

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139041.D
 Acq On : 16 Aug 2024 00:48
 Operator : RC/JU
 Sample : P3485-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-SOILMS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 16 02:53:53 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	6.833	152	41565	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	170141	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	89510	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	131551	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	78293	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	77131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	259523	96.382	ng	0.00
7) Phenol-d6	6.486	99	351485	97.226	ng	0.00
23) Nitrobenzene-d5	7.404	82	232073	66.688	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	62919	85.813	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	395798	66.438	ng	-0.02
79) Terphenyl-d14	12.933	244	301071	64.383	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	48075	40.781	ng	# 91
3) Pyridine	3.422	79	125527	43.957	ng	94
4) n-Nitrosodimethylamine	3.393	42	105717	62.157	ng	85
6) Aniline	6.504	93	96331	29.879	ng	# 1
8) 2-Chlorophenol	6.628	128	155479	54.882	ng	99
9) Benzaldehyde	6.398	77	5928	2.735	ng	97
10) Phenol	6.498	94	201676	52.984	ng	88
11) bis(2-Chloroethyl)ether	6.575	93	147042	50.201	ng	100
12) 1,3-Dichlorobenzene	6.775	146	165369	52.148	ng	97
13) 1,4-Dichlorobenzene	6.851	146	171045	53.447	ng	100
14) 1,2-Dichlorobenzene	7.004	146	161265	53.919	ng	99
15) Benzyl Alcohol	6.986	79	150796	57.874	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	263761	52.325	ng	# 50
17) 2-Methylphenol	7.104	107	123847	52.942	ng	# 83
18) Hexachloroethane	7.339	117	65639	54.488	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	125784	57.607	ng	96
20) 3+4-Methylphenols	7.257	107	171126	57.015	ng	# 84
22) Acetophenone	7.251	105	212849	51.093	ng	99
24) Nitrobenzene	7.422	77	184469	52.093	ng	98
25) Isophorone	7.663	82	322875	54.336	ng	98
26) 2-Nitrophenol	7.739	139	82556	54.188	ng	91
27) 2,4-Dimethylphenol	7.780	122	100923	55.366	ng	93
28) bis(2-Chloroethoxy)met...	7.869	93	184842	51.081	ng	99
29) 2,4-Dichlorophenol	7.986	162	128871	55.019	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	141850	52.477	ng	98
31) Naphthalene	8.139	128	464093	51.821	ng	100
32) Benzoic acid	7.933	122	49213	34.346	ng	91
33) 4-Chloroaniline	8.198	127	41549	13.821	ng	96
34) Hexachlorobutadiene	8.251	225	85236	52.061	ng	99
35) Caprolactam	8.575	113	36502m	52.227	ng	
36) 4-Chloro-3-methylphenol	8.692	107	145435	54.329	ng	99
37) 2-Methylnaphthalene	8.827	142	300865	53.194	ng	99
38) 1-Methylnaphthalene	8.927	142	275619	49.729	ng	97
40) 1,2,4,5-Tetrachloroben...	8.992	216	127736	51.372	ng	98
41) Hexachlorocyclopentadiene	8.975	237	58677	88.359	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	79580	52.492	ng	99

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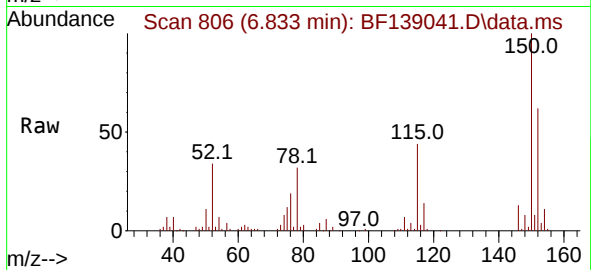
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	81211	49.001	ng	98
46) 1,1'-Biphenyl	9.292	154	353861	50.477	ng	99
47) 2-Chloronaphthalene	9.322	162	274758	52.698	ng	99
48) 2-Nitroaniline	9.427	65	99125	56.081	ng	98
49) Acenaphthylene	9.733	152	426650	57.697	ng	99
50) Dimethylphthalate	9.592	163	333438	58.259	ng	100
51) 2,6-Dinitrotoluene	9.663	165	69111	53.505	ng	# 81
52) Acenaphthene	9.904	154	258945	52.093	ng	99
53) 3-Nitroaniline	9.839	138	40161	30.077	ng	94
54) 2,4-Dinitrophenol	9.957	184	47552	79.974	ng	84
55) Dibenzofuran	10.074	168	377884	53.854	ng	96
56) 4-Nitrophenol	10.022	139	56259	70.063	ng	86
57) 2,4-Dinitrotoluene	10.074	165	89652	54.402	ng	# 78
58) Fluorene	10.422	166	301792	54.009	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	63958	50.477	ng	97
60) Diethylphthalate	10.292	149	314066	57.874	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	146934	53.466	ng	96
62) 4-Nitroaniline	10.457	138	57682m	45.457	ng	
63) Azobenzene	10.569	77	324609	53.932	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	41451	51.648	ng	95
66) n-Nitrosodiphenylamine	10.533	169	250888	61.014	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	80543	56.550	ng	97
68) Hexachlorobenzene	10.969	284	79400	53.992	ng	98
69) Atrazine	11.057	200	68665	64.723	ng	99
70) Pentachlorophenol	11.174	266	39709	59.906	ng	94
71) Phenanthrene	11.380	178	376155	55.531	ng	99
72) Anthracene	11.433	178	372792	55.864	ng	99
73) Carbazole	11.592	167	296116	51.434	ng	99
74) Di-n-butylphthalate	11.910	149	401735	62.072	ng	99
75) Fluoranthene	12.568	202	330580	52.276	ng	98
77) Benzidine	12.698	184	53208	28.413	ng	98
78) Pyrene	12.798	202	334914	45.433	ng	99
80) Butylbenzylphthalate	13.410	149	144393	61.169	ng	96
81) Benzo(a)anthracene	13.986	228	305749	56.710	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	51736	37.498	ng	99
83) Chrysene	14.027	228	263088	54.088	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	192728	55.756	ng	98
85) Di-n-octyl phthalate	14.574	149	338846	52.983	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	198721	35.951	ng	96
88) Benzo(b)fluoranthene	15.039	252	278155	58.175	ng	98
89) Benzo(k)fluoranthene	15.068	252	258982	62.559	ng	97
90) Benzo(a)pyrene	15.404	252	236129	58.712	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	162844	35.890	ng	96
92) Benzo(g,h,i)perylene	17.380	276	147565	31.341	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.833 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF139041.D
 Acq: 16 Aug 2024 00:48

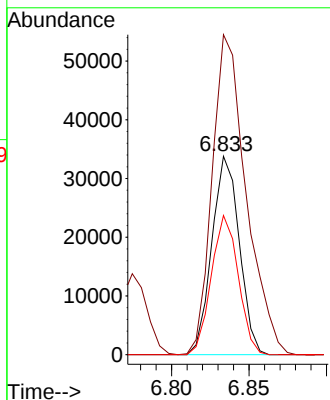
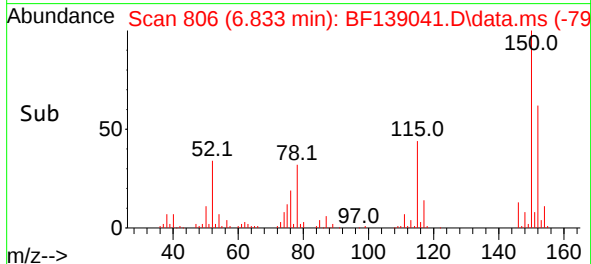
Instrument :
 BNA_F
 ClientSampleId :
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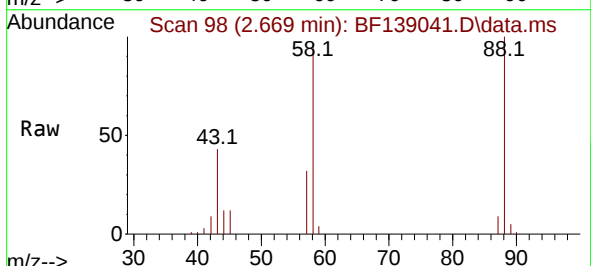
Tgt Ion:152 Resp: 4156
 Ion Ratio Lower Upper
 152 100
 150 161.2 126.0 189.0
 115 70.2 51.7 77.5

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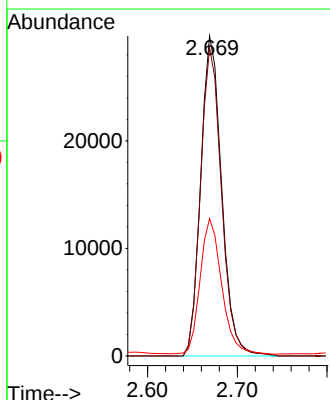
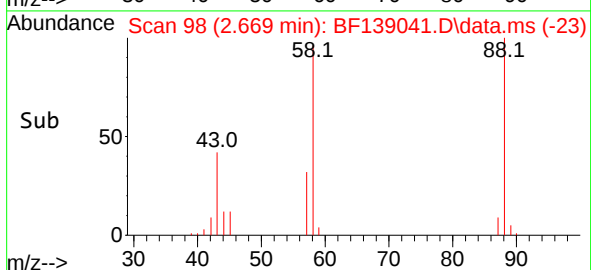
Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#2
 1,4-Dioxane
 Concen: 40.781 ng
 RT: 2.669 min Scan# 98
 Delta R.T. 0.094 min
 Lab File: BF139041.D
 Acq: 16 Aug 2024 00:48



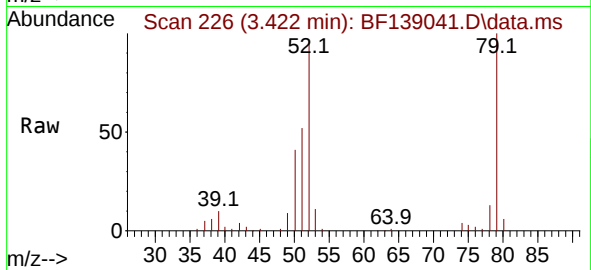
Tgt Ion: 88 Resp: 48075
 Ion Ratio Lower Upper
 88 100
 58 97.0 71.6 107.4
 43 43.6 28.7 43.1#





#3
Pyridine
Concen: 43.957 ng
RT: 3.422 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

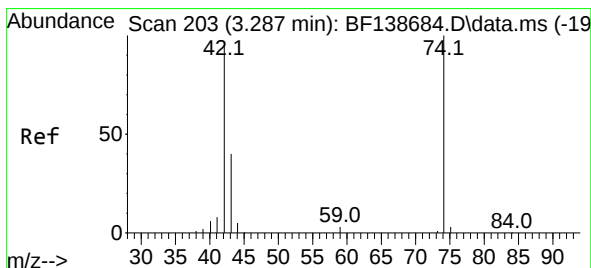
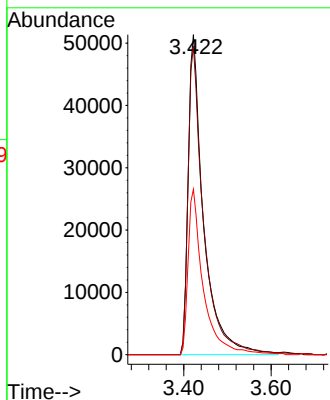
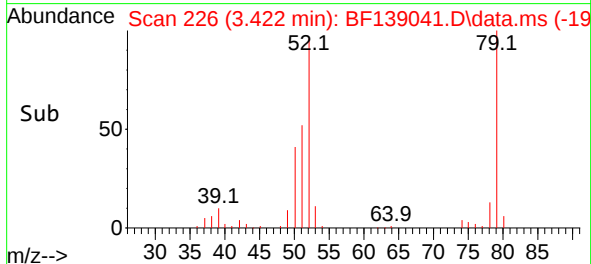
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ClientSampleId :
C-SOILMS



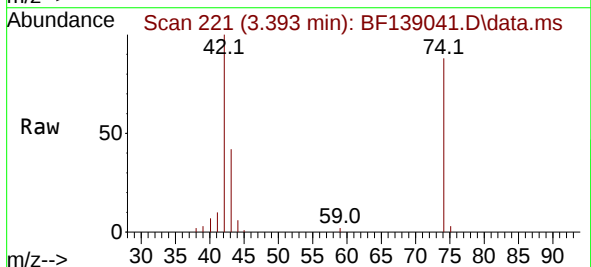
Tgt Ion: 79 Resp: 12552
Ion Ratio Lower Upper
79 100
52 96.4 74.7 112.1
51 51.7 34.6 51.8

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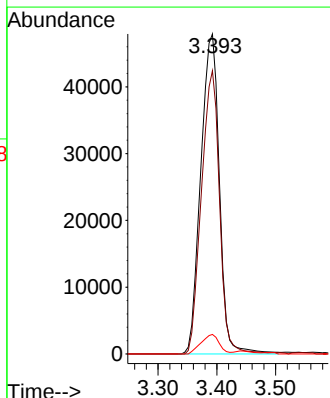
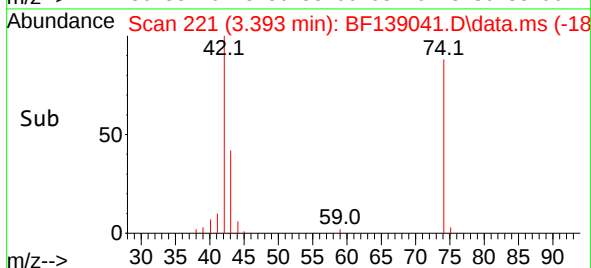
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#4
n-Nitrosodimethylamine
Concen: 62.157 ng
RT: 3.393 min Scan# 221
Delta R.T. 0.106 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



Tgt Ion: 42 Resp: 105717
Ion Ratio Lower Upper
42 100
74 88.5 84.2 126.4
44 6.1 4.9 7.3





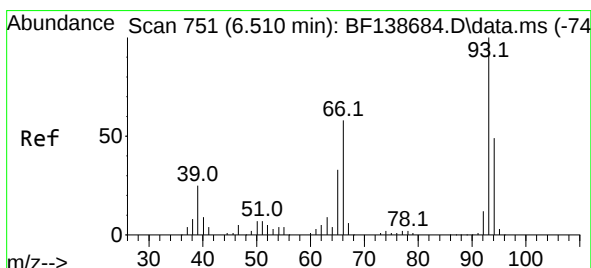
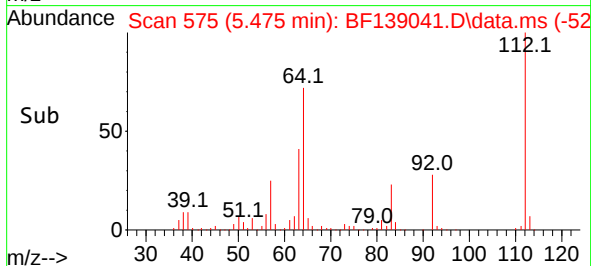
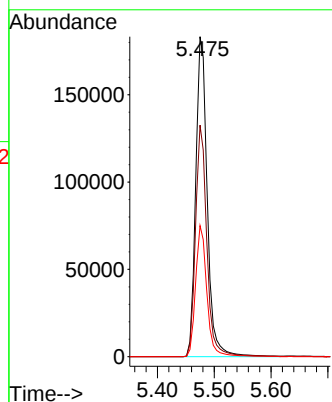
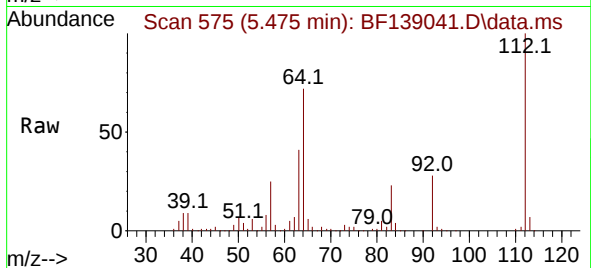
#5
2-Fluorophenol
Concen: 96.382 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

Instrument :
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Tgt Ion:112 Resp: 25952
Ion Ratio Lower Upper
112 100
64 72.3 54.2 81.4
63 40.9 28.7 43.1

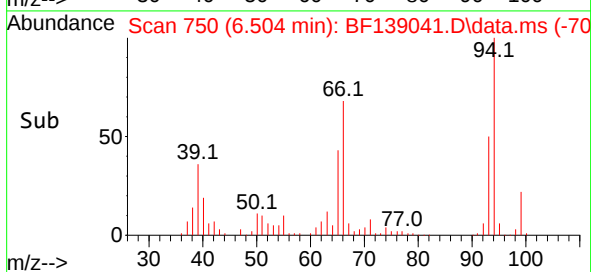
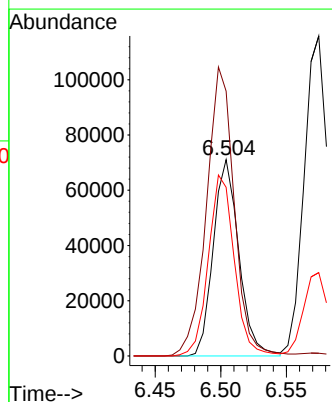
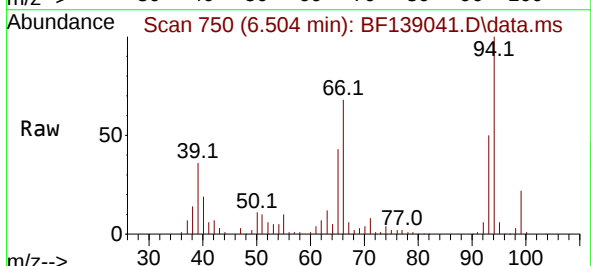
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#6
Aniline
Concen: 29.879 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

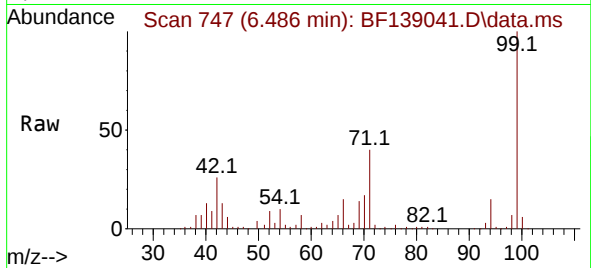
Tgt Ion: 93 Resp: 96331
Ion Ratio Lower Upper
93 100
66 134.8 46.9 70.3#
65 85.9 26.5 39.7#





#7
Phenol-d6
Concen: 97.226 ng
RT: 6.486 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

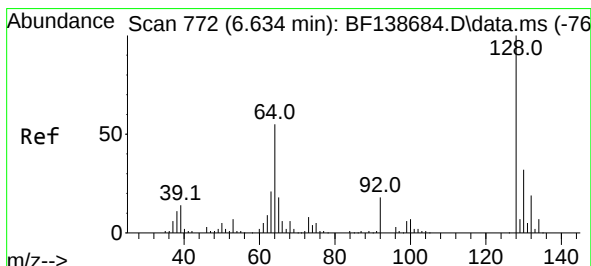
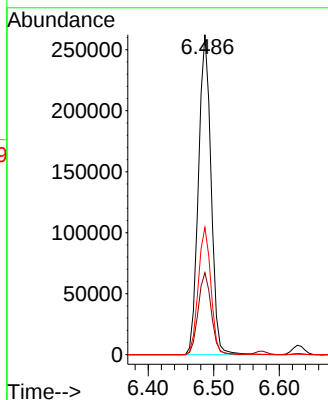
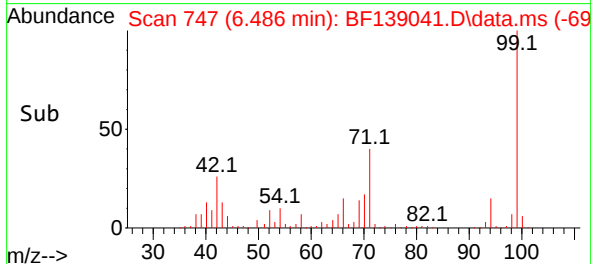
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



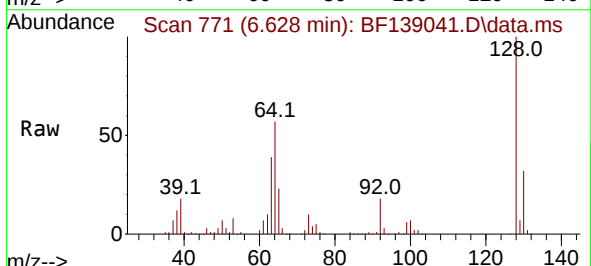
Tgt Ion: 99 Resp: 351485
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 39.8 28.1 42.1

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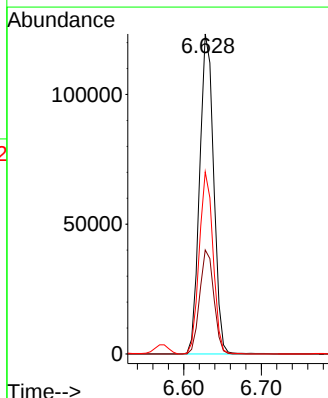
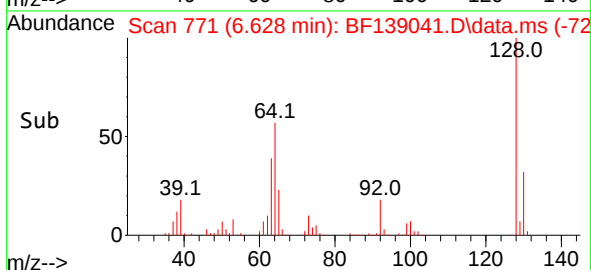
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#8
2-Chlorophenol
Concen: 54.882 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



Tgt Ion:128 Resp: 155479
Ion Ratio Lower Upper
128 100
130 32.5 12.0 52.0
64 56.9 36.3 76.3





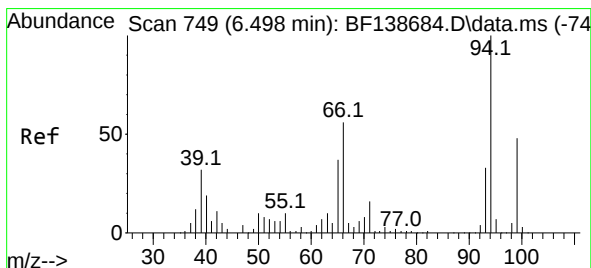
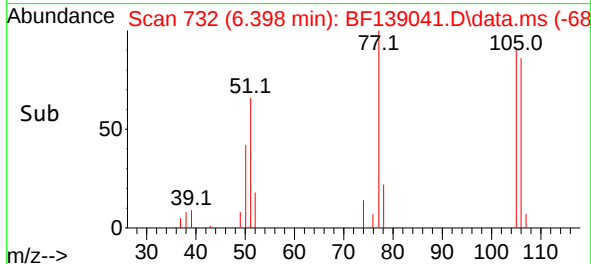
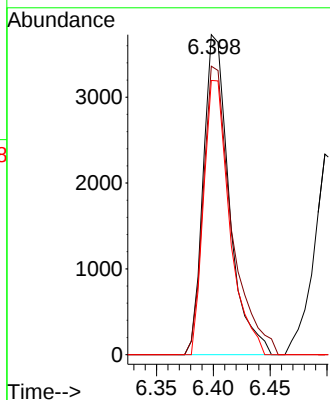
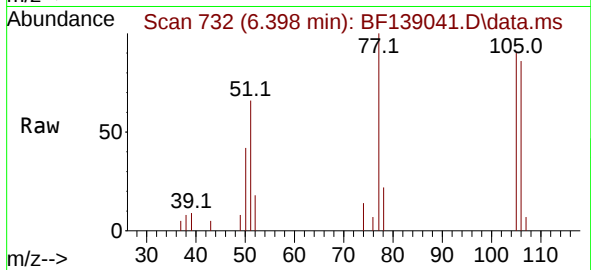
#9
Benzaldehyde
Concen: 2.735 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

Instrument :
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Tgt Ion: 77	Resp: 5928
Ion Ratio	Lower Upper
77 100	
105 90.2	72.9 112.9
106 85.7	68.4 108.4

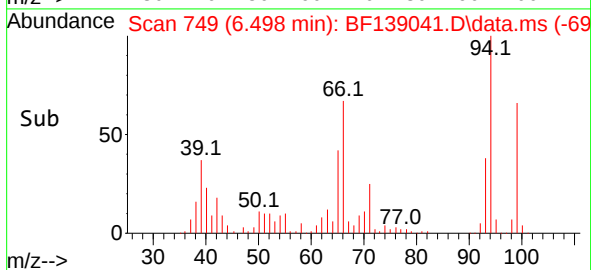
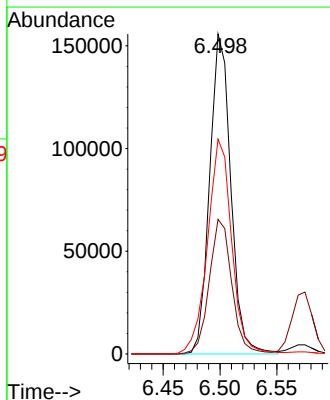
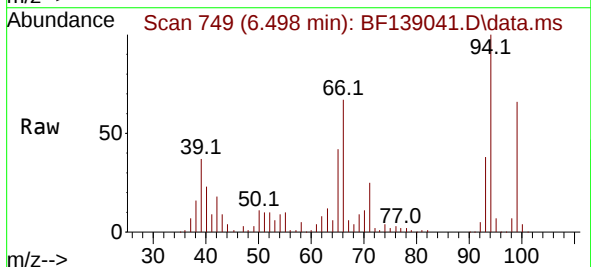
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#10
Phenol
Concen: 52.984 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

