

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139069.D
 Acq On : 19 Aug 2024 11:46
 Operator : RC/JU
 Sample : P3390-03
 Misc : MDL-MDL-SOIL-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Quant Time: Aug 19 12:44:26 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

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 08/20/2024

Supervised By :mohammad
 ahmed
 08/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	46478	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	197295	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	114373	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	219070	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	112625	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	95189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	382235	126.950	ng	0.00
7) Phenol-d6	6.487	99	526318	130.197	ng	0.00
23) Nitrobenzene-d5	7.404	82	357408	88.569	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	124819	133.230	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	682253	89.626	ng	-0.01
79) Terphenyl-d14	12.939	244	623643	92.710	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	9700	7.359	ng	# 91
3) Pyridine	3.422	79	19759	6.188	ng	# 95
4) n-Nitrosodimethylamine	3.310	42	15584	8.194	ng	# 80
6) Aniline	6.504	93	35366	9.810	ng	# 65
8) 2-Chlorophenol	6.628	128	26997	8.522	ng	96
9) Benzaldehyde	6.398	77	22515	9.291	ng	97
10) Phenol	6.498	94	34558	8.119	ng	# 52
11) bis(2-Chloroethyl)ether	6.575	93	25558	7.803	ng	97
12) 1,3-Dichlorobenzene	6.775	146	28120	7.930	ng	97
13) 1,4-Dichlorobenzene	6.851	146	29535	8.253	ng	99
14) 1,2-Dichlorobenzene	7.004	146	28058	8.390	ng	98
15) Benzyl Alcohol	6.992	79	22628	7.766	ng	# 81
16) 2,2'-oxybis(1-Chloropr...	7.104	45	48107	8.535	ng	51
17) 2-Methylphenol	7.104	107	20851	7.971	ng	# 79
18) Hexachloroethane	7.339	117	11604	8.614	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	20865	8.546	ng	91
20) 3+4-Methylphenols	7.269	107	26860	8.003	ng	# 53
22) Acetophenone	7.251	105	41478	8.586	ng	94
24) Nitrobenzene	7.422	77	34764	8.466	ng	97
25) Isophorone	7.657	82	57464	8.339	ng	# 97
26) 2-Nitrophenol	7.745	139	14508	8.212	ng	96
27) 2,4-Dimethylphenol	7.781	122	14982	7.088	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	33101	7.888	ng	99
29) 2,4-Dichlorophenol	7.998	162	22192	8.170	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	24521	7.823	ng	98
31) Naphthalene	8.139	128	82148	7.910	ng	99
32) Benzoic acid	7.939	122	4302m	2.589	ng	
33) 4-Chloroaniline	8.198	127	30294	8.690	ng	96
34) Hexachlorobutadiene	8.245	225	15681	8.259	ng	98
35) Caprolactam	8.545	113	6831	8.429	ng	94
36) 4-Chloro-3-methylphenol	8.686	107	25565	8.236	ng	95
37) 2-Methylnaphthalene	8.828	142	54987	8.384	ng	100
38) 1-Methylnaphthalene	8.928	142	52104	8.107	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	26631	8.382	ng	97
41) Hexachlorocyclopentadiene	8.975	237	341	7.336	ng	81
43) 2,4,6-Trichlorophenol	9.116	196	13796	7.122	ng	99

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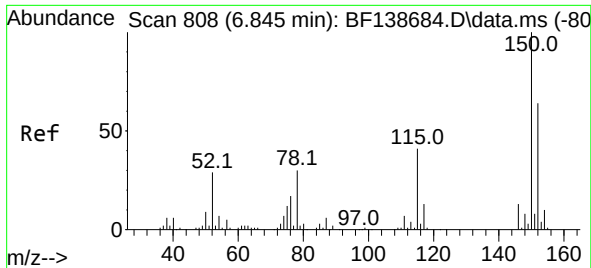
Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 08/20/2024

Supervised By :mohammad
 ahmed
 08/21/2024

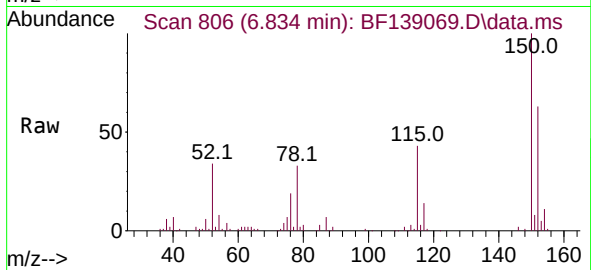
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.175	196	15136	7.147	ng	#	91
46) 1,1'-Biphenyl	9.286	154	73847	8.244	ng		99
47) 2-Chloronaphthalene	9.316	162	52562	7.890	ng		98
48) 2-Nitroaniline	9.422	65	19093	8.454	ng		88
49) Acenaphthylene	9.728	152	81646	8.641	ng		99
50) Dimethylphthalate	9.586	163	64033	8.756	ng		99
51) 2,6-Dinitrotoluene	9.657	165	13335	8.080	ng	#	80
52) Acenaphthene	9.898	154	51010	8.031	ng		99
53) 3-Nitroaniline	9.839	138	13103	7.680	ng		94
54) 2,4-Dinitrophenol	9.986	184	1821m	2.397	ng		
55) Dibenzofuran	10.075	168	76538	8.537	ng		95
56) 4-Nitrophenol	10.057	139	2068m	2.016	ng		
57) 2,4-Dinitrotoluene	10.075	165	17665	8.389	ng	#	73
58) Fluorene	10.416	166	61530	8.618	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	12840m	7.931	ng		
60) Diethylphthalate	10.286	149	61568	8.879	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	29818	8.491	ng		94
62) 4-Nitroaniline	10.451	138	11646m	7.183	ng		
63) Azobenzene	10.569	77	67012	8.713	ng		95
65) 4,6-Dinitro-2-methylph...	10.486	198	6712	5.022	ng		92
66) n-Nitrosodiphenylamine	10.527	169	52253	7.631	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	17448	7.356	ng		98
68) Hexachlorobenzene	10.963	284	17799	7.268	ng		93
69) Atrazine	11.051	200	18528	10.487	ng		95
70) Pentachlorophenol	11.186	266	1212	1.098	ng	#	80
71) Phenanthrene	11.380	178	94934	8.416	ng		99
72) Anthracene	11.433	178	91844	8.265	ng		99
73) Carbazole	11.598	167	72444	7.556	ng		98
74) Di-n-butylphthalate	11.910	149	96026	8.910	ng		99
75) Fluoranthene	12.574	202	83409	7.920	ng		97
77) Benzidine	12.704	184	16030	5.951	ng		96
78) Pyrene	12.804	202	81758	7.710	ng		100
80) Butylbenzylphthalate	13.410	149	30674	9.033	ng		97
81) Benzo(a)anthracene	13.992	228	62040	7.999	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	15921	8.022	ng	#	94
83) Chrysene	14.027	228	54334	7.765	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	36429	7.326	ng		98
85) Di-n-octyl phthalate	14.574	149	48226	5.242	ng		97
87) Indeno(1,2,3-cd)pyrene	16.951	276	45555	6.678	ng		95
88) Benzo(b)fluoranthene	15.039	252	47046	7.973	ng		98
89) Benzo(k)fluoranthene	15.068	252	42979	8.412	ng		99
90) Benzo(a)pyrene	15.410	252	40968	8.254	ng		98
91) Dibenzo(a,h)anthracene	16.956	278	36322	6.486	ng		98
92) Benzo(g,h,i)perylene	17.404	276	35025	6.028	ng		98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

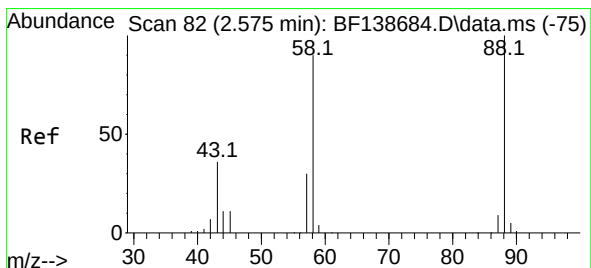
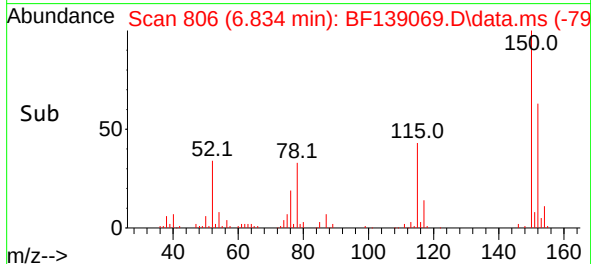
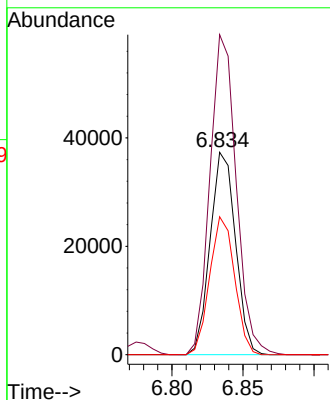


Tgt Ion:152 Resp: 46478
Ion Ratio Lower Upper
152 100
150 158.1 126.0 189.0
115 68.2 51.7 77.5

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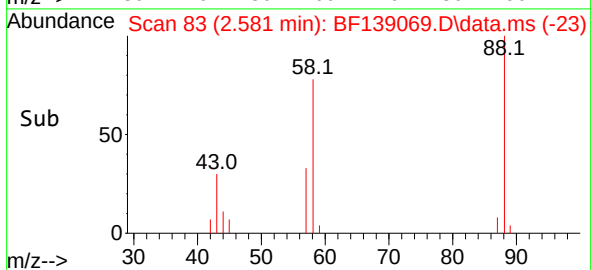
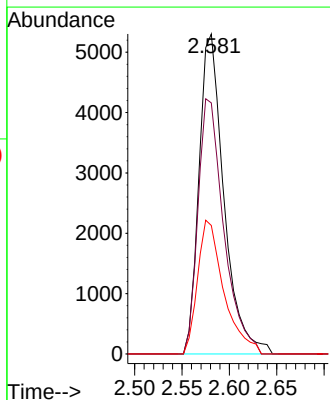
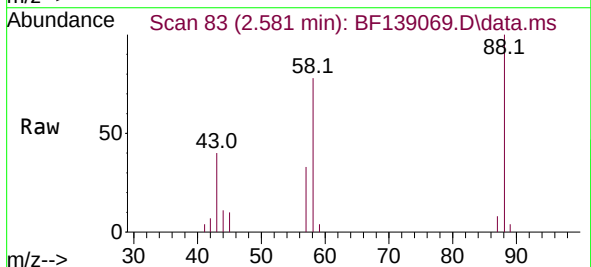
Reviewed By :Jagrut
Upadhyay
08/20/2024

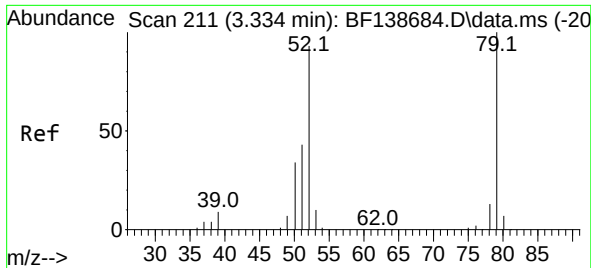
Supervised By :mohammad
ahmed
08/21/2024



#2
1,4-Dioxane
Concen: 7.359 ng
RT: 2.581 min Scan# 83
Delta R.T. 0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Tgt Ion: 88 Resp: 9700
Ion Ratio Lower Upper
88 100
58 82.5 71.6 107.4
43 44.1 28.7 43.1#





#3

Pyridine

Concen: 6.188 ng

RT: 3.422 min Scan# 211

Delta R.T. 0.088 min

Lab File: BF139069.D

Acq: 19 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion	Ratio	Lower	Upper
79	100		
52	93.5	74.7	112.1
51	53.8	34.6	51.8

Manual Integrations

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Reviewed By :Jagrut

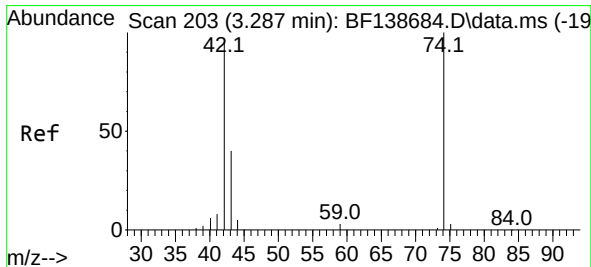
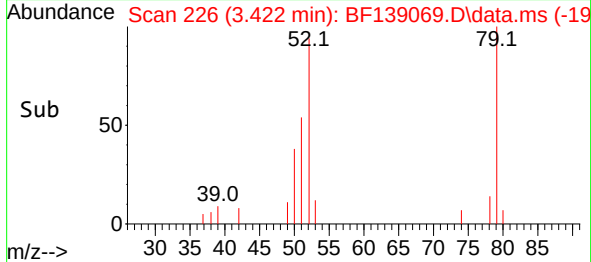
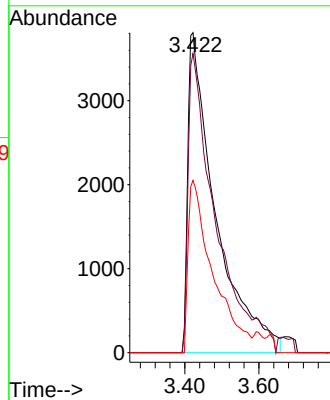
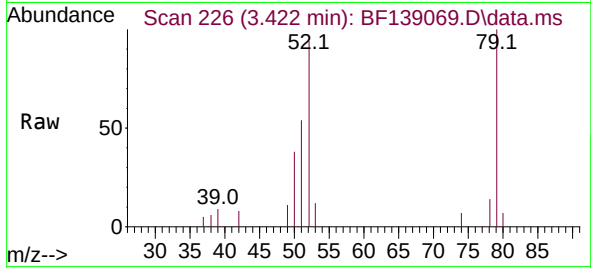
Upadhyay

08/20/2024

Supervised By :mohammad

ahmed

08/21/2024



#4

n-Nitrosodimethylamine

Concen: 8.194 ng

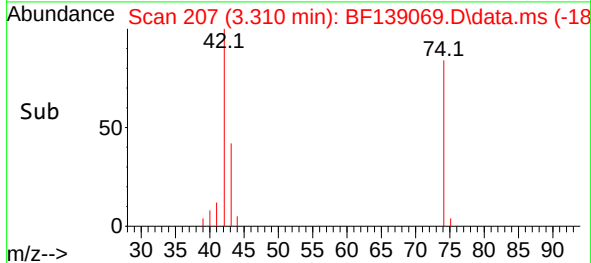
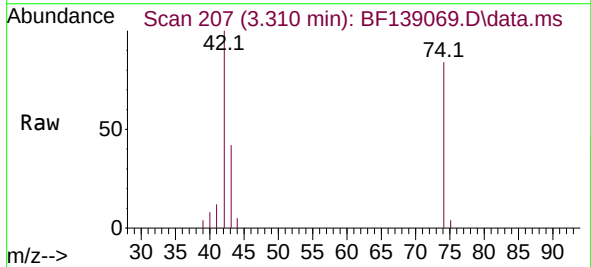
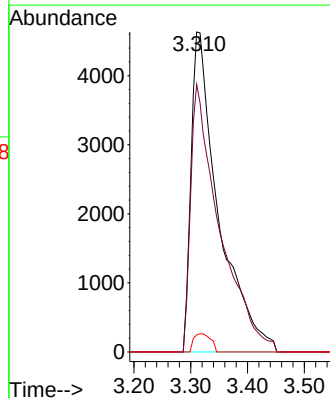
RT: 3.310 min Scan# 207

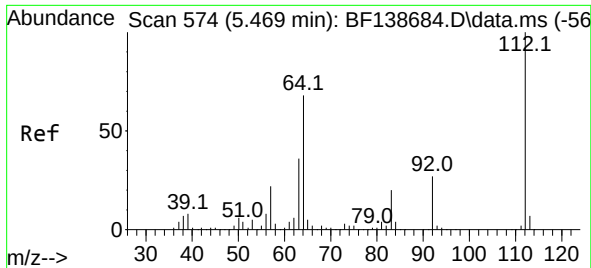
Delta R.T. 0.023 min

Lab File: BF139069.D

Acq: 19 Aug 2024 11:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	83.6	84.2	126.4
44	5.3	4.9	7.3





#5
2-Fluorophenol
Concen: 126.950 ng
RT: 5.469 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

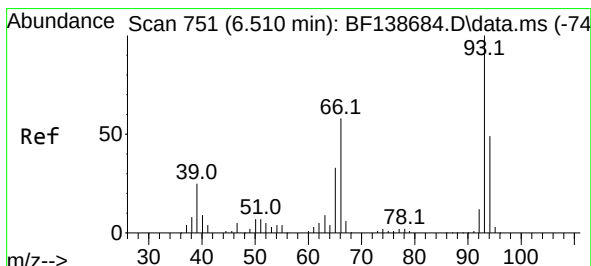
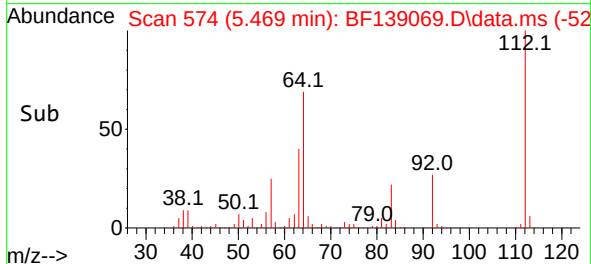
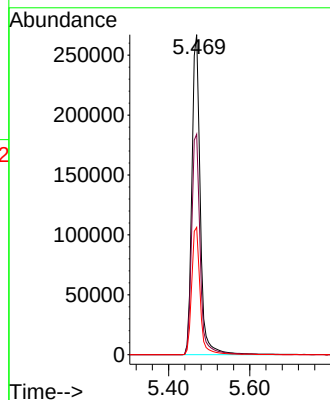
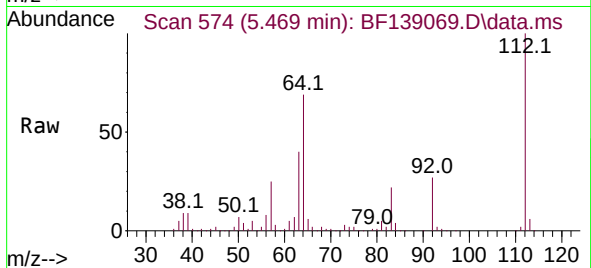
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion:112 Resp: 382235
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 39.8 28.7 43.1

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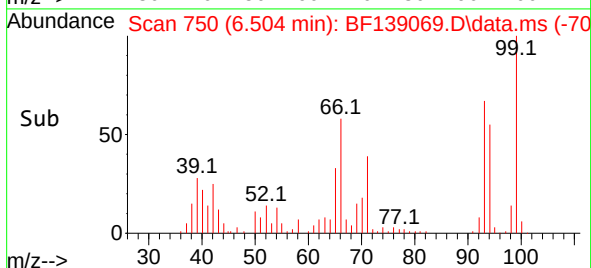
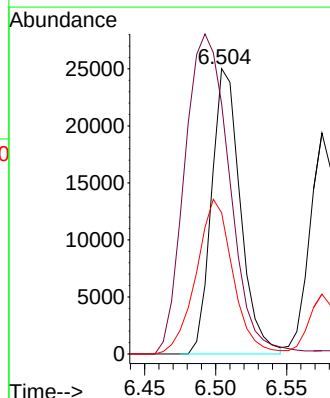
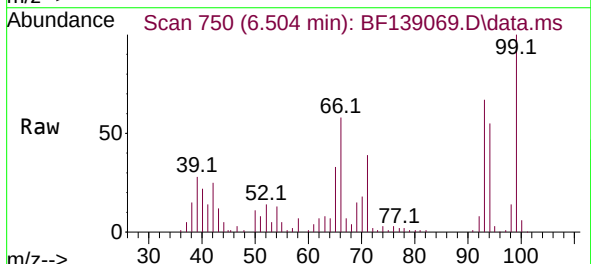
Reviewed By :Jagrut
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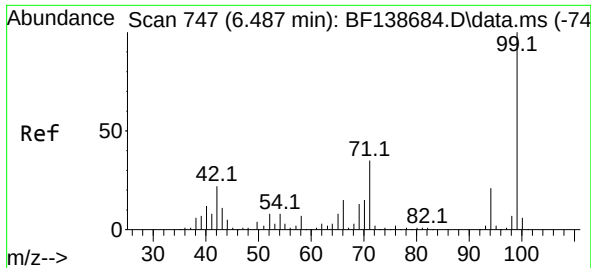
Supervised By :mohammad
ahmed
08/21/2024



#6
Aniline
Concen: 9.810 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139069.D
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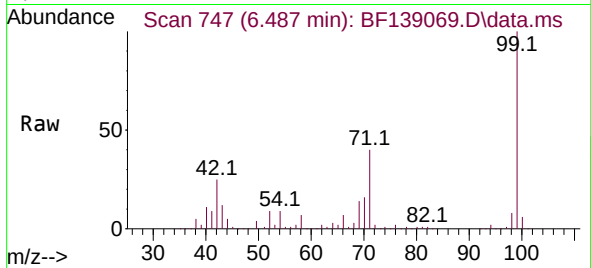
Tgt Ion: 93 Resp: 35366
Ion Ratio Lower Upper
93 100
66 87.7 46.9 70.3#
65 49.5 26.5 39.7#





#7
Phenol-d6
Concen: 130.197 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

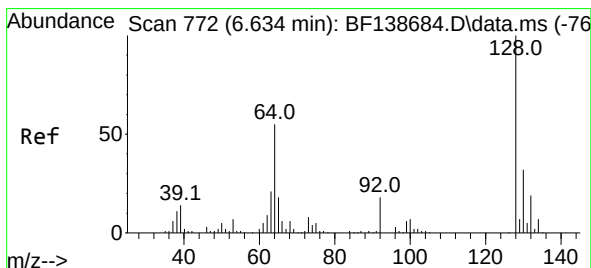
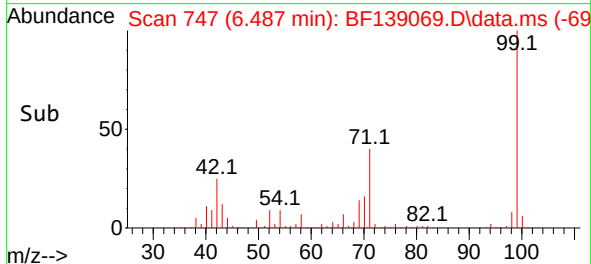
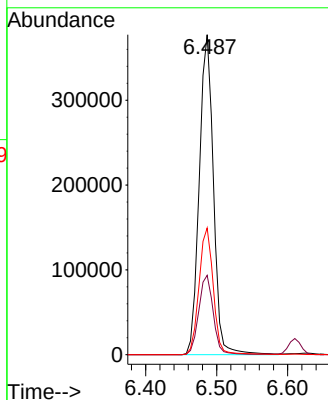


Tgt Ion: 99 Resp: 526318
Ion Ratio Lower Upper
99 100
42 24.8 17.4 26.0
71 39.6 28.1 42.1

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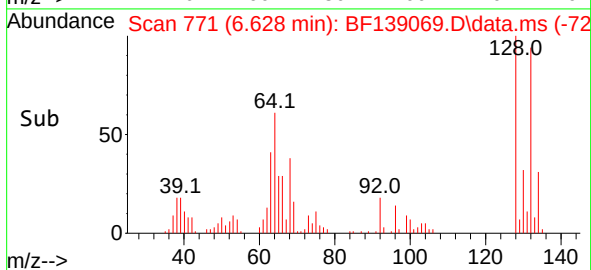
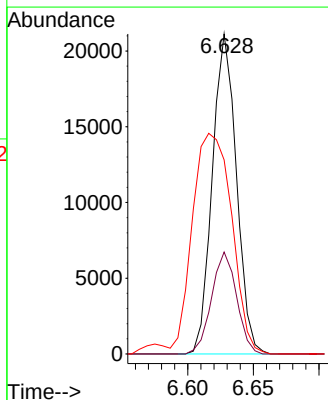
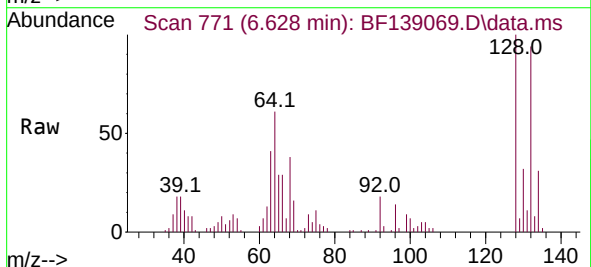
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Upadhyay
08/20/2024

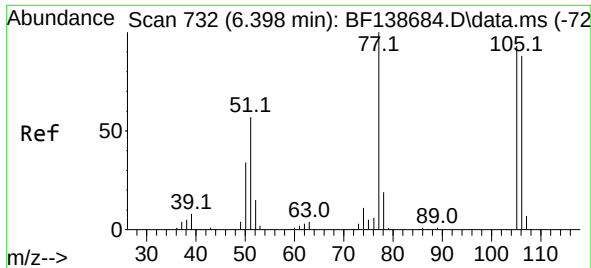
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ahmed
08/21/2024



#8
2-Chlorophenol
Concen: 8.522 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Tgt Ion:128 Resp: 26997
Ion Ratio Lower Upper
128 100
130 31.9 12.0 52.0
64 60.6 36.3 76.3





#9

Benzaldehyde

Concen: 9.291 ng

RT: 6.398 min Scan# 732

Delta R.T. 0.000 min

Lab File: BF139069.D

Acq: 19 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 77	Resp: 2251
Ion Ratio	Lower Upper
77 100	
105 96.2	72.9 112.9
106 91.1	68.4 108.4

Manual Integrations

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Reviewed By :Jagrut

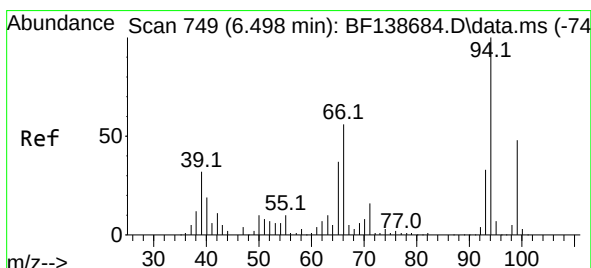
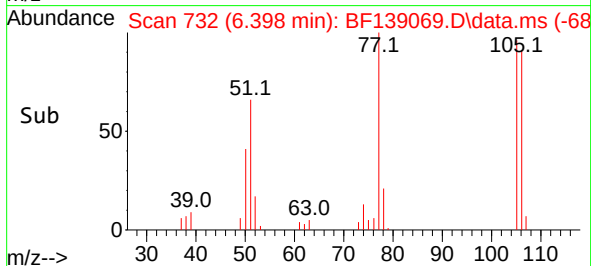
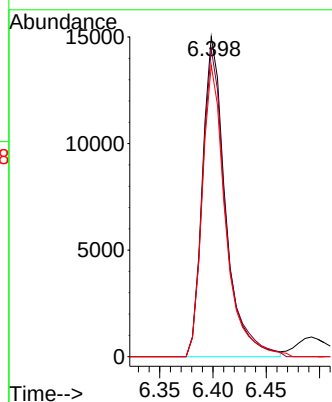
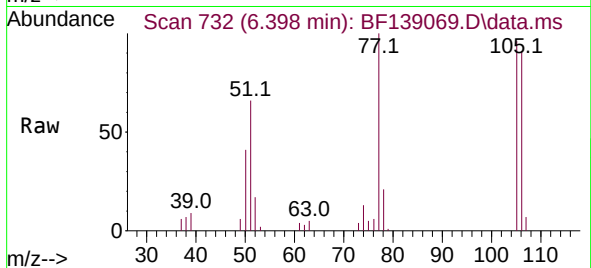
Upadhyay

