

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138476.D
 Acq On : 05 Jul 2024 19:06
 Operator : CG\JU
 Sample : P3159-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-070324MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jul 06 00:38:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66540	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	258400	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	128312	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	189414	20.000	ng	0.00
76) Chrysene-d12	14.033	240	106279	20.000	ng	0.00
86) Perylene-d12	15.504	264	89170	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	539545	134.436	ng	0.00
7) Phenol-d6	6.510	99	703348	130.095	ng	0.00
23) Nitrobenzene-d5	7.440	82	449539	90.374	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	132915	126.788	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	747908	92.763	ng	0.00
79) Terphenyl-d14	12.980	244	642117	82.798	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.616	88	77780	41.144	ng	97
3) Pyridine	3.387	79	206273	45.738	ng	94
4) n-Nitrosodimethylamine	3.334	42	151798	53.952	ng	90
6) Aniline	6.534	93	187840	35.603	ng	98
8) 2-Chlorophenol	6.657	128	230259	53.443	ng	97
9) Benzaldehyde	6.422	77	34084	10.214	ng	97
10) Phenol	6.522	94	296096	51.406	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	220790	48.806	ng	98
12) 1,3-Dichlorobenzene	6.816	146	237676	48.171	ng	98
13) 1,4-Dichlorobenzene	6.893	146	242321	48.981	ng	97
14) 1,2-Dichlorobenzene	7.040	146	230320	50.430	ng	99
15) Benzyl Alcohol	7.016	79	211118	54.519	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	442908	48.539	ng	99
17) 2-Methylphenol	7.128	107	181728	50.894	ng	96
18) Hexachloroethane	7.387	117	84955	47.609	ng	# 88
19) n-Nitroso-di-n-propyla...	7.287	70	167248	49.071	ng	94
20) 3+4-Methylphenols	7.281	107	226305	54.546	ng	# 87
22) Acetophenone	7.281	105	283317	48.330	ng	# 97
24) Nitrobenzene	7.457	77	256512	50.701	ng	99
25) Isophorone	7.692	82	446202	48.648	ng	100
26) 2-Nitrophenol	7.769	139	116905	53.571	ng	91
27) 2,4-Dimethylphenol	7.810	122	156606	56.072	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	264970	47.995	ng	99
29) 2,4-Dichlorophenol	8.016	162	180096	50.205	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	197690	47.398	ng	100
31) Naphthalene	8.175	128	645370	49.405	ng	100
32) Benzoic acid	7.916	122	92305	37.169	ng	89
33) 4-Chloroaniline	8.222	127	103615	22.712	ng	98
34) Hexachlorobutadiene	8.292	225	118978	47.512	ng	98
35) Caprolactam	8.586	113	55291	48.811	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	196783	51.501	ng	94
37) 2-Methylnaphthalene	8.869	142	400007	47.380	ng	98
38) 1-Methylnaphthalene	8.969	142	368947	45.061	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	172580	48.626	ng	99
41) Hexachlorocyclopentadiene	9.016	237	50261	48.111	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	119790	53.043	ng	98

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 Supervised By :mohammad
 Ahmed

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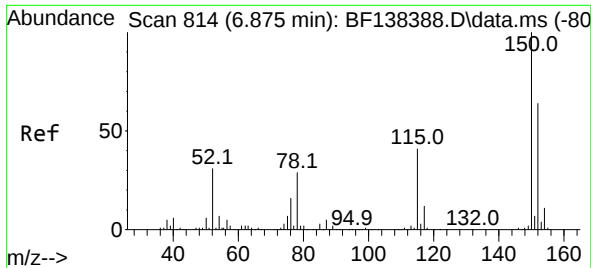
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.192	196	121879	49.623	ng	99	07/08/2024
46) 1,1'-Biphenyl	9.334	154	466424	48.684	ng	98	Supervised By :mohammad
47) 2-Chloronaphthalene	9.357	162	362682	49.650	ng	98	ahmed
48) 2-Nitroaniline	9.451	65	135748	57.611	ng	93	
49) Acenaphthylene	9.775	152	553481	53.876	ng	99	
50) Dimethylphthalate	9.628	163	442399	53.648	ng	100	
51) 2,6-Dinitrotoluene	9.692	165	93755	50.764	ng	96	07/08/2024
52) Acenaphthene	9.945	154	351113m	49.914	ng		
53) 3-Nitroaniline	9.863	138	72938	39.986	ng	98	
54) 2,4-Dinitrophenol	9.969	184	37715	51.821	ng	97	
55) Dibenzofuran	10.116	168	477567	49.274	ng	97	
56) 4-Nitrophenol	10.033	139	125016	105.705	ng	89	
57) 2,4-Dinitrotoluene	10.098	165	115629	50.848	ng	92	
58) Fluorene	10.457	166	362191	47.030	ng	98	
59) 2,3,4,6-Tetrachlorophenol	10.233	232	88743	48.646	ng	# 97	
60) Diethylphthalate	10.328	149	397781	51.593	ng	99	
61) 4-Chlorophenyl-phenyle...	10.451	204	183322	46.916	ng	98	
62) 4-Nitroaniline	10.475	138	83472	49.856	ng	95	
63) Azobenzene	10.610	77	396609	48.709	ng	99	
65) 4,6-Dinitro-2-methylph...	10.504	198	33414	34.765	ng	83	
66) n-Nitrosodiphenylamine	10.569	169	314335	53.455	ng	99	
67) 4-Bromophenyl-phenylether	10.939	248	101135	49.674	ng	97	
68) Hexachlorobenzene	11.004	284	104214	46.440	ng	100	
69) Atrazine	11.092	200	96255	58.381	ng	98	
70) Pentachlorophenol	11.204	266	112977	99.194	ng	97	
71) Phenanthrene	11.422	178	490071	52.992	ng	99	
72) Anthracene	11.475	178	502066	54.438	ng	99	
73) Carbazole	11.627	167	436795	57.047	ng	100	
74) Di-n-butylphthalate	11.957	149	528759	54.491	ng	99	
75) Fluoranthene	12.610	202	528351	63.726	ng	99	
77) Benzidine	12.733	184	181590	213.673	ng	97	
78) Pyrene	12.839	202	536838	47.261	ng	100	
80) Butylbenzylphthalate	13.451	149	205071	59.329	ng	95	
81) Benzo(a)anthracene	14.021	228	369470	54.011	ng	99	
82) 3,3'-Dichlorobenzidine	13.986	252	100471	49.747	ng	99	
83) Chrysene	14.063	228	351598	52.821	ng	98	
84) Bis(2-ethylhexyl)phtha...	14.010	149	268105	61.851	ng	99	
85) Di-n-octyl phthalate	14.621	149	389588	51.348	ng	98	
87) Indeno(1,2,3-cd)pyrene	16.980	276	274665	61.304	ng	96	
88) Benzo(b)fluoranthene	15.074	252	257855	52.705	ng	98	
89) Benzo(k)fluoranthene	15.104	252	256162	56.845	ng	100	
90) Benzo(a)pyrene	15.445	252	234050	54.579	ng	98	
91) Dibenzo(a,h)anthracene	16.998	278	220987	61.104	ng	97	
92) Benzo(g,h,i)perylene	17.427	276	210207	59.415	ng	97	

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



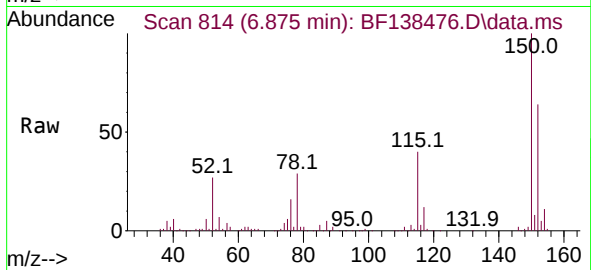
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

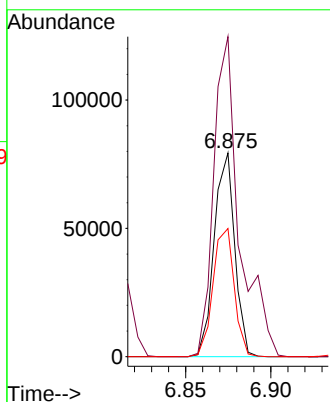
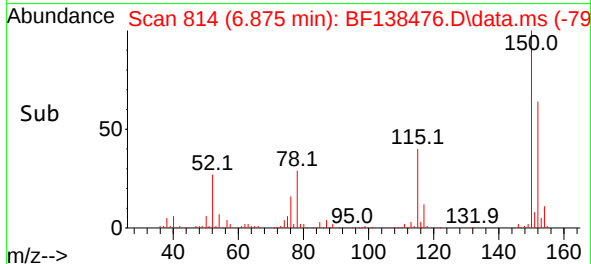
SU-04-070324MSD



Tgt Ion:152 Resp: 66540
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 63.0 50.8 76.2

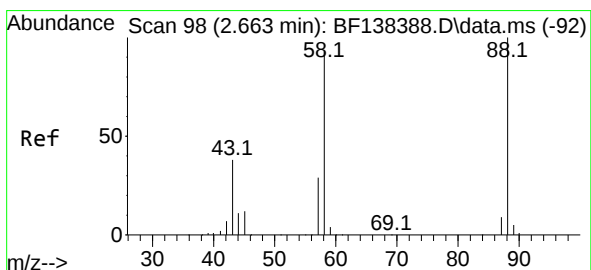
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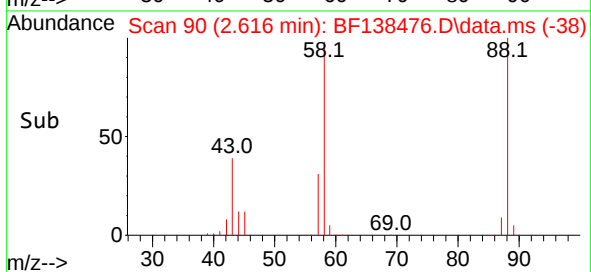
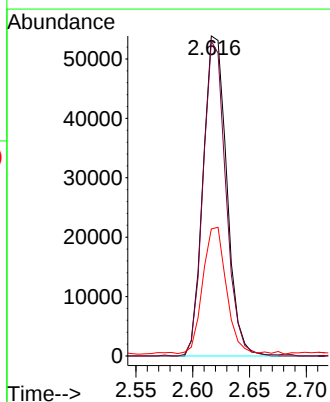
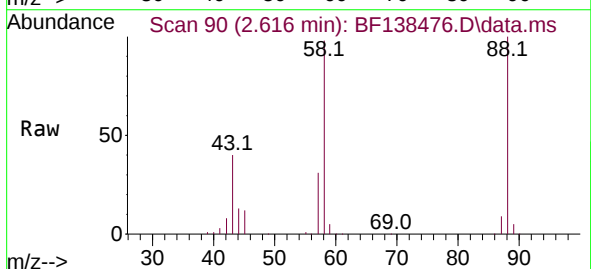
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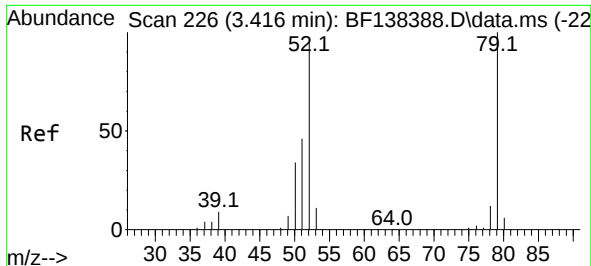
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#2
1,4-Dioxane
Concen: 41.144 ng
RT: 2.616 min Scan# 90
Delta R.T. -0.047 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion: 88 Resp: 77780
Ion Ratio Lower Upper
88 100
58 95.0 73.7 110.5
43 39.1 30.1 45.1





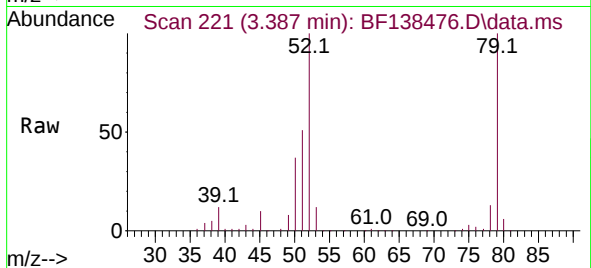
#3
Pyridine
Concen: 45.738 ng
RT: 3.387 min Scan# 212
Delta R.T. -0.029 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

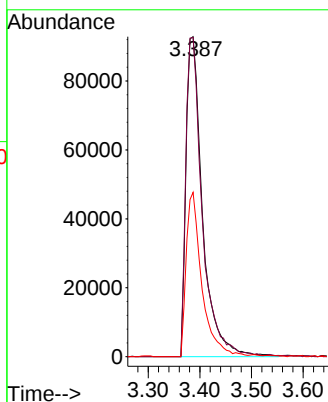
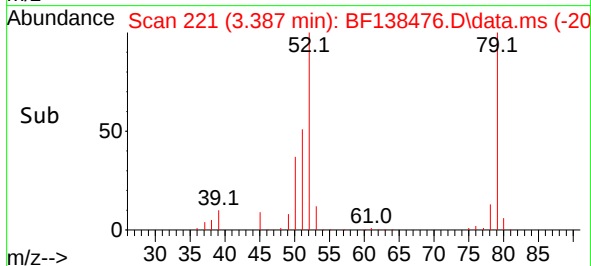
SU-04-070324MSD



Tgt Ion: 79 Resp: 20627
Ion Ratio Lower Upper
79 100
52 99.8 76.2 114.2
51 51.4 36.7 55.1

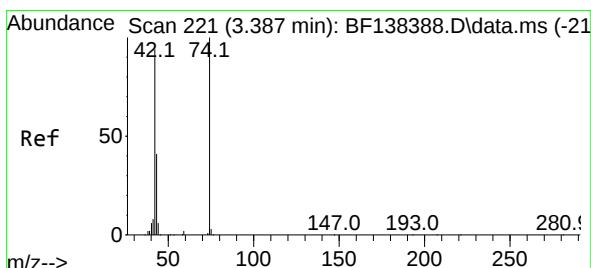
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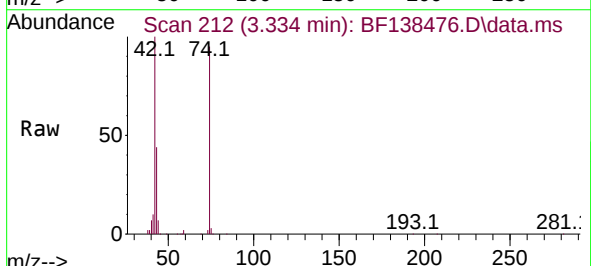


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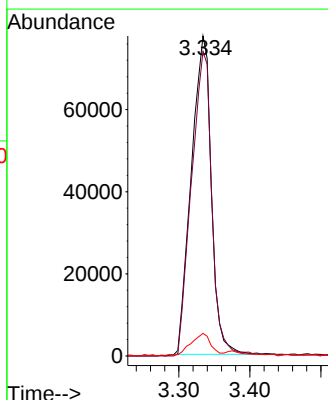
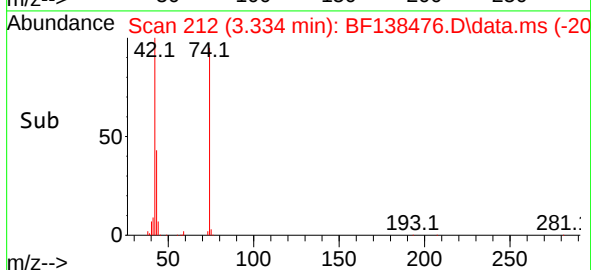
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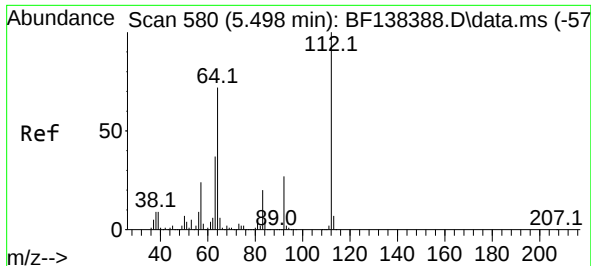


#4
n-Nitrosodimethylamine
Concen: 53.952 ng
RT: 3.334 min Scan# 212
Delta R.T. -0.053 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



Tgt Ion: 42 Resp: 151798
Ion Ratio Lower Upper
42 100
74 95.2 85.1 127.7
44 7.1 5.5 8.3





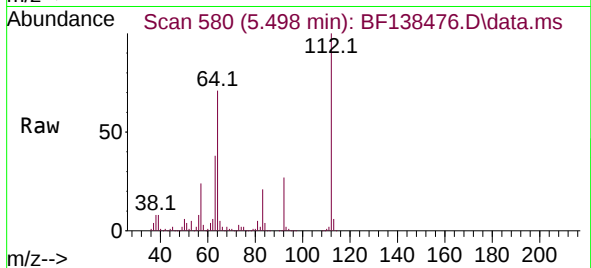
#5
2-Fluorophenol
Concen: 134.436 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

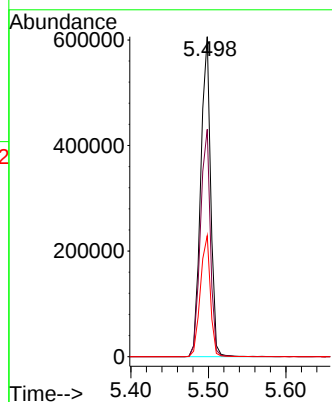
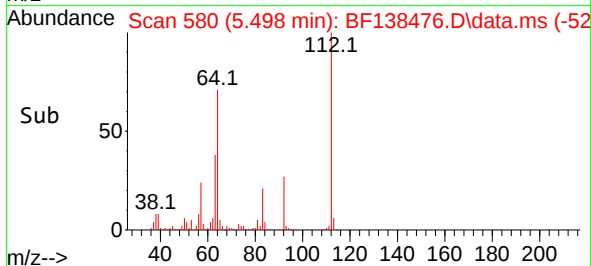
SU-04-070324MSD



Tgt Ion:112 Resp: 539549
Ion Ratio Lower Upper
112 100
64 71.0 57.2 85.8
63 37.8 29.4 44.0

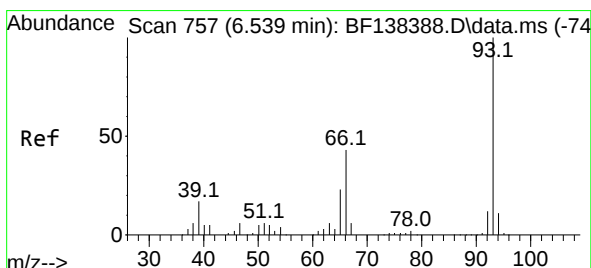
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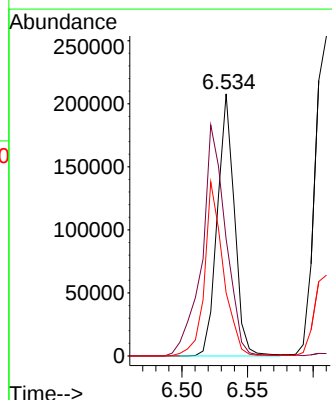
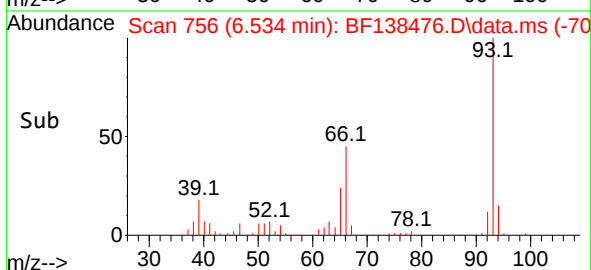
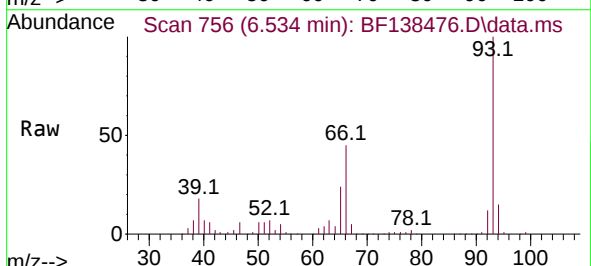
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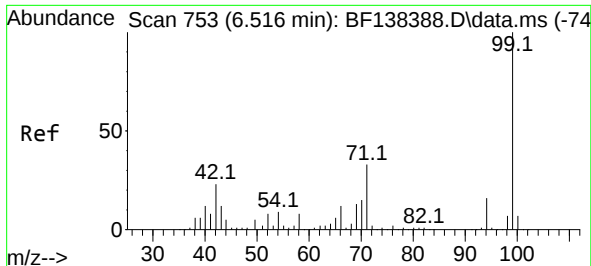
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#6
Aniline
Concen: 35.603 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF138476.D
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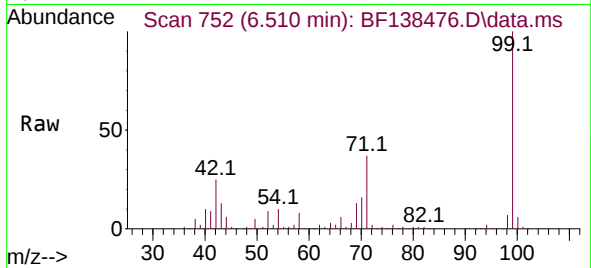
Tgt Ion: 93 Resp: 187840
Ion Ratio Lower Upper
93 100
66 44.7 34.7 52.1
65 24.1 18.5 27.7





#7
Phenol-d6
Concen: 130.095 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

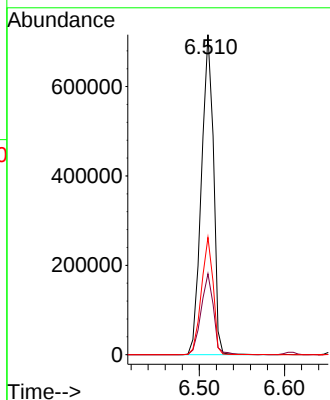
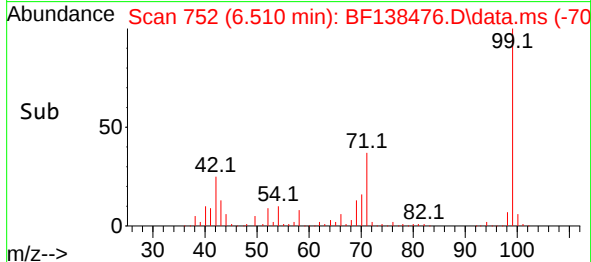
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ClientSampleId :
SU-04-070324MSD



Tgt Ion: 99 Resp: 703348
Ion Ratio Lower Upper
99 100
42 25.3 18.5 27.7
71 36.6 26.1 39.1

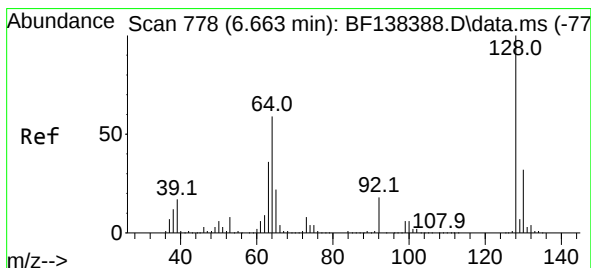
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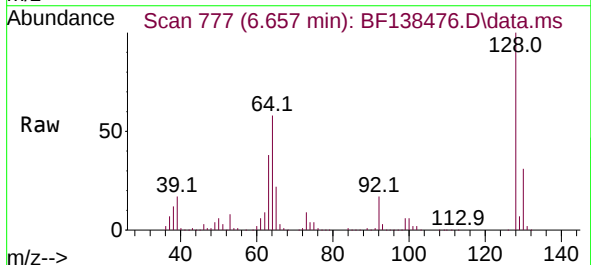


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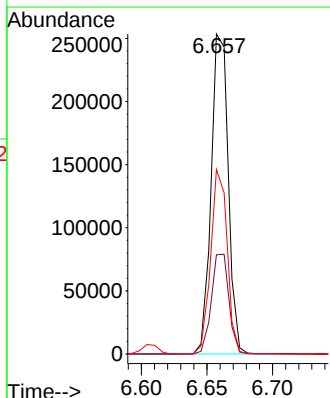
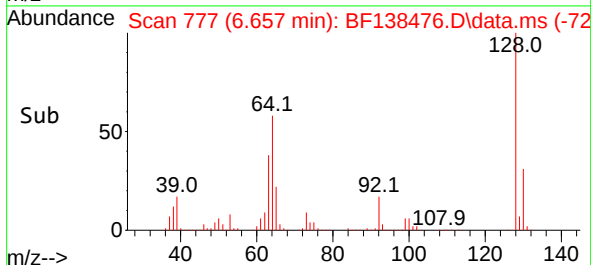
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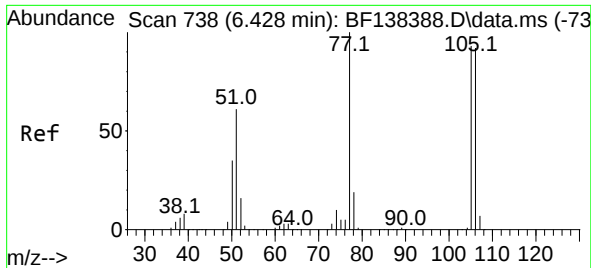


#8
2-Chlorophenol
Concen: 53.443 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



Tgt Ion:128 Resp: 230259
Ion Ratio Lower Upper
128 100
130 31.0 12.3 52.3
64 57.6 39.6 79.6





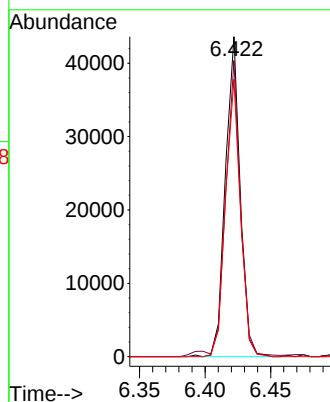
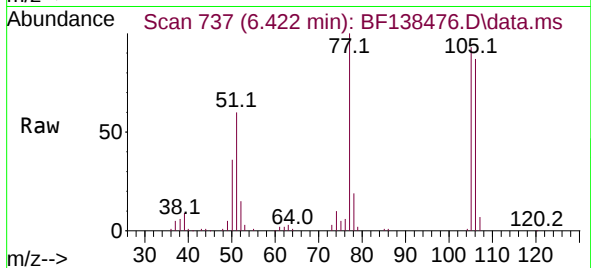
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Benzaldehyde
Concen: 10.214 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

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Tgt Ion: 77 Resp: 34084
Ion Ratio Lower Upper
77 100
105 92.5 73.2 113.2
106 86.7 71.5 111.5

