

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138475.D
 Acq On : 05 Jul 2024 18:36
 Operator : CG\JU
 Sample : P3159-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-070324MS

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 19:08:37 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	60528	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	233038	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	115267	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	167735	20.000	ng	0.00
76) Chrysene-d12	14.033	240	99950	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	79894	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	479822	131.430	ng	0.00
7) Phenol-d6	6.510	99	628383	127.774	ng	0.00
23) Nitrobenzene-d5	7.434	82	398083	88.739	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	118057	125.360	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	667575	92.170	ng	0.00
79) Terphenyl-d14	12.980	244	573070	78.574	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	69317	40.310	ng	96
3) Pyridine	3.369	79	183002	44.608	ng	98
4) n-Nitrosodimethylamine	3.316	42	135536m	52.957	ng	
6) Aniline	6.534	93	158311	32.987	ng	99
8) 2-Chlorophenol	6.657	128	200617	51.188	ng	100
9) Benzaldehyde	6.422	77	29661	9.772	ng	96
10) Phenol	6.522	94	264826	50.543	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	195364	47.475	ng	99
12) 1,3-Dichlorobenzene	6.816	146	210566	46.916	ng	95
13) 1,4-Dichlorobenzene	6.892	146	216899	48.197	ng	97
14) 1,2-Dichlorobenzene	7.039	146	202426	48.724	ng	99
15) Benzyl Alcohol	7.016	79	186650	52.988	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	397648	47.907	ng	98
17) 2-Methylphenol	7.128	107	158568	48.818	ng	98
18) Hexachloroethane	7.386	117	75535	46.534	ng	93
19) n-Nitroso-di-n-propyla...	7.281	70	145744	47.009	ng	98
20) 3+4-Methylphenols	7.281	107	200252	53.061	ng	91
22) Acetophenone	7.281	105	254172	48.077	ng	# 95
24) Nitrobenzene	7.457	77	222936	48.860	ng	97
25) Isophorone	7.692	82	400786	48.452	ng	99
26) 2-Nitrophenol	7.769	139	101840	51.746	ng	89
27) 2,4-Dimethylphenol	7.810	122	136615	54.238	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	231773	46.551	ng	100
29) 2,4-Dichlorophenol	8.016	162	159672	49.356	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	175885	46.759	ng	99
31) Naphthalene	8.175	128	574068	48.729	ng	100
32) Benzoic acid	7.910	122	78505	35.286	ng	94
33) 4-Chloroaniline	8.222	127	88498	21.509	ng	99
34) Hexachlorobutadiene	8.292	225	104016	46.058	ng	99
35) Caprolactam	8.581	113	48346	47.325	ng	90
36) 4-Chloro-3-methylphenol	8.710	107	172304	50.002	ng	97
37) 2-Methylnaphthalene	8.869	142	360834	47.392	ng	97
38) 1-Methylnaphthalene	8.969	142	334075	45.243	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	154070	48.324	ng	99
41) Hexachlorocyclopentadiene	9.016	237	43504	46.356	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	105758	52.130	ng	99

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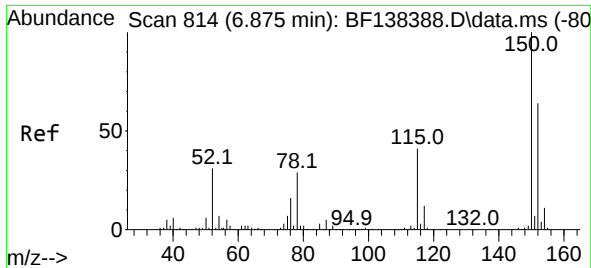
Quant Time: Jul 05 19:08:37 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	109358	49.564	ng	98
46) 1,1'-Biphenyl	9.333	154	411620	47.826	ng	98
47) 2-Chloronaphthalene	9.357	162	321693	49.023	ng	98
48) 2-Nitroaniline	9.451	65	118774	56.112	ng	94
49) Acenaphthylene	9.775	152	496956	53.849	ng	100
50) Dimethylphthalate	9.627	163	388925	52.501	ng	99
51) 2,6-Dinitrotoluene	9.692	165	81201	48.942	ng	95
52) Acenaphthene	9.945	154	315829m	49.979	ng	
53) 3-Nitroaniline	9.863	138	66188	40.392	ng	96
54) 2,4-Dinitrophenol	9.969	184	32008	49.450	ng	92
55) Dibenzofuran	10.116	168	435741	50.047	ng	98
56) 4-Nitrophenol	10.027	139	110408	103.919	ng	# 80
57) 2,4-Dinitrotoluene	10.098	165	100627	49.258	ng	# 86
58) Fluorene	10.457	166	320265	46.292	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	77393	47.225	ng	# 95
60) Diethylphthalate	10.327	149	353531	51.043	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	164767	46.940	ng	98
62) 4-Nitroaniline	10.475	138	73254	48.705	ng	96
63) Azobenzene	10.610	77	352605	48.206	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	28563	33.760	ng	93
66) n-Nitrosodiphenylamine	10.569	169	279329	53.642	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	88981	49.353	ng	96
68) Hexachlorobenzene	11.004	284	92492	46.544	ng	97
69) Atrazine	11.092	200	83861	57.438	ng	100
70) Pentachlorophenol	11.198	266	95293	94.481	ng	99
71) Phenanthrene	11.422	178	433035	52.876	ng	99
72) Anthracene	11.469	178	437660	53.588	ng	99
73) Carbazole	11.627	167	386932	57.066	ng	99
74) Di-n-butylphthalate	11.951	149	464517	54.058	ng	99
75) Fluoranthene	12.610	202	465867	63.452	ng	99
77) Benzidine	12.727	184	151699	189.804	ng	96
78) Pyrene	12.839	202	481114	45.037	ng	99
80) Butylbenzylphthalate	13.451	149	182509	56.145	ng	97
81) Benzo(a)anthracene	14.021	228	342314	53.210	ng	97
82) 3,3'-Dichlorobenzidine	13.986	252	88134	46.401	ng	99
83) Chrysene	14.063	228	324765	51.879	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	236395	57.988	ng	100
85) Di-n-octyl phthalate	14.621	149	352379	49.384	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	242598	60.433	ng	96
88) Benzo(b)fluoranthene	15.074	252	238813	54.480	ng	98
89) Benzo(k)fluoranthene	15.104	252	226699	56.148	ng	99
90) Benzo(a)pyrene	15.439	252	211616	55.077	ng	97
91) Dibenzo(a,h)anthracene	16.998	278	198489	61.255	ng	98
92) Benzo(g,h,i)perylene	17.427	276	188081	59.333	ng	97

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



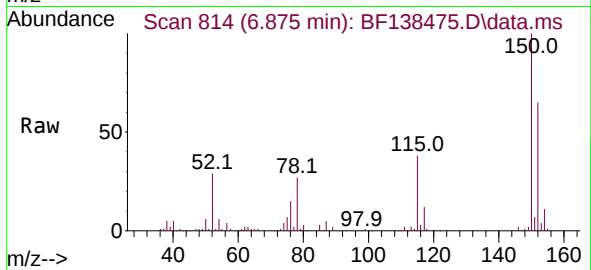
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

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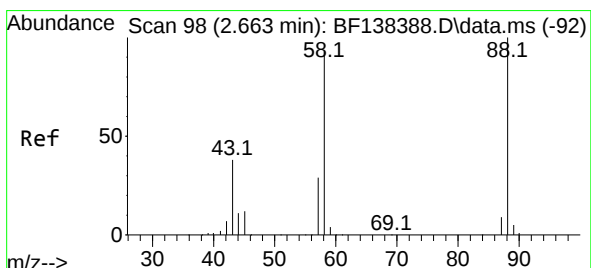
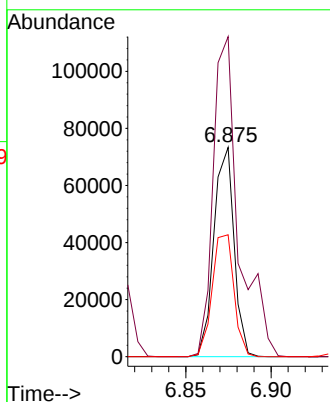
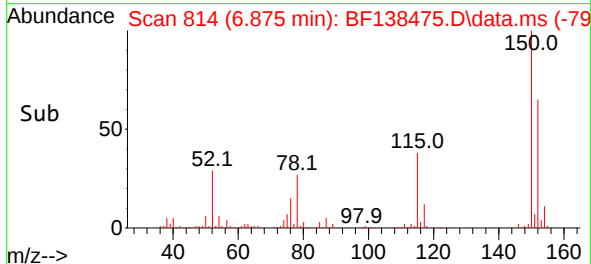
Tgt Ion:152 Resp: 60528
Ion Ratio Lower Upper
152 100
150 152.9 124.9 187.3
115 58.2 50.8 76.2