08/20/2024

Supervised By :mohammad

ahmed

08/21/2024



#10

Phenol

Concen: 8.119 ng

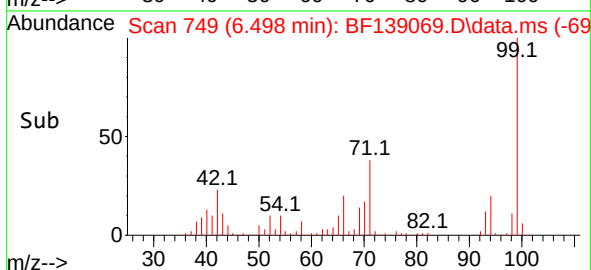
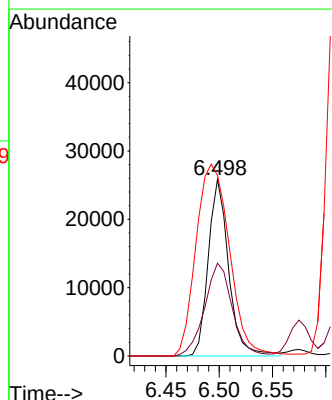
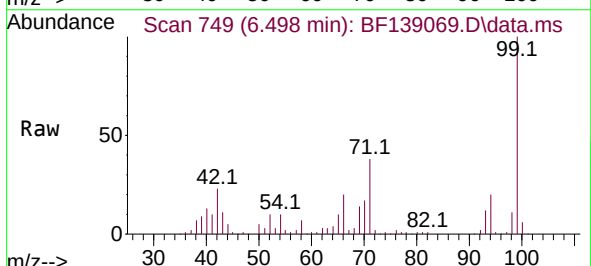
RT: 6.498 min Scan# 749

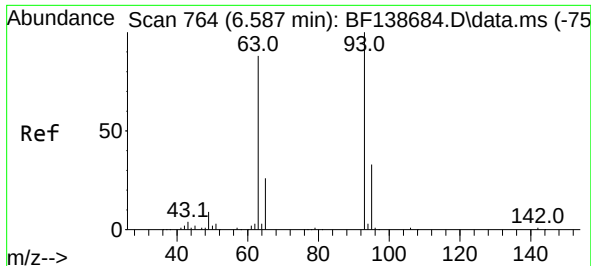
Delta R.T. -0.000 min

Lab File: BF139069.D

Acq: 19 Aug 2024 11:46

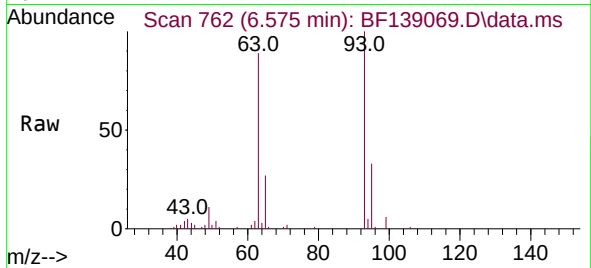
Tgt Ion: 94	Resp: 34558
Ion Ratio	Lower Upper
94 100	
65 52.6	16.9 56.9
66 102.3	36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 7.803 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

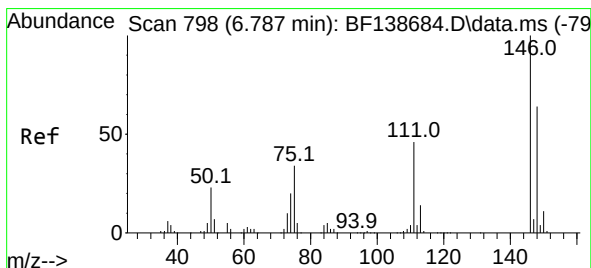
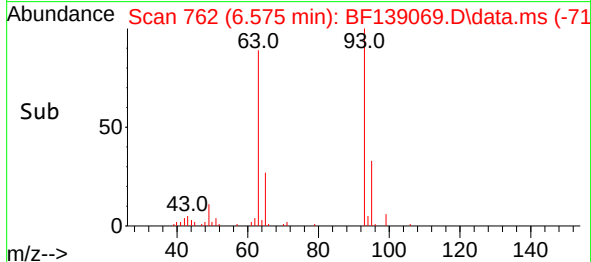
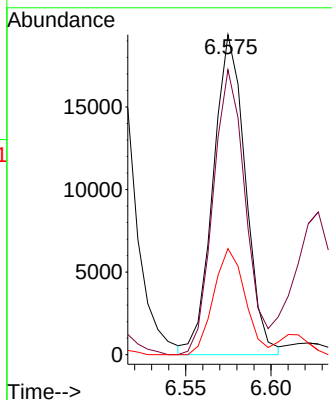


Tgt Ion: 93 Resp: 2555
Ion Ratio Lower Upper
93 100
63 89.1 65.3 105.3
95 33.2 12.4 52.4

Manual Integrations
APPROVED

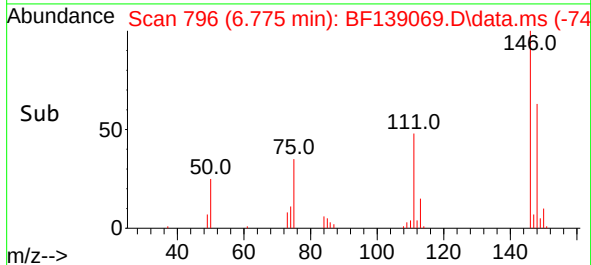
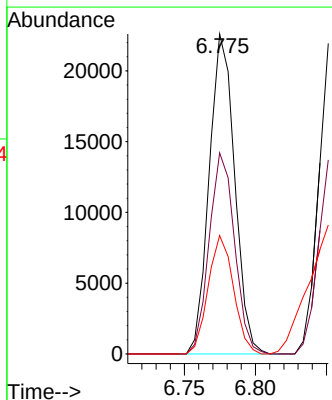
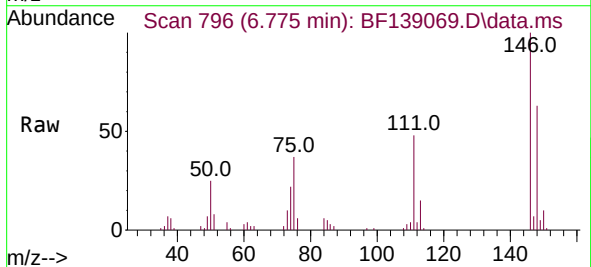
Reviewed By :Jagrut
Upadhyay
08/20/2024

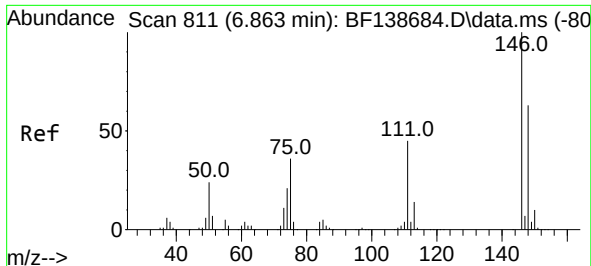
Supervised By :mohammad
ahmed
08/21/2024



#12
1,3-Dichlorobenzene
Concen: 7.930 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Tgt Ion:146 Resp: 28120
Ion Ratio Lower Upper
146 100
148 62.8 51.2 76.8
75 37.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 8.253 ng

RT: 6.851 min Scan# 809

Delta R.T. -0.012 min

Lab File: BF139069.D

Acq: 19 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:146	Resp:	2953
Ion Ratio	Lower	Upper
146	100	
148	62.5	50.2 75.2
111	46.6	35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut

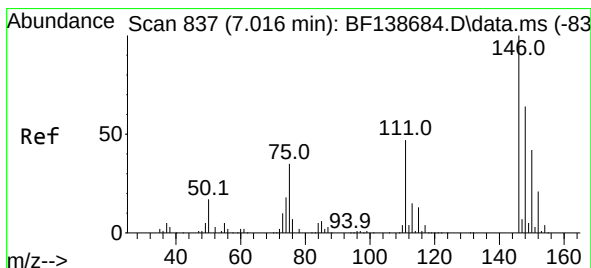
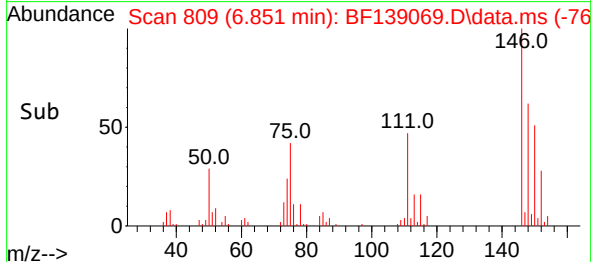
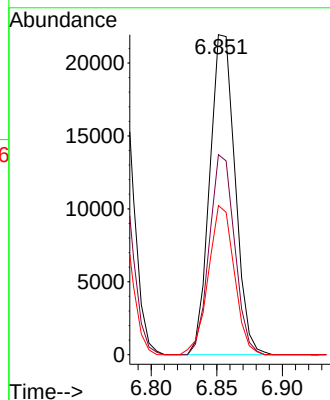
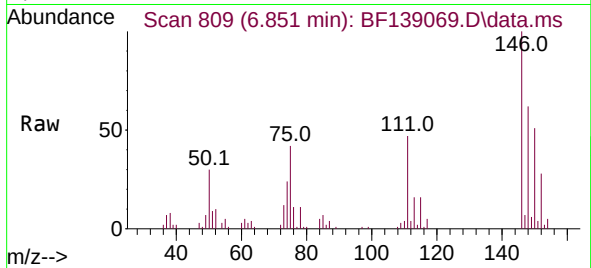
Upadhyay

08/20/2024

Supervised By :mohammad

ahmed

08/21/2024



#14

1,2-Dichlorobenzene

Concen: 8.390 ng

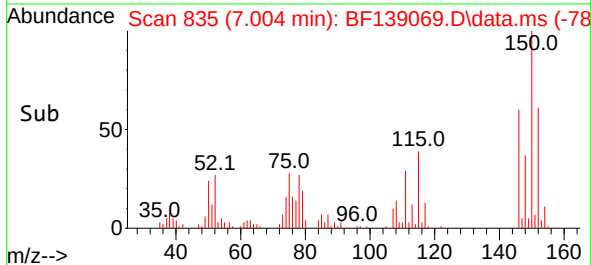
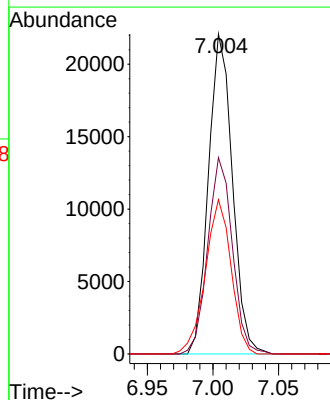
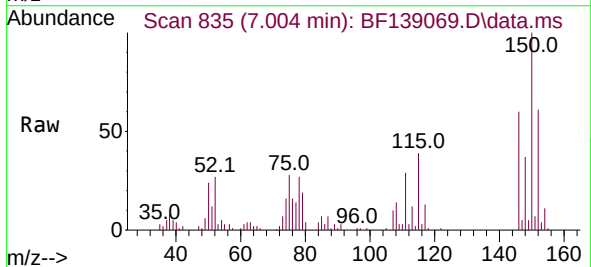
RT: 7.004 min Scan# 835

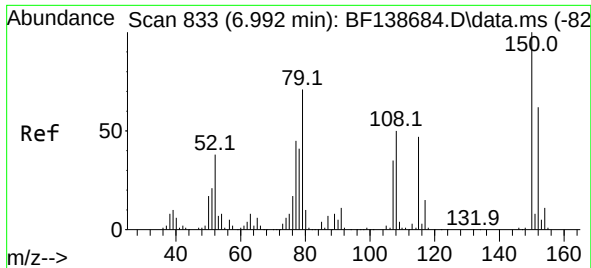
Delta R.T. -0.012 min

Lab File: BF139069.D

Acq: 19 Aug 2024 11:46

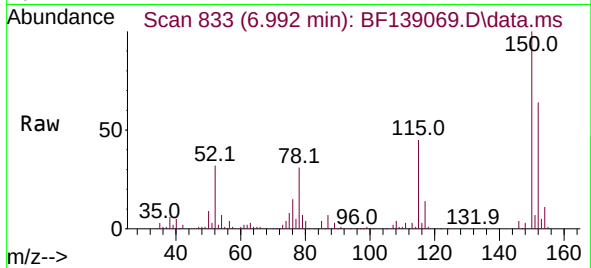
Tgt Ion:146	Resp:	28058
Ion Ratio	Lower	Upper
146	100	
148	61.3	50.8 76.2
111	48.2	37.4 56.2





#15
Benzyl Alcohol
Concen: 7.766 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

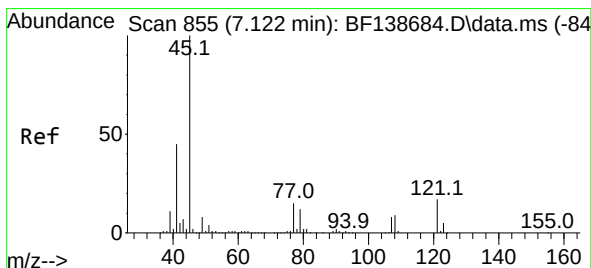
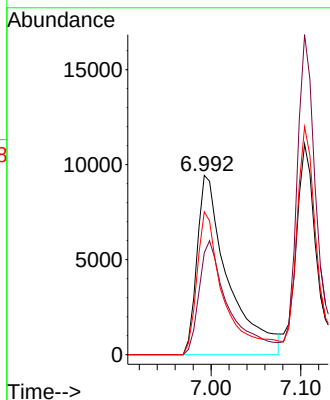
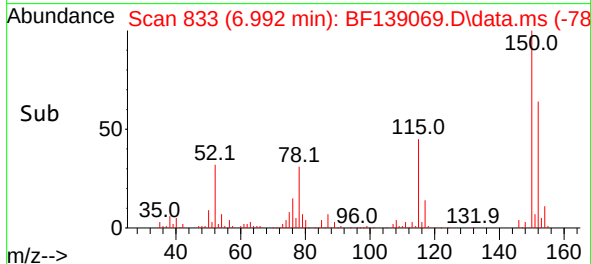


Tgt Ion: 79 Resp: 22628
Ion Ratio Lower Upper
79 100
108 56.9 56.6 85.0
77 79.7 50.3 75.5

Manual Integrations
APPROVED

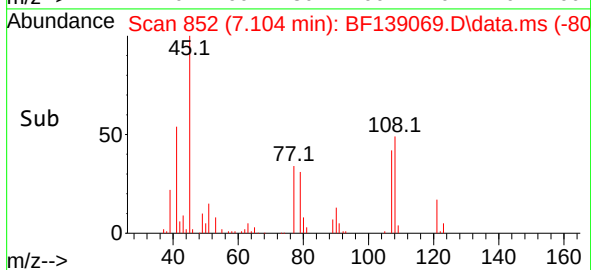
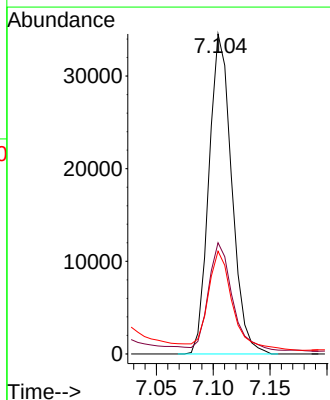
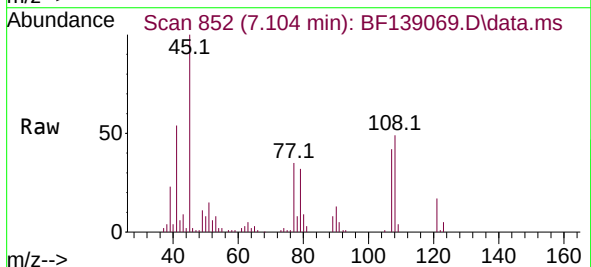
Reviewed By :Jagrut
Upadhyay
08/20/2024

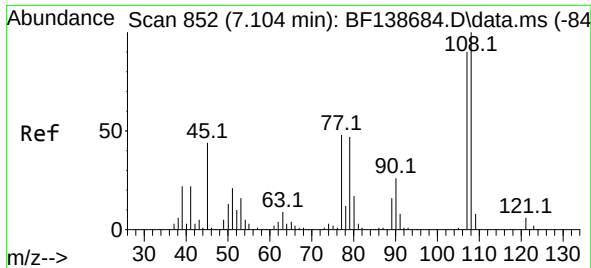
Supervised By :mohammad
ahmed
08/21/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.535 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

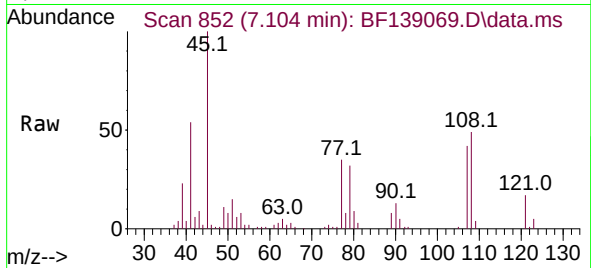
Tgt Ion: 45 Resp: 48107
Ion Ratio Lower Upper
45 100
77 34.7 0.0 34.9
79 32.1 0.0 32.2





#17
2-Methylphenol
Concen: 7.971 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

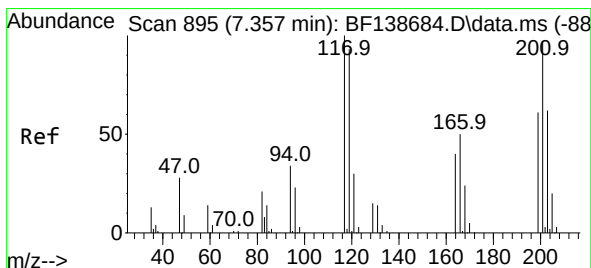
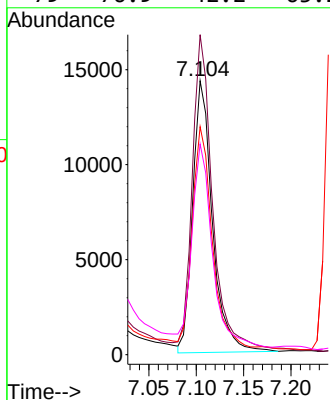
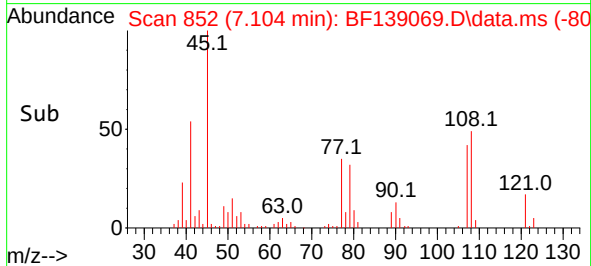


Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.8	89.2	133.8
77	83.3	43.0	64.4
79	76.9	42.2	63.2

Manual Integrations
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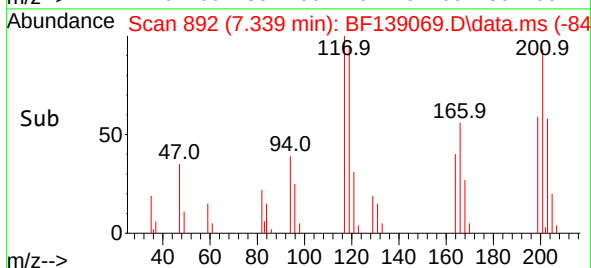
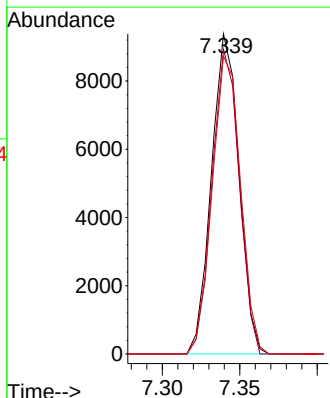
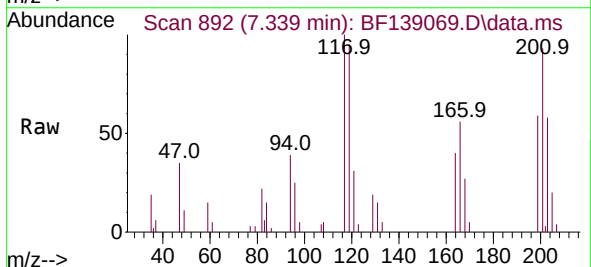
Reviewed By :Jagrut
Upadhyay
08/20/2024

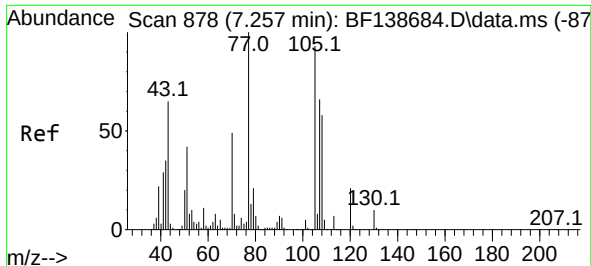
Supervised By :mohammad
ahmed
08/21/2024



#18
Hexachloroethane
Concen: 8.614 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

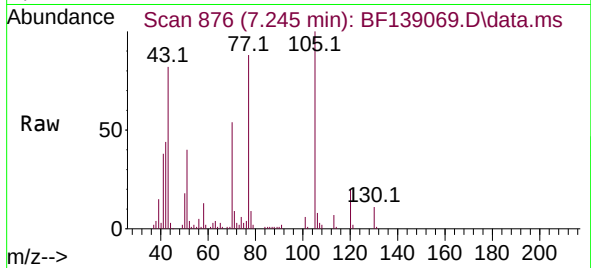
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	74.6	111.8
201	93.0	77.2	115.8





#19
n-Nitroso-di-n-propylamine
Concen: 8.546 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

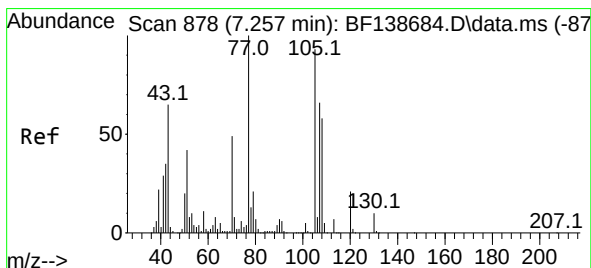
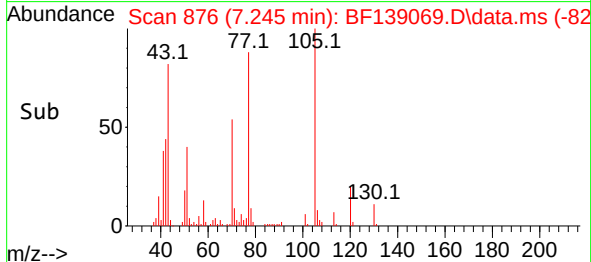
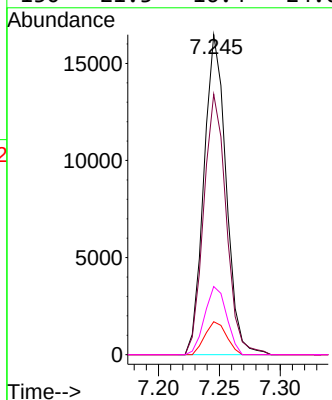


Tgt Ion:	70	Resp:	2086
Ion Ratio	Lower	Upper	
70	100		
42	81.4	57.4	86.0
101	10.3	7.5	11.3
130	21.3	16.4	24.6

Manual Integrations
APPROVED

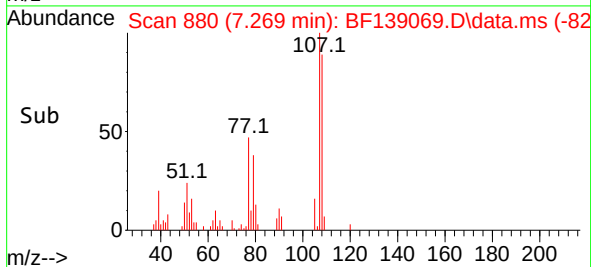
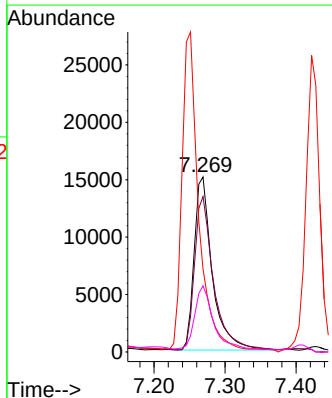
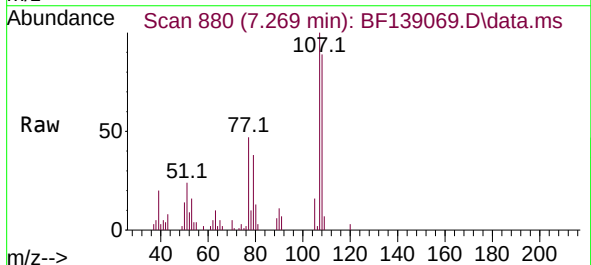
Reviewed By :Jagrut
Upadhyay
08/20/2024

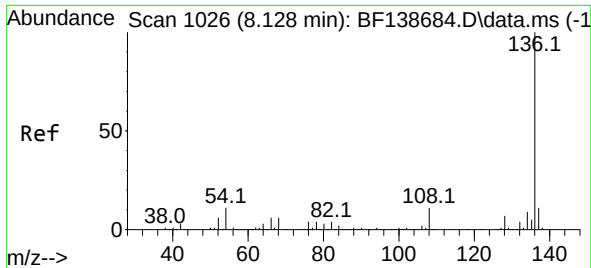
Supervised By :mohammad
ahmed
08/21/2024



#20
3+4-Methylphenols
Concen: 8.003 ng
RT: 7.269 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

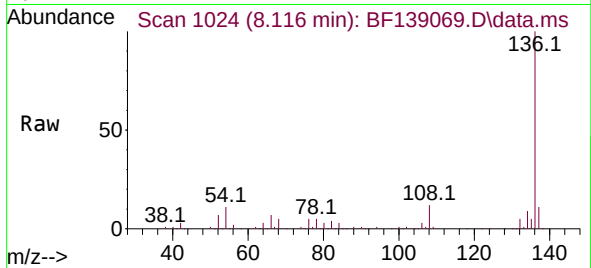
Tgt Ion:	107	Resp:	26860
Ion Ratio	Lower	Upper	
107	100		
108	88.8	68.2	108.2
77	47.4	132.1	172.1#
79	37.8	11.5	51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

