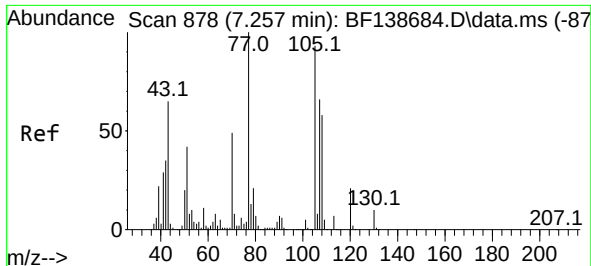
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

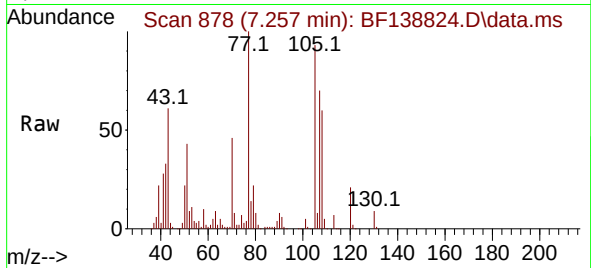
Tgt Ion:136 Resp: 177312
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.5 8.6 12.8
68 5.1 4.8 7.2





#22
Acetophenone
Concen: 57.525 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

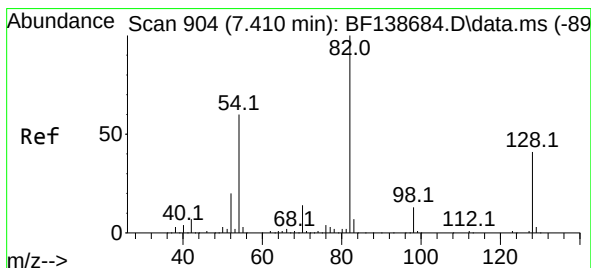
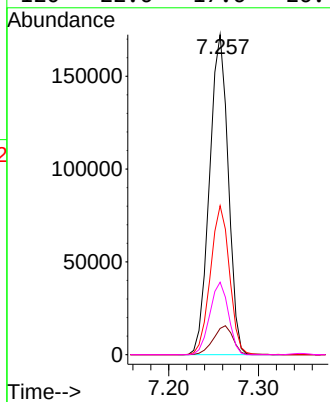
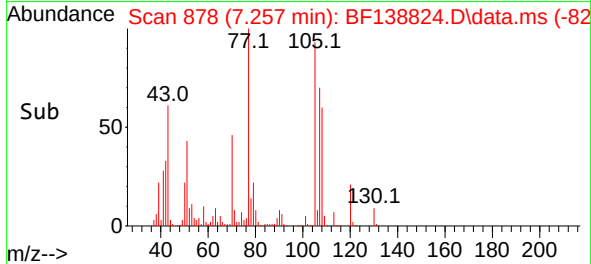
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



Tgt Ion: 105 Resp: 24974
Ion Ratio Lower Upper
105 100
71 8.2 7.2 10.8
51 46.6 35.9 53.9
120 22.6 17.6 26.4

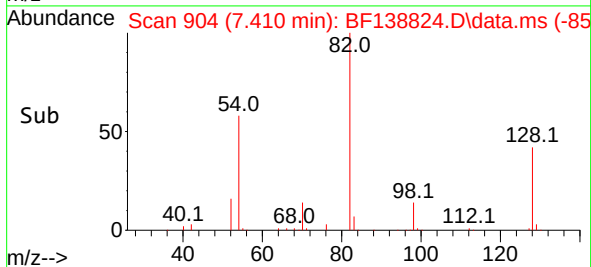
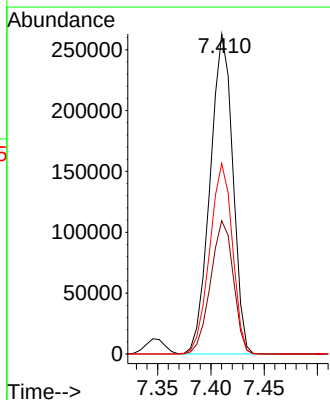
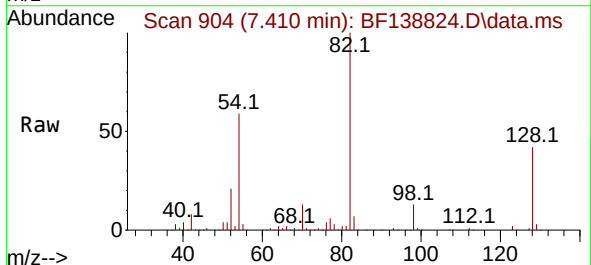
Manual Integrations
APPROVED

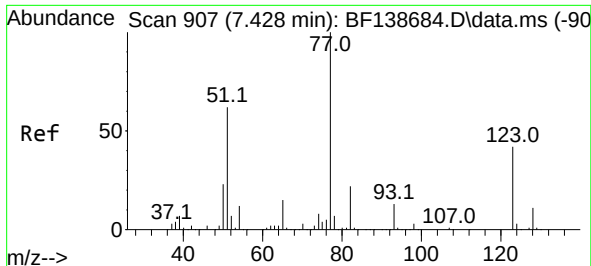
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#23
Nitrobenzene-d5
Concen: 107.414 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Tgt Ion: 82 Resp: 389554
Ion Ratio Lower Upper
82 100
128 41.6 32.8 49.2
54 59.5 48.3 72.5





#24
Nitrobenzene
Concen: 56.462 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

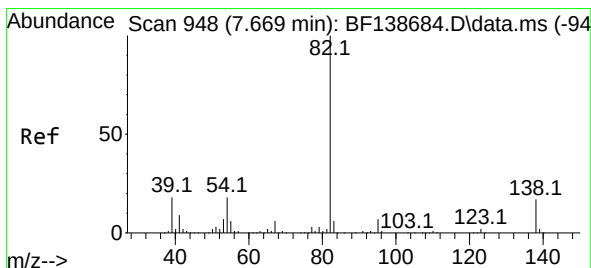
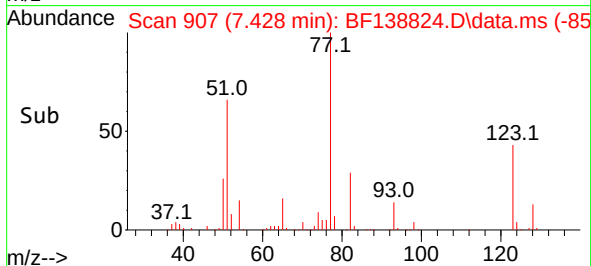
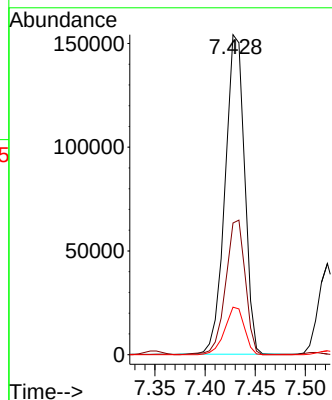
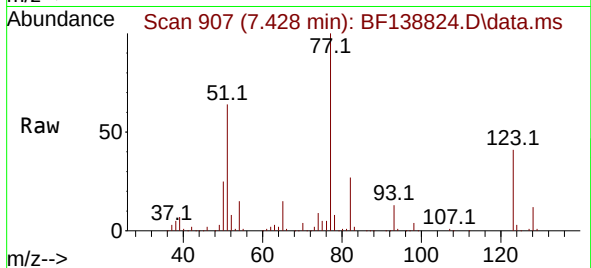
SOIL-COMPMS

Tgt Ion: 77 Resp: 208360
Ion Ratio Lower Upper
77 100
123 41.2 33.3 49.9
65 14.8 11.9 17.9

Manual Integrations

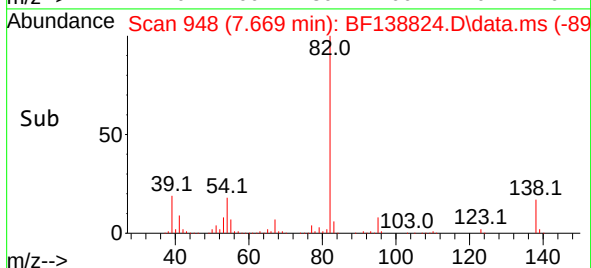
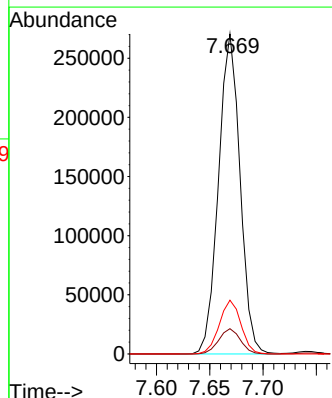
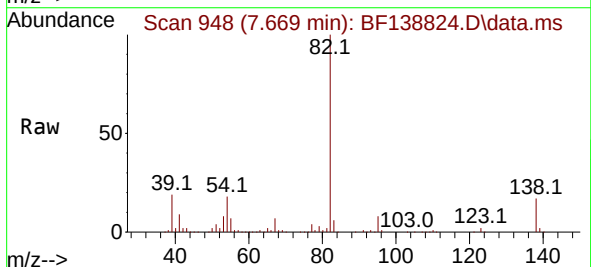
APPROVED

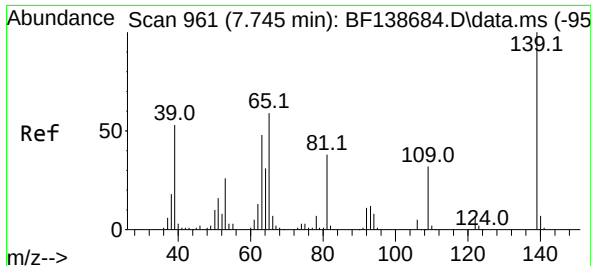
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#25
Isophorone
Concen: 61.361 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Tgt Ion: 82 Resp: 379986
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 16.8 13.7 20.5





#26
2-Nitrophenol
Concen: 61.617 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

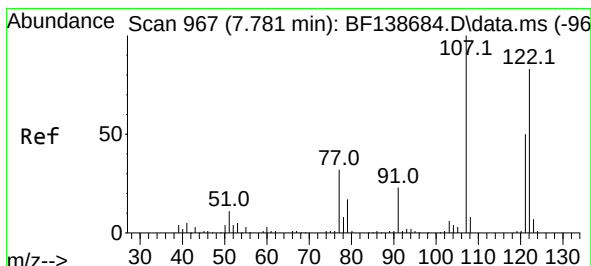
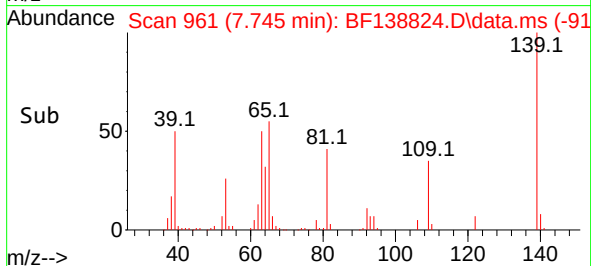
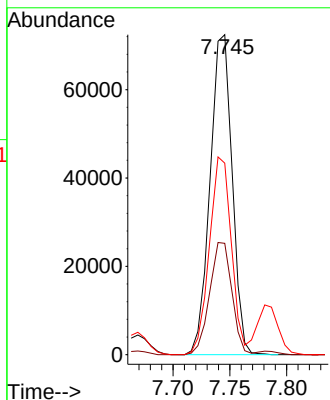
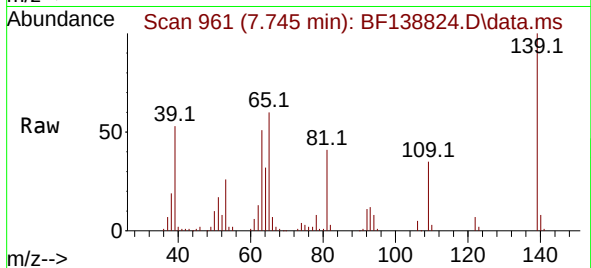
ClientSampleId :

SOIL-COMPMS

Tgt Ion:139 Resp: 9783
Ion Ratio Lower Upper
139 100
109 34.8 25.9 38.9
65 59.8 47.0 70.6

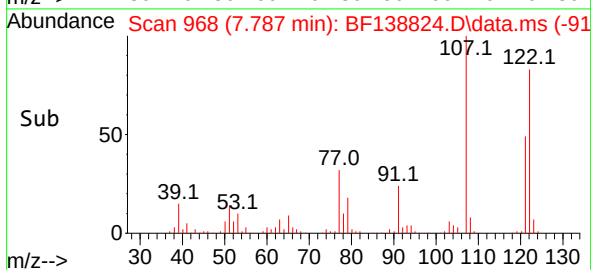
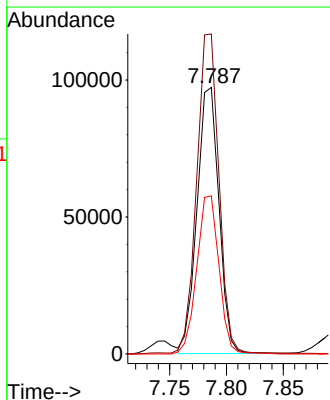
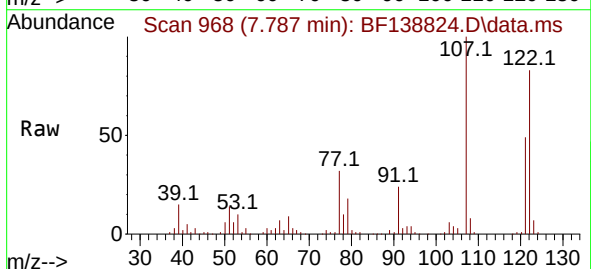
Manual Integrations
APPROVED

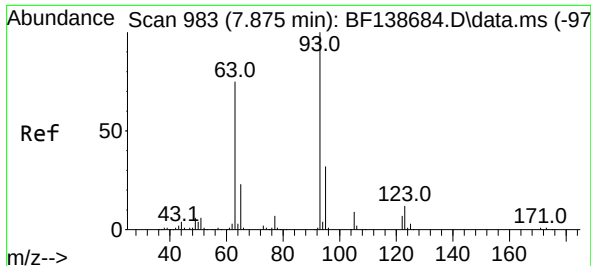
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#27
2,4-Dimethylphenol
Concen: 68.785 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

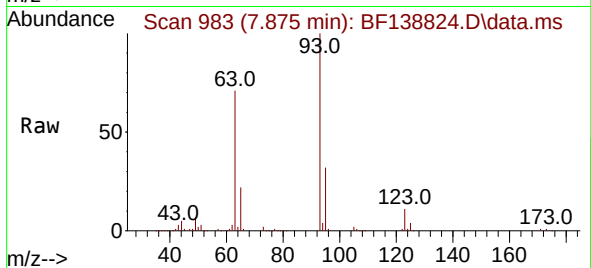
Tgt Ion:122 Resp: 130668
Ion Ratio Lower Upper
122 100
107 120.1 95.0 142.6
121 59.3 47.3 70.9





#28
bis(2-Chloroethoxy)methane
Concen: 58.676 ng
RT: 7.875 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

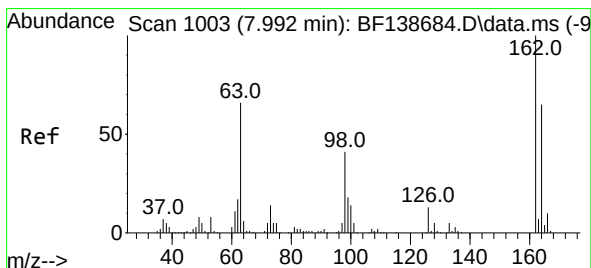
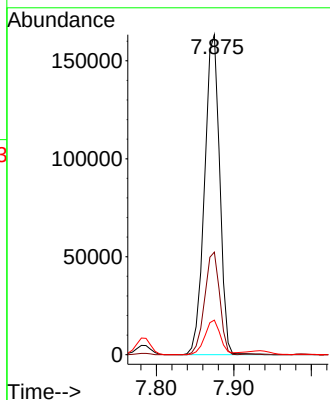
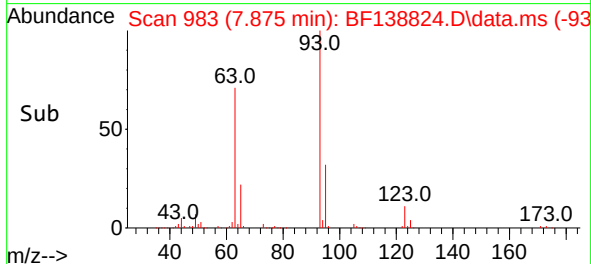
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



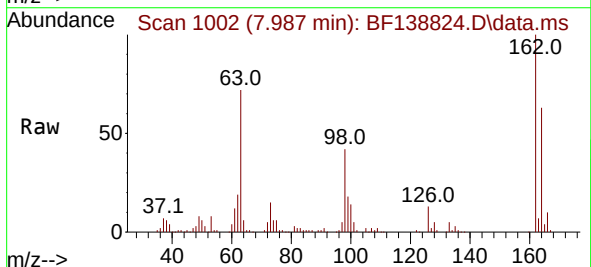
Tgt Ion: 93 Resp: 221270
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.8
123 10.8 9.4 14.0

Manual Integrations
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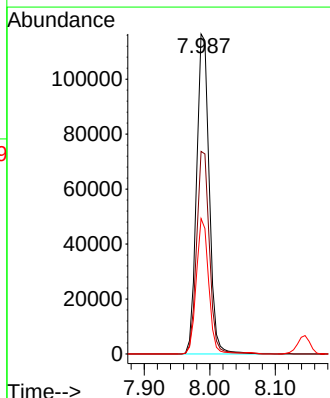
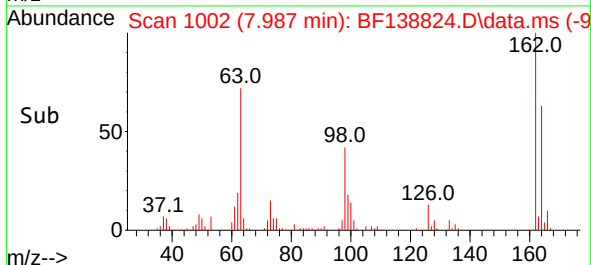
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

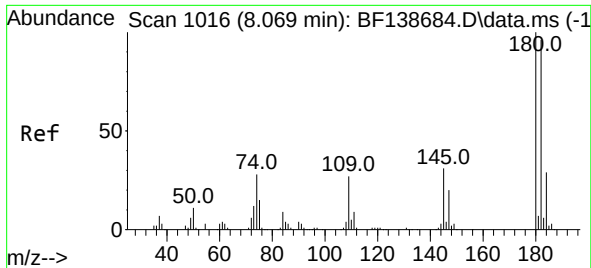


#29
2,4-Dichlorophenol
Concen: 64.230 ng
RT: 7.987 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30



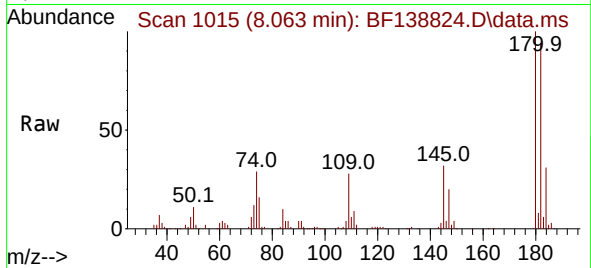
Tgt Ion:162 Resp: 156789
Ion Ratio Lower Upper
162 100
164 63.3 44.7 84.7
98 42.3 20.8 60.8





#30
1,2,4-Trichlorobenzene
Concen: 58.032 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