Manual Integrations

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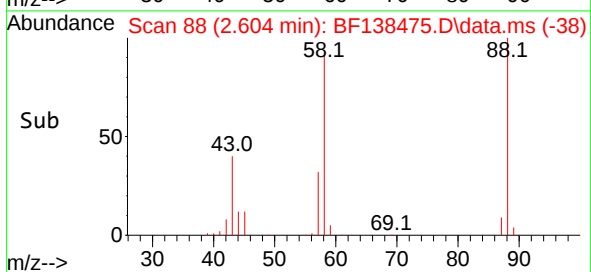
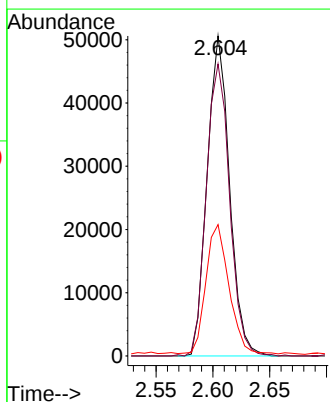
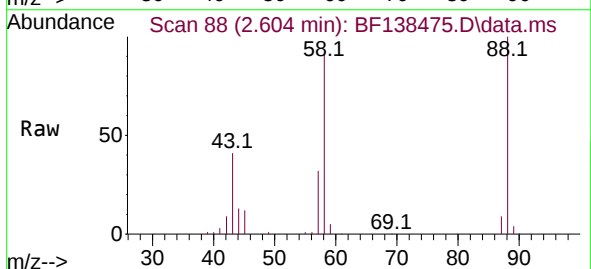
Reviewed By :Yogesh Patel 07/08/2024

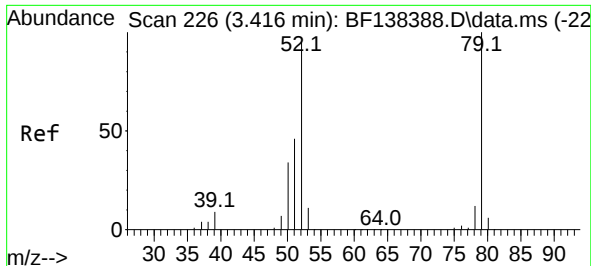
Supervised By :mohammad ahmed 07/08/2024



#2
1,4-Dioxane
Concen: 40.310 ng
RT: 2.604 min Scan# 88
Delta R.T. -0.059 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion: 88 Resp: 69317
Ion Ratio Lower Upper
88 100
58 95.2 73.7 110.5
43 41.4 30.1 45.1





#3

Pyridine

Concen: 44.608 ng

RT: 3.369 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF138475.D

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Instrument :

BNA_F

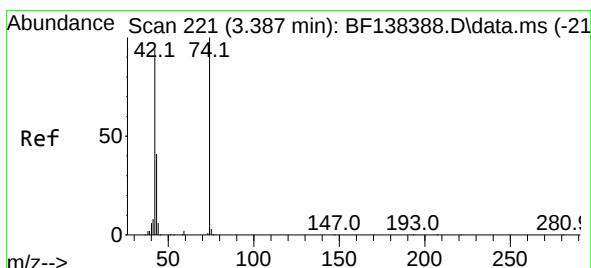
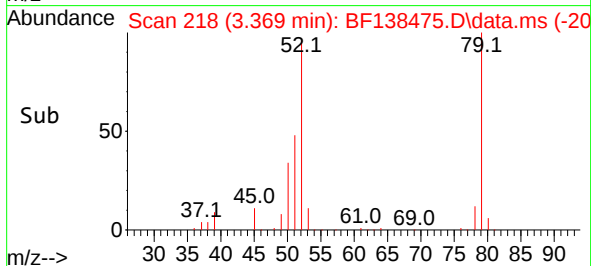
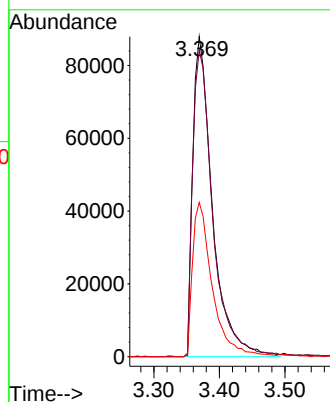
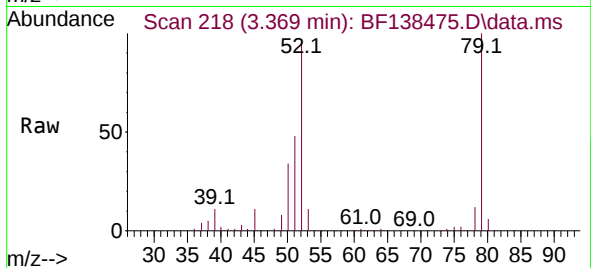
ClientSampleId :

SU-04-070324MS

Tgt Ion: 79 Resp: 18300
 Ion Ratio Lower Upper
 79 100
 52 95.8 76.2 114.2
 51 48.2 36.7 55.1

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#4

n-Nitrosodimethylamine

Concen: 52.957 ng m

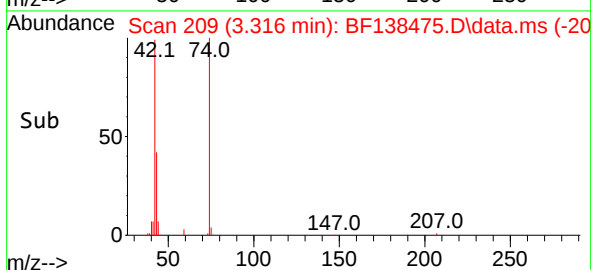
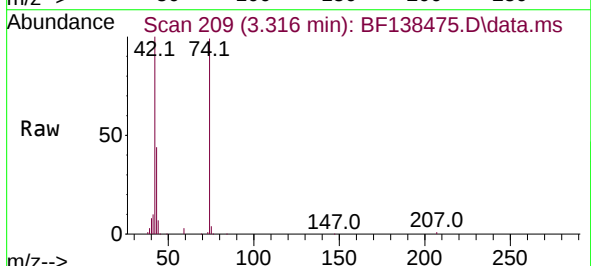
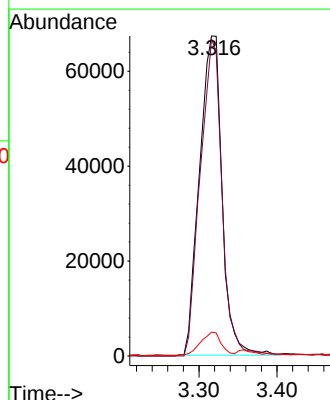
RT: 3.316 min Scan# 209

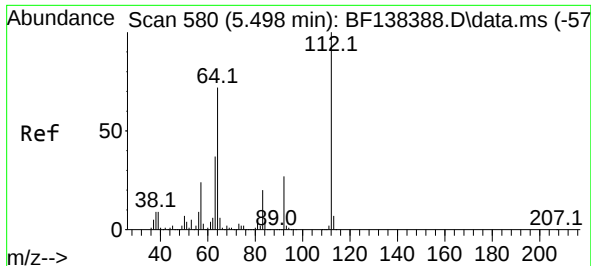
Delta R.T. -0.071 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Tgt Ion: 42 Resp: 135536
 Ion Ratio Lower Upper
 42 100
 74 99.1 85.1 127.7
 44 7.4 5.5 8.3





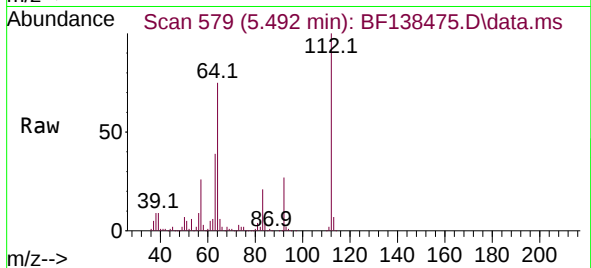
#5
2-Fluorophenol
Concen: 131.430 ng
RT: 5.492 min Scan# 511
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS