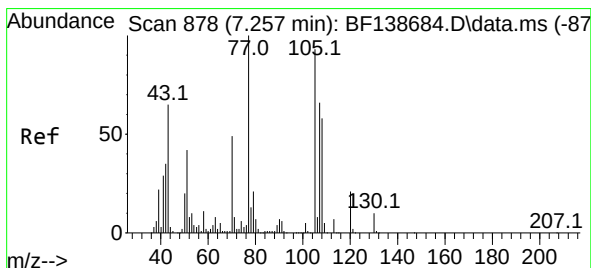
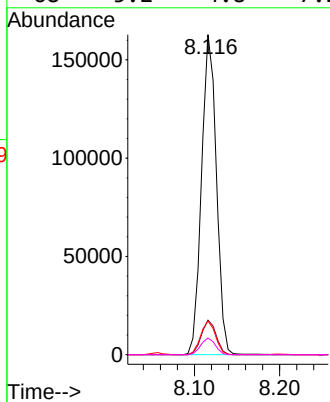
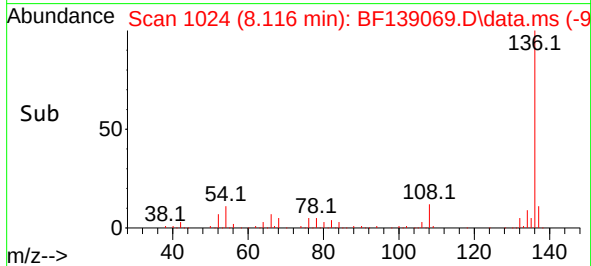


Tgt Ion:136 Resp: 19729
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.6 8.6 12.8
68 5.2 4.8 7.2

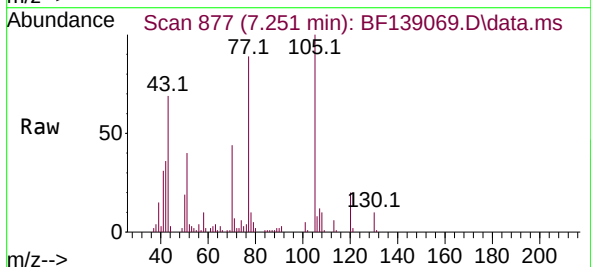
Manual Integrations
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Reviewed By :Jagrut
Upadhyay
08/20/2024

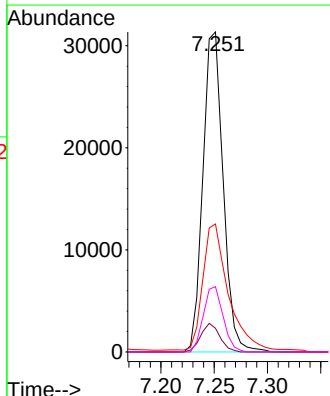
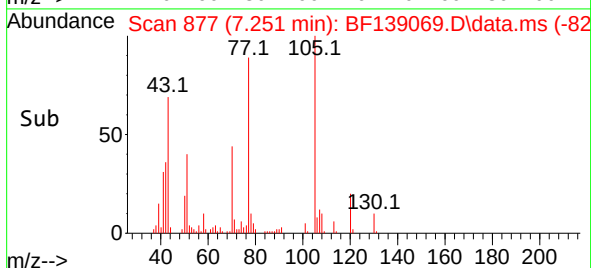
Supervised By :mohammad
ahmed
08/21/2024

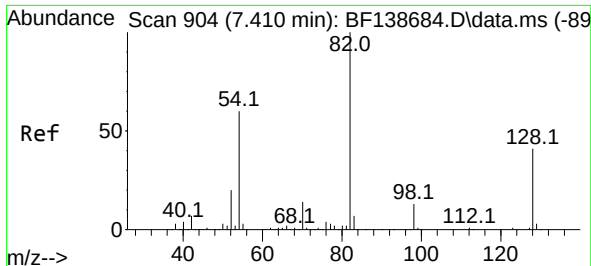


#22
Acetophenone
Concen: 8.586 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46



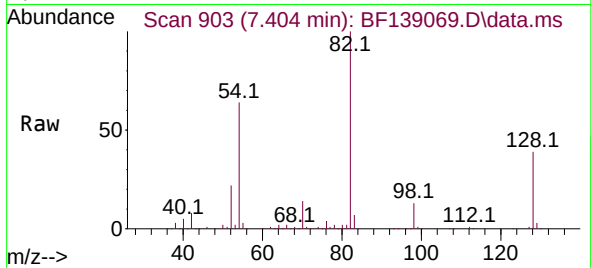
Tgt Ion:105 Resp: 41478
Ion Ratio Lower Upper
105 100
71 7.4 7.2 10.8
51 40.0 35.9 53.9
120 20.4 17.6 26.4





#23
Nitrobenzene-d5
Concen: 88.569 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

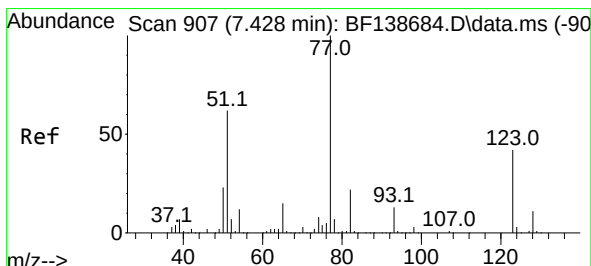
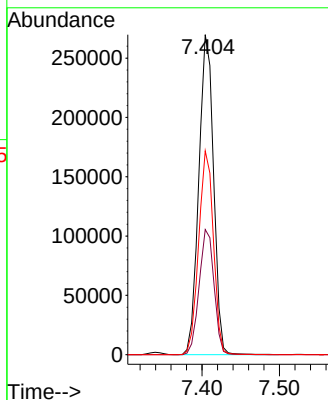
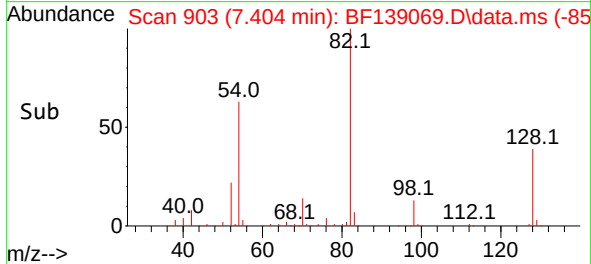


Tgt Ion: 82 Resp: 357408
Ion Ratio Lower Upper
82 100
128 39.1 32.8 49.2
54 63.7 48.3 72.5

Manual Integrations
APPROVED

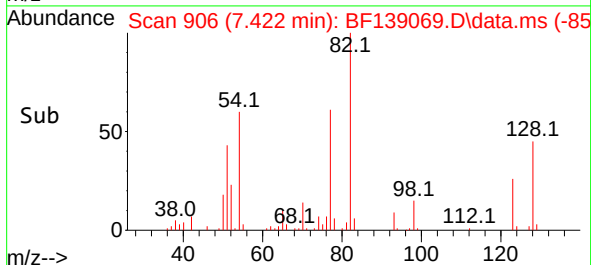
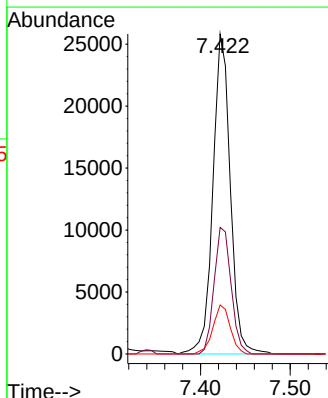
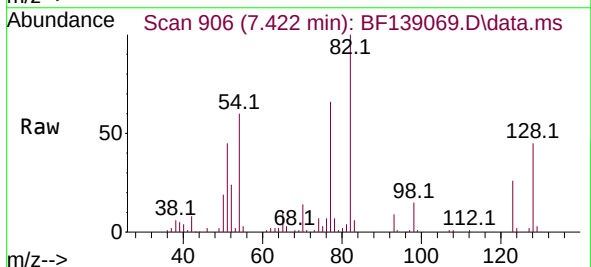
Reviewed By :Jagrut
Upadhyay
08/20/2024

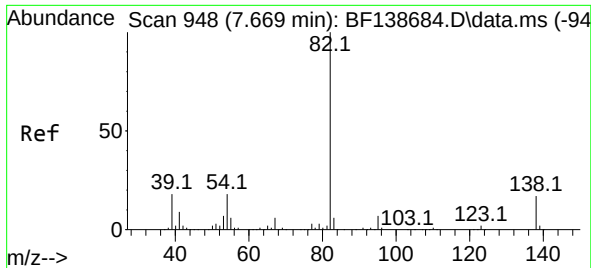
Supervised By :mohammad
ahmed
08/21/2024



#24
Nitrobenzene
Concen: 8.466 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

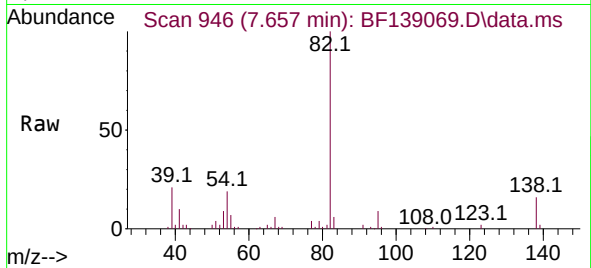
Tgt Ion: 77 Resp: 34764
Ion Ratio Lower Upper
77 100
123 39.6 33.3 49.9
65 15.3 11.9 17.9





#25
Isophorone
Concen: 8.339 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

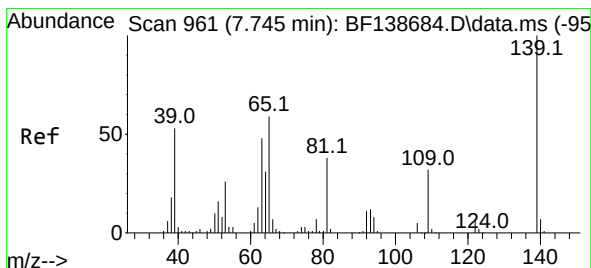
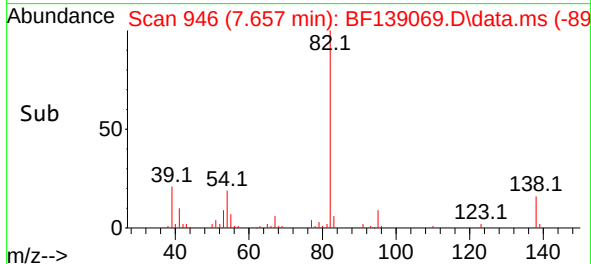
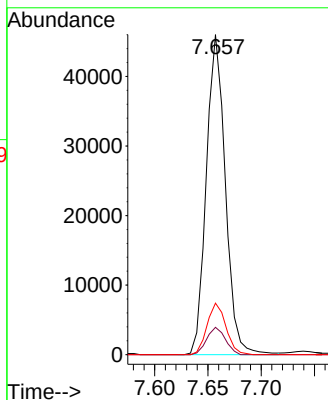


Tgt Ion: 82 Resp: 57464
Ion Ratio Lower Upper
82 100
95 8.5 5.7 8.5
138 16.1 13.7 20.5

Manual Integrations
APPROVED

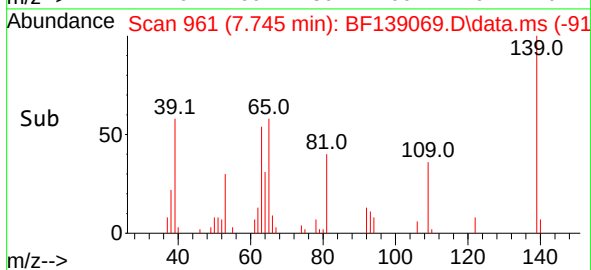
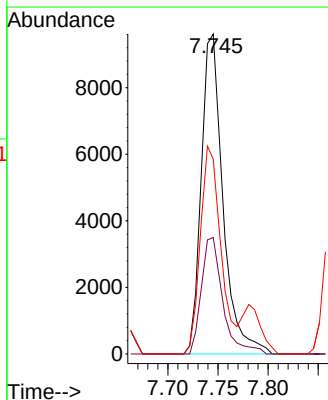
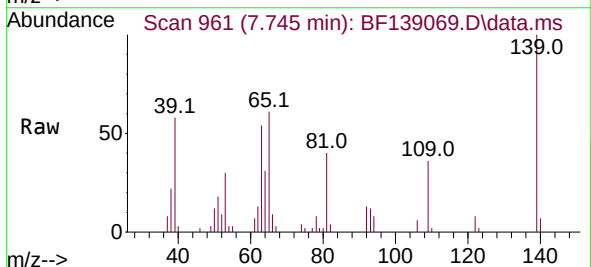
Reviewed By :Jagrut
Upadhyay
08/20/2024

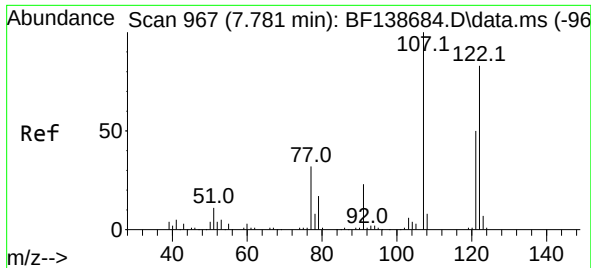
Supervised By :mohammad
ahmed
08/21/2024



#26
2-Nitrophenol
Concen: 8.212 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

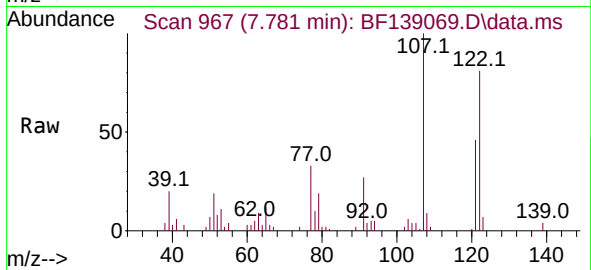
Tgt Ion:139 Resp: 14508
Ion Ratio Lower Upper
139 100
109 36.4 25.9 38.9
65 60.9 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 7.088 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

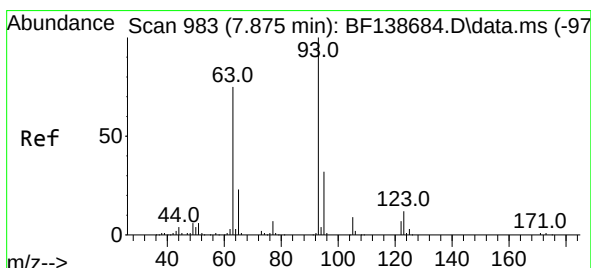
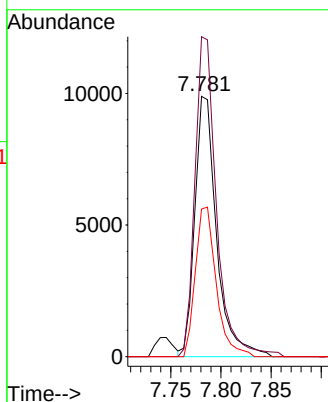
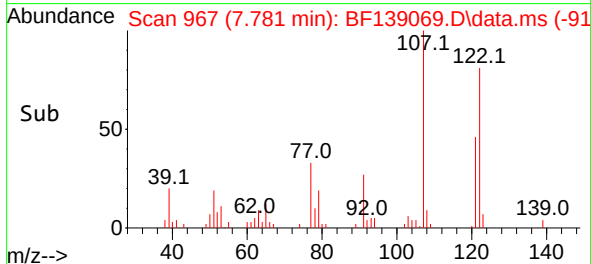


Tgt Ion:122 Resp: 1498
Ion Ratio Lower Upper
122 100
107 122.9 95.0 142.6
121 56.7 47.3 70.9

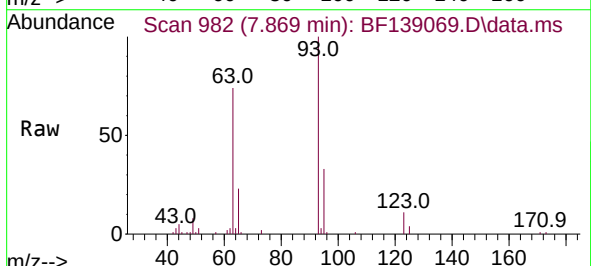
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
08/20/2024

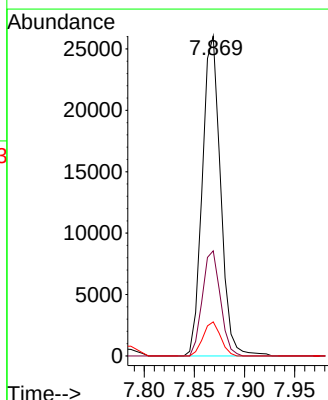
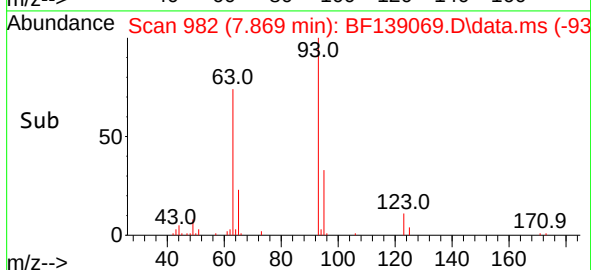
Supervised By :mohammad
ahmed
08/21/2024

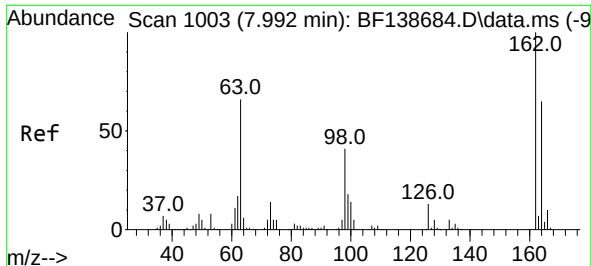


#28
bis(2-Chloroethoxy)methane
Concen: 7.888 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46



Tgt Ion: 93 Resp: 33101
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.8
123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 8.170 ng

RT: 7.998 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF139069.D

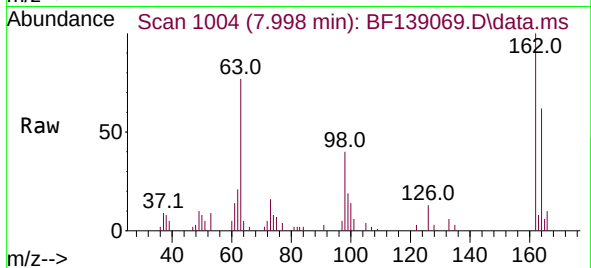
Acq: 19 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion:	162	Resp:	2219
Ion Ratio	Lower	Upper	
162	100		
164	61.6	44.7	84.7
98	40.2	20.8	60.8

Manual Integrations

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Reviewed By :Jagrut

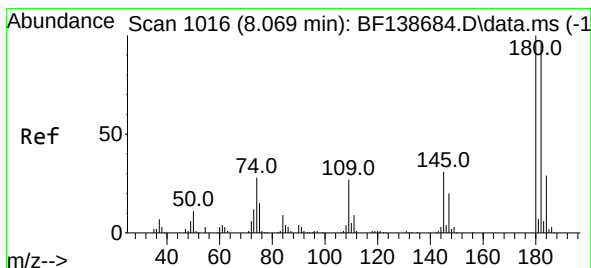
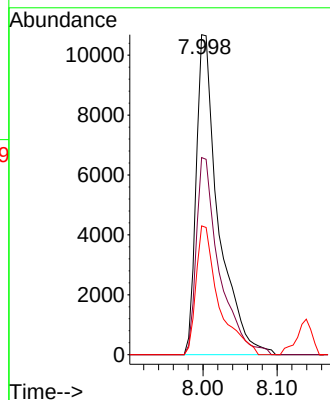
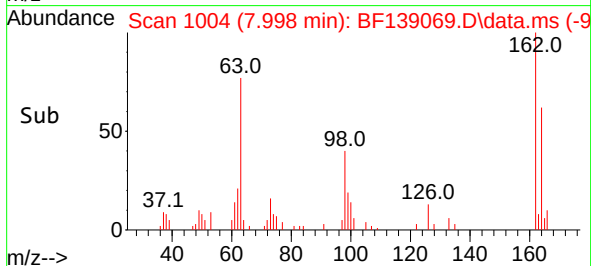
Upadhyay

08/20/2024

Supervised By :mohammad

ahmed

08/21/2024



#30

1,2,4-Trichlorobenzene

Concen: 7.823 ng

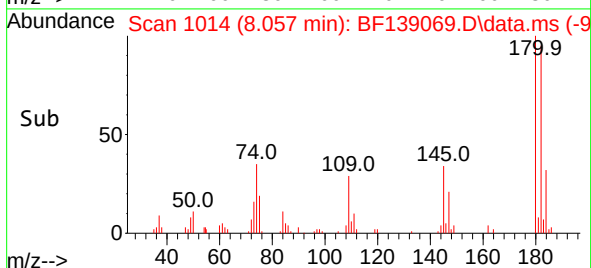
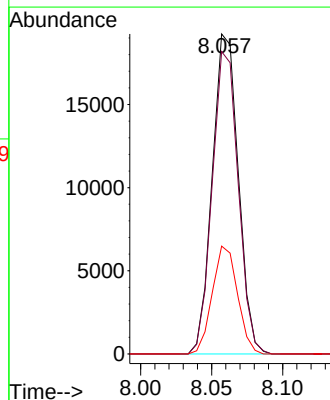
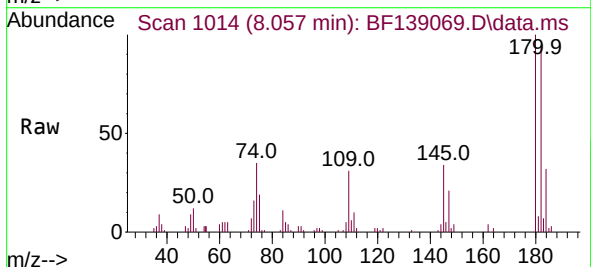
RT: 8.057 min Scan# 1014

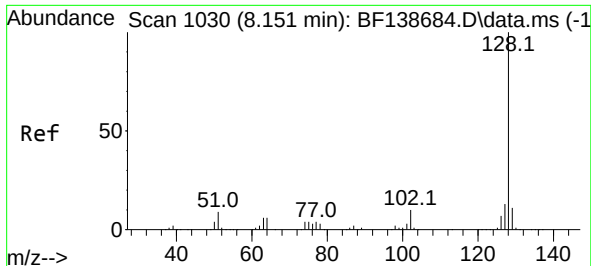
Delta R.T. -0.012 min

Lab File: BF139069.D

Acq: 19 Aug 2024 11:46

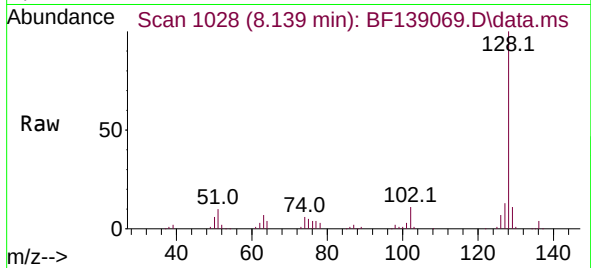
Tgt Ion:	180	Resp:	24521
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.9	115.3
145	33.7	25.0	37.4





#31
Naphthalene
Concen: 7.910 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

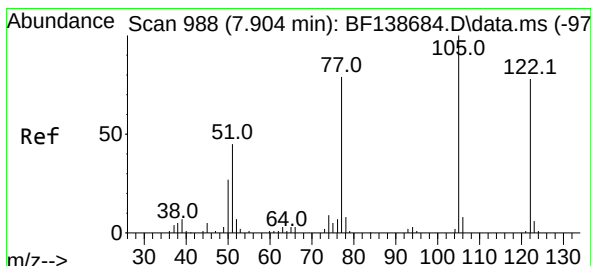
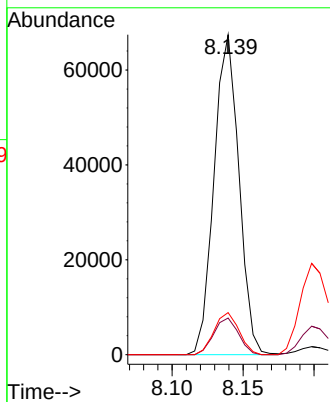
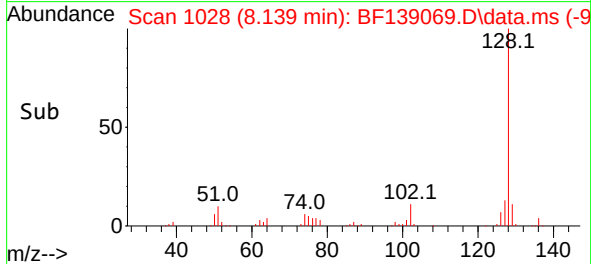


Tgt Ion:128 Resp: 8214
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.2 10.6 16.0

Manual Integrations
APPROVED

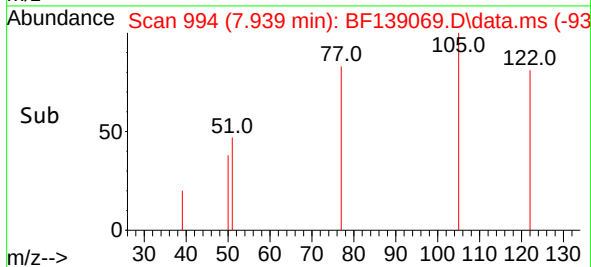
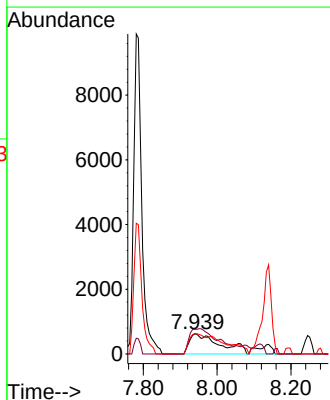
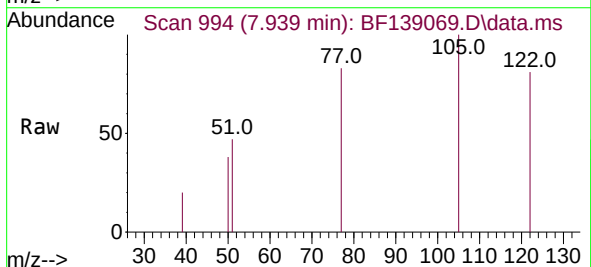
Reviewed By :Jagrut
Upadhyay
08/20/2024

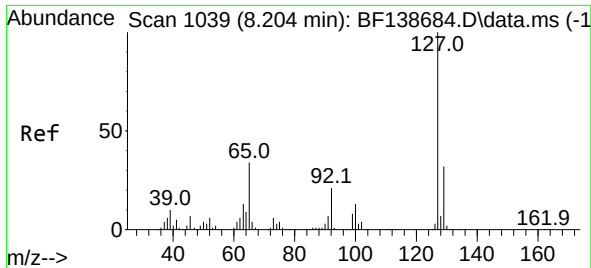
Supervised By :mohammad
ahmed
08/21/2024



#32
Benzoic acid
Concen: 2.589 ng m
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

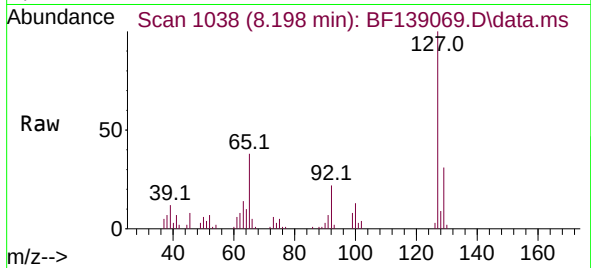
Tgt Ion:122 Resp: 4302
Ion Ratio Lower Upper
122 100
105 122.9 106.7 146.7
77 101.8 81.1 121.1