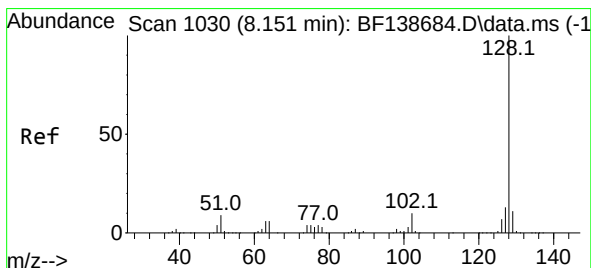
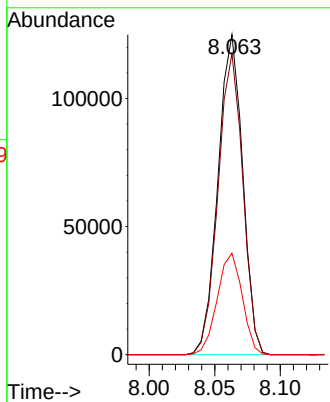
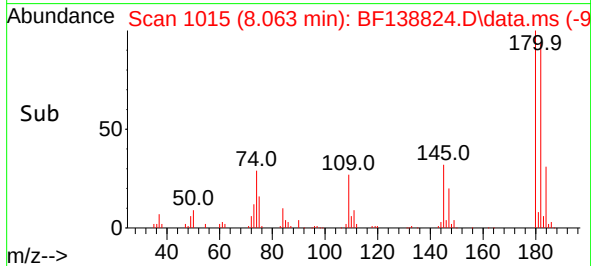
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



Tgt Ion:180 Resp: 163478
Ion Ratio Lower Upper
180 100
182 94.1 76.9 115.3
145 31.7 25.0 37.4

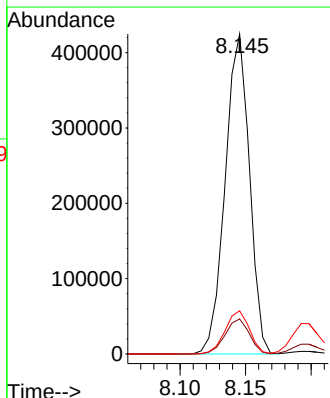
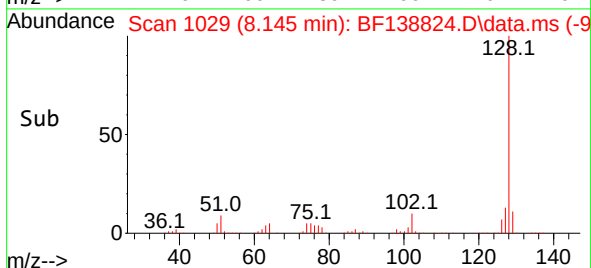
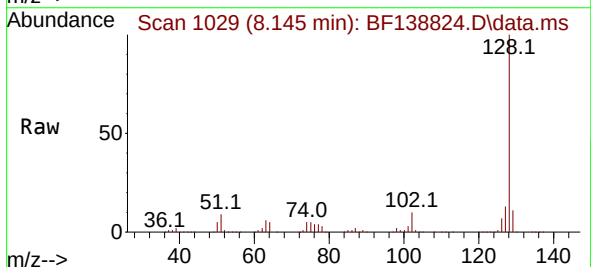
Manual Integrations
APPROVED

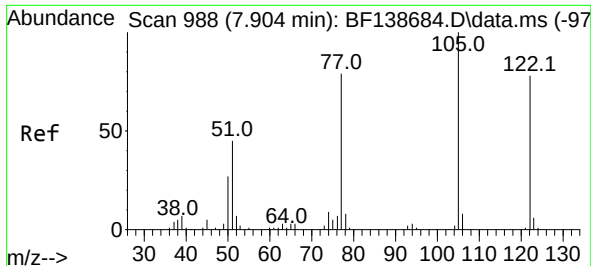
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#31
Naphthalene
Concen: 58.545 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Tgt Ion:128 Resp: 546411
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.6 16.0





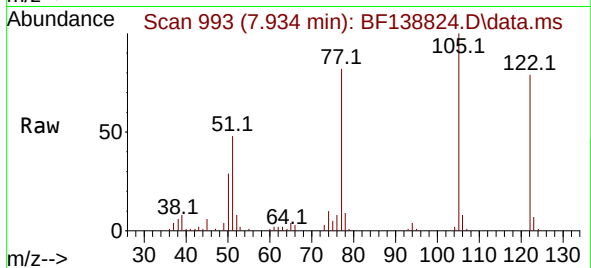
#32
Benzoic acid
Concen: 46.684 ng
RT: 7.934 min Scan# 91
Delta R.T. 0.030 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

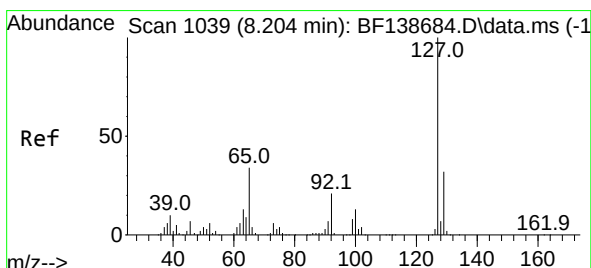
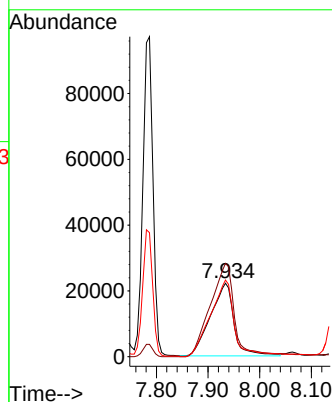
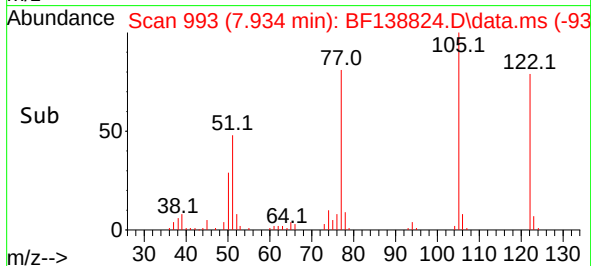


Tgt Ion:122 Resp: 69712
Ion Ratio Lower Upper
122 100
105 127.0 106.7 146.7
77 104.4 81.1 121.1

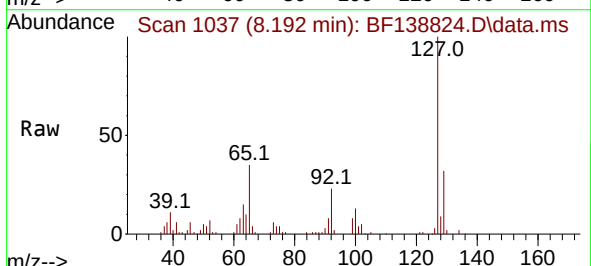
Manual Integrations

APPROVED

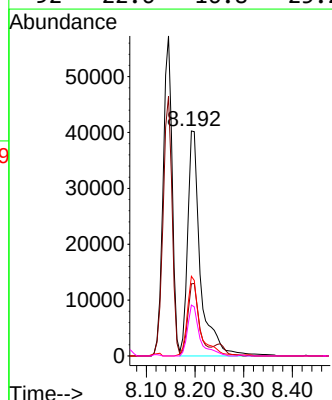
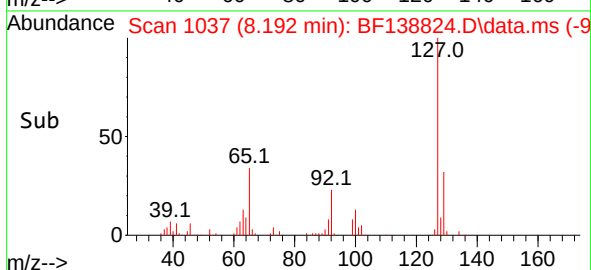
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

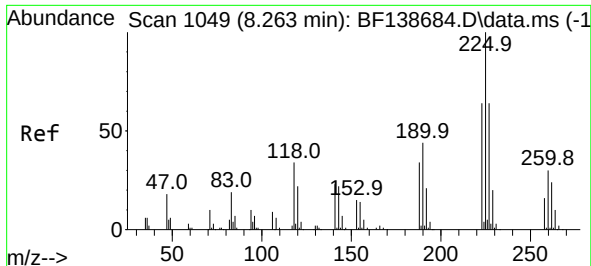


#33
4-Chloroaniline
Concen: 23.515 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30



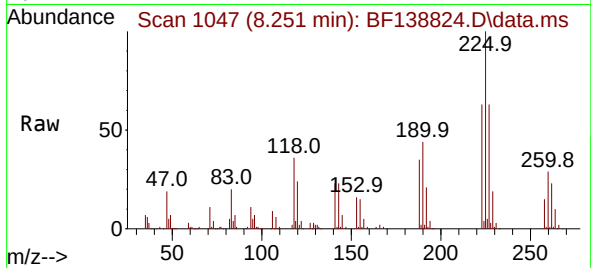
Tgt Ion:127 Resp: 73672
Ion Ratio Lower Upper
127 100
129 32.1 25.9 38.9
65 35.5 27.6 41.4
92 22.6 16.8 25.2





#34
Hexachlorobutadiene
Concen: 57.363 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

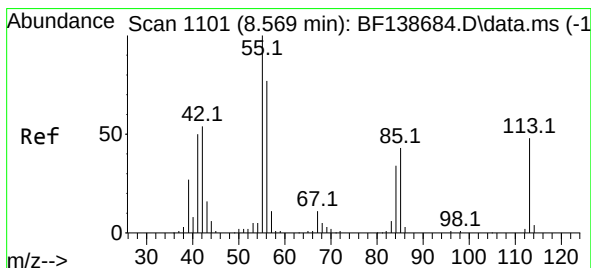
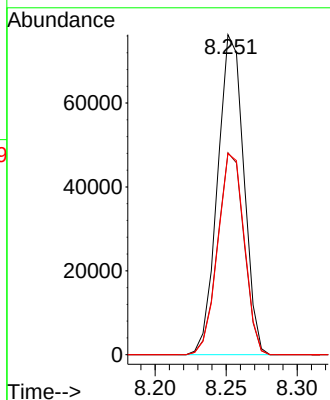
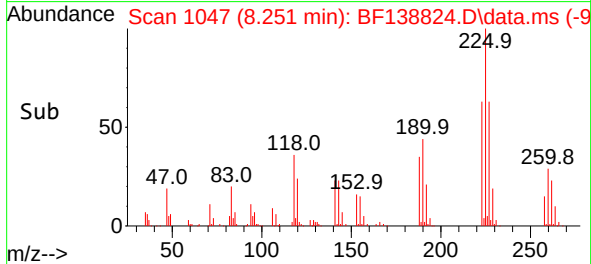
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



Tgt Ion:225 Resp: 97870
Ion Ratio Lower Upper
225 100
223 63.1 51.2 76.8
227 62.9 51.1 76.7

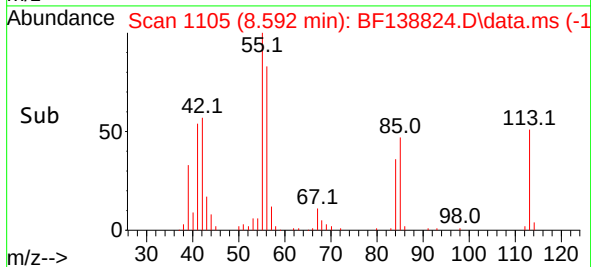
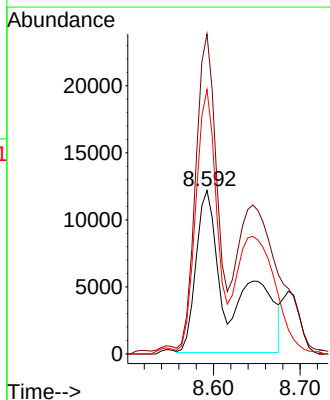
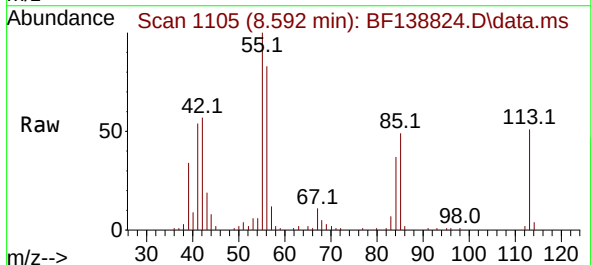
Manual Integrations
APPROVED

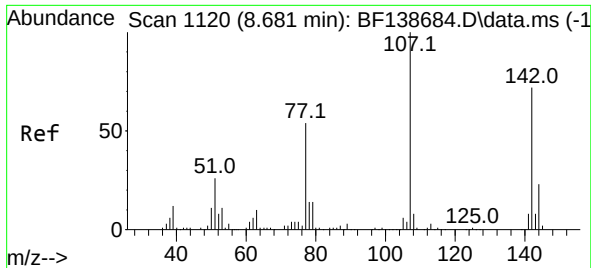
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#35
Caprolactam
Concen: 48.905 ng m
RT: 8.592 min Scan# 1105
Delta R.T. 0.024 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Tgt Ion:113 Resp: 35621
Ion Ratio Lower Upper
113 100
55 195.8 186.7 226.7
56 161.8 138.9 178.9





#36
4-Chloro-3-methylphenol
Concen: 65.090 ng
RT: 8.692 min Scan# 1120
Delta R.T. 0.012 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

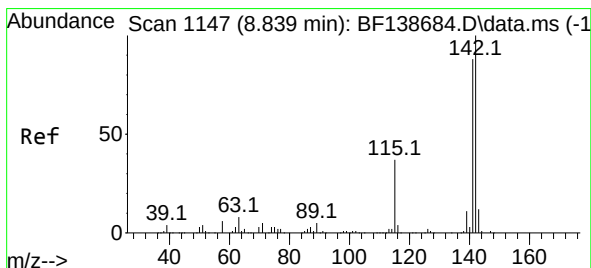
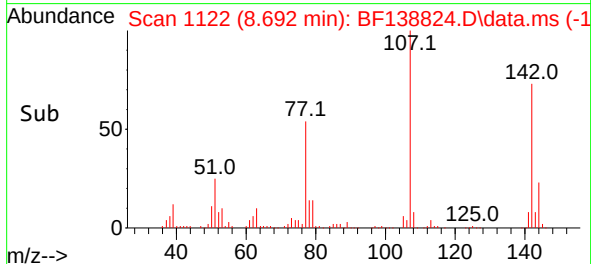
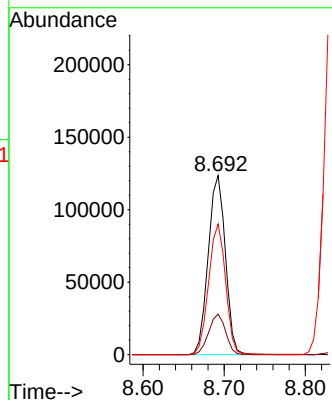
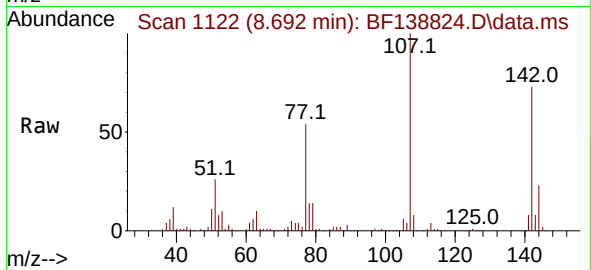
SOIL-COMPMS

Tgt Ion:107 Resp: 18158
Ion Ratio Lower Upper
107 100
144 22.6 18.2 27.2
142 72.9 57.4 86.2

Manual Integrations

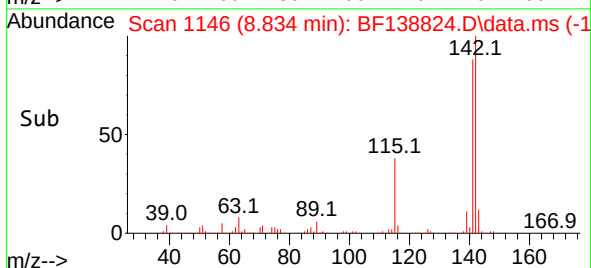
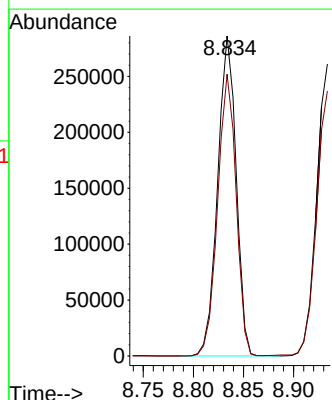
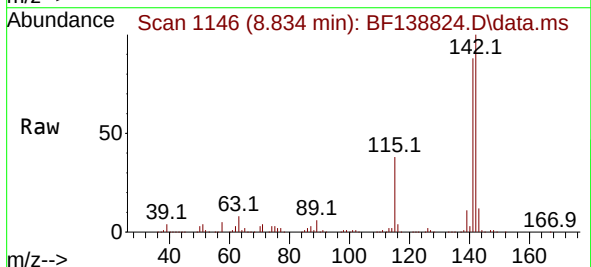
APPROVED

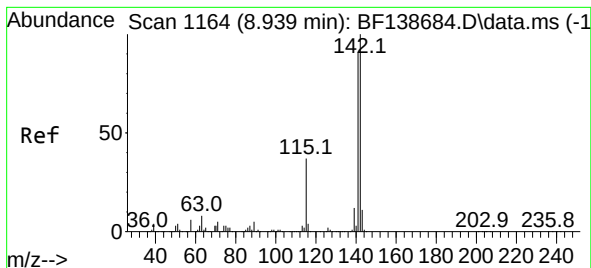
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#37
2-Methylnaphthalene
Concen: 62.182 ng
RT: 8.834 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Tgt Ion:142 Resp: 366524
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2





#38

1-Methylnaphthalene

Concen: 58.456 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138824.D

Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

Tgt Ion:142 Resp: 337638

Ion Ratio Lower Upper

142 100

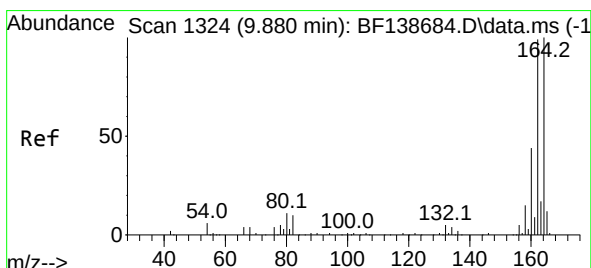
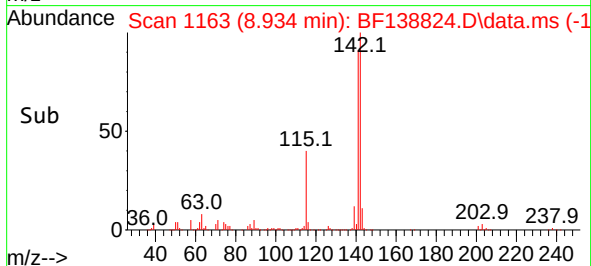
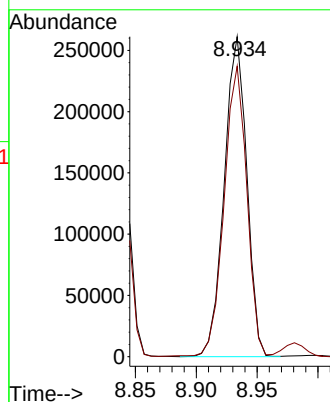
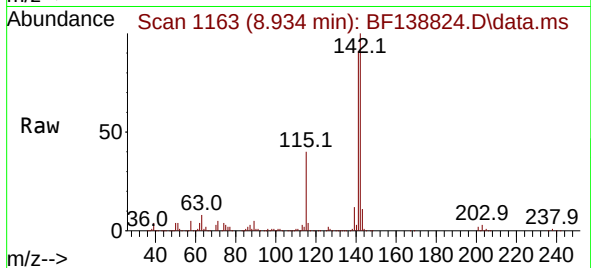
141 90.8 73.1 109.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138824.D

Acq: 07 Aug 2024 00:30

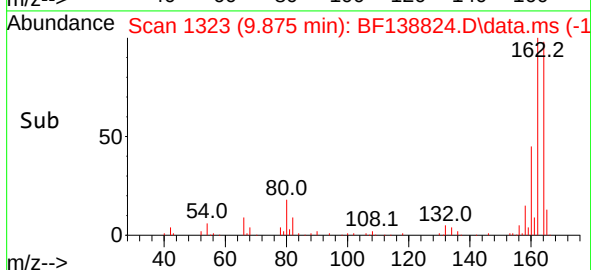
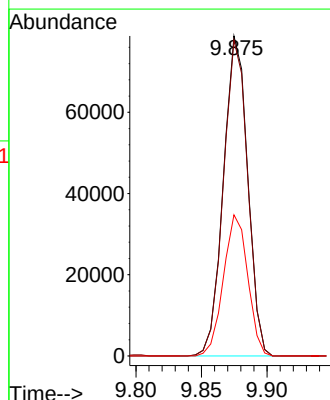
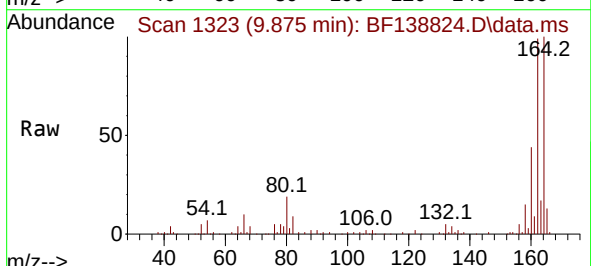
Tgt Ion:164 Resp: 101403