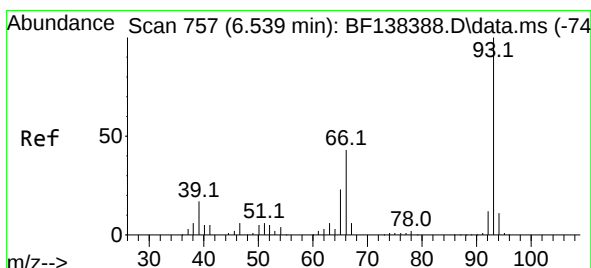
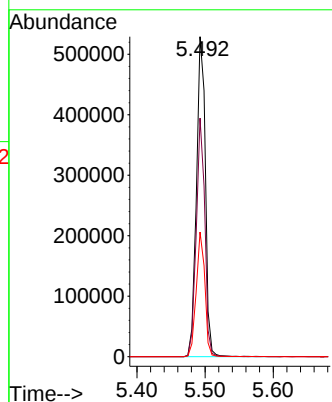
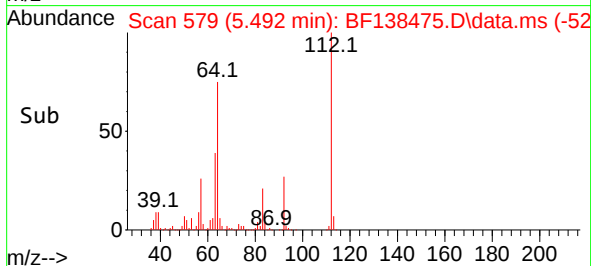
Tgt Ion:112 Resp: 479822
Ion Ratio Lower Upper
112 100
64 74.6 57.2 85.8
63 38.9 29.4 44.0

Manual Integrations

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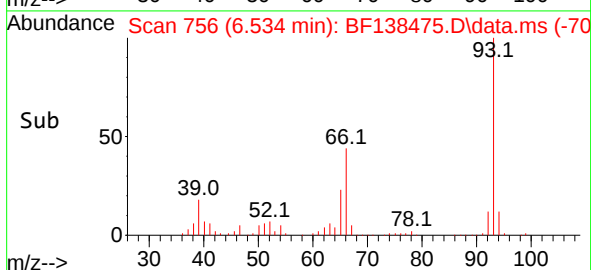
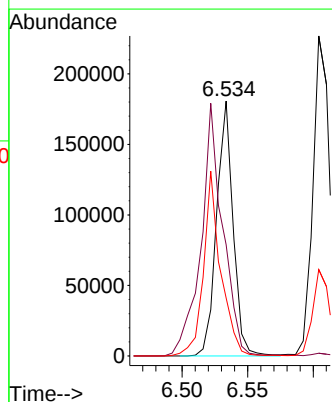
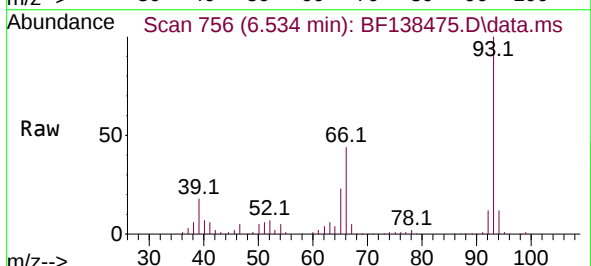
Reviewed By :Yogesh Patel 07/08/2024

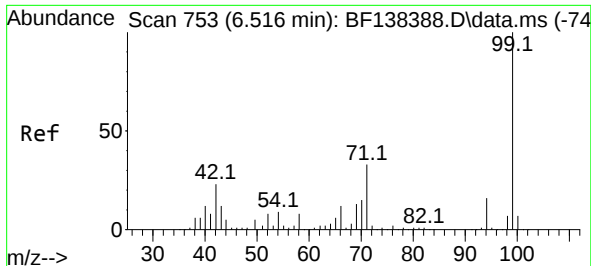
Supervised By :mohammad ahmed 07/08/2024



#6
Aniline
Concen: 32.987 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

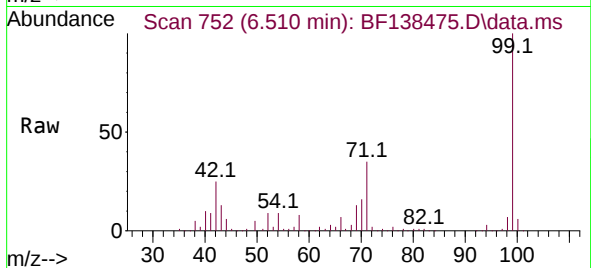
Tgt Ion: 93 Resp: 158311
Ion Ratio Lower Upper
93 100
66 43.7 34.7 52.1
65 22.8 18.5 27.7





#7
Phenol-d6
Concen: 127.774 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

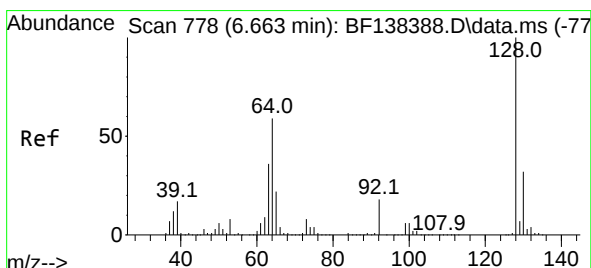
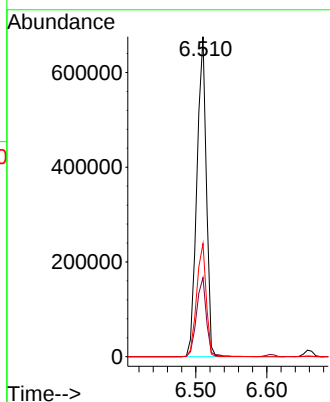
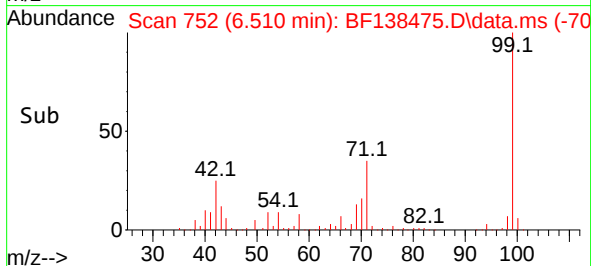
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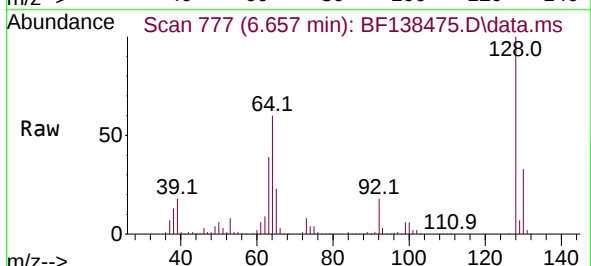
Tgt Ion: 99 Resp: 62838
Ion Ratio Lower Upper
99 100
42 24.7 18.5 27.7
71 35.3 26.1 39.1

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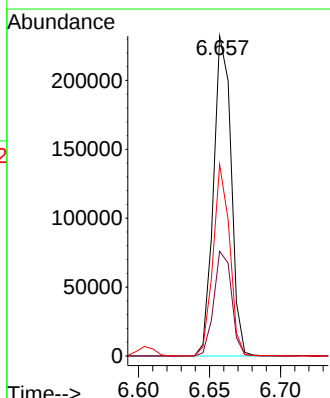
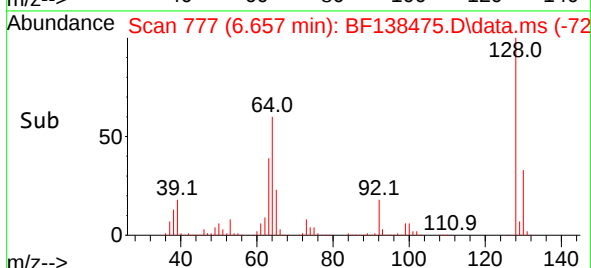
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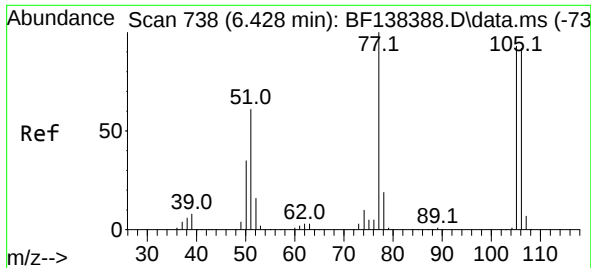


#8
2-Chlorophenol
Concen: 51.188 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36



Tgt Ion:128 Resp: 200617
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 59.8 39.6 79.6