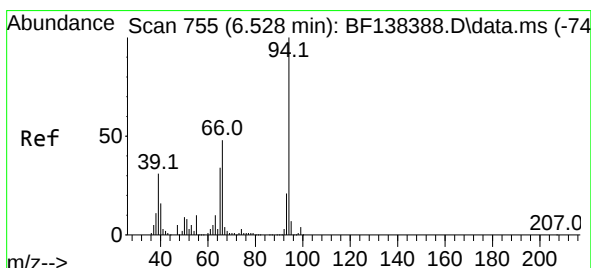
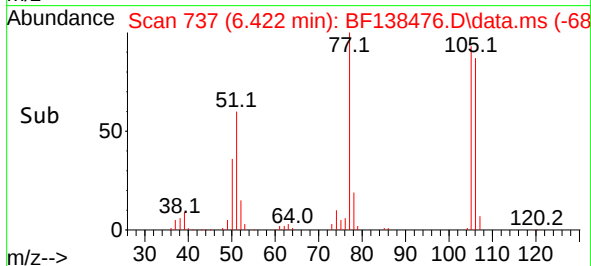
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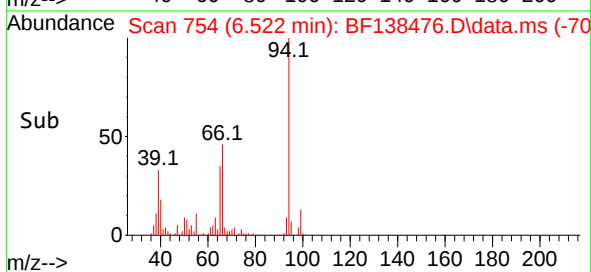
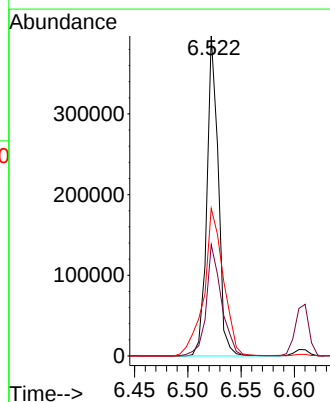
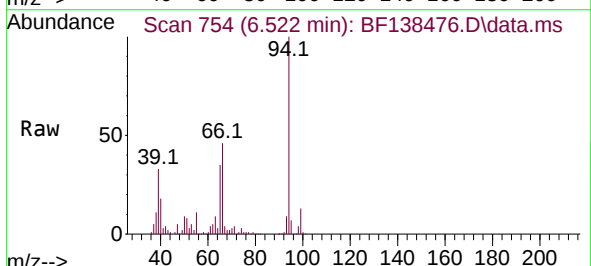
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Supervised By :mohammad
ahmed

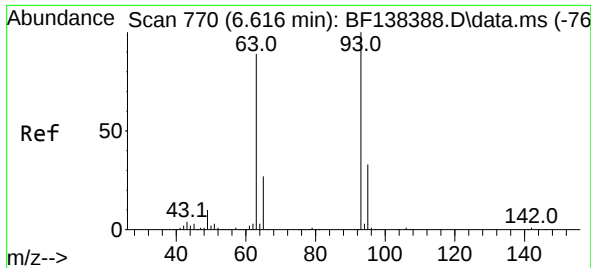
07/08/2024



#10
Phenol
Concen: 51.406 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion: 94 Resp: 296096
Ion Ratio Lower Upper
94 100
65 34.8 14.2 54.2
66 46.2 27.9 67.9





#11
bis(2-Chloroethyl)ether
Concen: 48.806 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

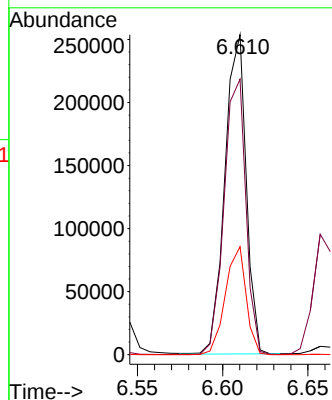
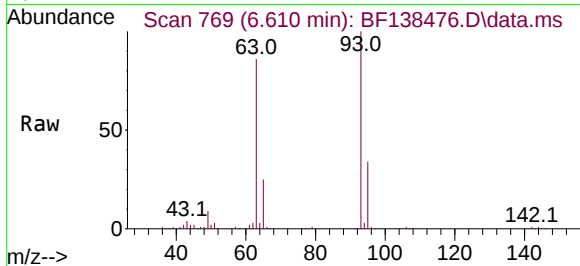
ClientSampleId :

SU-04-070324MSD

Tgt Ion: 93 Resp: 220790
Ion Ratio Lower Upper
93 100
63 86.1 68.2 108.2
95 33.7 12.4 52.4

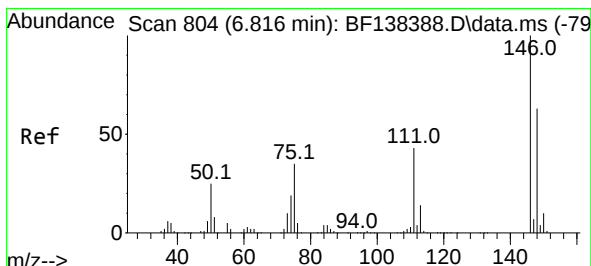
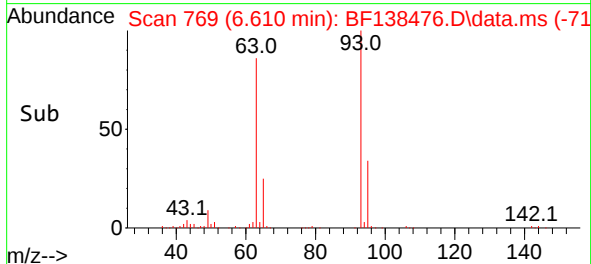
Manual Integrations
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Reviewed By :Yogesh
Patel



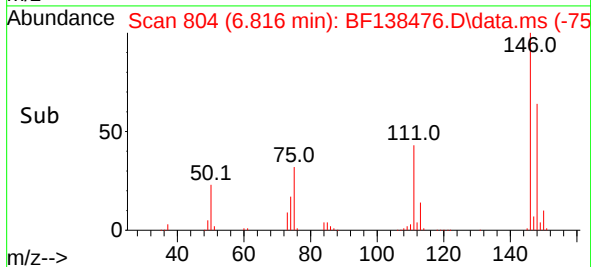
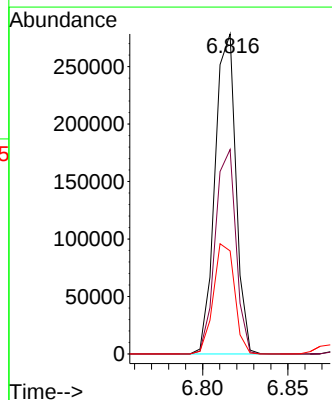
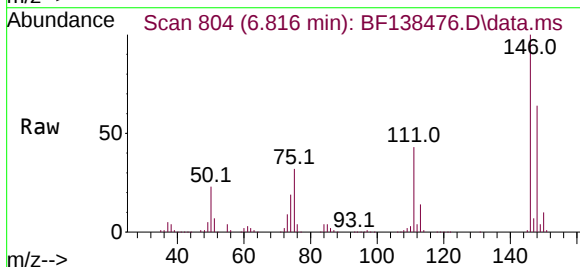
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Supervised By :mohammad
ahmed

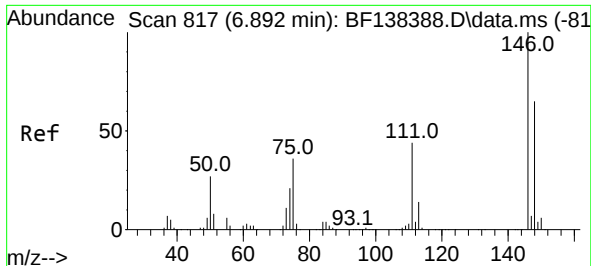
07/08/2024



#12
1,3-Dichlorobenzene
Concen: 48.171 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

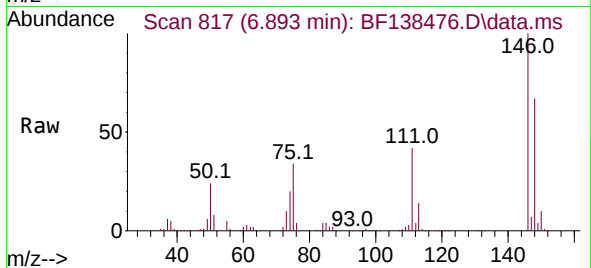
Tgt Ion:146 Resp: 237676
Ion Ratio Lower Upper
146 100
148 63.9 50.3 75.5
75 32.2 27.8 41.6





#13
1,4-Dichlorobenzene
Concen: 48.981 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

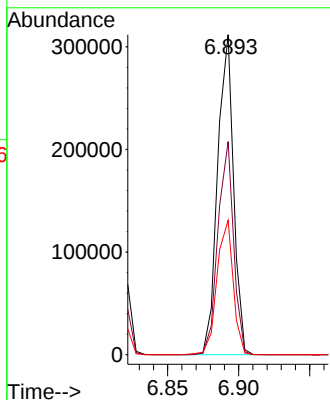
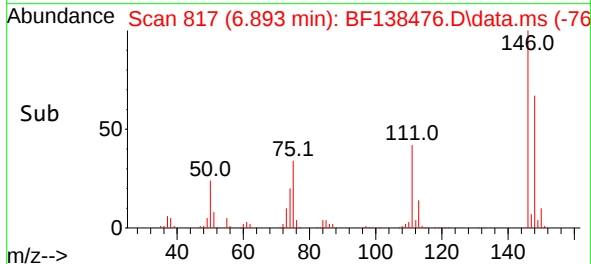
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD



Tgt Ion:146 Resp: 242320
Ion Ratio Lower Upper
146 100
148 66.6 52.0 78.0
111 42.0 35.4 53.0

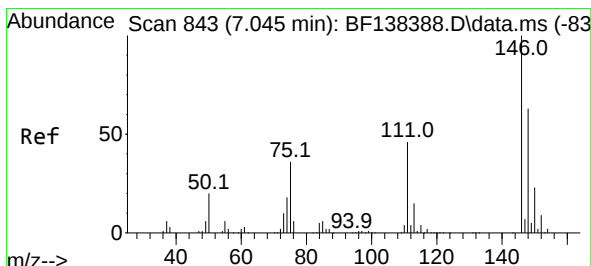
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Reviewed By :Yogesh
Patel

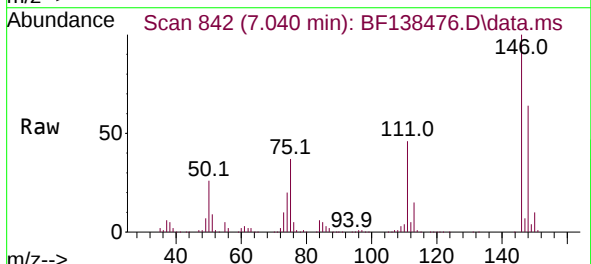


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Supervised By :mohammad
ahmed

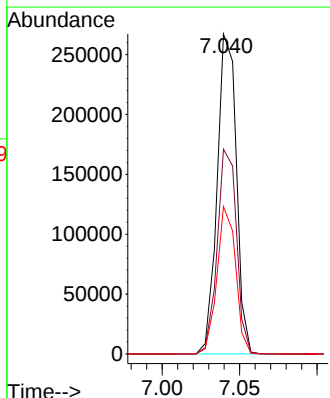
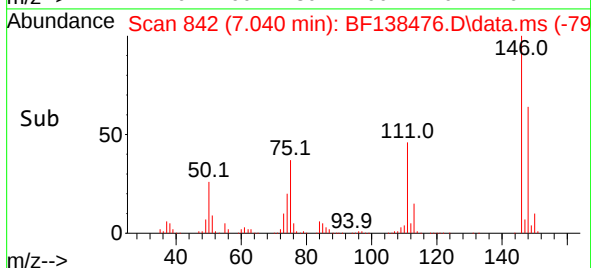
07/08/2024

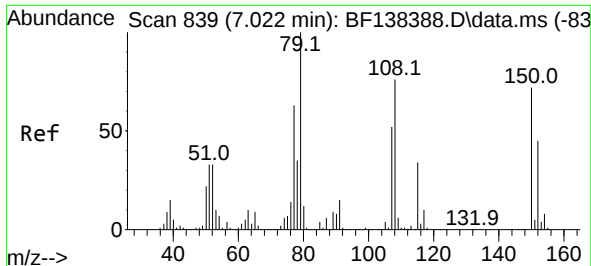


#14
1,2-Dichlorobenzene
Concen: 50.430 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



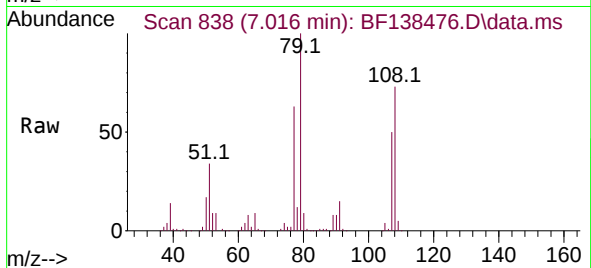
Tgt Ion:146 Resp: 230320
Ion Ratio Lower Upper
146 100
148 64.0 50.3 75.5
111 46.1 37.1 55.7





#15
Benzyl Alcohol
Concen: 54.519 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

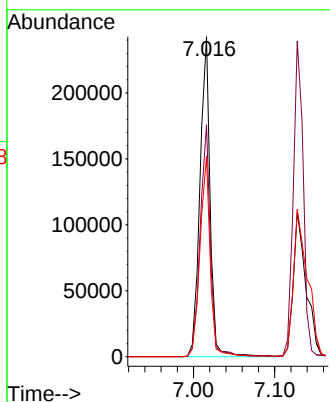
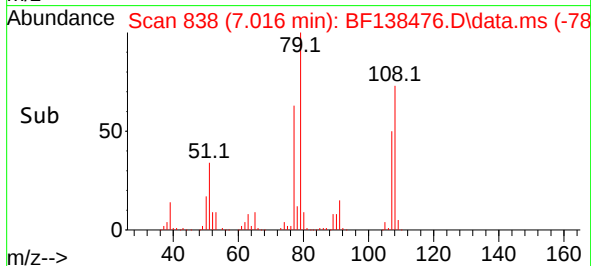
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD



Tgt Ion: 79 Resp: 211118
Ion Ratio Lower Upper
79 100
108 72.5 60.9 91.3
77 62.6 50.6 75.8

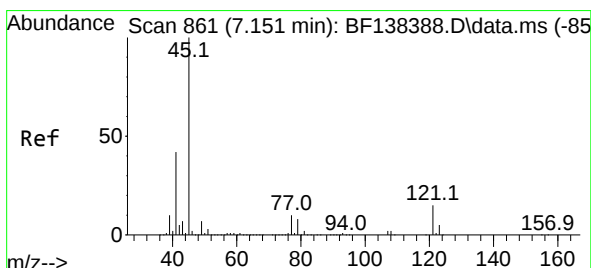
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Reviewed By :Yogesh
Patel



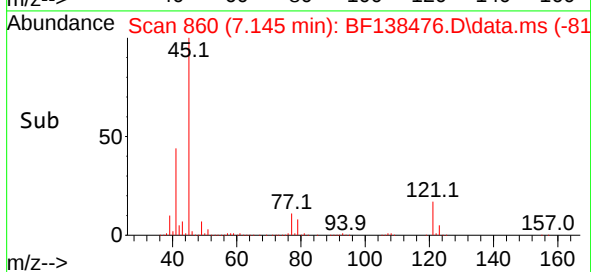
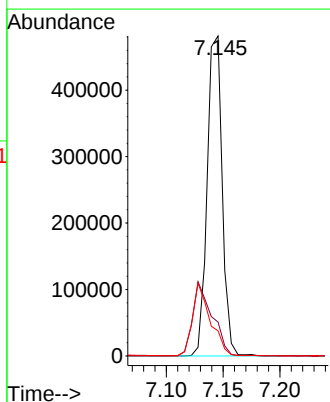
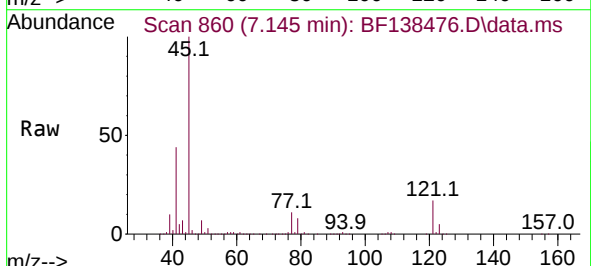
07/08/2024
Supervised By :mohammad
ahmed

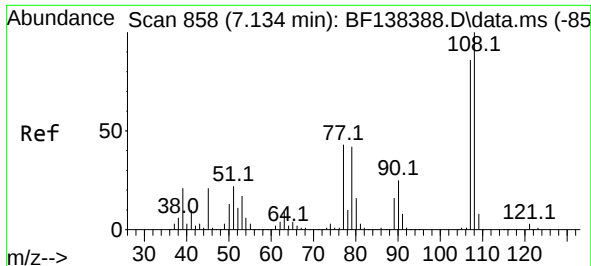
07/08/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.539 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion: 45 Resp: 442908
Ion Ratio Lower Upper
45 100
77 10.6 0.0 30.4
79 7.9 0.0 28.1





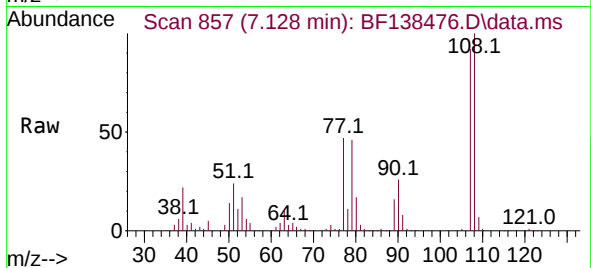
#17
2-Methylphenol
Concen: 50.894 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

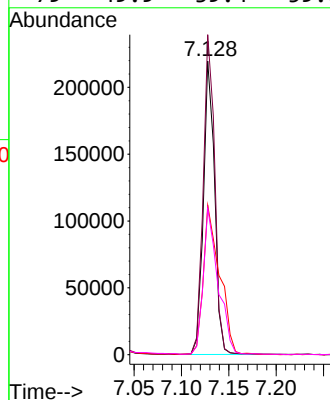
SU-04-070324MSD



Tgt Ion:107 Resp: 181728
Ion Ratio Lower Upper
107 100
108 109.0 92.6 138.8
77 50.9 40.3 60.5
79 49.9 39.4 59.0

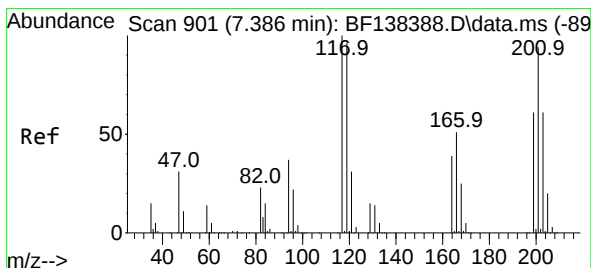
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Patel



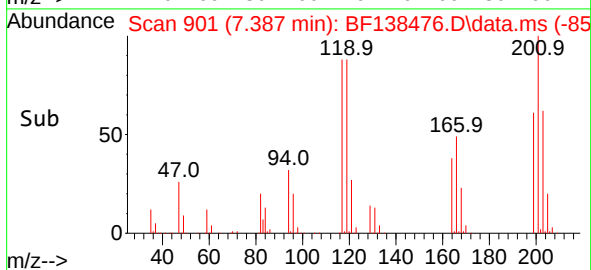
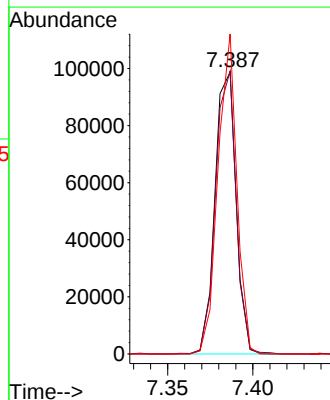
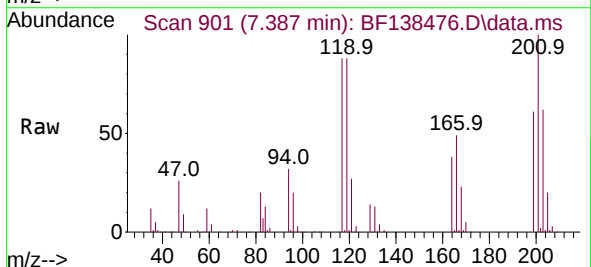
07/08/2024
Supervised By :mohammad
ahmed

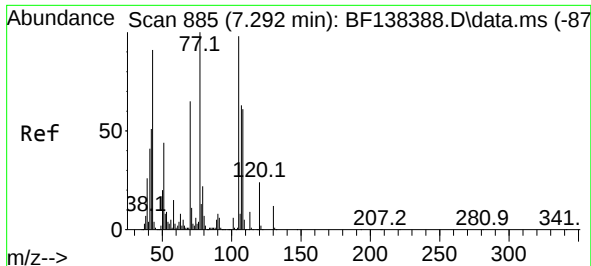
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#18
Hexachloroethane
Concen: 47.609 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

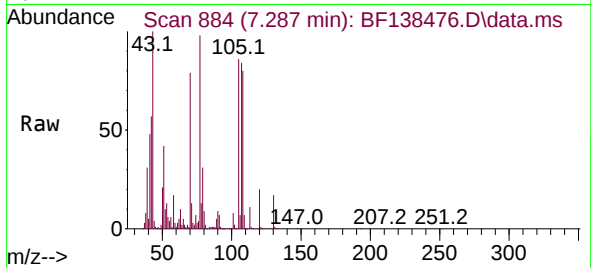
Tgt Ion:117 Resp: 84955
Ion Ratio Lower Upper
117 100
119 100.4 77.1 115.7
201 113.5 75.6 113.4#





#19
n-Nitroso-di-n-propylamine
Concen: 49.071 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

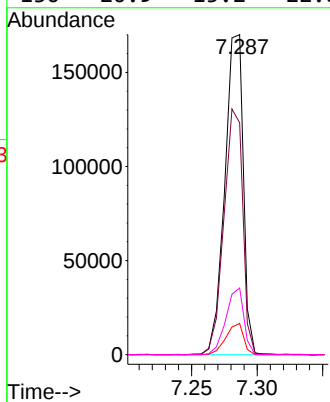
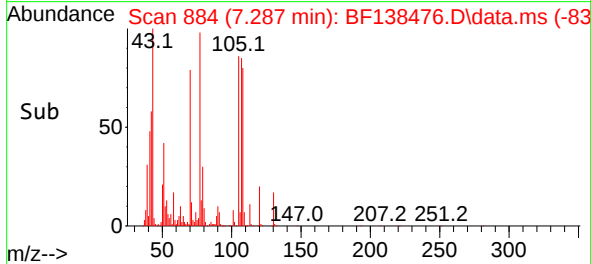
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD



Tgt Ion: 70 Resp: 167248
Ion Ratio Lower Upper
70 100
42 72.5 62.5 93.7
101 9.8 7.0 10.4
130 20.9 15.2 22.8

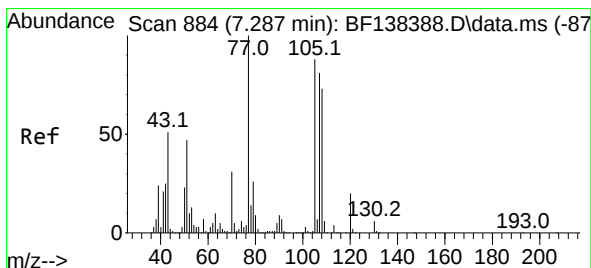
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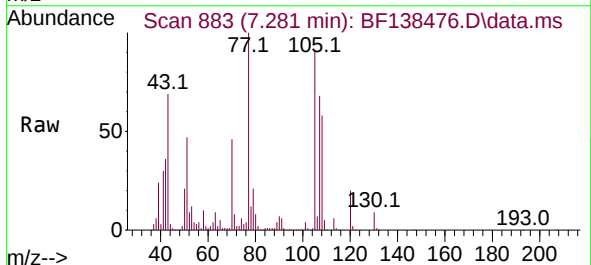


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Supervised By :mohammad
ahmed

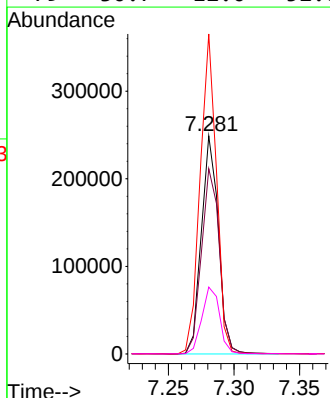
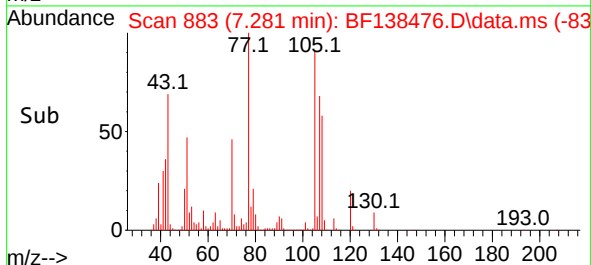
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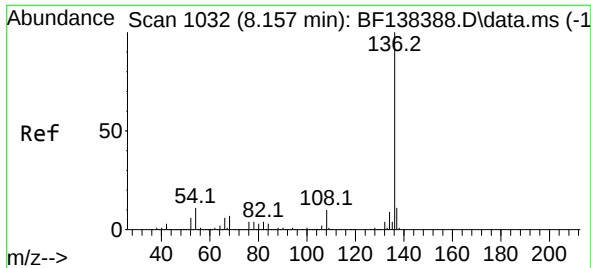


#20
3+4-Methylphenols
Concen: 54.546 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



Tgt Ion:107 Resp: 226305
Ion Ratio Lower Upper
107 100
108 84.9 70.8 110.8
77 146.7 104.0 144.0#
79 30.7 12.0 52.0





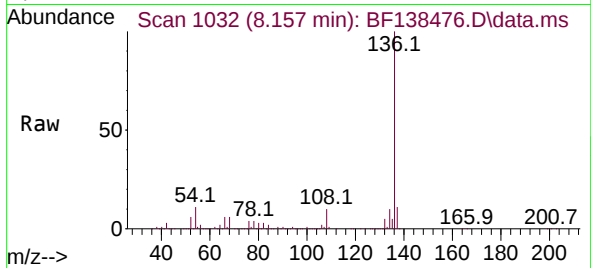
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