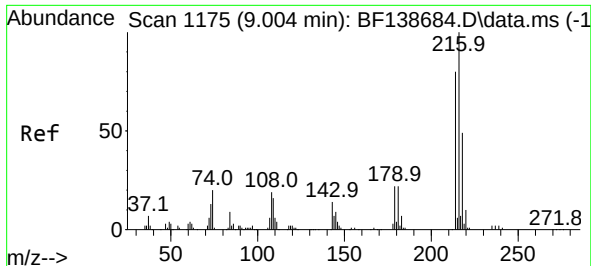
Ion Ratio Lower Upper

164 100

162 98.6 79.4 119.0

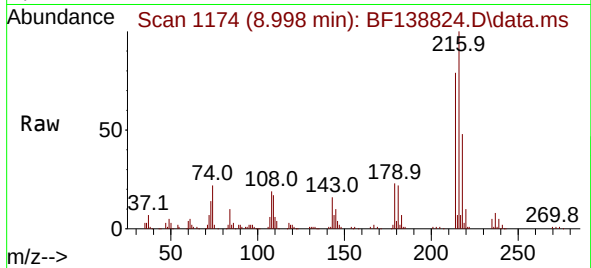
160 44.1 35.1 52.7





#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.599 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

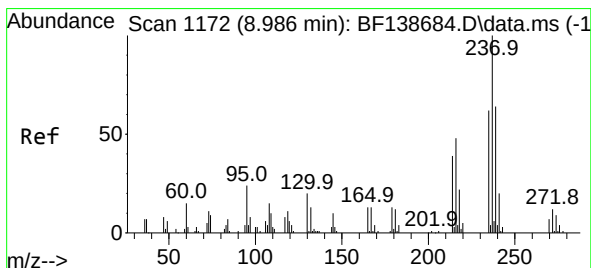
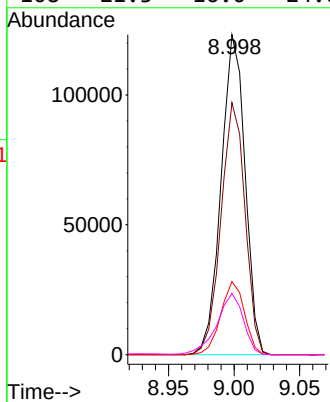
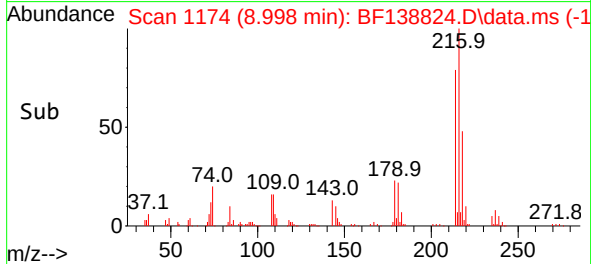
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



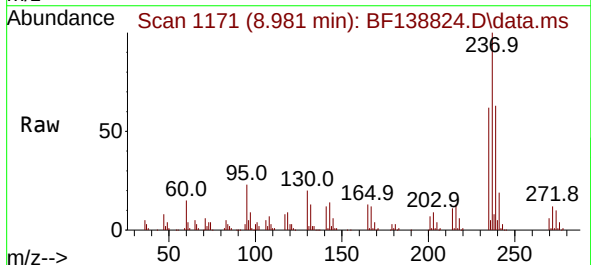
Tgt Ion:216 Resp: 156614
Ion Ratio Lower Upper
216 100
214 78.8 63.9 95.9
179 22.7 17.8 26.6
108 21.3 16.0 24.0

Manual Integrations
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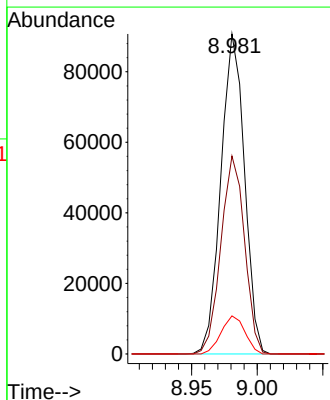
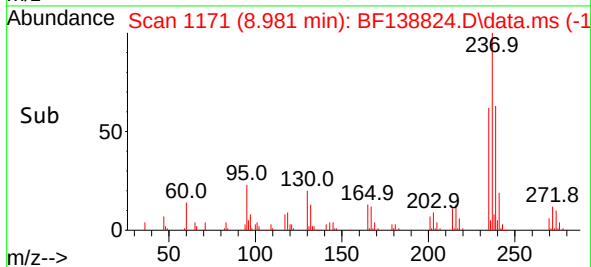
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

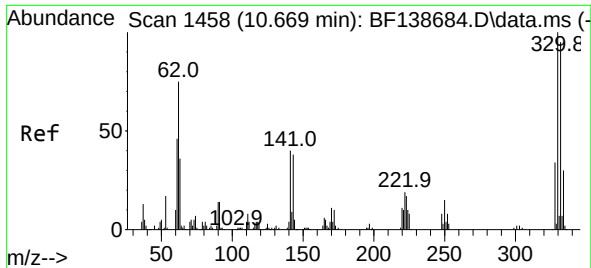


#41
Hexachlorocyclopentadiene
Concen: 145.927 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30



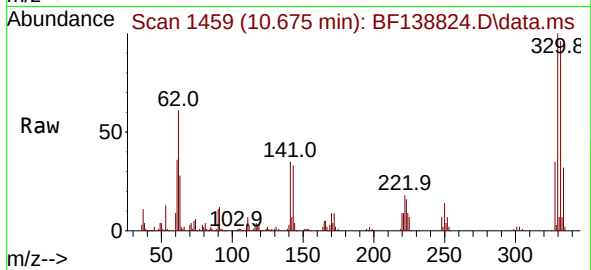
Tgt Ion:237 Resp: 113488
Ion Ratio Lower Upper
237 100
235 61.9 41.8 81.8
272 11.9 0.0 32.2





#42
2,4,6-Tribromophenol
Concen: 173.079 ng
RT: 10.675 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

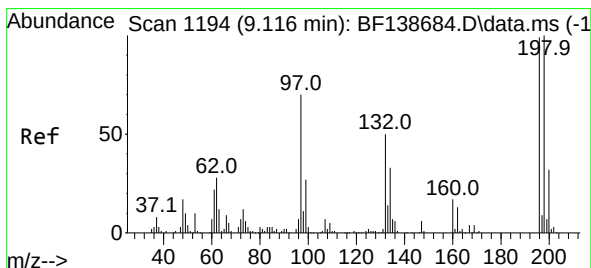
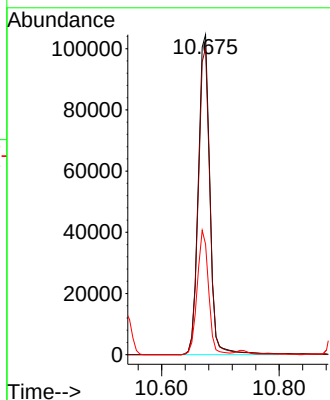
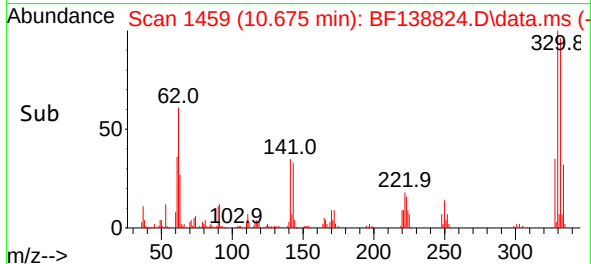
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



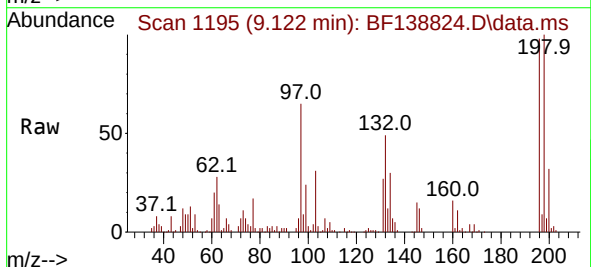
Tgt Ion:330 Resp: 143764
Ion Ratio Lower Upper
330 100
332 95.9 76.4 114.6
141 37.7 31.1 46.7

Manual Integrations
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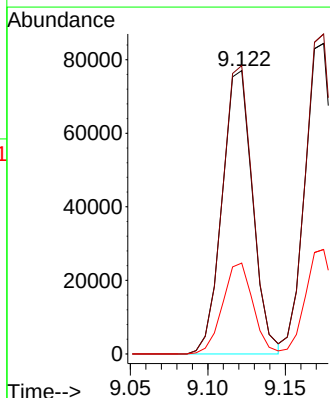
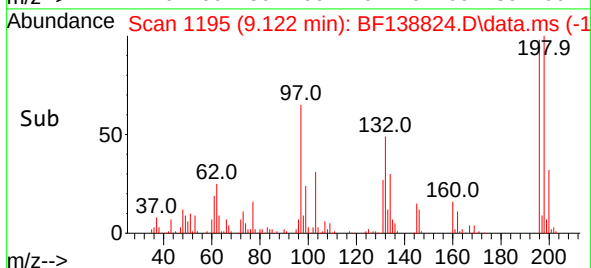
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

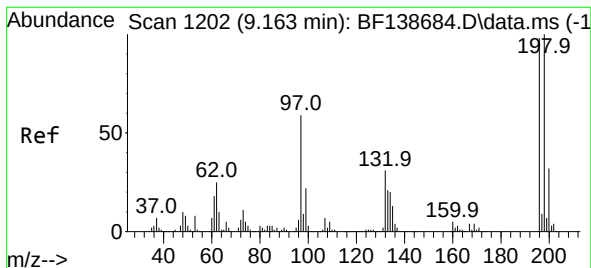


#43
2,4,6-Trichlorophenol
Concen: 61.390 ng
RT: 9.122 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30



Tgt Ion:196 Resp: 105435
Ion Ratio Lower Upper
196 100
198 101.8 80.5 120.7
200 32.1 25.9 38.9





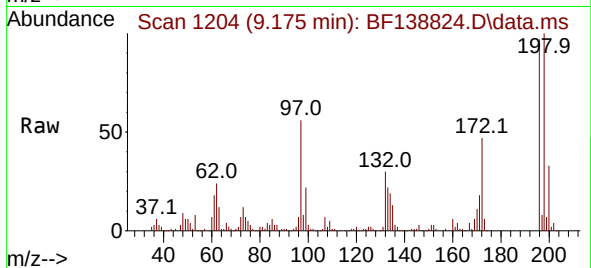
#44
2,4,5-Trichlorophenol
Concen: 59.852 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS



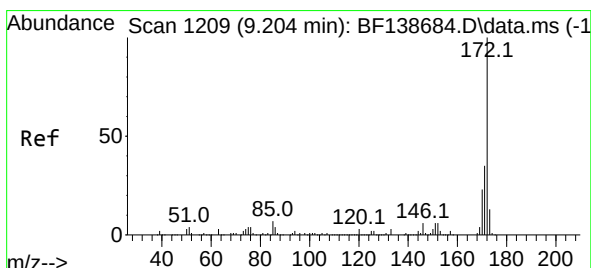
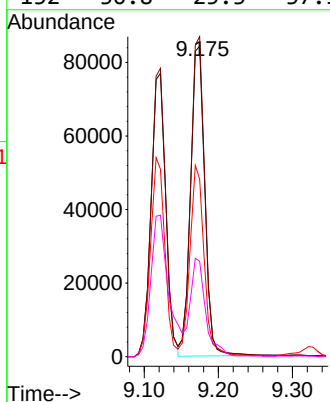
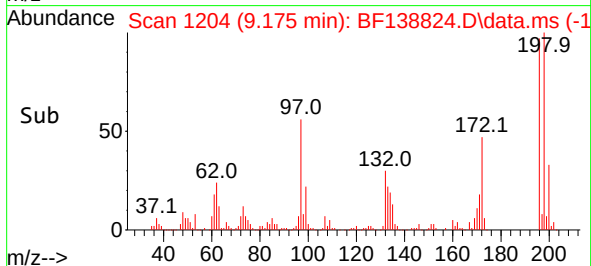
Tgt Ion:196 Resp: 112370
Ion Ratio Lower Upper
196 100
198 103.0 81.2 121.8
97 57.2 47.8 71.6
132 30.8 25.3 37.9

Manual Integrations

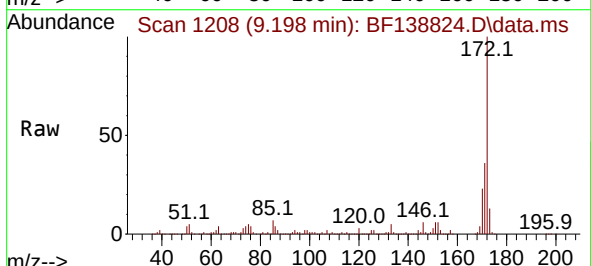
APPROVED

Reviewed By :Yogesh Patel 08/07/2024

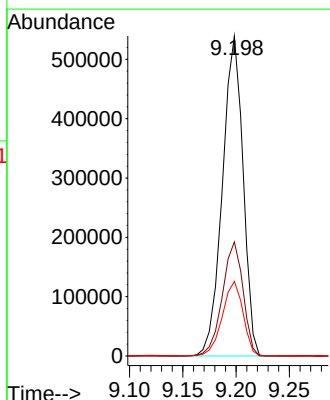
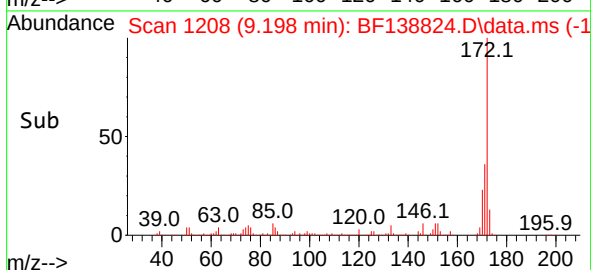
Supervised By :mohammad ahmed 08/08/2024

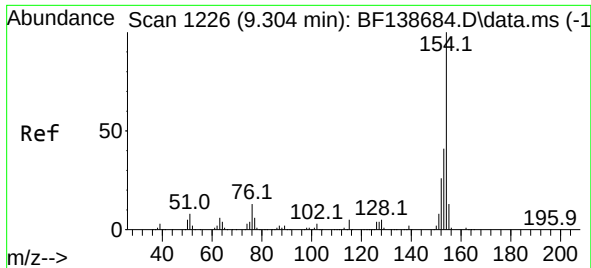


#45
2-Fluorobiphenyl
Concen: 107.637 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30



Tgt Ion:172 Resp: 726441
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.3 18.8 28.2





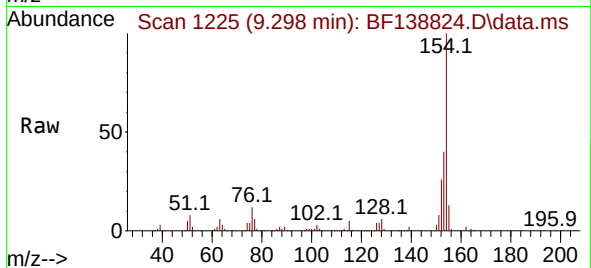
#46
1,1'-Biphenyl
Concen: 55.637 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

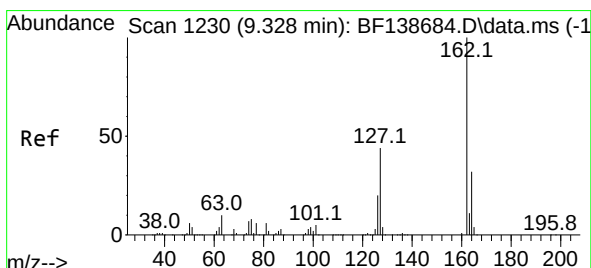
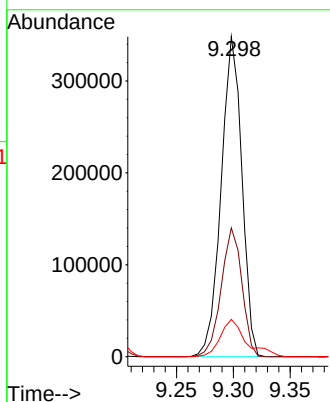
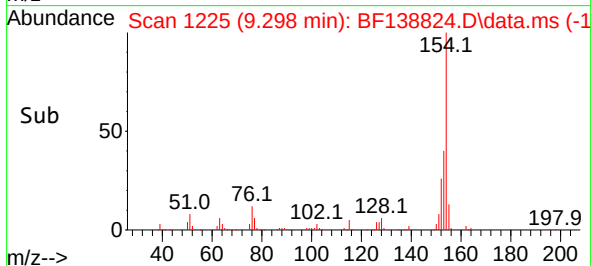


Tgt Ion:154 Resp: 441850
Ion Ratio Lower Upper
154 100
153 40.2 20.8 60.8
76 11.7 0.0 32.8

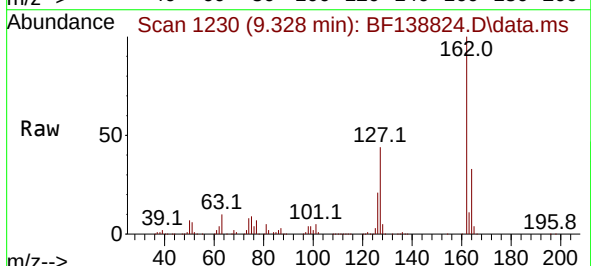
Manual Integrations

APPROVED

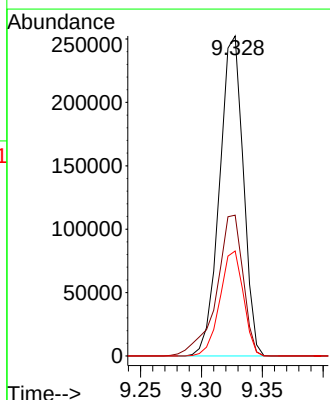
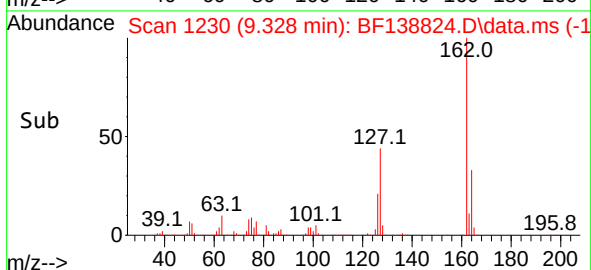
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

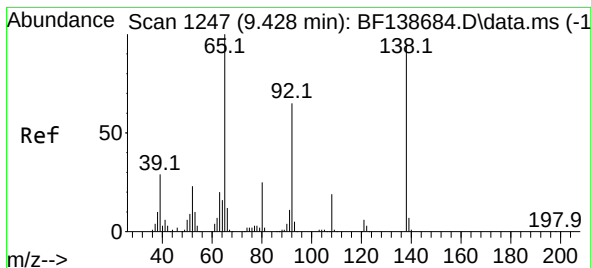


#47
2-Chloronaphthalene
Concen: 57.979 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30



Tgt Ion:162 Resp: 342457
Ion Ratio Lower Upper
162 100
127 44.0 35.4 53.2
164 32.8 25.6 38.4





#48

2-Nitroaniline

Concen: 61.332 ng

RT: 9.428 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138824.D

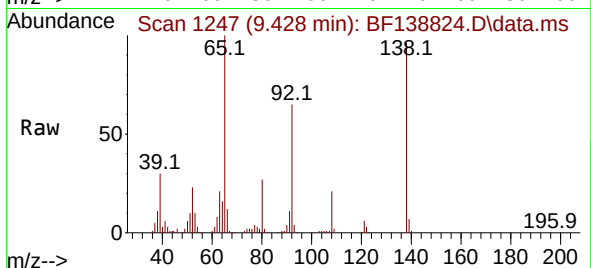
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS