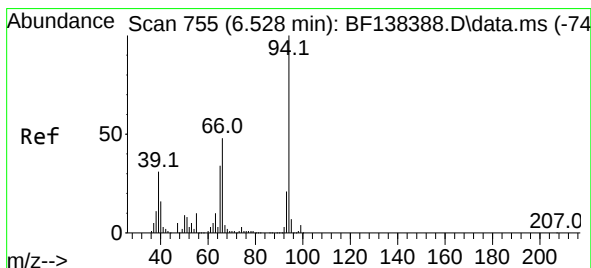
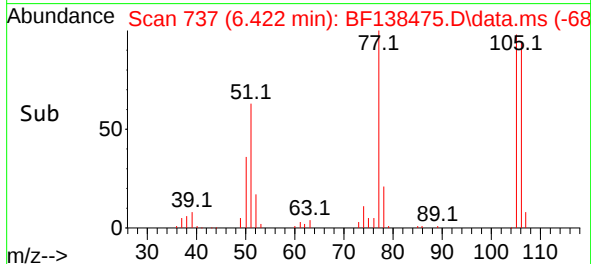
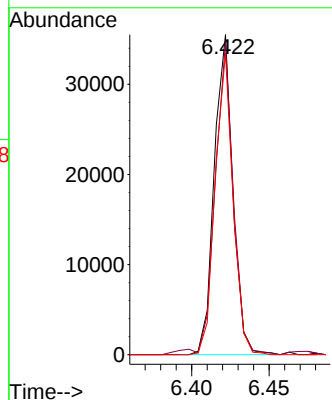
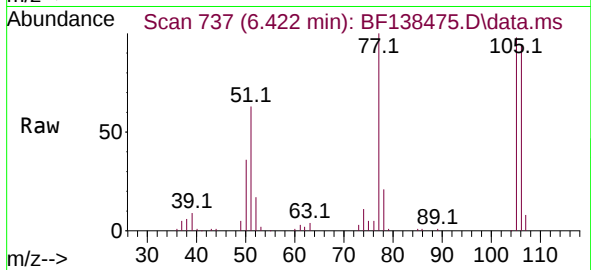
#9
Benzaldehyde
Concen: 9.772 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

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Tgt Ion: 77 Resp: 2966
Ion Ratio Lower Upper
77 100
105 97.8 73.2 113.2
106 94.2 71.5 111.5

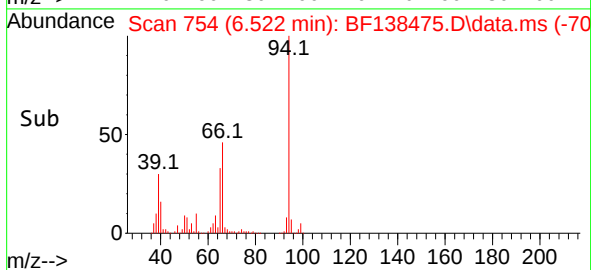
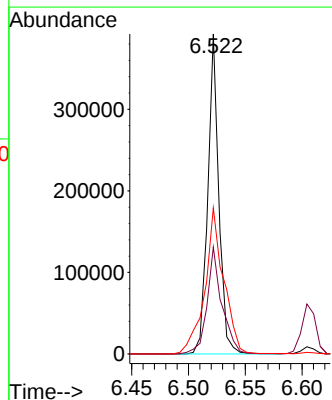
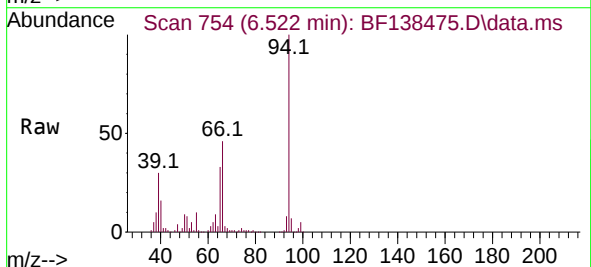
Manual Integrations
APPROVED

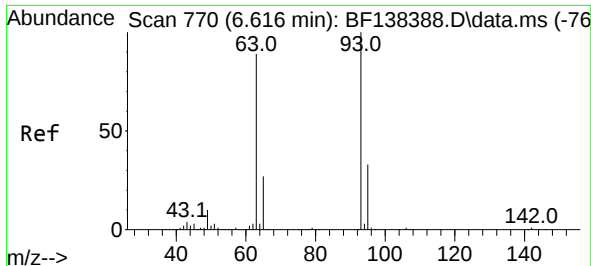
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Phenol
Concen: 50.543 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion: 94 Resp: 264826
Ion Ratio Lower Upper
94 100
65 33.4 14.2 54.2
66 45.6 27.9 67.9





#11
bis(2-Chloroethyl)ether
Concen: 47.475 ng
RT: 6.604 min Scan# 770
Delta R.T. -0.012 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

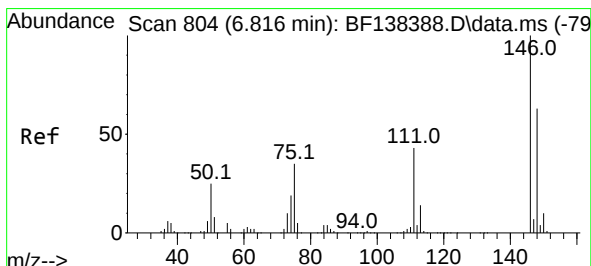
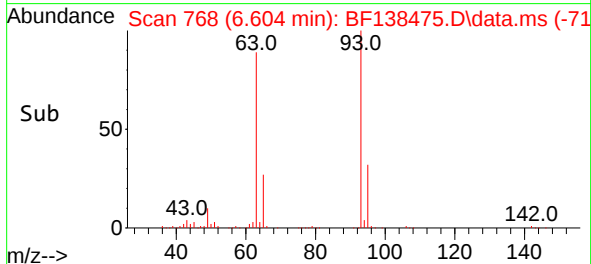
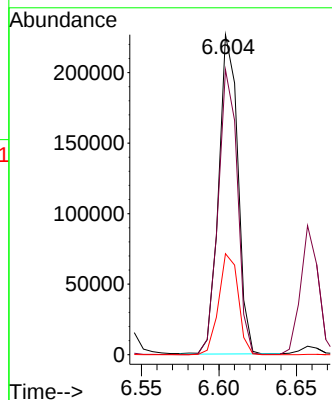
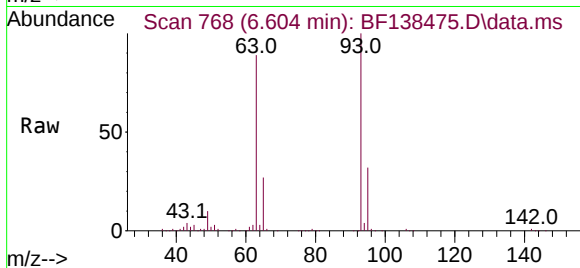
ClientSampleId :

SU-04-070324MS

Tgt Ion: 93 Resp: 195364
Ion Ratio Lower Upper
93 100
63 89.1 68.2 108.2
95 31.6 12.4 52.4

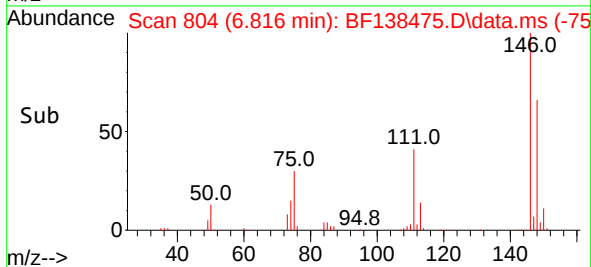
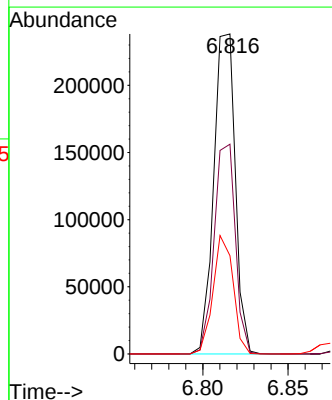
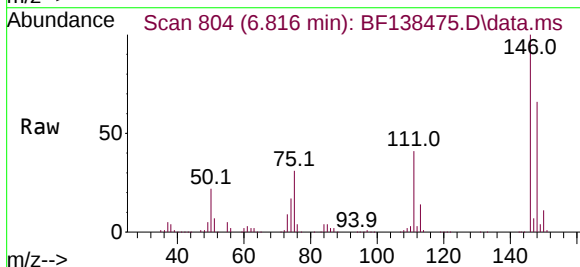
Manual Integrations
APPROVED

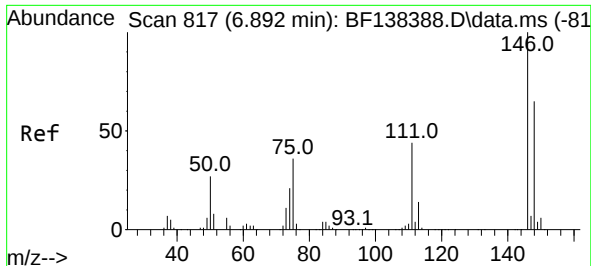
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
1,3-Dichlorobenzene
Concen: 46.916 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