#33
4-Chloroaniline
Concen: 8.690 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

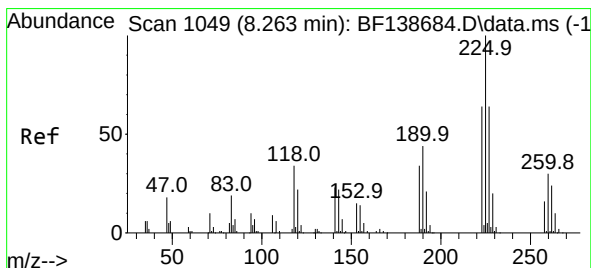
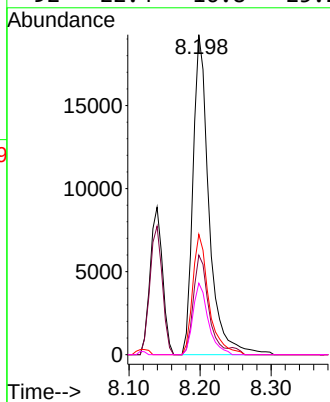
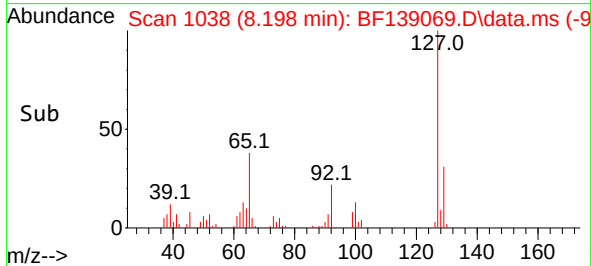


Tgt Ion:127 Resp: 30294
Ion Ratio Lower Upper
127 100
129 31.1 25.9 38.9
65 37.6 27.6 41.4
92 22.4 16.8 25.2

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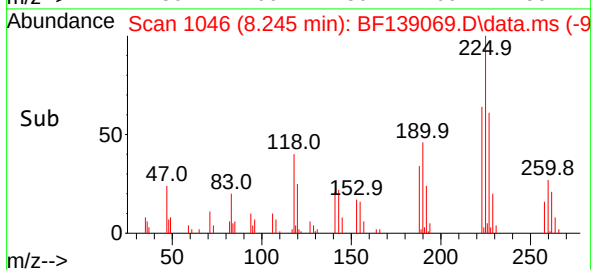
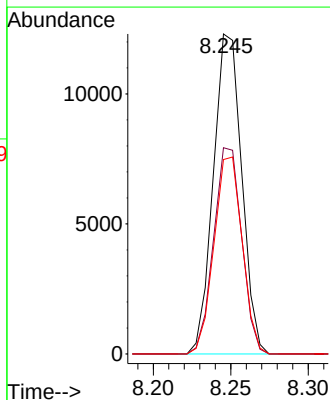
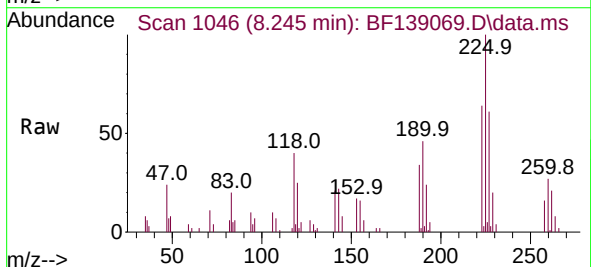
Reviewed By :Jagrut
Upadhyay
08/20/2024

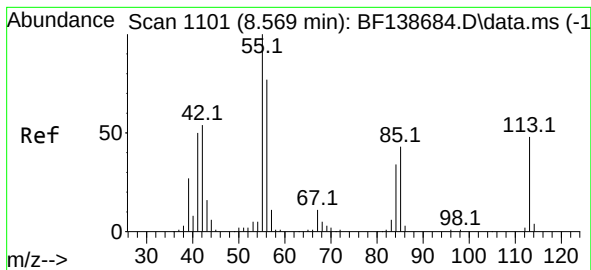
Supervised By :mohammad
ahmed
08/21/2024



#34
Hexachlorobutadiene
Concen: 8.259 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.018 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

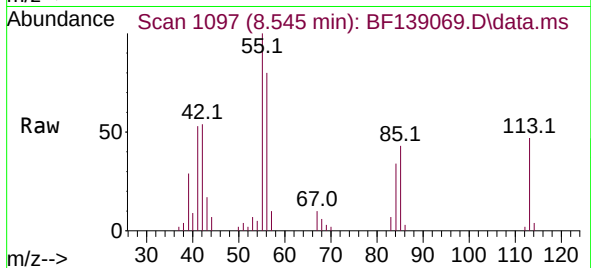
Tgt Ion:225 Resp: 15681
Ion Ratio Lower Upper
225 100
223 64.5 51.2 76.8
227 60.8 51.1 76.7





#35
Caprolactam
Concen: 8.429 ng
RT: 8.545 min Scan# 1097
Delta R.T. -0.024 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

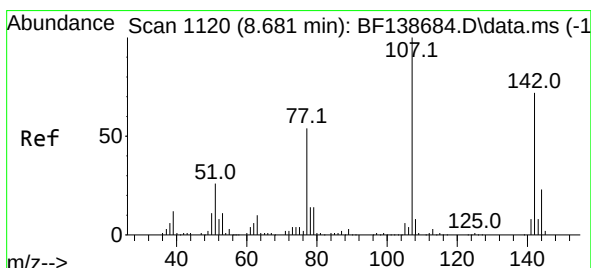
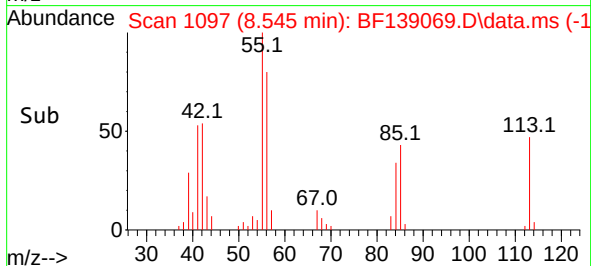
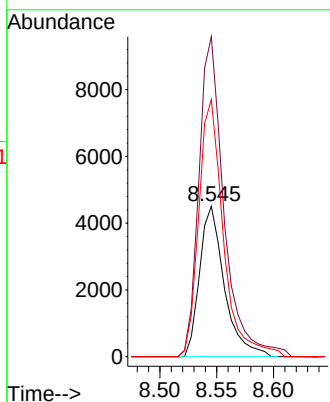


Tgt Ion:113 Resp: 683
Ion Ratio Lower Upper
113 100
55 212.8 186.7 226.7
56 171.0 138.9 178.9

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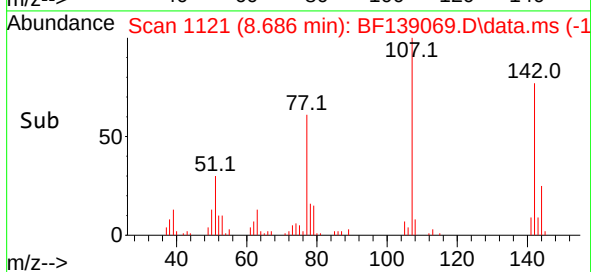
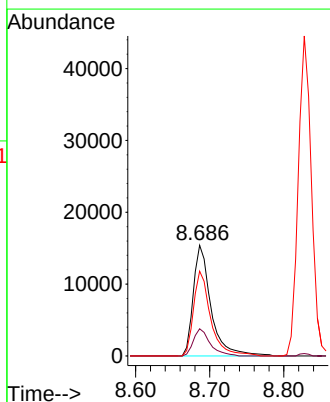
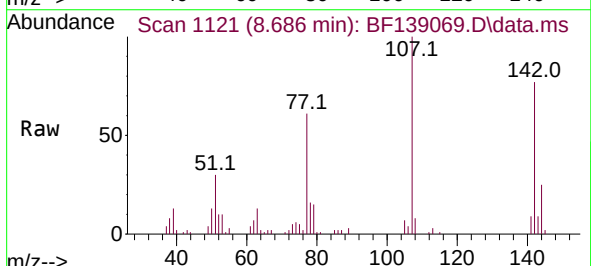
Reviewed By :Jagrut
Upadhyay
08/20/2024

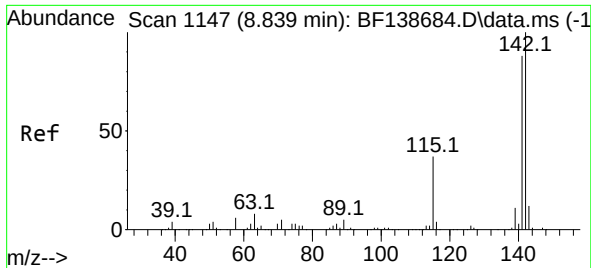
Supervised By :mohammad
ahmed
08/21/2024



#36
4-Chloro-3-methylphenol
Concen: 8.236 ng
RT: 8.686 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Tgt Ion:107 Resp: 25565
Ion Ratio Lower Upper
107 100
144 24.6 18.2 27.2
142 76.6 57.4 86.2





#37
2-Methylnaphthalene
Concen: 8.384 ng
RT: 8.828 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

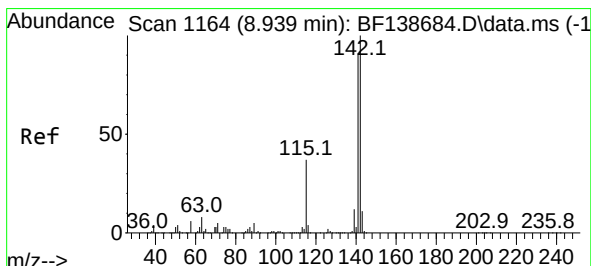
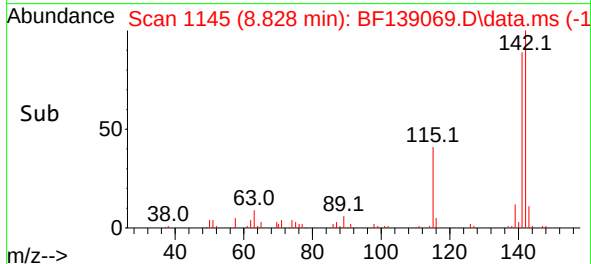
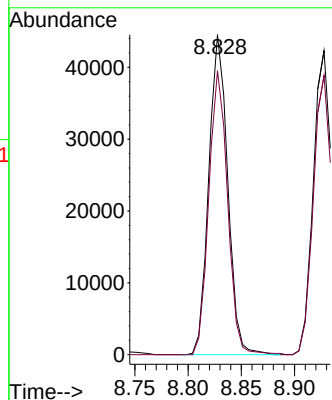
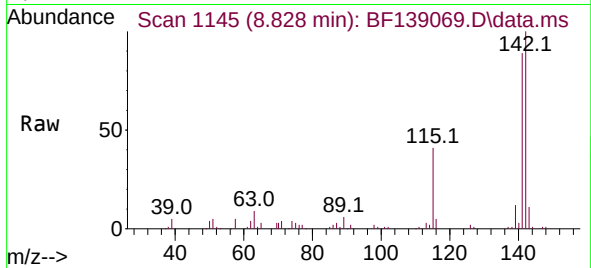
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion:142 Resp: 5498
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2

Manual Integrations
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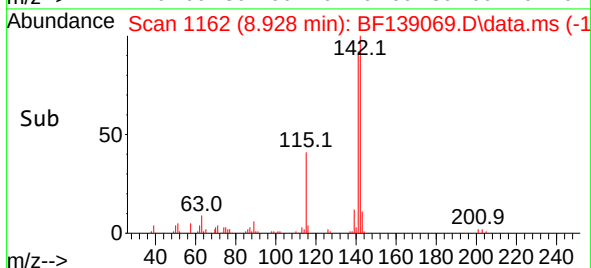
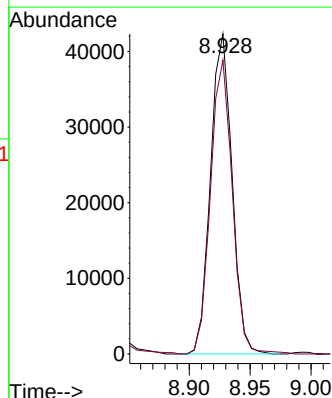
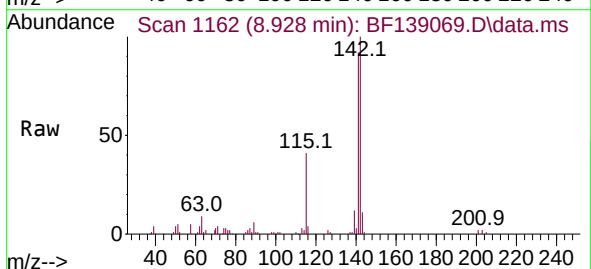
Reviewed By :Jagrut
Upadhyay
08/20/2024

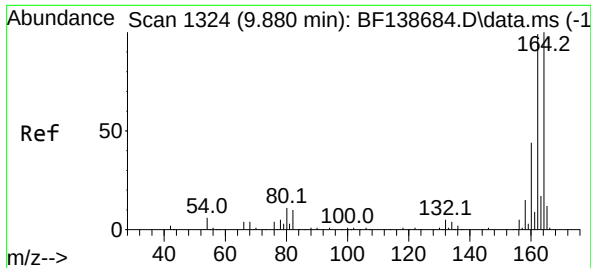
Supervised By :mohammad
ahmed
08/21/2024



#38
1-Methylnaphthalene
Concen: 8.107 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

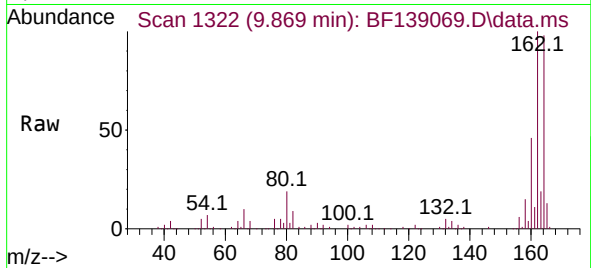
Tgt Ion:142 Resp: 52104
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. -0.011 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

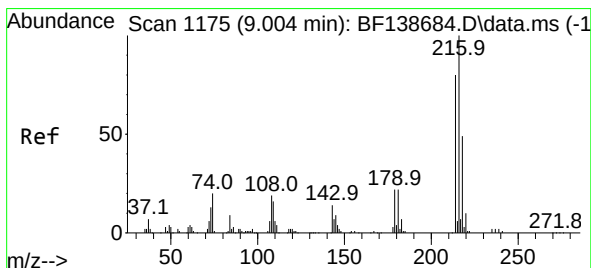
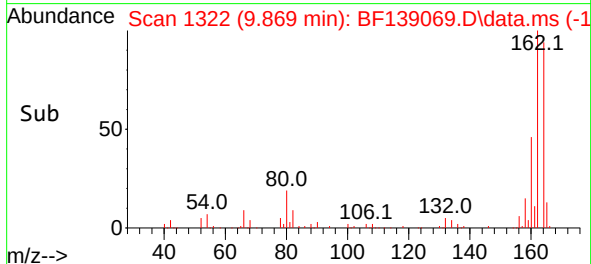
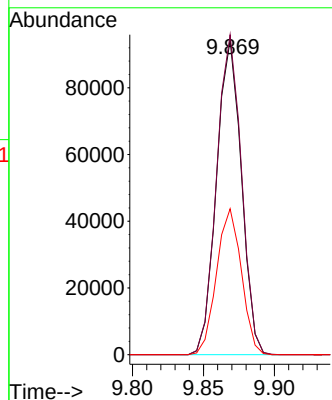


Tgt Ion:164 Resp: 11437
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.0
160 46.4 35.1 52.7

Manual Integrations
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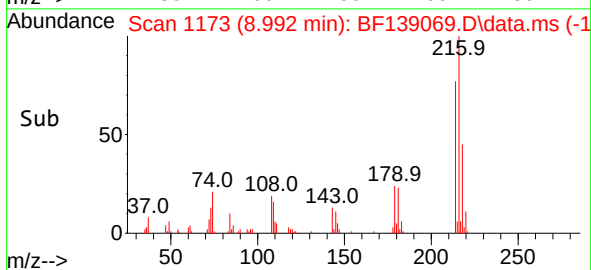
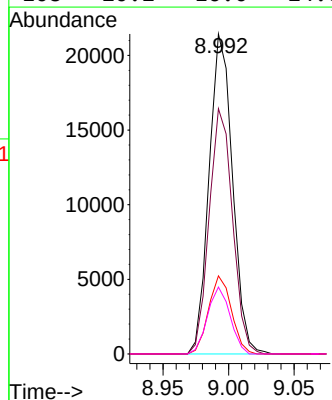
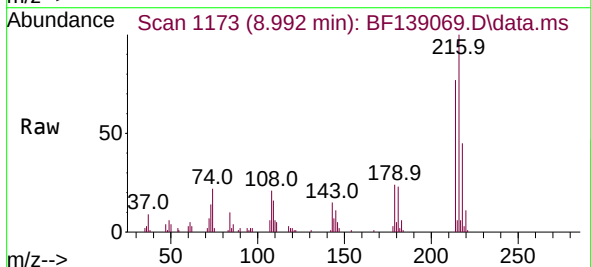
Reviewed By :Jagrut
Upadhyay
08/20/2024

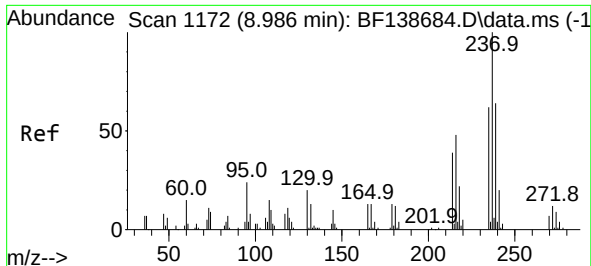
Supervised By :mohammad
ahmed
08/21/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.382 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

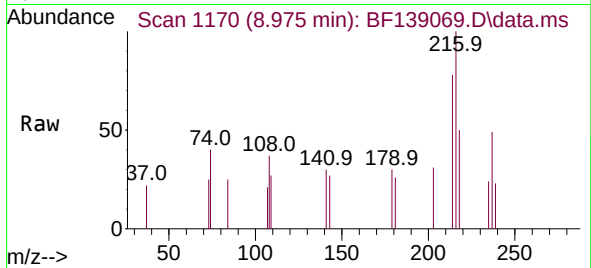
Tgt Ion:216 Resp: 26631
Ion Ratio Lower Upper
216 100
214 76.5 63.9 95.9
179 23.9 17.8 26.6
108 20.2 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 7.336 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

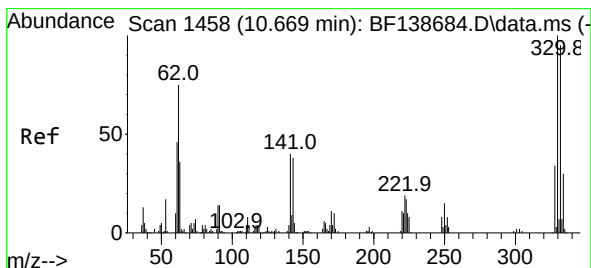
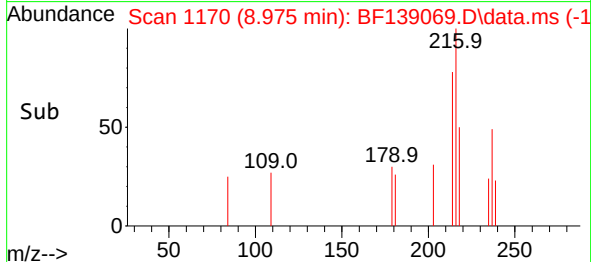
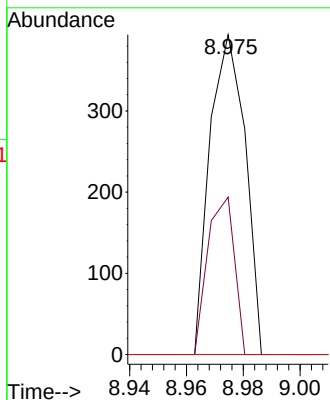


Tgt Ion:237 Resp: 34.2
Ion Ratio Lower Upper
237 100
235 49.2 41.8 81.8
272 0.0 0.0 32.2

Manual Integrations
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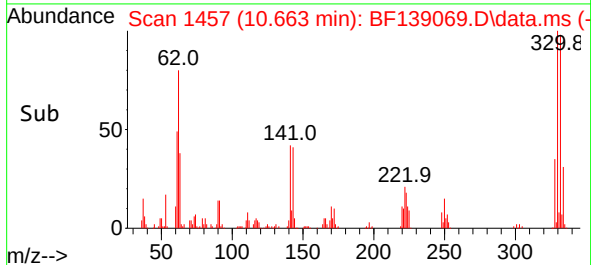
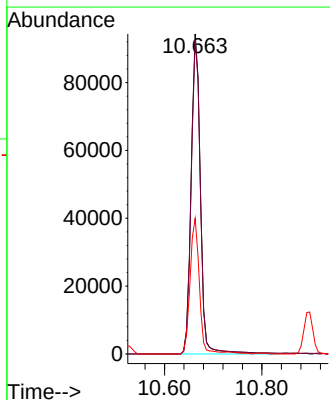
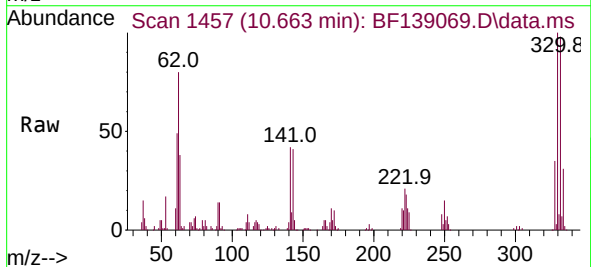
Reviewed By :Jagrut
Upadhyay
08/20/2024

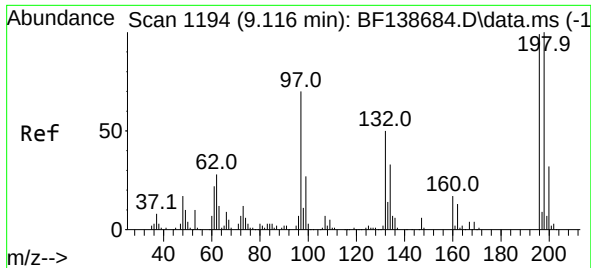
Supervised By :mohammad
ahmed
08/21/2024



#42
2,4,6-Tribromophenol
Concen: 133.230 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Tgt Ion:330 Resp: 124819
Ion Ratio Lower Upper
330 100
332 98.1 76.4 114.6
141 41.8 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 7.122 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

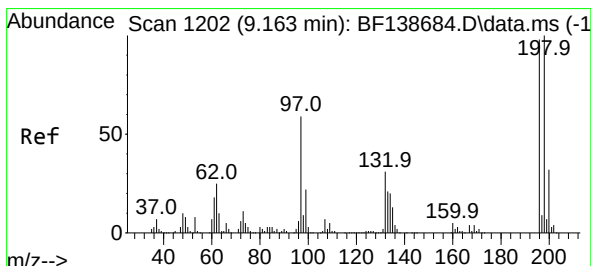
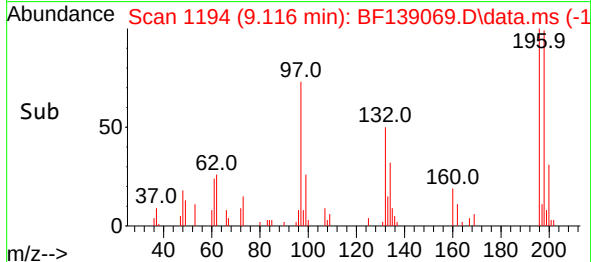
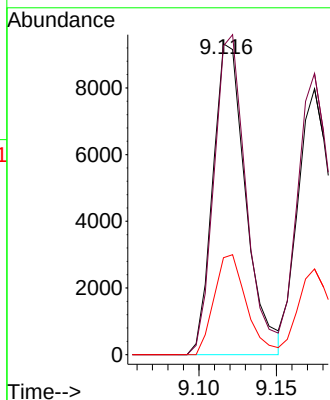
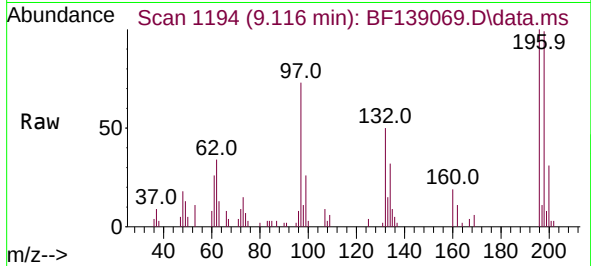
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion:196 Resp: 13790
Ion Ratio Lower Upper
196 100
198 99.3 80.5 120.7
200 31.2 25.9 38.9

Manual Integrations
APPROVED

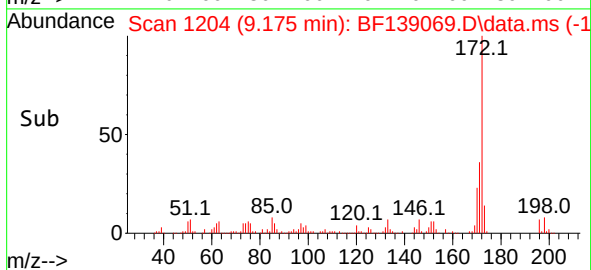
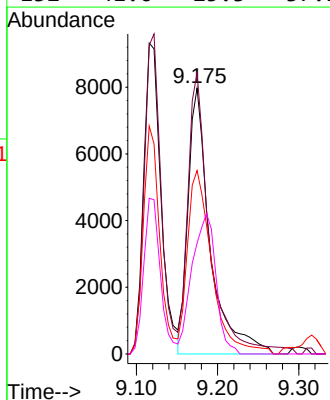
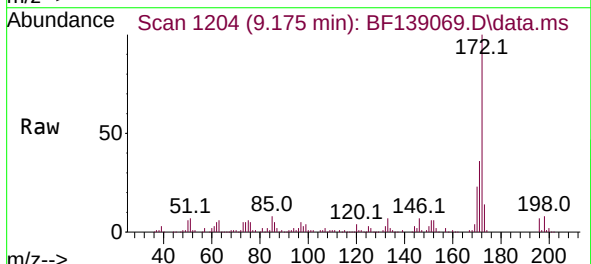
Reviewed By :Jagrut
Upadhyay
08/20/2024

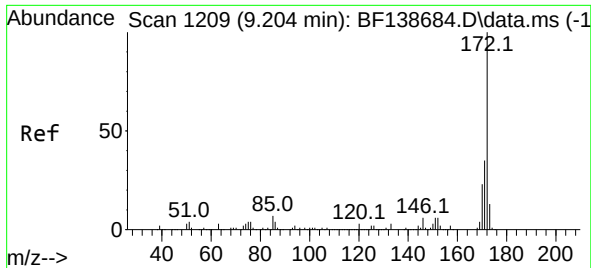
Supervised By :mohammad
ahmed
08/21/2024



#44
2,4,5-Trichlorophenol
Concen: 7.147 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