Tgt Ion: 65 Resp: 122809

Ion Ratio Lower Upper

65 100

92 65.0 52.0 78.0

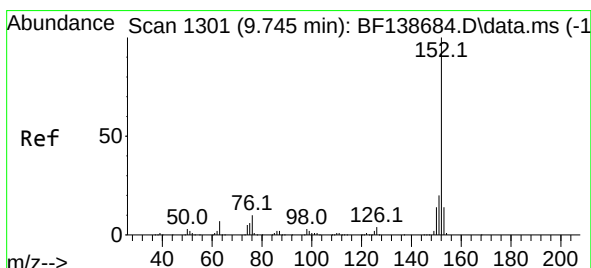
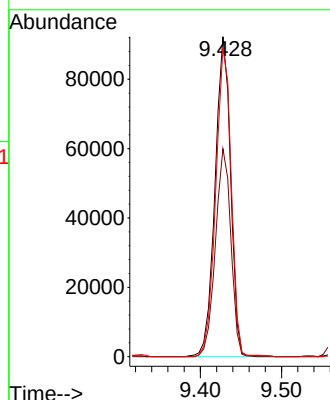
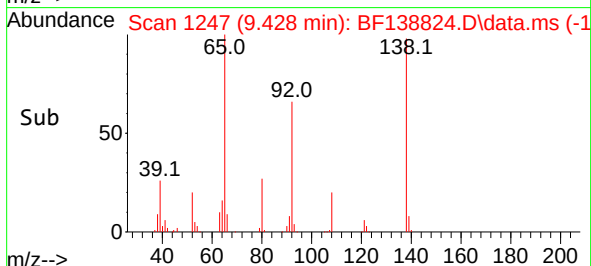
138 96.4 76.2 114.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#49

Acenaphthylene

Concen: 64.672 ng

RT: 9.739 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF138824.D

Acq: 07 Aug 2024 00:30

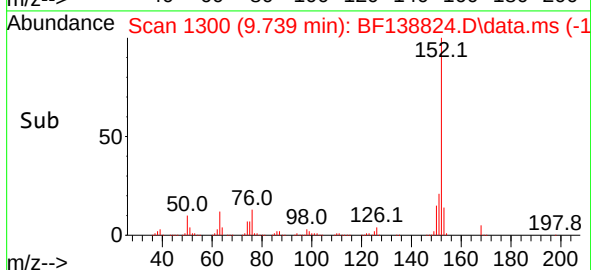
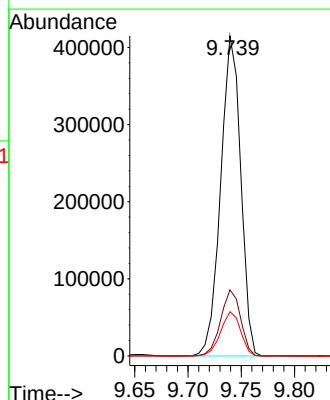
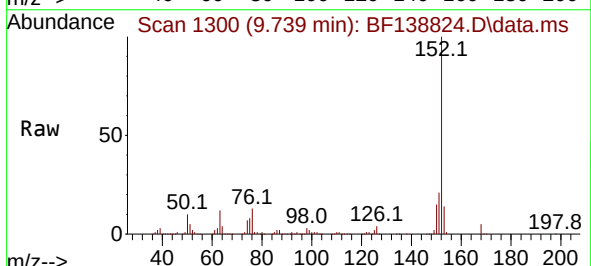
Tgt Ion:152 Resp: 541774

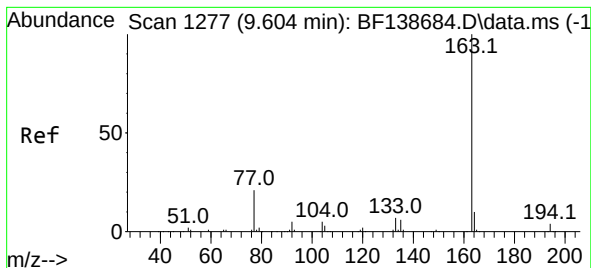
Ion Ratio Lower Upper

152 100

151 20.7 16.0 24.0

153 13.8 11.0 16.4





#50

Dimethylphthalate

Concen: 63.919 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF138824.D

Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

Tgt Ion:163 Resp: 41444

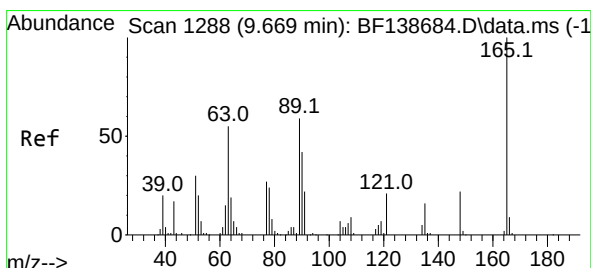
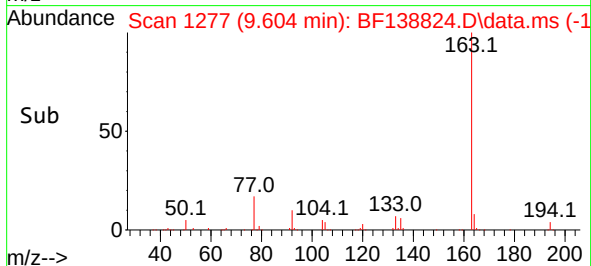
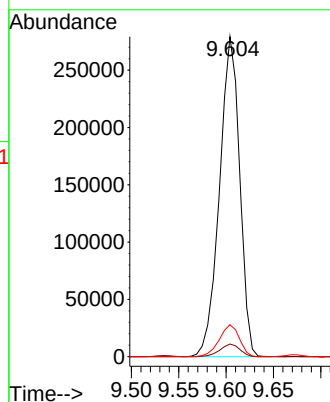
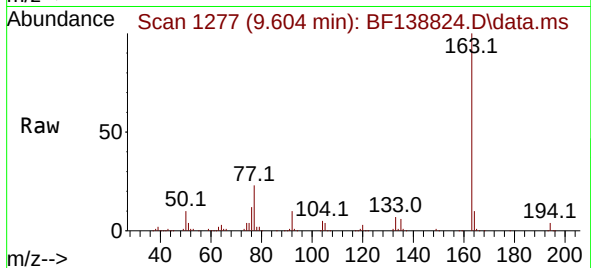
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.0	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#51

2,6-Dinitrotoluene

Concen: 62.211 ng

RT: 9.669 min Scan# 1288

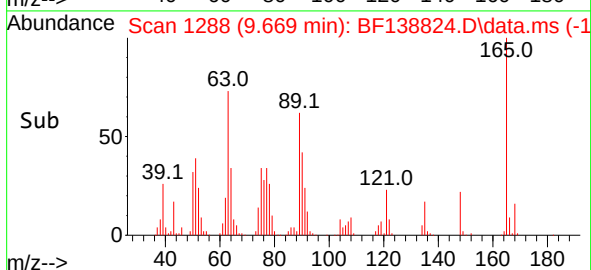
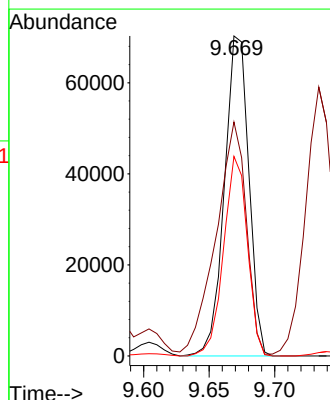
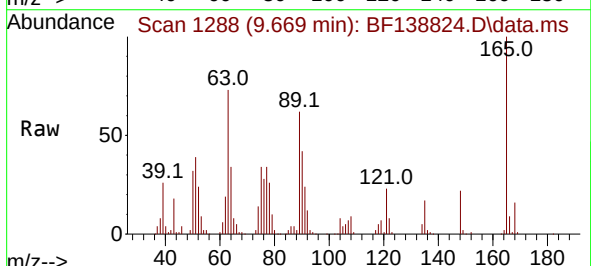
Delta R.T. 0.000 min

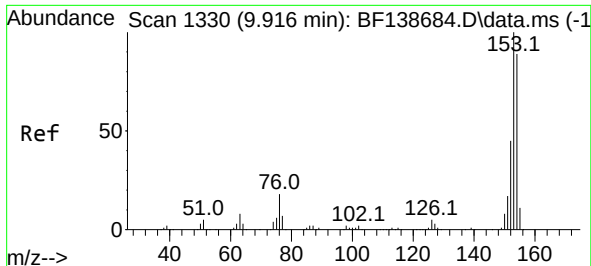
Lab File: BF138824.D

Acq: 07 Aug 2024 00:30

Tgt Ion:165 Resp: 91033

Ion	Ratio	Lower	Upper
165	100		
63	73.1	52.0	78.0
89	62.3	47.0	70.6





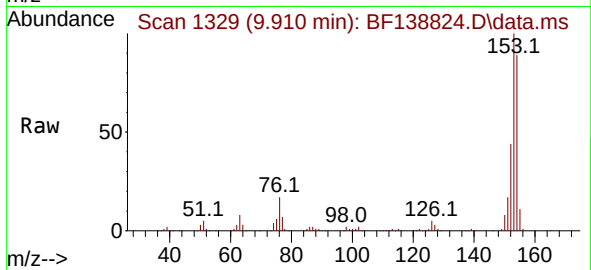
#52
Acenaphthene
Concen: 59.125 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

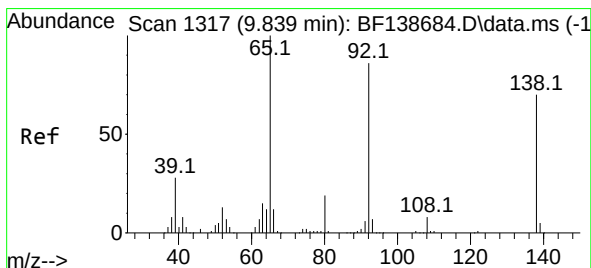
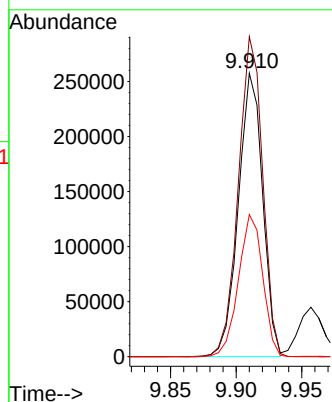
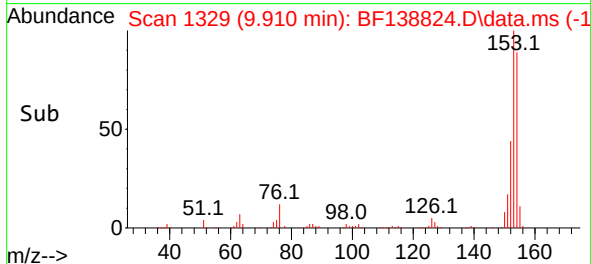


Tgt Ion:154 Resp: 332952
Ion Ratio Lower Upper
154 100
153 112.8 89.9 134.9
152 50.1 40.6 60.8

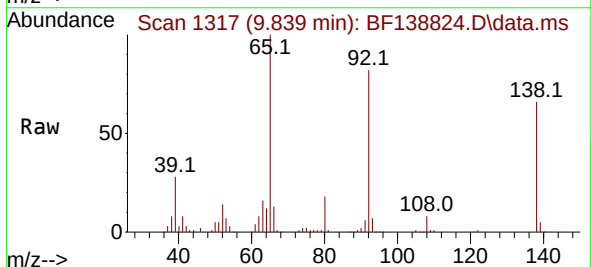
Manual Integrations

APPROVED

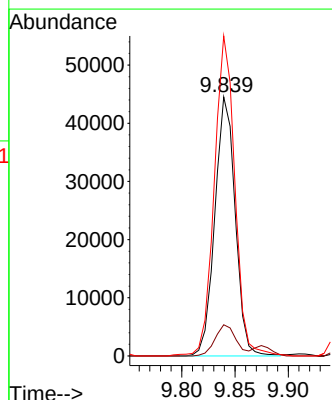
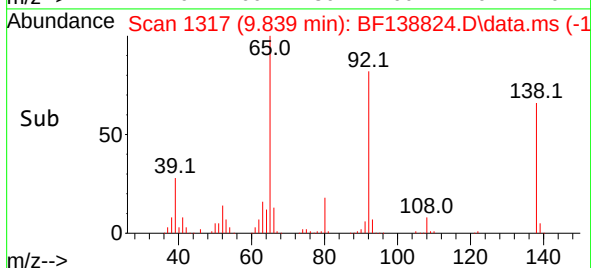
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

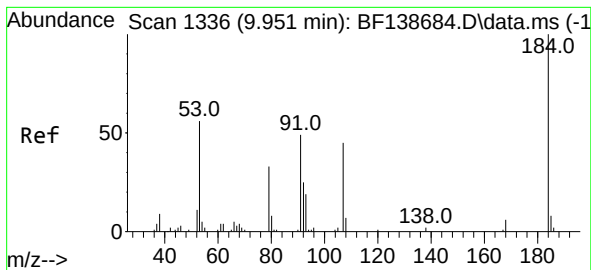


#53
3-Nitroaniline
Concen: 39.141 ng
RT: 9.839 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30



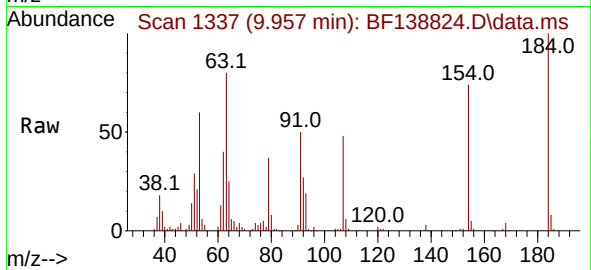
Tgt Ion:138 Resp: 59208
Ion Ratio Lower Upper
138 100
108 12.1 9.1 13.7
92 123.6 98.7 148.1





#54
2,4-Dinitrophenol
Concen: 124.818 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

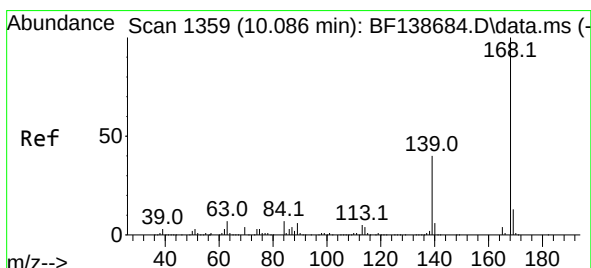
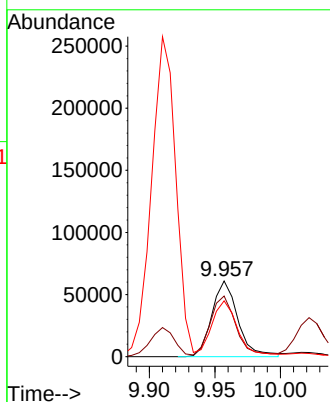
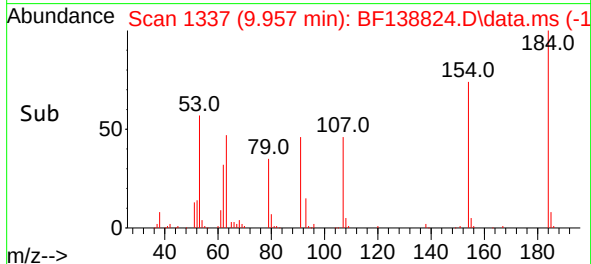
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



Tgt Ion:184 Resp: 84072
Ion Ratio Lower Upper
184 100
63 80.1 57.5 86.3
154 73.8 51.7 77.5

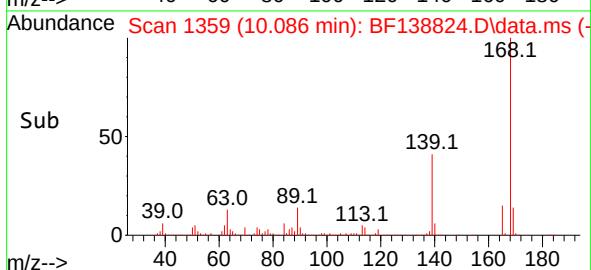
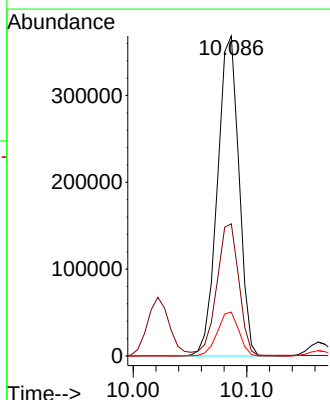
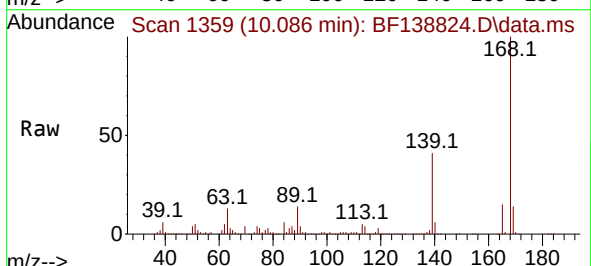
Manual Integrations
APPROVED

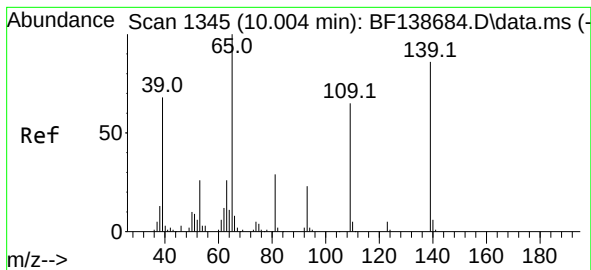
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#55
Dibenzofuran
Concen: 61.130 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

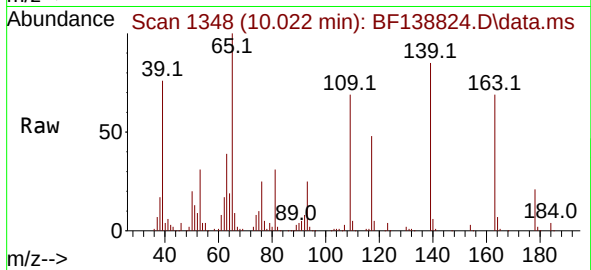
Tgt Ion:168 Resp: 485932
Ion Ratio Lower Upper
168 100
139 41.3 32.6 49.0
169 13.7 10.7 16.1





#56
4-Nitrophenol
Concen: 101.043 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

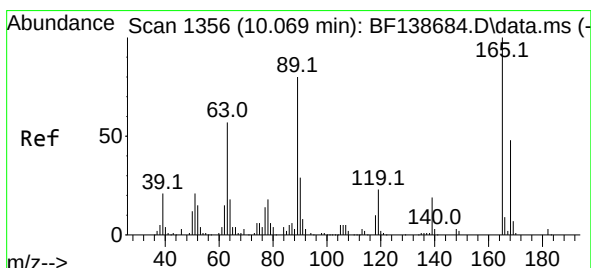
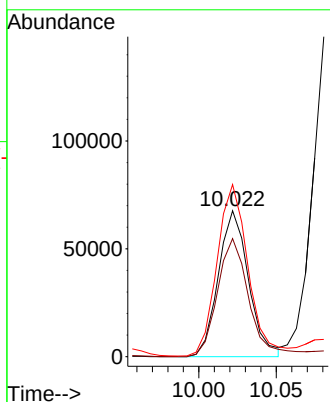
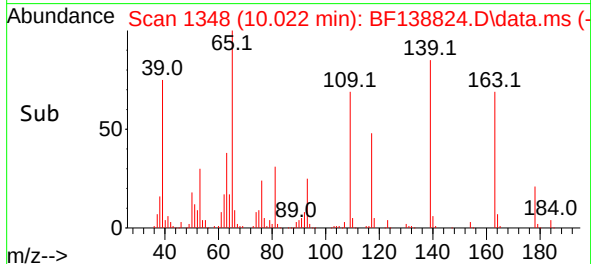
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