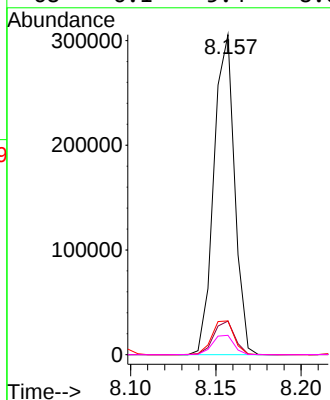
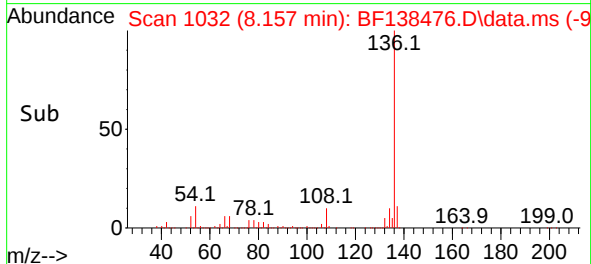
SU-04-070324MSD



Tgt Ion:136 Resp: 258400
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 10.6 9.0 13.4
68 6.1 5.4 8.0

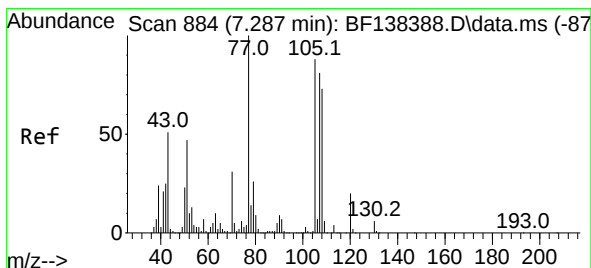
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



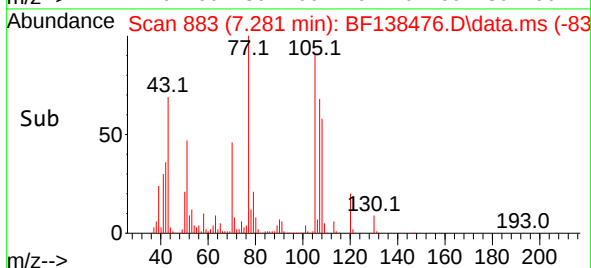
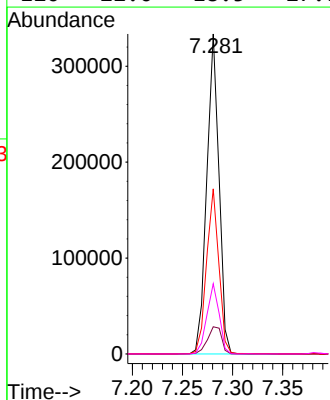
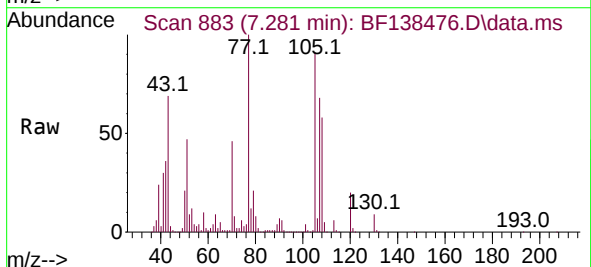
07/08/2024
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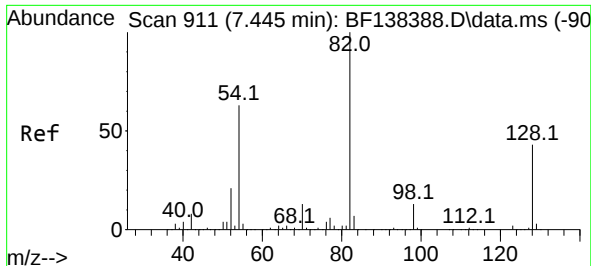
07/08/2024



#22
Acetophenone
Concen: 48.330 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:105 Resp: 283317
Ion Ratio Lower Upper
105 100
71 8.5 4.7 7.1#
51 51.6 43.2 64.8
120 22.0 18.5 27.7





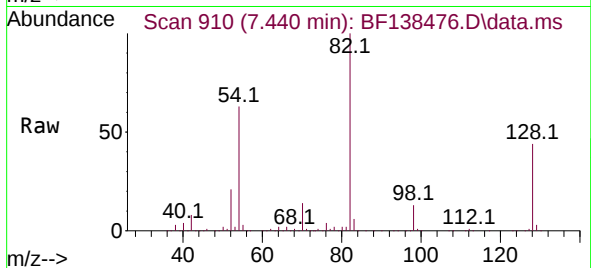
#23
Nitrobenzene-d5
Concen: 90.374 ng
RT: 7.440 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

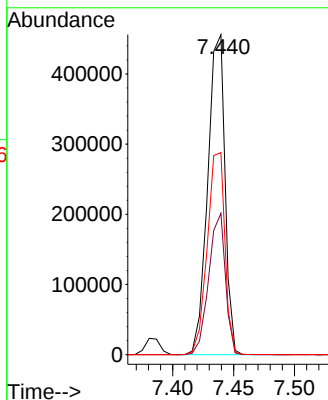
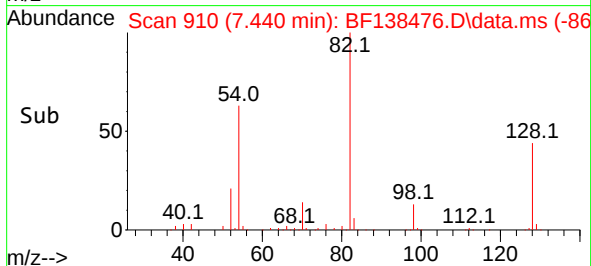
SU-04-070324MSD



Tgt Ion: 82 Resp: 449539
Ion Ratio Lower Upper
82 100
128 44.1 34.6 52.0
54 63.1 50.5 75.7

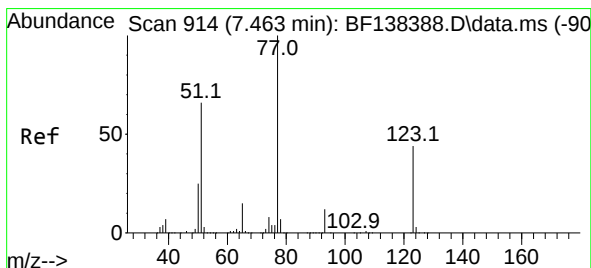
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



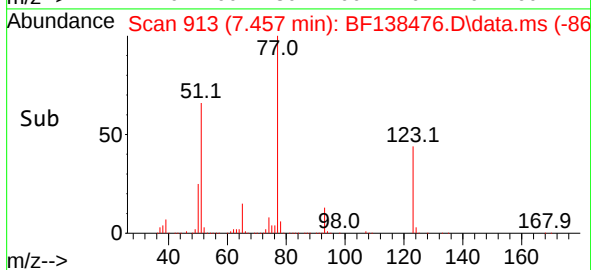
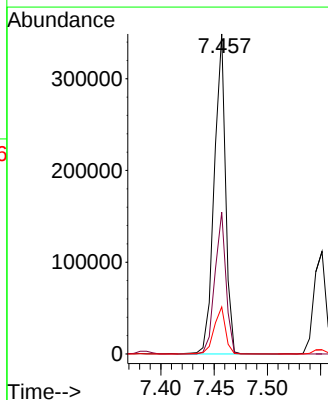
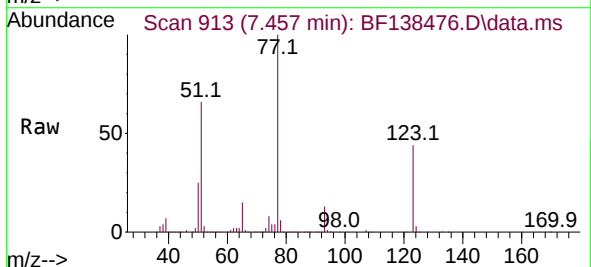
07/08/2024
Supervised By :mohammad
ahmed

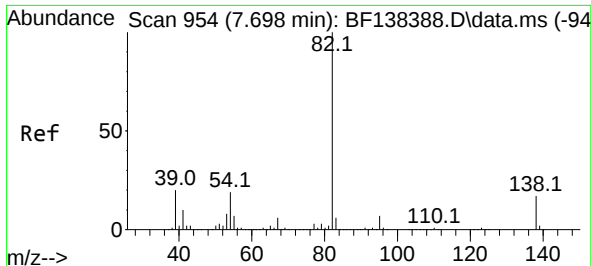
07/08/2024



#24
Nitrobenzene
Concen: 50.701 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion: 77 Resp: 256512
Ion Ratio Lower Upper
77 100
123 44.3 35.0 52.6
65 14.7 12.1 18.1





#25
Isophorone
Concen: 48.648 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

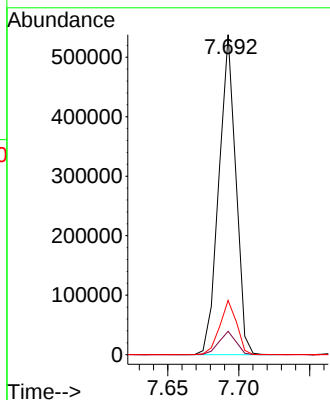
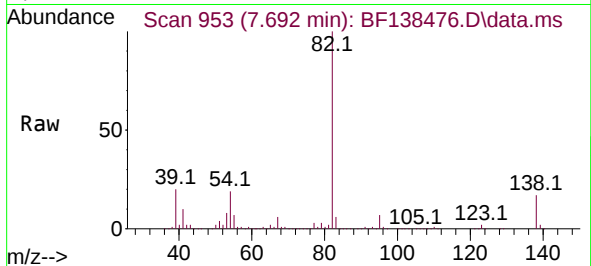
ClientSampleId :

SU-04-070324MSD

Tgt Ion: 82 Resp: 44620
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 17.0 13.4 20.2

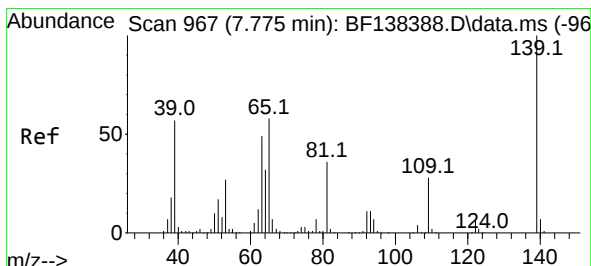
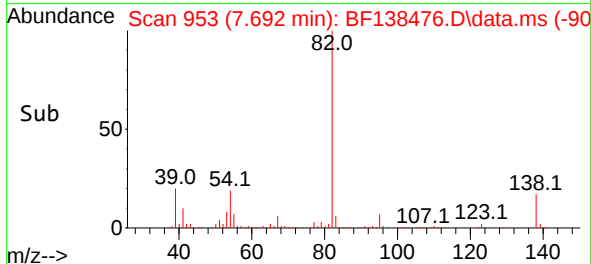
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



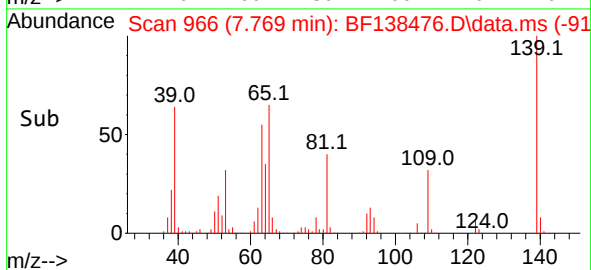
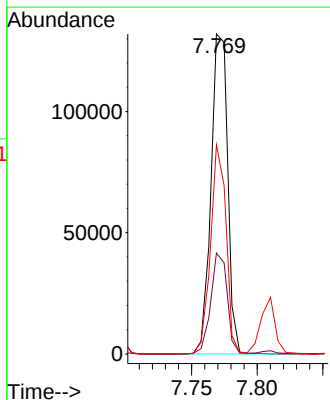
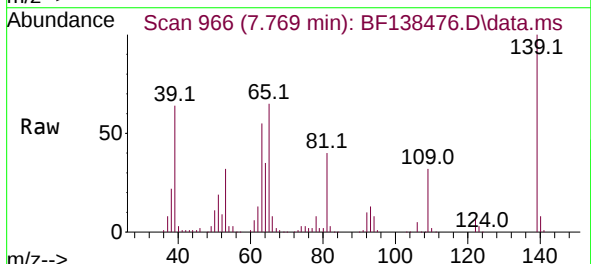
07/08/2024
Supervised By :mohammad
ahmed

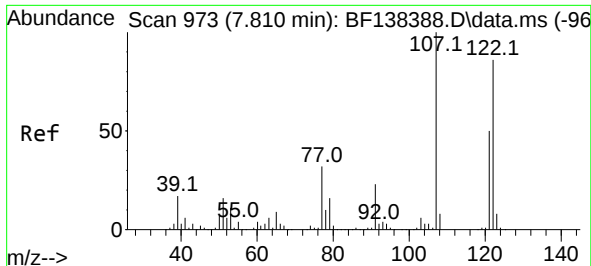
07/08/2024



#26
2-Nitrophenol
Concen: 53.571 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:139 Resp: 116905
Ion Ratio Lower Upper
139 100
109 31.5 22.5 33.7
65 65.3 46.2 69.2





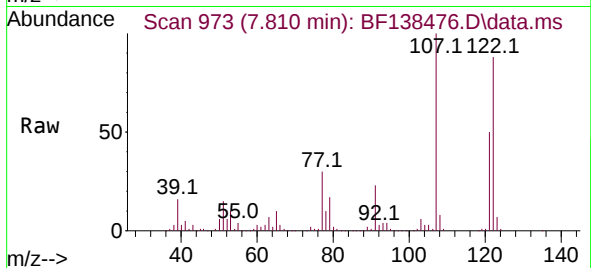
#27
2,4-Dimethylphenol
Concen: 56.072 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

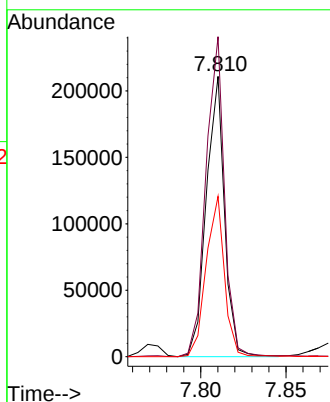
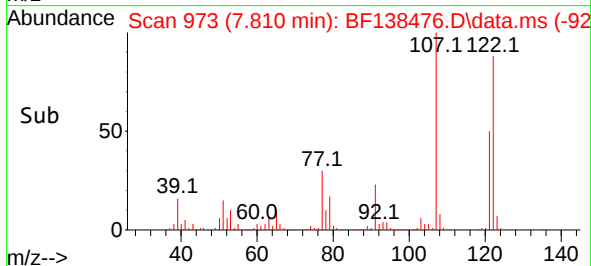
SU-04-070324MSD



Tgt Ion:122 Resp: 156600
Ion Ratio Lower Upper
122 100
107 114.1 92.5 138.7
121 57.2 46.5 69.7

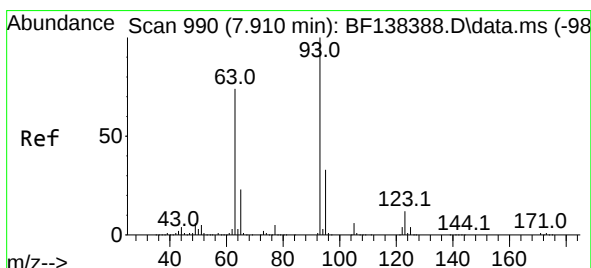
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



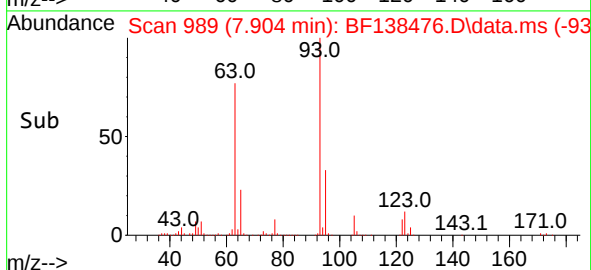
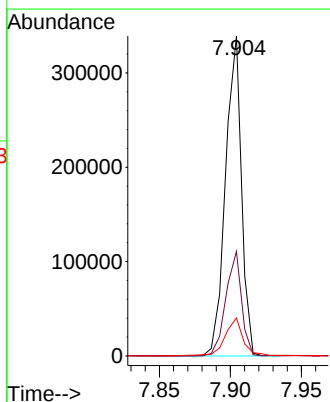
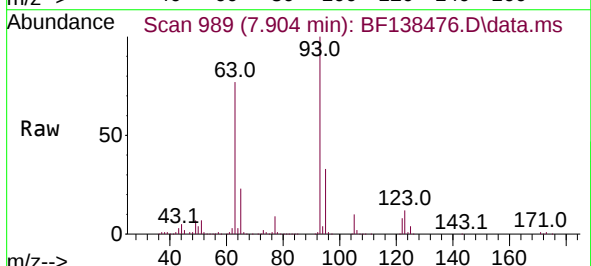
07/08/2024
Supervised By :mohammad
ahmed

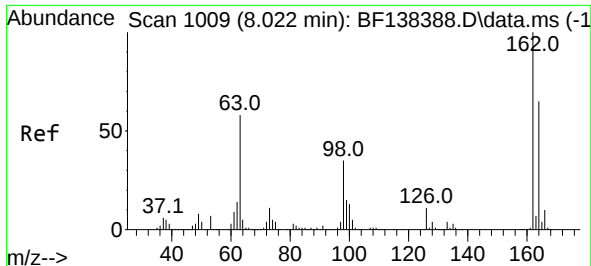
07/08/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.995 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion: 93 Resp: 264970
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 11.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 50.205 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

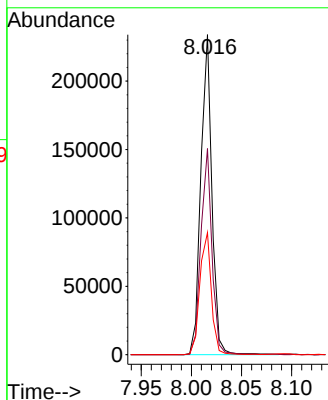
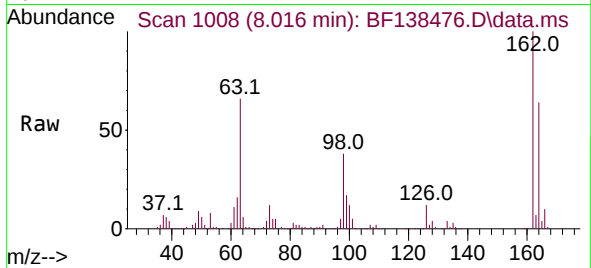
SU-04-070324MSD

Tgt Ion:	162	Resp:	180090
Ion Ratio	Lower	Upper	
162	100		
164	64.4	45.4	85.4
98	38.2	15.2	55.2

Manual Integrations

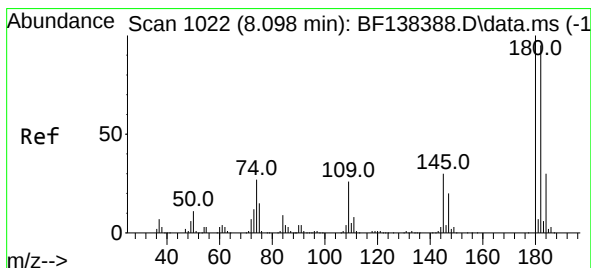
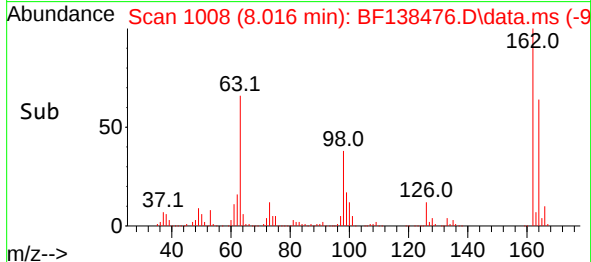
APPROVED

Reviewed By :Yogesh
Patel



07/08/2024
Supervised By :mohammad
ahmed

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#30

1,2,4-Trichlorobenzene

Concen: 47.398 ng

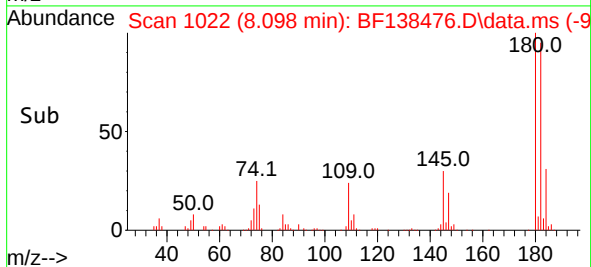
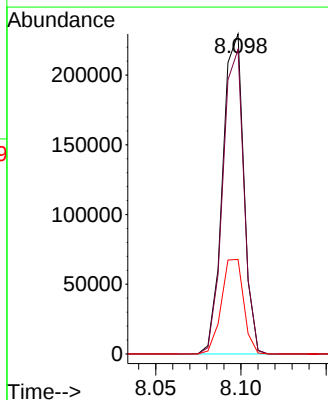
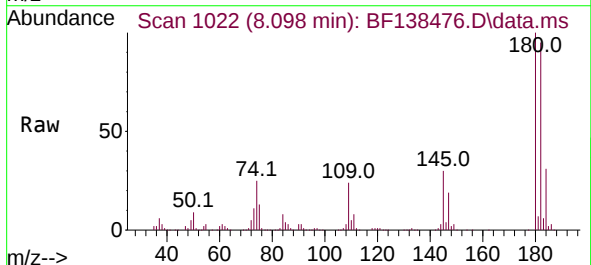
RT: 8.098 min Scan# 1022

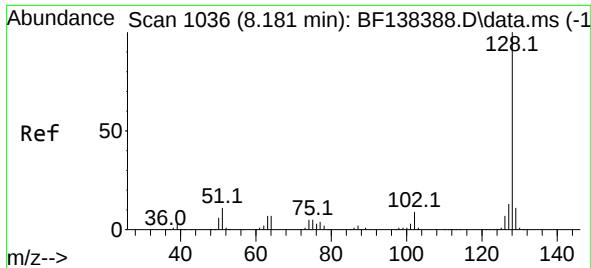
Delta R.T. 0.000 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

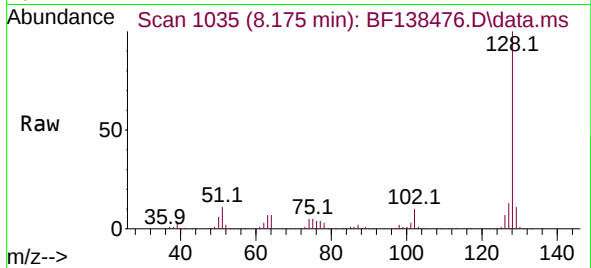
Tgt Ion:	180	Resp:	197690
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.0	114.0
145	29.6	24.2	36.2





#31
Naphthalene
Concen: 49.405 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

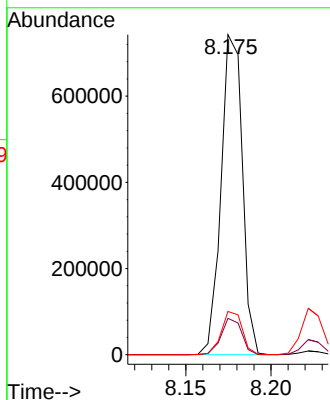
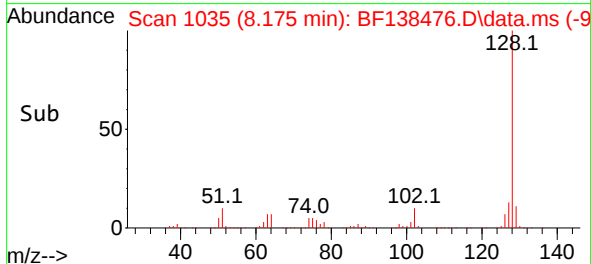
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD



Tgt Ion:128 Resp: 645370
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.6 16.0

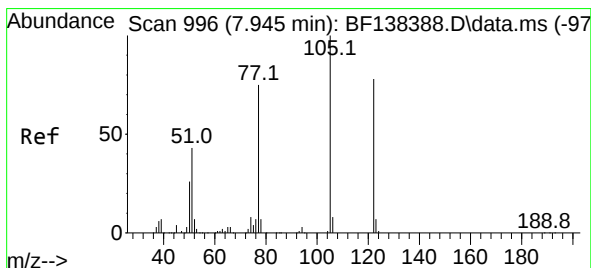
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



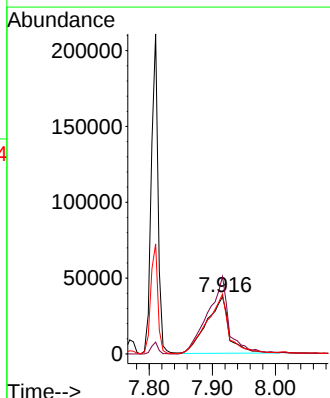
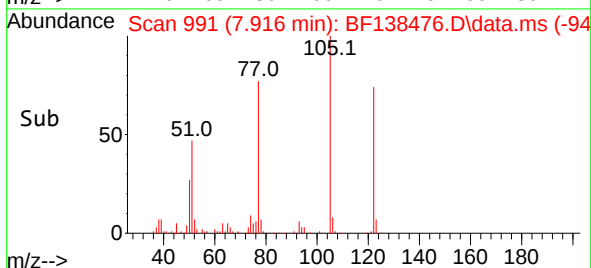
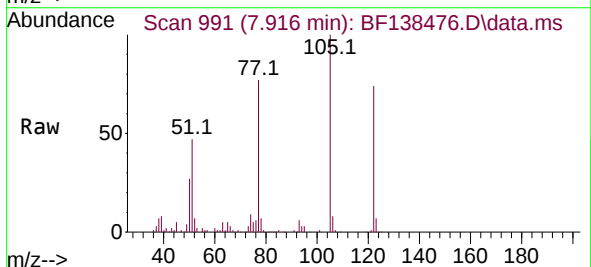
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Supervised By :mohammad
ahmed

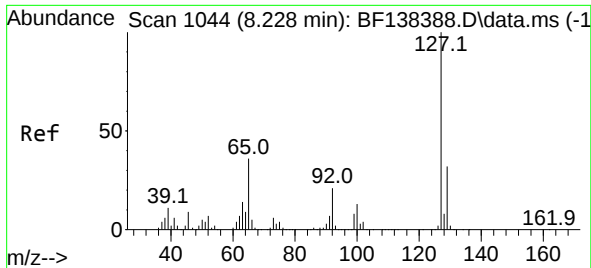
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#32
Benzoic acid
Concen: 37.169 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.029 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:122 Resp: 92305
Ion Ratio Lower Upper
122 100
105 135.7 103.8 143.8
77 105.0 74.3 114.3





#33
4-Chloroaniline
Concen: 22.712 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