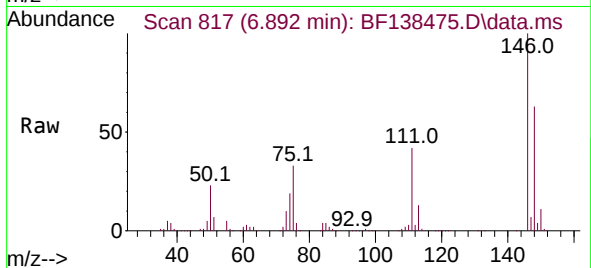
Tgt Ion:146 Resp: 210566
Ion Ratio Lower Upper
146 100
148 65.5 50.3 75.5
75 30.7 27.8 41.6





#13
1,4-Dichlorobenzene
Concen: 48.197 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

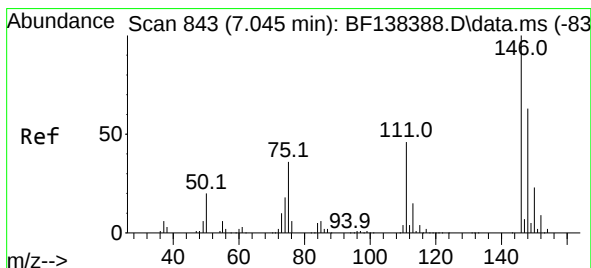
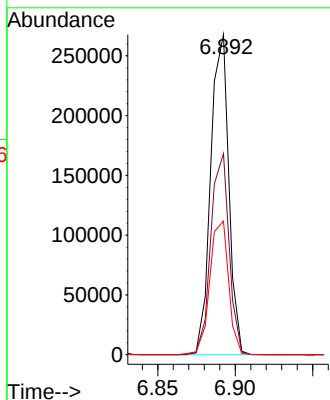
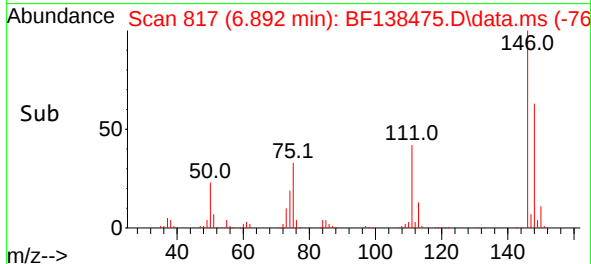
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MS



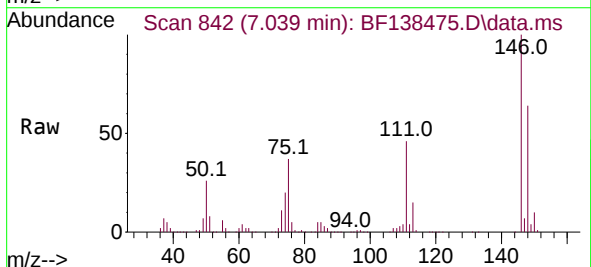
Tgt Ion:146 Resp: 216899
Ion Ratio Lower Upper
146 100
148 62.9 52.0 78.0
111 41.8 35.4 53.0

Manual Integrations
APPROVED

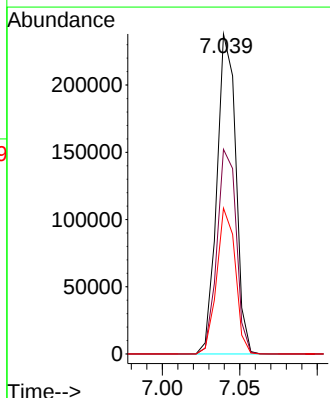
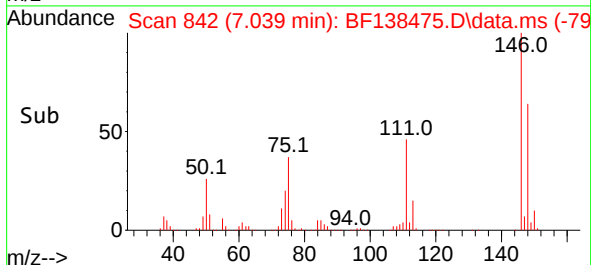
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

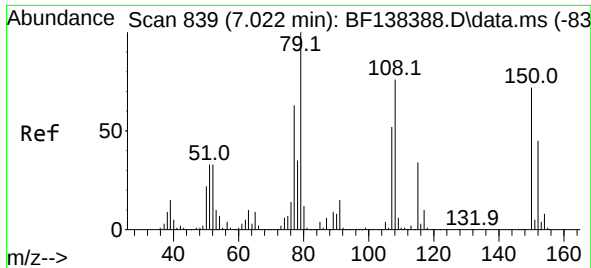


#14
1,2-Dichlorobenzene
Concen: 48.724 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36



Tgt Ion:146 Resp: 202426
Ion Ratio Lower Upper
146 100
148 63.9 50.3 75.5
111 45.6 37.1 55.7





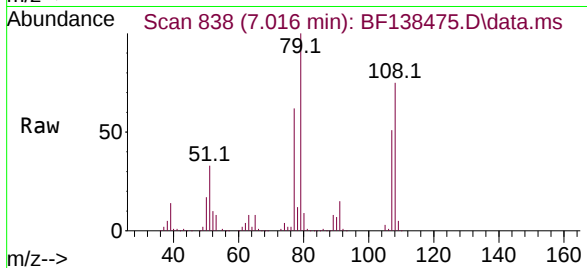
#15
Benzyl Alcohol
Concen: 52.988 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS

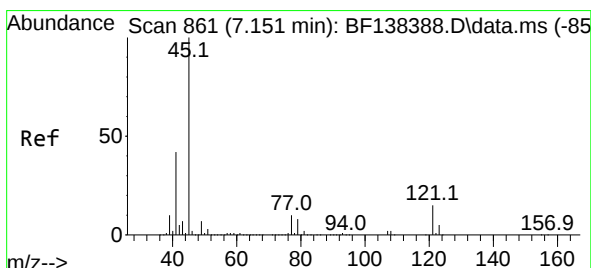
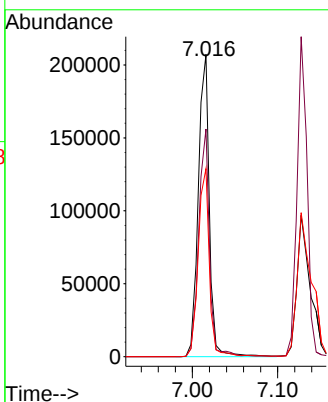
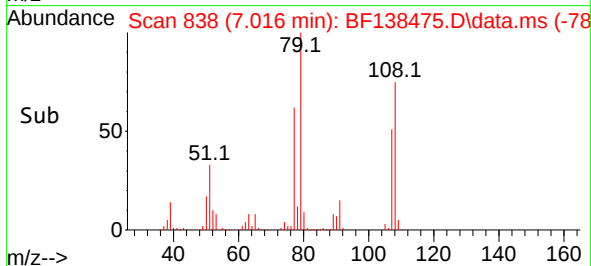


Tgt Ion: 79 Resp: 186650
Ion Ratio Lower Upper
79 100
108 75.3 60.9 91.3
77 62.2 50.6 75.8

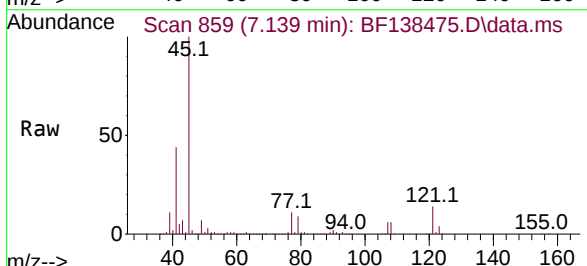
Manual Integrations

APPROVED

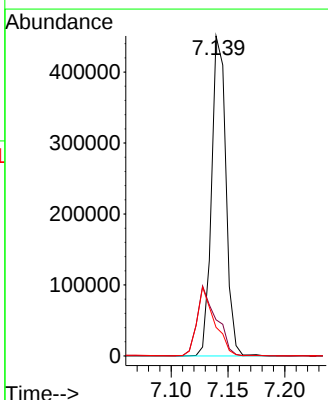
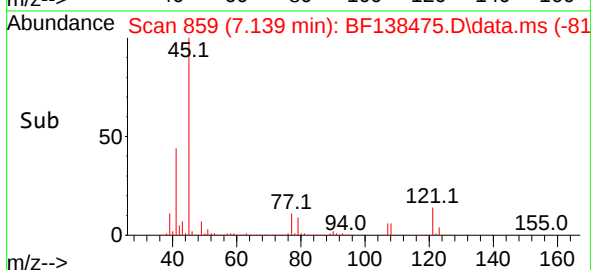
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