Tgt Ion:139 Resp: 9191
Ion Ratio Lower Upper
139 100
109 81.0 55.5 95.5
65 118.0 96.7 136.7

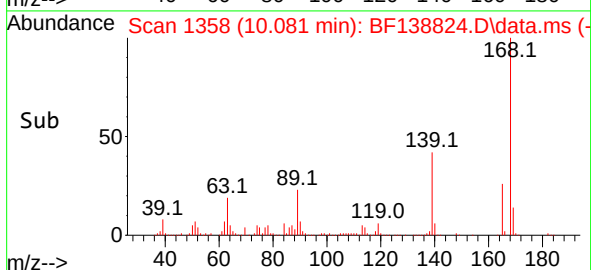
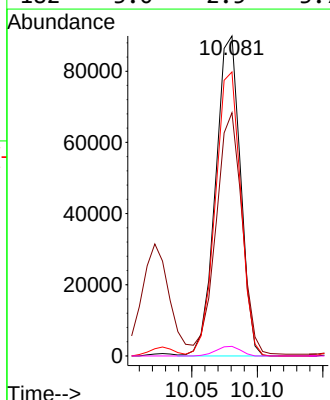
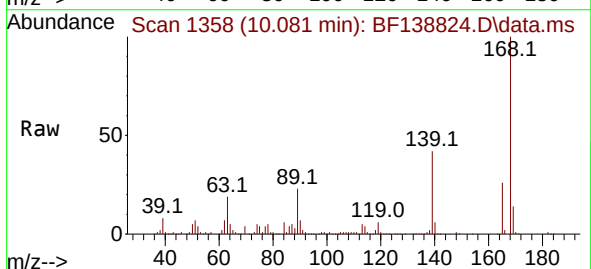
Manual Integrations
APPROVED

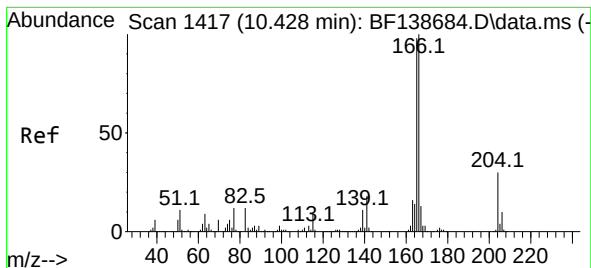
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#57
2,4-Dinitrotoluene
Concen: 63.539 ng
RT: 10.081 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Tgt Ion:165 Resp: 118622
Ion Ratio Lower Upper
165 100
63 76.0 46.3 69.5#
89 88.7 64.2 96.4
182 3.0 2.5 3.7





#58

Fluorene

Concen: 62.606 ng

RT: 10.428 min Scan# 1417

Delta R.T. 0.000 min

Lab File: BF138824.D

Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

Tgt Ion:166 Resp: 39630

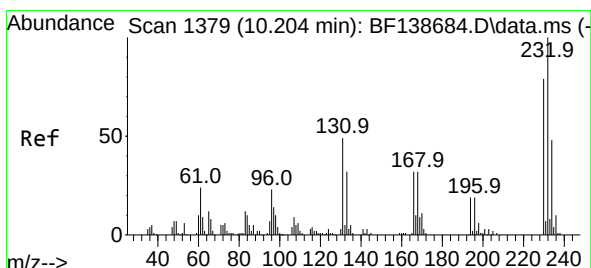
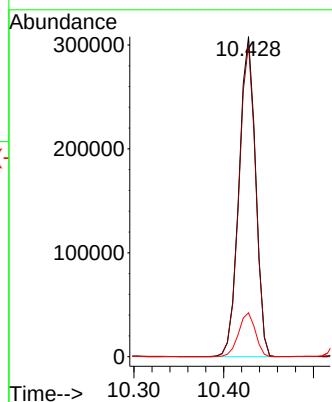
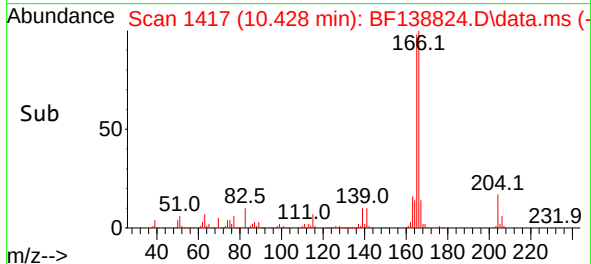
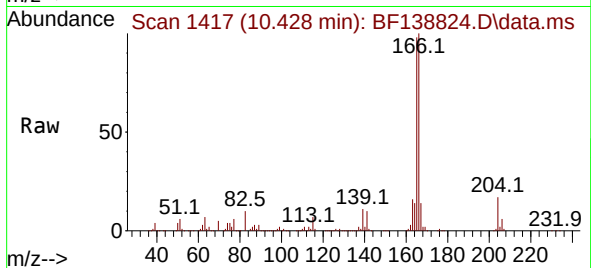
Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.4	117.6
167	13.7	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 68.156 ng

RT: 10.210 min Scan# 1380

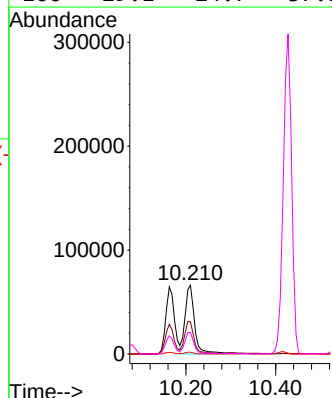
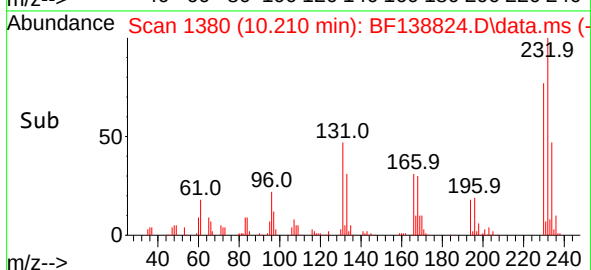
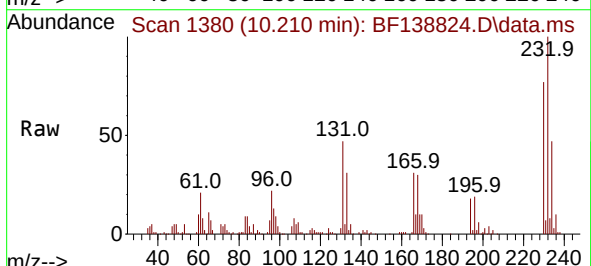
Delta R.T. 0.006 min

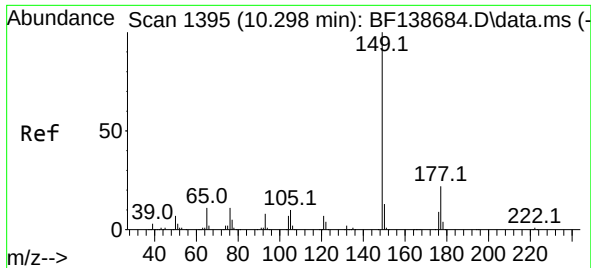
Lab File: BF138824.D

Acq: 07 Aug 2024 00:30

Tgt Ion:232 Resp: 97833

Ion	Ratio	Lower	Upper
232	100		
131	46.6	37.0	55.4
130	2.6	2.0	3.0
166	29.1	24.7	37.1





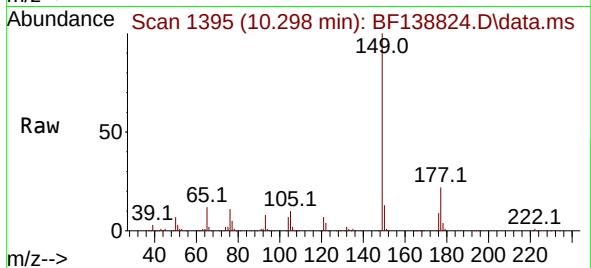
#60
Diethylphthalate
Concen: 65.092 ng
RT: 10.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

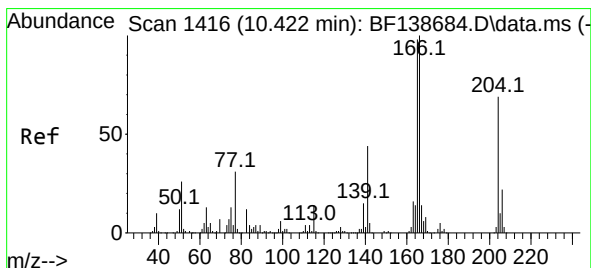
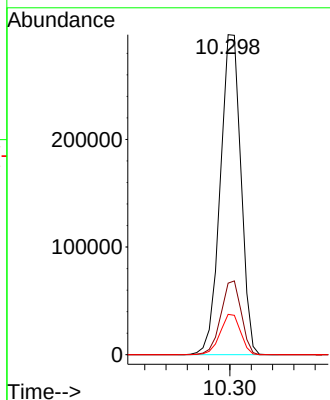
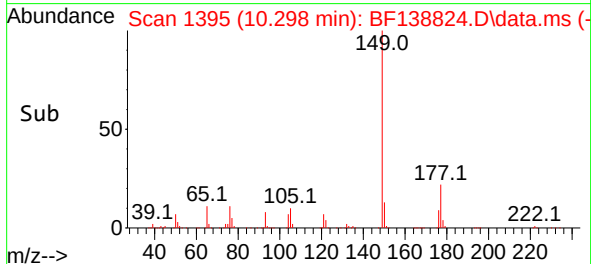


Tgt Ion:149 Resp: 40017
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.6 10.1 15.1

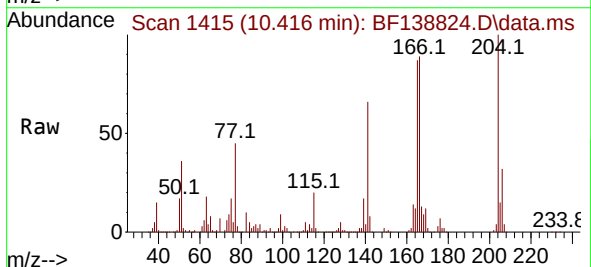
Manual Integrations

APPROVED

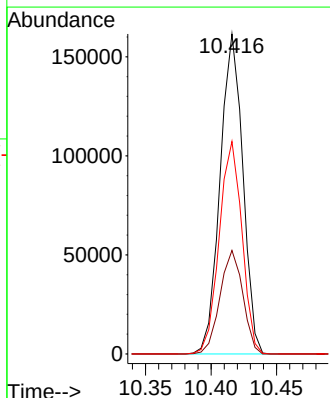
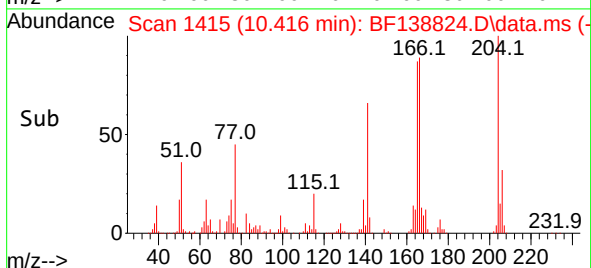
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

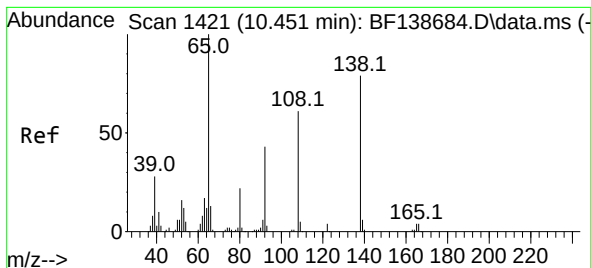


#61
4-Chlorophenyl-phenylether
Concen: 62.423 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30



Tgt Ion:204 Resp: 194343
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 66.4 51.4 77.0





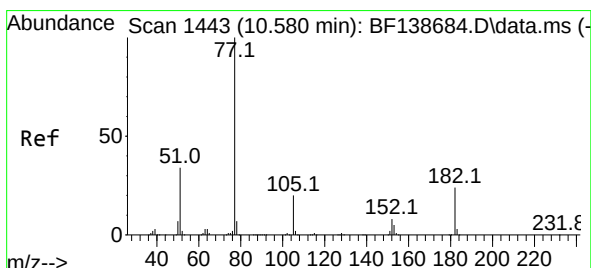
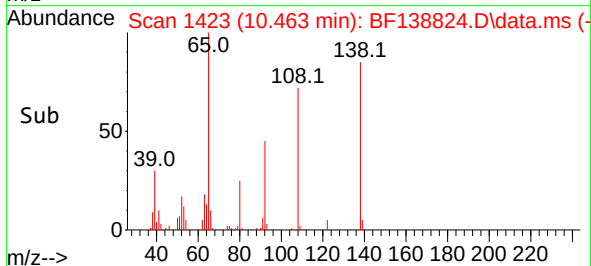
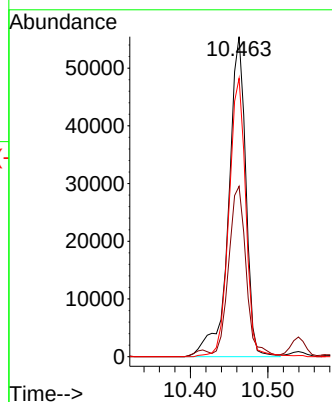
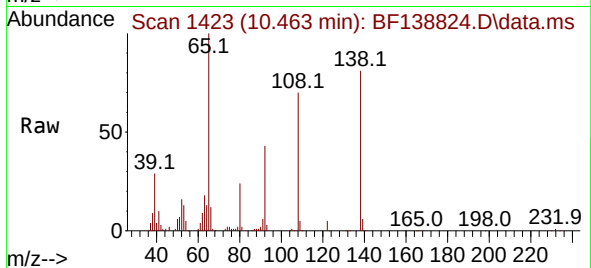
#62
4-Nitroaniline
Concen: 59.920 ng
RT: 10.463 min Scan# 1421
Delta R.T. 0.012 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS

Tgt Ion:138 Resp: 8613
Ion Ratio Lower Upper
138 100
92 53.3 34.2 74.2
108 87.0 56.2 96.2

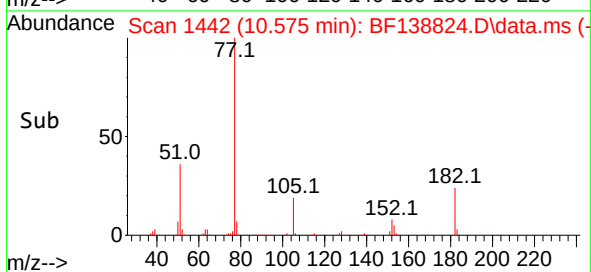
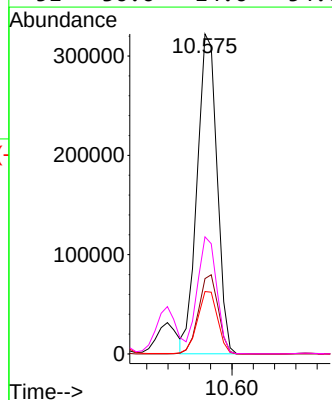
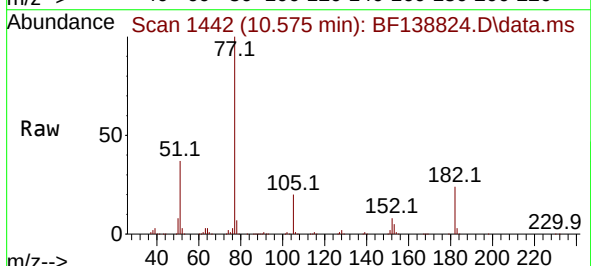
Manual Integrations
APPROVED

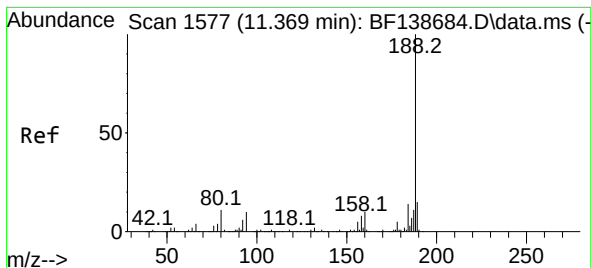
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#63
Azobenzene
Concen: 61.428 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Tgt Ion: 77 Resp: 418850
Ion Ratio Lower Upper
77 100
182 23.6 3.4 43.4
105 19.5 0.2 40.2
51 36.6 14.6 54.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138824.D

Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

Tgt Ion:188 Resp: 167284

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

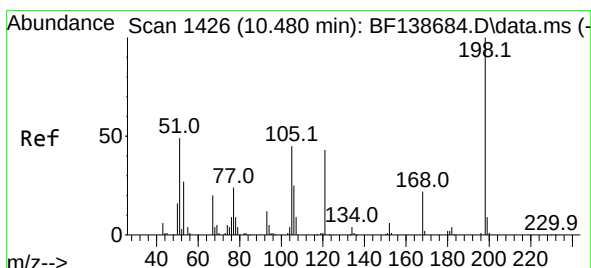
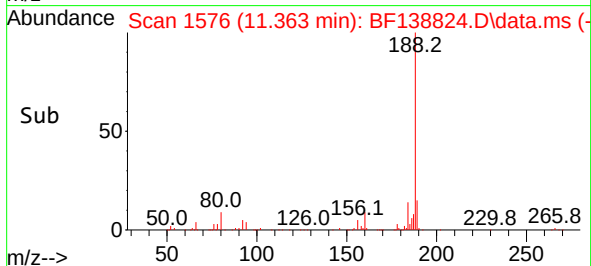
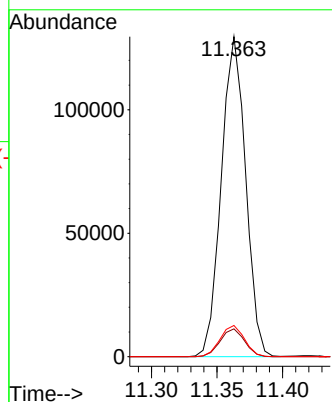
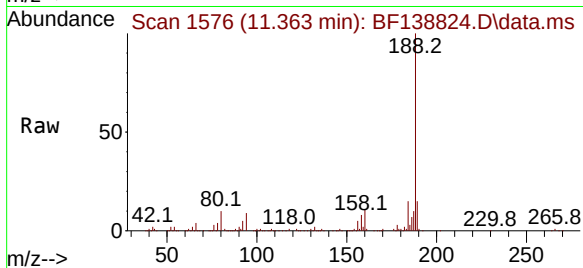
80 9.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#65

4,6-Dinitro-2-methylphenol

Concen: 62.550 ng

RT: 10.492 min Scan# 1428

Delta R.T. 0.012 min

Lab File: BF138824.D

Acq: 07 Aug 2024 00:30

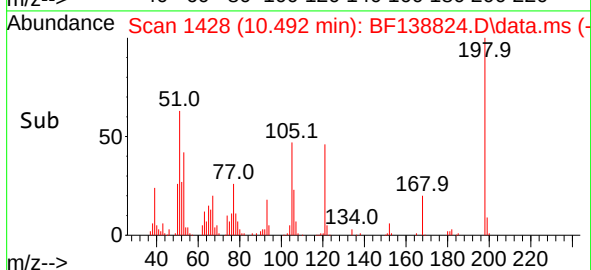
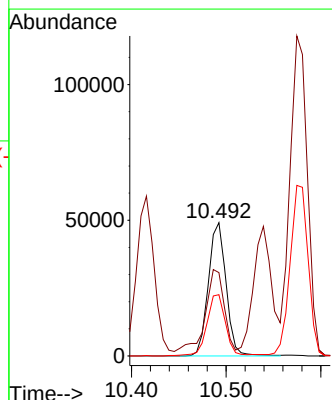
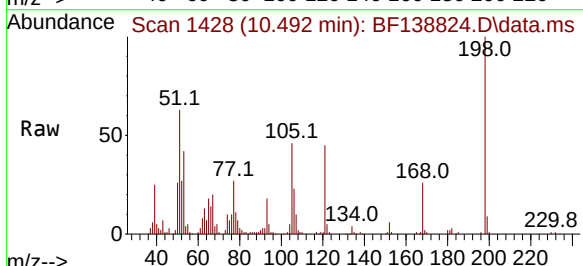
Tgt Ion:198 Resp: 63837