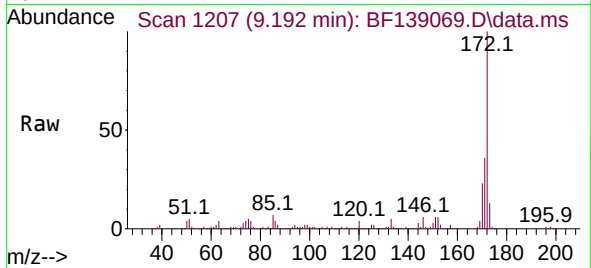
Tgt Ion:196 Resp: 15136
Ion Ratio Lower Upper
196 100
198 105.8 81.2 121.8
97 68.9 47.8 71.6
132 41.6 25.3 37.9#





#45
2-Fluorobiphenyl
Concen: 89.626 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

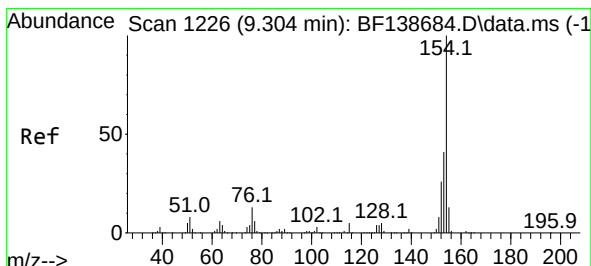
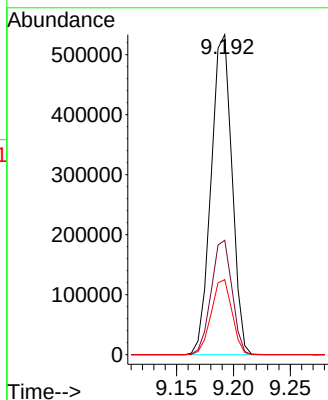
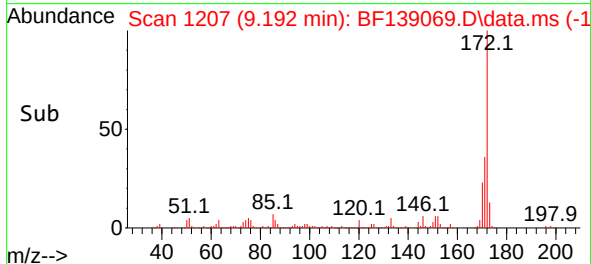


Tgt Ion:172 Resp: 68225
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.4 18.8 28.2

Manual Integrations
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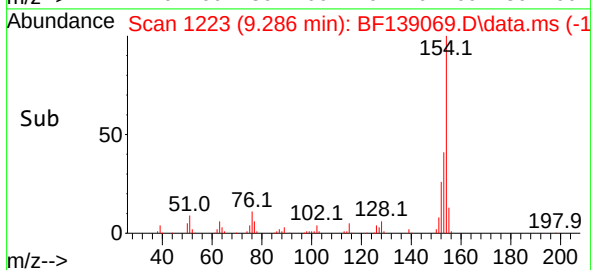
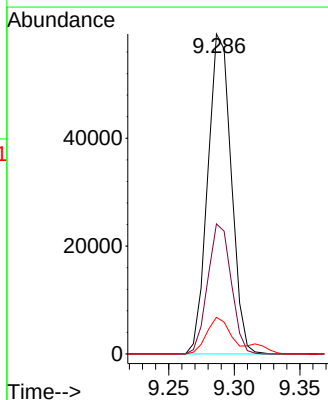
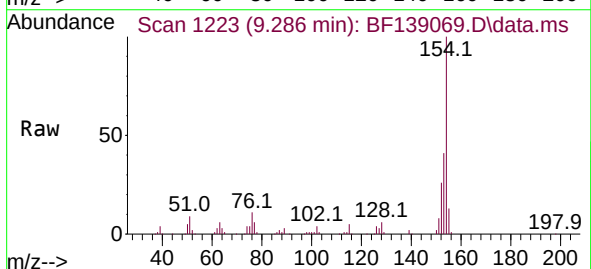
Reviewed By :Jagrut
Upadhyay
08/20/2024

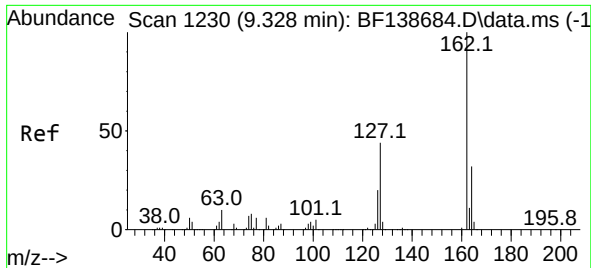
Supervised By :mohammad
ahmed
08/21/2024



#46
1,1'-Biphenyl
Concen: 8.244 ng
RT: 9.286 min Scan# 1223
Delta R.T. -0.018 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

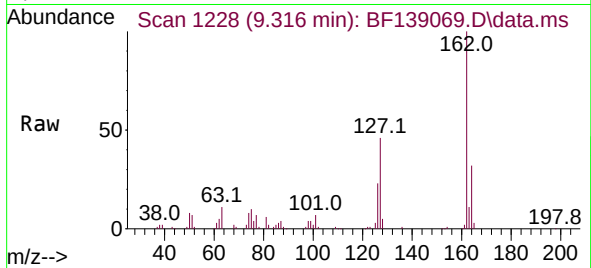
Tgt Ion:154 Resp: 73847
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 11.5 0.0 32.8





#47
2-Chloronaphthalene
Concen: 7.890 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument : BNA_F
ClientSampleId : MDL-SOIL-03-QT3-2024

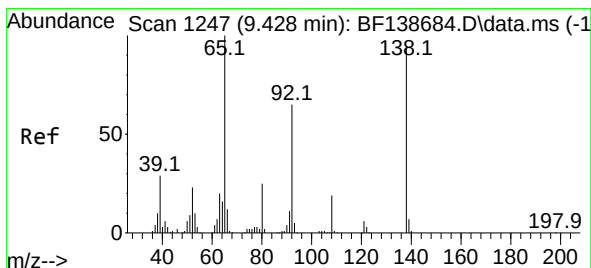
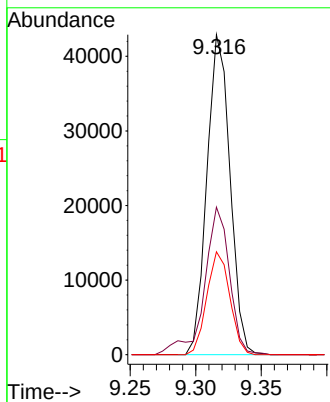
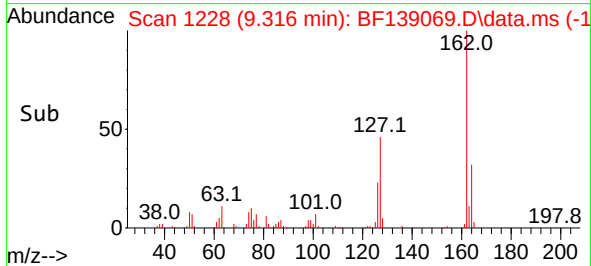


Tgt Ion:162 Resp: 5256
Ion Ratio Lower Upper
162 100
127 46.1 35.4 53.2
164 32.2 25.6 38.4

Manual Integrations
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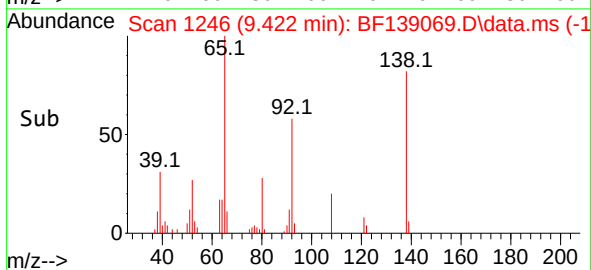
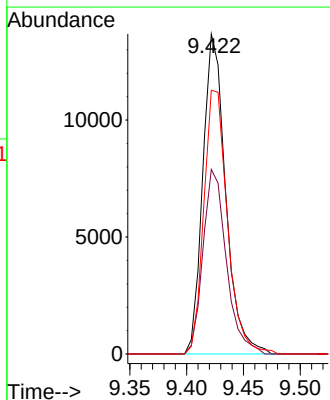
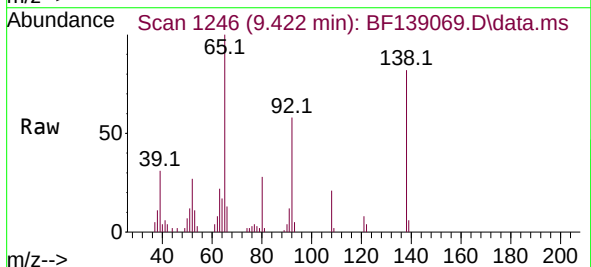
Reviewed By :Jagrut
Upadhyay
08/20/2024

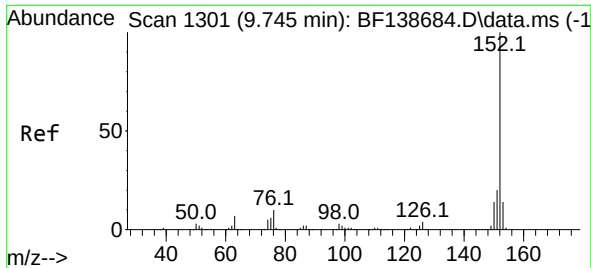
Supervised By :mohammad
ahmed
08/21/2024



#48
2-Nitroaniline
Concen: 8.454 ng
RT: 9.422 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

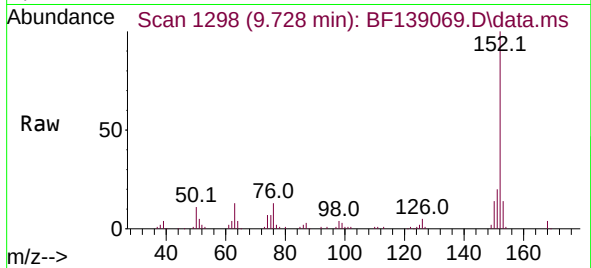
Tgt Ion: 65 Resp: 19093
Ion Ratio Lower Upper
65 100
92 57.6 52.0 78.0
138 82.4 76.2 114.4





#49
Acenaphthylene
Concen: 8.641 ng
RT: 9.728 min Scan# 1298
Delta R.T. -0.018 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument : BNA_F
ClientSampleId : MDL-SOIL-03-QT3-2024

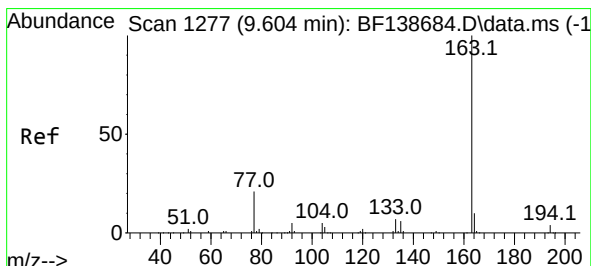
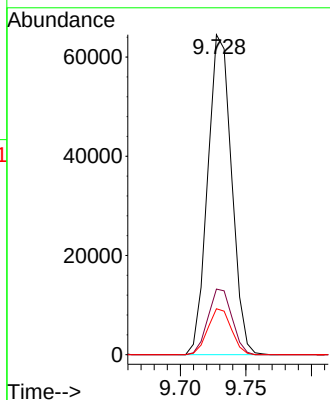
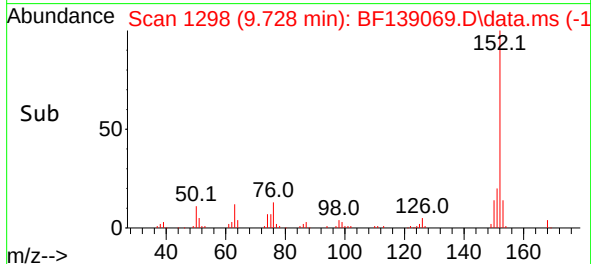


Tgt Ion:152 Resp: 81640
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 14.4 11.0 16.4

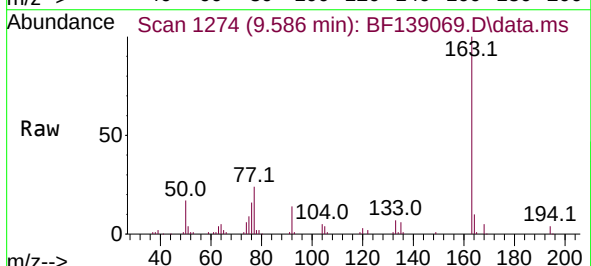
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
08/20/2024

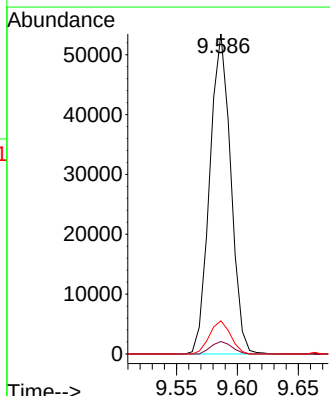
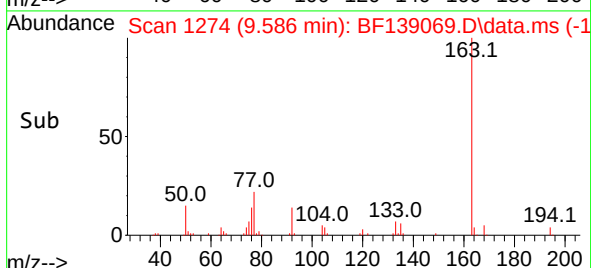
Supervised By :mohammad
ahmed
08/21/2024

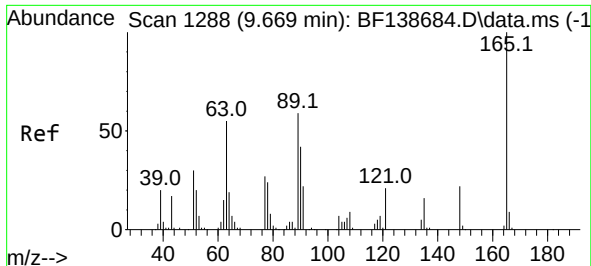


#50
Dimethylphthalate
Concen: 8.756 ng
RT: 9.586 min Scan# 1274
Delta R.T. -0.018 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46



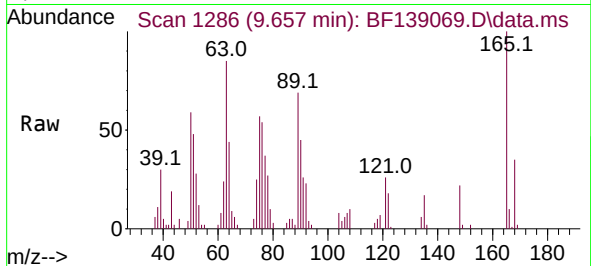
Tgt Ion:163 Resp: 64033
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 8.080 ng
RT: 9.657 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

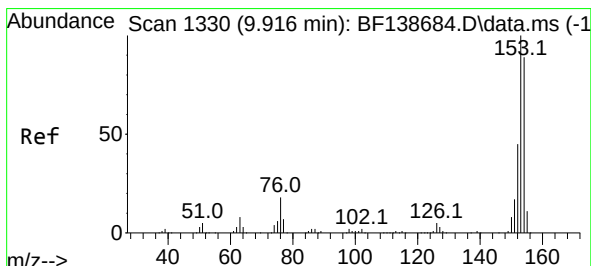
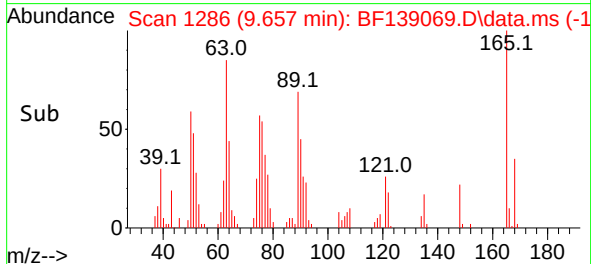
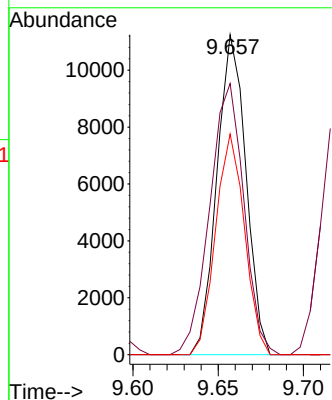


Tgt Ion:165 Resp: 1333
Ion Ratio Lower Upper
165 100
63 84.8 52.0 78.0
89 69.0 47.0 70.6

Manual Integrations
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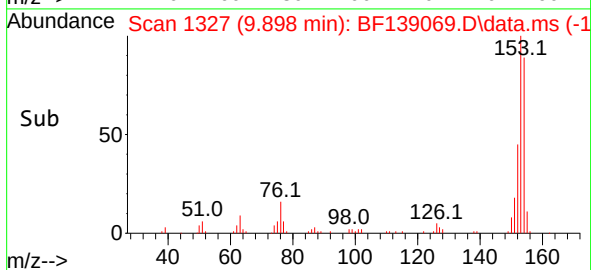
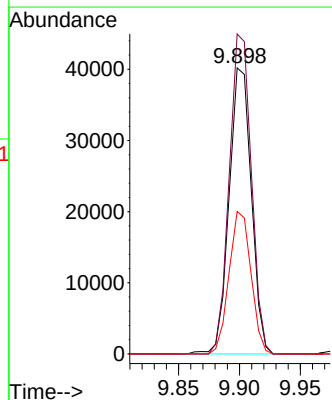
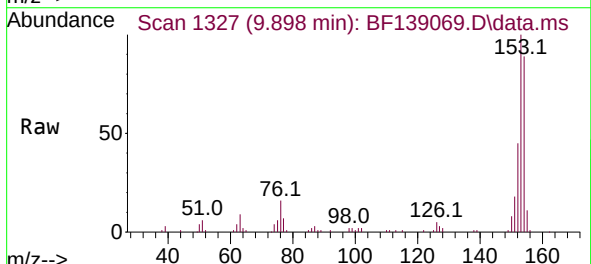
Reviewed By :Jagrut
Upadhyay
08/20/2024

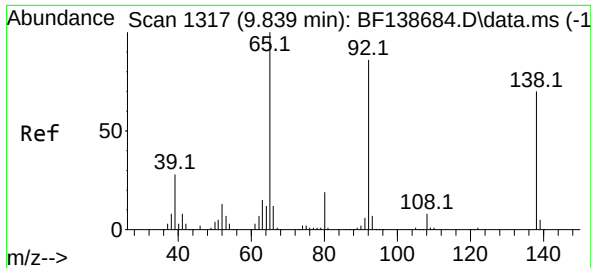
Supervised By :mohammad
ahmed
08/21/2024



#52
Acenaphthene
Concen: 8.031 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

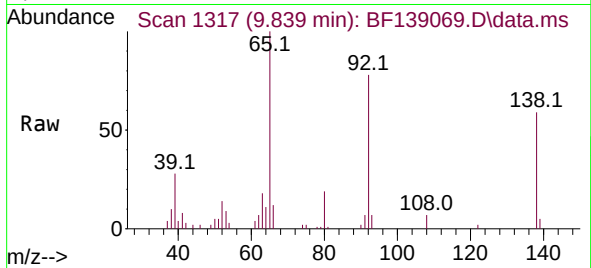
Tgt Ion:154 Resp: 51010
Ion Ratio Lower Upper
154 100
153 111.9 89.9 134.9
152 49.9 40.6 60.8





#53
3-Nitroaniline
Concen: 7.680 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

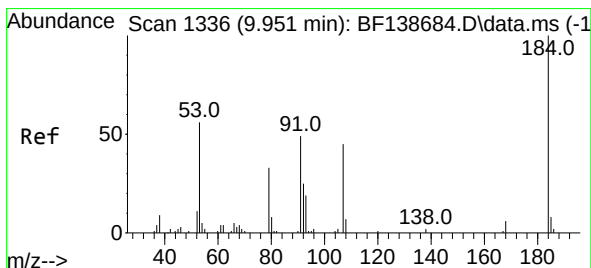
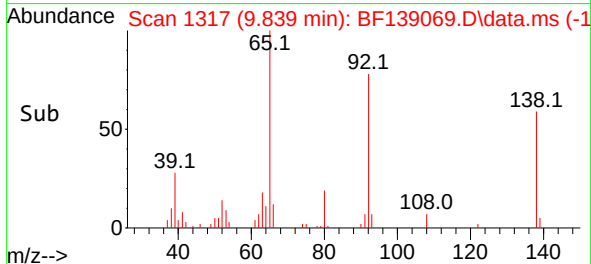
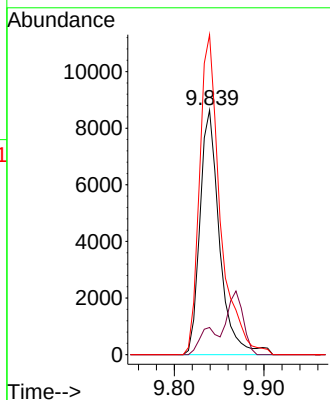


Tgt Ion:138 Resp: 1310
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 130.8 98.7 148.1

Manual Integrations
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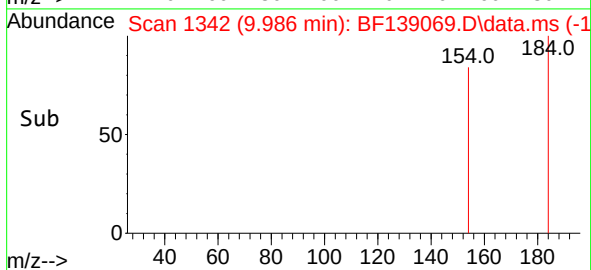
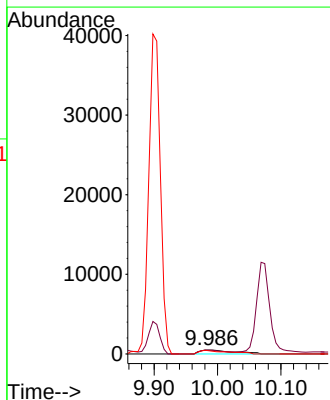
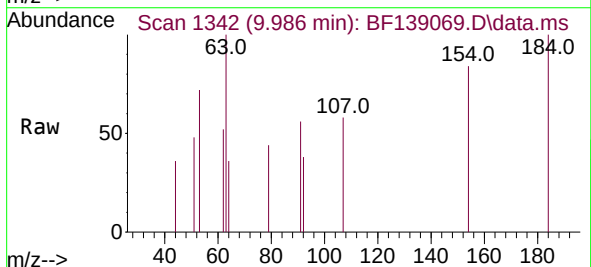
Reviewed By :Jagrut
Upadhyay
08/20/2024

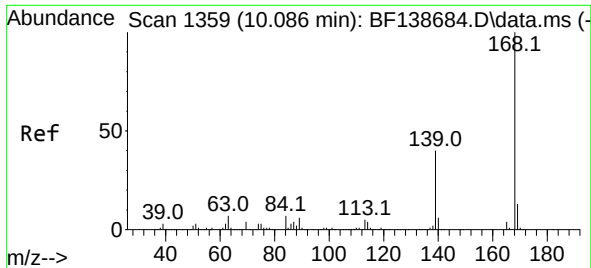
Supervised By :mohammad
ahmed
08/21/2024



#54
2,4-Dinitrophenol
Concen: 2.397 ng m
RT: 9.986 min Scan# 1342
Delta R.T. 0.035 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

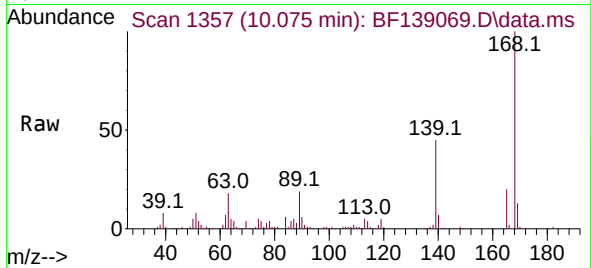
Tgt Ion:184 Resp: 1821
Ion Ratio Lower Upper
184 100
63 100.2 57.5 86.3#
154 84.5 51.7 77.5#





#55
Dibenzenofuran
Concen: 8.537 ng
RT: 10.075 min Scan# 1359
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument : BNA_F
ClientSampleId : MDL-SOIL-03-QT3-2024

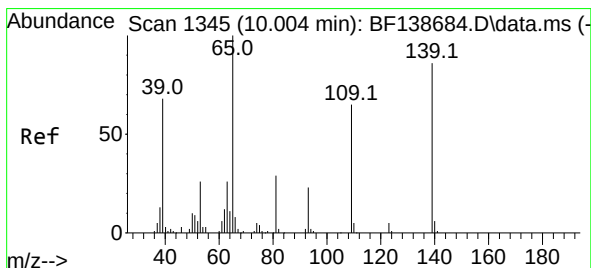
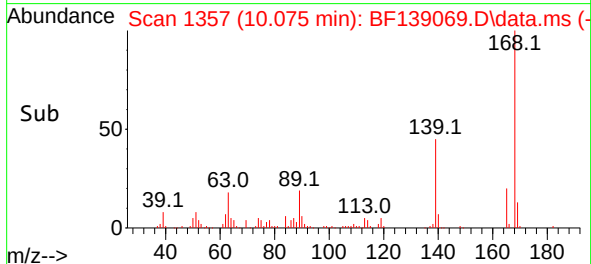
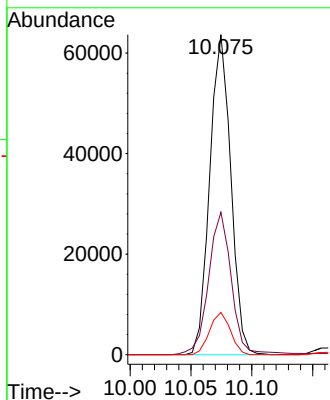


Tgt Ion:168 Resp: 76538
Ion Ratio Lower Upper
168 100
139 44.5 32.6 49.0
169 13.2 10.7 16.1

Manual Integrations
APPROVED

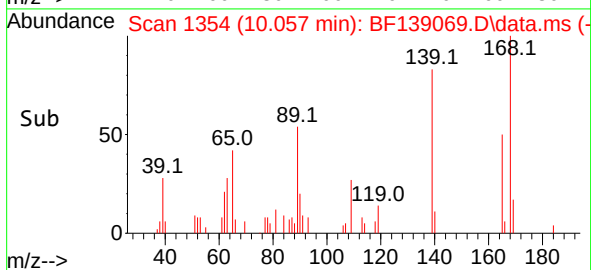
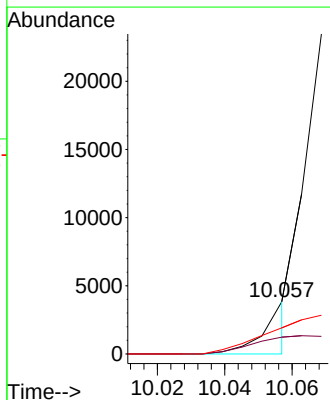
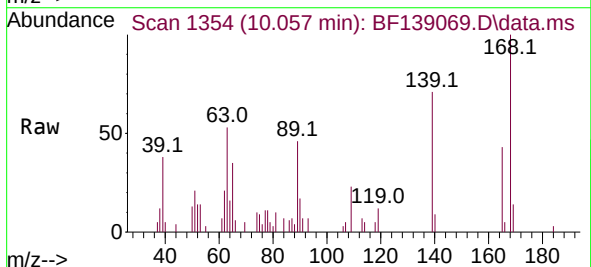
Reviewed By :Jagrut
Upadhyay
08/20/2024