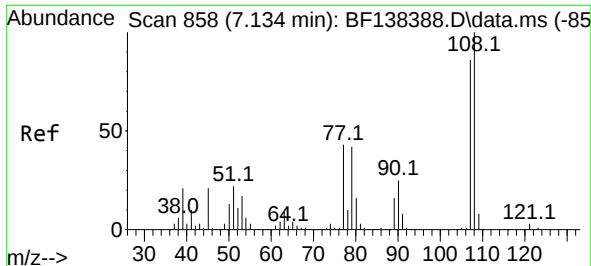


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.907 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36



Tgt Ion: 45 Resp: 397648
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.4
79 8.9 0.0 28.1





#17
2-Methylphenol
Concen: 48.818 ng
RT: 7.128 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

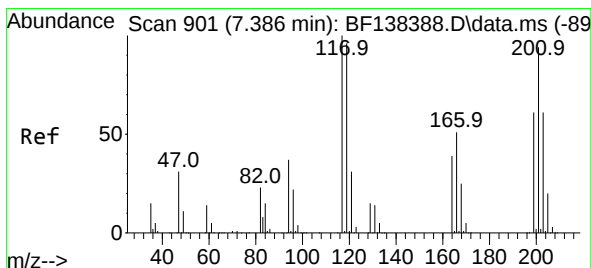
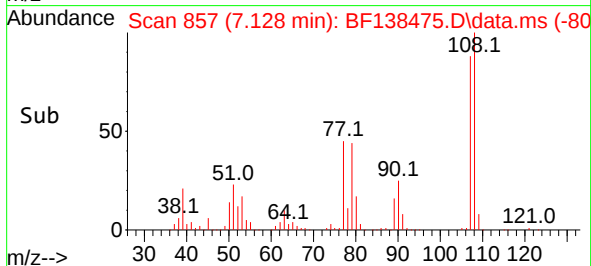
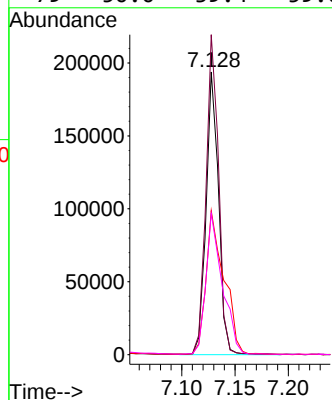
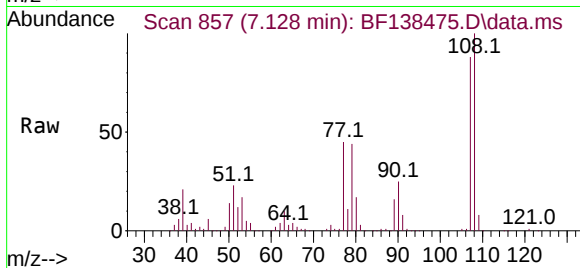
SU-04-070324MS

Tgt Ion:107 Resp: 158568
Ion Ratio Lower Upper
107 100
108 113.2 92.6 138.8
77 50.9 40.3 60.5
79 50.0 39.4 59.0

Manual Integrations

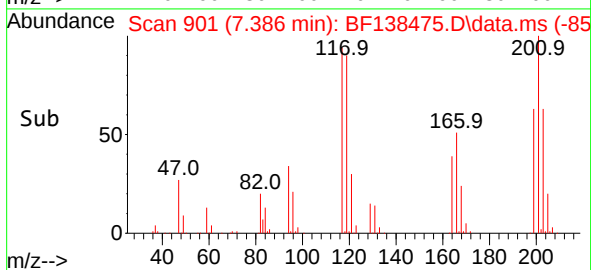
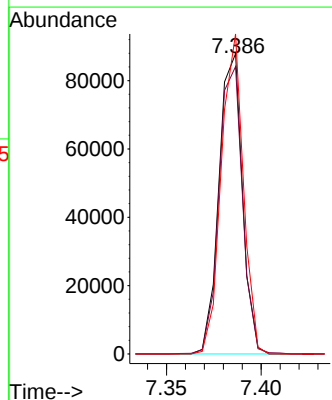
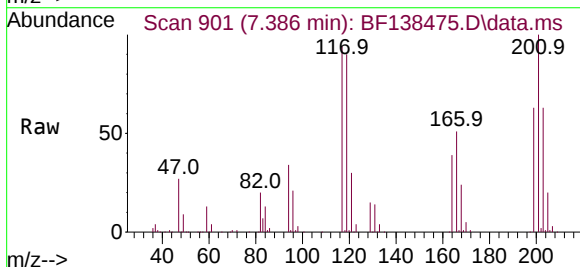
APPROVED

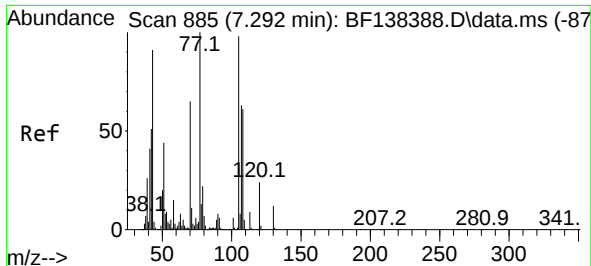
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#18
Hexachloroethane
Concen: 46.534 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

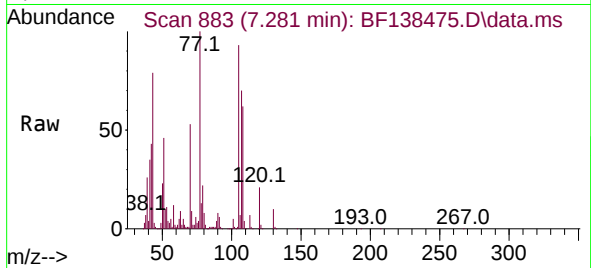
Tgt Ion:117 Resp: 75535
Ion Ratio Lower Upper
117 100
119 95.7 77.1 115.7
201 106.6 75.6 113.4





#19
n-Nitroso-di-n-propylamine
Concen: 47.009 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

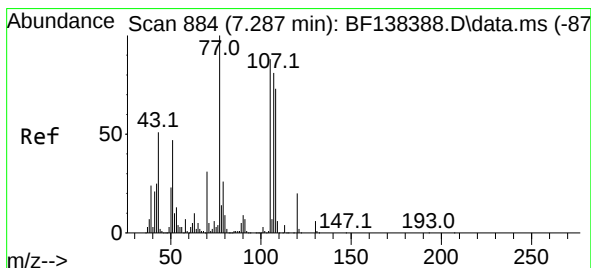
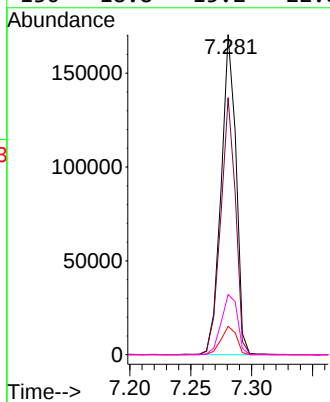
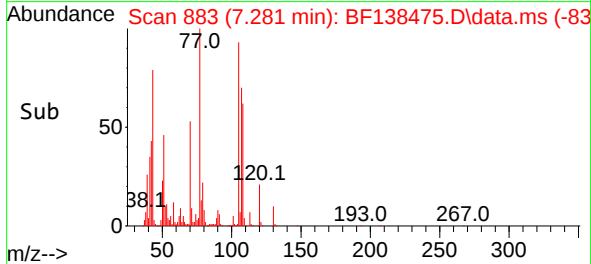
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MS



Tgt Ion: 70 Resp: 145744
Ion Ratio Lower Upper
70 100
42 80.3 62.5 93.7
101 8.9 7.0 10.4
130 18.8 15.2 22.8