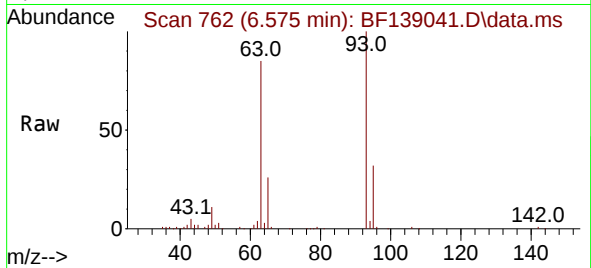
Tgt Ion: 94	Resp: 201676
Ion Ratio	Lower Upper
94 100	
65 42.1	16.9 56.9
66 67.2	36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 50.201 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

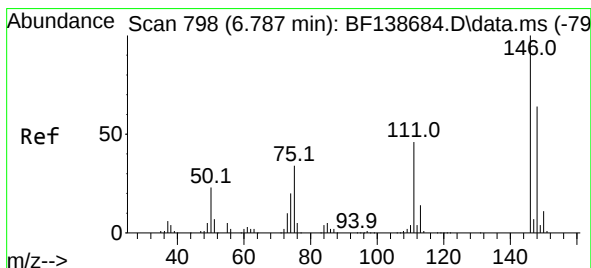
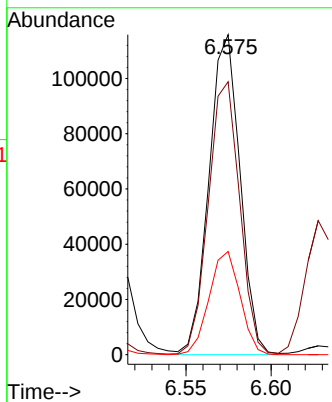
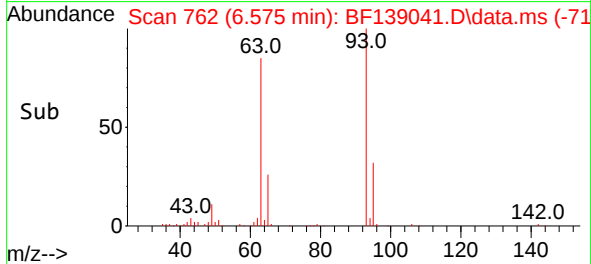
Instrument :
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Tgt Ion: 93 Resp: 14704
Ion Ratio Lower Upper
93 100
63 85.3 65.3 105.3
95 32.2 12.4 52.4

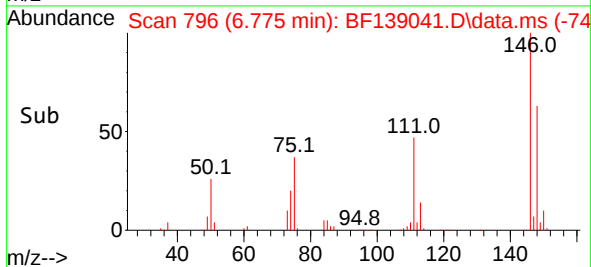
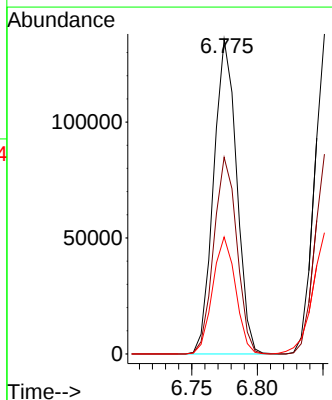
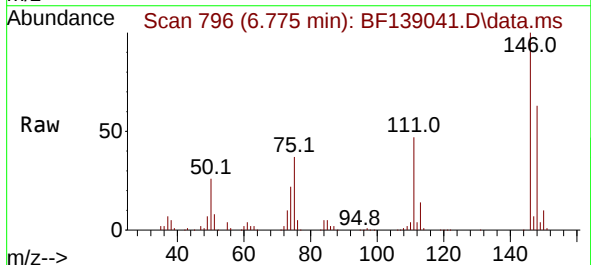
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#12
1,3-Dichlorobenzene
Concen: 52.148 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

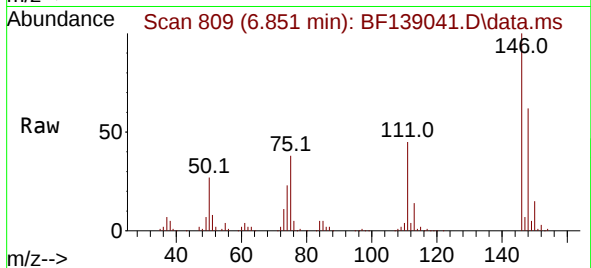
Tgt Ion:146 Resp: 165369
Ion Ratio Lower Upper
146 100
148 62.5 51.2 76.8
75 37.2 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 53.447 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

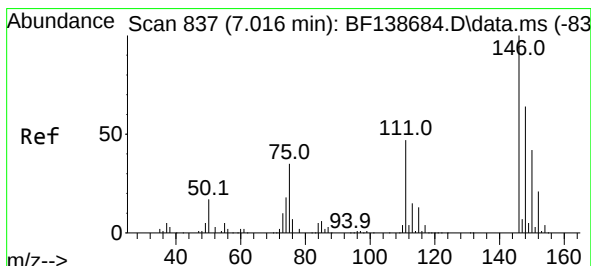
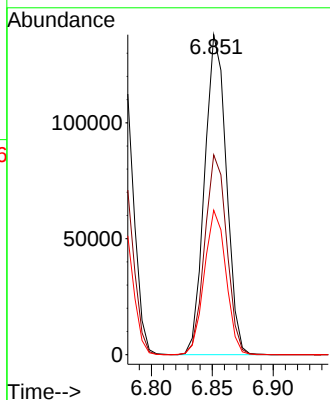
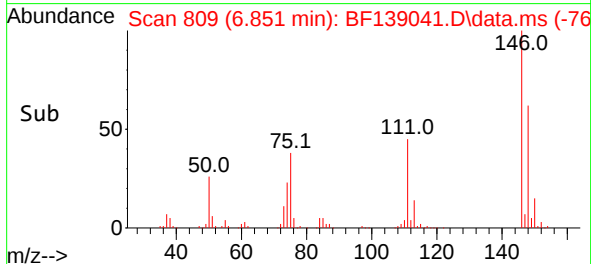
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



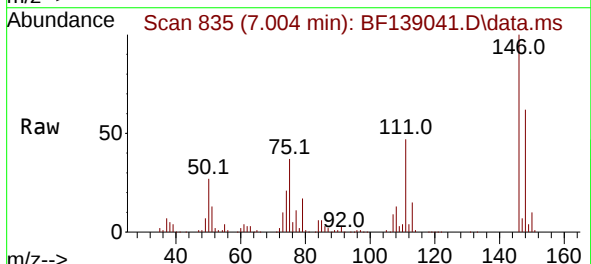
Tgt Ion:146 Resp: 171049
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.2
111 45.1 35.9 53.9

Manual Integrations
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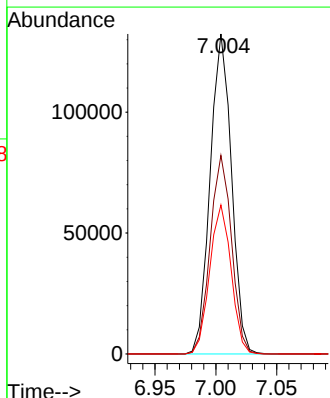
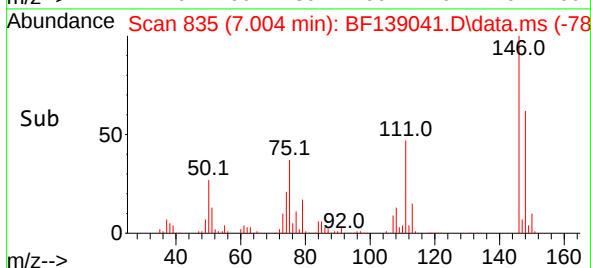
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#14
1,2-Dichlorobenzene
Concen: 53.919 ng
RT: 7.004 min Scan# 835
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



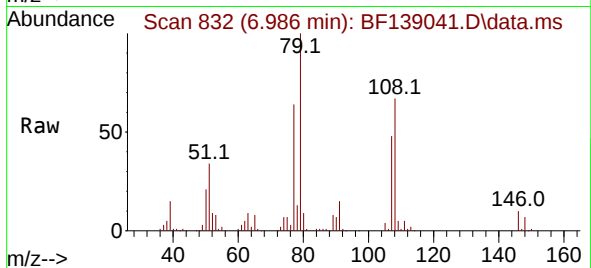
Tgt Ion:146 Resp: 161265
Ion Ratio Lower Upper
146 100
148 62.1 50.8 76.2
111 46.6 37.4 56.2





#15
Benzyl Alcohol
Concen: 57.874 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

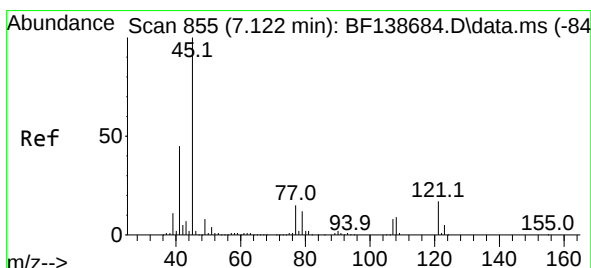
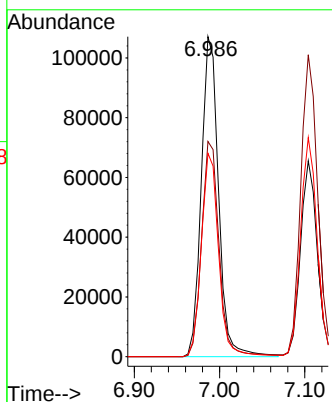
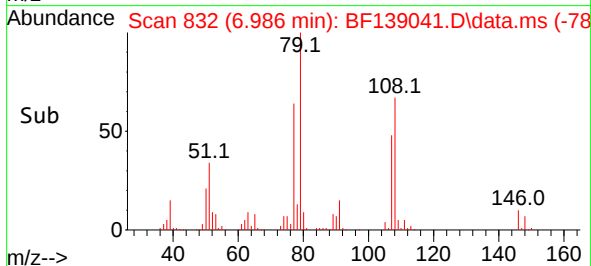
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



Tgt Ion: 79 Resp: 150790
Ion Ratio Lower Upper
79 100
108 67.3 56.6 85.0
77 63.5 50.3 75.5

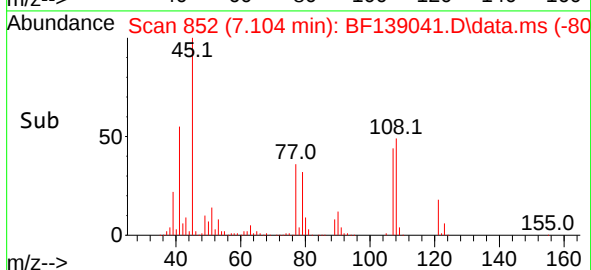
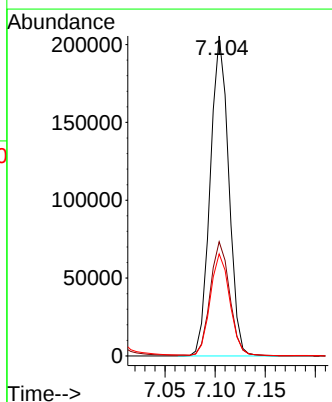
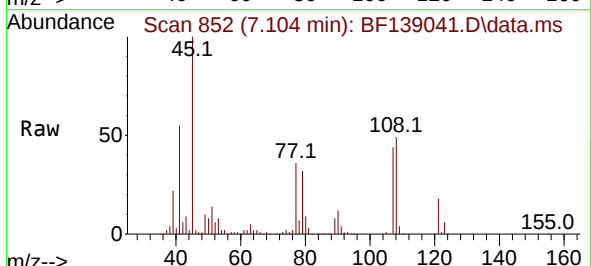
Manual Integrations
APPROVED

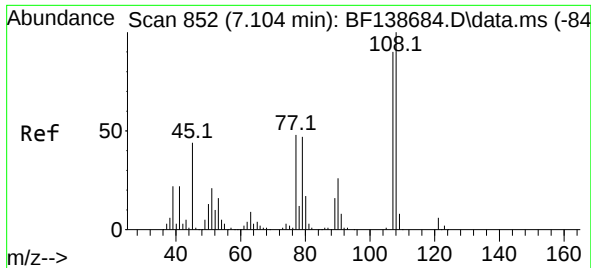
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.325 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

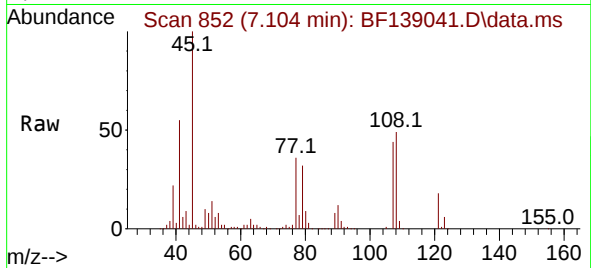
Tgt Ion: 45 Resp: 263761
Ion Ratio Lower Upper
45 100
77 35.7 0.0 34.9#
79 31.9 0.0 32.2





#17
2-Methylphenol
Concen: 52.942 ng
RT: 7.104 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

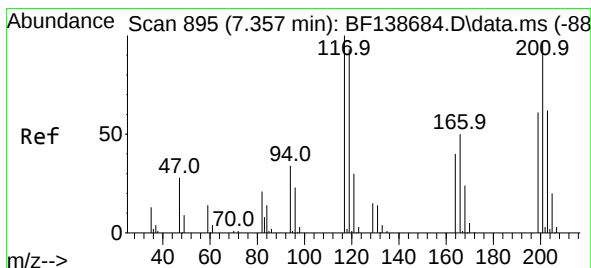
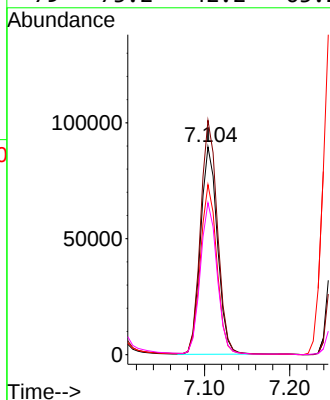
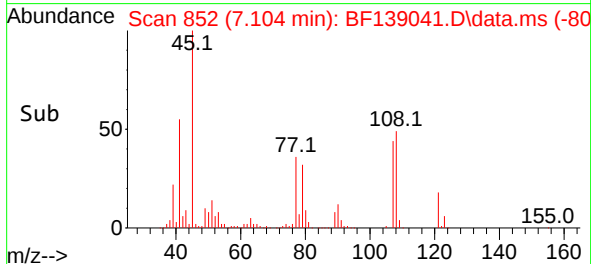
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



Tgt Ion:107 Resp: 12384
Ion Ratio Lower Upper
107 100
108 112.8 89.2 133.8
77 81.8 43.0 64.4
79 73.2 42.2 63.2

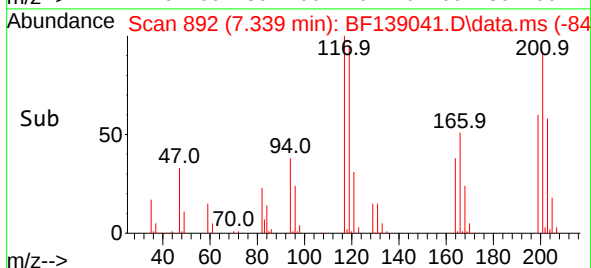
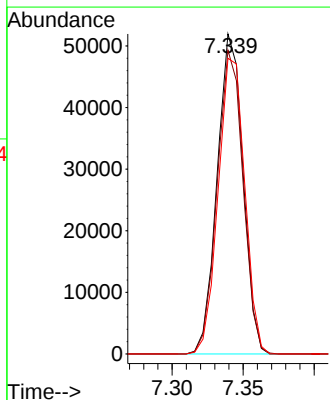
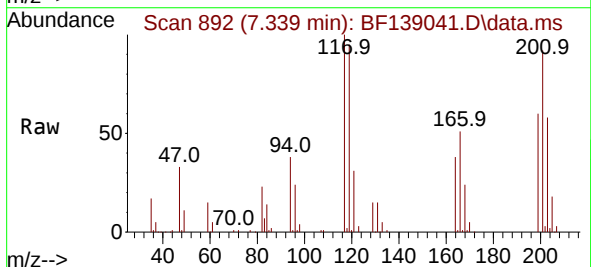
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#18
Hexachloroethane
Concen: 54.488 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

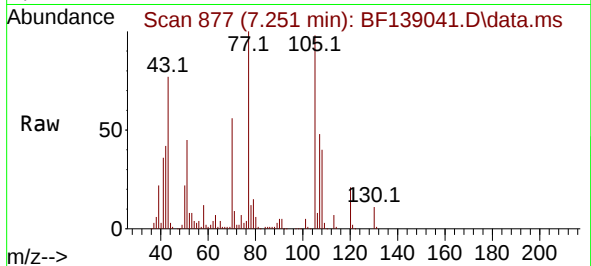
Tgt Ion:117 Resp: 65639
Ion Ratio Lower Upper
117 100
119 94.9 74.6 111.8
201 92.4 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 57.607 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

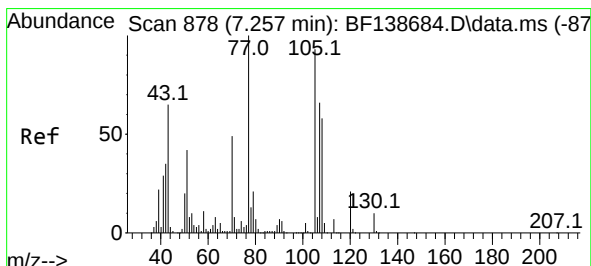
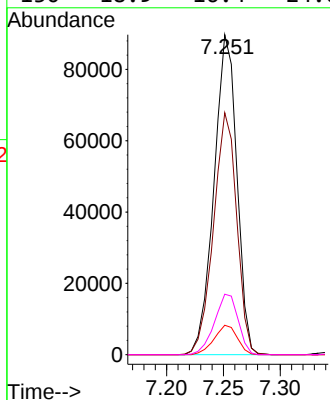
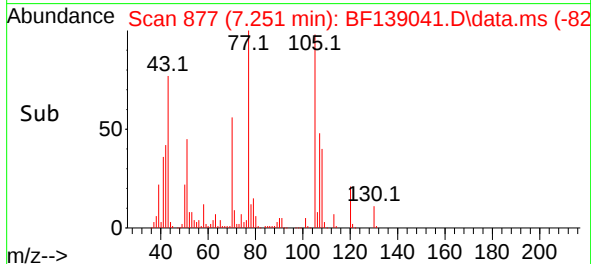
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



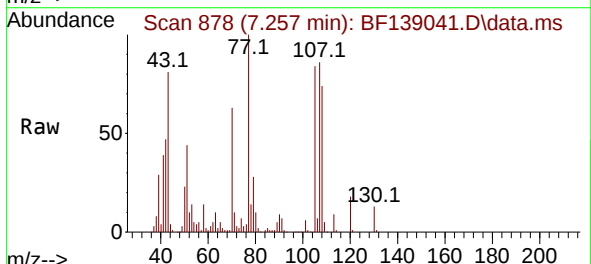
Tgt Ion: 70 Resp: 125784
Ion Ratio Lower Upper
70 100
42 75.6 57.4 86.0
101 9.2 7.5 11.3
130 18.9 16.4 24.6

Manual Integrations
APPROVED

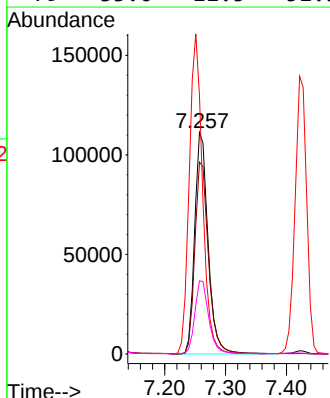
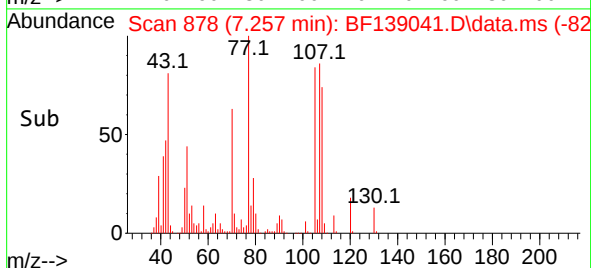
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

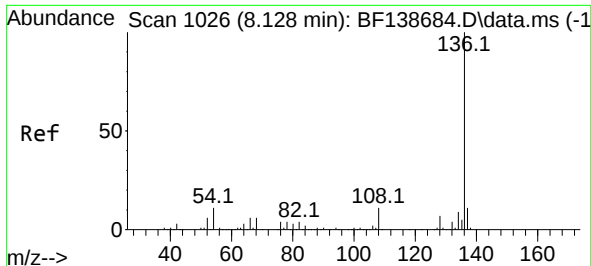


#20
3+4-Methylphenols
Concen: 57.015 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



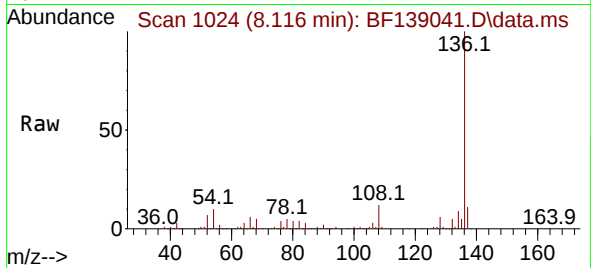
Tgt Ion:107 Resp: 171126
Ion Ratio Lower Upper
107 100
108 86.6 68.2 108.2
77 116.5 132.1 172.1#
79 33.0 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

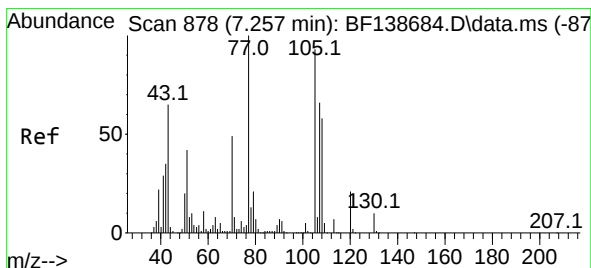
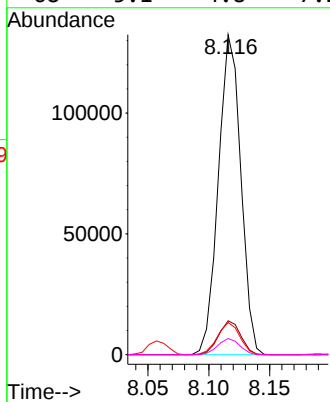
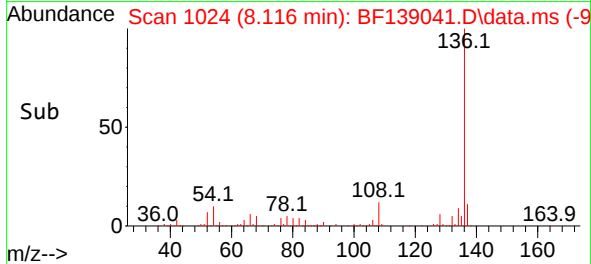
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



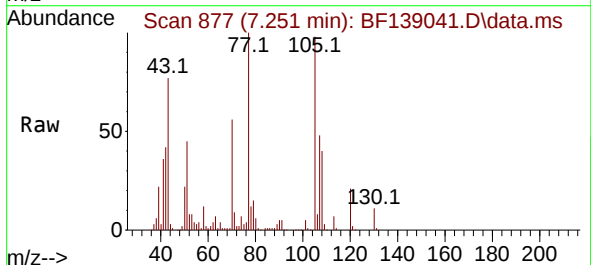
Tgt Ion:136 Resp: 17014
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.1 8.6 12.8
68 5.1 4.8 7.2