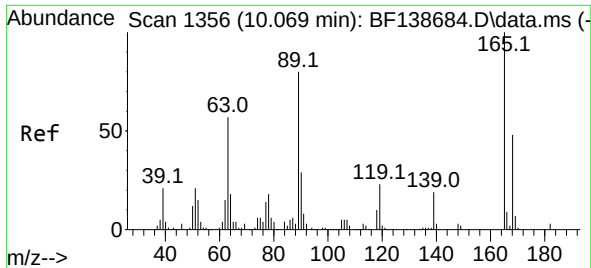
Supervised By :mohammad
ahmed
08/21/2024



#56
4-Nitrophenol
Concen: 2.016 ng m
RT: 10.057 min Scan# 1354
Delta R.T. 0.053 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

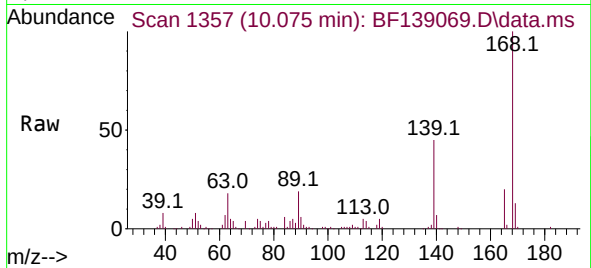
Tgt Ion:139 Resp: 2068
Ion Ratio Lower Upper
139 100
109 32.3 55.5 95.5#
65 49.9 96.7 136.7#





#57
2,4-Dinitrotoluene
Concen: 8.389 ng
RT: 10.075 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

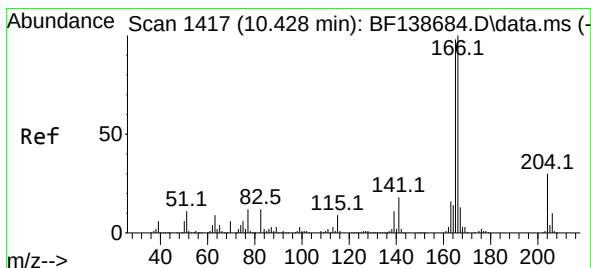
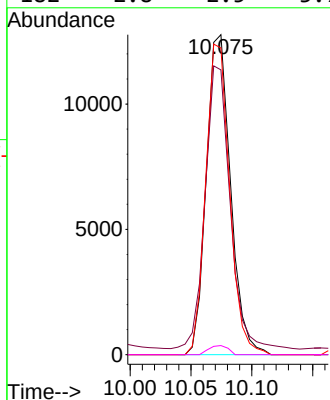


Tgt Ion:165 Resp: 1766
Ion Ratio Lower Upper
165 100
63 89.0 46.3 69.5
89 95.9 64.2 96.4
182 2.8 2.5 3.7

Manual Integrations
APPROVED

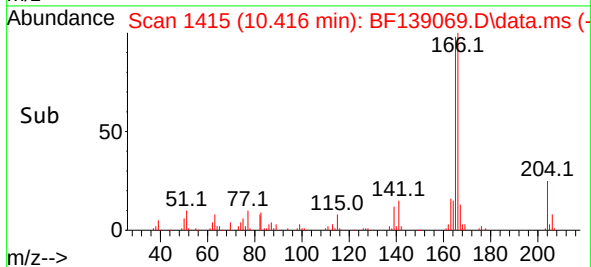
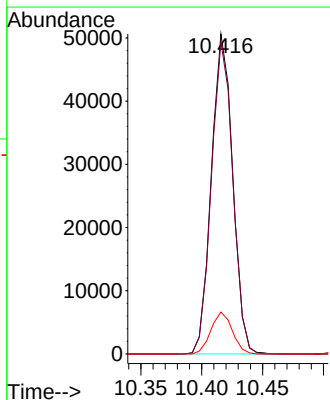
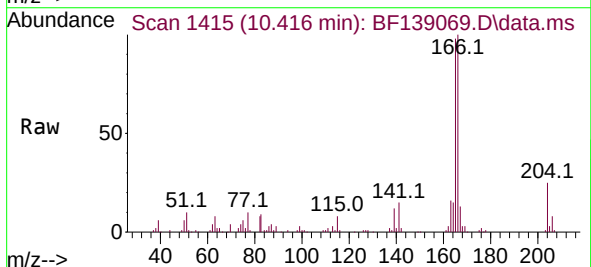
Reviewed By :Jagrut
Upadhyay
08/20/2024

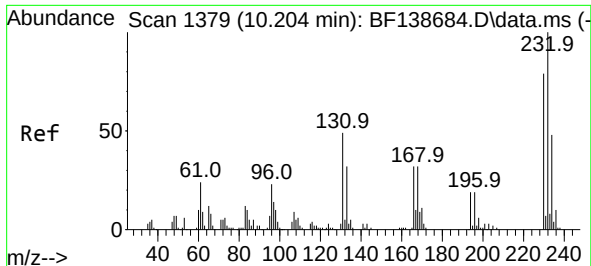
Supervised By :mohammad
ahmed
08/21/2024



#58
Fluorene
Concen: 8.618 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

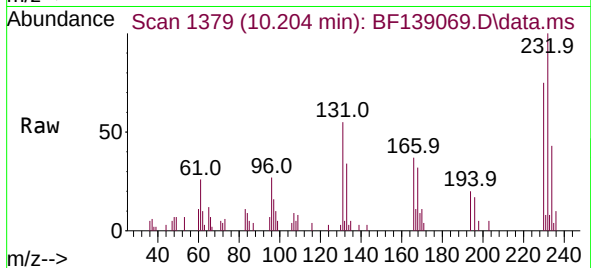
Tgt Ion:166 Resp: 61530
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 13.1 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.931 ng m
RT: 10.204 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

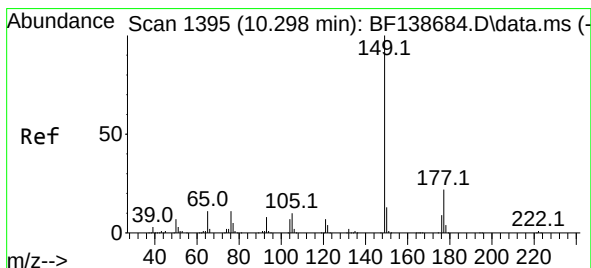
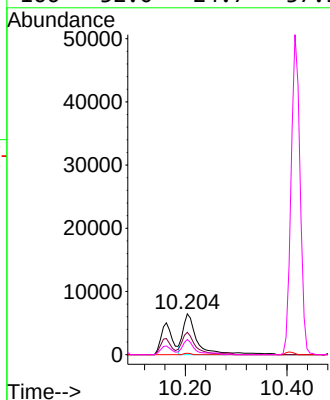
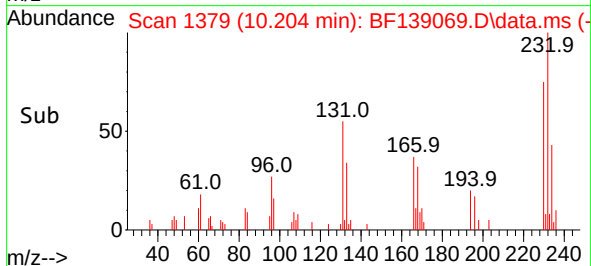


Tgt Ion:232 Resp: 12840
Ion Ratio Lower Upper
232 100
131 44.7 37.0 55.4
130 1.6 2.0 3.0
166 32.0 24.7 37.1

Manual Integrations
APPROVED

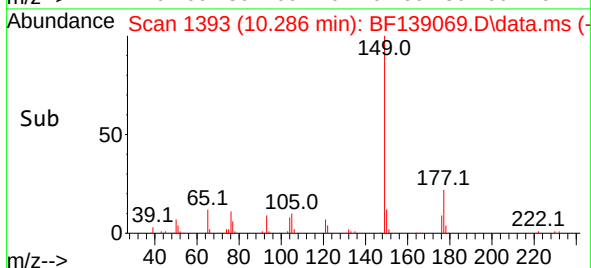
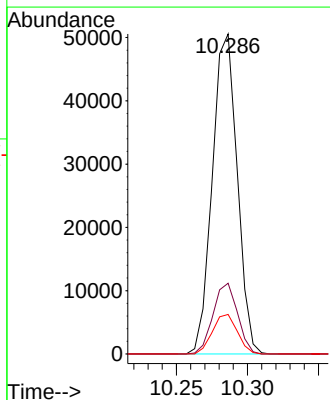
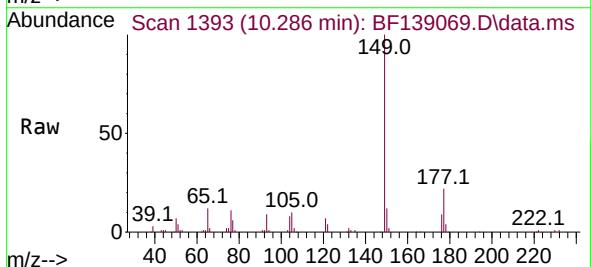
Reviewed By :Jagrut
Upadhyay
08/20/2024

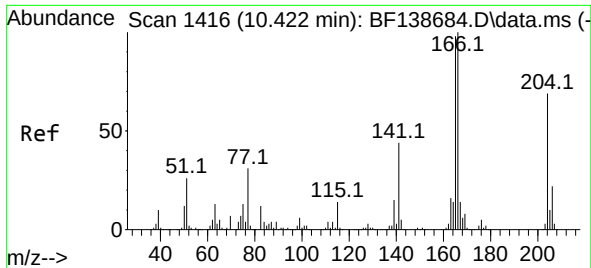
Supervised By :mohammad
ahmed
08/21/2024



#60
Diethylphthalate
Concen: 8.879 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

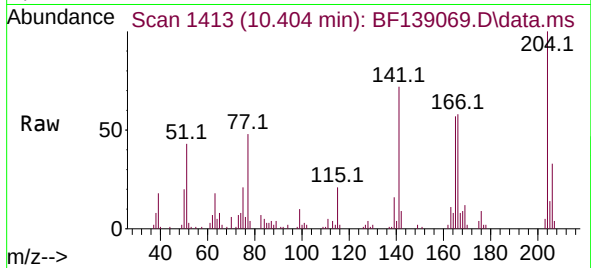
Tgt Ion:149 Resp: 61568
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.8
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 8.491 ng
RT: 10.404 min Scan# 1416
Delta R.T. -0.018 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

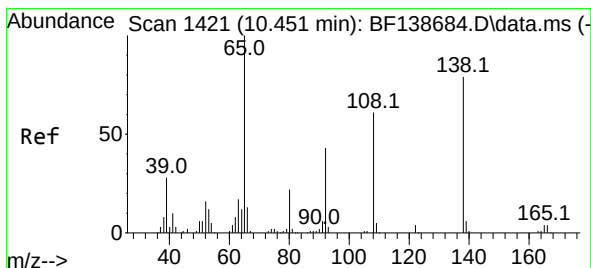
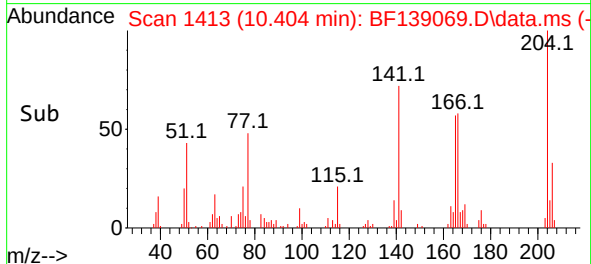
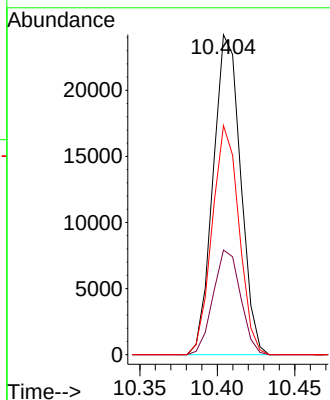


Tgt Ion:204 Resp: 29818
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 71.6 51.4 77.0

Manual Integrations
APPROVED

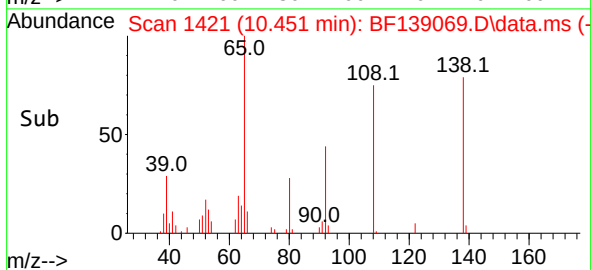
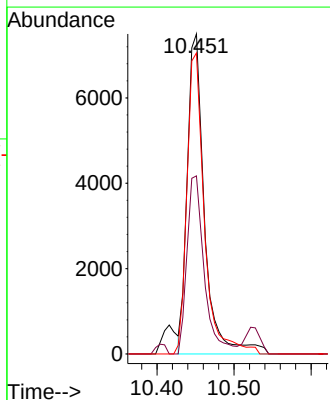
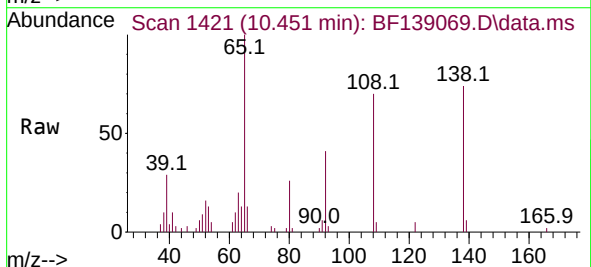
Reviewed By :Jagrut
Upadhyay
08/20/2024

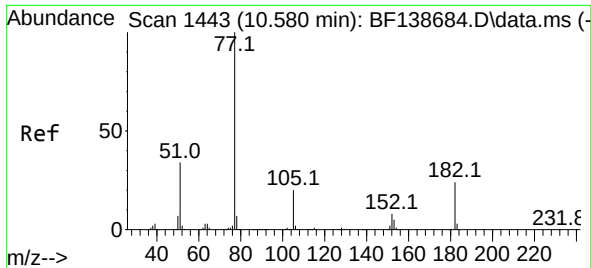
Supervised By :mohammad
ahmed
08/21/2024



#62
4-Nitroaniline
Concen: 7.183 ng m
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

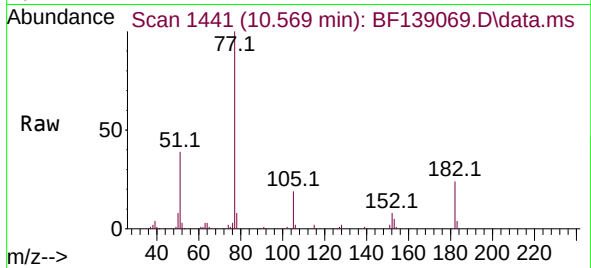
Tgt Ion:138 Resp: 11646
Ion Ratio Lower Upper
138 100
92 55.6 34.2 74.2
108 94.0 56.2 96.2





#63
Azobenzene
Concen: 8.713 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

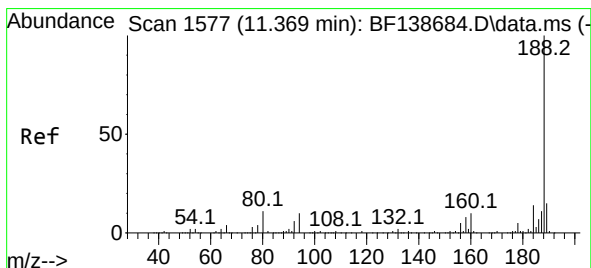
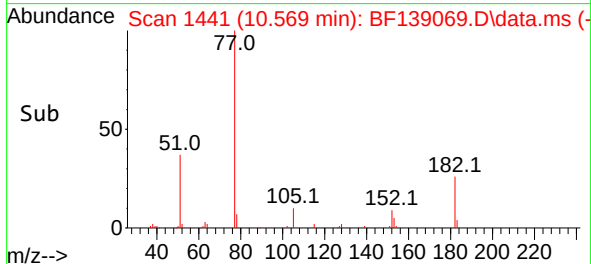
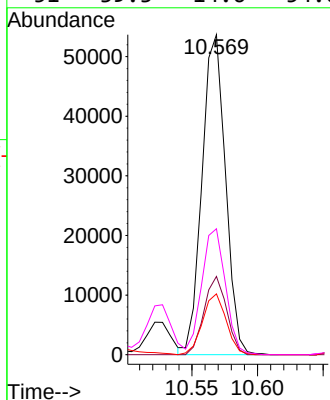


Tgt Ion: 77 Resp: 67012
Ion Ratio Lower Upper
77 100
182 24.5 3.4 43.4
105 19.0 0.2 40.2
51 39.3 14.6 54.6

Manual Integrations
APPROVED

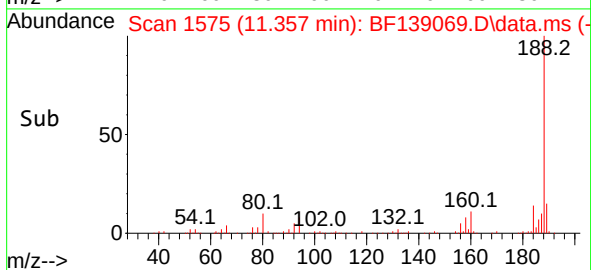
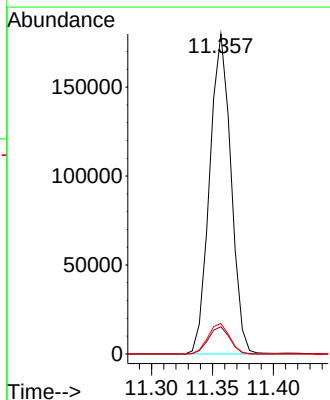
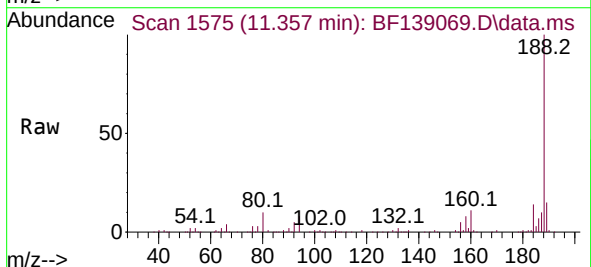
Reviewed By :Jagrut
Upadhyay
08/20/2024

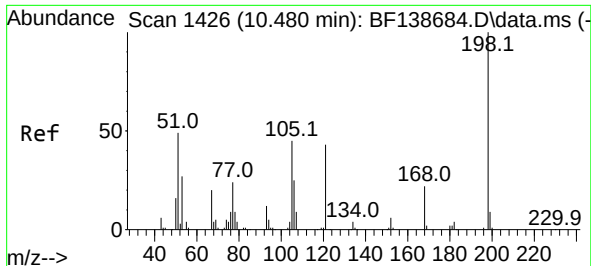
Supervised By :mohammad
ahmed
08/21/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Tgt Ion:188 Resp: 219070
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 9.5 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 5.022 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

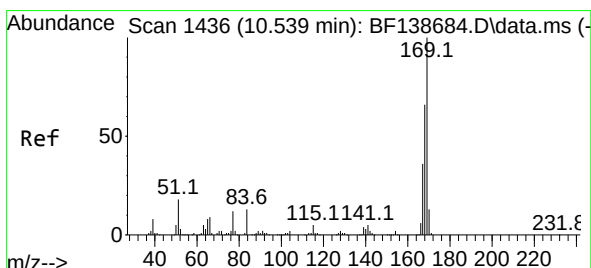
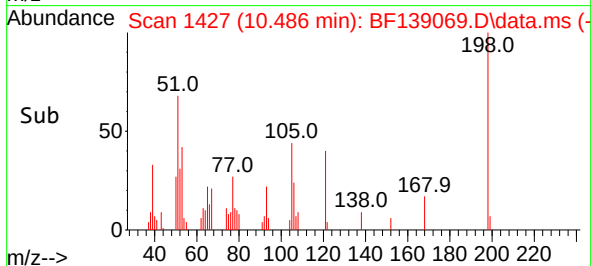
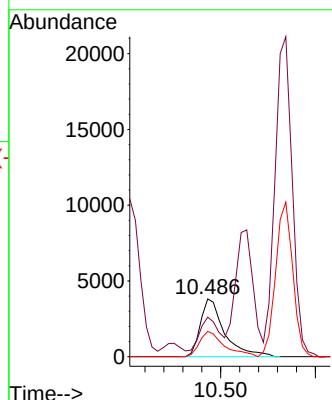
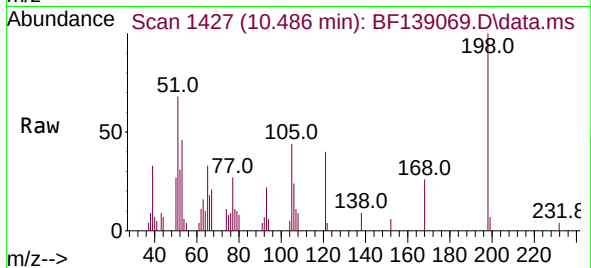
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion:198 Resp: 671
Ion Ratio Lower Upper
198 100
51 68.4 39.9 79.9
105 43.8 26.1 66.1

Manual Integrations
APPROVED

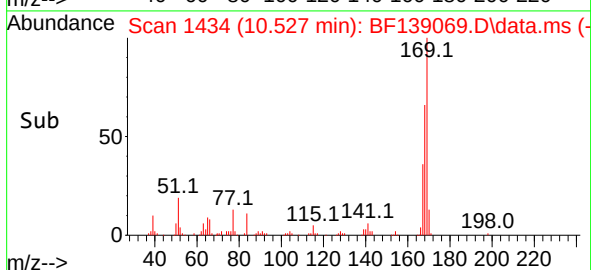
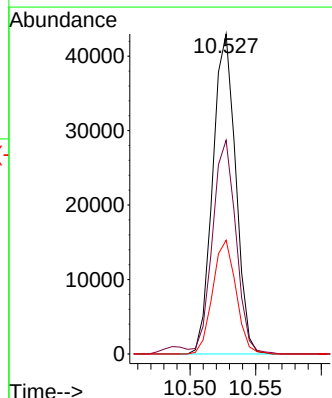
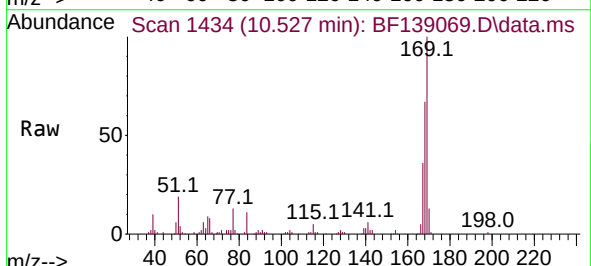
Reviewed By :Jagrut
Upadhyay
08/20/2024

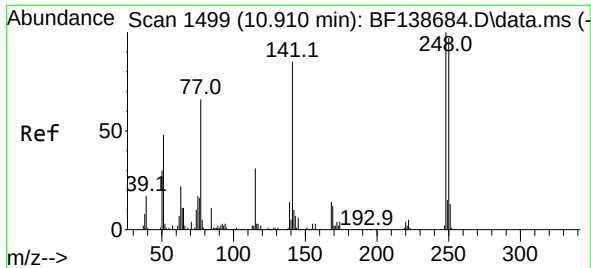
Supervised By :mohammad
ahmed
08/21/2024



#66
n-Nitrosodiphenylamine
Concen: 7.631 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

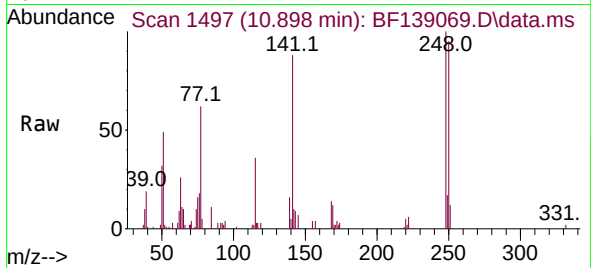
Tgt Ion:169 Resp: 52253
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 35.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 7.356 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

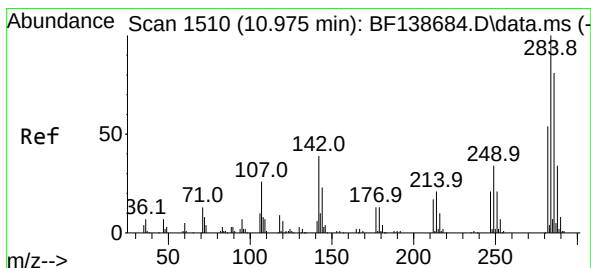
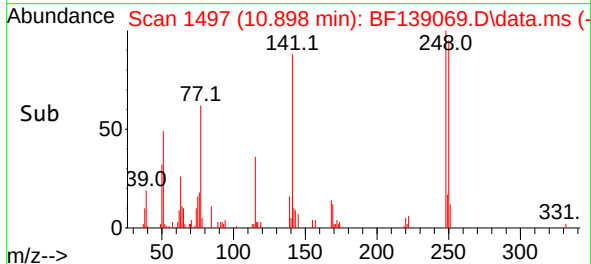
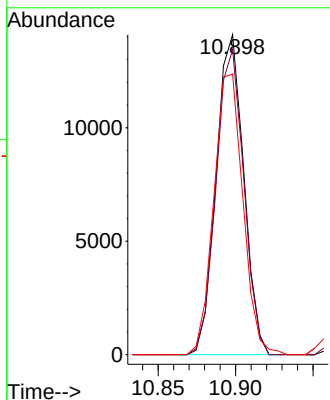


Tgt Ion:248 Resp: 17448
Ion Ratio Lower Upper
248 100
250 95.3 77.7 116.5
141 87.7 68.0 102.0

Manual Integrations
APPROVED

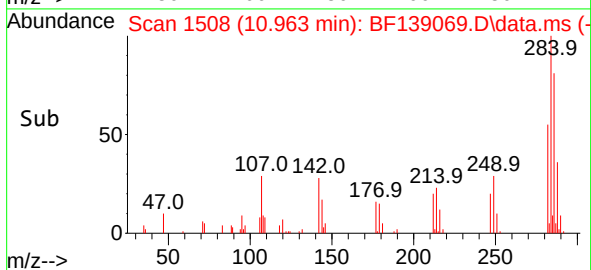
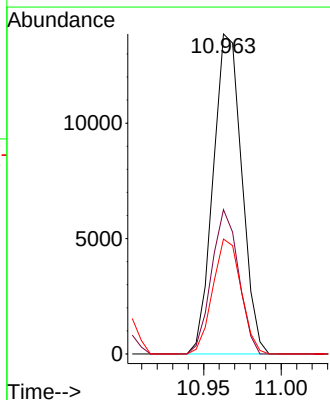
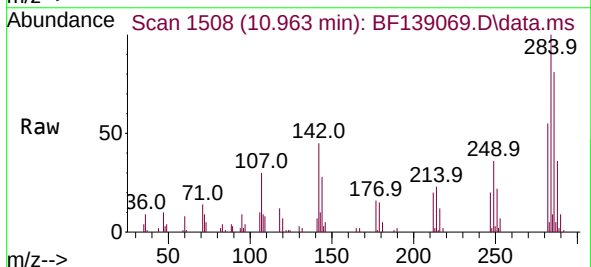
Reviewed By :Jagrut
Upadhyay
08/20/2024