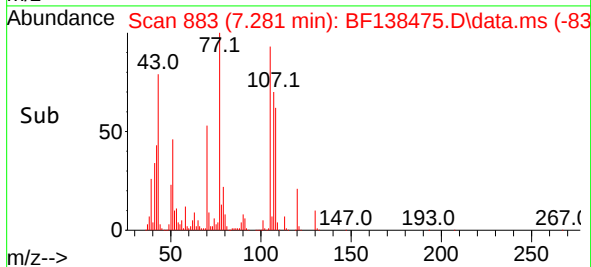
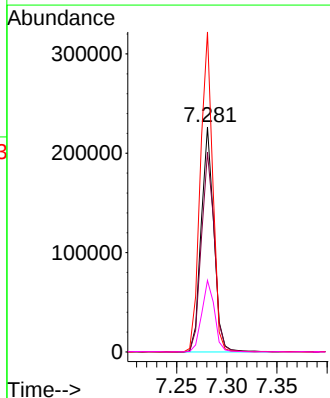
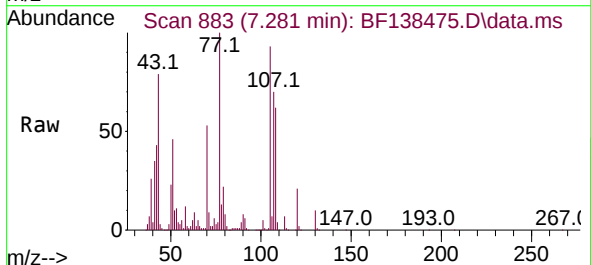
Manual Integrations
APPROVED

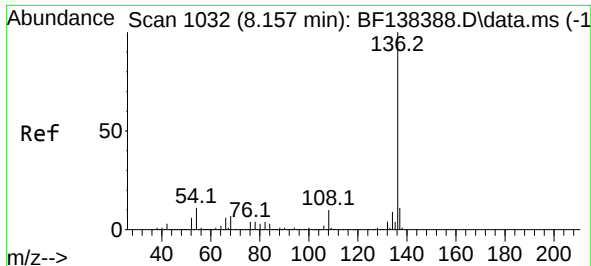
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
3+4-Methylphenols
Concen: 53.061 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion:107 Resp: 200252
Ion Ratio Lower Upper
107 100
108 88.6 70.8 110.8
77 142.2 104.0 144.0
79 31.8 12.0 52.0





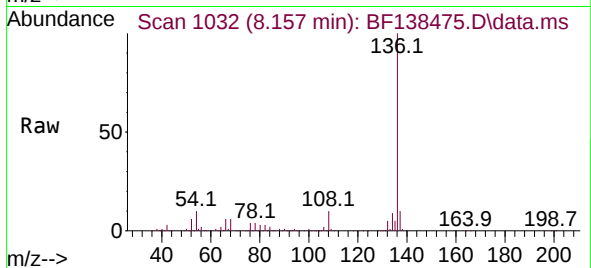
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS



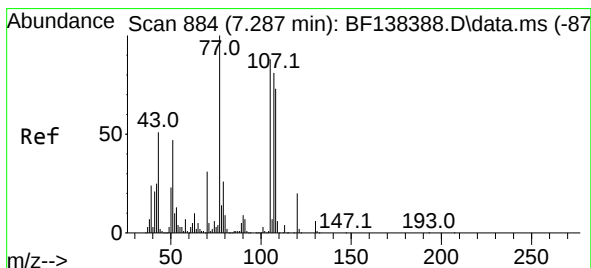
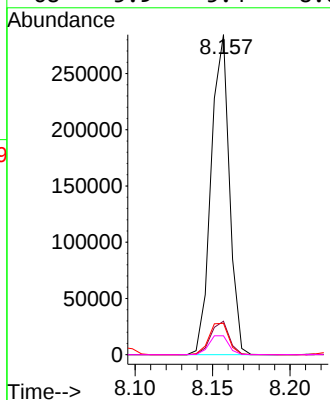
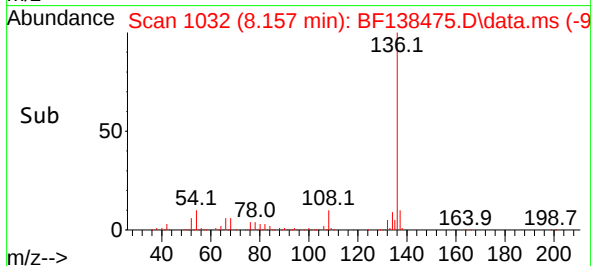
Tgt Ion:136 Resp: 233038
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 9.8 9.0 13.4
68 5.9 5.4 8.0

Manual Integrations

APPROVED

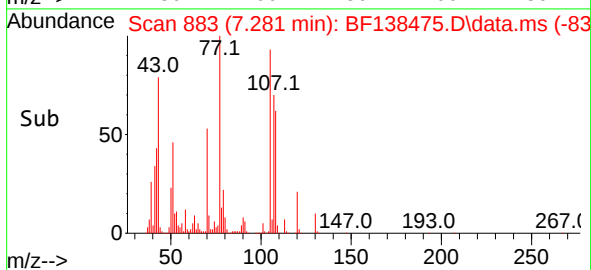
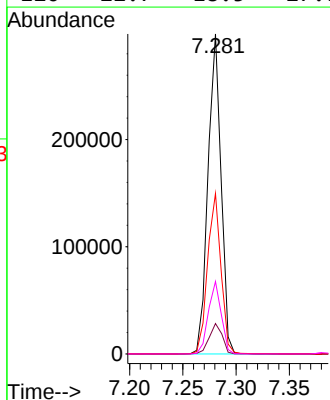
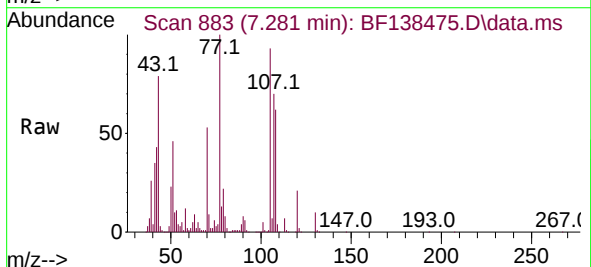
Reviewed By :Yogesh Patel 07/08/2024

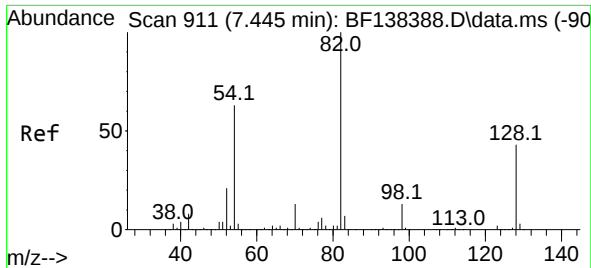
Supervised By :mohammad ahmed 07/08/2024



#22
Acetophenone
Concen: 48.077 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion:105 Resp: 254172
Ion Ratio Lower Upper
105 100
71 9.5 4.7 7.1#
51 50.1 43.2 64.8
120 22.7 18.5 27.7





#23

Nitrobenzene-d5

Concen: 88.739 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS

Tgt Ion: 82 Resp: 39808

Ion Ratio Lower Upper

82 100

128 41.0 34.6 52.0

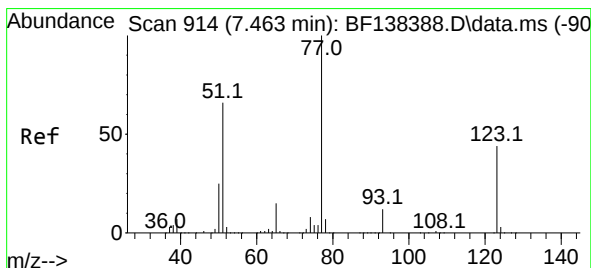
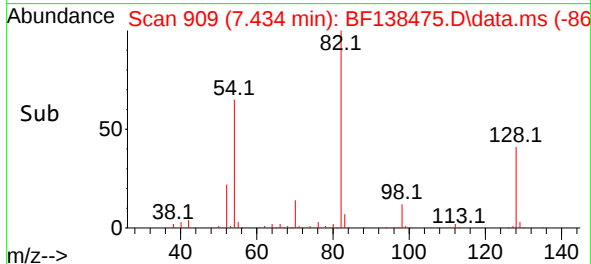
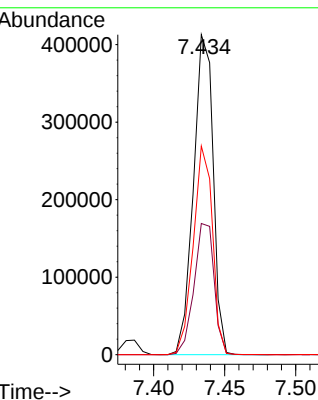
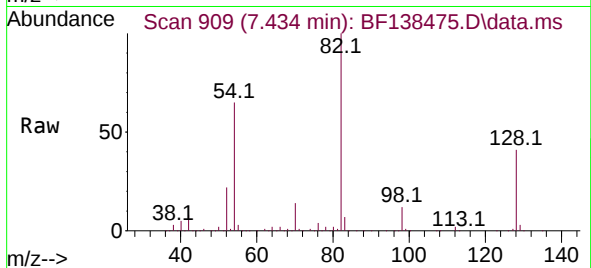
54 65.2 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#24