Manual Integrations
APPROVED

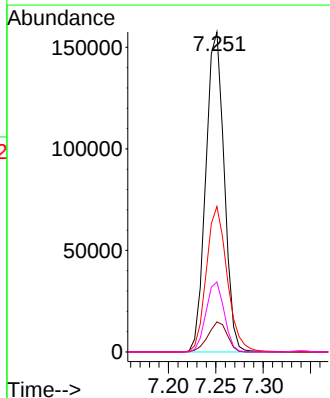
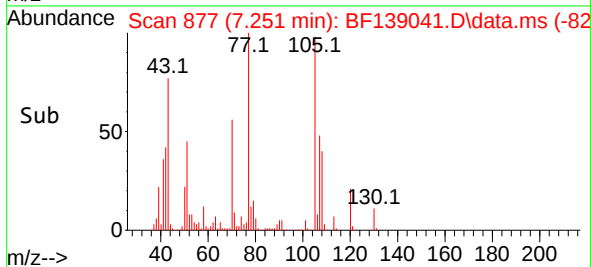
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#22
Acetophenone
Concen: 51.093 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



Tgt Ion:105 Resp: 212849
Ion Ratio Lower Upper
105 100
71 9.4 7.2 10.8
51 45.5 35.9 53.9
120 21.8 17.6 26.4





#23
Nitrobenzene-d5
Concen: 66.688 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

Instrument :

BNA_F

ClientSampleId :

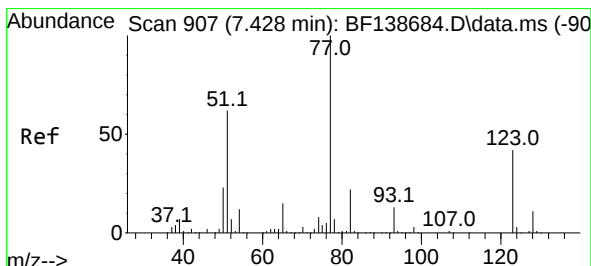
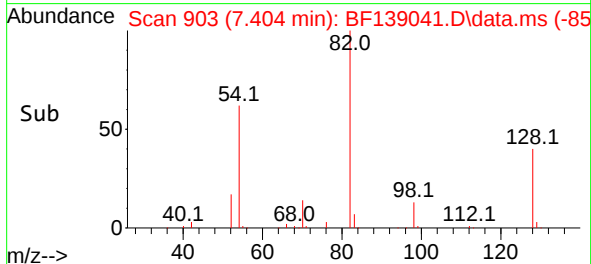
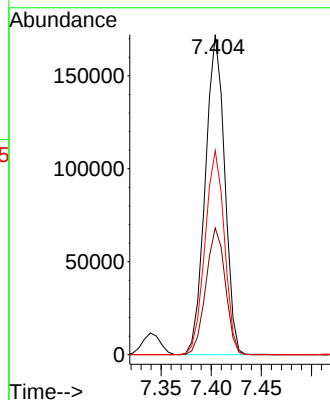
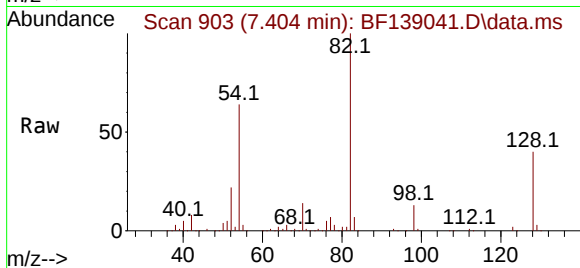
C-SOILMS

Tgt Ion: 82 Resp: 23207
Ion Ratio Lower Upper
82 100
128 39.6 32.8 49.2
54 63.8 48.3 72.5

Manual Integrations

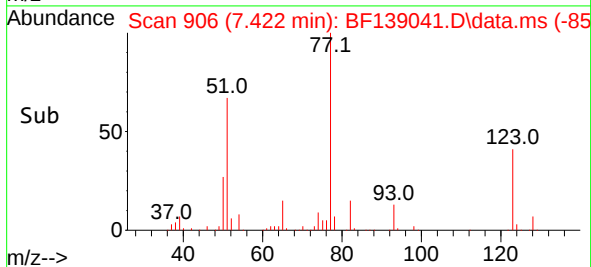
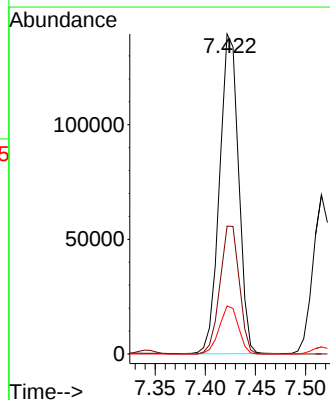
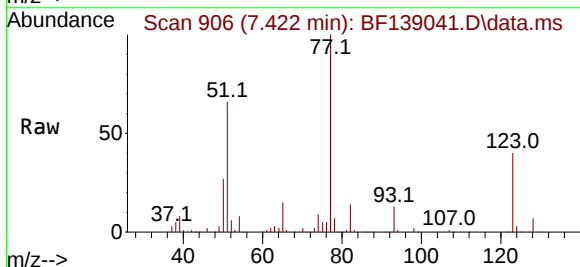
APPROVED

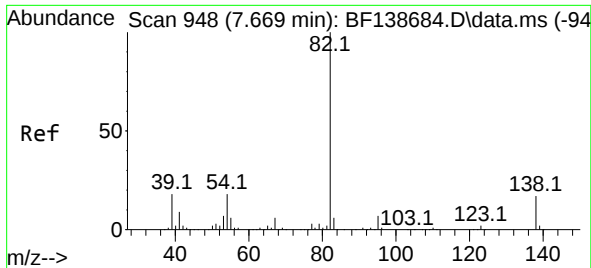
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#24
Nitrobenzene
Concen: 52.093 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

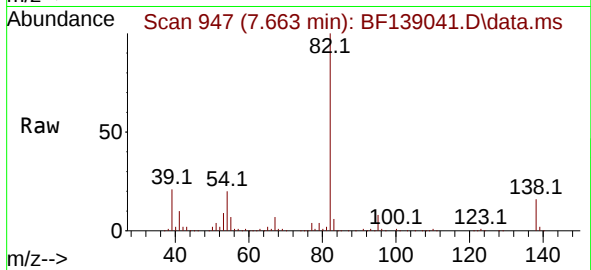
Tgt Ion: 77 Resp: 184469
Ion Ratio Lower Upper
77 100
123 39.9 33.3 49.9
65 15.0 11.9 17.9





#25
Isophorone
Concen: 54.336 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

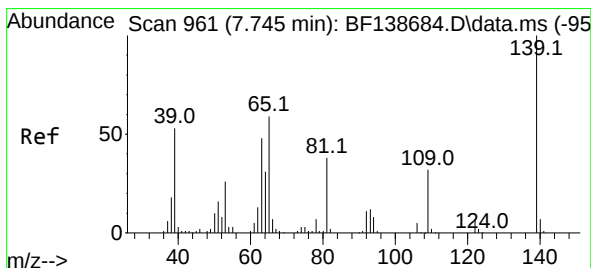
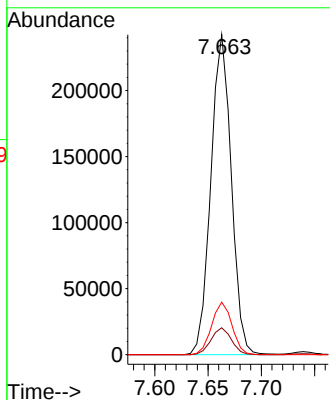
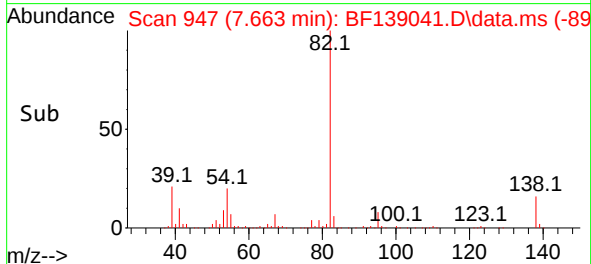
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



Tgt Ion: 82 Resp: 322875
Ion Ratio Lower Upper
82 100
95 8.4 5.7 8.5
138 16.4 13.7 20.5

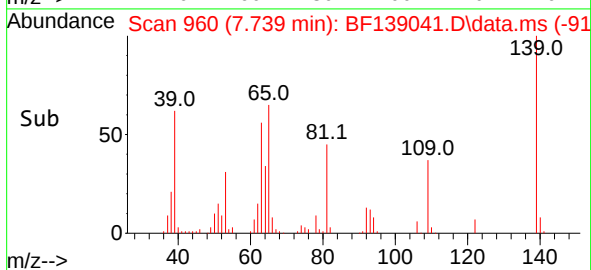
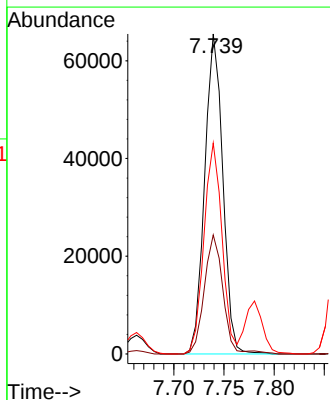
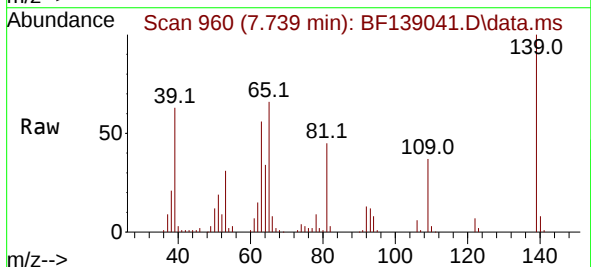
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#26
2-Nitrophenol
Concen: 54.188 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

Tgt Ion:139 Resp: 82556
Ion Ratio Lower Upper
139 100
109 37.2 25.9 38.9
65 65.9 47.0 70.6





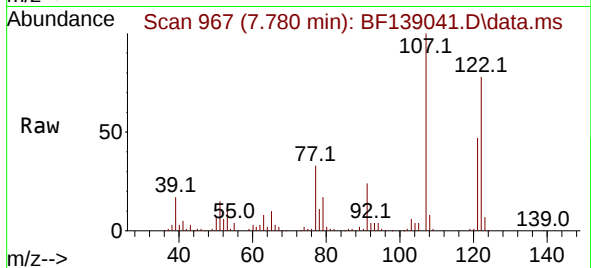
#27
2,4-Dimethylphenol
Concen: 55.366 ng
RT: 7.780 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

Instrument :

BNA_F

ClientSampleId :

C-SOILMS

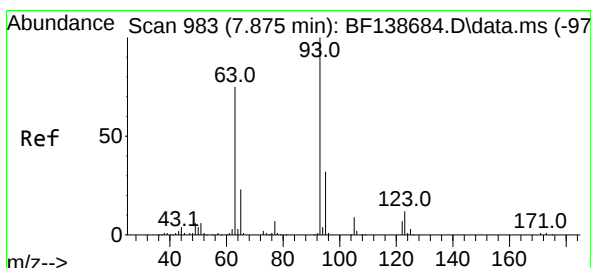
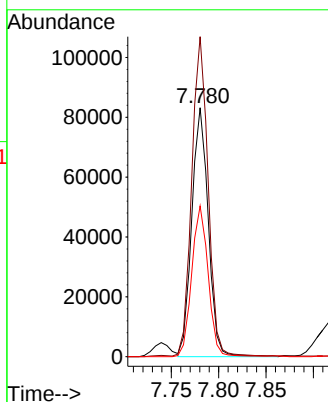
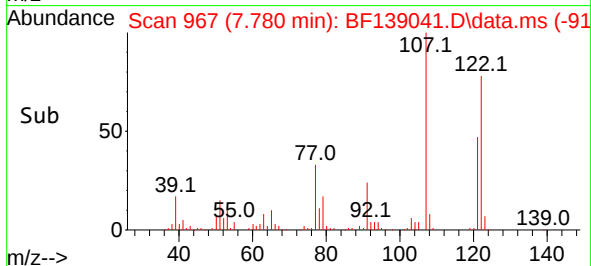


Tgt Ion:122 Resp: 10092
Ion Ratio Lower Upper
122 100
107 128.5 95.0 142.6
121 60.5 47.3 70.9

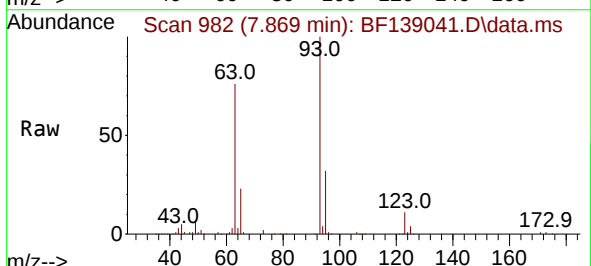
Manual Integrations

APPROVED

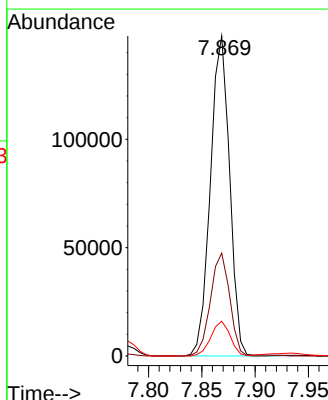
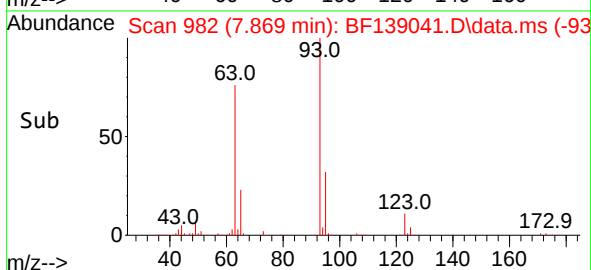
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#28
bis(2-Chloroethoxy)methane
Concen: 51.081 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



Tgt Ion: 93 Resp: 184842
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 55.019 ng

RT: 7.986 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF139041.D

Acq: 16 Aug 2024 00:48

Instrument :

BNA_F

ClientSampleId :

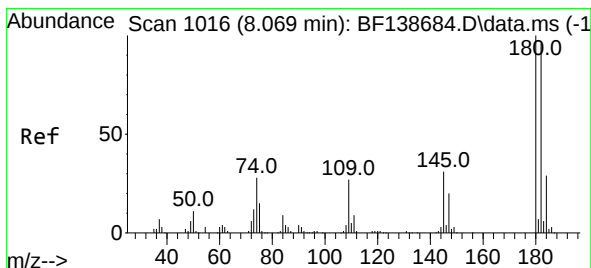
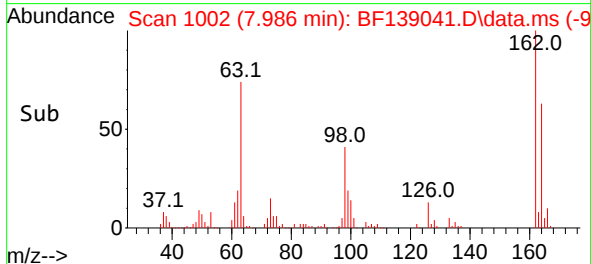
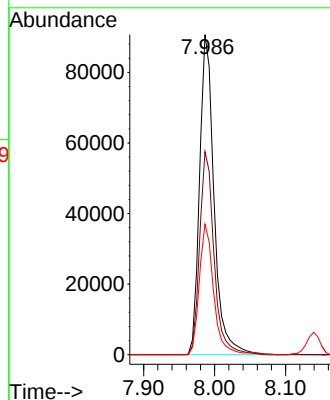
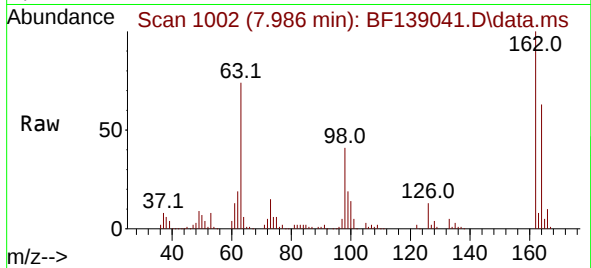
C-SOILMS

Tgt Ion:162	Resp: 12887
Ion Ratio	Lower Upper
162 100	
164 63.4	44.7 84.7
98 40.8	20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#30

1,2,4-Trichlorobenzene

Concen: 52.477 ng

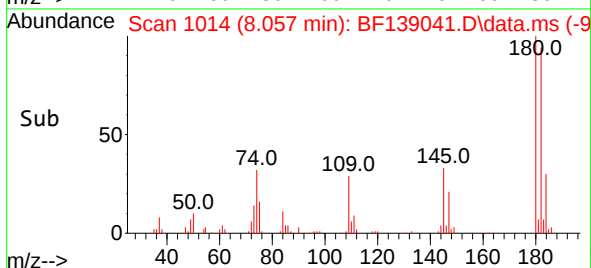
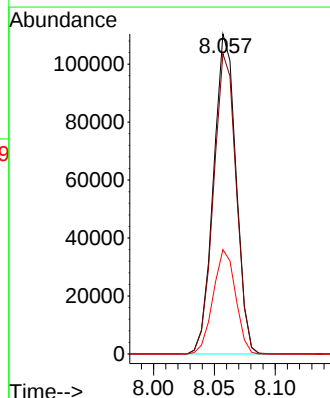
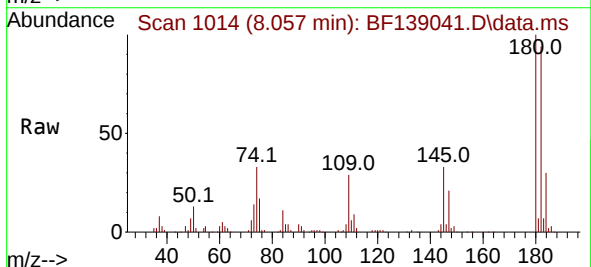
RT: 8.057 min Scan# 1014

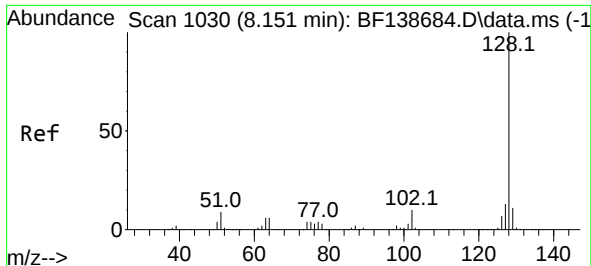
Delta R.T. -0.012 min

Lab File: BF139041.D

Acq: 16 Aug 2024 00:48

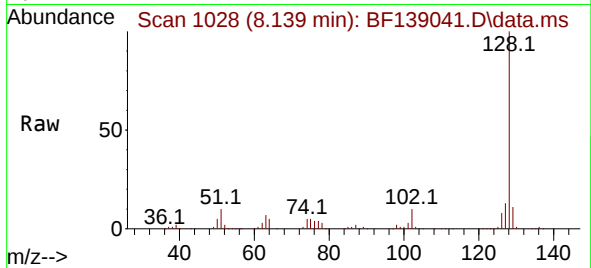
Tgt Ion:180	Resp: 141850
Ion Ratio	Lower Upper
180 100	
182 93.9	76.9 115.3
145 32.6	25.0 37.4





#31
Naphthalene
Concen: 51.821 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

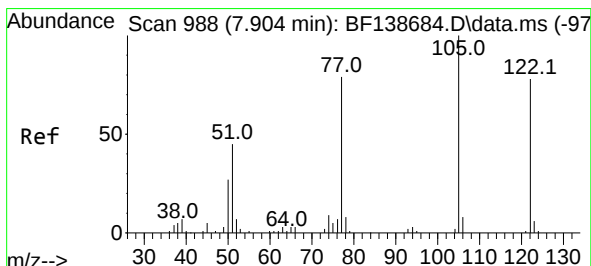
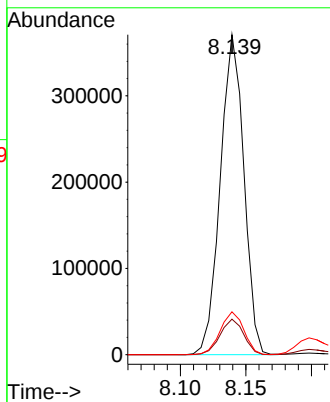
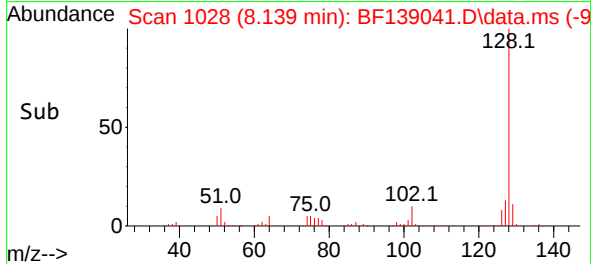
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



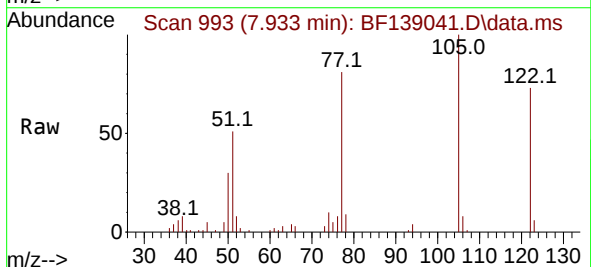
Tgt Ion:128 Resp: 464093
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.6 16.0

Manual Integrations
APPROVED

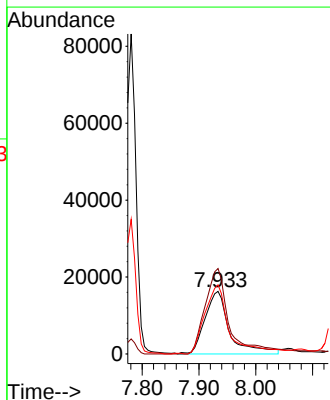
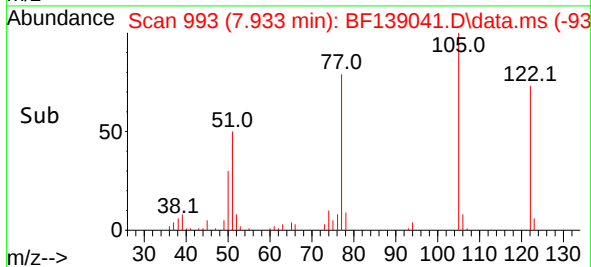
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#32
Benzoic acid
Concen: 34.346 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.029 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



Tgt Ion:122 Resp: 49213
Ion Ratio Lower Upper
122 100
105 136.8 106.7 146.7
77 110.4 81.1 121.1





#33
4-Chloroaniline
Concen: 13.821 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

Instrument :

BNA_F

ClientSampleId :

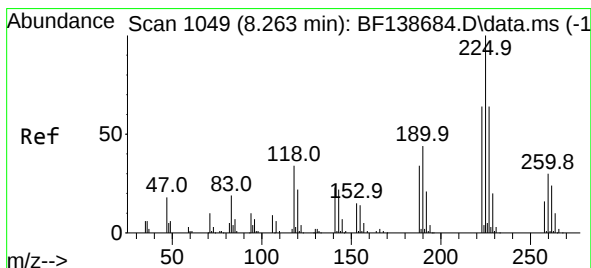
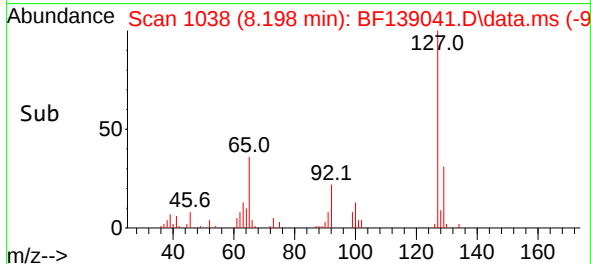
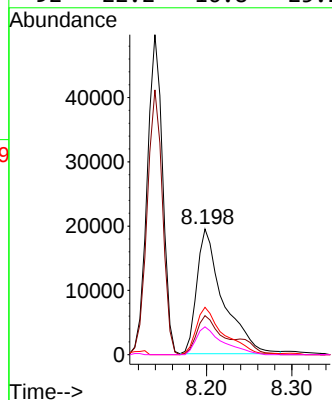
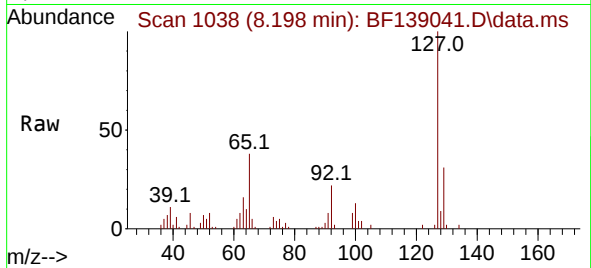
C-SOILMS