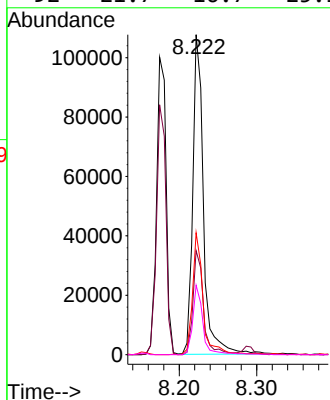
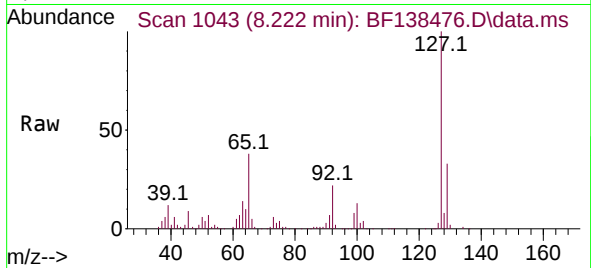
ClientSampleId :

SU-04-070324MSD

Tgt Ion:	127	Resp:	10361
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.4	38.2
65	38.1	28.7	43.1
92	21.7	16.7	25.1

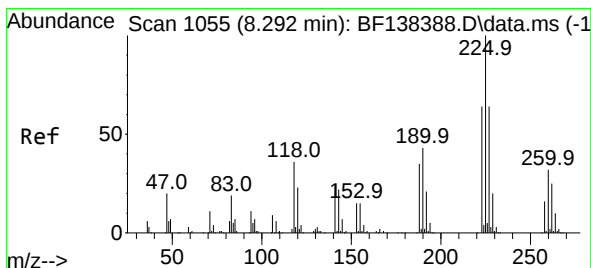
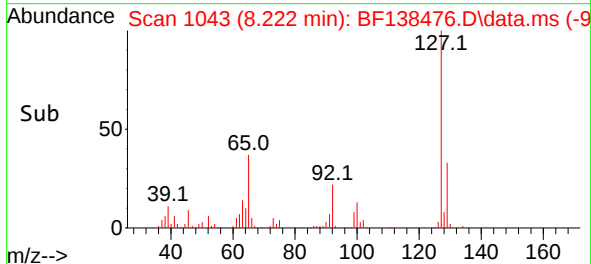
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



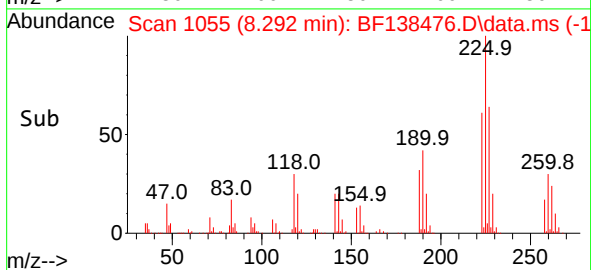
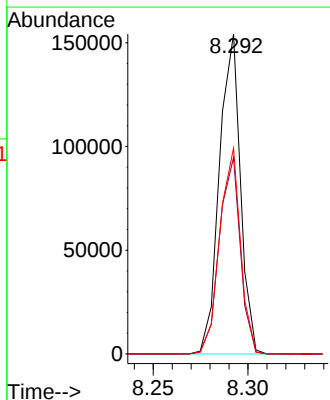
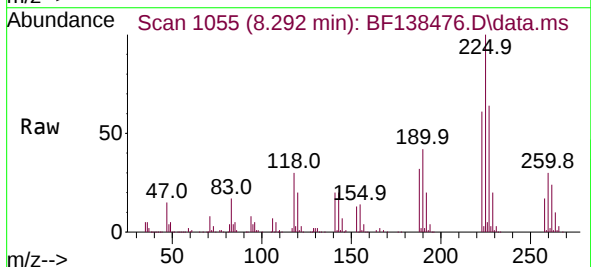
07/08/2024
Supervised By :mohammad
ahmed

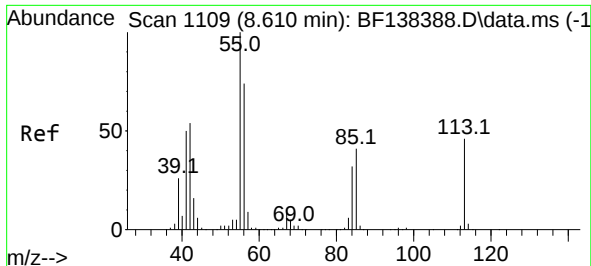
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#34
Hexachlorobutadiene
Concen: 47.512 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:	225	Resp:	118978
Ion Ratio	Lower	Upper	
225	100		
223	61.4	51.0	76.6
227	64.3	51.2	76.8





#35
Caprolactam
Concen: 48.811 ng
RT: 8.586 min Scan# 1109
Delta R.T. -0.023 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

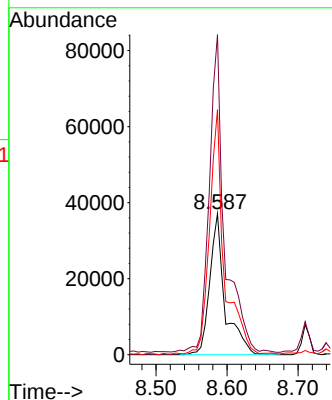
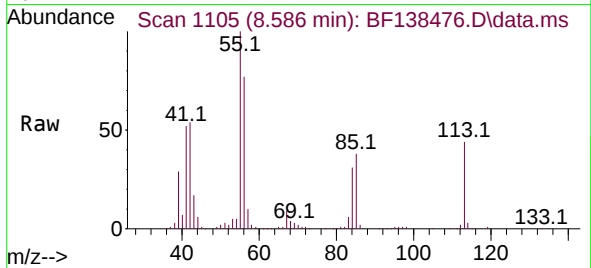
ClientSampleId :

SU-04-070324MSD

Tgt Ion:113 Resp: 5529
Ion Ratio Lower Upper
113 100
55 227.0 195.9 235.9
56 173.9 138.7 178.7

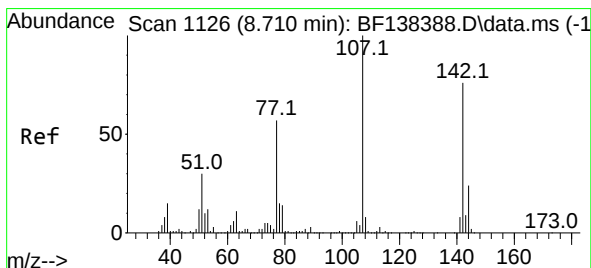
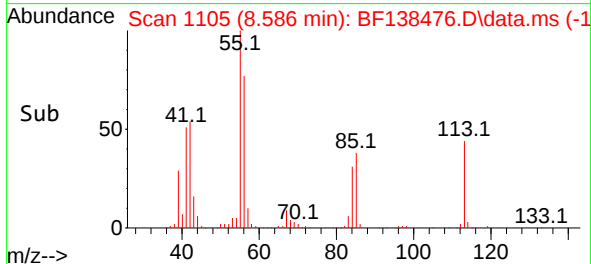
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



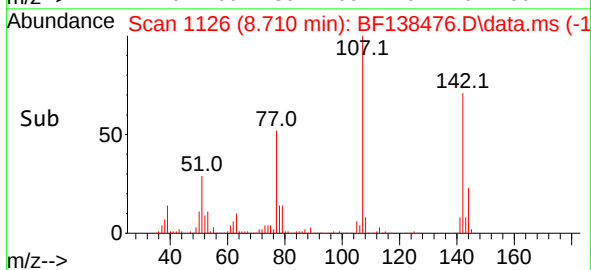
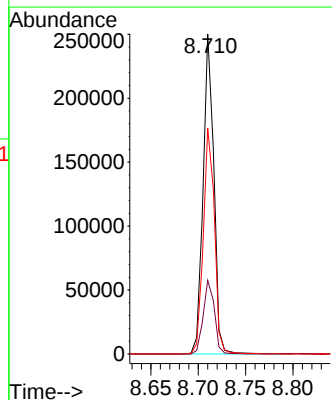
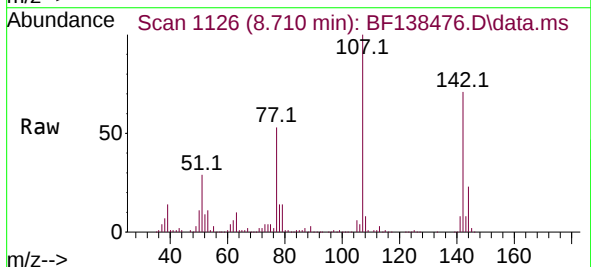
07/08/2024
Supervised By :mohammad
ahmed

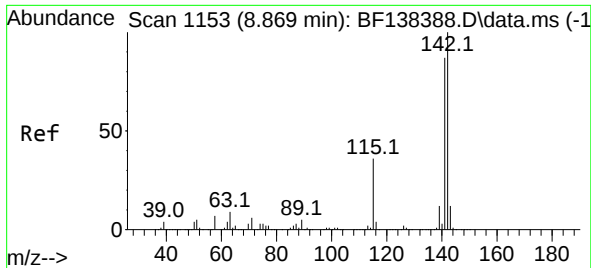
07/08/2024



#36
4-Chloro-3-methylphenol
Concen: 51.501 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:107 Resp: 196783
Ion Ratio Lower Upper
107 100
144 23.0 19.2 28.8
142 70.6 61.0 91.6





#37
2-Methylnaphthalene
Concen: 47.380 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

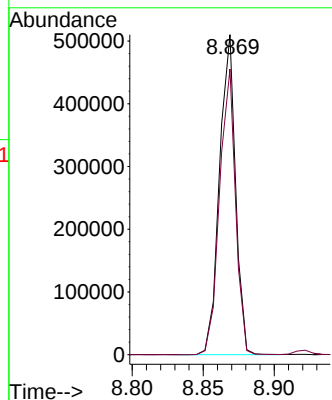
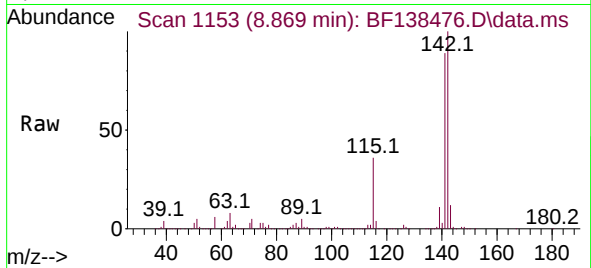
ClientSampleId :

SU-04-070324MSD

Tgt Ion:142 Resp: 40000
Ion Ratio Lower Upper
142 100
141 89.3 69.6 104.4

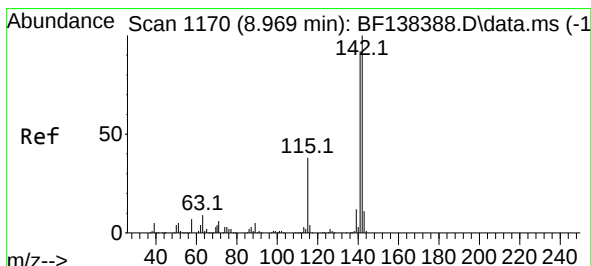
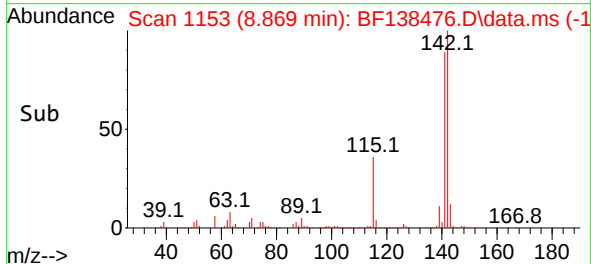
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



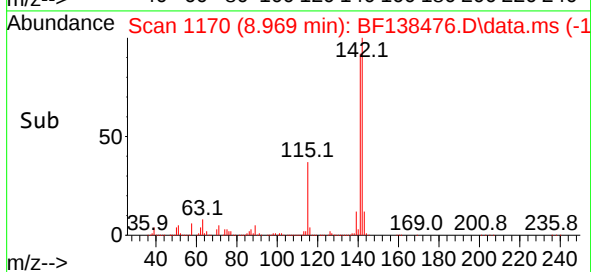
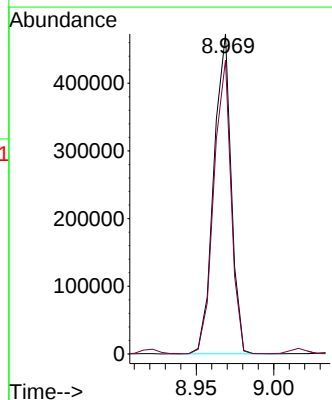
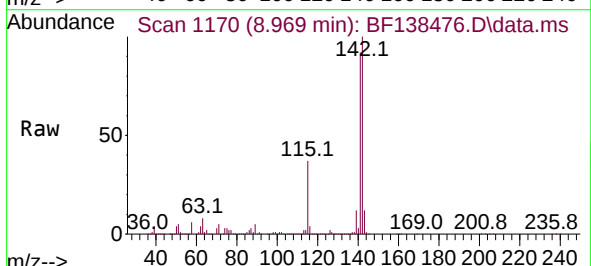
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Supervised By :mohammad
ahmed

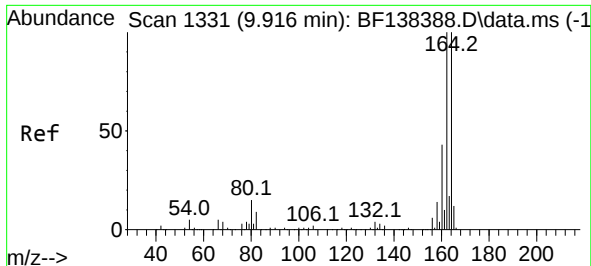
07/08/2024



#38
1-Methylnaphthalene
Concen: 45.061 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:142 Resp: 368947
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5





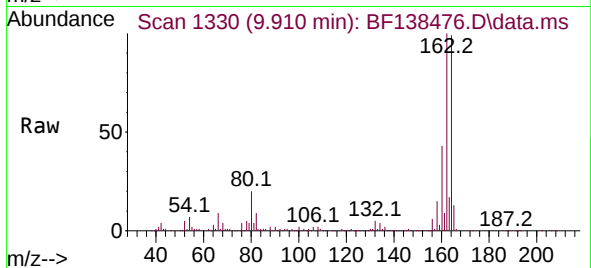
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

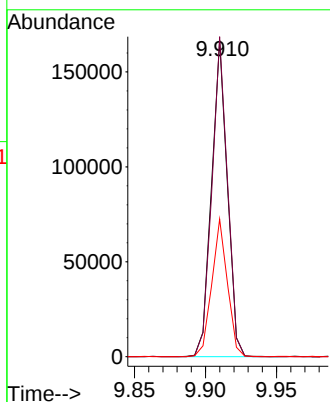
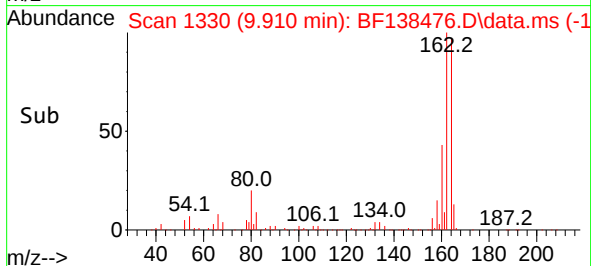
SU-04-070324MSD



Tgt Ion:164 Resp: 12831
Ion Ratio Lower Upper
164 100
162 101.1 80.1 120.1
160 43.5 34.1 51.1

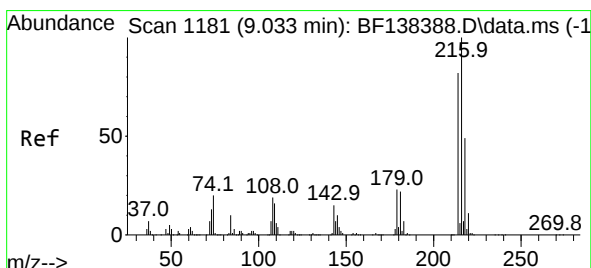
Manual Integrations
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Reviewed By :Yogesh
Patel

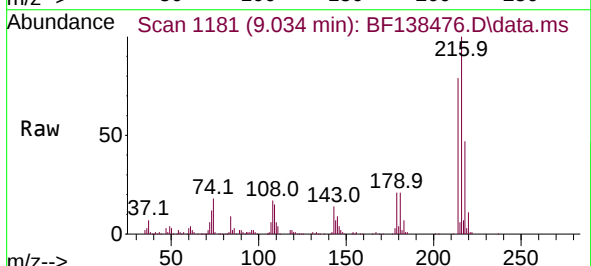


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Supervised By :mohammad
ahmed

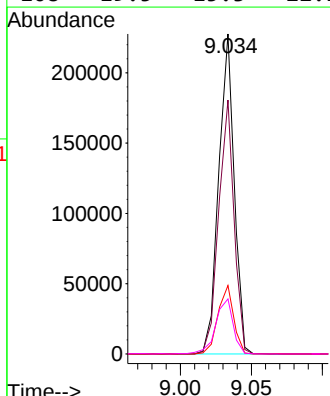
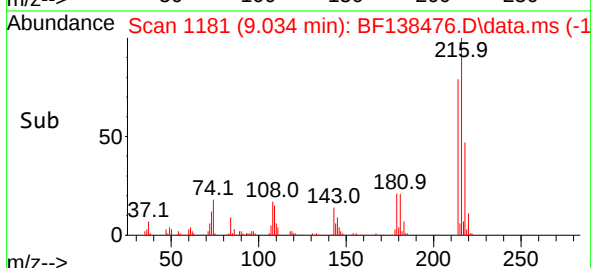
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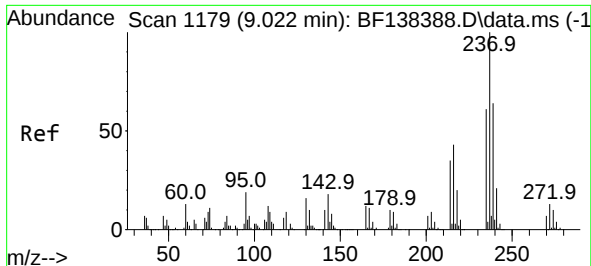


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.626 ng
RT: 9.034 min Scan# 1181
Delta R.T. 0.001 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



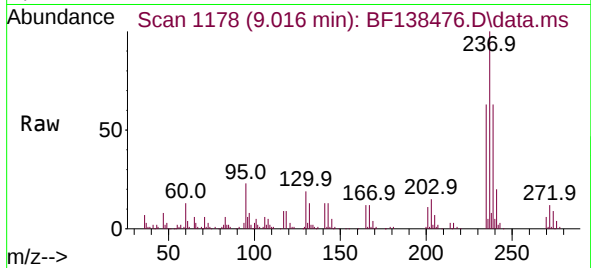
Tgt Ion:216 Resp: 172580
Ion Ratio Lower Upper
216 100
214 78.7 64.2 96.4
179 21.7 17.4 26.0
108 19.5 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 48.111 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

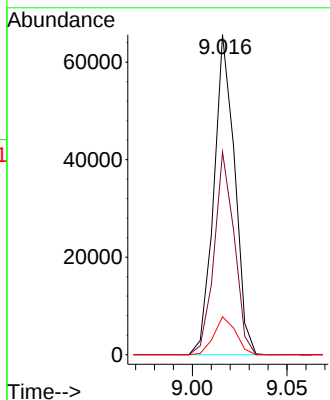
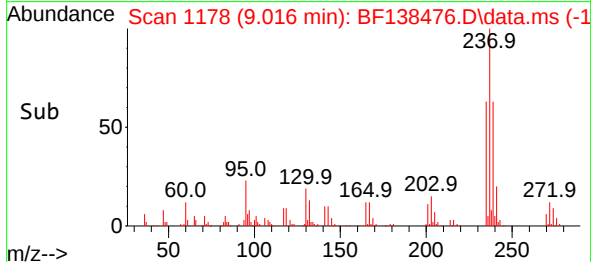
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD



Tgt Ion:237 Resp: 5026
Ion Ratio Lower Upper
237 100
235 63.4 41.4 81.4
272 11.8 0.0 33.1

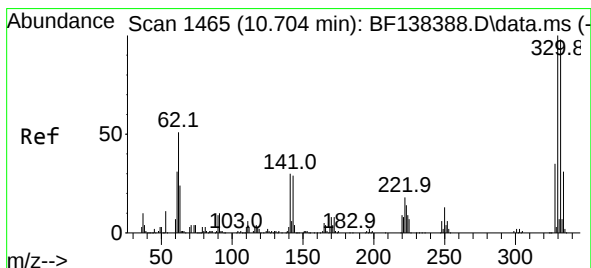
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

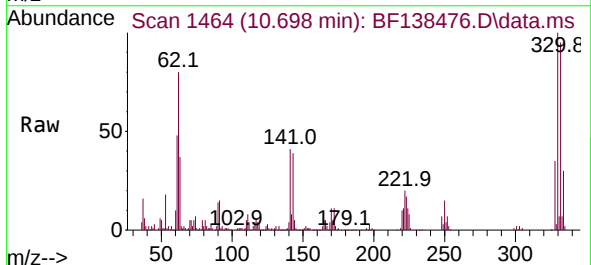


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Supervised By :mohammad
ahmed

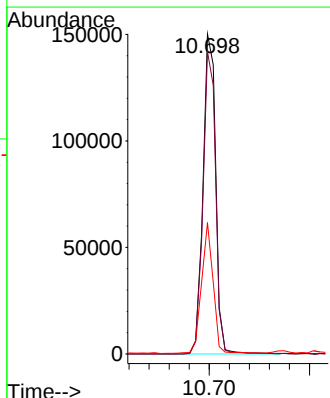
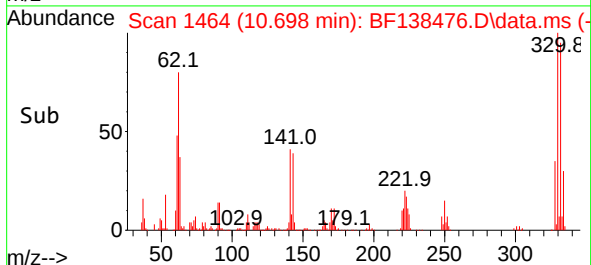
07/08/2024

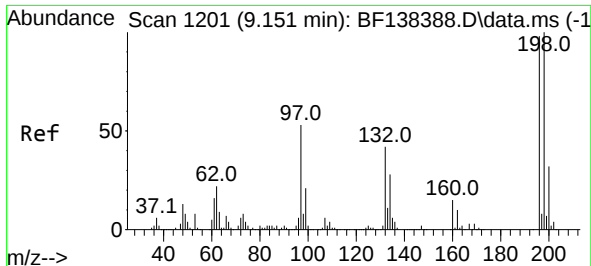


#42
2,4,6-Tribromophenol
Concen: 126.788 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



Tgt Ion:330 Resp: 132915
Ion Ratio Lower Upper
330 100
332 94.0 77.0 115.6
141 37.2 28.1 42.1





#43

2,4,6-Trichlorophenol

Concen: 53.043 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD

Tgt Ion:196 Resp: 119790

Ion Ratio Lower Upper

196 100

198 99.5 81.8 122.8

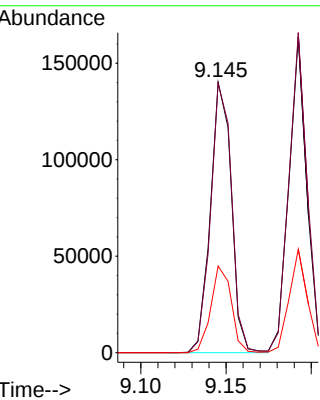
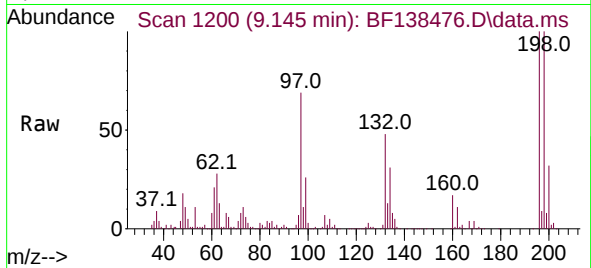
200 32.0 26.2 39.4

Manual Integrations

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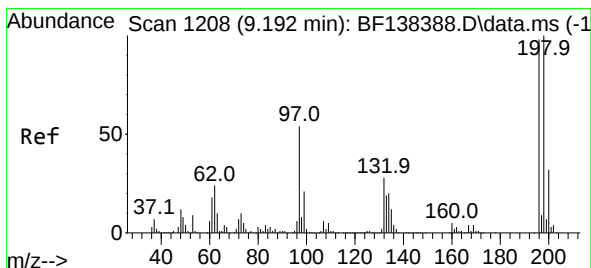
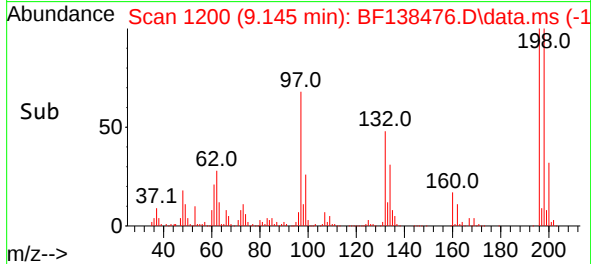
Patel



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Supervised By :mohammad
ahmed

07/08/2024



#44

2,4,5-Trichlorophenol

Concen: 49.623 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Tgt Ion:196 Resp: 121879

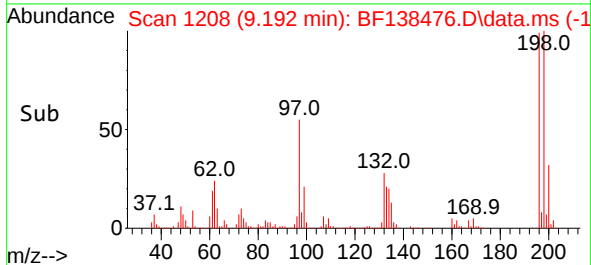
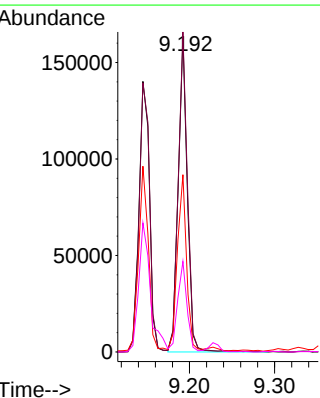
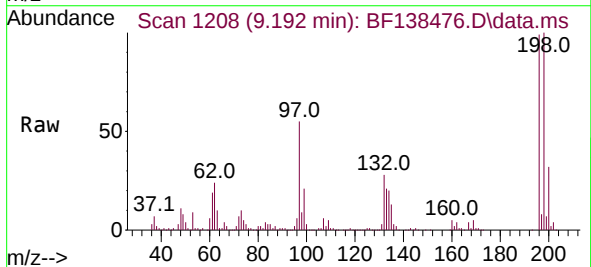
Ion Ratio Lower Upper