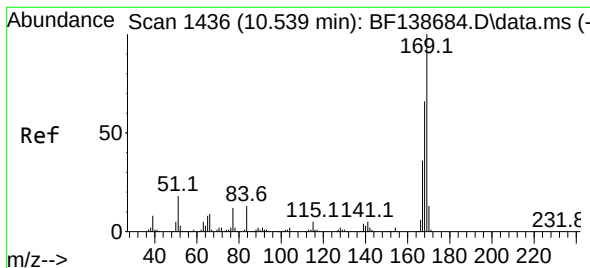
Ion Ratio Lower Upper

198 100

51 62.6 39.9 79.9

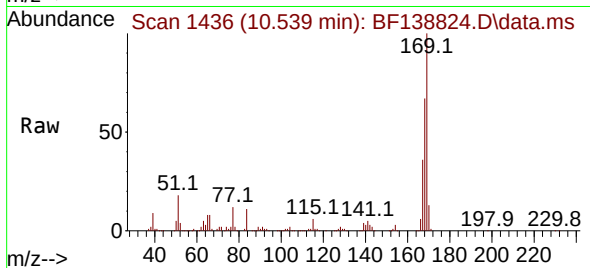
105 46.0 26.1 66.1





#66
n-Nitrosodiphenylamine
Concen: 64.398 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

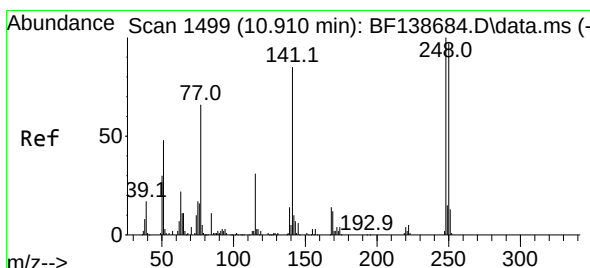
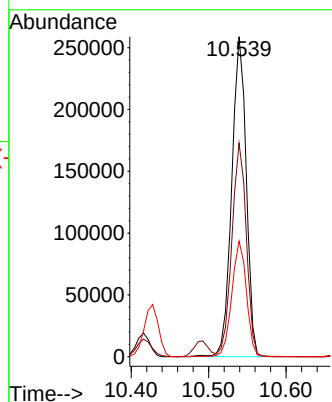
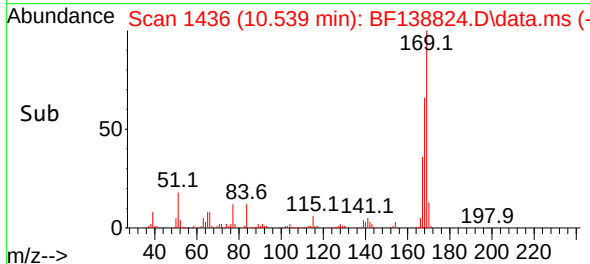
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



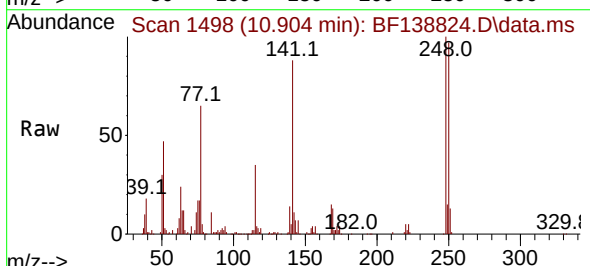
Tgt Ion:169 Resp: 33673
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 36.1 29.0 43.6

Manual Integrations
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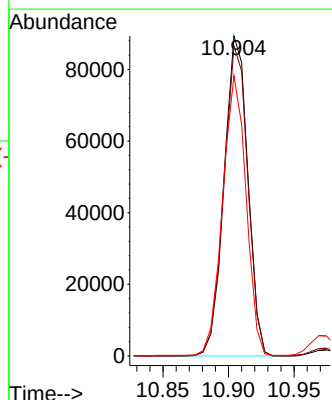
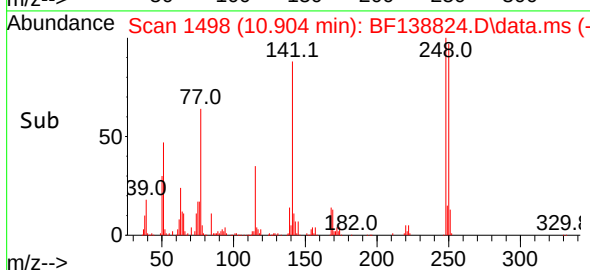
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

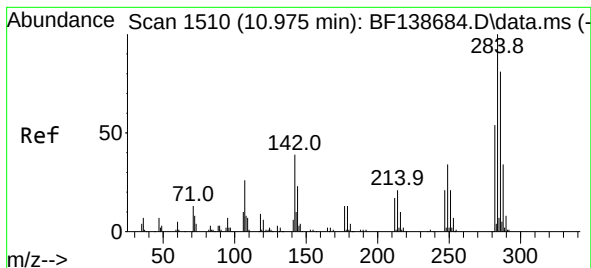


#67
4-Bromophenyl-phenylether
Concen: 62.220 ng
RT: 10.904 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30



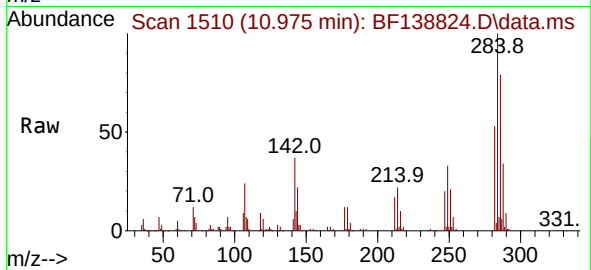
Tgt Ion:248 Resp: 112691
Ion Ratio Lower Upper
248 100
250 96.8 77.7 116.5
141 87.5 68.0 102.0





#68
Hexachlorobenzene
Concen: 61.526 ng
RT: 10.975 min Scan# 11505
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

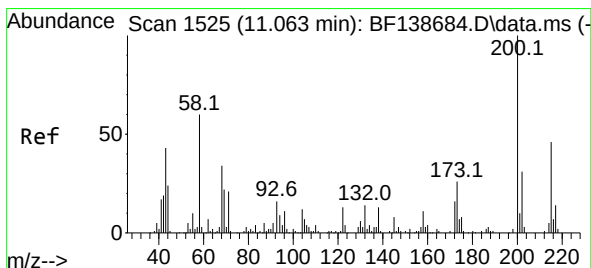
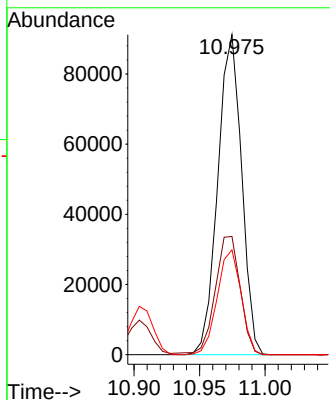
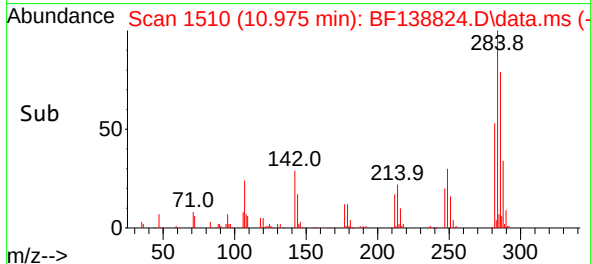
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



Tgt Ion:284 Resp: 11505
Ion Ratio Lower Upper
284 100
142 37.0 31.3 46.9
249 32.7 27.2 40.8

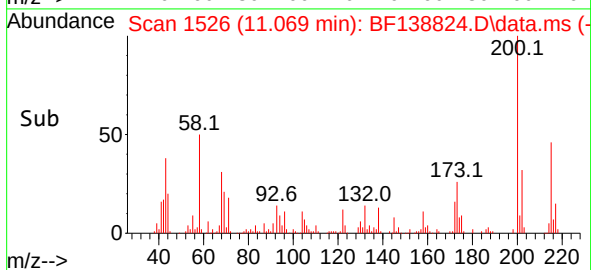
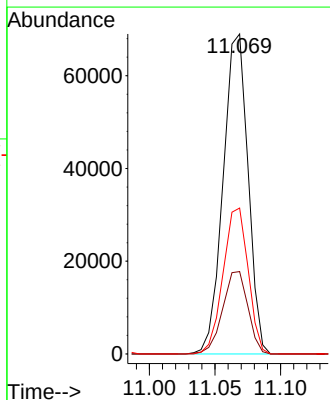
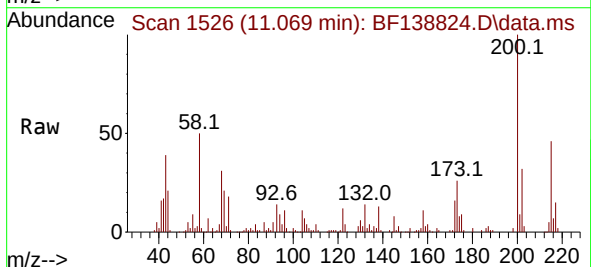
Manual Integrations
APPROVED

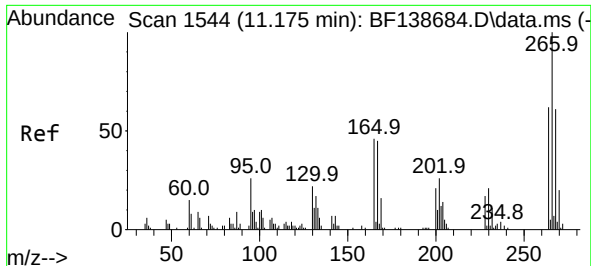
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#69
Atrazine
Concen: 67.612 ng
RT: 11.069 min Scan# 1526
Delta R.T. 0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Tgt Ion:200 Resp: 91214
Ion Ratio Lower Upper
200 100
173 25.7 6.0 46.0
215 45.6 26.1 66.1





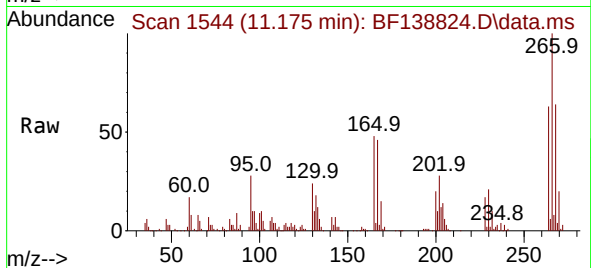
#70
Pentachlorophenol
Concen: 118.838 ng
RT: 11.175 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

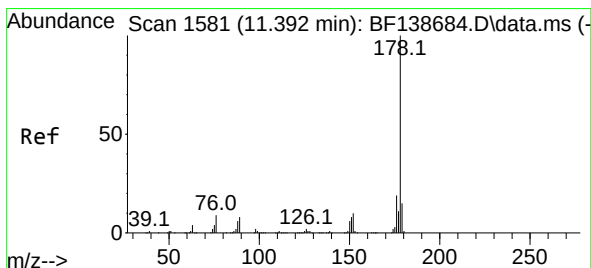
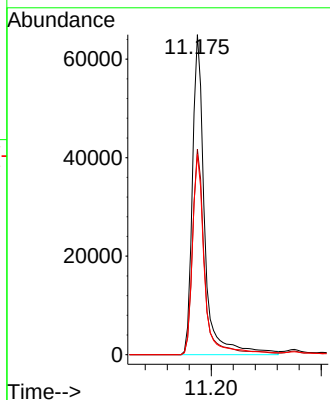
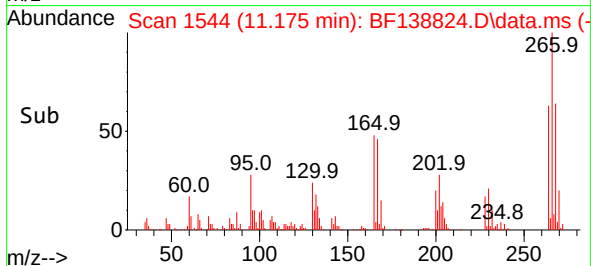


Tgt Ion:266 Resp: 100169
Ion Ratio Lower Upper
266 100
268 64.2 49.2 73.8
264 62.7 49.8 74.6

Manual Integrations

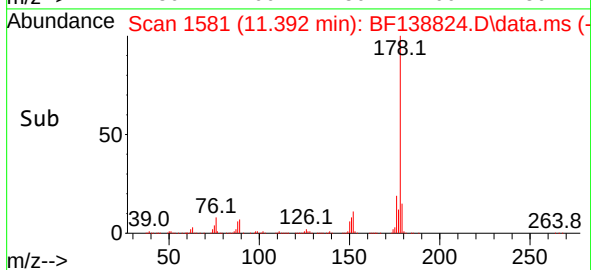
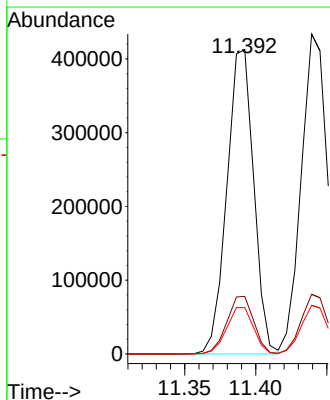
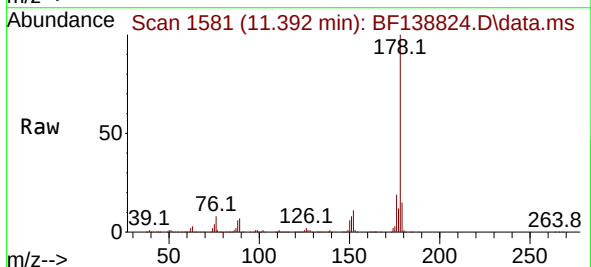
APPROVED

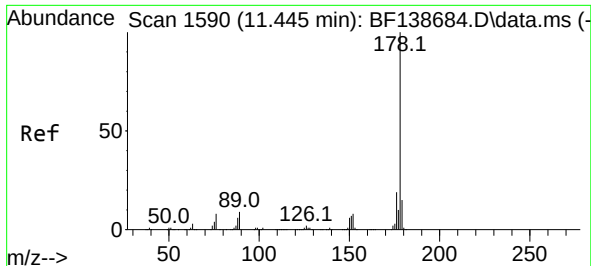
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#71
Phenanthrene
Concen: 63.117 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

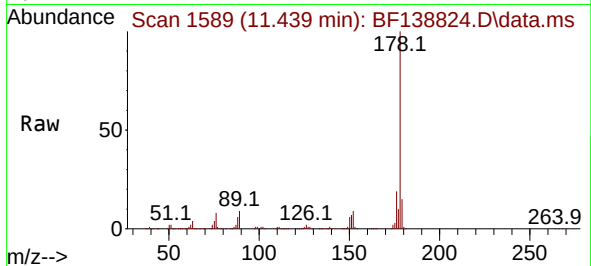
Tgt Ion:178 Resp: 543679
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.3 12.2 18.2





#72
 Anthracene
 Concen: 65.388 ng
 RT: 11.439 min Scan# 1589
 Delta R.T. -0.006 min
 Lab File: BF138824.D
 Acq: 07 Aug 2024 00:30

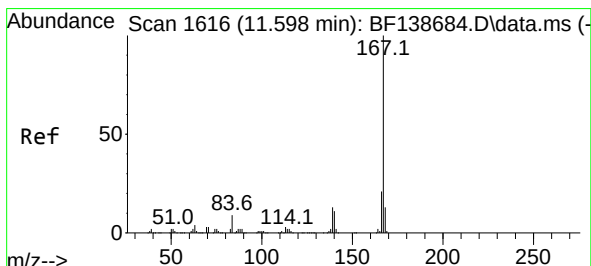
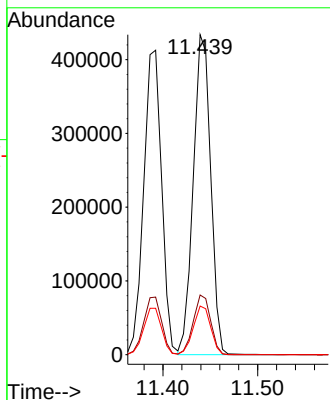
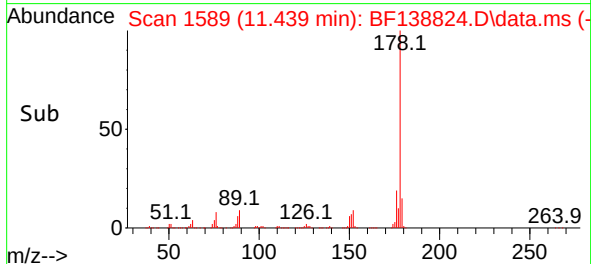
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMPMS



Tgt Ion:178 Resp: 554869
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.9 22.3
 179 15.2 12.4 18.6

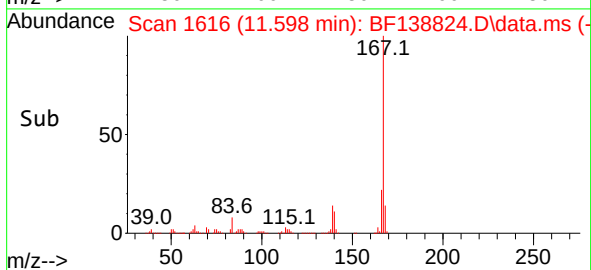
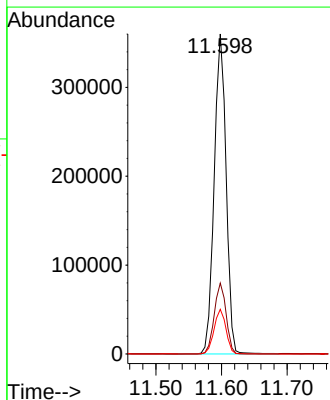
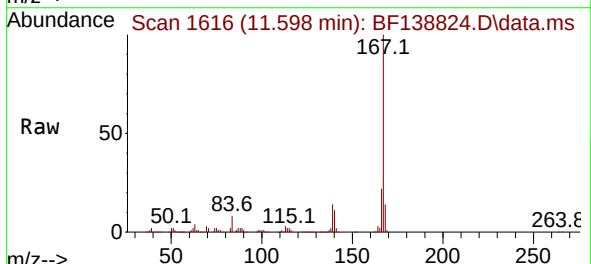
Manual Integrations
 APPROVED

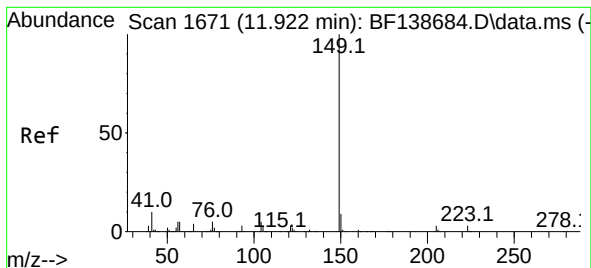
Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024



#73
 Carbazole
 Concen: 62.241 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF138824.D
 Acq: 07 Aug 2024 00:30

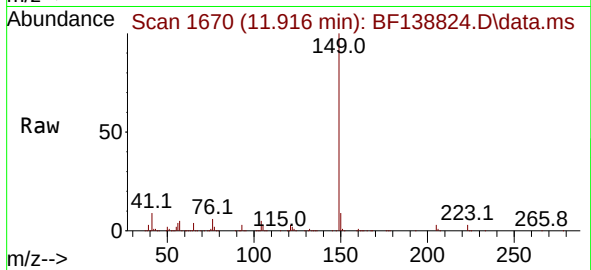
Tgt Ion:167 Resp: 455669
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 14.0 10.6 16.0





#74
Di-n-butylphthalate
Concen: 71.736 ng
RT: 11.916 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