Tgt Ion:	127	Resp:	41549
Ion Ratio	Lower	Upper	
127	100		
129	31.0	25.9	38.9
65	37.6	27.6	41.4
92	22.2	16.8	25.2

Manual Integrations

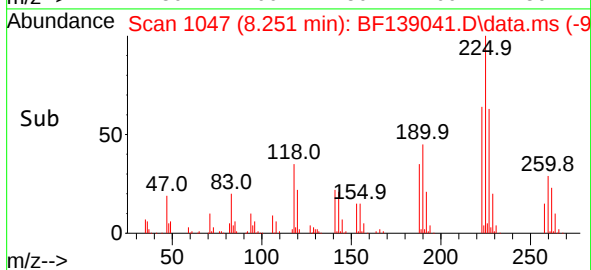
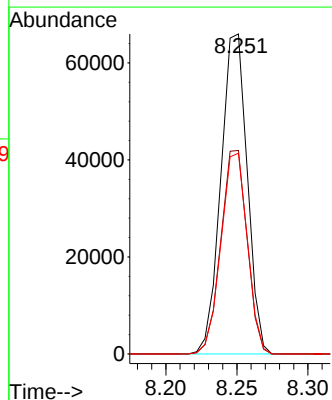
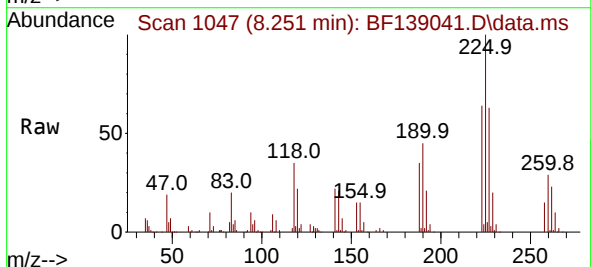
APPROVED

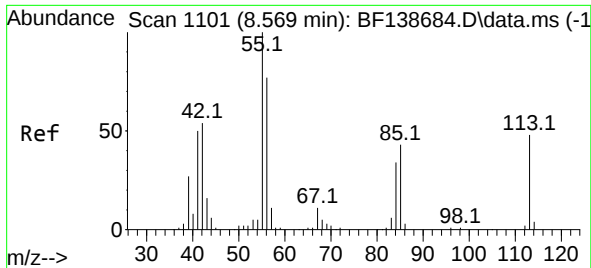
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#34
Hexachlorobutadiene
Concen: 52.061 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

Tgt Ion:	225	Resp:	85236
Ion Ratio	Lower	Upper	
225	100		
223	63.6	51.2	76.8
227	62.7	51.1	76.7





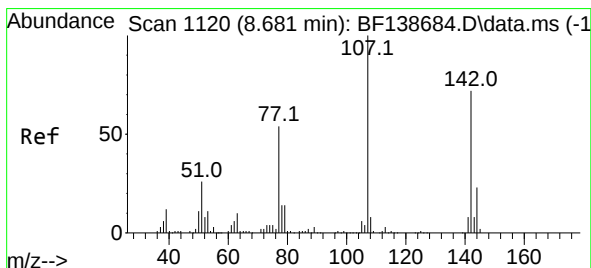
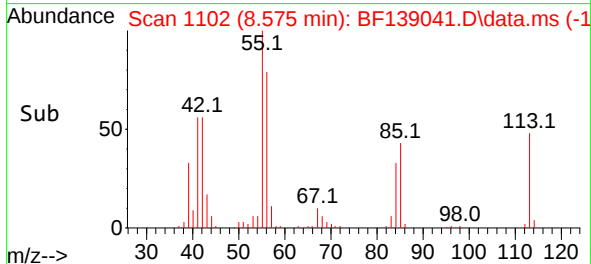
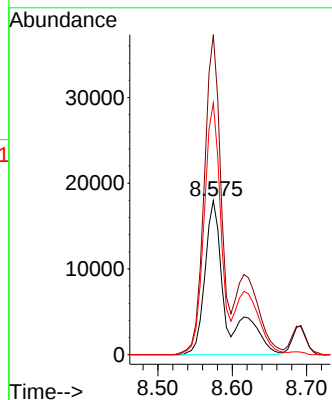
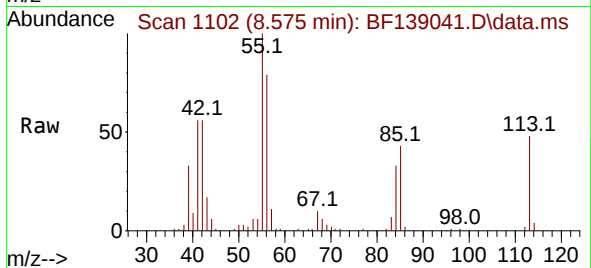
#35
Caprolactam
Concen: 52.227 ng m
RT: 8.575 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

Instrument :
BNA_F
ClientSampleId :
C-SOILMS

Tgt Ion:113 Resp: 36502
Ion Ratio Lower Upper
113 100
55 207.7 186.7 226.7
56 163.5 138.9 178.9

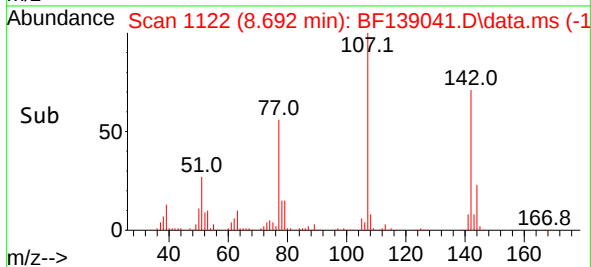
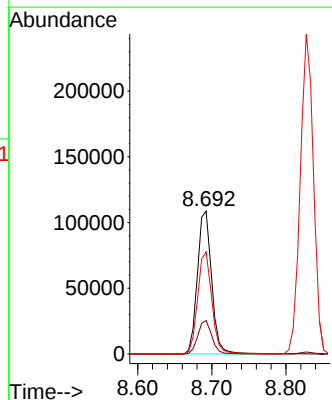
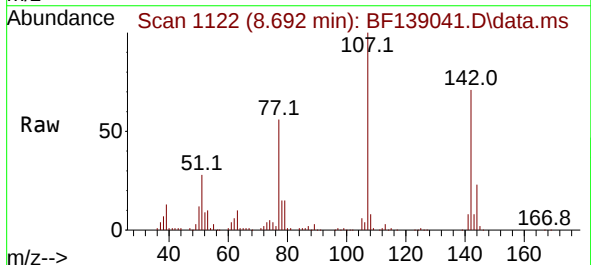
Manual Integrations
APPROVED

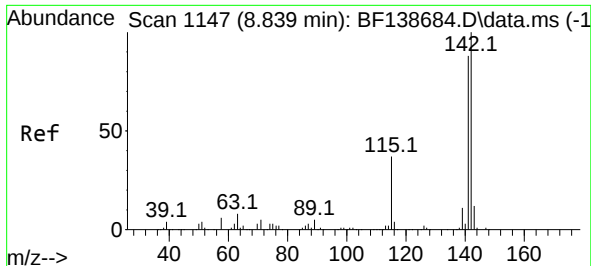
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#36
4-Chloro-3-methylphenol
Concen: 54.329 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

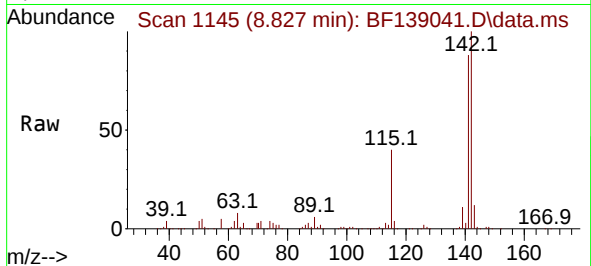
Tgt Ion:107 Resp: 145435
Ion Ratio Lower Upper
107 100
144 23.4 18.2 27.2
142 71.5 57.4 86.2





#37
2-Methylnaphthalene
Concen: 53.194 ng
RT: 8.827 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

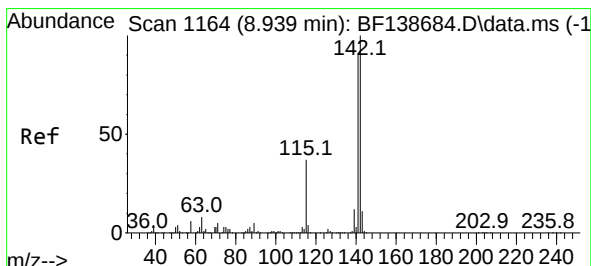
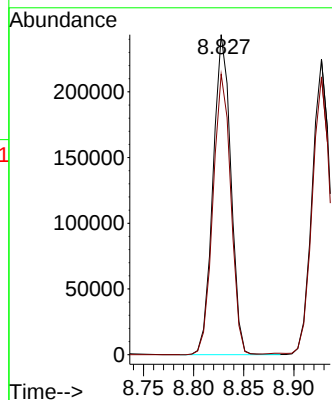
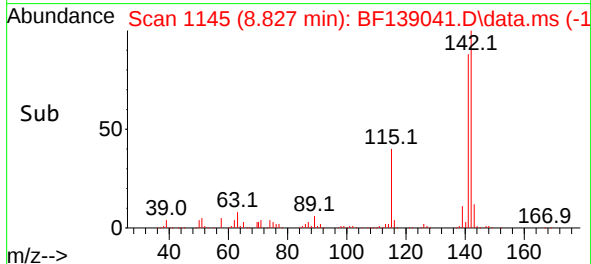
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



Tgt Ion:142 Resp: 30086
Ion Ratio Lower Upper
142 100
141 87.7 70.8 106.2

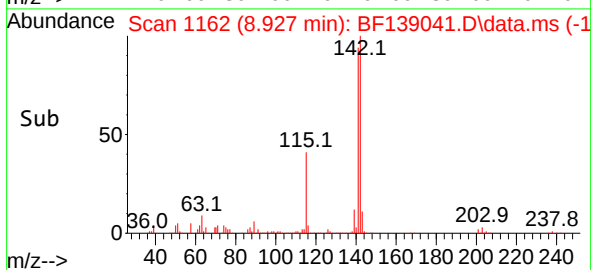
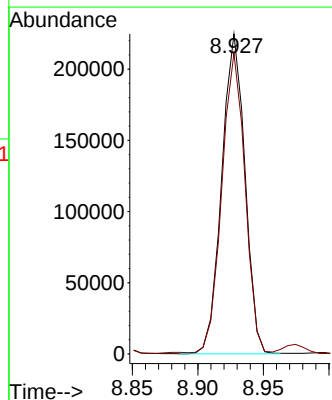
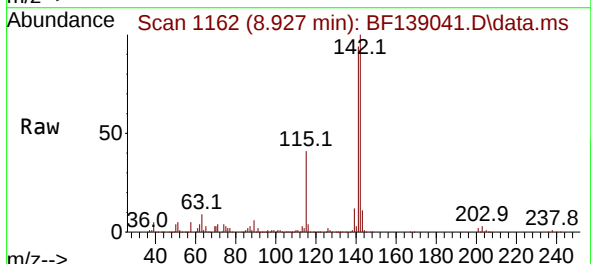
Manual Integrations
APPROVED

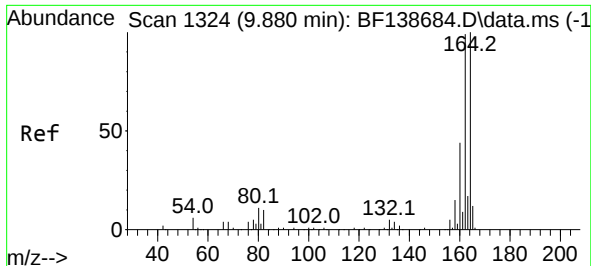
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#38
1-Methylnaphthalene
Concen: 49.729 ng
RT: 8.927 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

Tgt Ion:142 Resp: 275619
Ion Ratio Lower Upper
142 100
141 94.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1173

Delta R.T. -0.011 min

Lab File: BF139041.D

Acq: 16 Aug 2024 00:48

Instrument :

BNA_F

ClientSampleId :

C-SOILMS

Tgt Ion:164 Resp: 89510

Ion Ratio Lower Upper

164 100

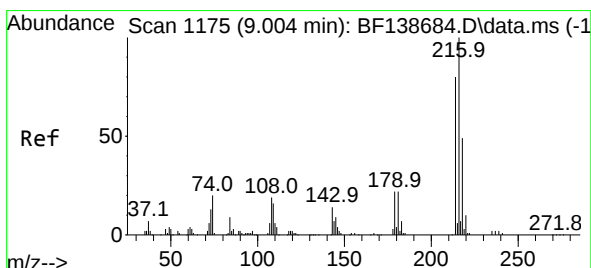
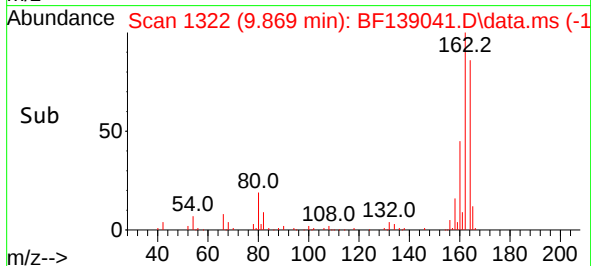
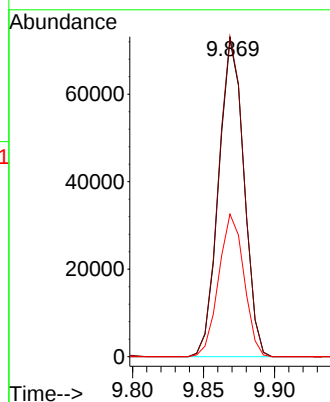
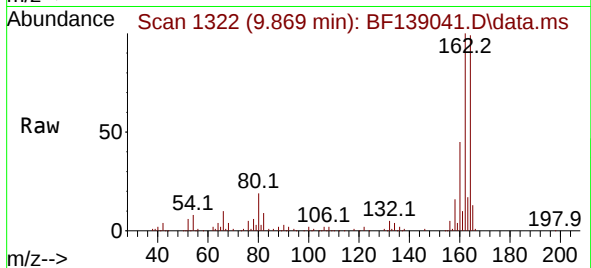
162 101.0 79.4 119.0

160 45.0 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.372 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF139041.D

Acq: 16 Aug 2024 00:48

Tgt Ion:216 Resp: 127736

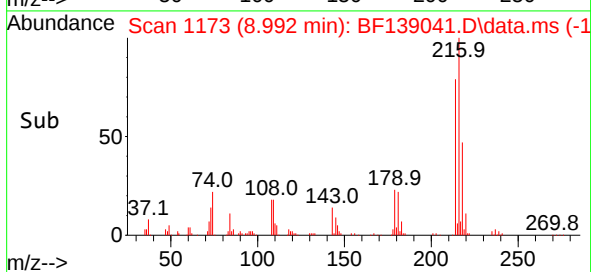
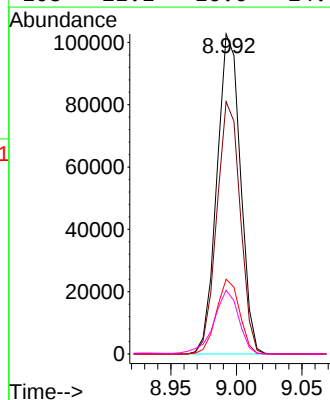
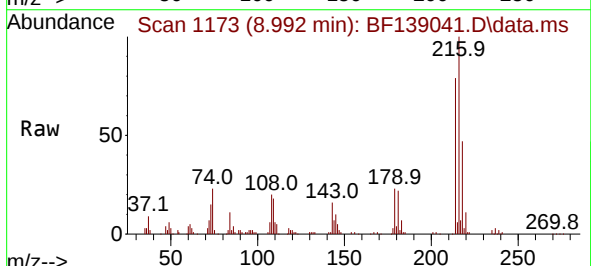
Ion Ratio Lower Upper

216 100

214 78.4 63.9 95.9

179 23.1 17.8 26.6

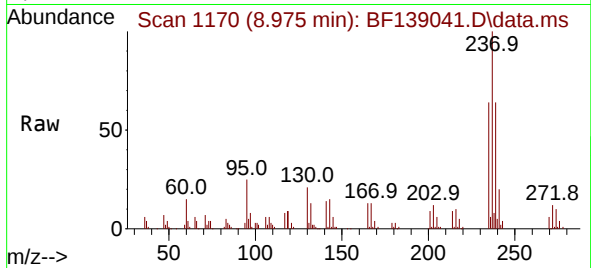
108 21.1 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 88.359 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

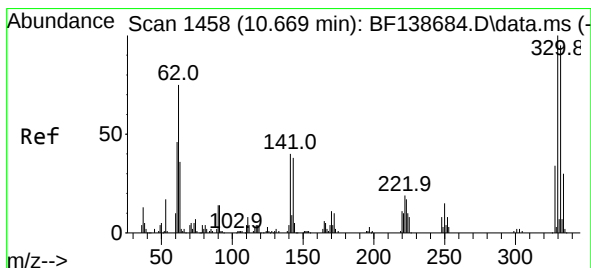
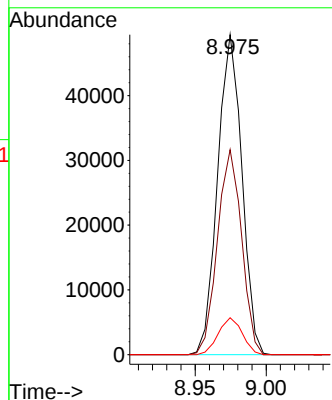
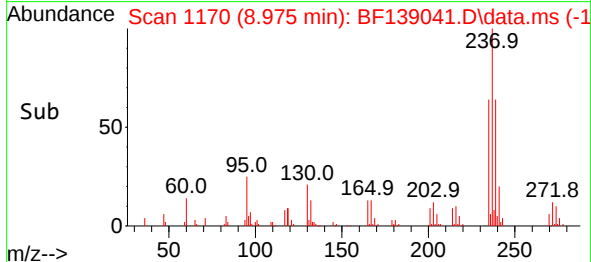
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



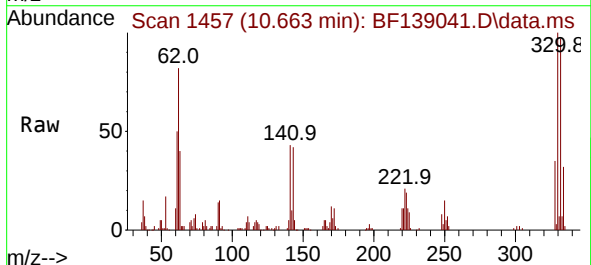
Tgt Ion:237 Resp: 5867
Ion Ratio Lower Upper
237 100
235 64.1 41.8 81.8
272 11.5 0.0 32.2

Manual Integrations
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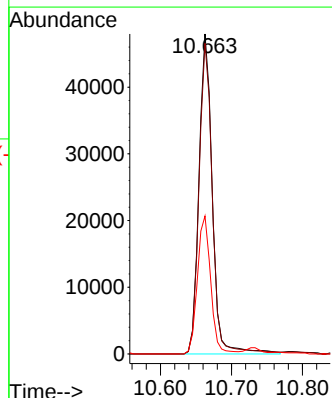
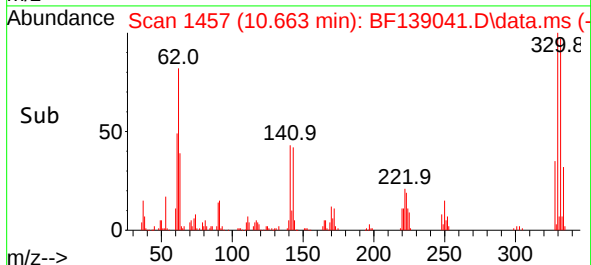
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#42
2,4,6-Tribromophenol
Concen: 85.813 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



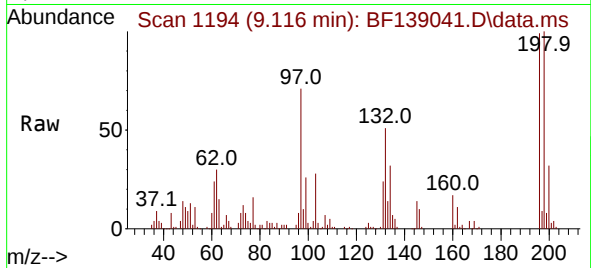
Tgt Ion:330 Resp: 62919
Ion Ratio Lower Upper
330 100
332 97.2 76.4 114.6
141 43.0 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 52.492 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

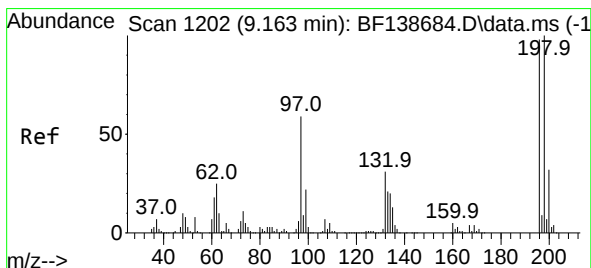
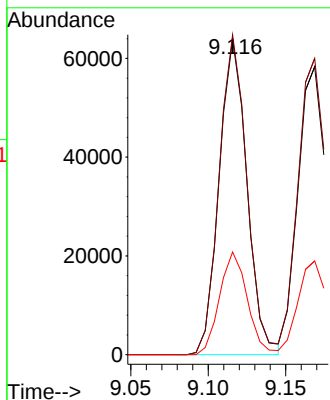
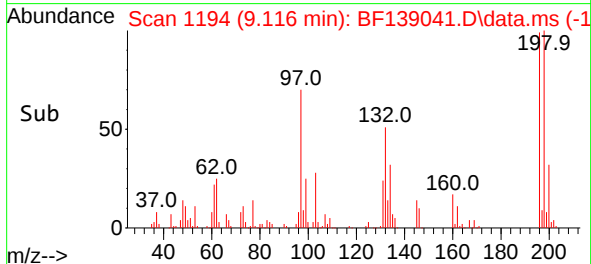
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



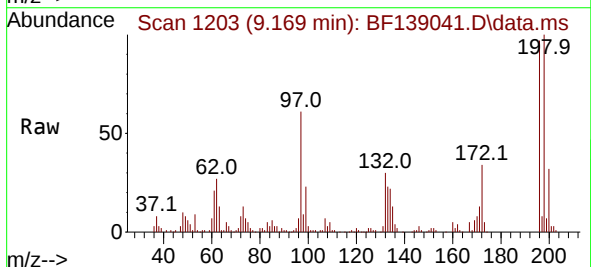
Tgt Ion:196 Resp: 79580
Ion Ratio Lower Upper
196 100
198 101.3 80.5 120.7
200 32.5 25.9 38.9

Manual Integrations
APPROVED

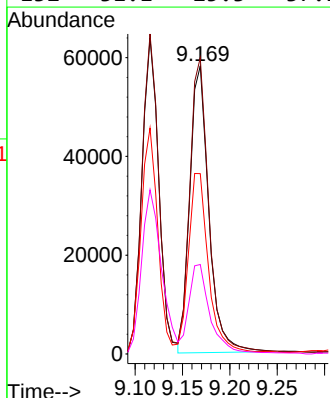
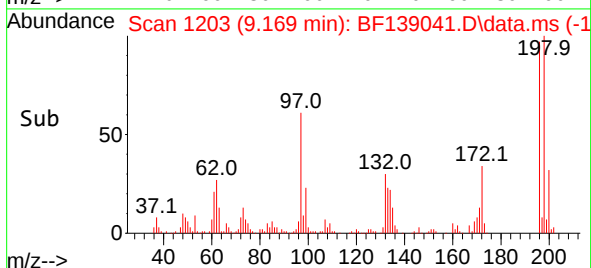
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#44
2,4,5-Trichlorophenol
Concen: 49.001 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



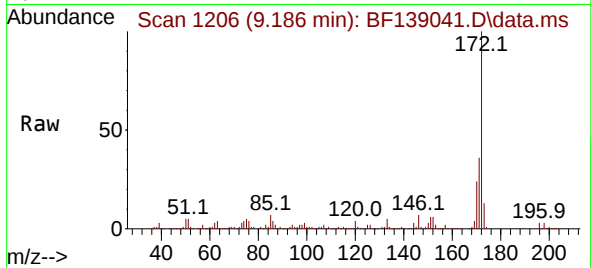
Tgt Ion:196 Resp: 81211
Ion Ratio Lower Upper
196 100
198 102.9 81.2 121.8
97 62.6 47.8 71.6
132 31.1 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 66.438 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