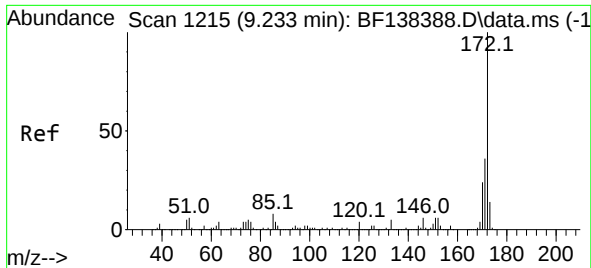
196 100

198 101.3 81.8 122.6

97 56.1 44.2 66.4

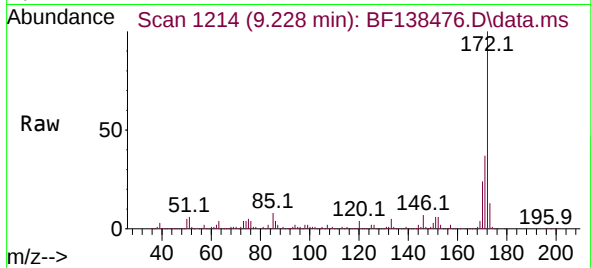
132 28.6 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 92.763 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

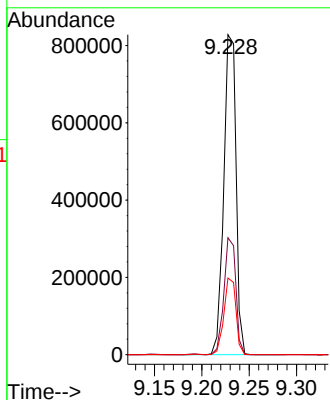
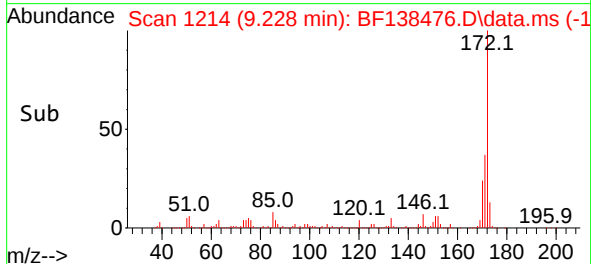
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD



Tgt Ion:172 Resp: 747908
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.0 19.0 28.6

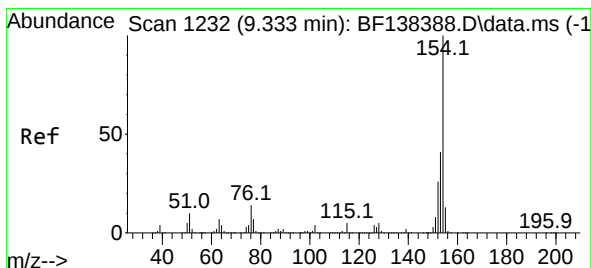
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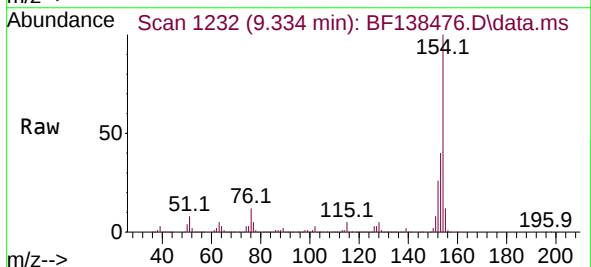


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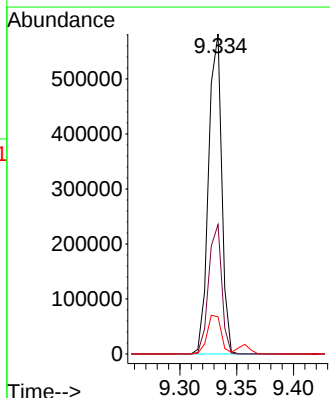
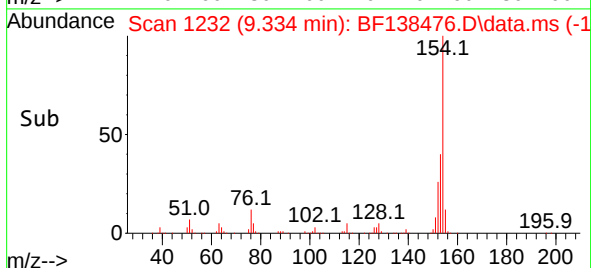
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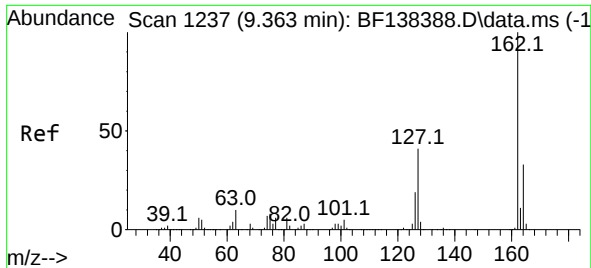


#46
1,1'-Biphenyl
Concen: 48.684 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



Tgt Ion:154 Resp: 466424
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 11.6 0.0 34.4





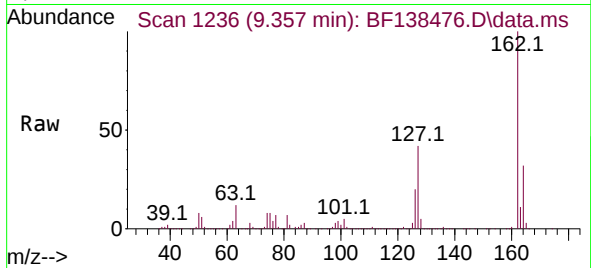
#47
2-Chloronaphthalene
Concen: 49.650 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

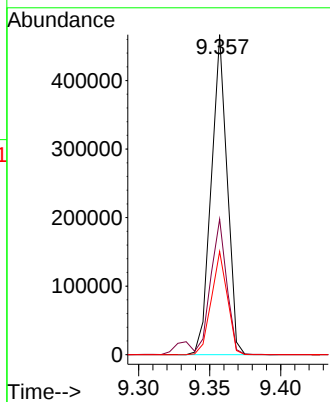
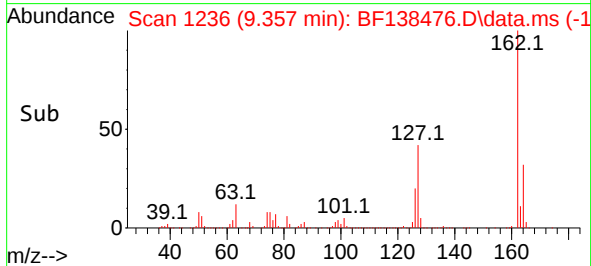
SU-04-070324MSD



Tgt Ion:162 Resp: 36268
Ion Ratio Lower Upper
162 100
127 42.3 32.7 49.1
164 32.2 26.6 40.0

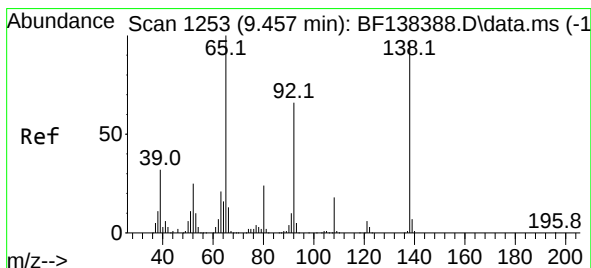
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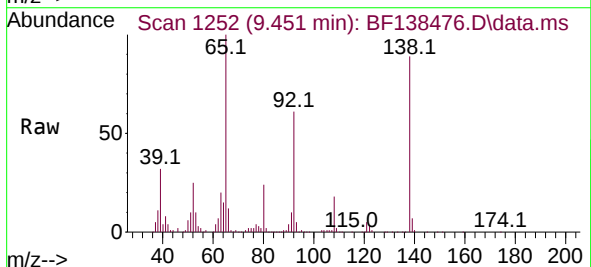


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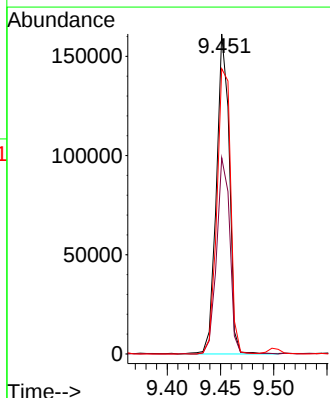
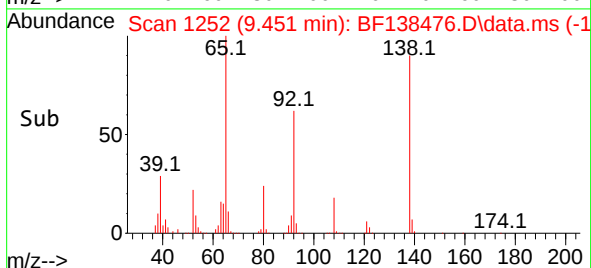
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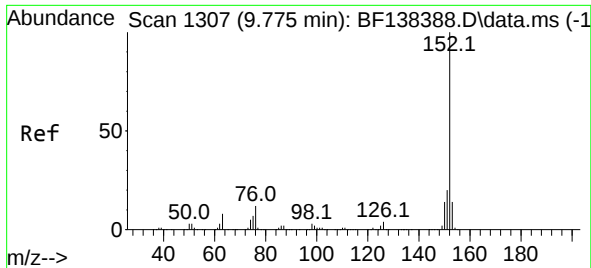


#48
2-Nitroaniline
Concen: 57.611 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



Tgt Ion: 65 Resp: 135748
Ion Ratio Lower Upper
65 100
92 61.3 52.6 79.0
138 89.1 77.4 116.0





#49
Acenaphthylene
Concen: 53.876 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

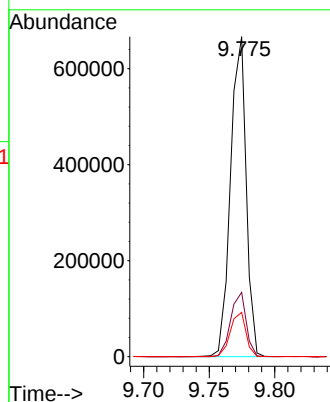
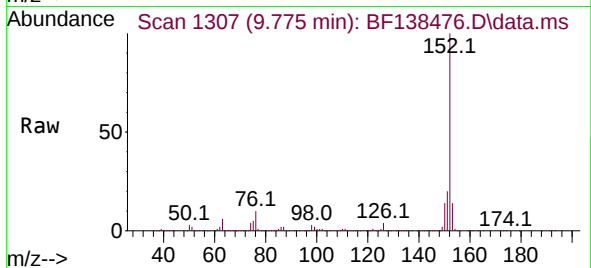
ClientSampleId :

SU-04-070324MSD

Tgt Ion:152 Resp: 55348
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.9 11.4 17.2

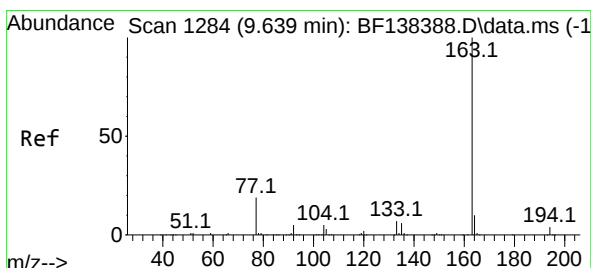
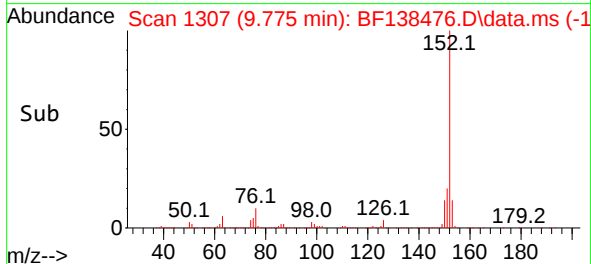
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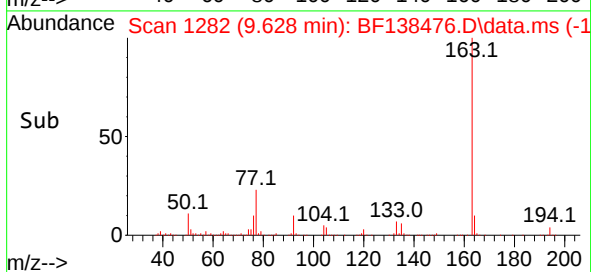
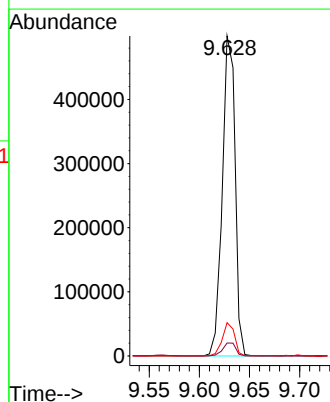
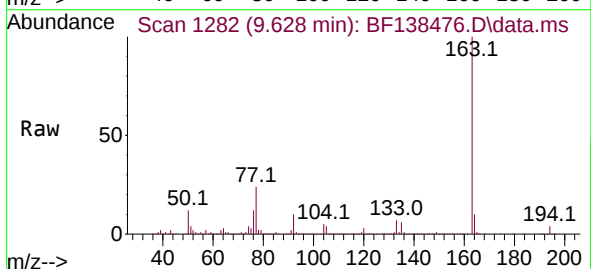
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Supervised By :mohammad
ahmed

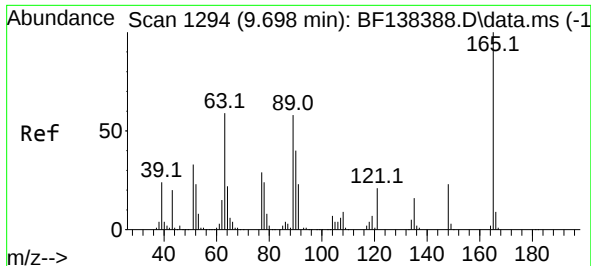
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#50
Dimethylphthalate
Concen: 53.648 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:163 Resp: 442399
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 50.764 ng
RT: 9.692 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

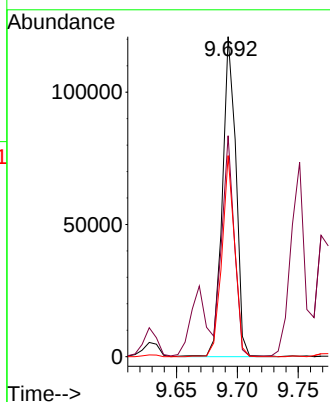
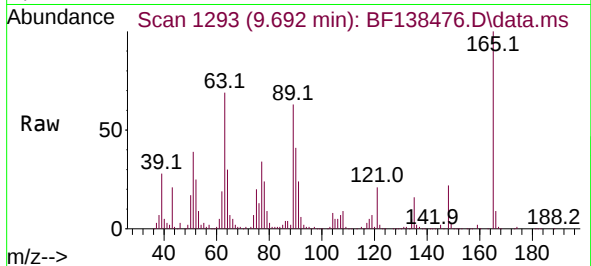
ClientSampleId :

SU-04-070324MSD

Tgt Ion:165 Resp: 9375
Ion Ratio Lower Upper
165 100
63 69.0 53.8 80.8
89 62.8 46.4 69.6

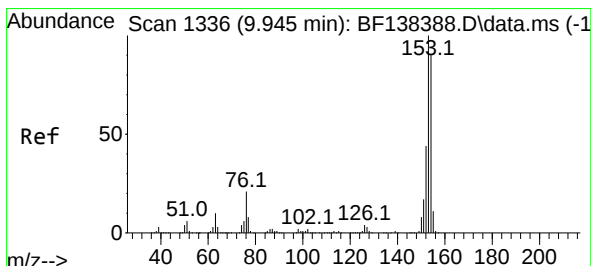
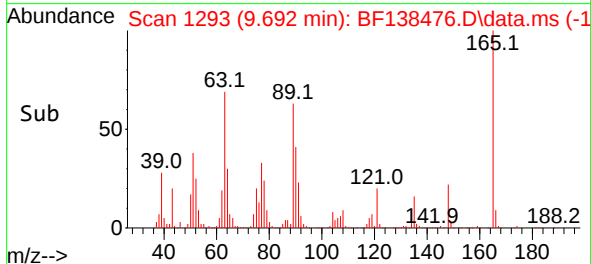
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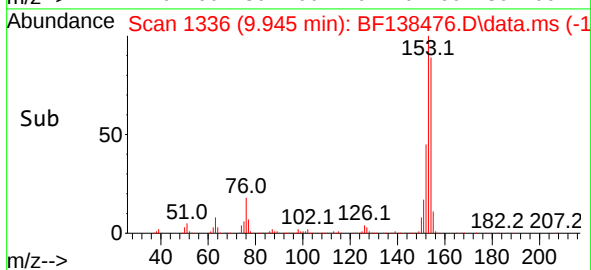
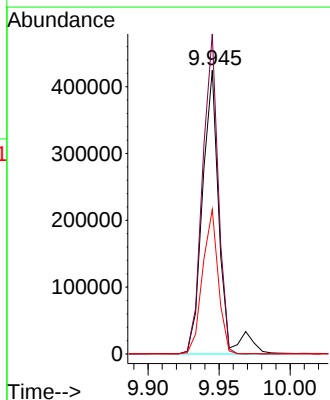
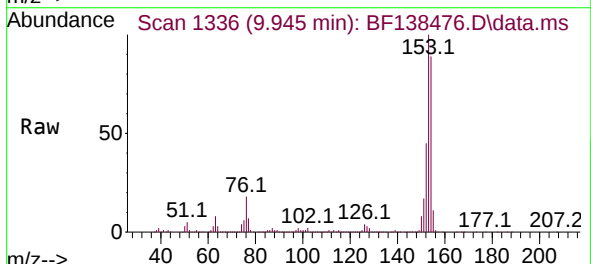
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Supervised By :mohammad
ahmed

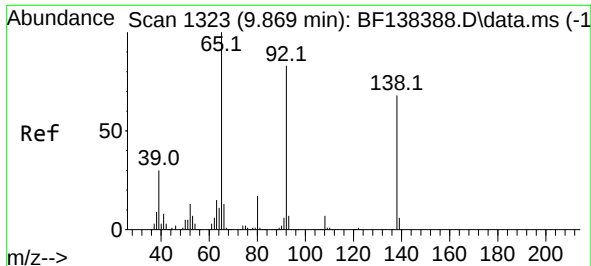
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#52
Acenaphthene
Concen: 49.914 ng m
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:154 Resp: 351113
Ion Ratio Lower Upper
154 100
153 112.8 89.4 134.0
152 50.9 39.7 59.5





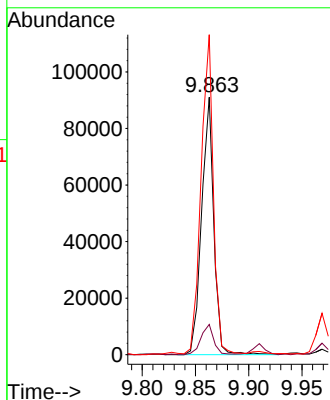
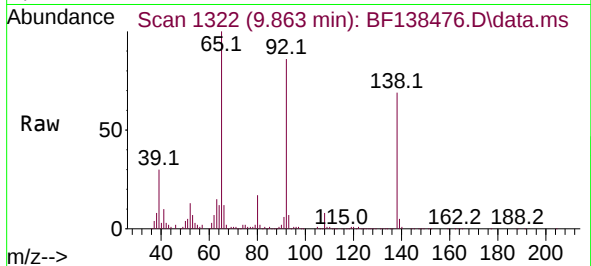
#53
3-Nitroaniline
Concen: 39.986 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

Tgt Ion:138 Resp: 72938
Ion Ratio Lower Upper
138 100
108 11.8 8.6 12.8
92 124.3 97.3 145.9

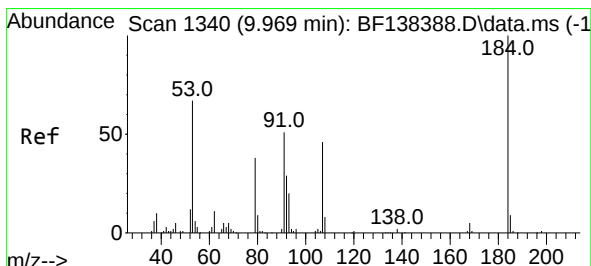
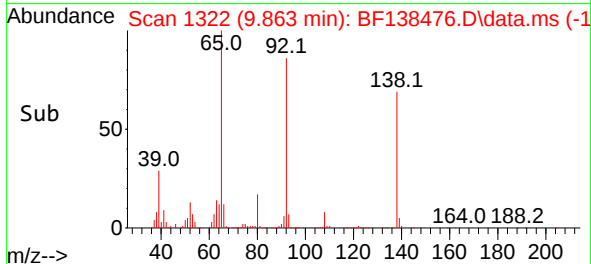
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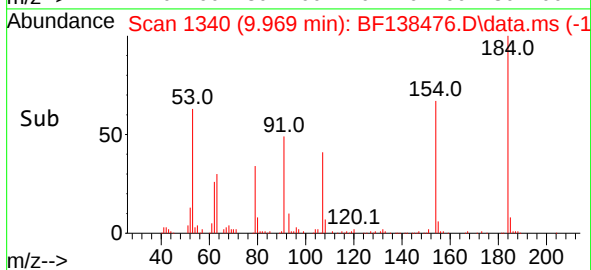
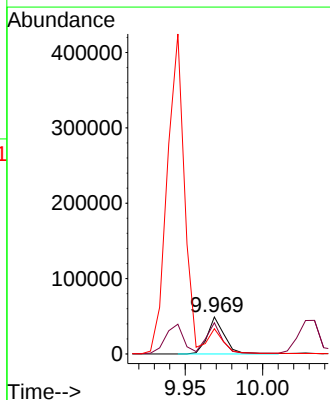
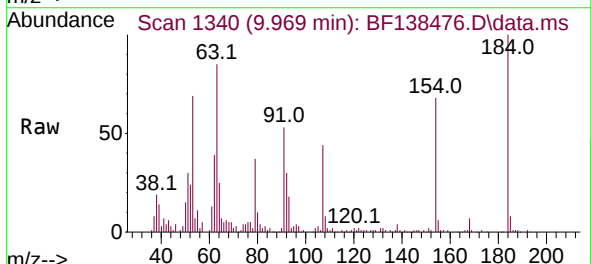
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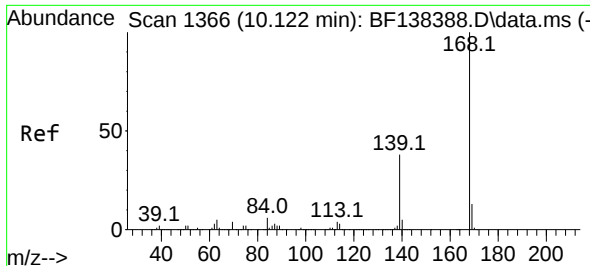
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#54
2,4-Dinitrophenol
Concen: 51.821 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

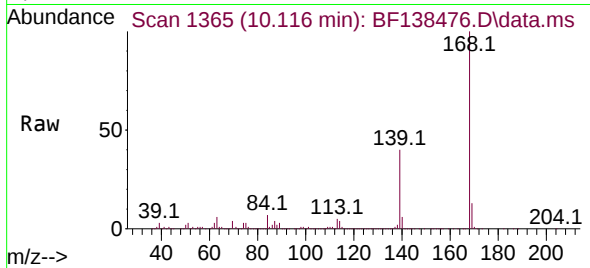
Tgt Ion:184 Resp: 37715
Ion Ratio Lower Upper
184 100
63 84.6 67.3 100.9
154 68.3 51.0 76.4





#55
Dibenzenofuran
Concen: 49.274 ng
RT: 10.116 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

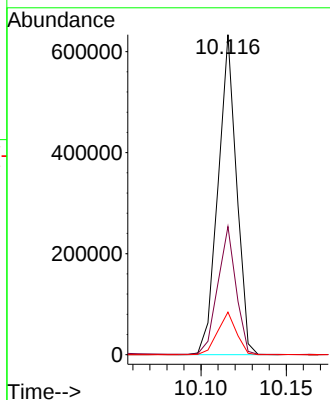
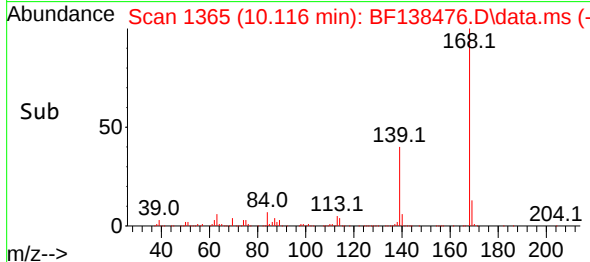
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD



Tgt Ion:168 Resp: 47756
Ion Ratio Lower Upper
168 100
139 40.0 30.4 45.6
169 13.3 10.7 16.1

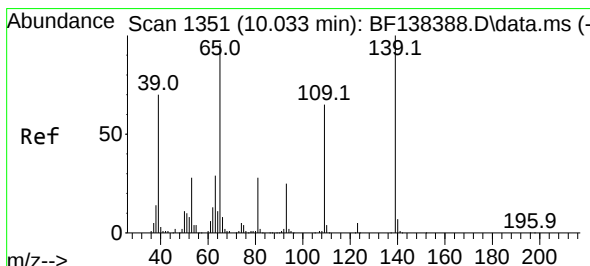
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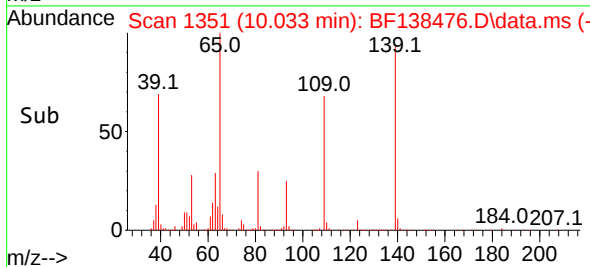
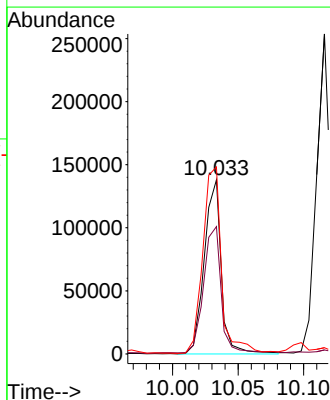
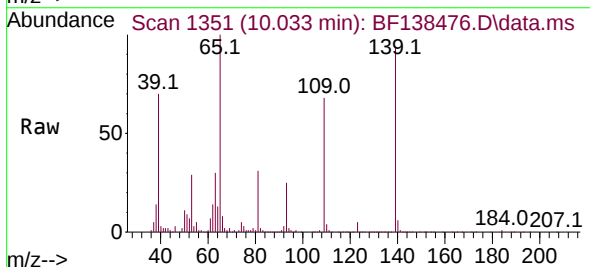
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ahmed