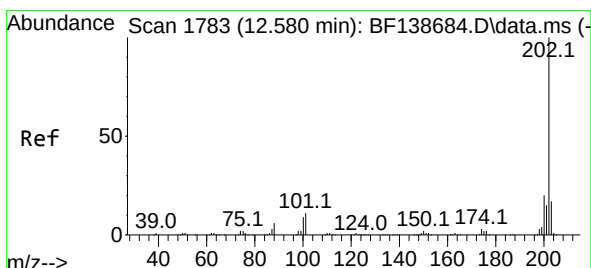
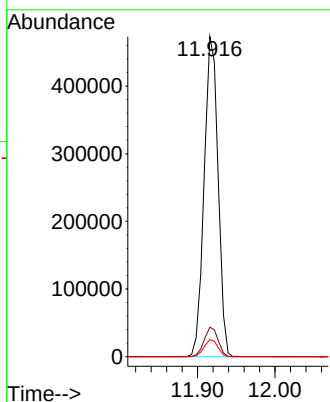
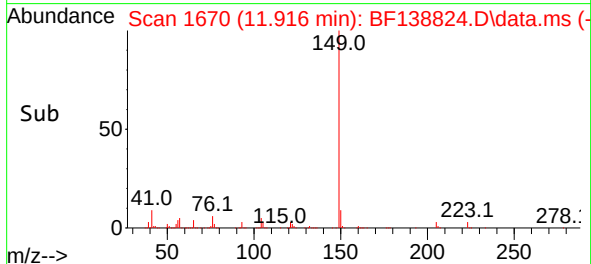
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



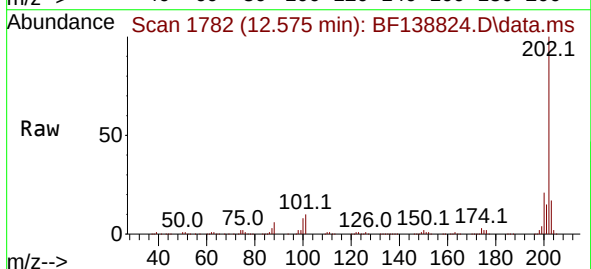
Tgt Ion:149 Resp: 590397
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.4 4.1 6.1

Manual Integrations
APPROVED

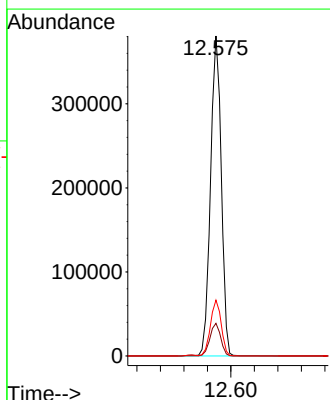
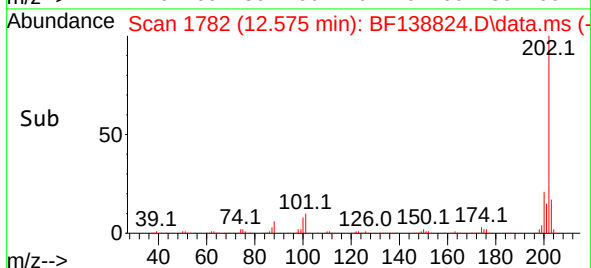
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

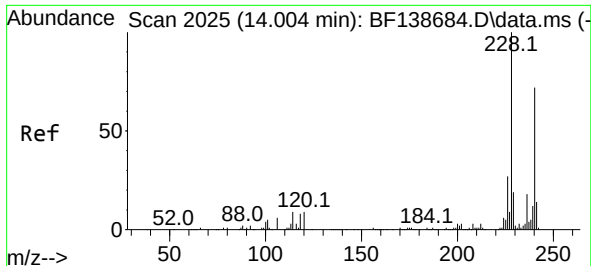


#75
Fluoranthene
Concen: 60.054 ng
RT: 12.575 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30



Tgt Ion:202 Resp: 482920
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 17.4 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

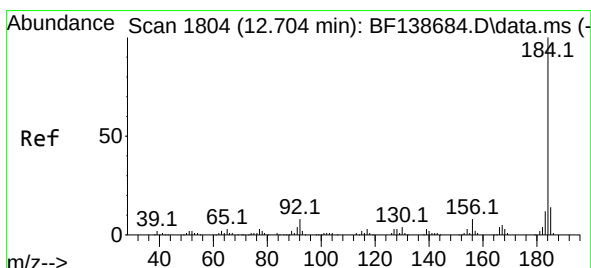
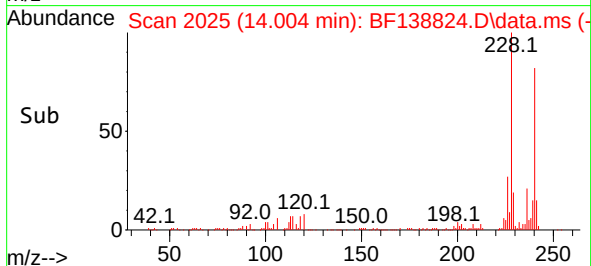
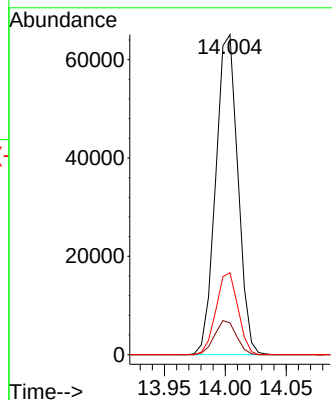
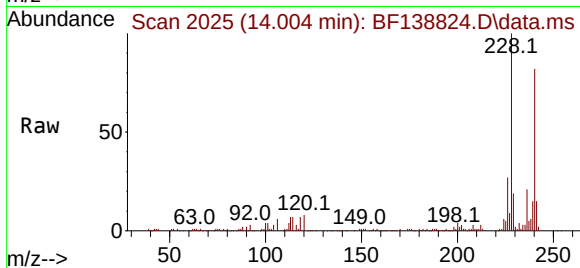
SOIL-COMPMS

Tgt Ion:240 Resp: 8264
Ion Ratio Lower Upper
240 100
120 9.9 10.2 15.4
236 25.6 19.8 29.8

Manual Integrations

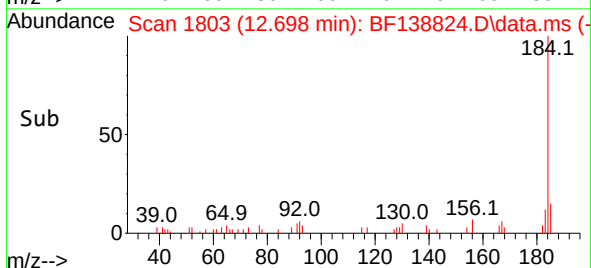
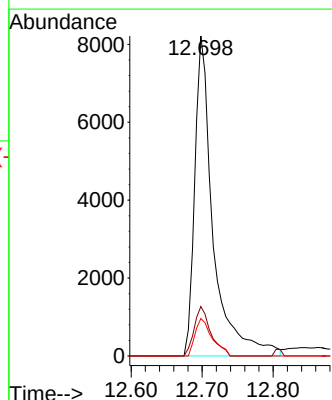
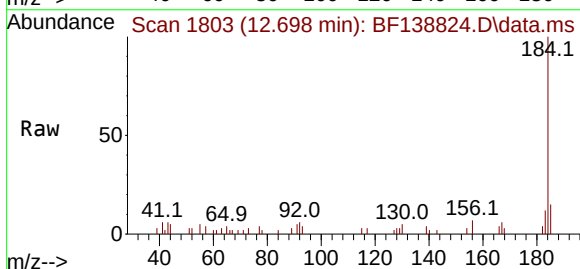
APPROVED

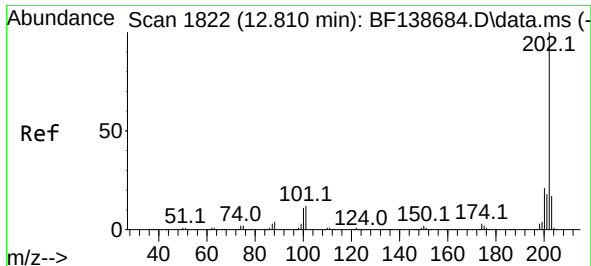
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#77
Benzidine
Concen: 7.505 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

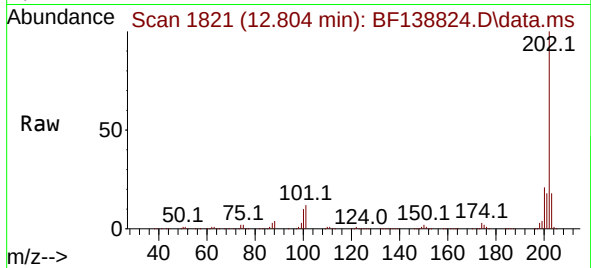
Tgt Ion:184 Resp: 14834
Ion Ratio Lower Upper
184 100
185 15.5 11.1 16.7
183 11.7 9.6 14.4





#78
Pyrene
Concen: 60.944 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

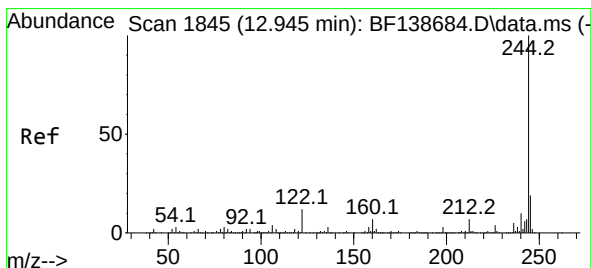
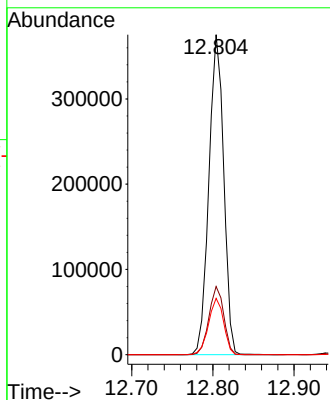
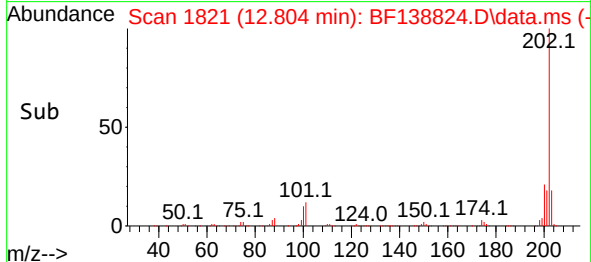
Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMS



Tgt Ion:202 Resp: 474200
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.6 13.8 20.6

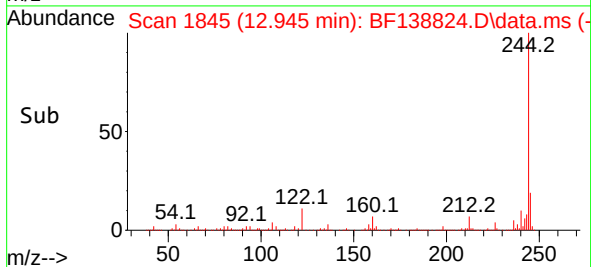
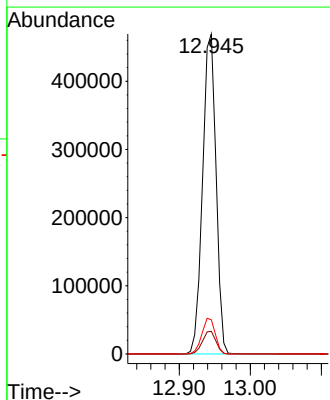
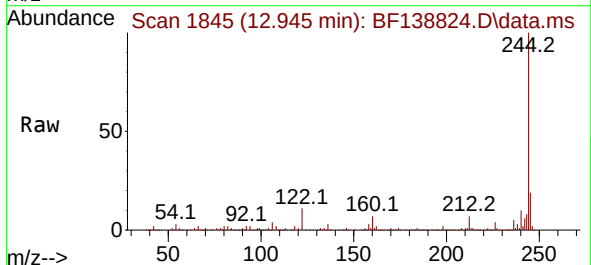
Manual Integrations
APPROVED

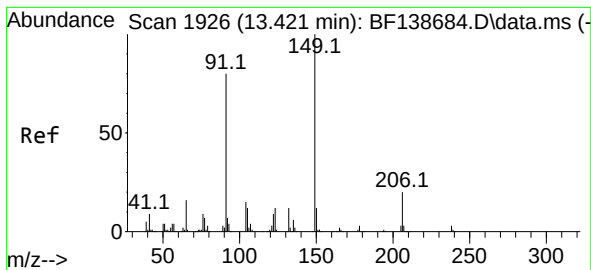
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#79
Terphenyl-d14
Concen: 125.530 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Tgt Ion:244 Resp: 619616
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.7 9.6 14.4





#80
Butylbenzylphthalate
Concen: 71.470 ng
RT: 13.416 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

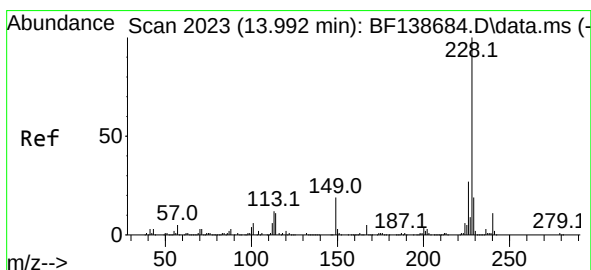
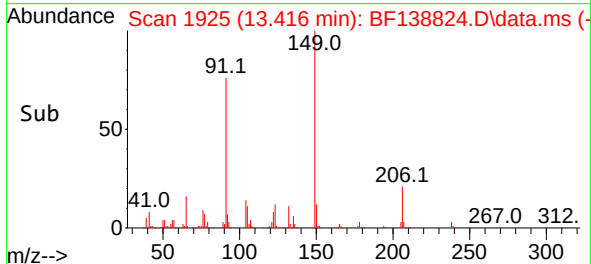
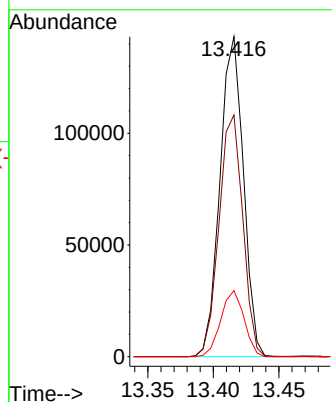
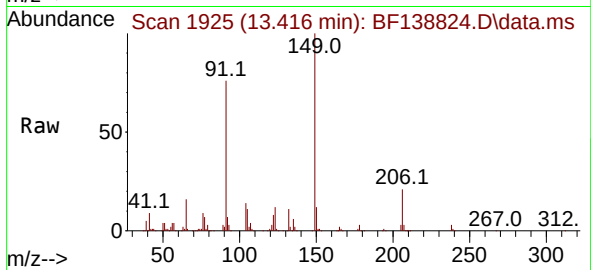
SOIL-COMPMS

Tgt Ion:149 Resp: 17808
Ion Ratio Lower Upper
149 100
91 75.6 63.7 95.5
206 20.7 16.2 24.2

Manual Integrations

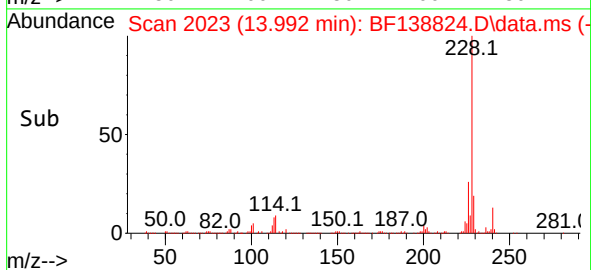
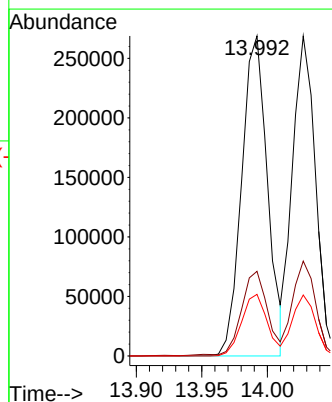
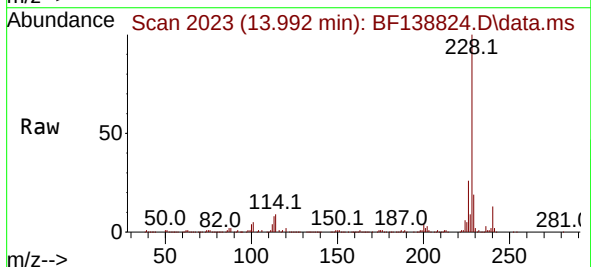
APPROVED

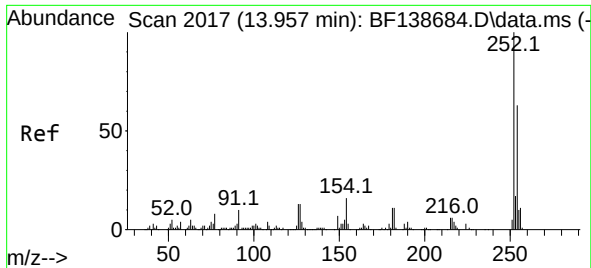
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#81
Benzo(a)anthracene
Concen: 64.716 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Tgt Ion:228 Resp: 368291
Ion Ratio Lower Upper
228 100
226 26.5 22.1 33.1
229 19.2 15.4 23.0





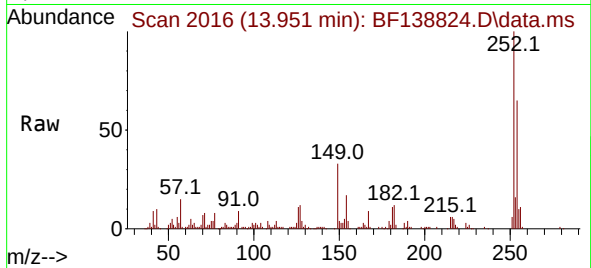
#82
3,3'-Dichlorobenzidine
Concen: 53.619 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

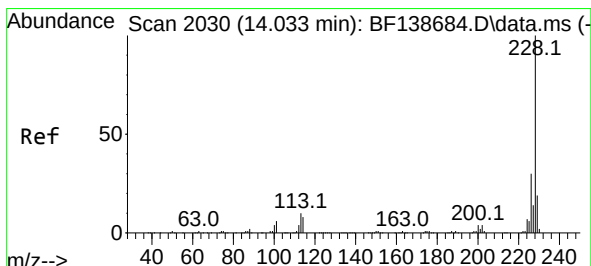
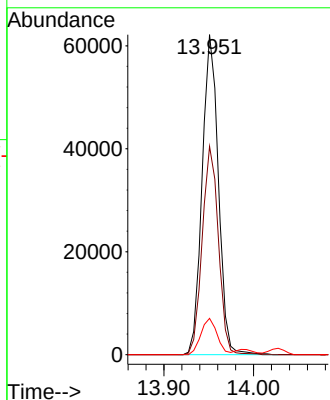
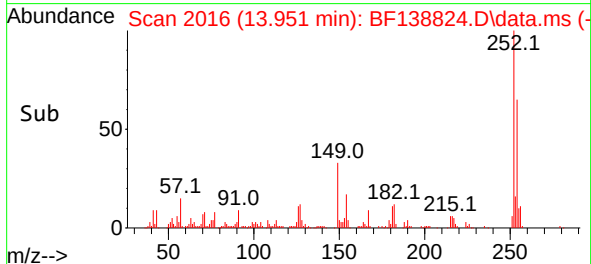


Tgt Ion:252 Resp: 7808
Ion Ratio Lower Upper
252 100
254 65.1 50.8 76.2
126 11.4 10.2 15.2

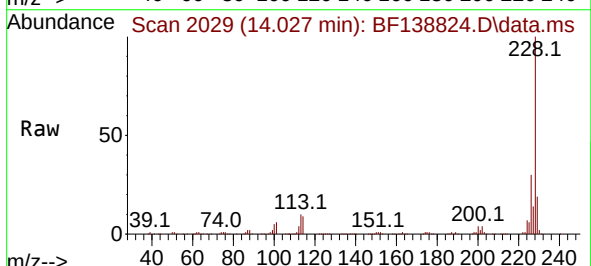
Manual Integrations

APPROVED

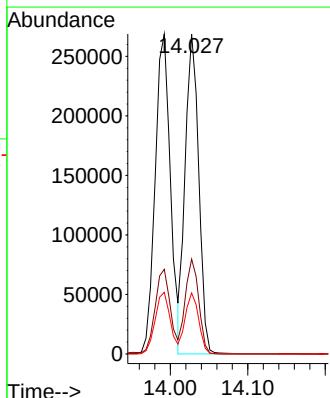
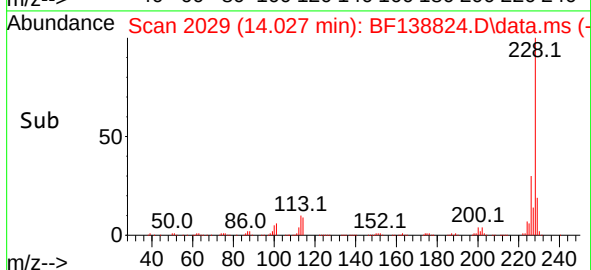
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