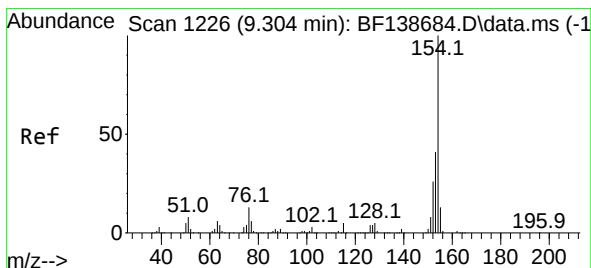
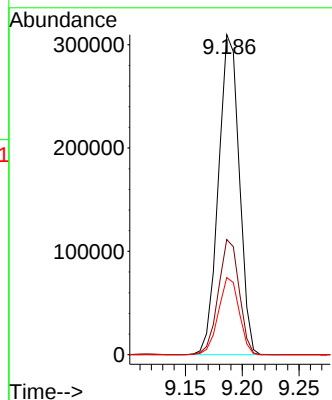
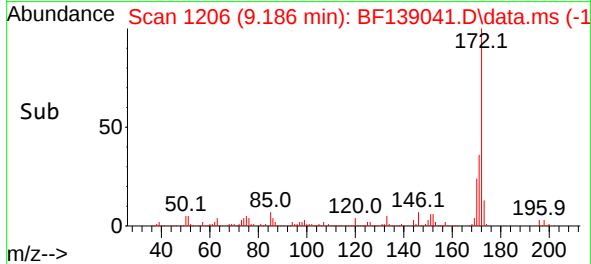
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



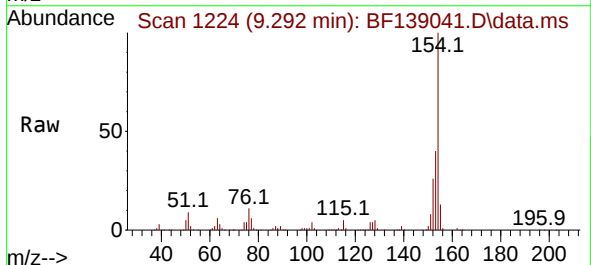
Tgt Ion:172 Resp: 395798
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 24.1 18.8 28.2

Manual Integrations
APPROVED

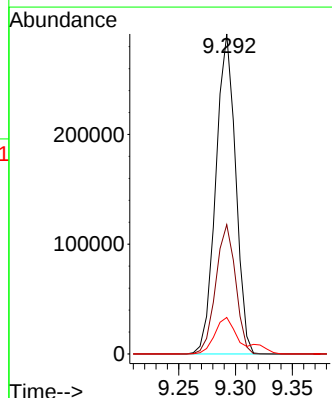
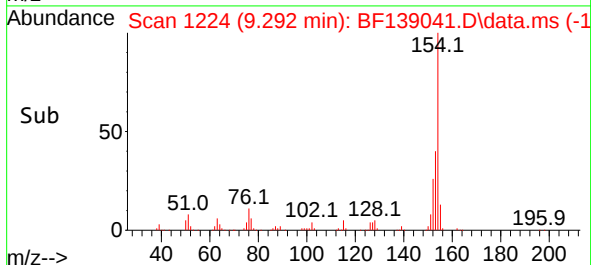
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#46
1,1'-Biphenyl
Concen: 50.477 ng
RT: 9.292 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



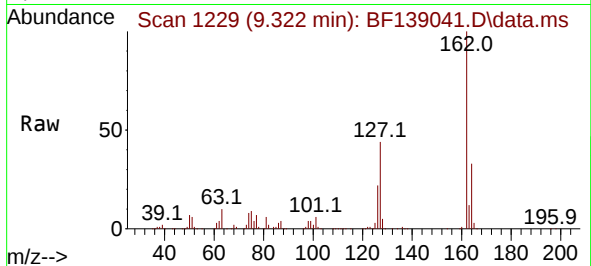
Tgt Ion:154 Resp: 353861
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 11.4 0.0 32.8





#47
2-Chloronaphthalene
Concen: 52.698 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

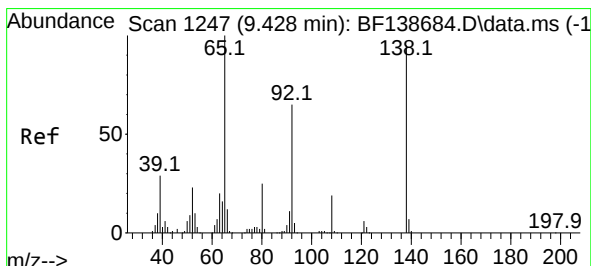
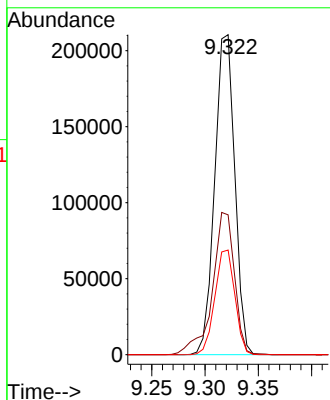
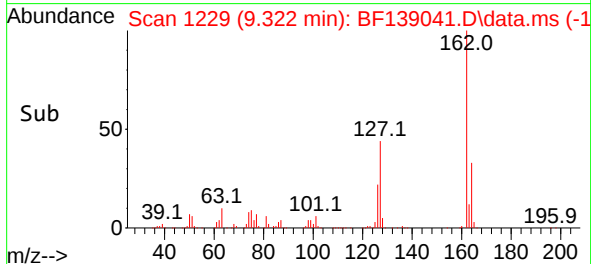
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



Tgt Ion:162 Resp: 274758
Ion Ratio Lower Upper
162 100
127 43.7 35.4 53.2
164 32.7 25.6 38.4

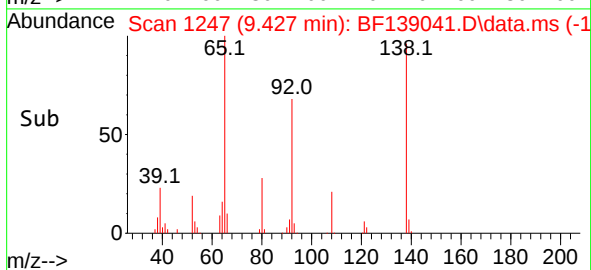
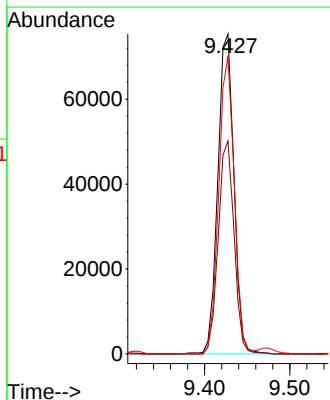
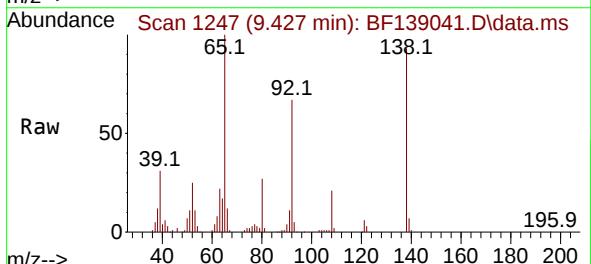
Manual Integrations
APPROVED

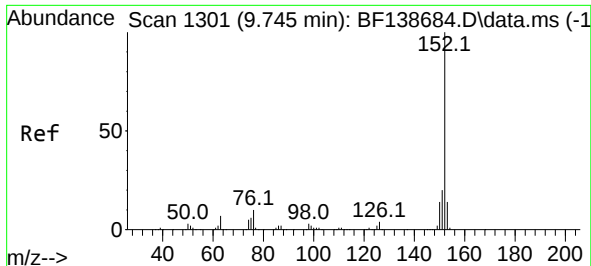
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#48
2-Nitroaniline
Concen: 56.081 ng
RT: 9.427 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

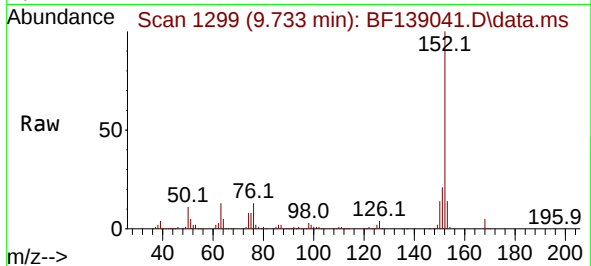
Tgt Ion: 65 Resp: 99125
Ion Ratio Lower Upper
65 100
92 66.5 52.0 78.0
138 92.9 76.2 114.4





#49
Acenaphthylene
Concen: 57.697 ng
RT: 9.733 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

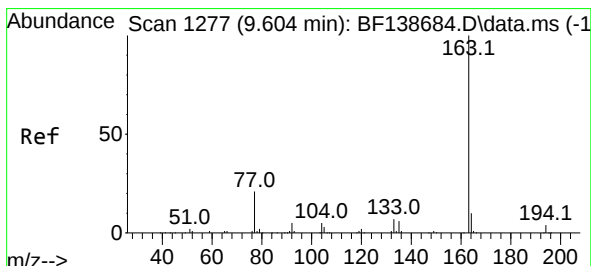
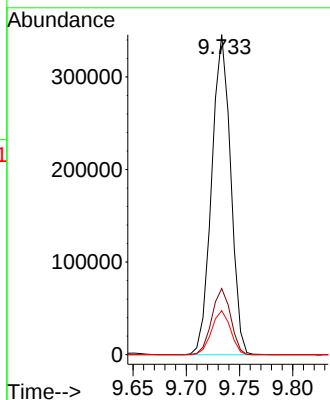
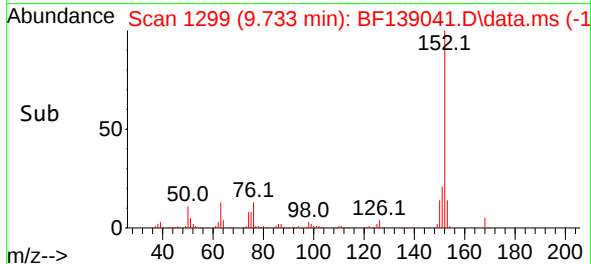
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



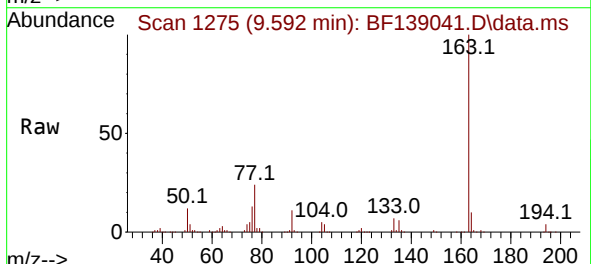
Tgt Ion:152 Resp: 426650
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.8 11.0 16.4

Manual Integrations
APPROVED

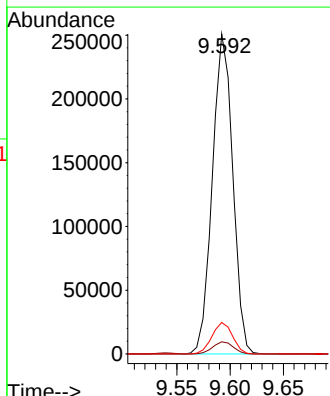
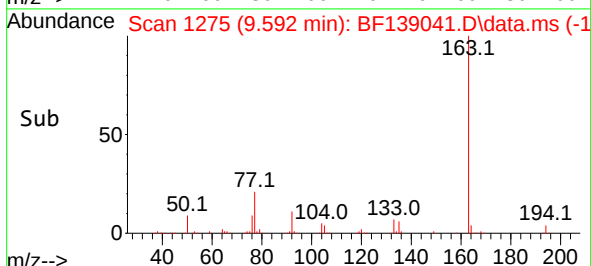
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

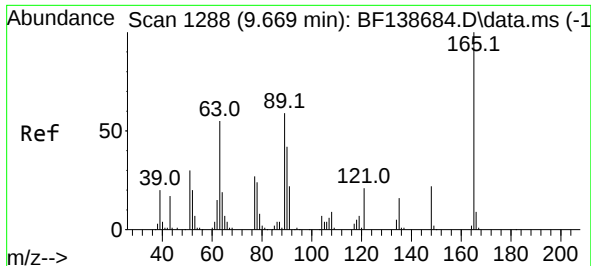


#50
Dimethylphthalate
Concen: 58.259 ng
RT: 9.592 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



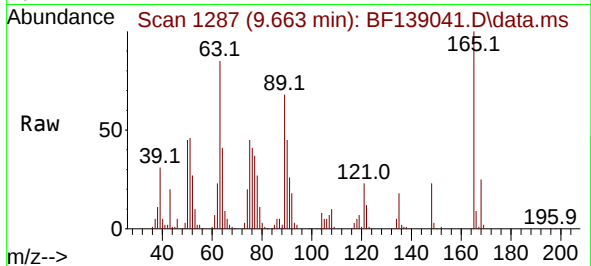
Tgt Ion:163 Resp: 333438
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 53.505 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

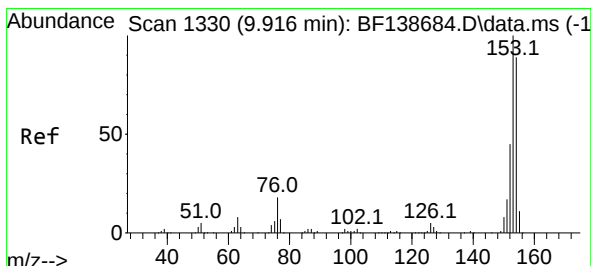
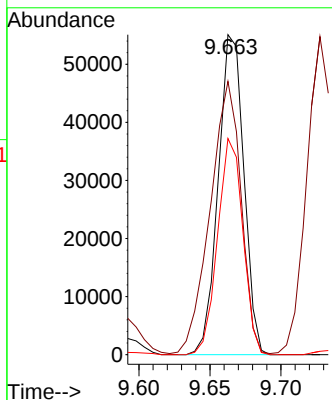
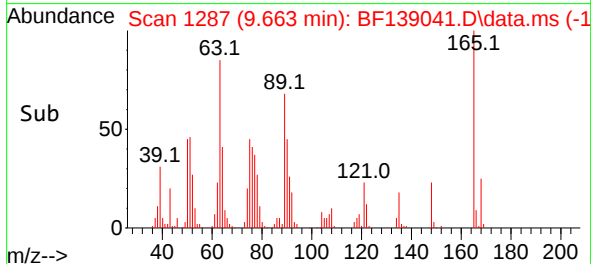
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



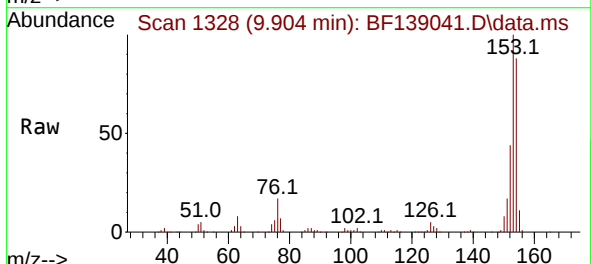
Tgt Ion:165 Resp: 6911
Ion Ratio Lower Upper
165 100
63 85.4 52.0 78.0
89 67.6 47.0 70.6

Manual Integrations
APPROVED

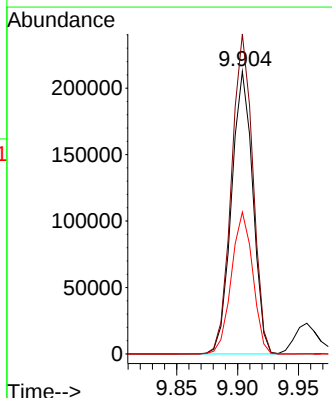
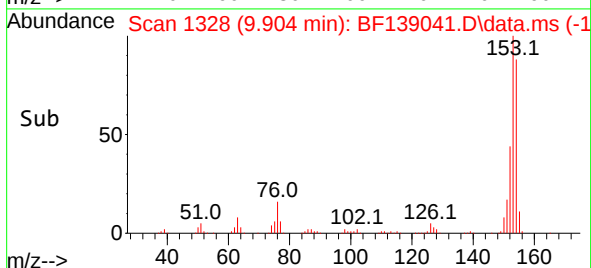
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#52
Acenaphthene
Concen: 52.093 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



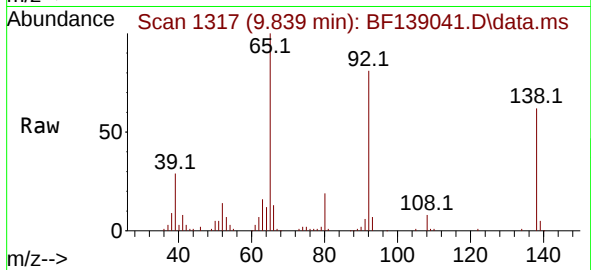
Tgt Ion:154 Resp: 258945
Ion Ratio Lower Upper
154 100
153 113.2 89.9 134.9
152 50.2 40.6 60.8





#53
3-Nitroaniline
Concen: 30.077 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

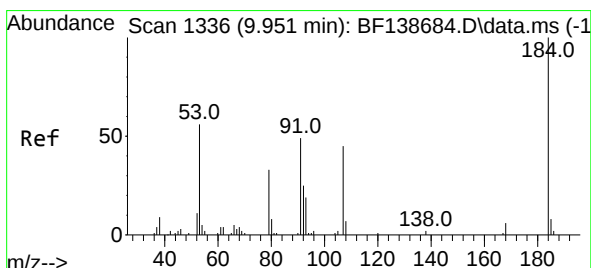
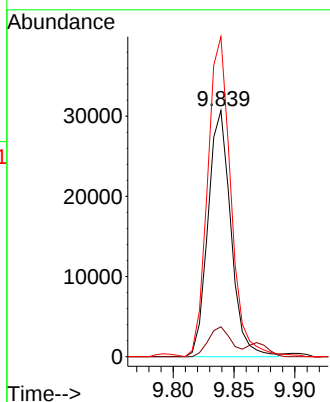
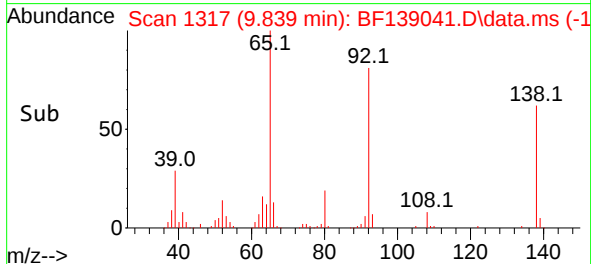
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



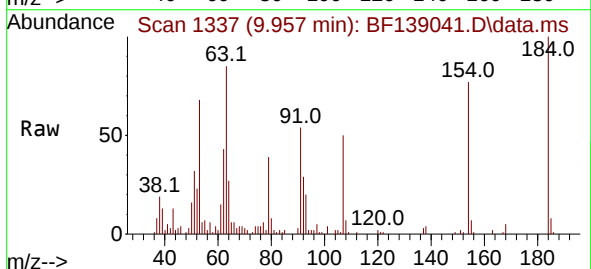
Tgt Ion:138 Resp: 4016
Ion Ratio Lower Upper
138 100
108 12.2 9.1 13.7
92 130.1 98.7 148.1

Manual Integrations
APPROVED

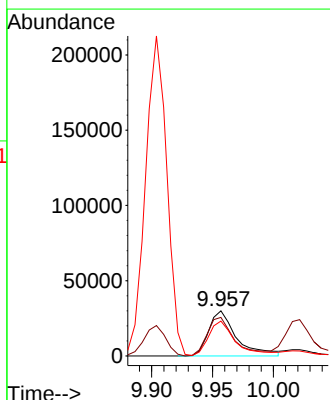
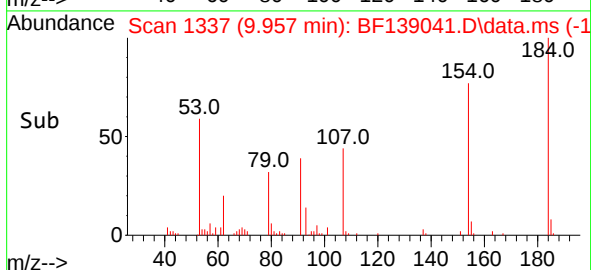
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

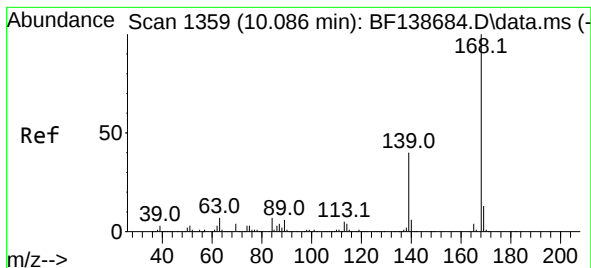


#54
2,4-Dinitrophenol
Concen: 79.974 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



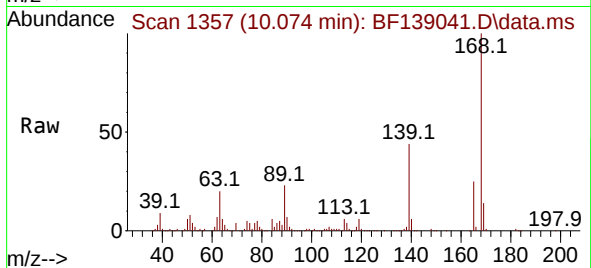
Tgt Ion:184 Resp: 47552
Ion Ratio Lower Upper
184 100
63 85.5 57.5 86.3
154 77.2 51.7 77.5





#55
Dibenzofuran
Concen: 53.854 ng
RT: 10.074 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

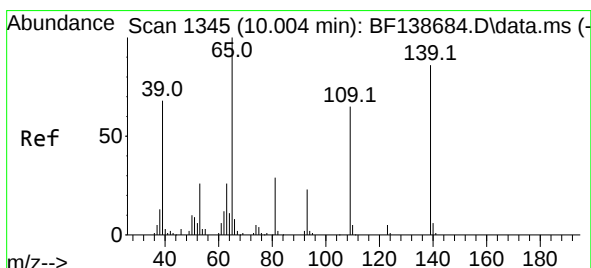
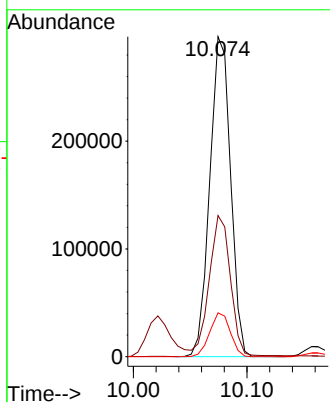
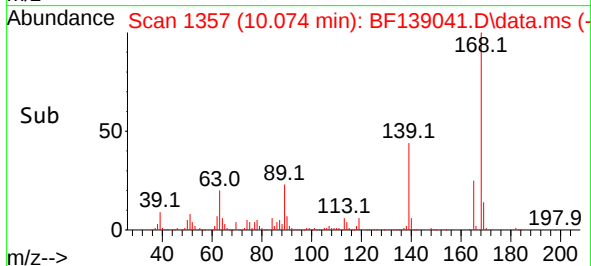
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



Tgt Ion:168 Resp: 377884
Ion Ratio Lower Upper
168 100
139 44.1 32.6 49.0
169 13.7 10.7 16.1

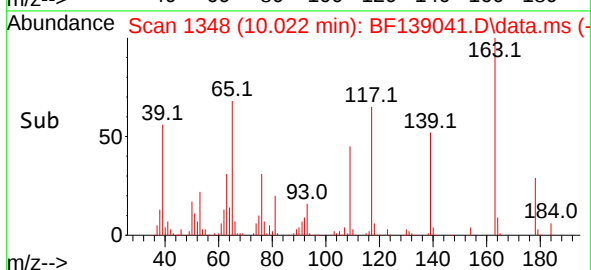
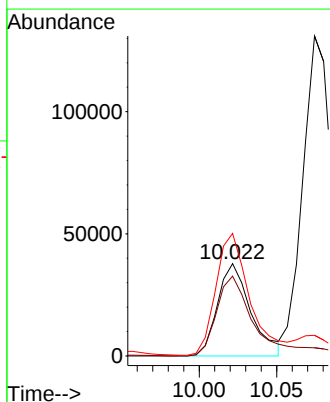
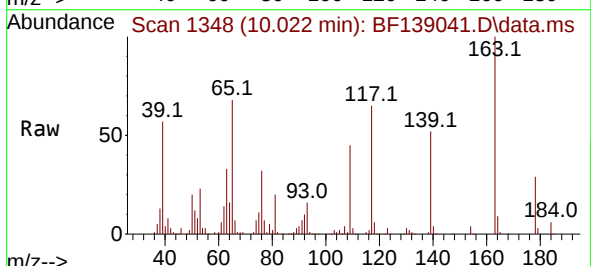
Manual Integrations
APPROVED