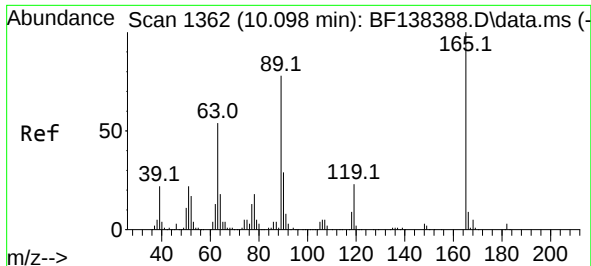
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#56
4-Nitrophenol
Concen: 105.705 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:139 Resp: 125016
Ion Ratio Lower Upper
139 100
109 73.2 44.6 84.6
65 107.5 75.9 115.9





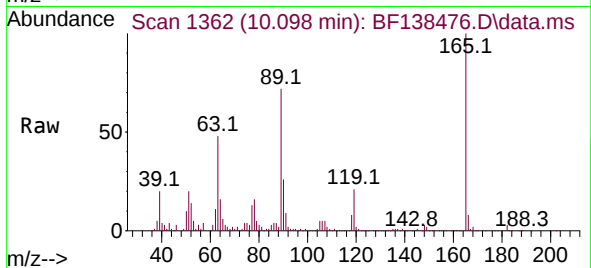
#57
2,4-Dinitrotoluene
Concen: 50.848 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

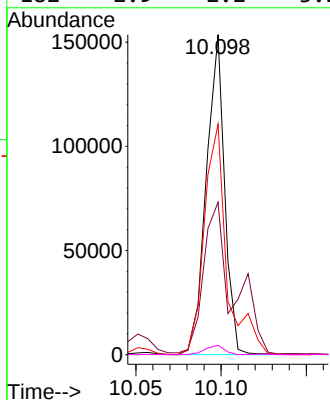
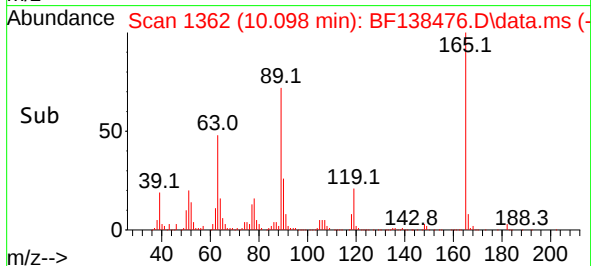
SU-04-070324MSD



Tgt Ion:165 Resp: 115629
Ion Ratio Lower Upper
165 100
63 47.6 43.4 65.2
89 72.1 62.6 93.8
182 2.9 2.2 3.2

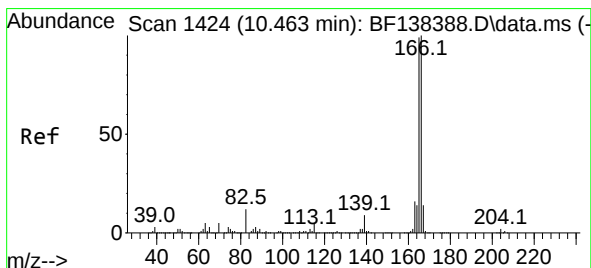
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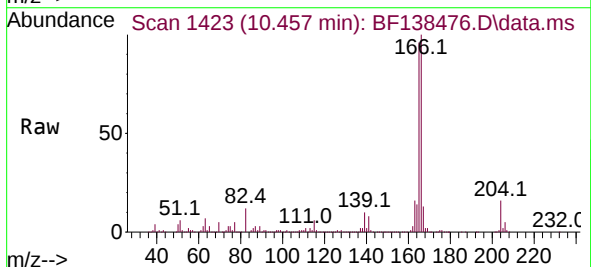


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Supervised By :mohammad
ahmed

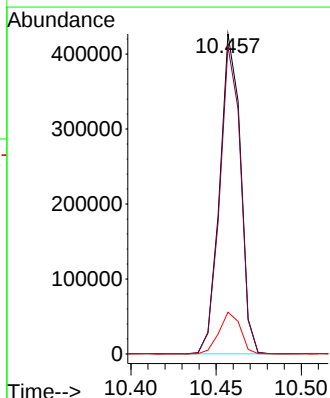
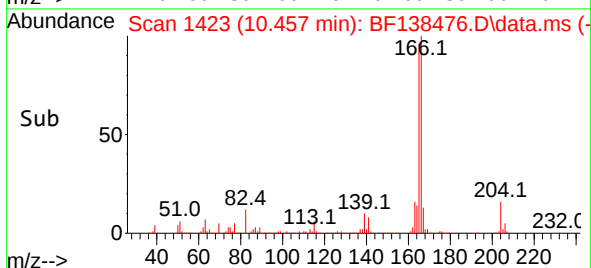
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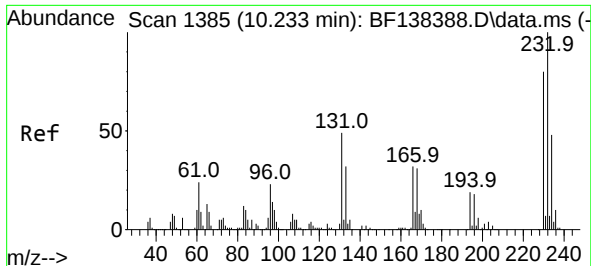


#58
Fluorene
Concen: 47.030 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



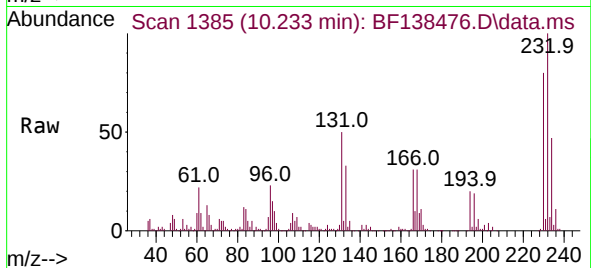
Tgt Ion:166 Resp: 362191
Ion Ratio Lower Upper
166 100
165 96.2 79.0 118.6
167 13.1 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.646 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

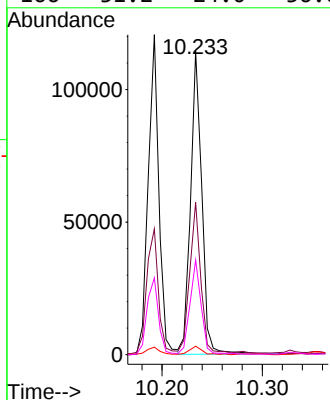
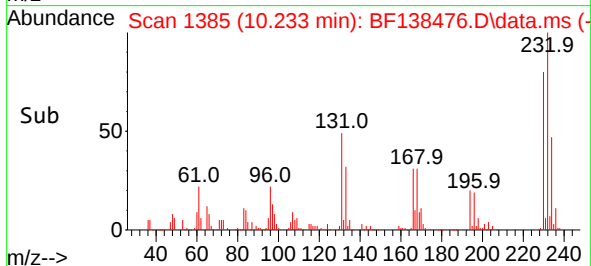
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD



Tgt Ion:232 Resp: 8874
Ion Ratio Lower Upper
232 100
131 48.1 36.6 55.0
130 3.3 1.8 2.8
166 31.2 24.0 36.0

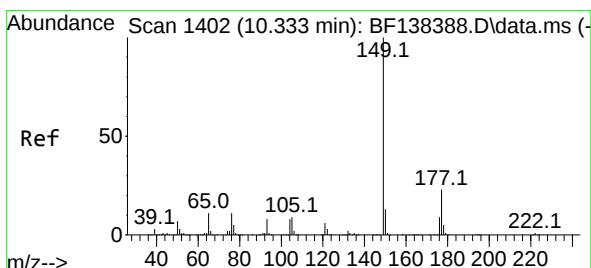
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



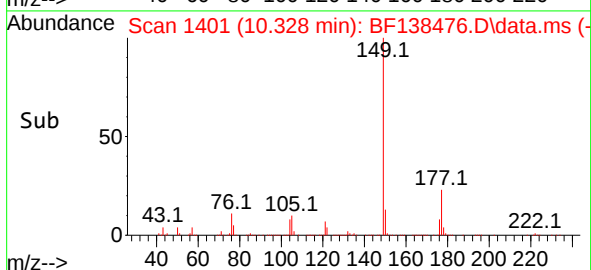
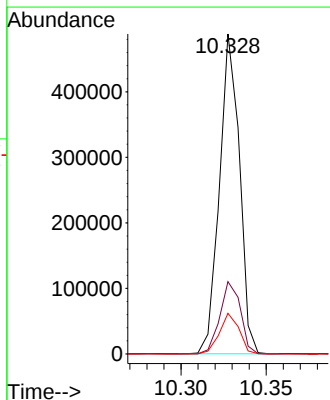
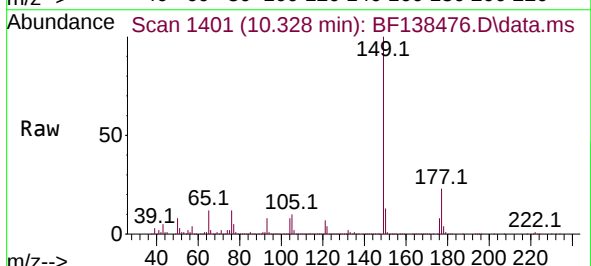
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Supervised By :mohammad
ahmed

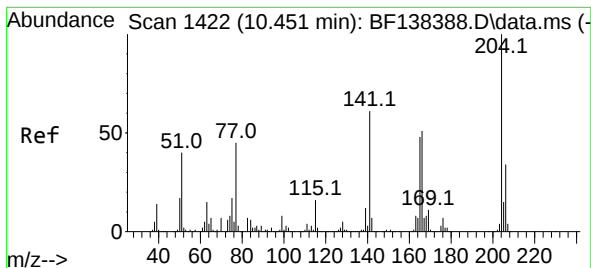
07/08/2024



#60
Diethylphthalate
Concen: 51.593 ng
RT: 10.328 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

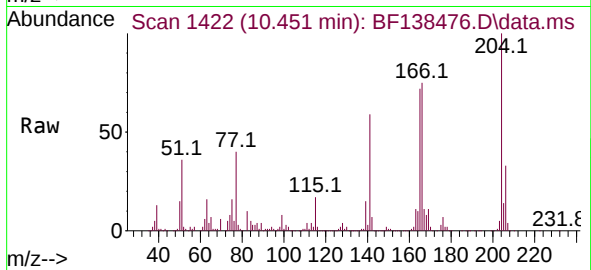
Tgt Ion:149 Resp: 397781
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.916 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

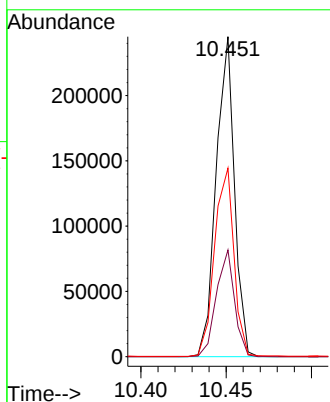
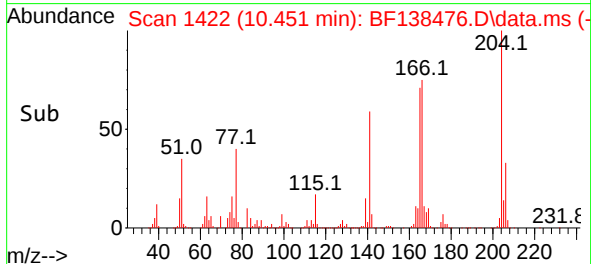
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD



Tgt Ion:204 Resp: 18332
Ion Ratio Lower Upper
204 100
206 33.3 27.1 40.7
141 58.9 48.4 72.6

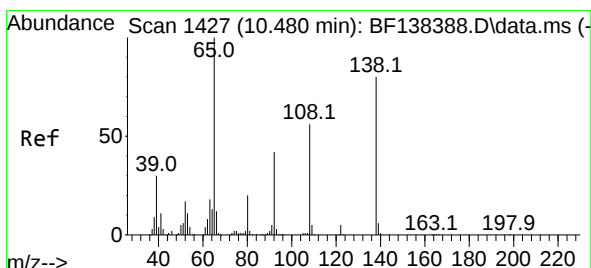
Manual Integrations
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Reviewed By :Yogesh
Patel



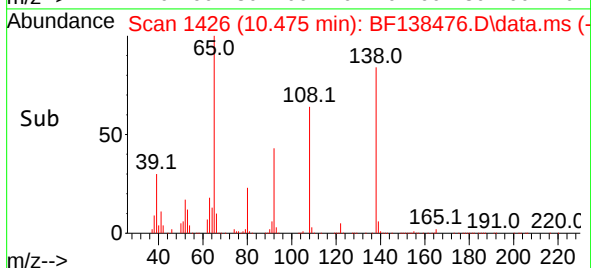
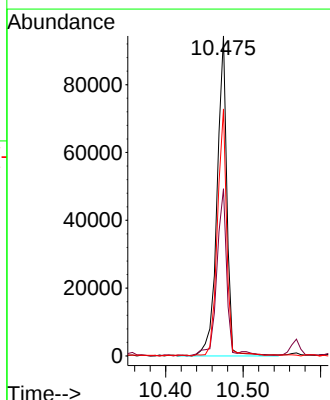
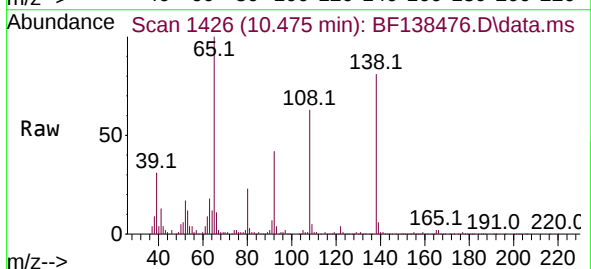
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Supervised By :mohammad
ahmed

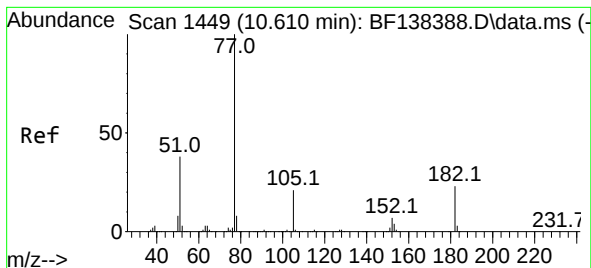
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#62
4-Nitroaniline
Concen: 49.856 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

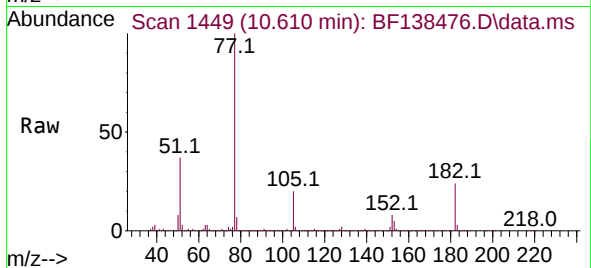
Tgt Ion:138 Resp: 83472
Ion Ratio Lower Upper
138 100
92 52.2 32.6 72.6
108 77.2 50.3 90.3





#63
Azobenzene
Concen: 48.709 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

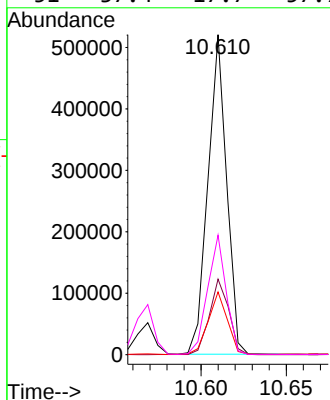
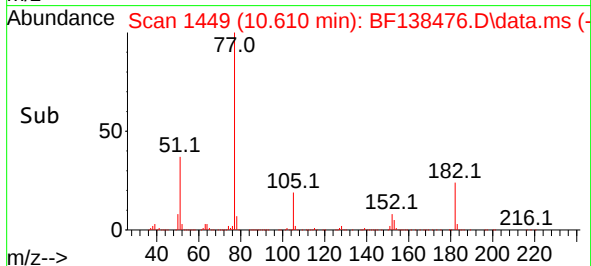
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD



Tgt Ion: 77 Resp: 396609
Ion Ratio Lower Upper
77 100
182 23.6 2.7 42.7
105 19.6 0.6 40.6
51 37.4 17.7 57.7

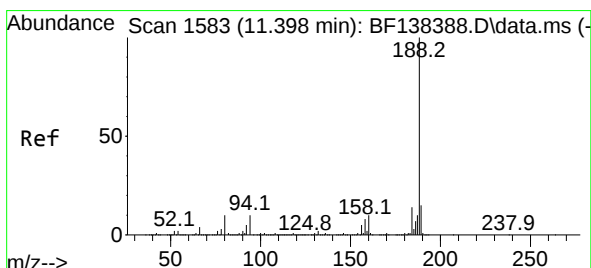
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Reviewed By :Yogesh
Patel

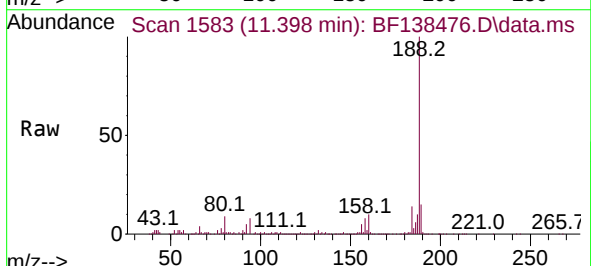


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Supervised By :mohammad
ahmed

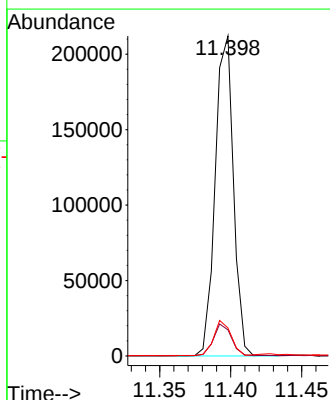
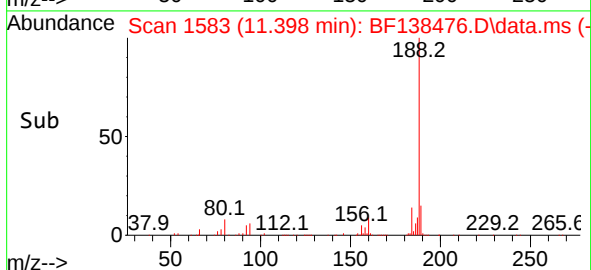
07/08/2024

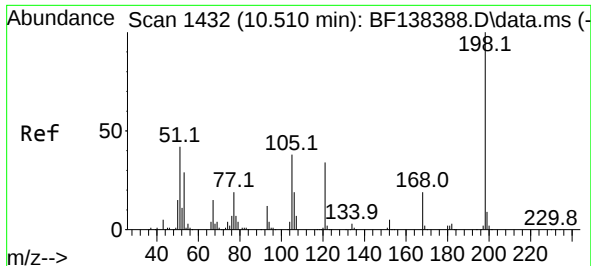


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



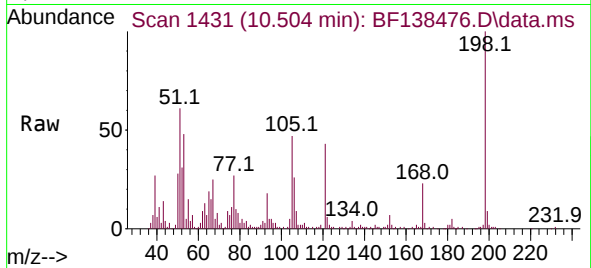
Tgt Ion:188 Resp: 189414
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 8.8 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 34.765 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

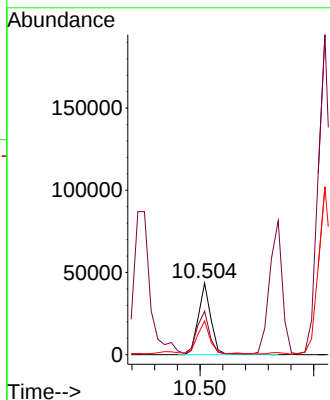
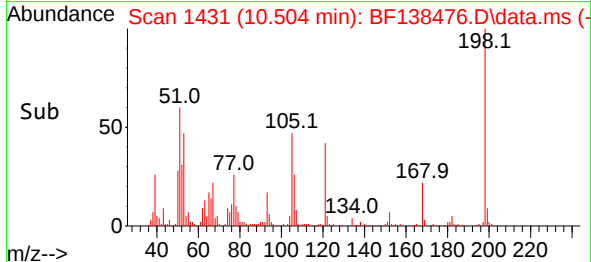
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD



Tgt Ion:198 Resp: 33414
Ion Ratio Lower Upper
198 100
51 60.8 27.9 67.9
105 47.1 18.2 58.2

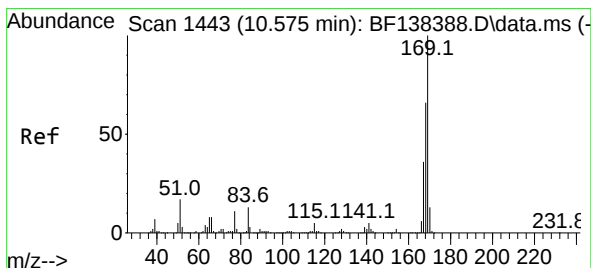
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Reviewed By :Yogesh
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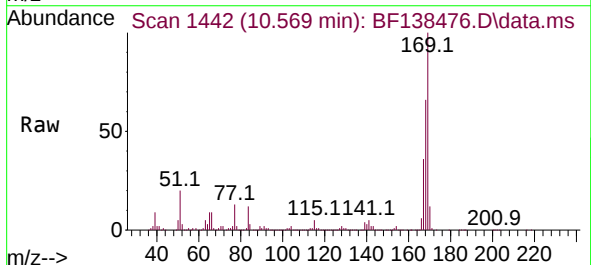


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Supervised By :mohammad
ahmed

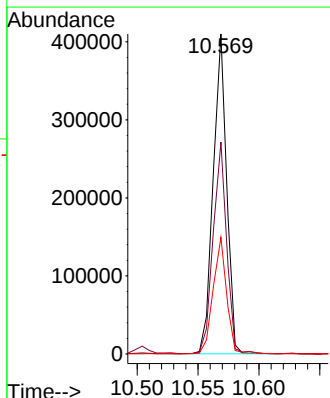
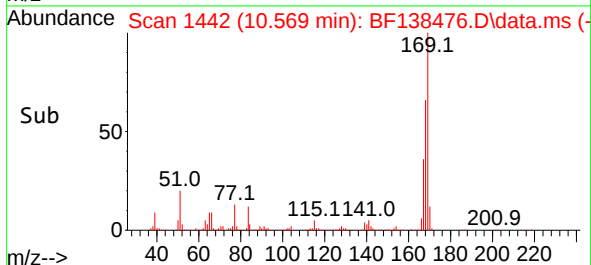
07/08/2024

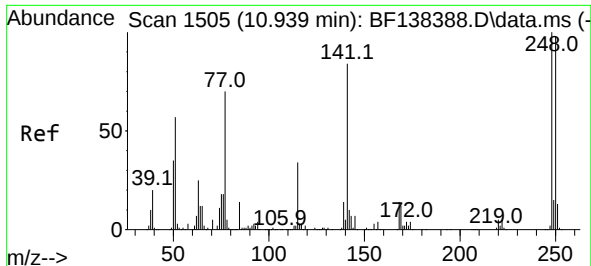


#66
n-Nitrosodiphenylamine
Concen: 53.455 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



Tgt Ion:169 Resp: 314335
Ion Ratio Lower Upper
169 100
168 66.2 52.5 78.7
167 36.5 28.8 43.2





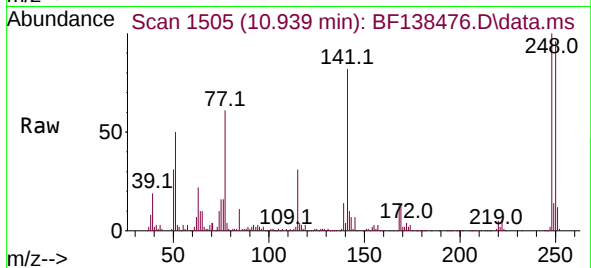
#67
4-Bromophenyl-phenylether
Concen: 49.674 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

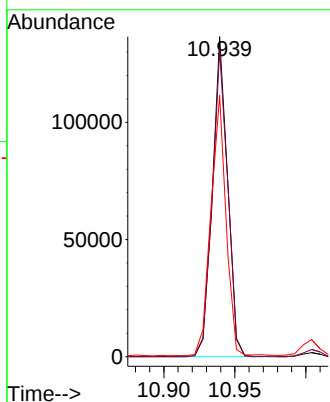
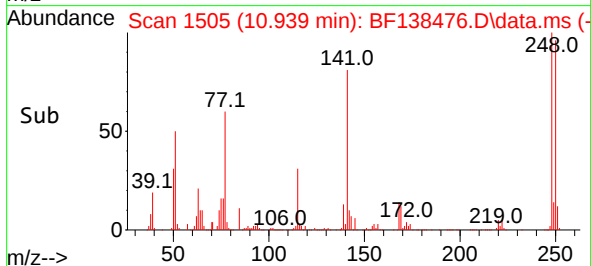
SU-04-070324MSD



Tgt Ion:248 Resp: 101135
Ion Ratio Lower Upper
248 100
250 95.7 78.2 117.4
141 81.7 67.6 101.4

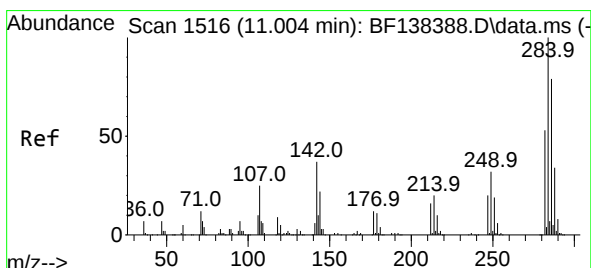
Manual Integrations
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Reviewed By :Yogesh
Patel

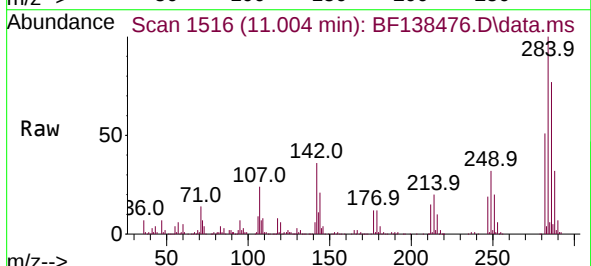


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ahmed

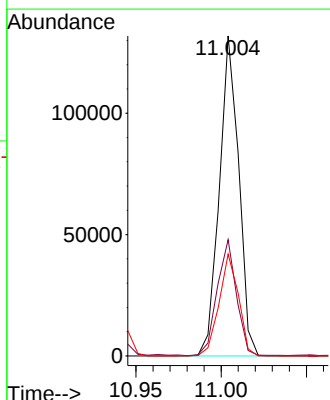
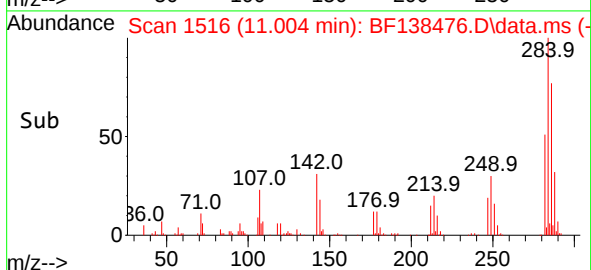
07/08/2024