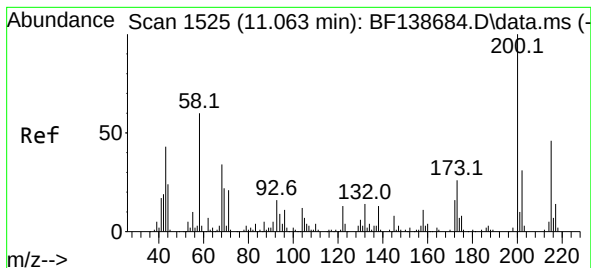
Supervised By :mohammad
ahmed
08/21/2024



#68
Hexachlorobenzene
Concen: 7.268 ng
RT: 10.963 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Tgt Ion:284 Resp: 17799
Ion Ratio Lower Upper
284 100
142 45.1 31.3 46.9
249 35.9 27.2 40.8





#69

Atrazine

Concen: 10.487 ng

RT: 11.051 min Scan# 1525

Delta R.T. -0.012 min

Lab File: BF139069.D

Acq: 19 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:	200	Resp:	1852
Ion Ratio	Lower	Upper	
200	100		
173	23.8	6.0	46.0
215	42.3	26.1	66.1

Manual Integrations

APPROVED

Reviewed By :Jagrut

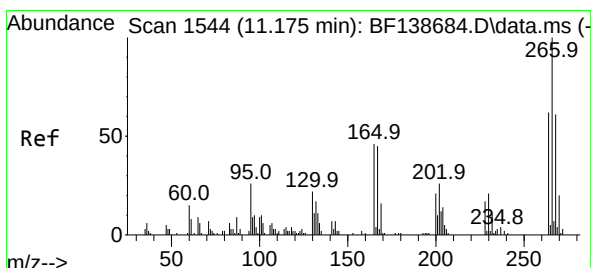
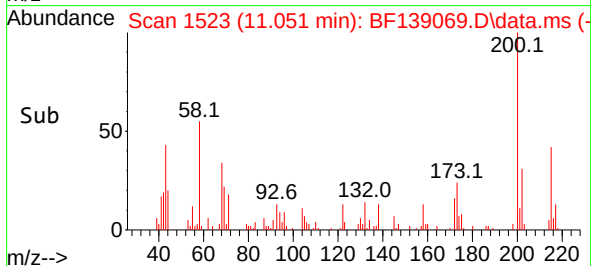
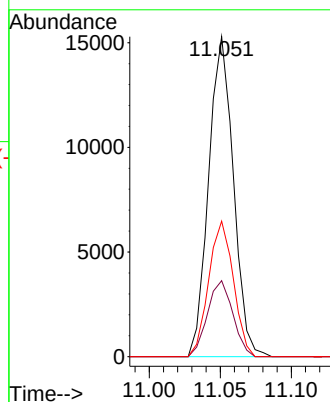
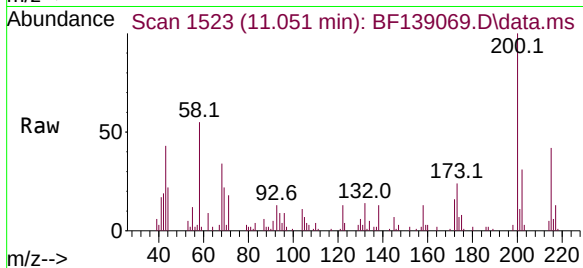
Upadhyay

08/20/2024

Supervised By :mohammad

ahmed

08/21/2024



#70

Pentachlorophenol

Concen: 1.098 ng

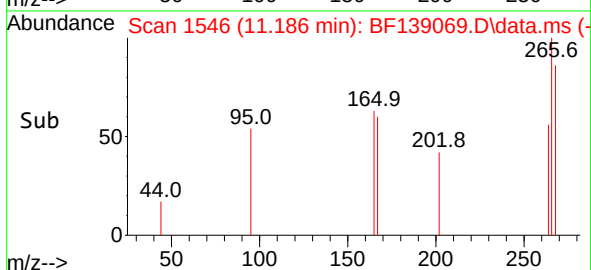
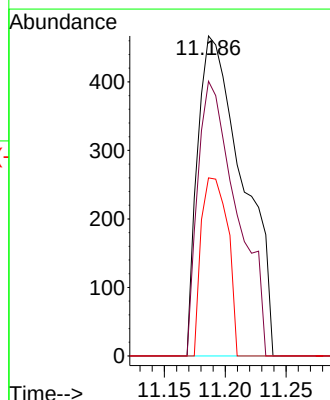
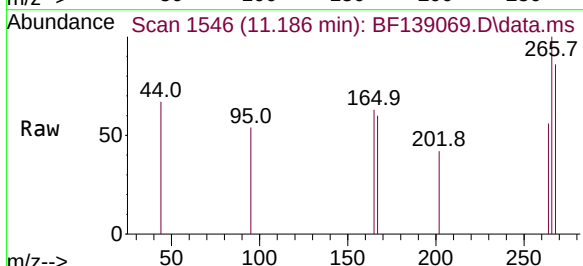
RT: 11.186 min Scan# 1546

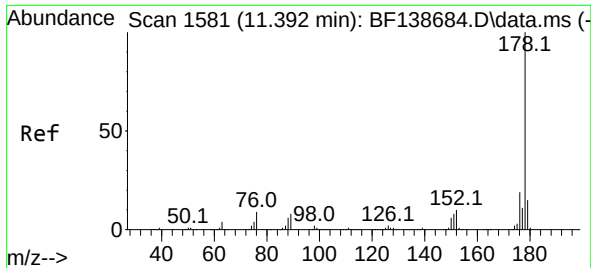
Delta R.T. 0.011 min

Lab File: BF139069.D

Acq: 19 Aug 2024 11:46

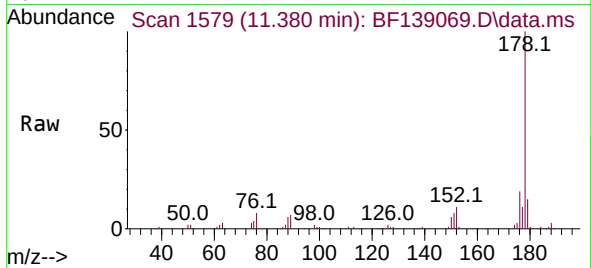
Tgt Ion:	266	Resp:	1212
Ion Ratio	Lower	Upper	
266	100		
268	85.9	49.2	73.8
264	55.7	49.8	74.6





#71
Phenanthrene
Concen: 8.416 ng
RT: 11.380 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument : BNA_F
ClientSampleId : MDL-SOIL-03-QT3-2024

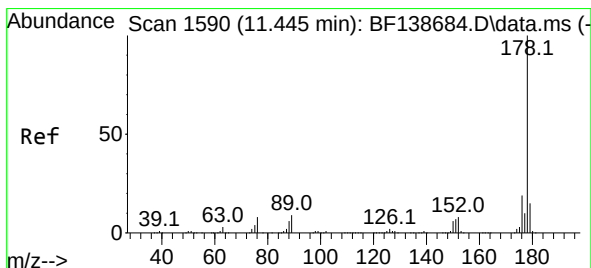
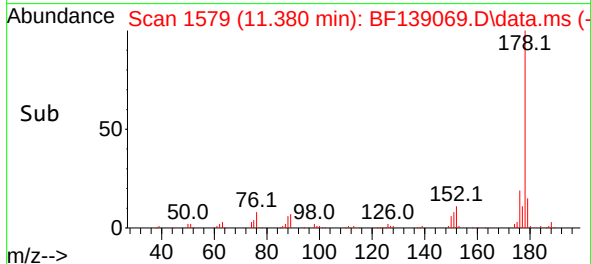
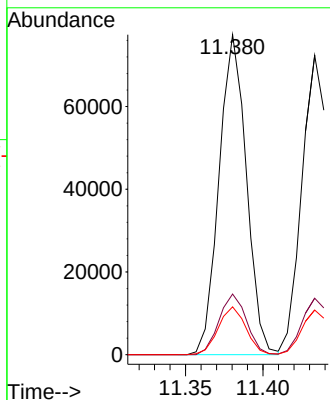


Tgt Ion:178 Resp: 94934
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.0 12.2 18.2

Manual Integrations
APPROVED

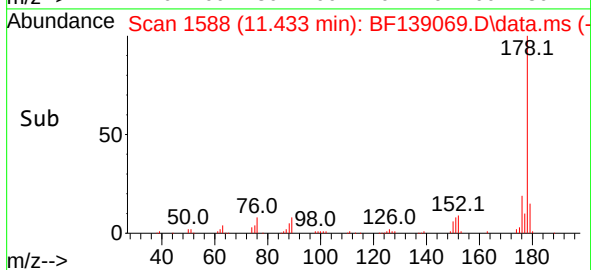
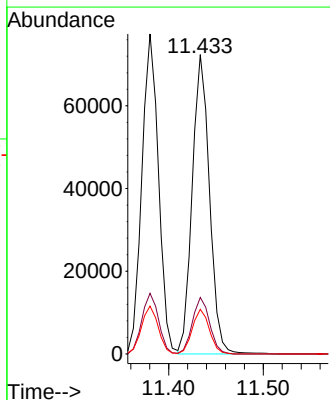
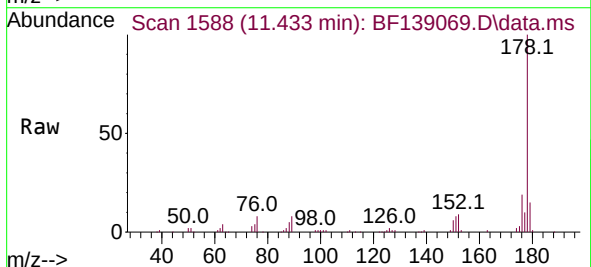
Reviewed By :Jagrut
Upadhyay
08/20/2024

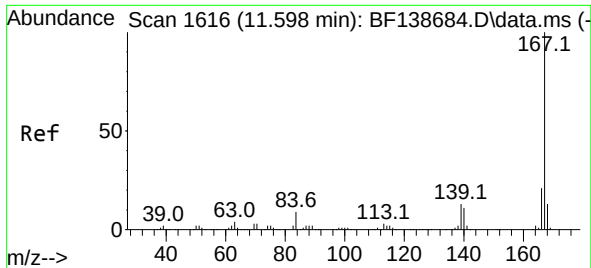
Supervised By :mohammad
ahmed
08/21/2024



#72
Anthracene
Concen: 8.265 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

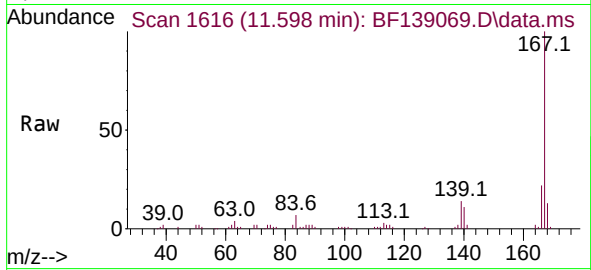
Tgt Ion:178 Resp: 91844
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 14.9 12.4 18.6





#73
 Carbazole
 Concen: 7.556 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF139069.D
 Acq: 19 Aug 2024 11:46

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

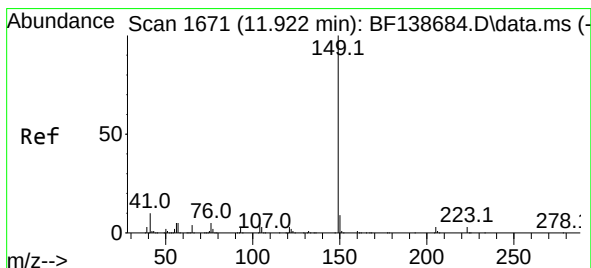
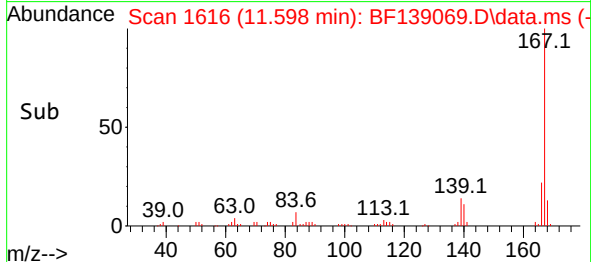
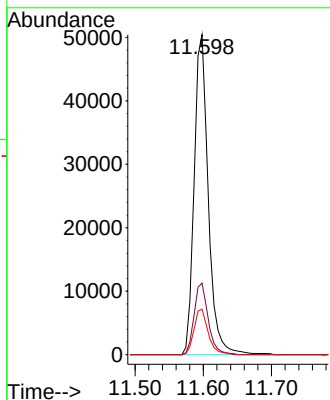


Tgt Ion:167	Resp: 7244
Ion Ratio	Lower Upper
167 100	
166 22.3	17.2 25.8
139 14.2	10.6 16.0

Manual Integrations
 APPROVED

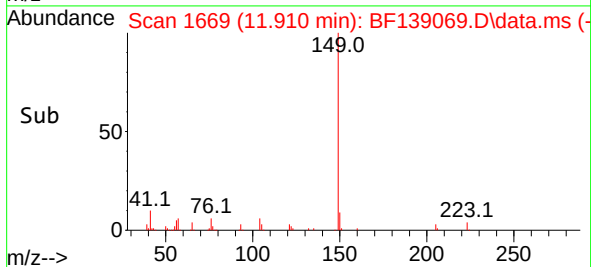
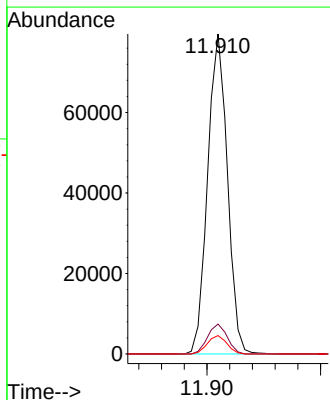
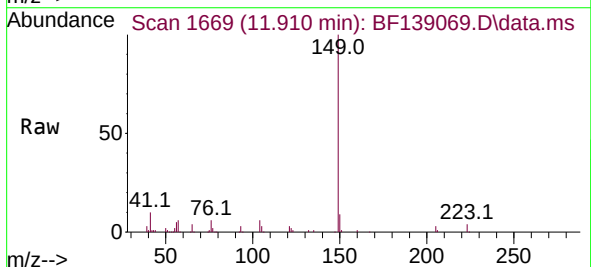
Reviewed By :Jagrut
 Upadhyay
 08/20/2024

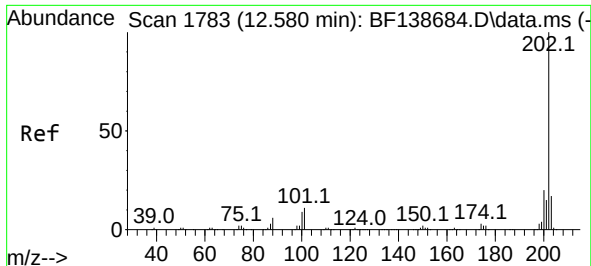
Supervised By :mohammad
 ahmed
 08/21/2024



#74
 Di-n-butylphthalate
 Concen: 8.910 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF139069.D
 Acq: 19 Aug 2024 11:46

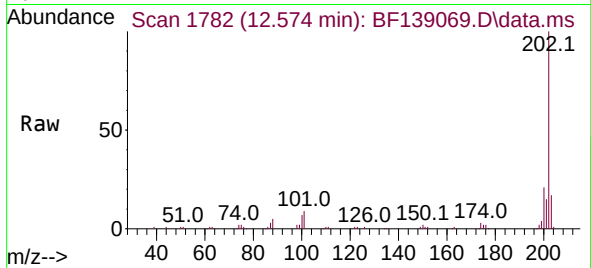
Tgt Ion:149	Resp: 96026
Ion Ratio	Lower Upper
149 100	
150 9.4	7.4 11.0
104 5.8	4.1 6.1





#75
Fluoranthene
Concen: 7.920 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

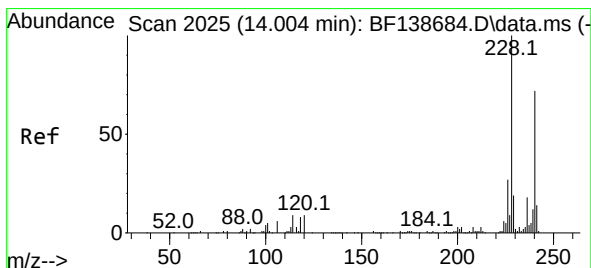
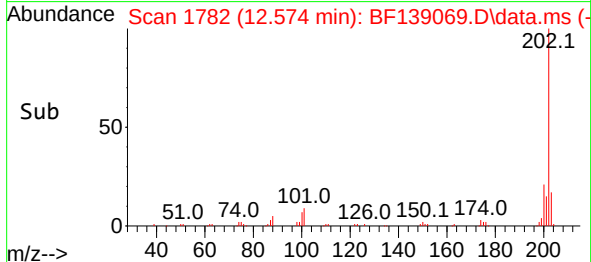
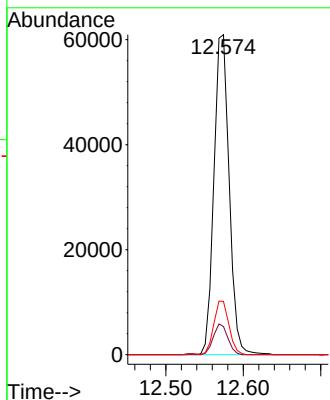


Tgt Ion:202 Resp: 83409
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.2
203 16.6 0.0 37.3

Manual Integrations
APPROVED

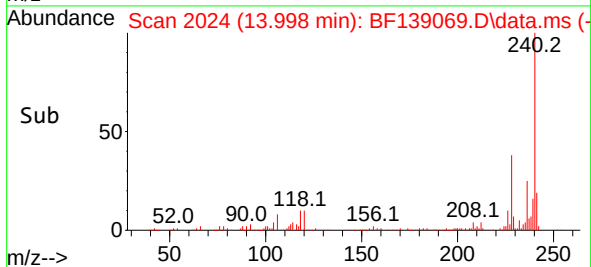
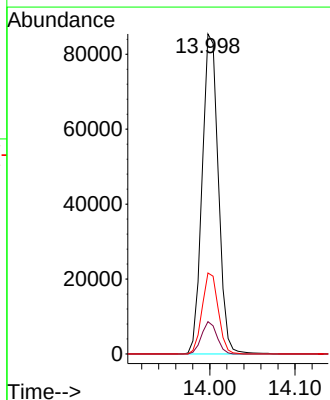
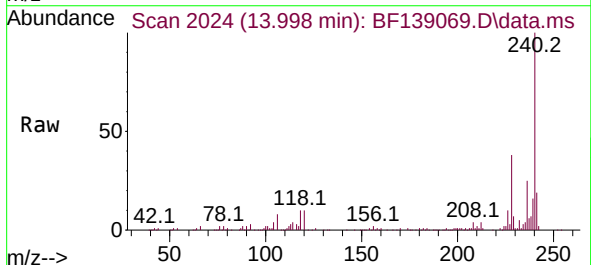
Reviewed By :Jagrut
Upadhyay
08/20/2024

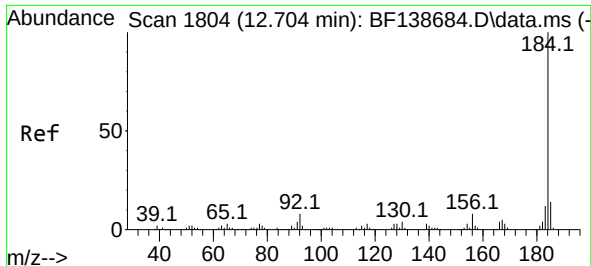
Supervised By :mohammad
ahmed
08/21/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

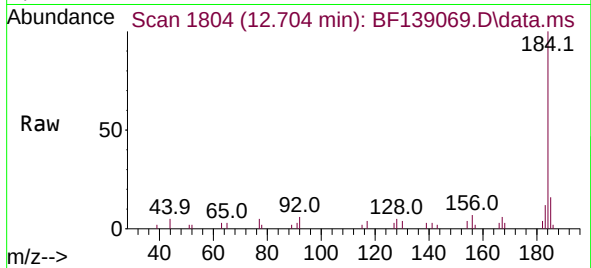
Tgt Ion:240 Resp: 112625
Ion Ratio Lower Upper
240 100
120 10.1 10.2 15.4#
236 25.3 19.8 29.8





#77
Benzidine
Concen: 5.951 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument : BNA_F
ClientSampleId : MDL-SOIL-03-QT3-2024

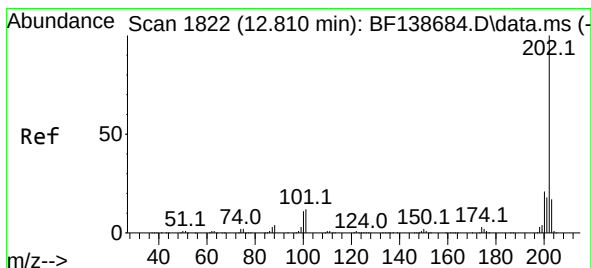
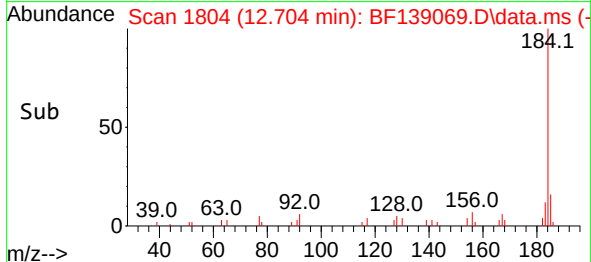
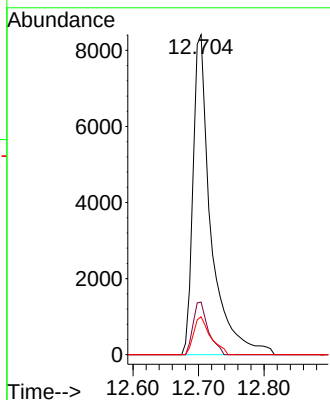


Tgt Ion:184 Resp: 16030
Ion Ratio Lower Upper
184 100
185 16.5 11.1 16.7
183 11.9 9.6 14.4

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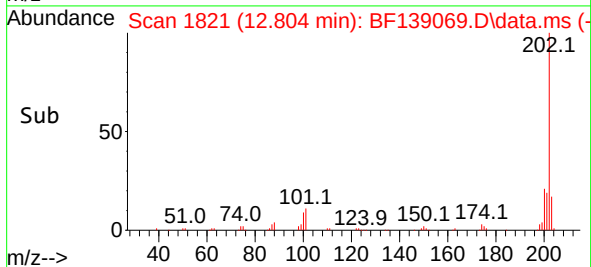
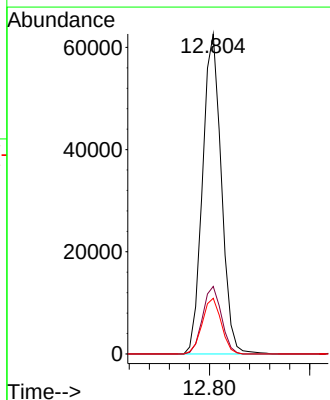
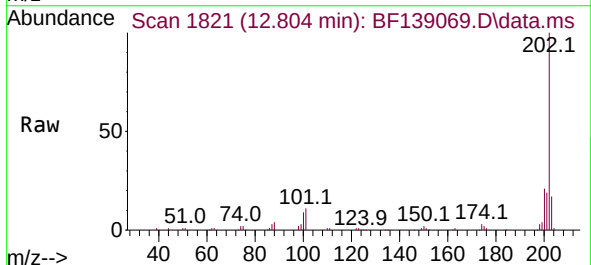
Reviewed By :Jagrut
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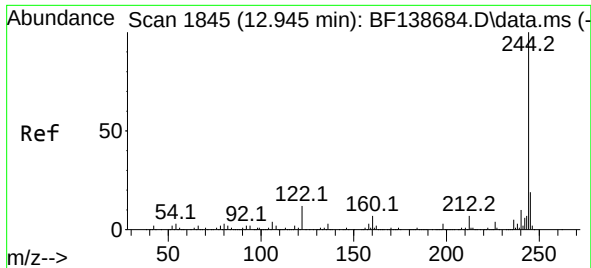
Supervised By :mohammad
ahmed
08/21/2024



#78
Pyrene
Concen: 7.710 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

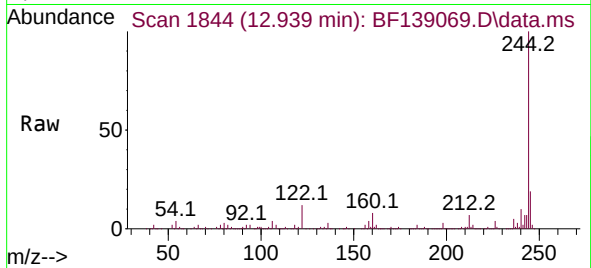
Tgt Ion:202 Resp: 81758
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.4 13.8 20.6





#79
Terphenyl-d14
Concen: 92.710 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

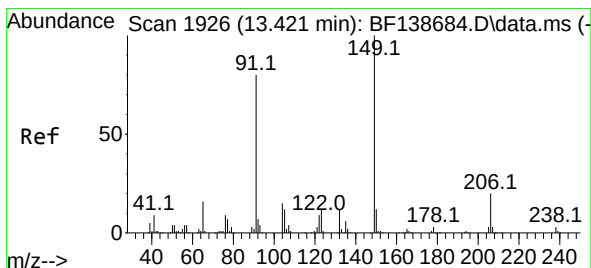
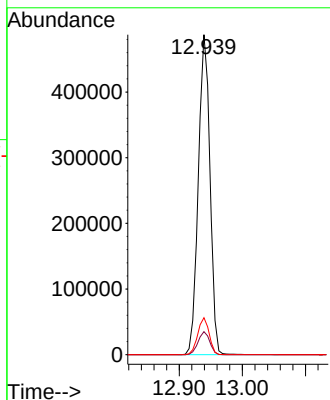
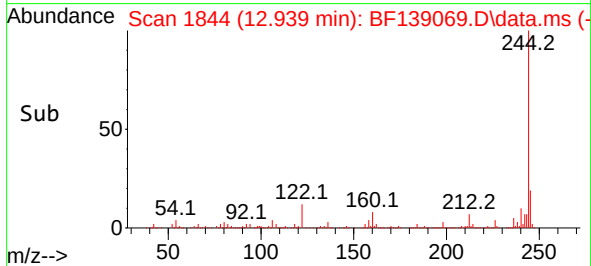


Tgt Ion:244 Resp: 62364
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.5 9.6 14.4