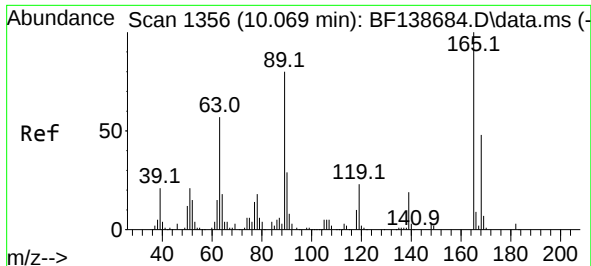
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#56
4-Nitrophenol
Concen: 70.063 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

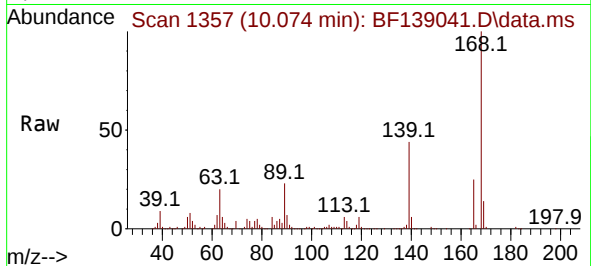
Tgt Ion:139 Resp: 56259
Ion Ratio Lower Upper
139 100
109 86.4 55.5 95.5
65 132.7 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 54.402 ng
RT: 10.074 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

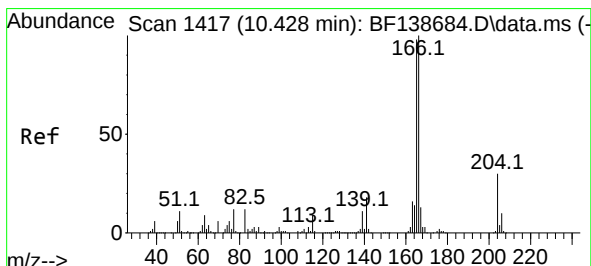
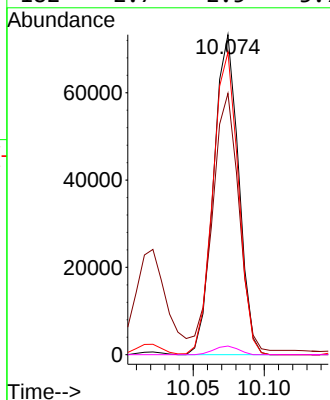
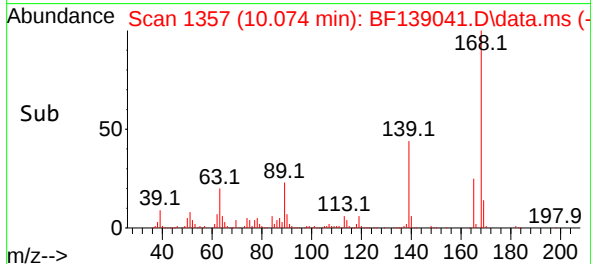
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



Tgt Ion:165 Resp: 89652
Ion Ratio Lower Upper
165 100
63 81.6 46.3 69.5
89 94.5 64.2 96.4
182 2.7 2.5 3.7

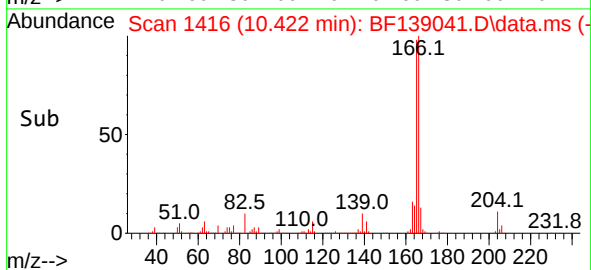
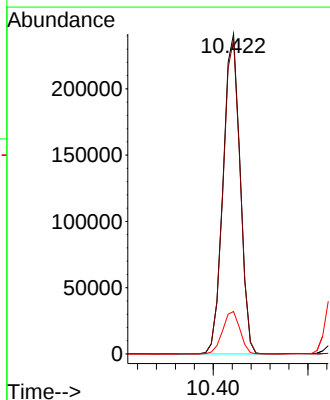
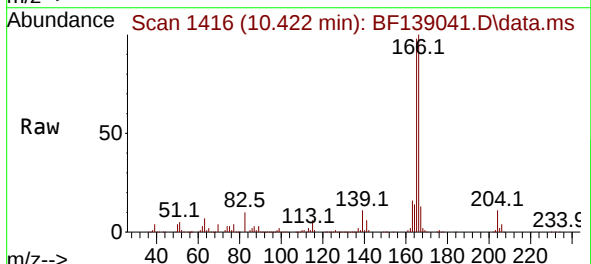
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#58
Fluorene
Concen: 54.009 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

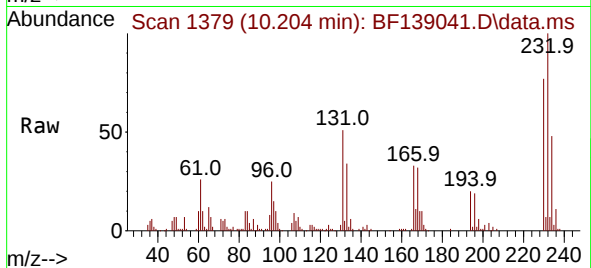
Tgt Ion:166 Resp: 301792
Ion Ratio Lower Upper
166 100
165 98.3 78.4 117.6
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.477 ng
RT: 10.204 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

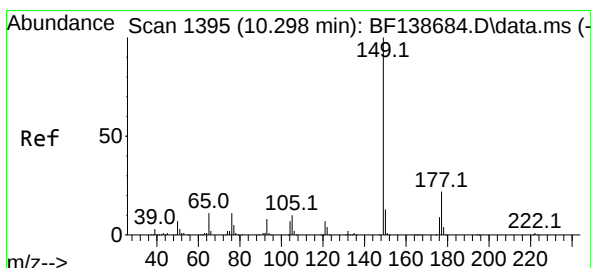
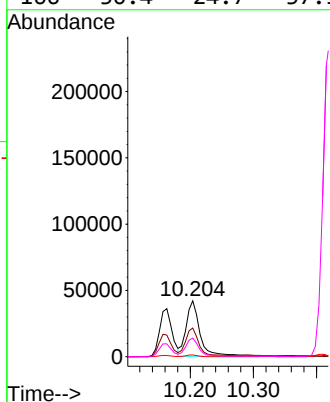
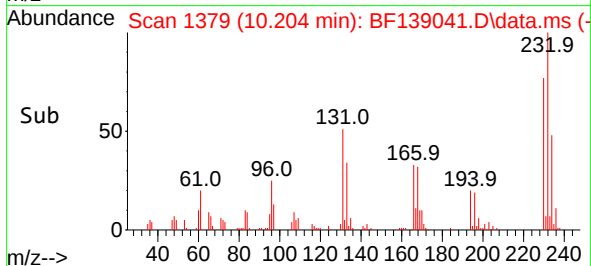
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



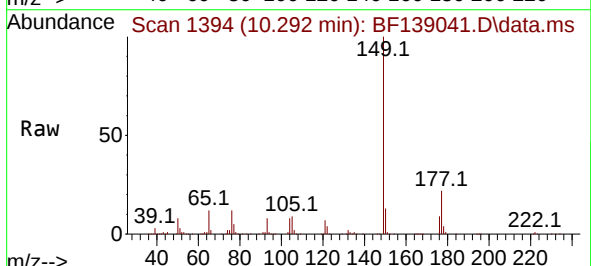
Tgt Ion:232 Resp: 63958
Ion Ratio Lower Upper
232 100
131 49.4 37.0 55.4
130 2.7 2.0 3.0
166 30.4 24.7 37.1

Manual Integrations
APPROVED

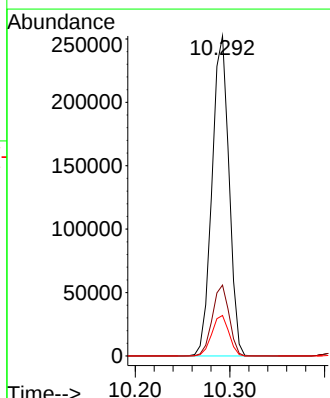
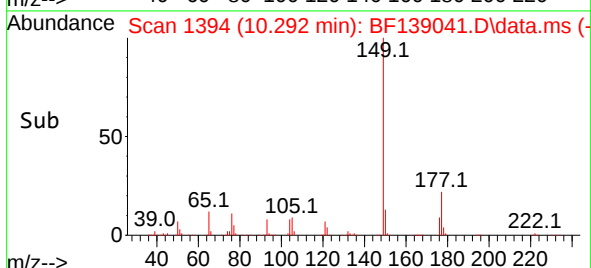
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

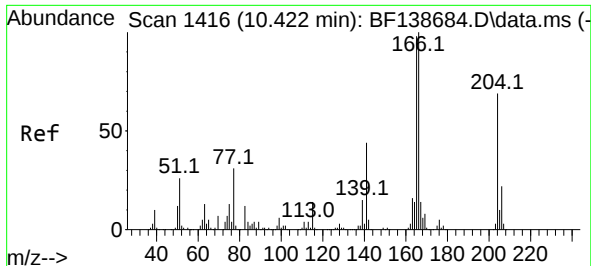


#60
Diethylphthalate
Concen: 57.874 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



Tgt Ion:149 Resp: 314066
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.7 10.1 15.1





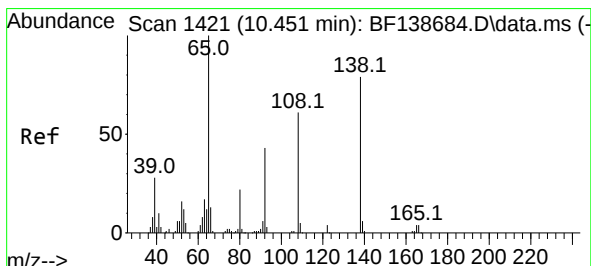
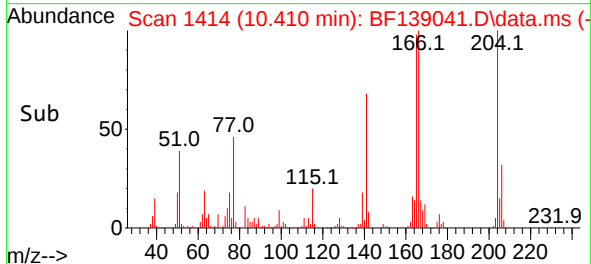
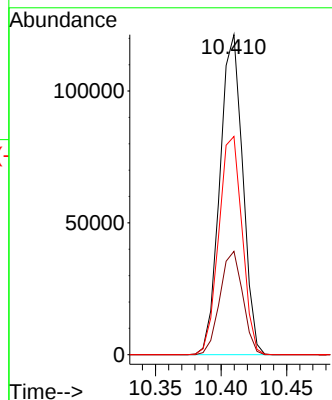
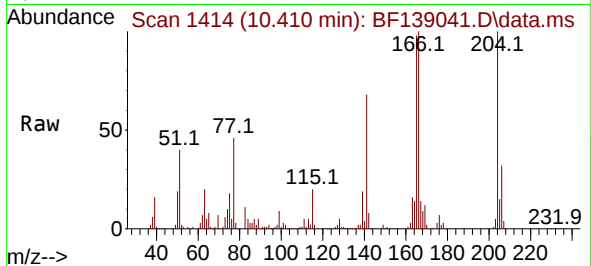
#61
4-Chlorophenyl-phenylether
Concen: 53.466 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

Instrument :
BNA_F
ClientSampleId :
C-SOILMS

Tgt Ion:204 Resp: 146934
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 68.2 51.4 77.0

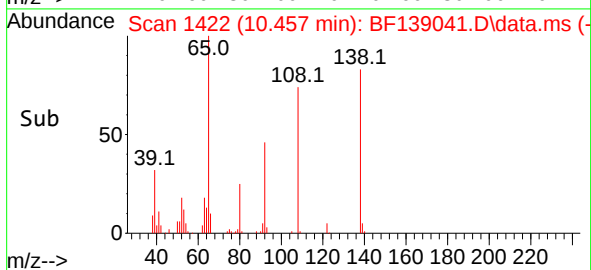
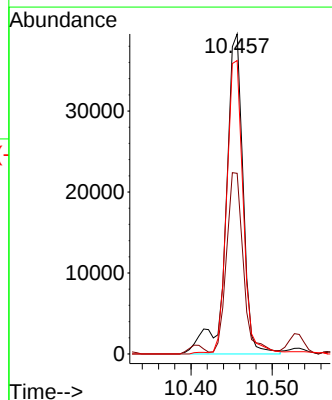
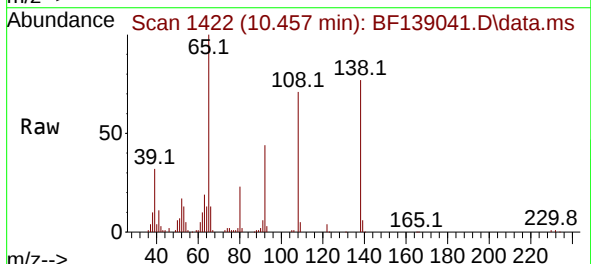
Manual Integrations
APPROVED

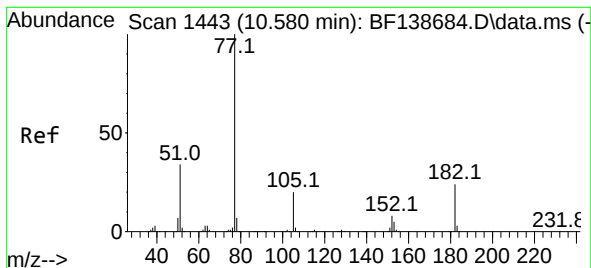
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#62
4-Nitroaniline
Concen: 45.457 ng m
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

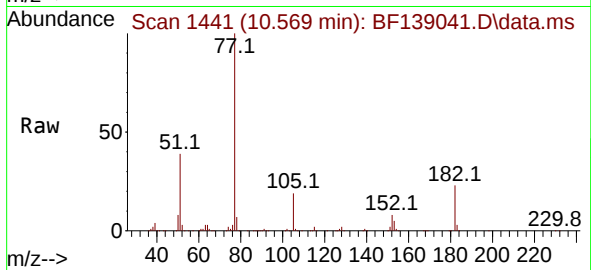
Tgt Ion:138 Resp: 57682
Ion Ratio Lower Upper
138 100
92 56.4 34.2 74.2
108 91.7 56.2 96.2





#63
Azobenzene
Concen: 53.932 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

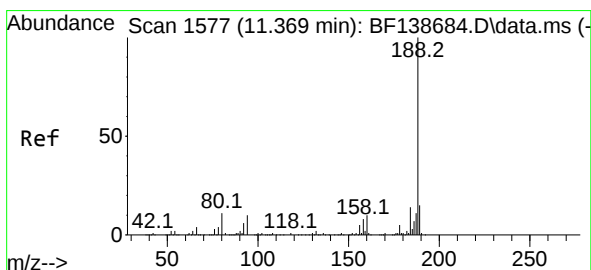
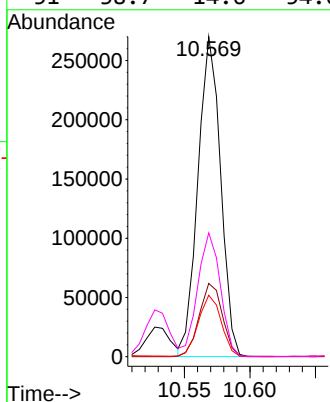
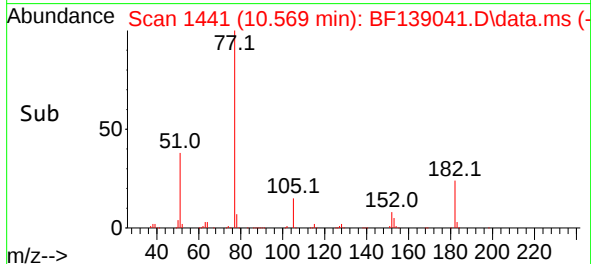
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



Tgt Ion: 77 Resp: 324609
Ion Ratio Lower Upper
77 100
182 22.9 3.4 43.4
105 19.2 0.2 40.2
51 38.7 14.6 54.6

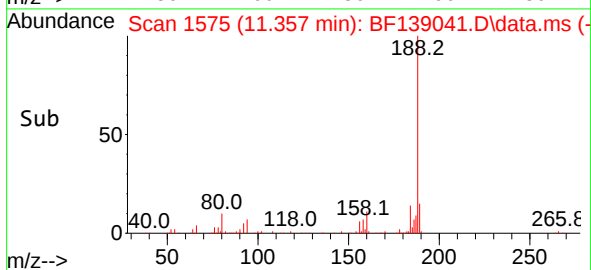
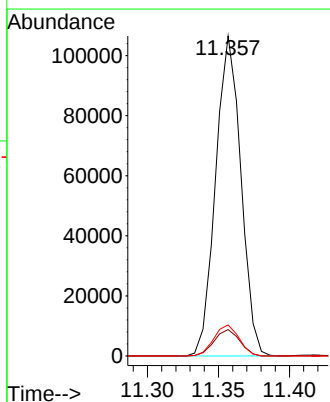
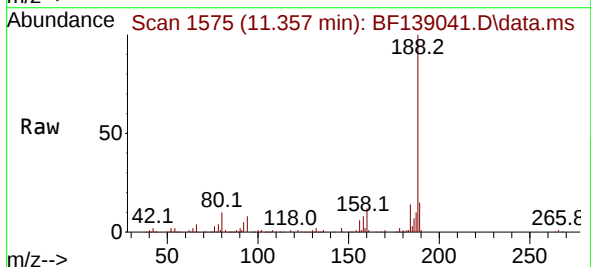
Manual Integrations
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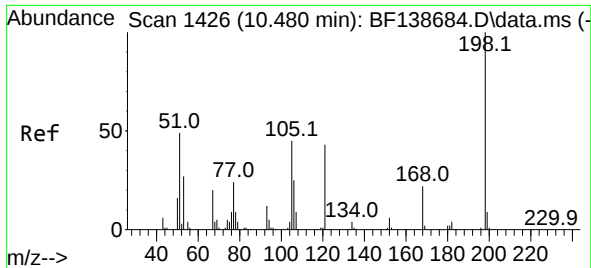
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

Tgt Ion:188 Resp: 131551
Ion Ratio Lower Upper
188 100
94 8.2 7.6 11.4
80 9.7 8.6 12.8





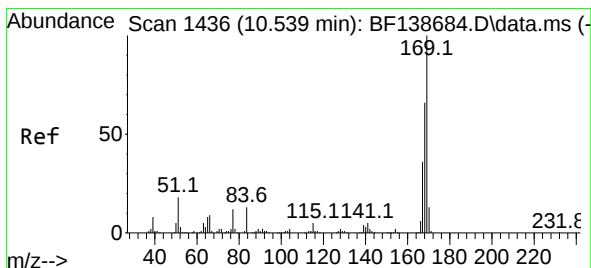
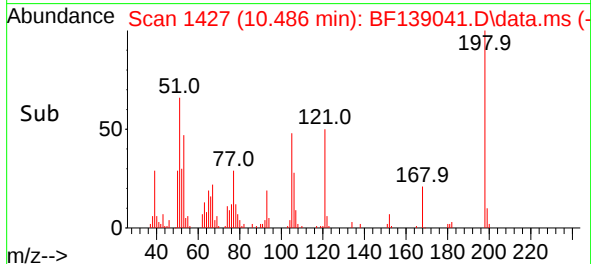
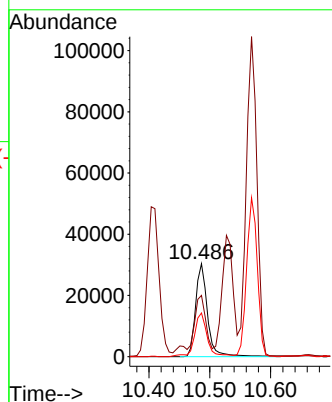
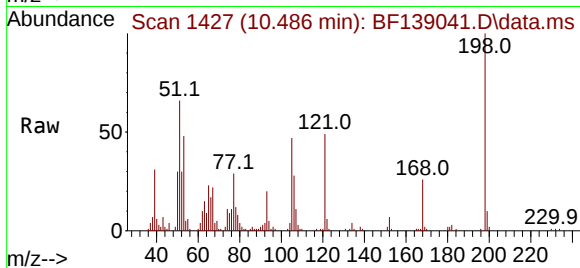
#65
4,6-Dinitro-2-methylphenol
Concen: 51.648 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

Instrument :
BNA_F
ClientSampleId :
C-SOILMS

Tgt Ion:198 Resp: 4145
Ion Ratio Lower Upper
198 100
51 66.0 39.9 79.9
105 46.9 26.1 66.1

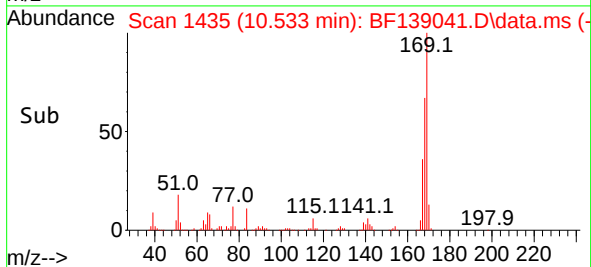
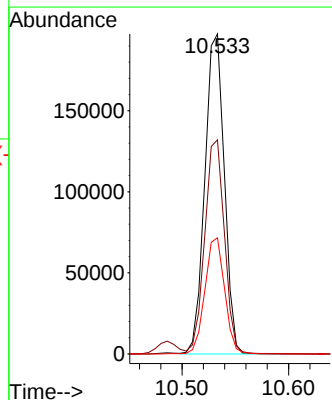
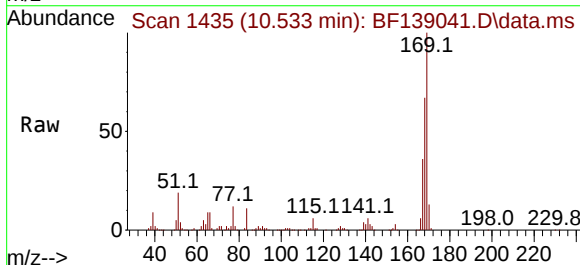
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#66
n-Nitrosodiphenylamine
Concen: 61.014 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

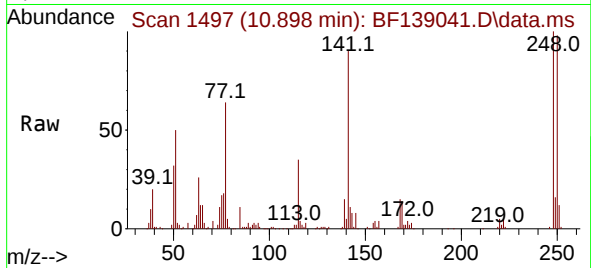
Tgt Ion:169 Resp: 250888
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.6
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 56.550 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

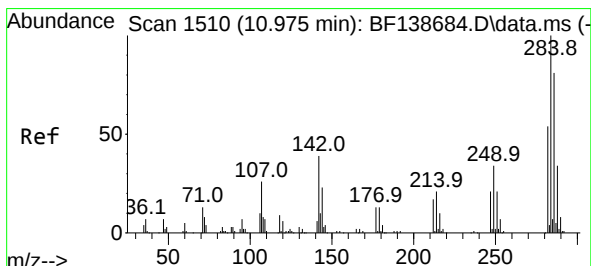
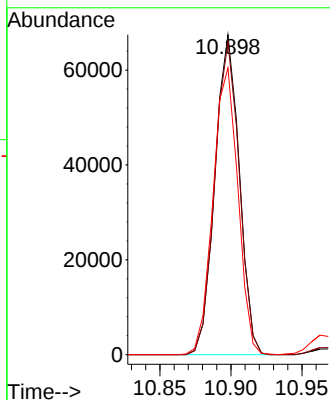
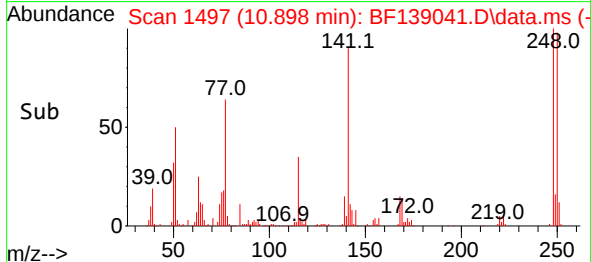
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



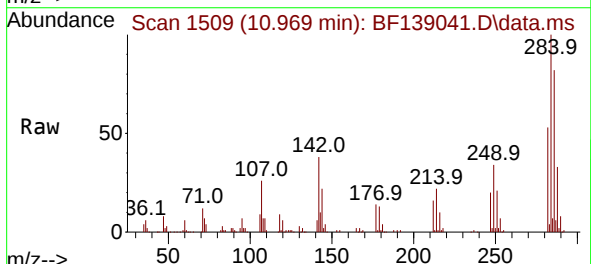
Tgt Ion:248 Resp: 8054
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 89.6 68.0 102.0