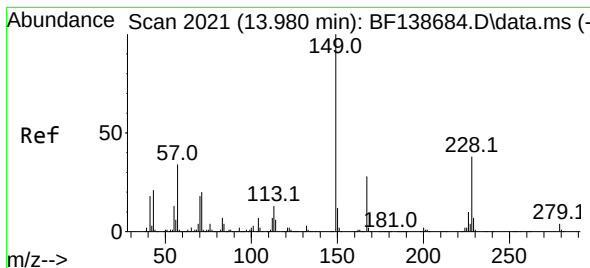


#83
Chrysene
Concen: 63.531 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30



Tgt Ion:228 Resp: 326184
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 19.1 15.0 22.6





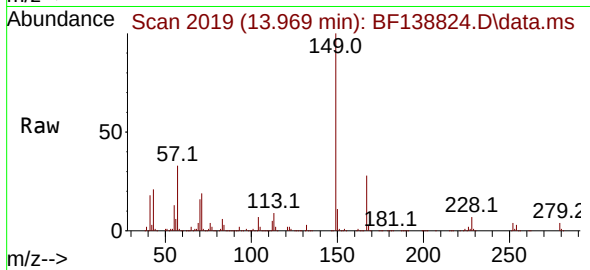
#84
Bis(2-ethylhexyl)phthalate
Concen: 63.685 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

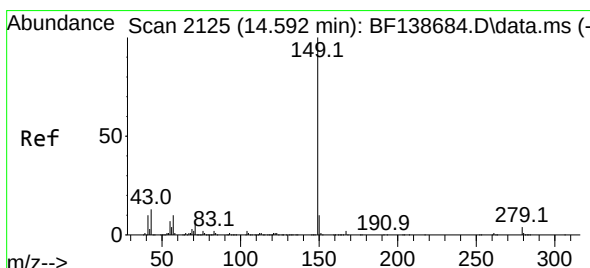
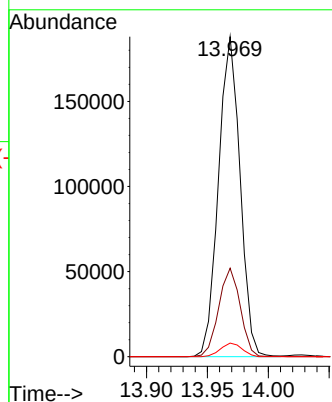
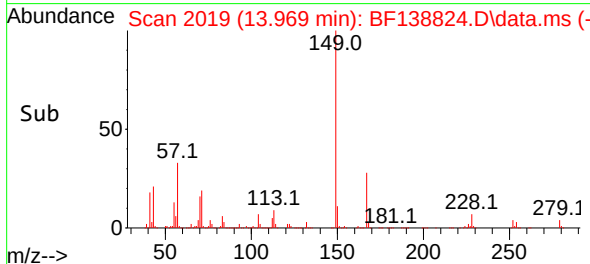


Tgt Ion:149 Resp: 232360
Ion Ratio Lower Upper
149 100
167 27.6 22.2 33.4
279 4.2 3.4 5.0

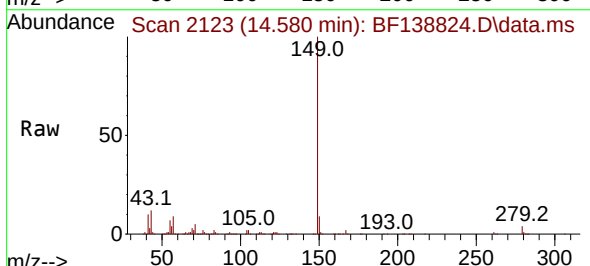
Manual Integrations

APPROVED

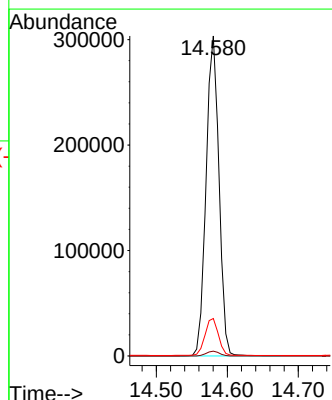
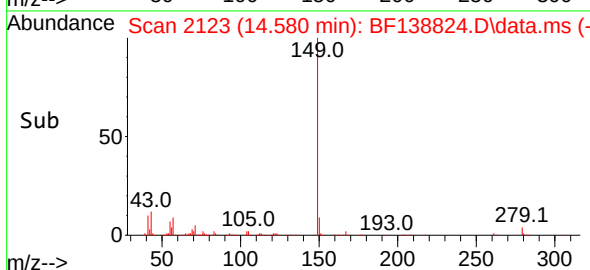
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

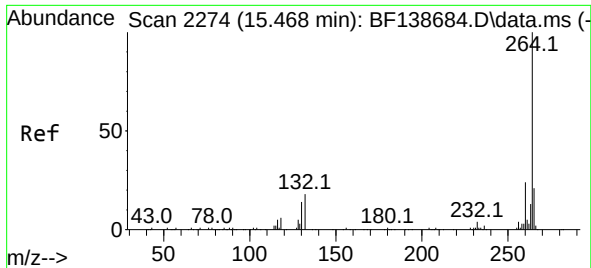


#85
Di-n-octyl phthalate
Concen: 56.727 ng
RT: 14.580 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30



Tgt Ion:149 Resp: 382944
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 12.2 10.4 15.6





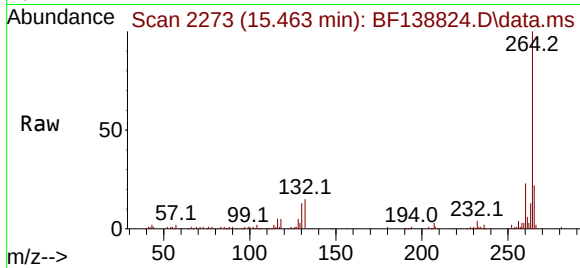
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS

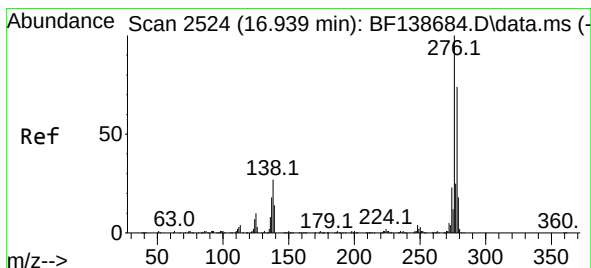
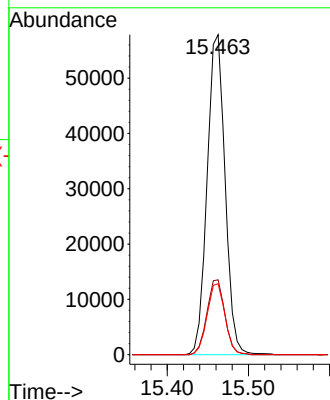
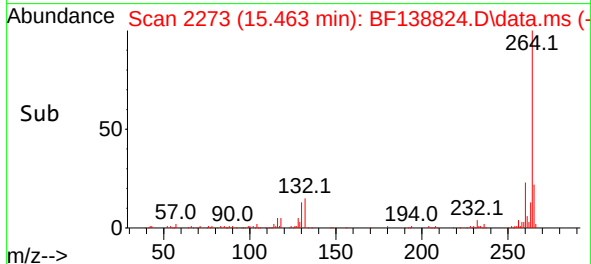


Tgt Ion:264 Resp: 8865
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 22.2 17.0 25.6

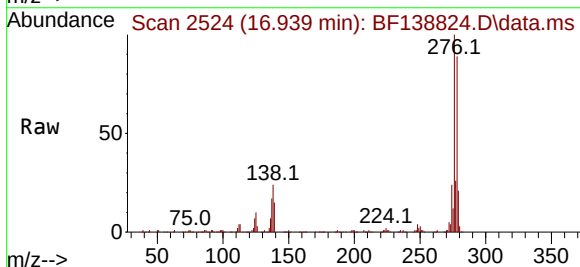
Manual Integrations

APPROVED

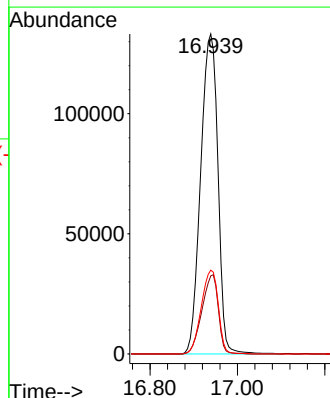
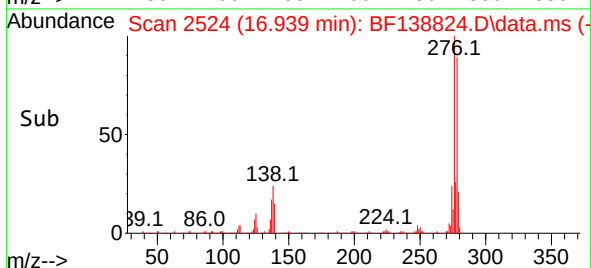
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

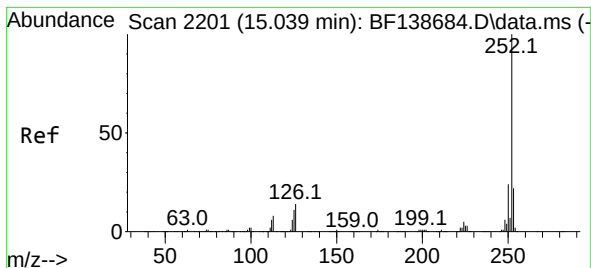


#87
Indeno(1,2,3-cd)pyrene
Concen: 57.605 ng
RT: 16.939 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BF138824.D
Acq: 07 Aug 2024 00:30



Tgt Ion:276 Resp: 365969
Ion Ratio Lower Upper
276 100
138 23.5 21.8 32.8
277 25.8 20.6 30.8





#88

Benzo(b)fluoranthene

Concen: 63.477 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF138824.D

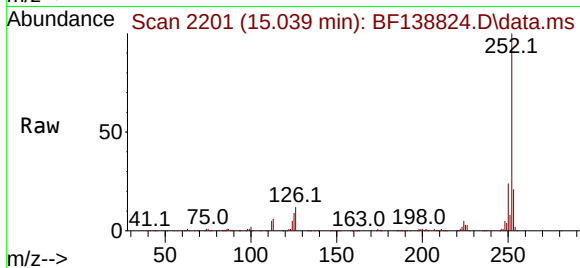
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS



Tgt Ion:252 Resp: 34883

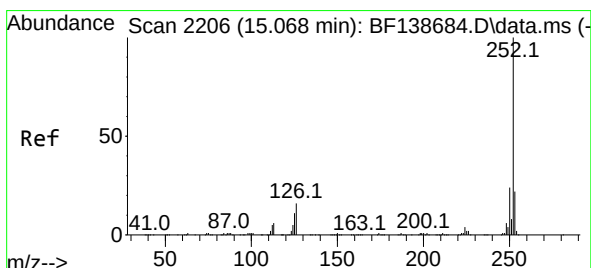
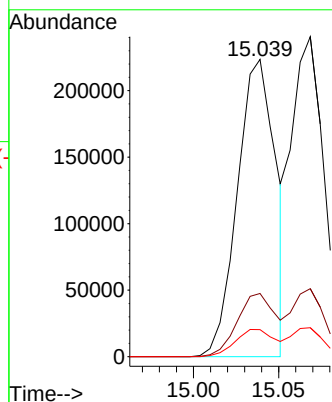
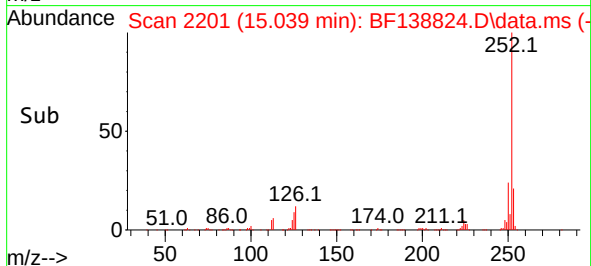
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	9.1	8.9	13.3

Manual Integrations

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Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#89

Benzo(k)fluoranthene

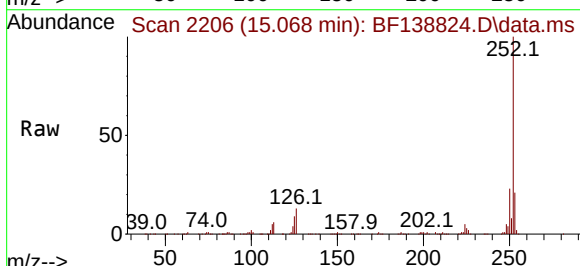
Concen: 67.239 ng

RT: 15.068 min Scan# 2206

Delta R.T. 0.000 min

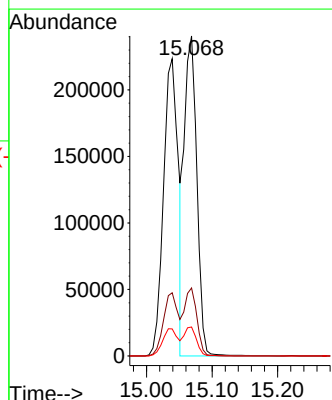
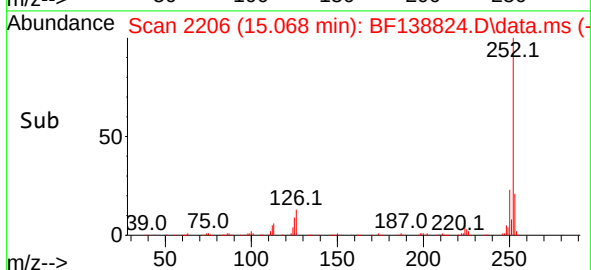
Lab File: BF138824.D

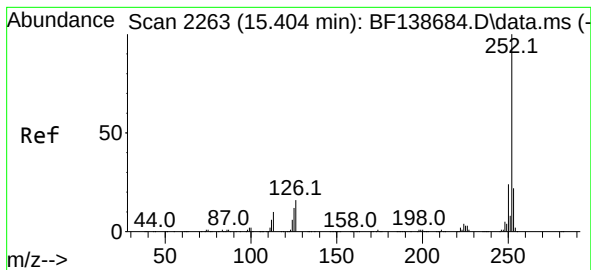
Acq: 07 Aug 2024 00:30



Tgt Ion:252 Resp: 319929

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	9.0	8.6	13.0





#90

Benzo(a)pyrene

Concen: 67.568 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF138824.D

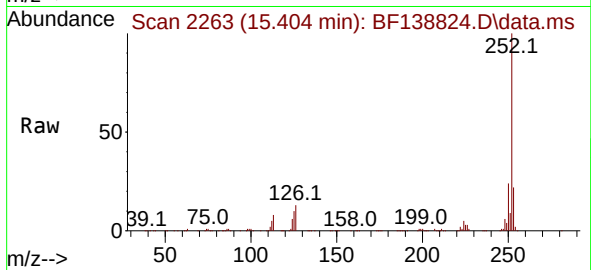
Acq: 07 Aug 2024 00:30

Instrument :

BNA_F

ClientSampleId :

SOIL-COMPMS



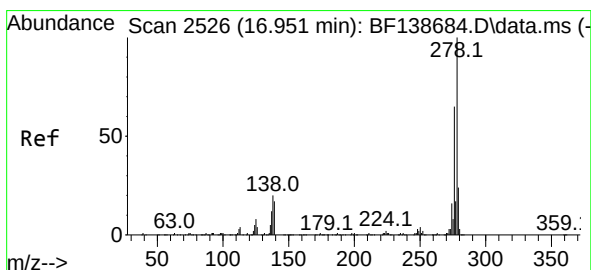
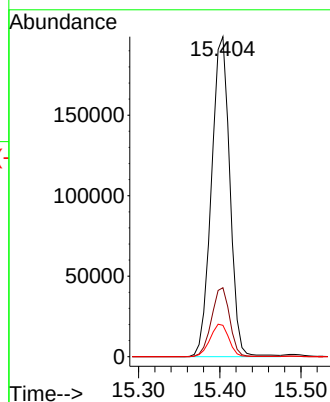
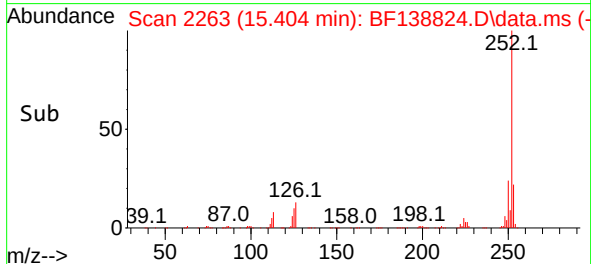
Tgt Ion:	252	Resp:	31233
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.3	25.9
125	9.8	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#91

Dibenzo(a,h)anthracene

Concen: 57.431 ng

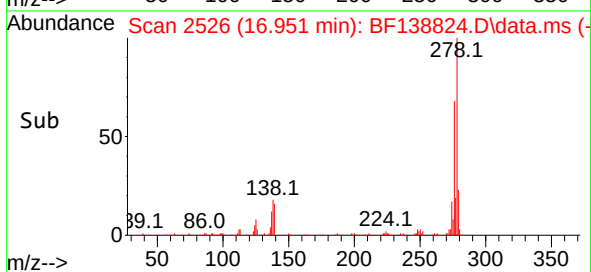
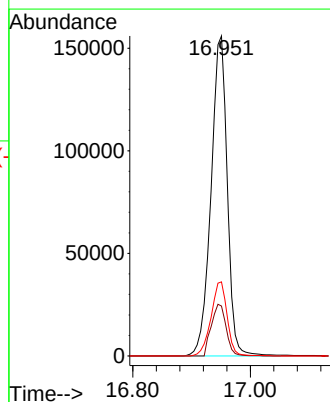
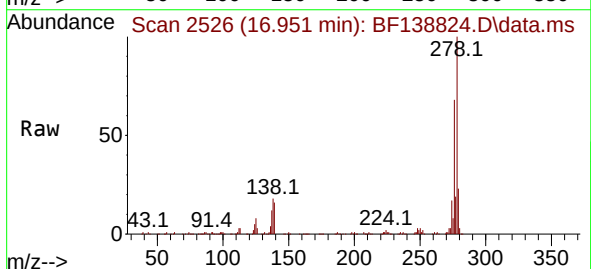
RT: 16.951 min Scan# 2526

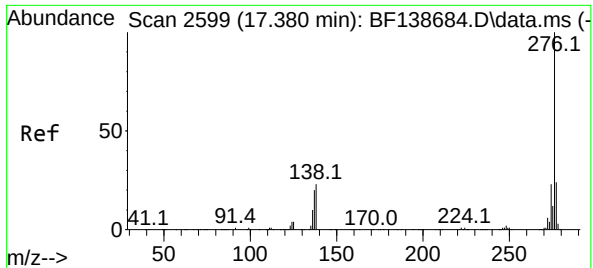
Delta R.T. 0.000 min

Lab File: BF138824.D

Acq: 07 Aug 2024 00:30

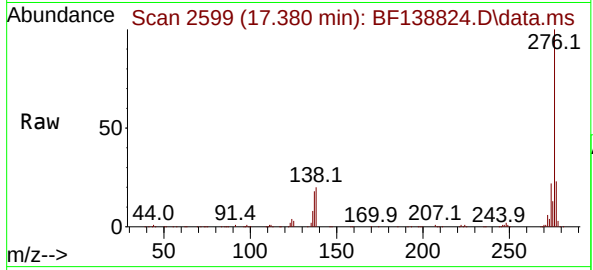
Tgt Ion:	278	Resp:	299504
Ion Ratio	Lower	Upper	
278	100		
139	15.6	14.0	21.0
279	23.2	19.0	28.4





#92
 Benzo(g,h,i)perylene
 Concen: 49.500 ng
 RT: 17.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138824.D
 Acq: 07 Aug 2024 00:30

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMPMS



Tgt Ion: 276 Resp: 26787

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.0	28.4
138	20.2	18.5	27.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024