Manual Integrations
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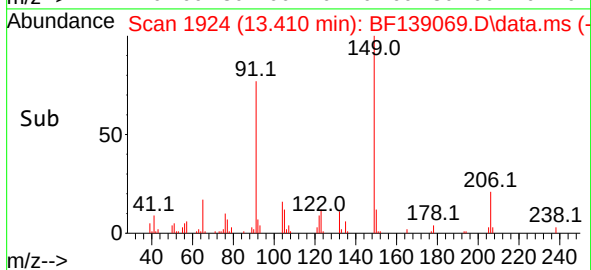
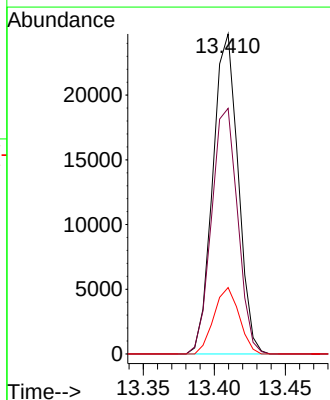
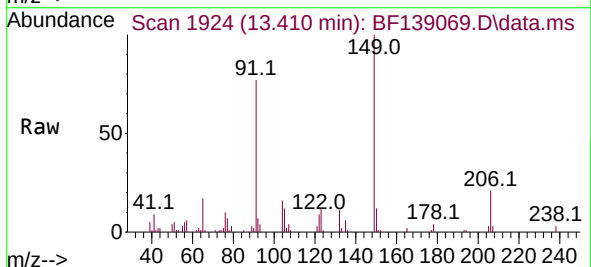
Reviewed By :Jagrut
Upadhyay
08/20/2024

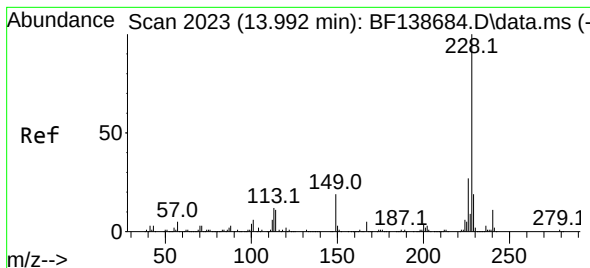
Supervised By :mohammad
ahmed
08/21/2024



#80
Butylbenzylphthalate
Concen: 9.033 ng
RT: 13.410 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

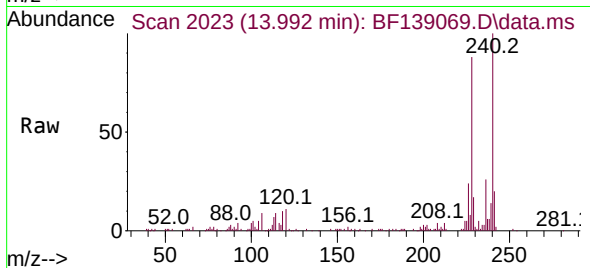
Tgt Ion:149 Resp: 30674
Ion Ratio Lower Upper
149 100
91 76.8 63.7 95.5
206 20.7 16.2 24.2





#81
Benzo(a)anthracene
Concen: 7.999 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument : BNA_F
ClientSampleId : MDL-SOIL-03-QT3-2024

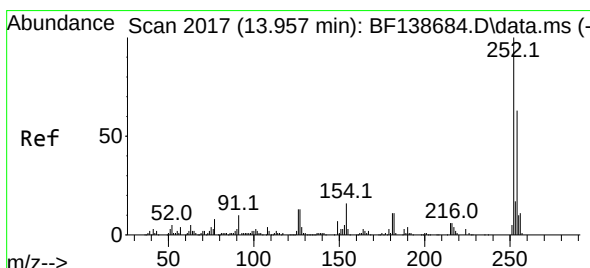
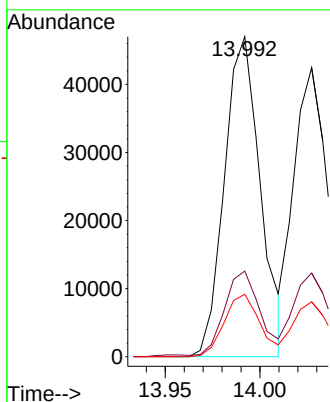
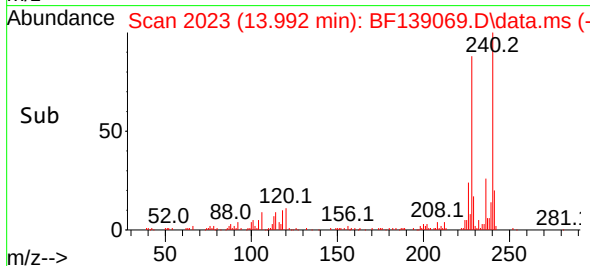


Tgt Ion:228 Resp: 62040
Ion Ratio Lower Upper
228 100
226 26.7 22.1 33.1
229 19.5 15.4 23.0

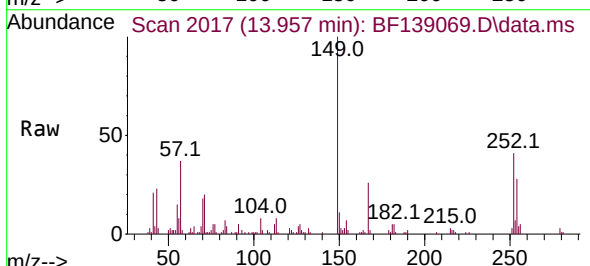
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Reviewed By :Jagrut
Upadhyay
08/20/2024

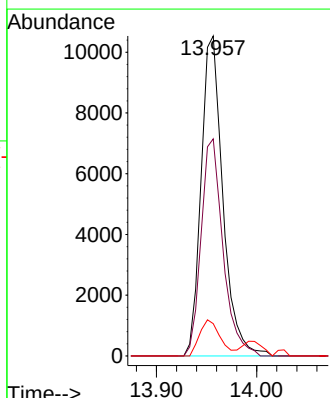
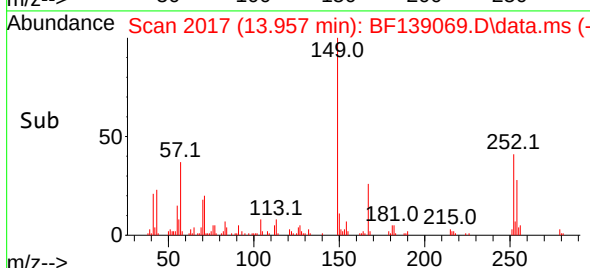
Supervised By :mohammad
ahmed
08/21/2024

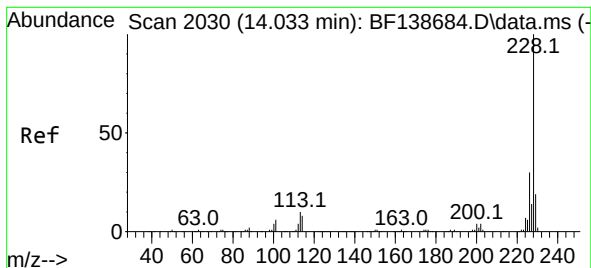


#82
3,3'-Dichlorobenzidine
Concen: 8.022 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46



Tgt Ion:252 Resp: 15921
Ion Ratio Lower Upper
252 100
254 67.9 50.8 76.2
126 10.1 10.2 15.2#





#83

Chrysene

Concen: 7.765 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139069.D

Acq: 19 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:	228	Resp:	54334
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.7	35.5
229	19.0	15.0	22.6

Manual Integrations

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Reviewed By :Jagrut

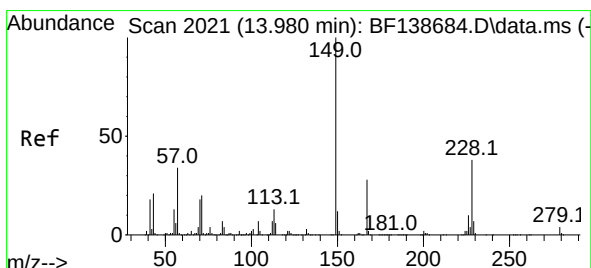
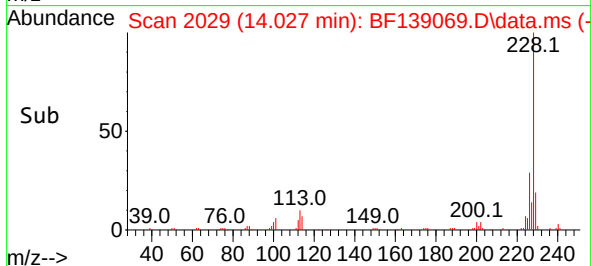
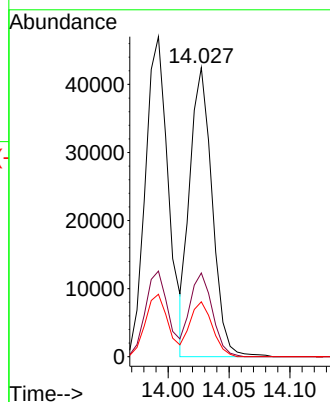
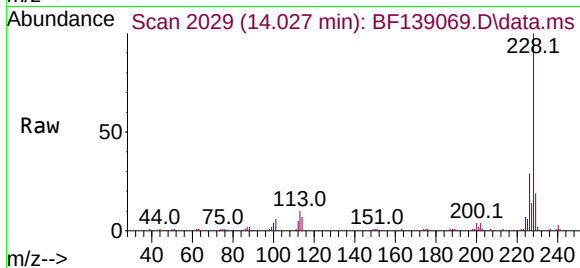
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Supervised By :mohammad

ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 7.326 ng

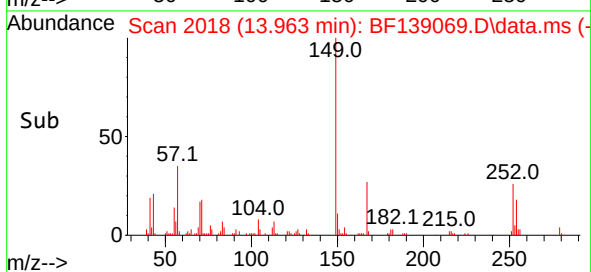
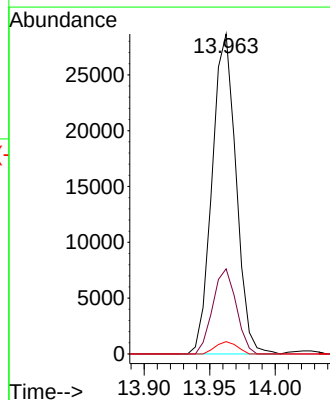
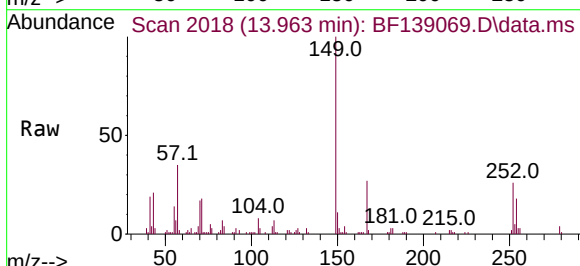
RT: 13.963 min Scan# 2018

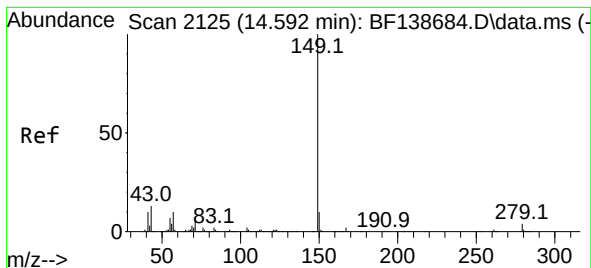
Delta R.T. -0.018 min

Lab File: BF139069.D

Acq: 19 Aug 2024 11:46

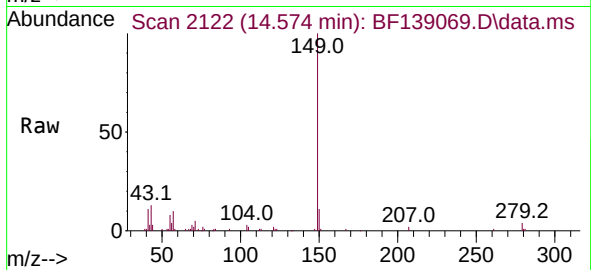
Tgt Ion:	149	Resp:	36429
Ion Ratio	Lower	Upper	
149	100		
167	26.6	22.2	33.4
279	3.8	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 5.242 ng
RT: 14.574 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument : BNA_F
ClientSampleId : MDL-SOIL-03-QT3-2024

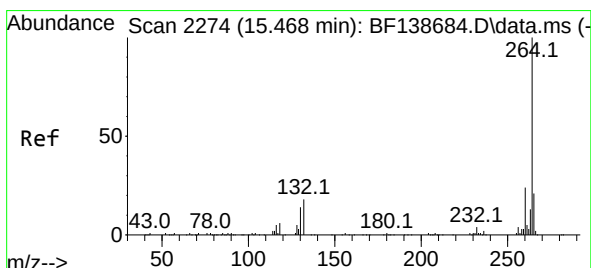
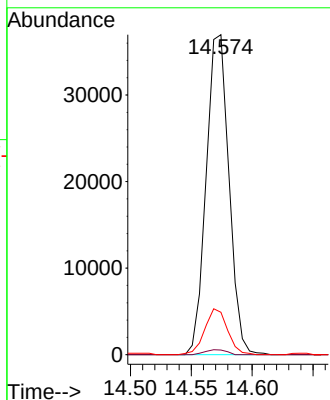
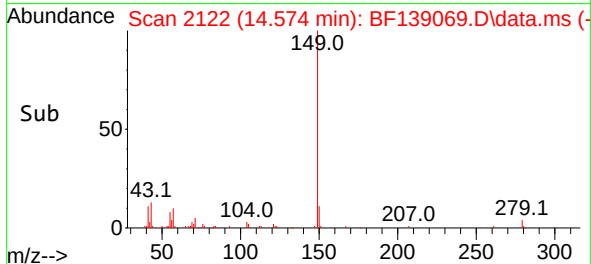


Tgt Ion:149 Resp: 48220
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 14.4 10.4 15.6

Manual Integrations
APPROVED

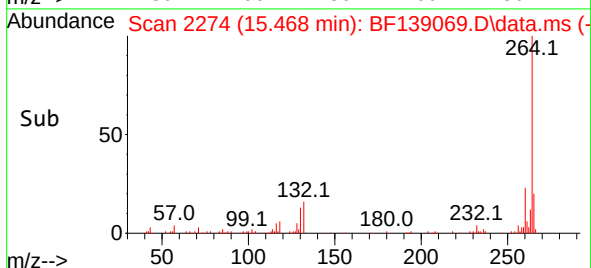
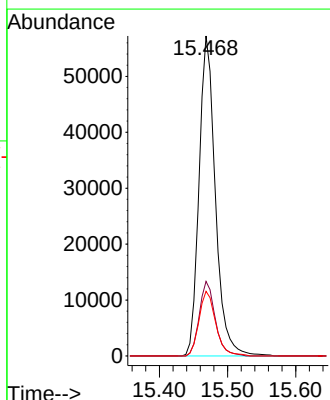
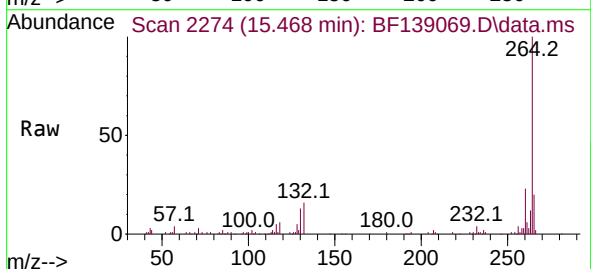
Reviewed By :Jagrut
Upadhyay
08/20/2024

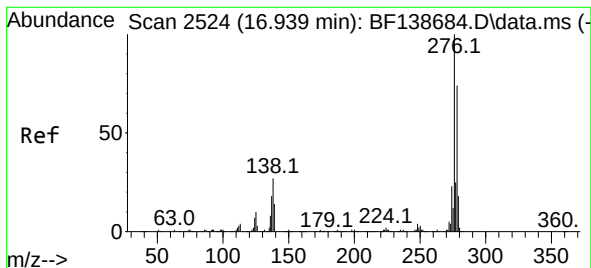
Supervised By :mohammad
ahmed
08/21/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Tgt Ion:264 Resp: 95189
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 20.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.678 ng

RT: 16.951 min Scan# 2524

Delta R.T. 0.012 min

Lab File: BF139069.D

Acq: 19 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:	276	Resp:	4555
Ion Ratio	Lower	Upper	
276	100		
138	23.2	21.8	32.8
277	25.0	20.6	30.8

Manual Integrations

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Reviewed By :Jagrut

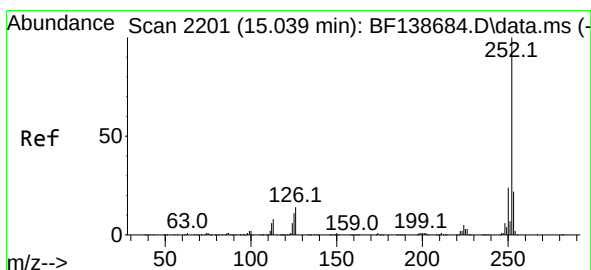
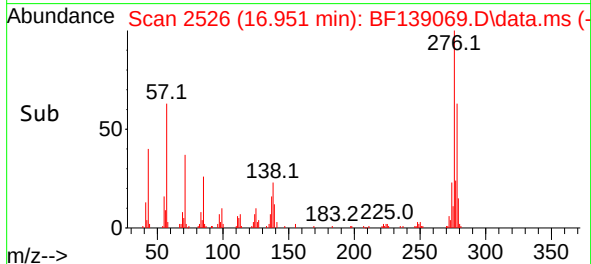
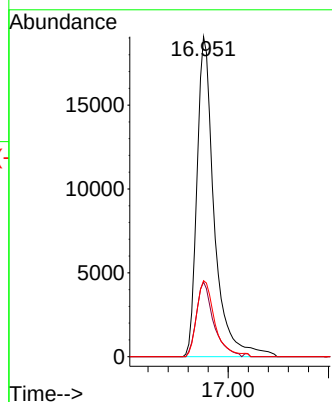
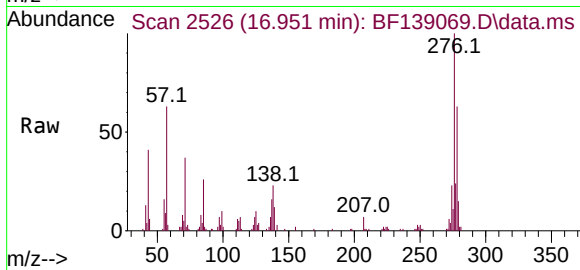
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#88

Benzo(b)fluoranthene

Concen: 7.973 ng

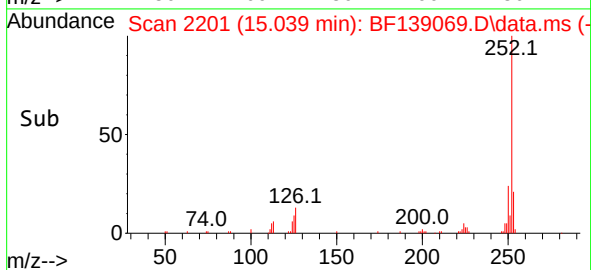
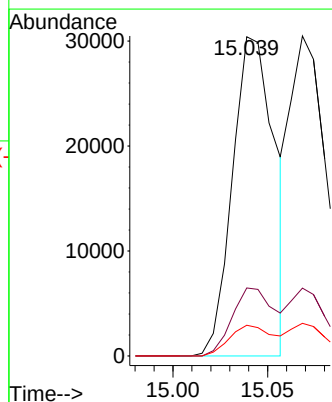
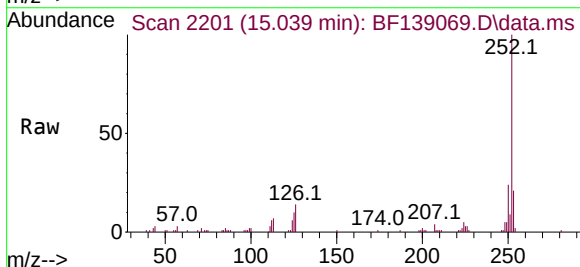
RT: 15.039 min Scan# 2201

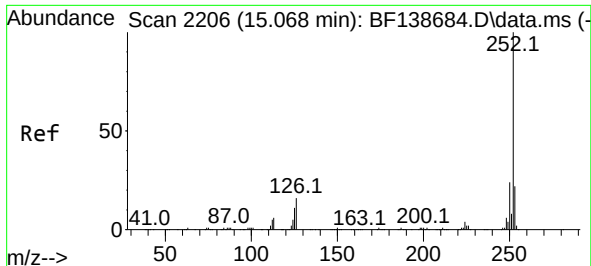
Delta R.T. -0.000 min

Lab File: BF139069.D

Acq: 19 Aug 2024 11:46

Tgt Ion:	252	Resp:	47046
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.5	26.3
125	9.6	8.9	13.3





#89

Benzo(k)fluoranthene

Concen: 8.412 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF139069.D

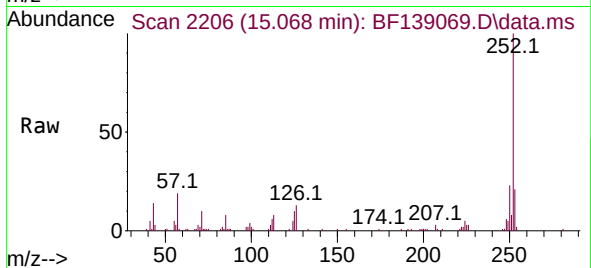
Acq: 19 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion:	252	Resp:	42979
Ion Ratio	100	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	10.2	8.6	13.0

Manual Integrations

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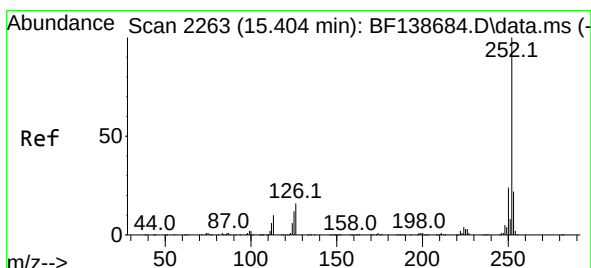
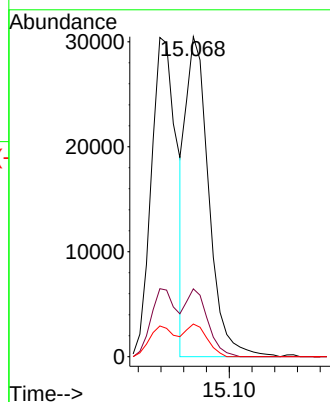
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#90

Benzo(a)pyrene

Concen: 8.254 ng

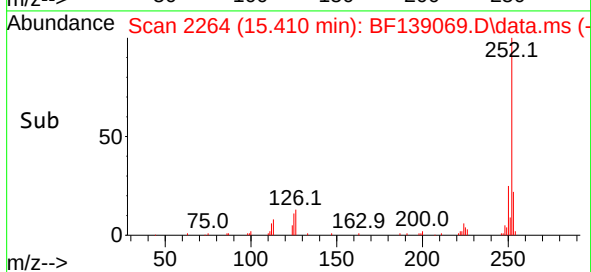
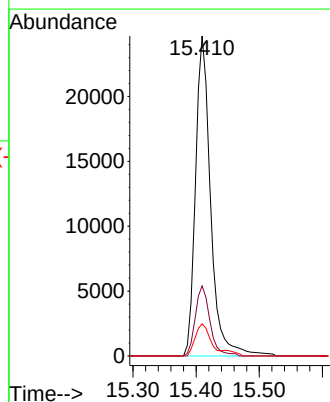
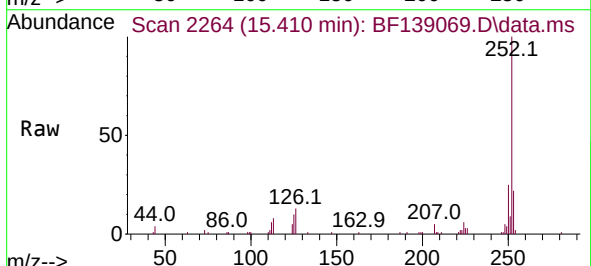
RT: 15.410 min Scan# 2264

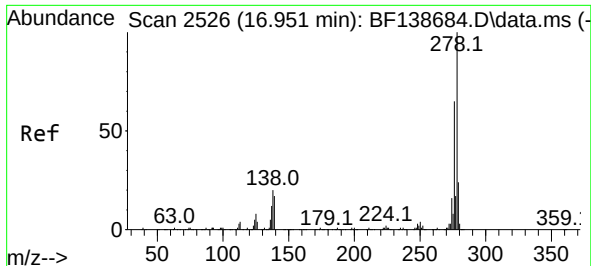
Delta R.T. 0.006 min

Lab File: BF139069.D

Acq: 19 Aug 2024 11:46

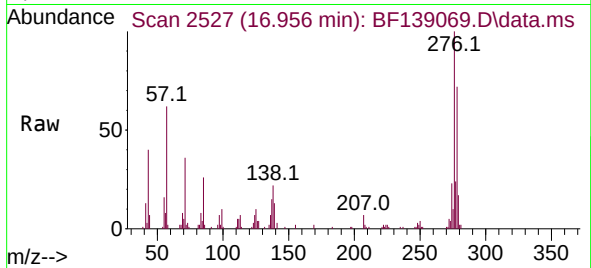
Tgt Ion:	252	Resp:	40968
Ion Ratio	100	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	10.0	9.5	14.3





#91
Dibenzo(a,h)anthracene
Concen: 6.486 ng
RT: 16.956 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

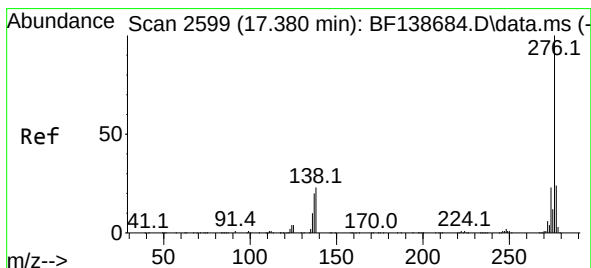
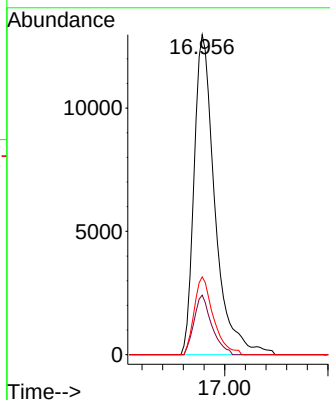
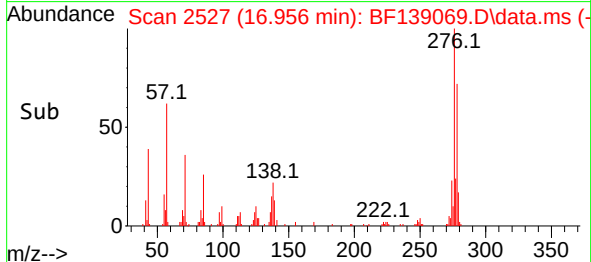


Tgt Ion:278 Resp: 3632
Ion Ratio Lower Upper
278 100
139 18.6 14.0 21.0
279 24.3 19.0 28.4

Manual Integrations
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Reviewed By :Jagrut
Upadhyay
08/20/2024

Supervised By :mohammad
ahmed
08/21/2024



#92
Benzo(g,h,i)perylene
Concen: 6.028 ng
RT: 17.404 min Scan# 2603
Delta R.T. 0.023 min
Lab File: BF139069.D
Acq: 19 Aug 2024 11:46

Tgt Ion:276 Resp: 35025
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.4
138 21.6 18.5 27.7