Manual Integrations
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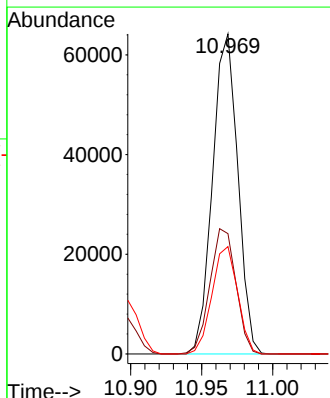
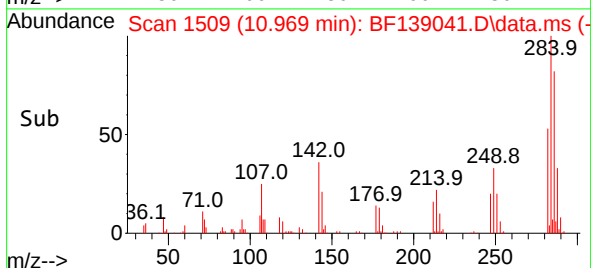
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#68
Hexachlorobenzene
Concen: 53.992 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



Tgt Ion:284 Resp: 79400
Ion Ratio Lower Upper
284 100
142 37.6 31.3 46.9
249 33.6 27.2 40.8





#69

Atrazine

Concen: 64.723 ng

RT: 11.057 min Scan# 1524

Delta R.T. -0.006 min

Lab File: BF139041.D

Acq: 16 Aug 2024 00:48

Instrument :

BNA_F

ClientSampleId :

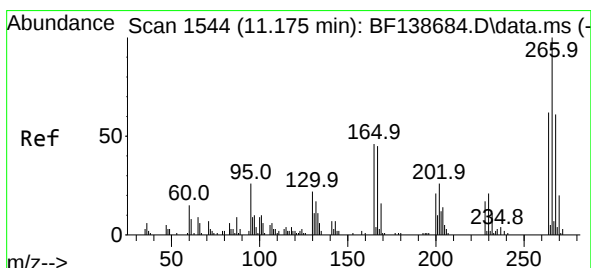
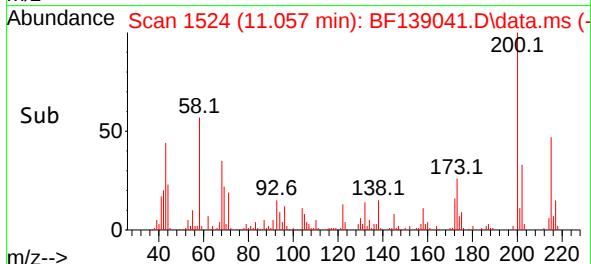
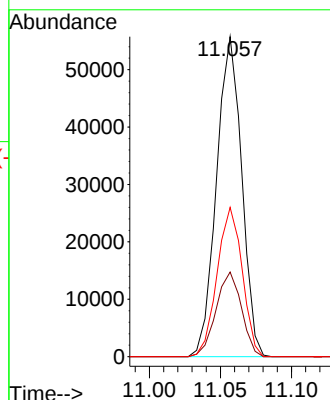
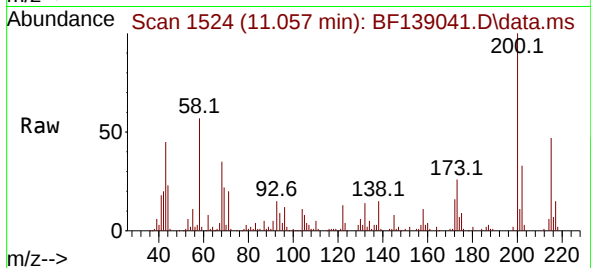
C-SOILMS

Tgt Ion:200 Resp: 6866
 Ion Ratio Lower Upper
 200 100
 173 26.4 6.0 46.0
 215 46.7 26.1 66.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#70

Pentachlorophenol

Concen: 59.906 ng

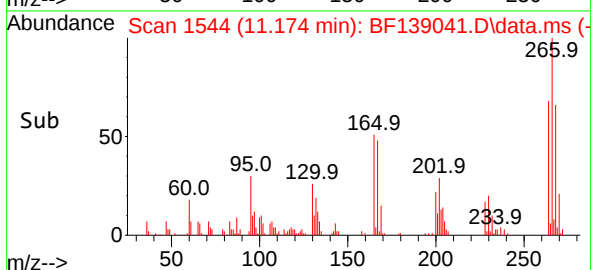
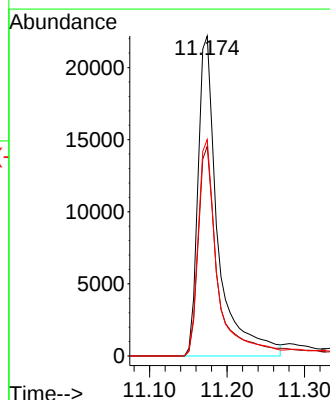
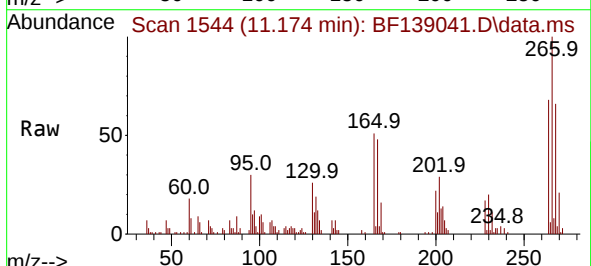
RT: 11.174 min Scan# 1544

Delta R.T. -0.001 min

Lab File: BF139041.D

Acq: 16 Aug 2024 00:48

Tgt Ion:266 Resp: 39709
 Ion Ratio Lower Upper
 266 100
 268 65.5 49.2 73.8
 264 67.6 49.8 74.6





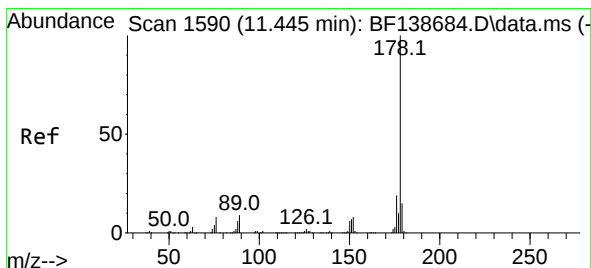
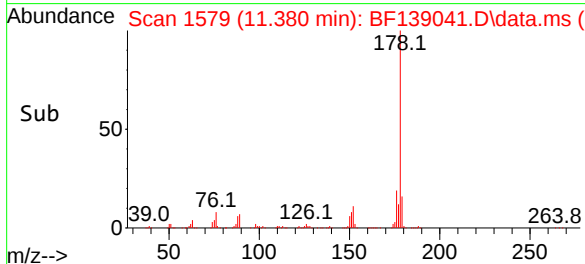
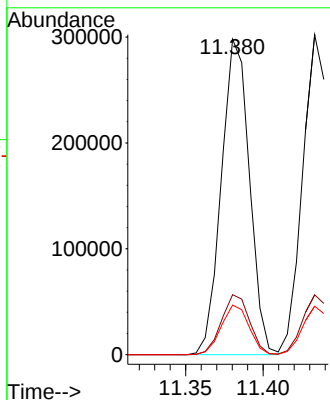
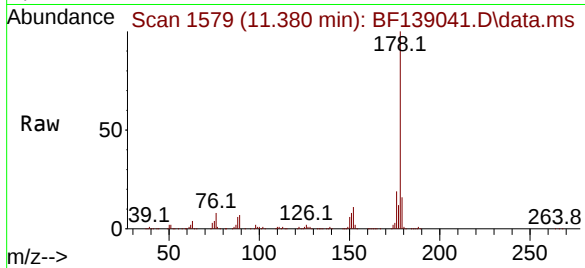
#71
Phenanthrene
Concen: 55.531 ng
RT: 11.380 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

Instrument :
BNA_F
ClientSampleId :
C-SOILMS

Tgt Ion:178 Resp: 37615
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.7 12.2 18.2

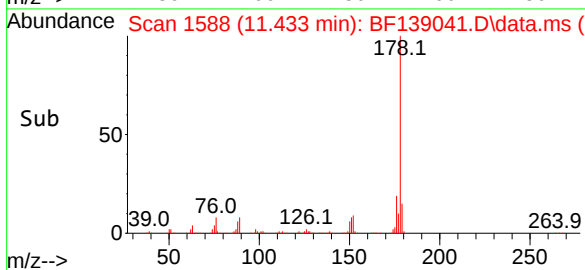
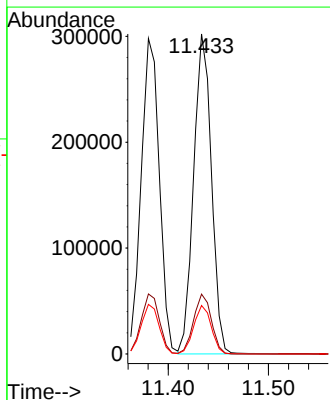
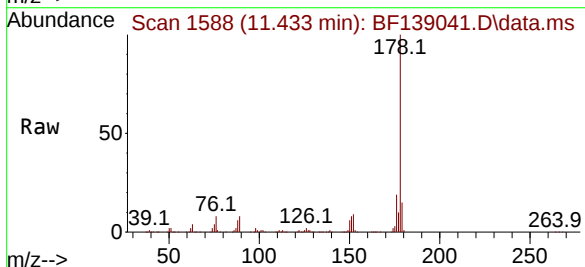
Manual Integrations
APPROVED

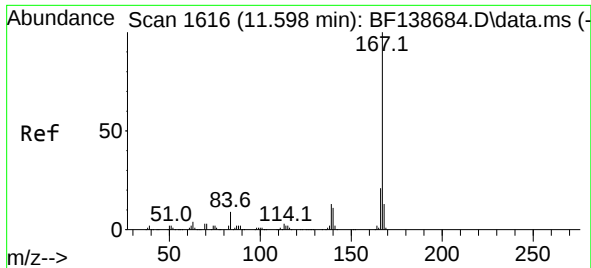
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#72
Anthracene
Concen: 55.864 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

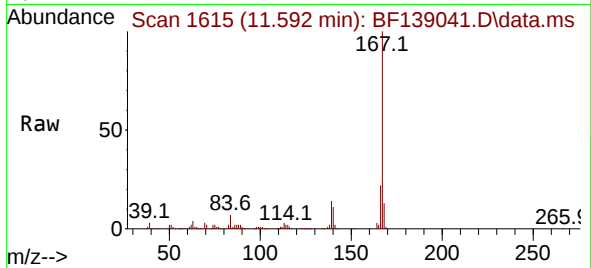
Tgt Ion:178 Resp: 372792
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.1 12.4 18.6





#73
Carbazole
Concen: 51.434 ng
RT: 11.592 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

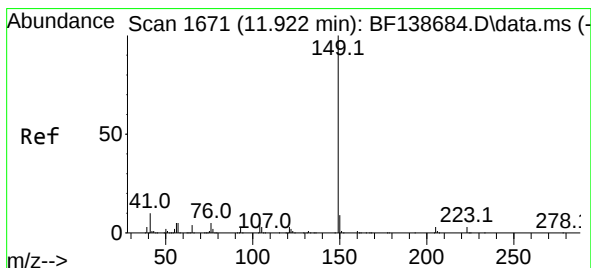
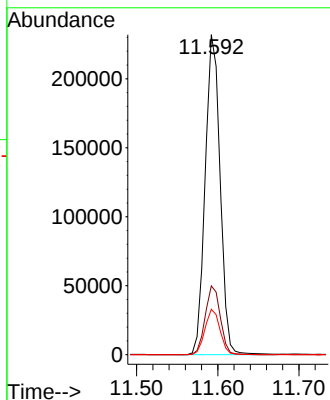
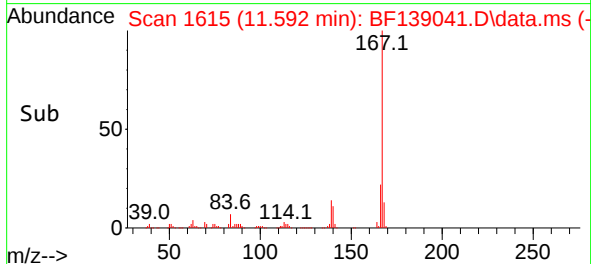
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



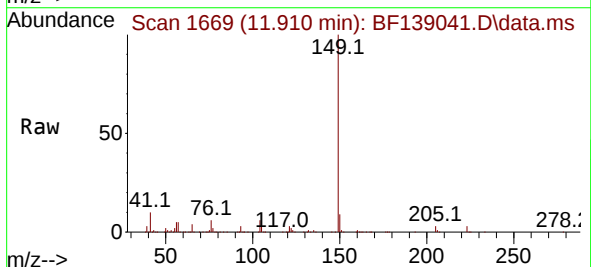
Tgt Ion:167 Resp: 296110
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 14.2 10.6 16.0

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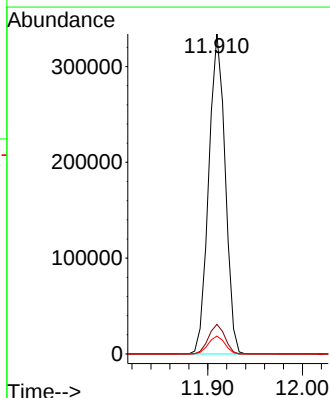
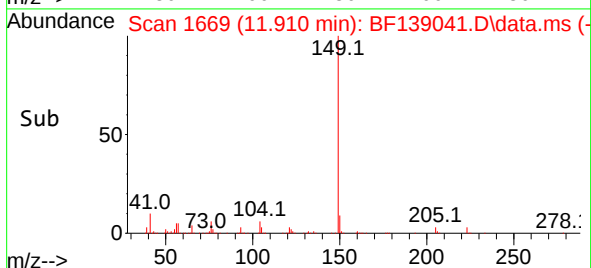
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

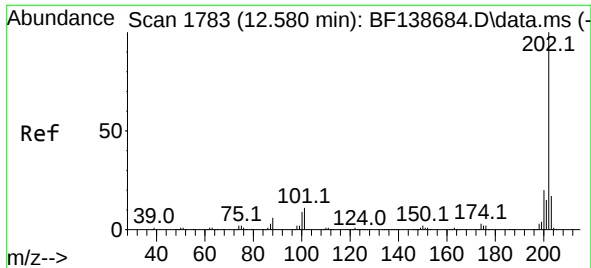


#74
Di-n-butylphthalate
Concen: 62.072 ng
RT: 11.910 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



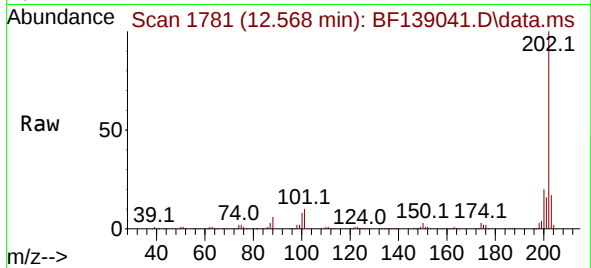
Tgt Ion:149 Resp: 401735
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.6 4.1 6.1





#75
Fluoranthene
Concen: 52.276 ng
RT: 12.568 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

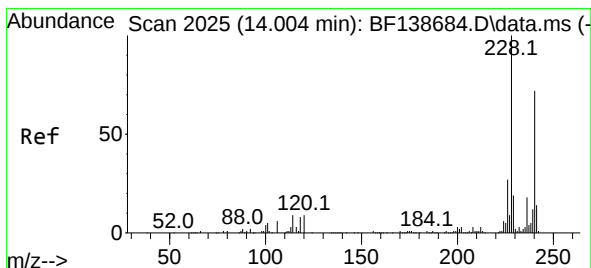
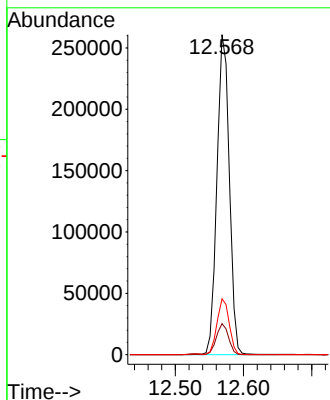
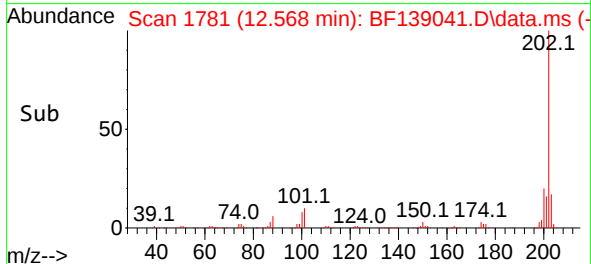
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



Tgt Ion:202 Resp: 330580
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.2
203 17.4 0.0 37.3

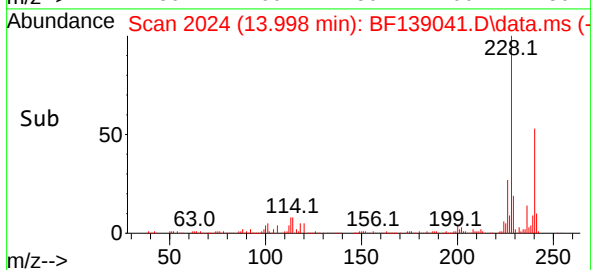
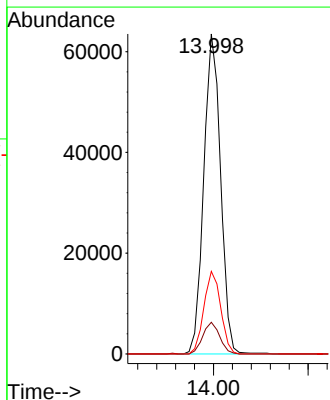
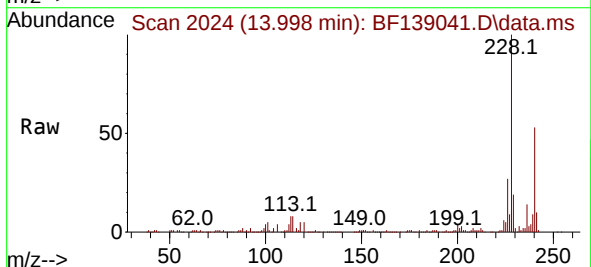
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

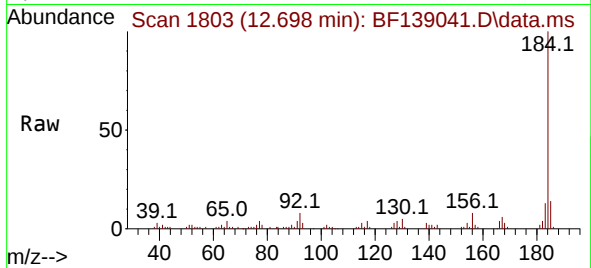
Tgt Ion:240 Resp: 78293
Ion Ratio Lower Upper
240 100
120 9.9 10.2 15.4#
236 25.8 19.8 29.8





#77
Benzidine
Concen: 28.413 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

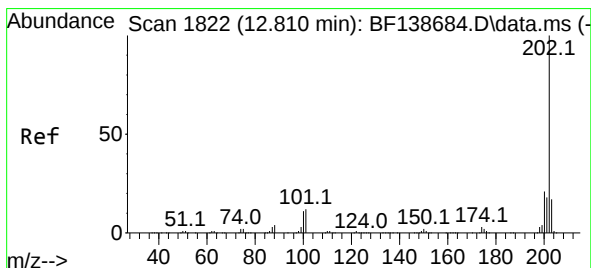
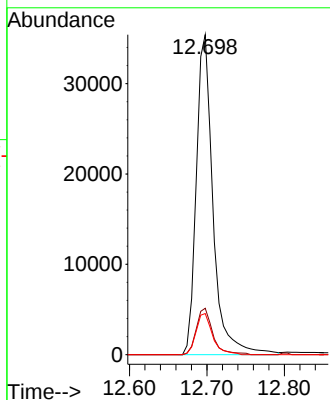
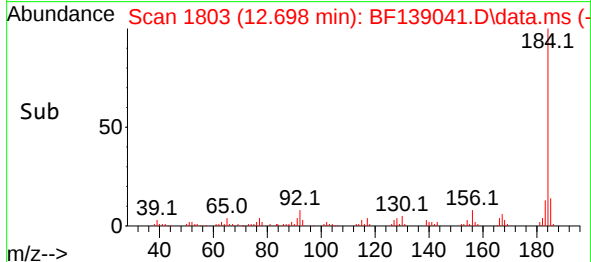
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



Tgt Ion:184 Resp: 53208
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 12.9 9.6 14.4

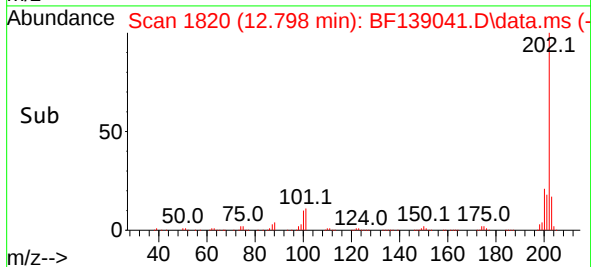
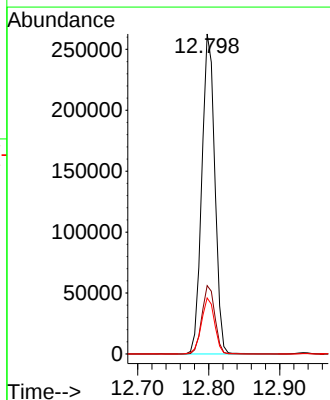
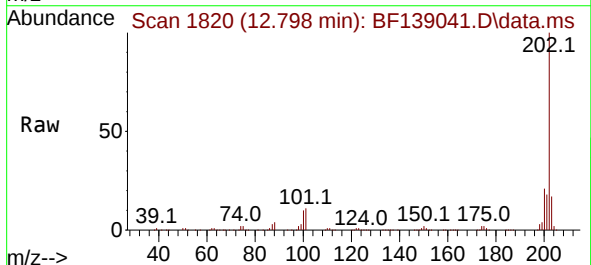
Manual Integrations
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Supervised By :mohammad ahmed 08/17/2024



#78
Pyrene
Concen: 45.433 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

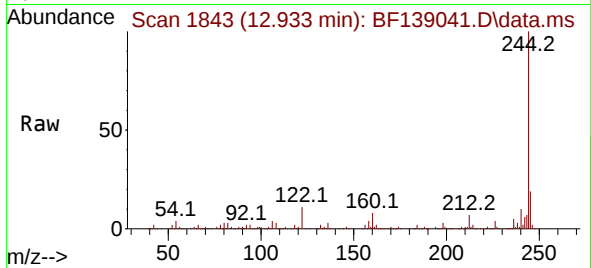
Tgt Ion:202 Resp: 334914
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.5 13.8 20.6





#79
Terphenyl-d14
Concen: 64.383 ng
RT: 12.933 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

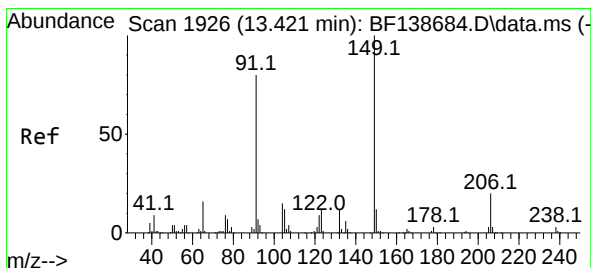
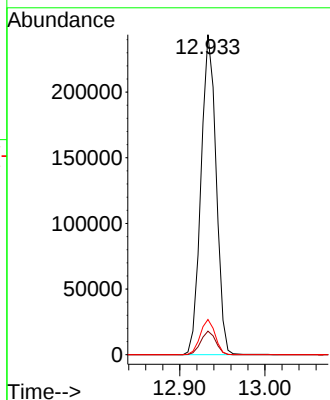
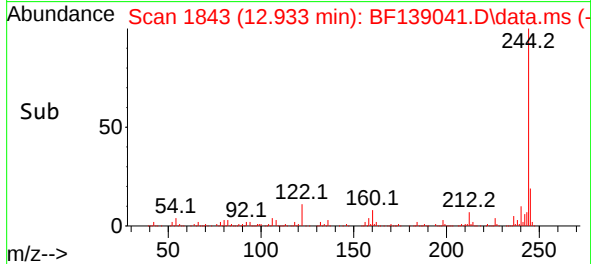
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



Tgt Ion:244 Resp: 30107
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 11.0 9.6 14.4