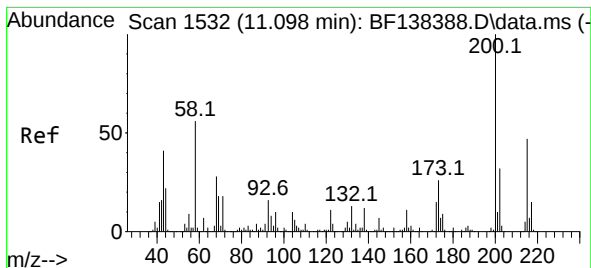


#68
Hexachlorobenzene
Concen: 46.440 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



Tgt Ion:284 Resp: 104214
Ion Ratio Lower Upper
284 100
142 36.3 29.2 43.8
249 31.9 25.8 38.6





#69

Atrazine

Concen: 58.381 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD

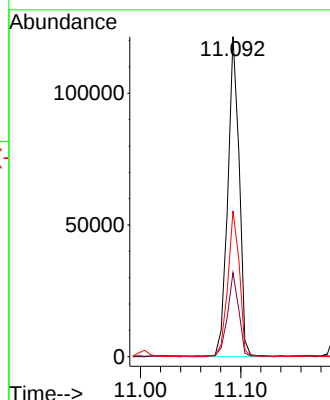
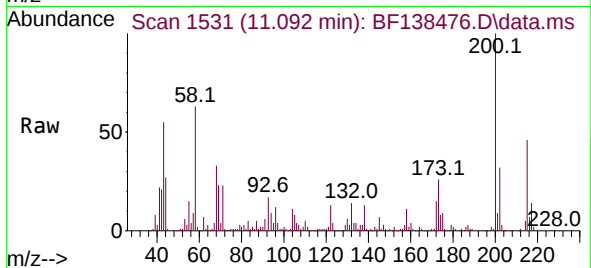
Tgt Ion:200 Resp: 9625

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.2	46.2
215	45.5	27.4	67.4

Manual Integrations

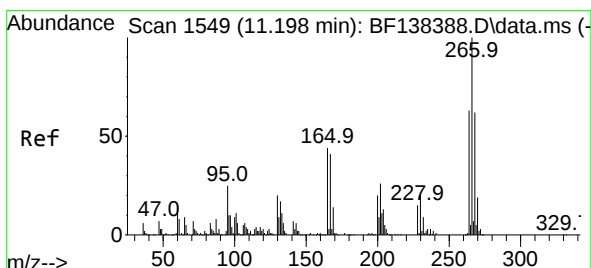
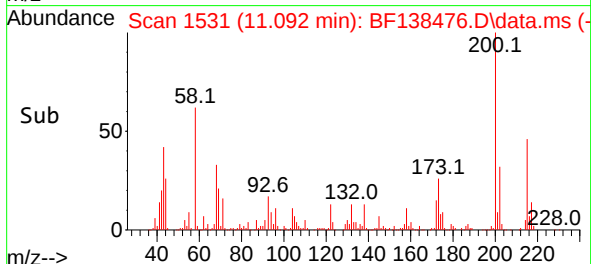
APPROVED

Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#70

Pentachlorophenol

Concen: 99.194 ng

RT: 11.204 min Scan# 1550

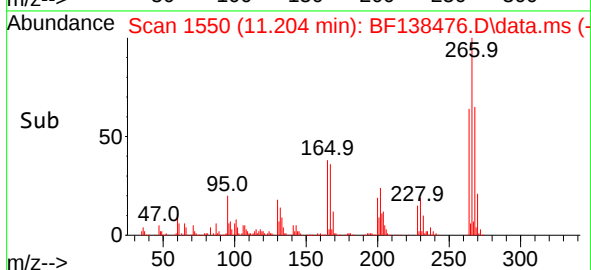
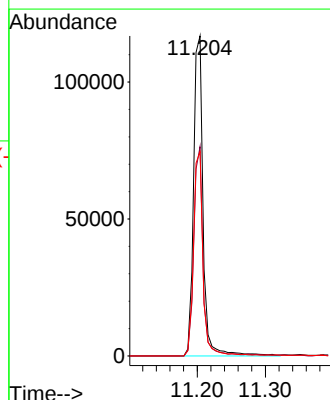
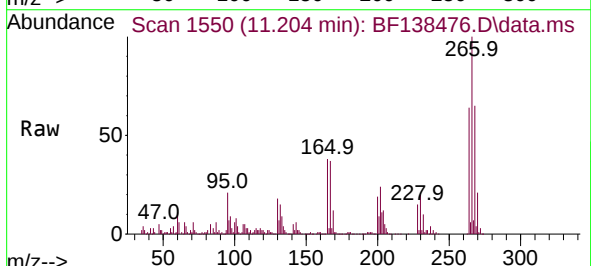
Delta R.T. 0.006 min

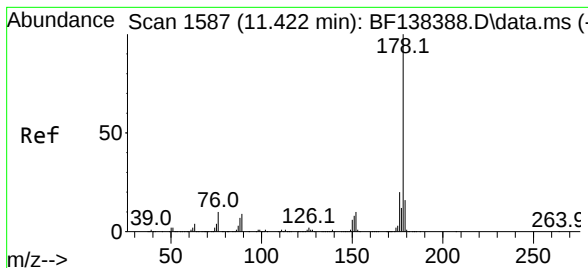
Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Tgt Ion:266 Resp: 112977

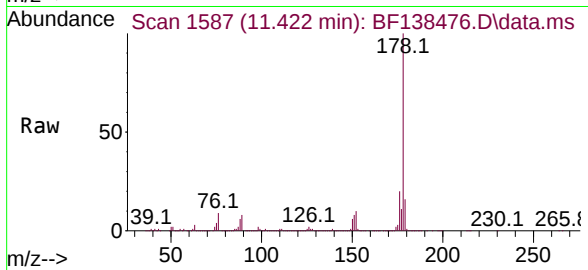
Ion	Ratio	Lower	Upper
266	100		
268	65.4	49.9	74.9
264	63.9	50.0	75.0





#71
Phenanthrene
Concen: 52.992 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

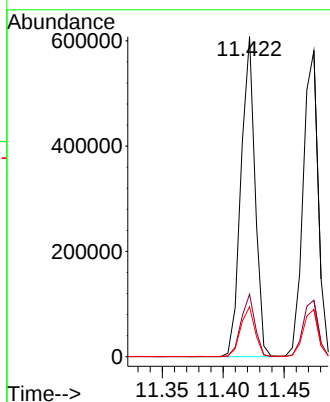
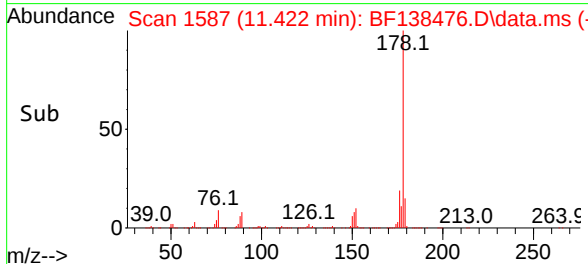
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD



Tgt Ion:178 Resp: 490072
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 15.6 12.6 18.8

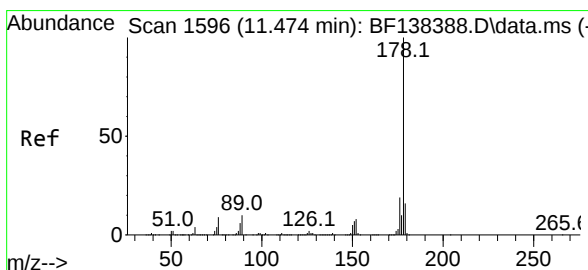
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APPROVED

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Patel

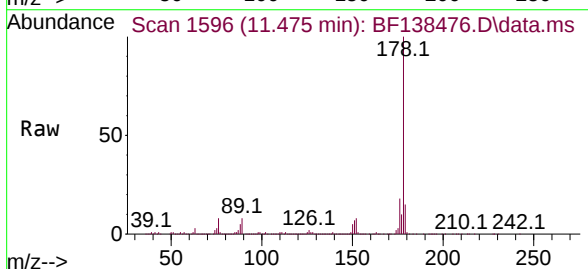


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Supervised By :mohammad
ahmed

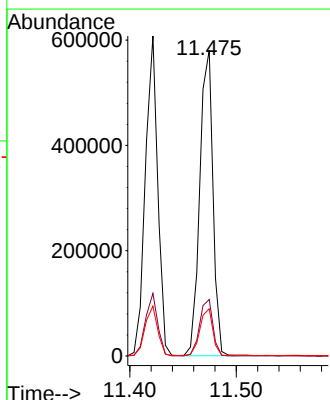
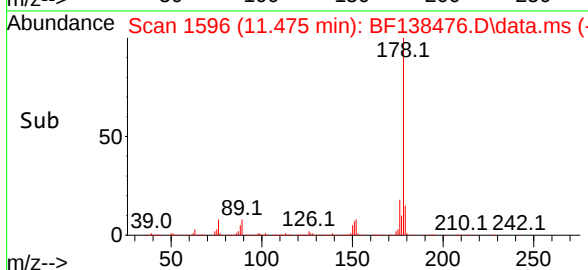
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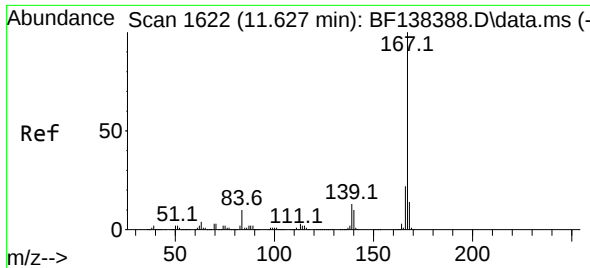


#72
Anthracene
Concen: 54.438 ng
RT: 11.475 min Scan# 1596
Delta R.T. 0.001 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



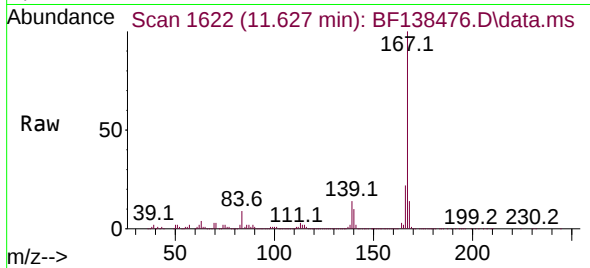
Tgt Ion:178 Resp: 502066
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.4 12.7 19.1





#73
 Carbazole
 Concen: 57.047 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF138476.D
 Acq: 05 Jul 2024 19:06

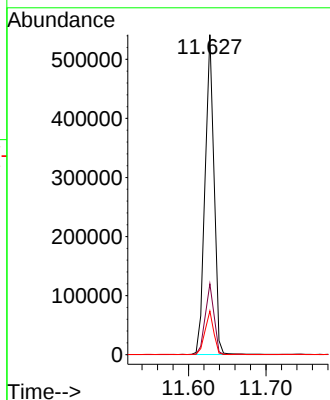
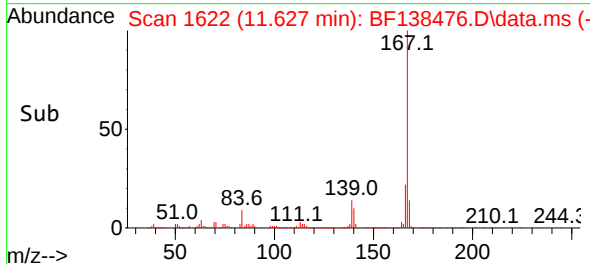
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-070324MSD



Tgt Ion:167 Resp: 436795
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 13.7 10.7 16.1

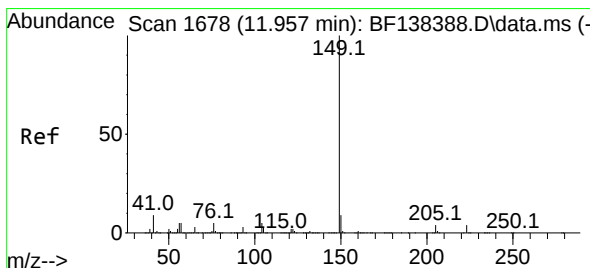
Manual Integrations
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Reviewed By :Yogesh
 Patel

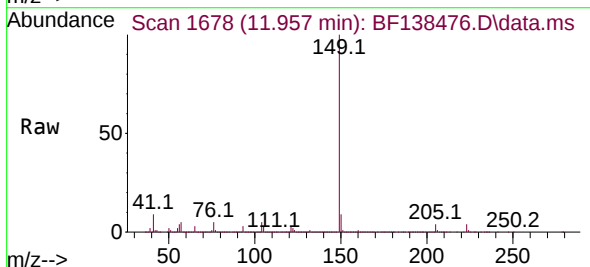


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 Supervised By :mohammad
 ahmed

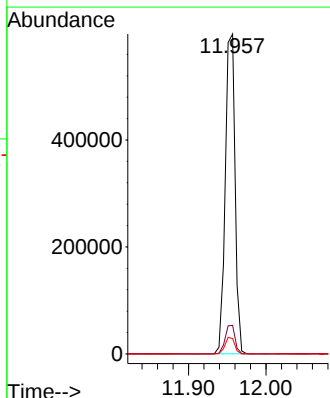
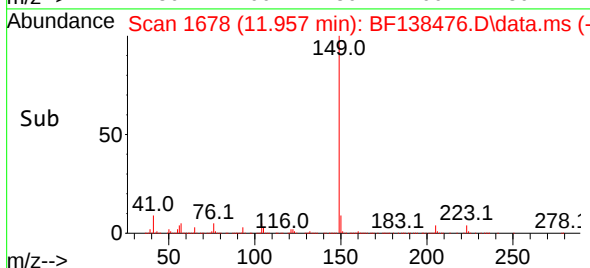
07/08/2024

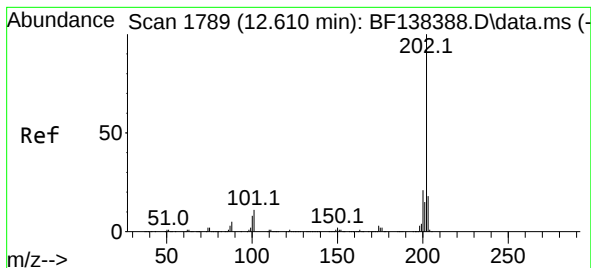


#74
 Di-n-butylphthalate
 Concen: 54.491 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF138476.D
 Acq: 05 Jul 2024 19:06



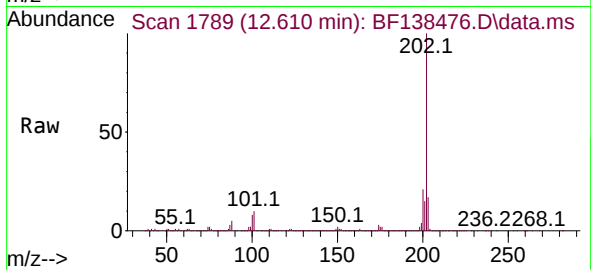
Tgt Ion:149 Resp: 528759
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.8 3.8 5.8





#75
Fluoranthene
Concen: 63.726 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

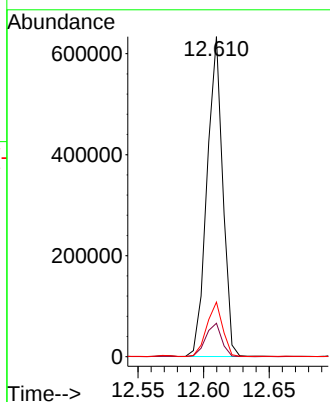
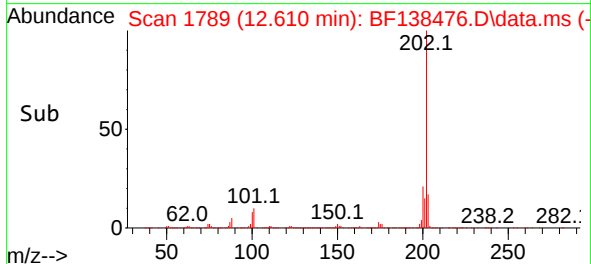
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD



Tgt Ion:202 Resp: 52835
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.5
203 17.1 0.0 37.6

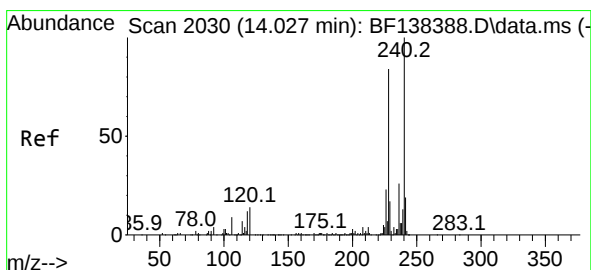
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APPROVED

Reviewed By :Yogesh
Patel

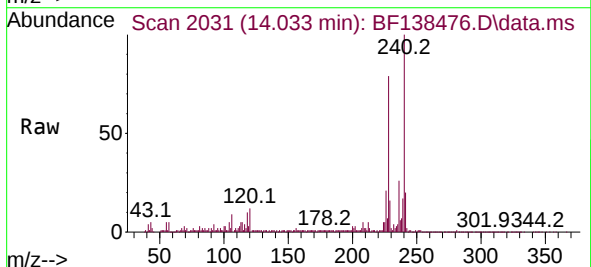


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Supervised By :mohammad
ahmed

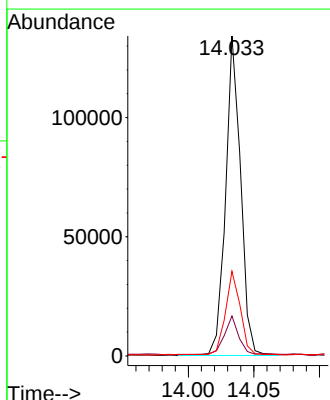
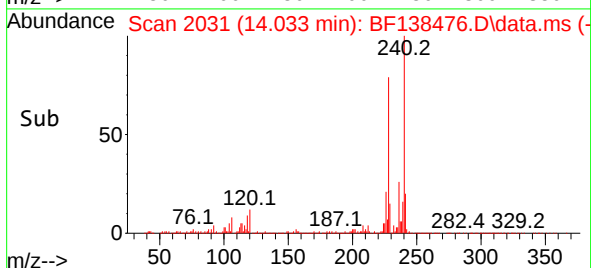
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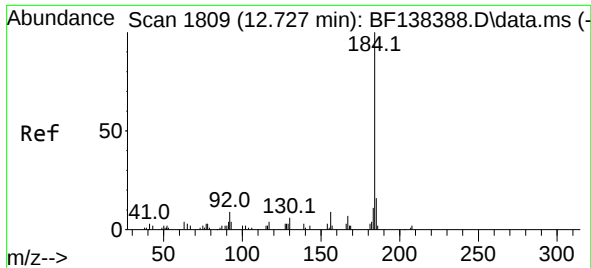


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



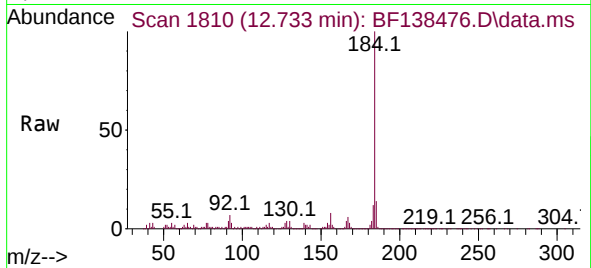
Tgt Ion:240 Resp: 106279
Ion Ratio Lower Upper
240 100
120 12.5 10.9 16.3
236 26.4 20.6 30.8





#77
Benzidine
Concen: 213.673 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

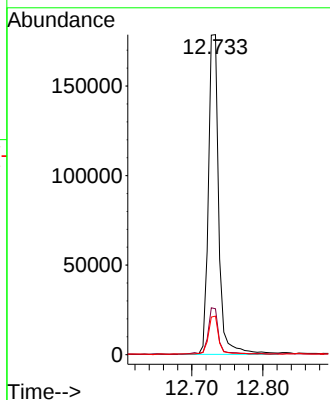
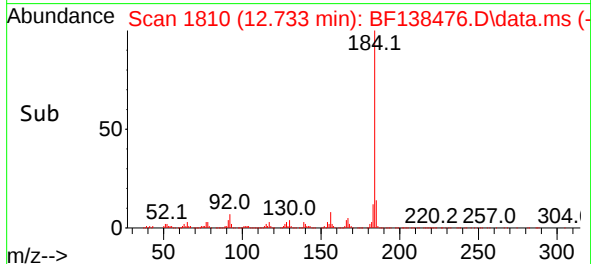
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD



Tgt Ion:184 Resp: 181590
Ion Ratio Lower Upper
184 100
185 14.3 13.0 19.4
183 12.1 9.0 13.6

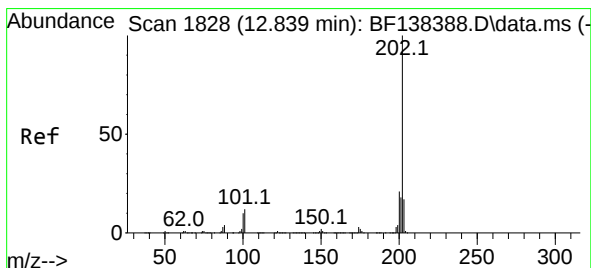
Manual Integrations
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Reviewed By :Yogesh
Patel



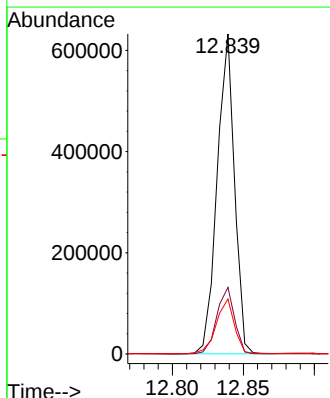
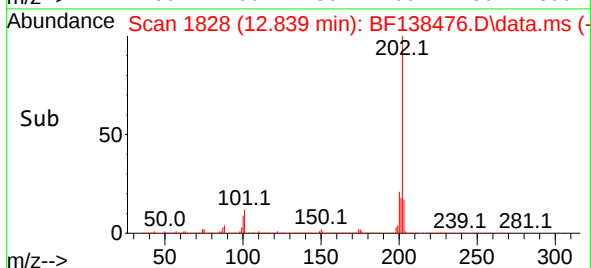
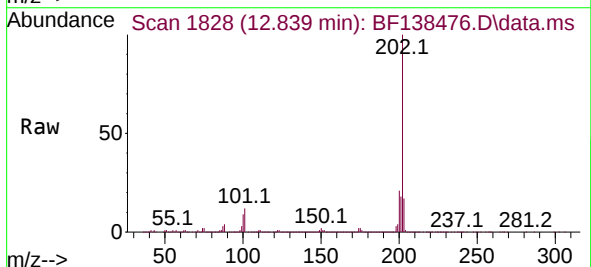
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ahmed

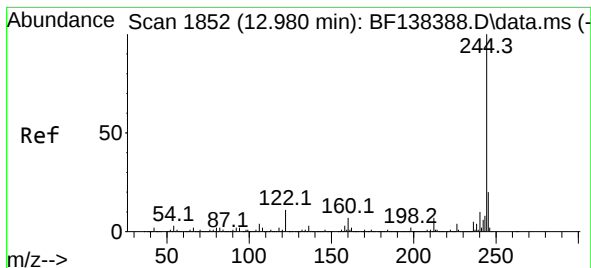
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#78
Pyrene
Concen: 47.261 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:202 Resp: 536838
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.2 13.8 20.8





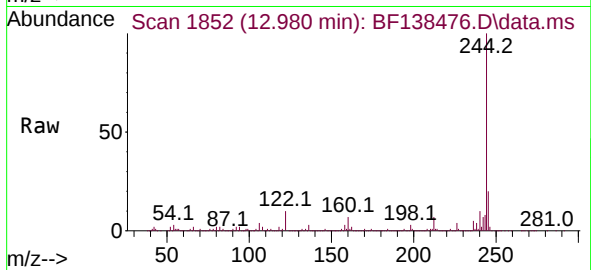
#79
 Terphenyl-d14
 Concen: 82.798 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF138476.D
 Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

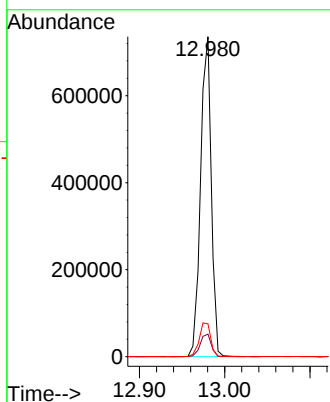
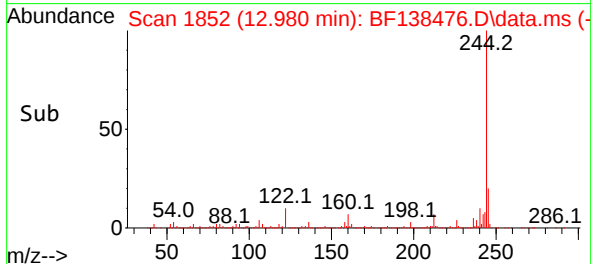
SU-04-070324MSD



Tgt Ion:244 Resp: 642117
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.3 9.0 13.4

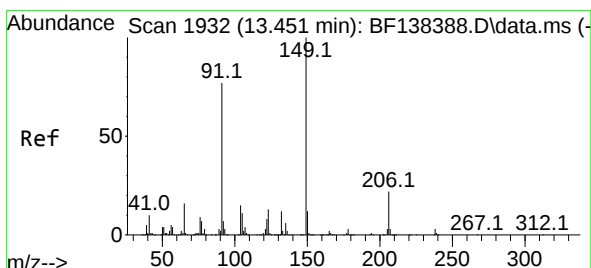
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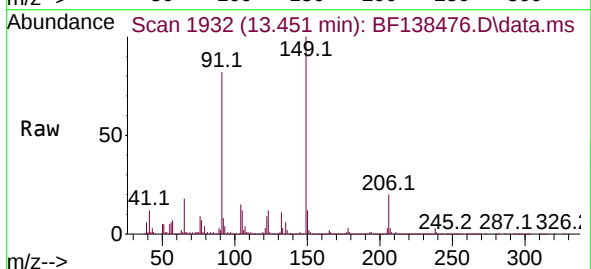


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 Supervised By :mohammad
 ahmed