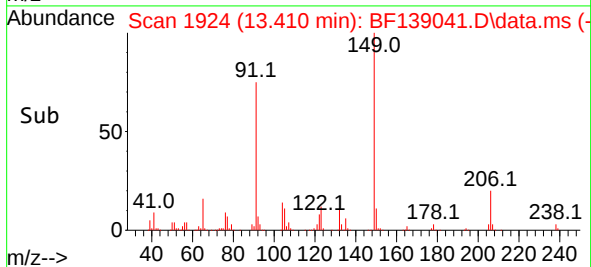
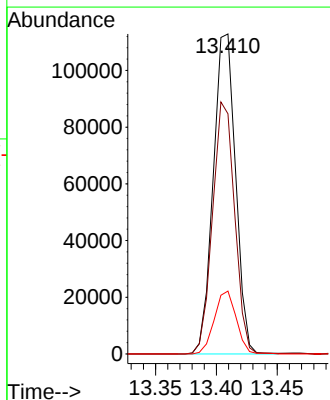
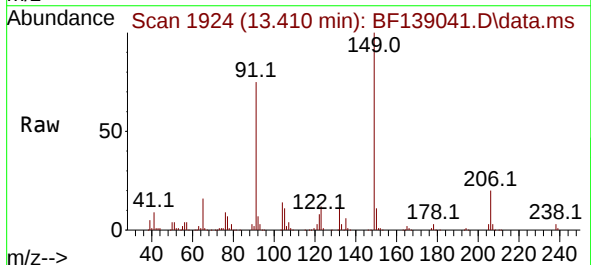
Manual Integrations
APPROVED

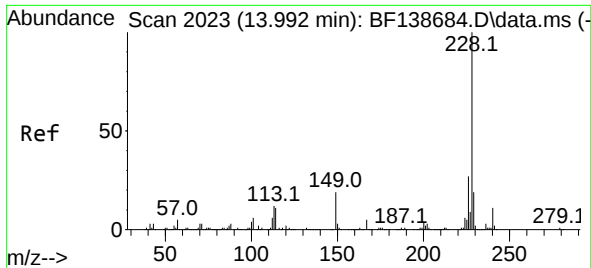
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#80
Butylbenzylphthalate
Concen: 61.169 ng
RT: 13.410 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

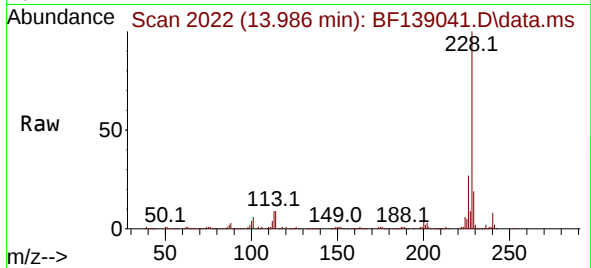
Tgt Ion:149 Resp: 144393
Ion Ratio Lower Upper
149 100
91 75.0 63.7 95.5
206 19.7 16.2 24.2





#81
Benzo(a)anthracene
Concen: 56.710 ng
RT: 13.986 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

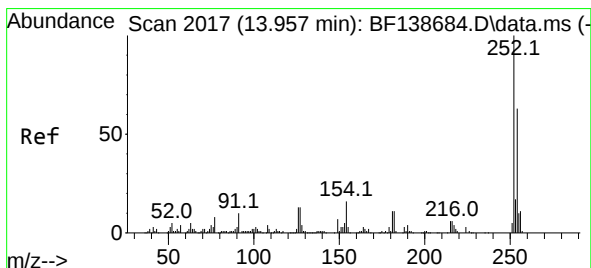
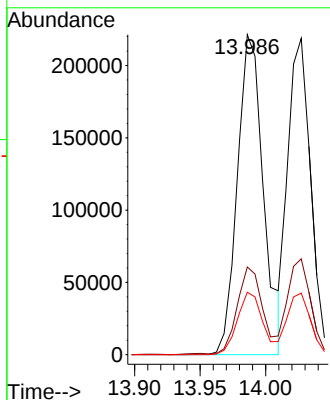
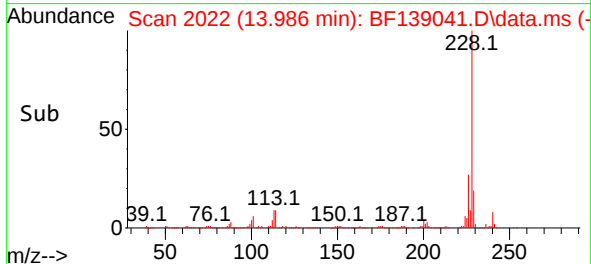
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



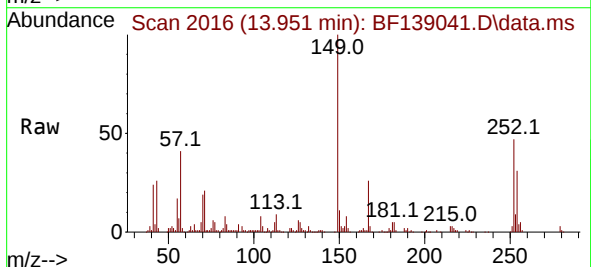
Tgt Ion:228 Resp: 305749
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.5 15.4 23.0

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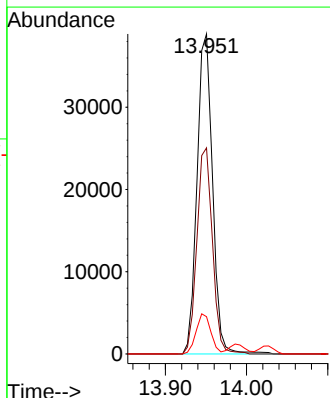
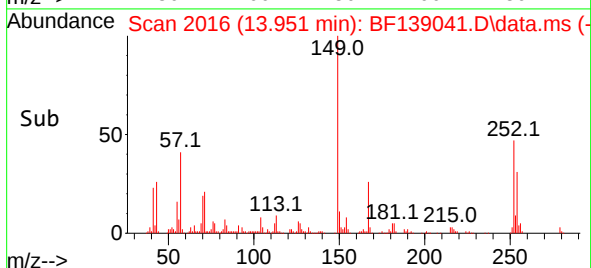
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#82
3,3'-Dichlorobenzidine
Concen: 37.498 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



Tgt Ion:252 Resp: 51736
Ion Ratio Lower Upper
252 100
254 64.4 50.8 76.2
126 11.6 10.2 15.2





#83

Chrysene

Concen: 54.088 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139041.D

Acq: 16 Aug 2024 00:48

Instrument :

BNA_F

ClientSampleId :

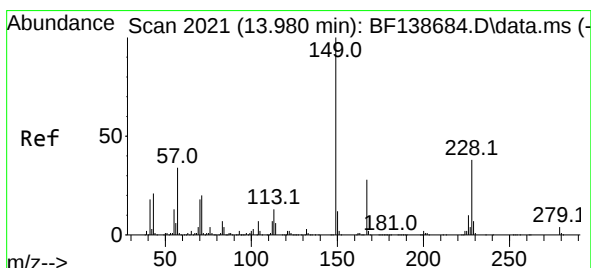
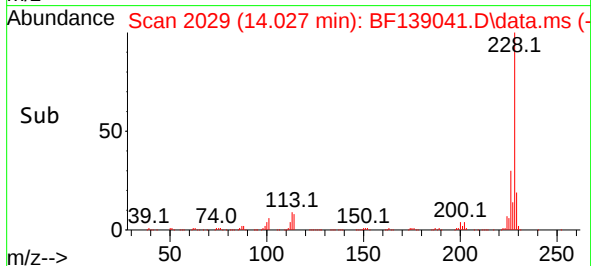
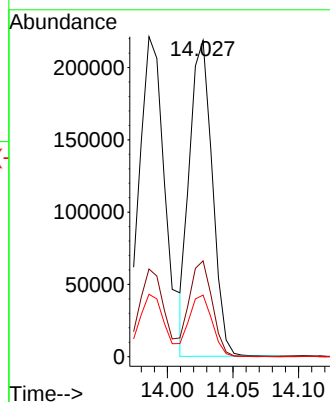
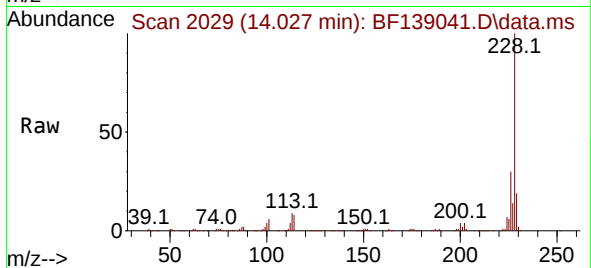
C-SOILMS

Tgt Ion:	228	Resp:	263088
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.7	35.5
229	19.5	15.0	22.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.756 ng

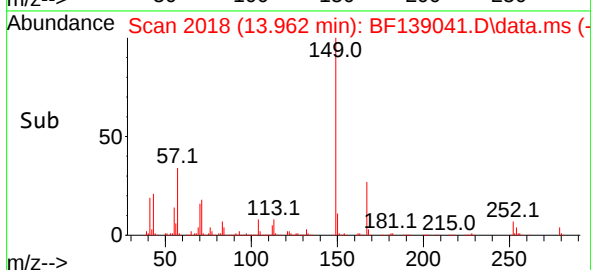
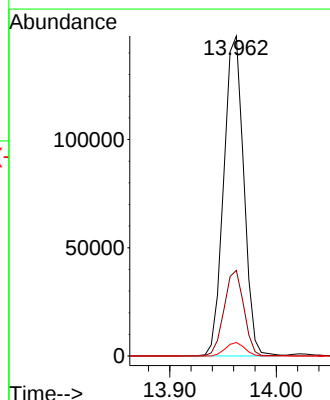
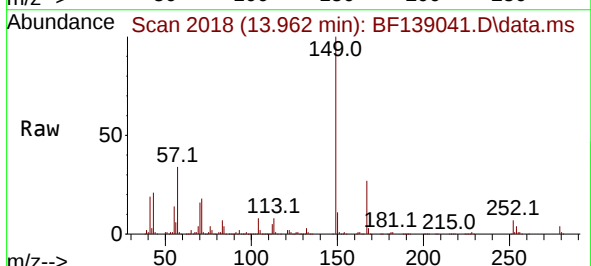
RT: 13.962 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139041.D

Acq: 16 Aug 2024 00:48

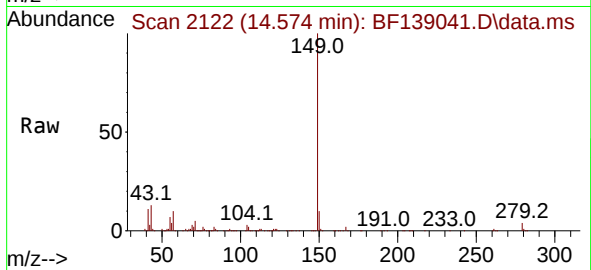
Tgt Ion:	149	Resp:	192728
Ion Ratio	Lower	Upper	
149	100		
167	26.7	22.2	33.4
279	4.2	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 52.983 ng
RT: 14.574 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

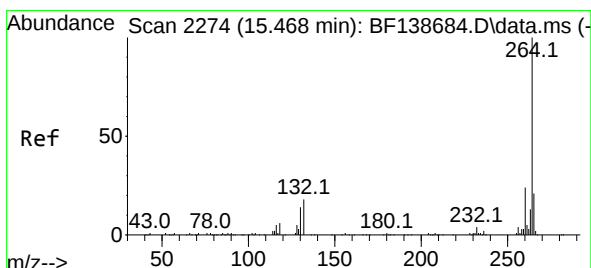
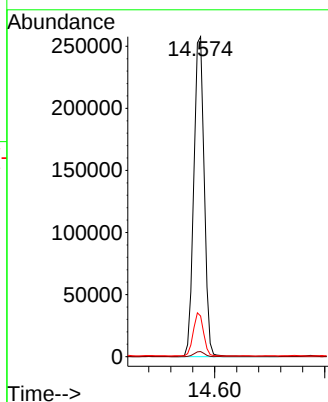
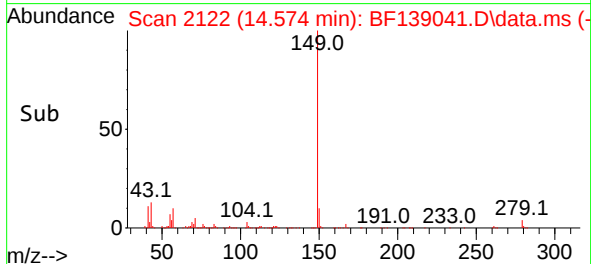
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



Tgt Ion:149 Resp: 338840
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 13.1 10.4 15.6

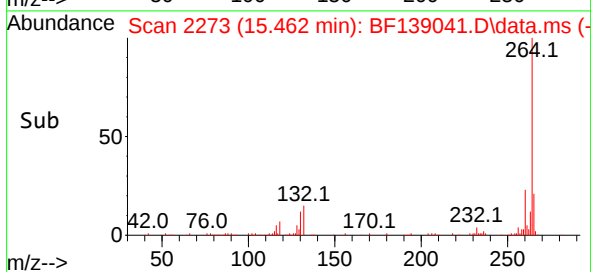
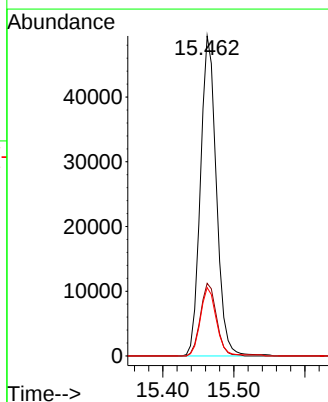
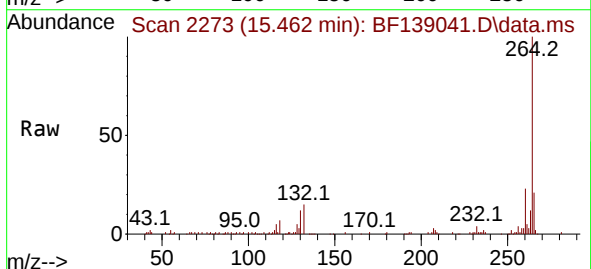
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

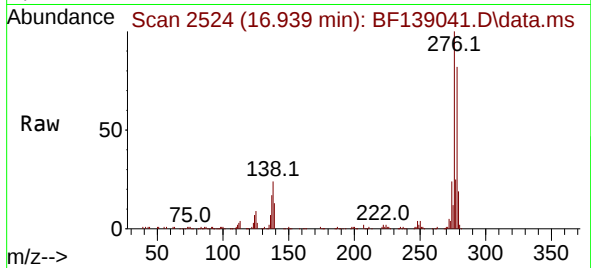
Tgt Ion:264 Resp: 77131
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.6
265 21.3 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 35.951 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

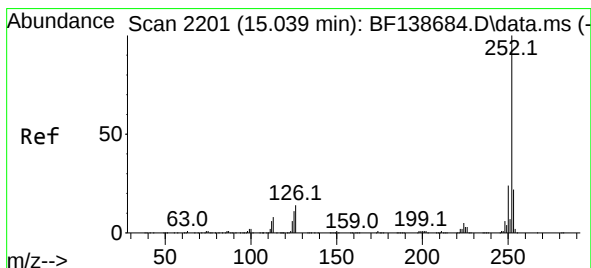
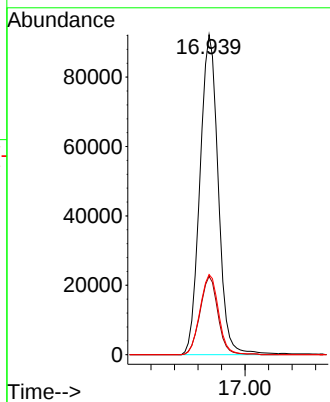
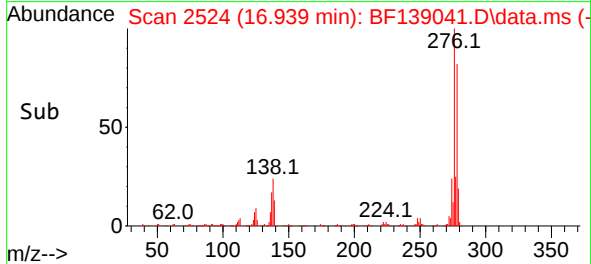
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



Tgt Ion:276 Resp: 19872
Ion Ratio Lower Upper
276 100
138 23.9 21.8 32.8
277 25.4 20.6 30.8

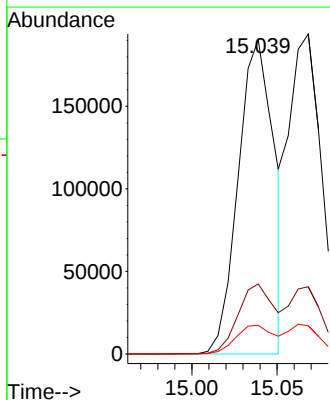
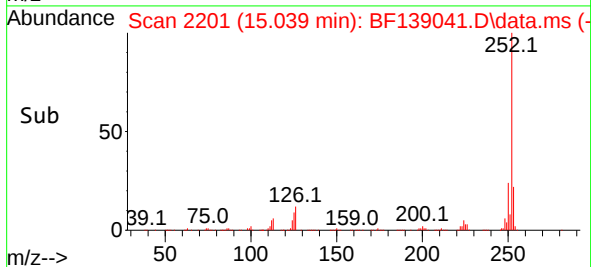
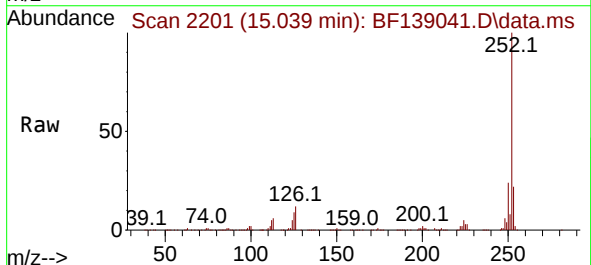
Manual Integrations
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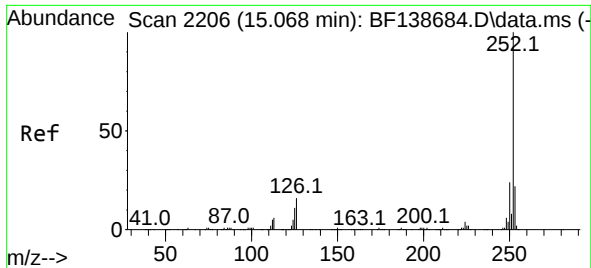
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#88
Benzo(b)fluoranthene
Concen: 58.175 ng
RT: 15.039 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

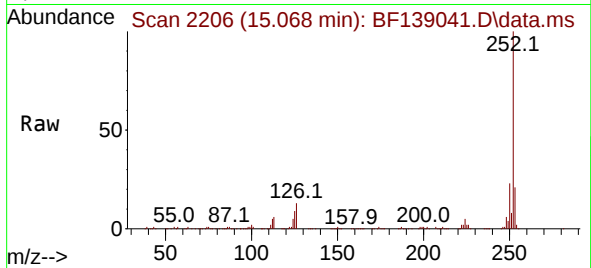
Tgt Ion:252 Resp: 278155
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.1 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 62.559 ng
RT: 15.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

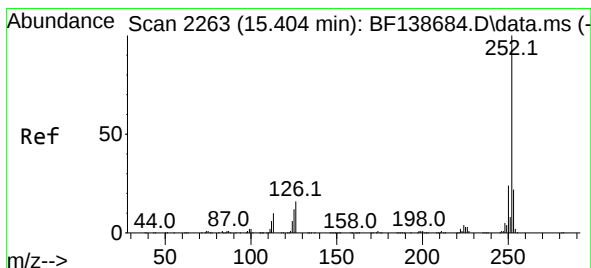
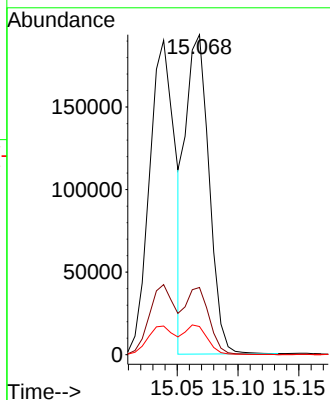
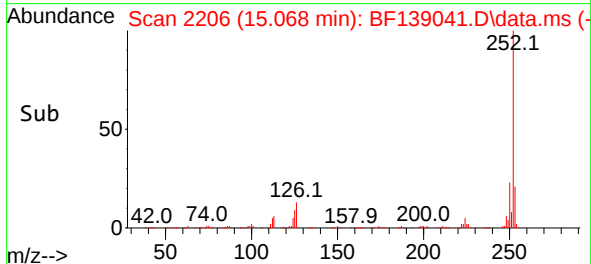
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



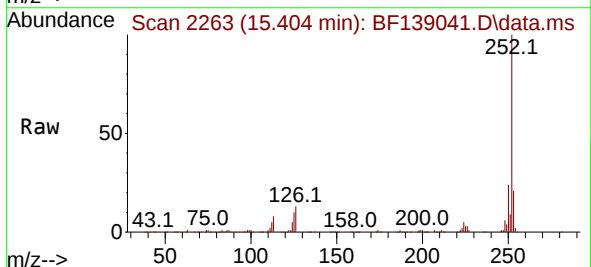
Tgt Ion:252 Resp: 25898
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 8.8 8.6 13.0

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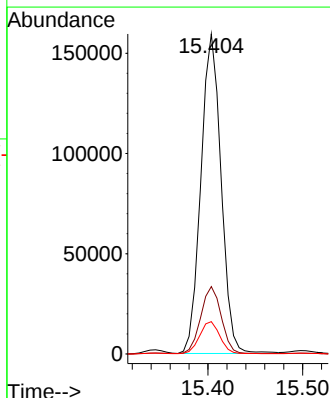
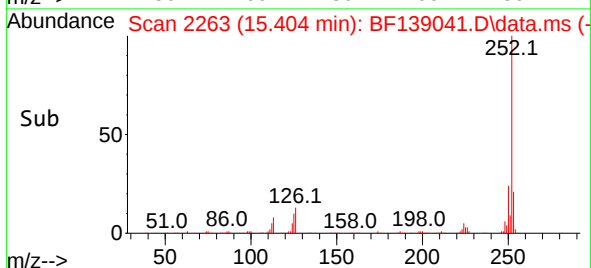
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#90
Benzo(a)pyrene
Concen: 58.712 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48



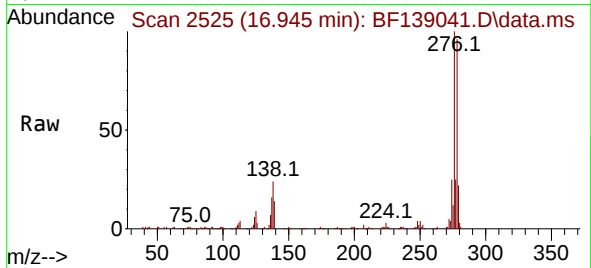
Tgt Ion:252 Resp: 236129
Ion Ratio Lower Upper
252 100
253 21.0 17.3 25.9
125 10.1 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 35.890 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

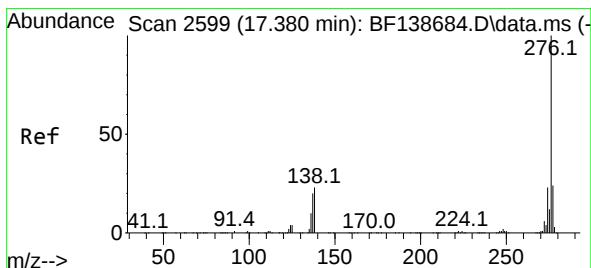
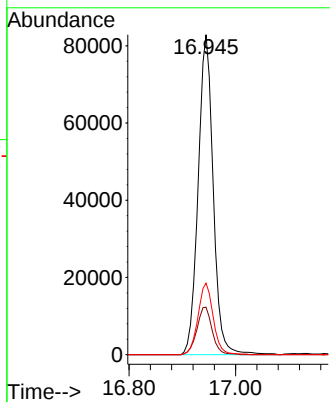
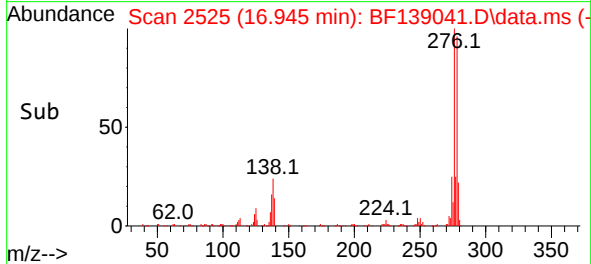
Instrument :
BNA_F
ClientSampleId :
C-SOILMS



Tgt Ion:278 Resp: 162844
Ion Ratio Lower Upper
278 100
139 14.8 14.0 21.0
279 22.4 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#92
Benzo(g,h,i)perylene
Concen: 31.341 ng
RT: 17.380 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BF139041.D
Acq: 16 Aug 2024 00:48

Tgt Ion:276 Resp: 147565
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 19.1 18.5 27.7