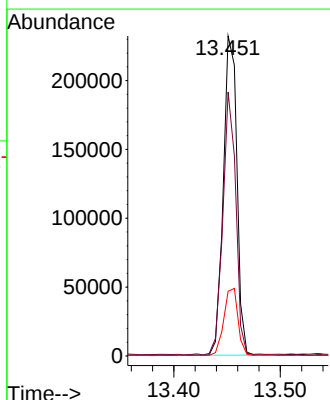
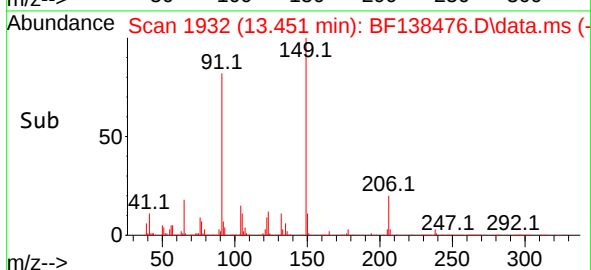
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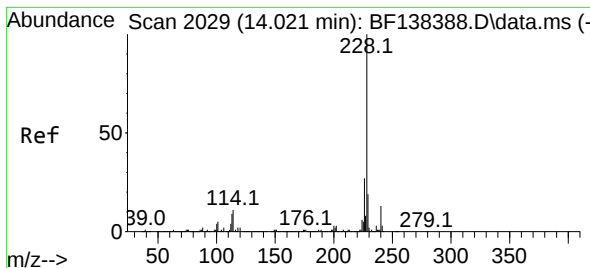


#80
 Butylbenzylphthalate
 Concen: 59.329 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BF138476.D
 Acq: 05 Jul 2024 19:06



Tgt Ion:149 Resp: 205071
 Ion Ratio Lower Upper
 149 100
 91 82.5 62.0 93.0
 206 20.2 17.6 26.4





#81

Benzo(a)anthracene

Concen: 54.011 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNF

ClientSampleId :

SU-04-070324MSD

Tgt Ion:228 Resp: 369470

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

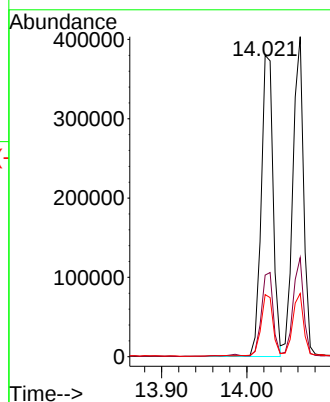
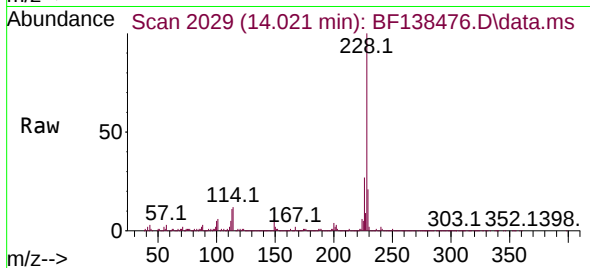
229 20.6 15.5 23.3

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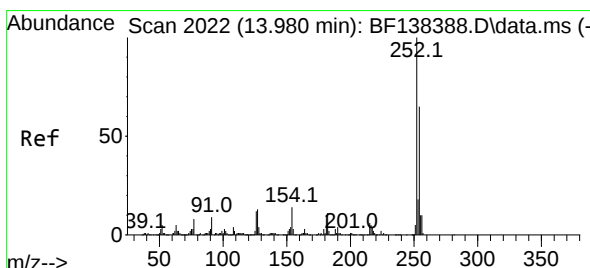
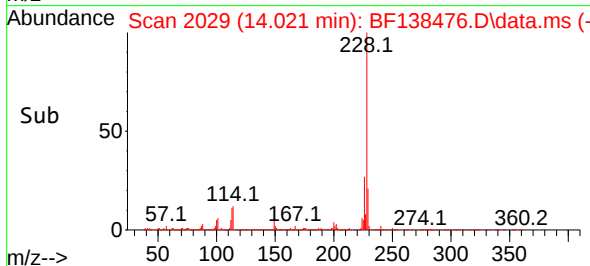
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ahmed

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#82

3,3'-Dichlorobenzidine

Concen: 49.747 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

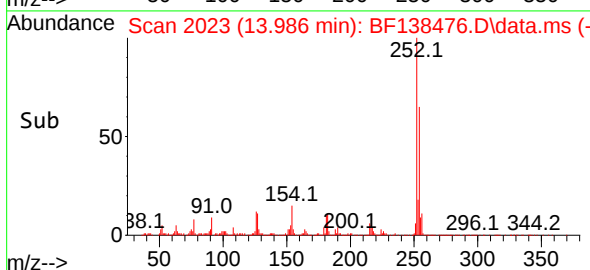
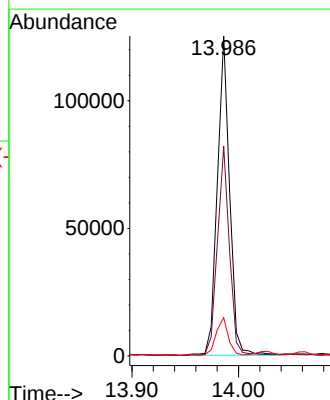
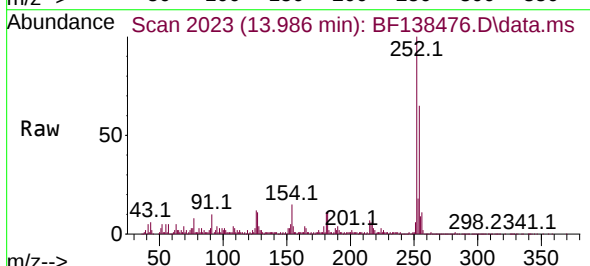
Tgt Ion:252 Resp: 100471

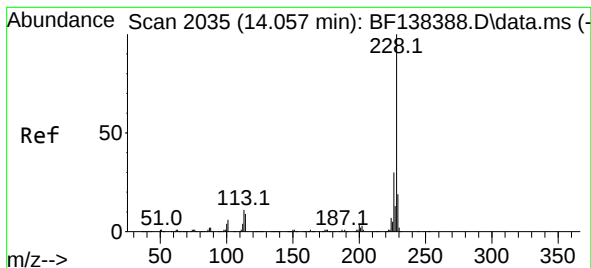
Ion Ratio Lower Upper

252 100

254 65.5 51.8 77.6

126 11.9 9.5 14.3





#83

Chrysene

Concen: 52.821 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

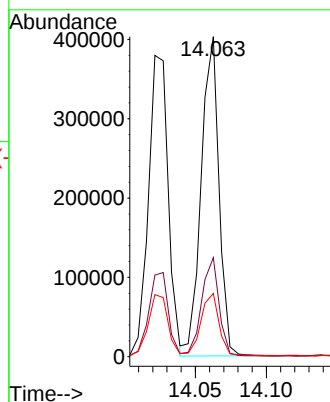
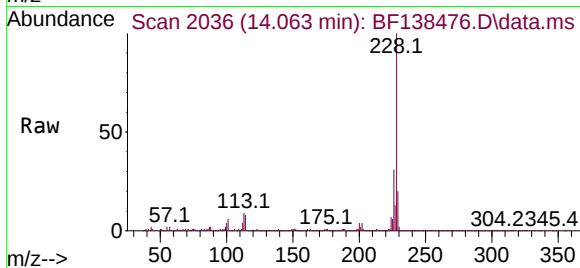
ClientSampleId :

SU-04-070324MSD

Tgt Ion:228 Resp: 351598
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.8 35.6
 229 19.8 15.2 22.8

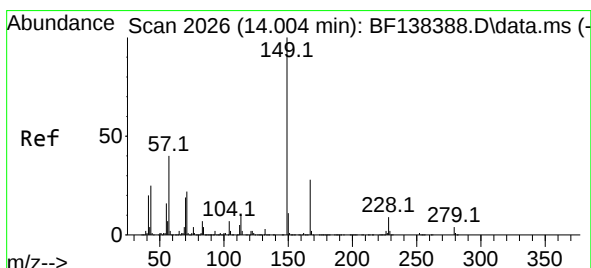
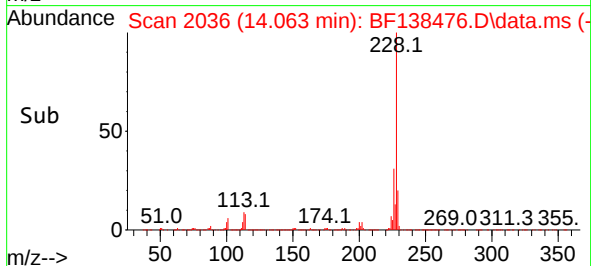
Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 61.851 ng

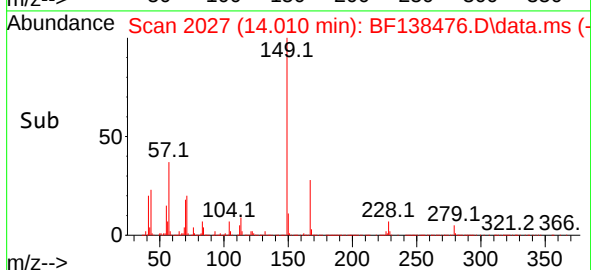
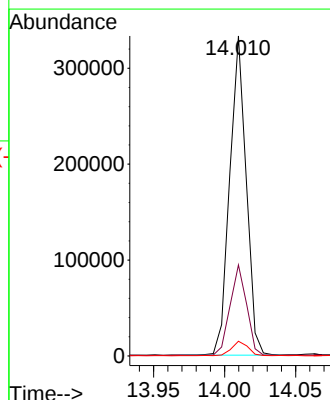
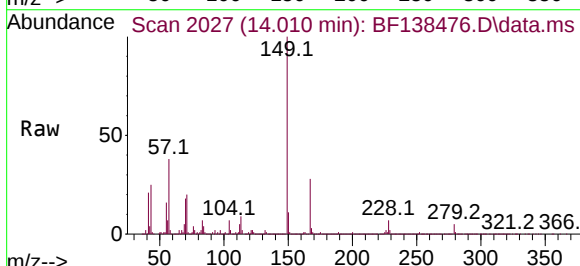
RT: 14.010 min Scan# 2027

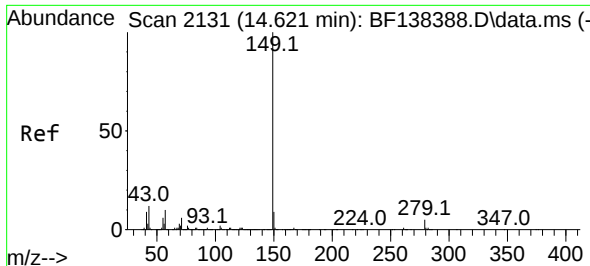
Delta R.T. 0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Tgt Ion:149 Resp: 268105
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.6 33.8
 279 4.6 3.2 4.8





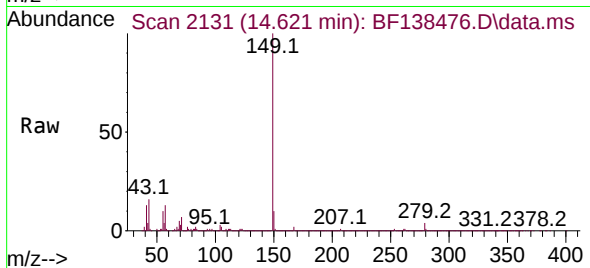
#85
Di-n-octyl phthalate
Concen: 51.348 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

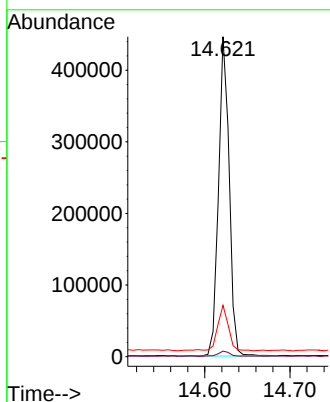
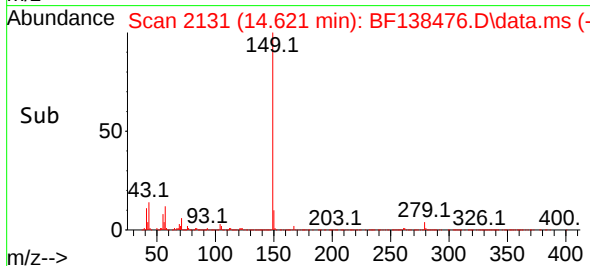
SU-04-070324MSD



Tgt Ion:149 Resp: 389588
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 14.6 10.9 16.3

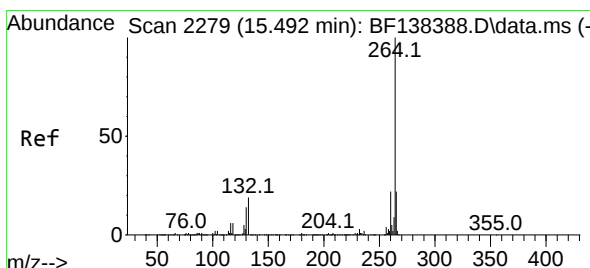
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Patel

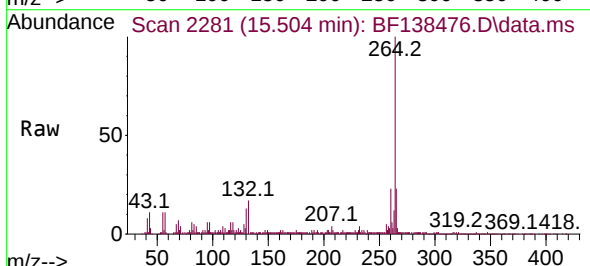


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ahmed

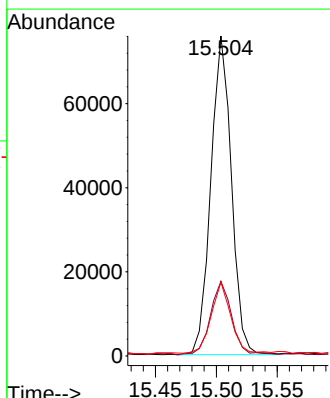
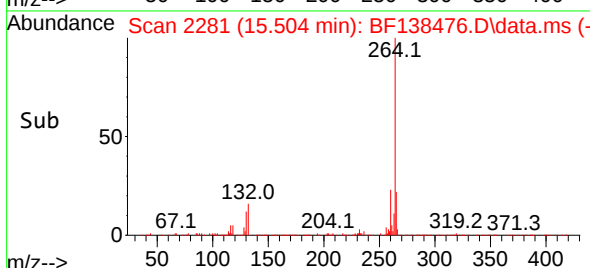
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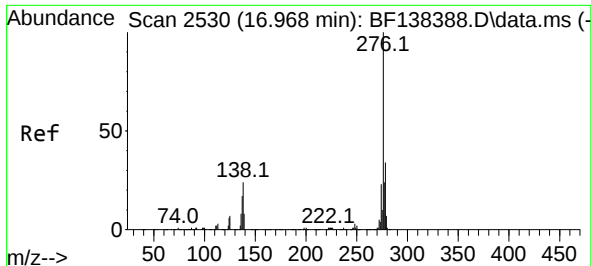


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06



Tgt Ion:264 Resp: 89170
Ion Ratio Lower Upper
264 100
260 23.4 17.8 26.6
265 23.0 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.304 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

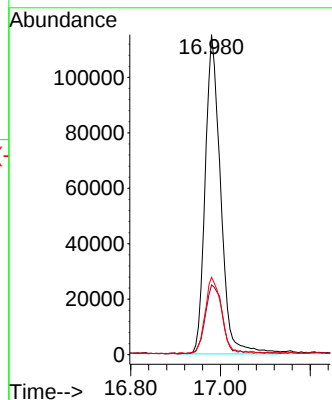
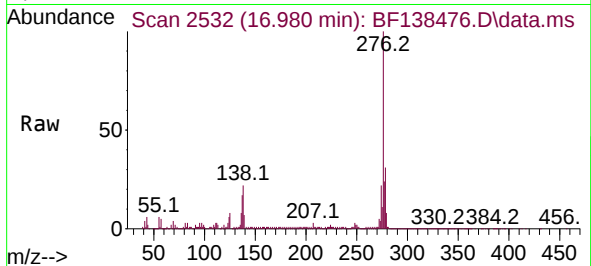
ClientSampleId :

SU-04-070324MSD

Tgt Ion:276 Resp: 27466
Ion Ratio Lower Upper
276 100
138 23.6 22.1 33.1
277 25.5 20.4 30.6

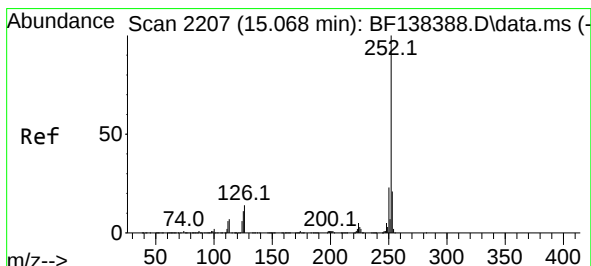
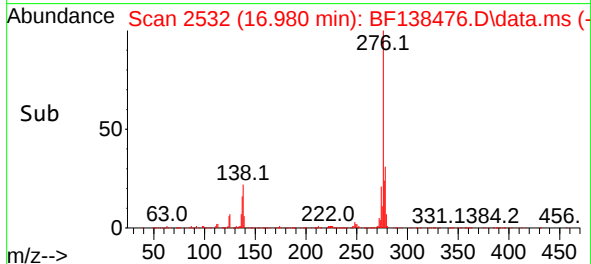
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Patel



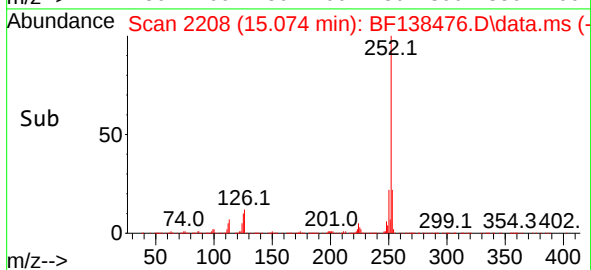
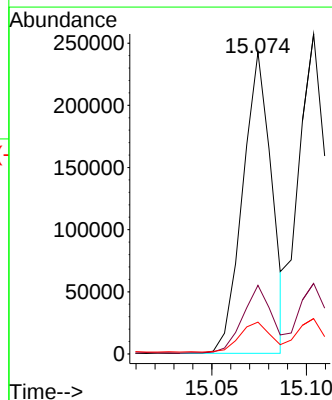
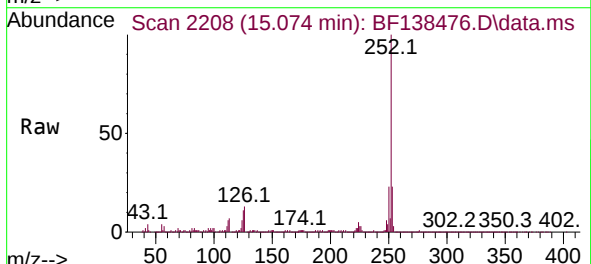
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Supervised By :mohammad
ahmed

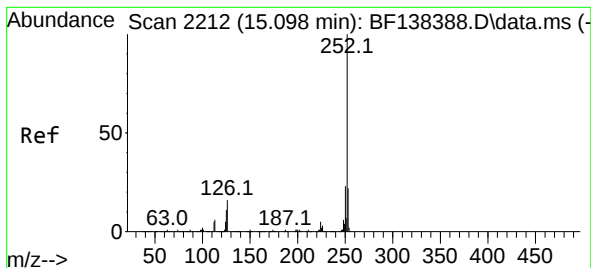
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#88
Benzo(b)fluoranthene
Concen: 52.705 ng
RT: 15.074 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:252 Resp: 257855
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.4
125 10.5 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 56.845 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNF

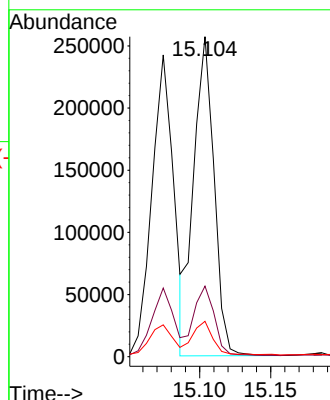
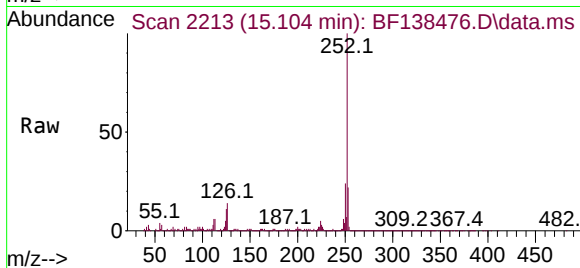
ClientSampleId :

SU-04-070324MSD

Tgt Ion:252 Resp: 256162
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.2
 125 11.0 8.7 13.1

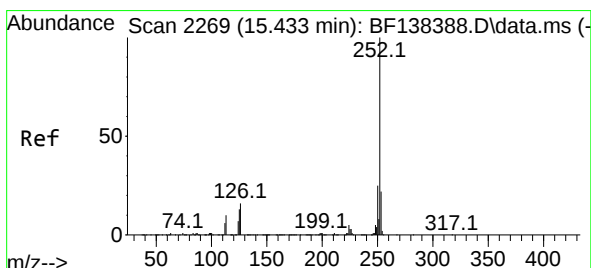
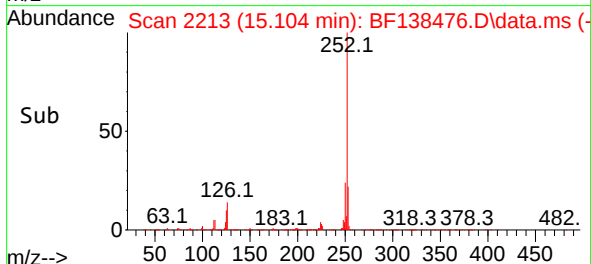
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Reviewed By :Yogesh
 Patel



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 Supervised By :mohammad
 ahmed

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#90

Benzo(a)pyrene

Concen: 54.579 ng

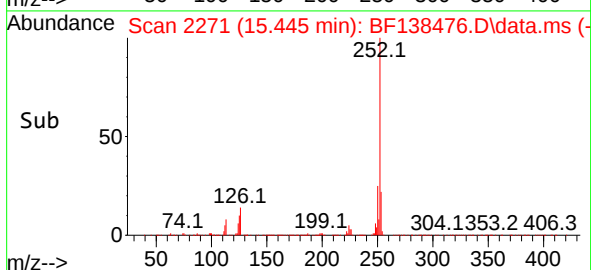
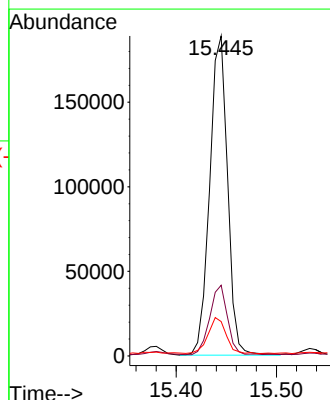
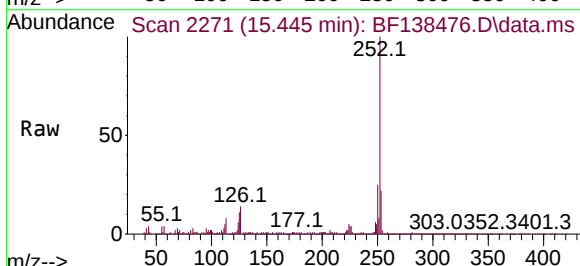
RT: 15.445 min Scan# 2271

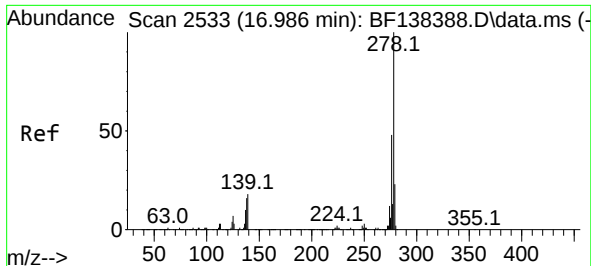
Delta R.T. 0.012 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Tgt Ion:252 Resp: 234050
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.6 26.4
 125 10.8 10.2 15.2





#91
Dibenzo(a,h)anthracene
Concen: 61.104 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

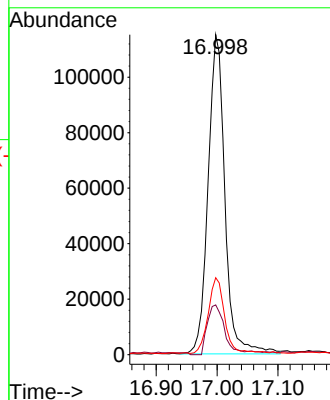
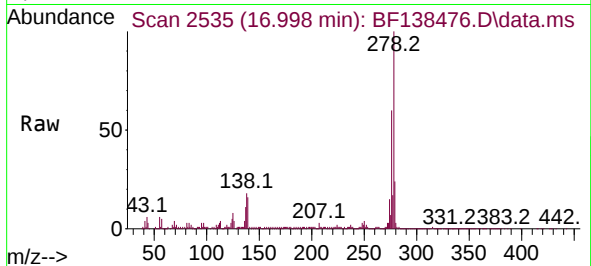
ClientSampleId :

SU-04-070324MSD

Tgt Ion:278 Resp: 22098
Ion Ratio Lower Upper
278 100
139 15.5 14.3 21.5
279 24.0 18.5 27.7

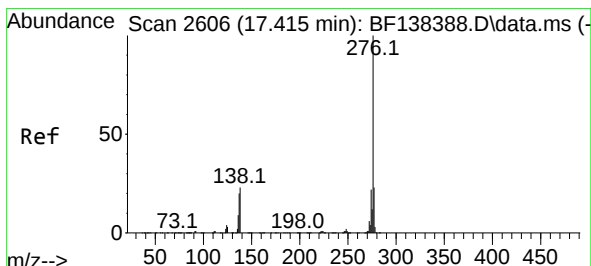
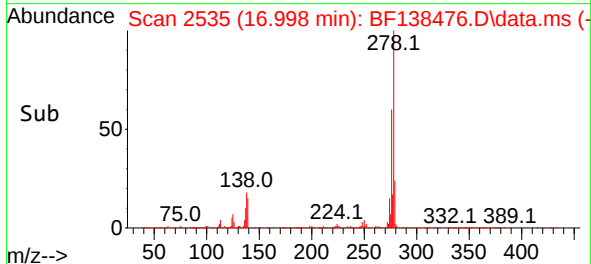
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



07/08/2024
Supervised By :mohammad
ahmed

07/08/2024



#92
Benzo(g,h,i)perylene
Concen: 59.415 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.012 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:276 Resp: 210207
Ion Ratio Lower Upper
276 100
277 23.6 18.3 27.5
138 20.7 18.3 27.5