Nitrobenzene

Concen: 48.860 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

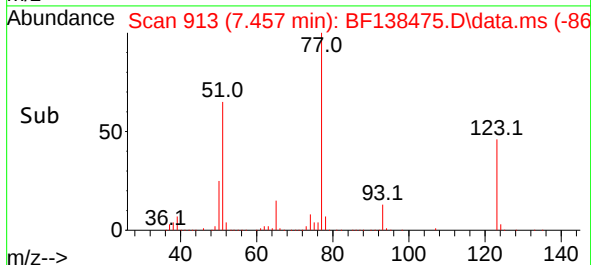
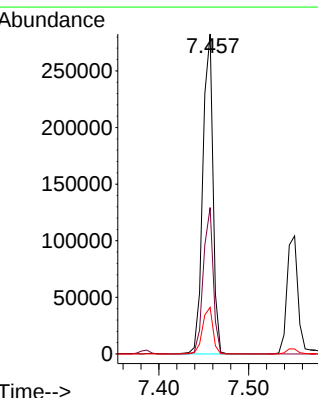
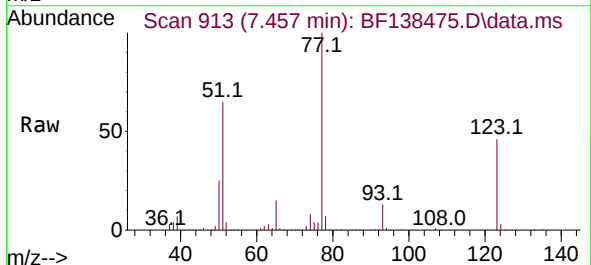
Tgt Ion: 77 Resp: 222936

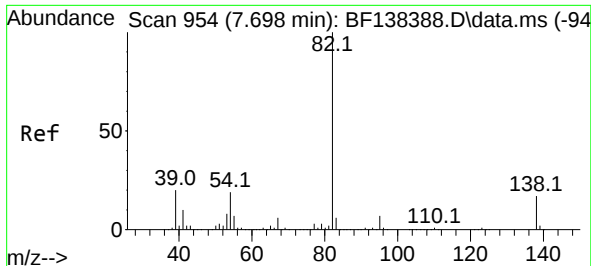
Ion Ratio Lower Upper

77 100

123 45.7 35.0 52.6

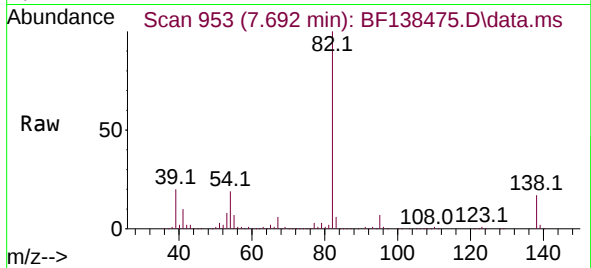
65 14.6 12.1 18.1





#25
Isophorone
Concen: 48.452 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

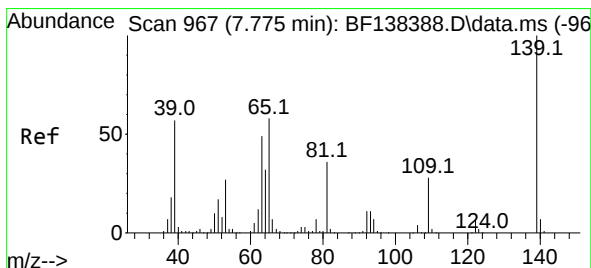
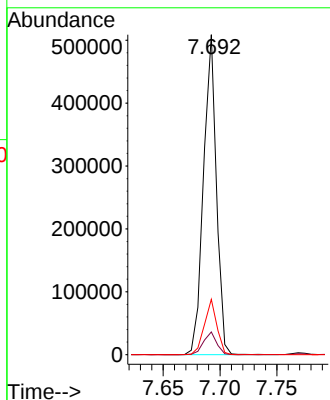
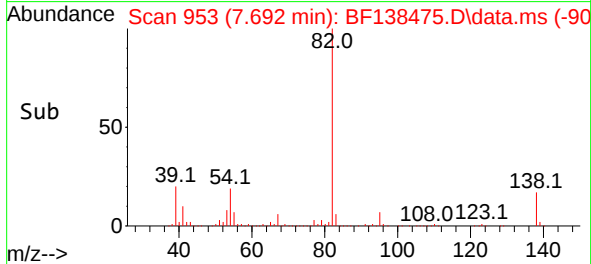
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MS



Tgt Ion: 82 Resp: 400780
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 17.3 13.4 20.2

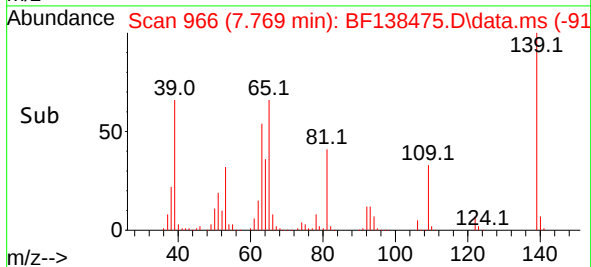
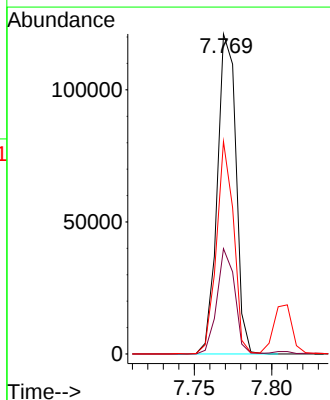
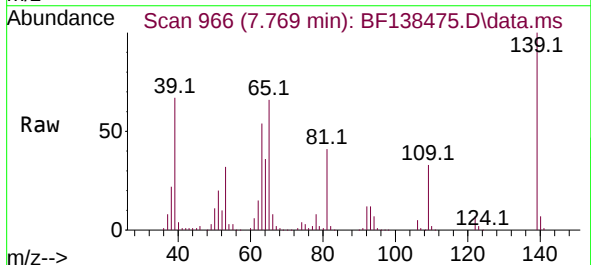
Manual Integrations
APPROVED

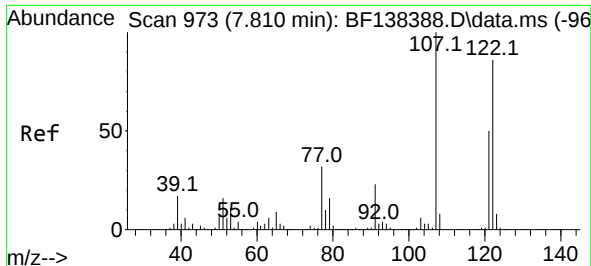
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#26
2-Nitrophenol
Concen: 51.746 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion:139 Resp: 101840
Ion Ratio Lower Upper
139 100
109 32.9 22.5 33.7
65 66.4 46.2 69.2





#27
2,4-Dimethylphenol
Concen: 54.238 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS

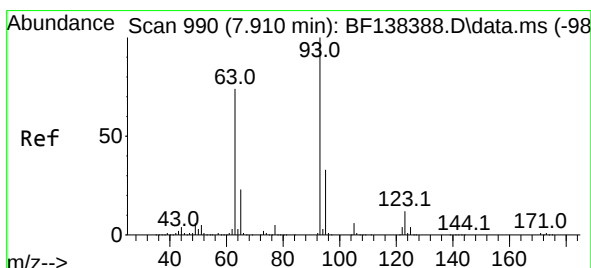
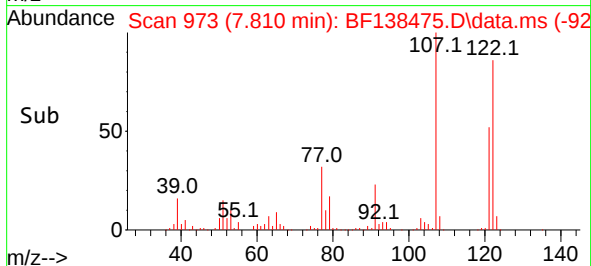
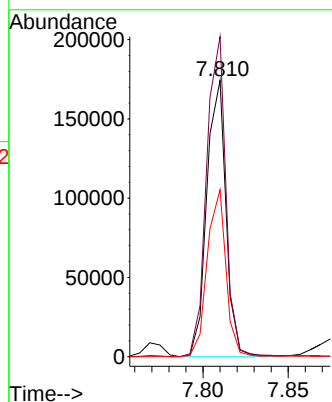
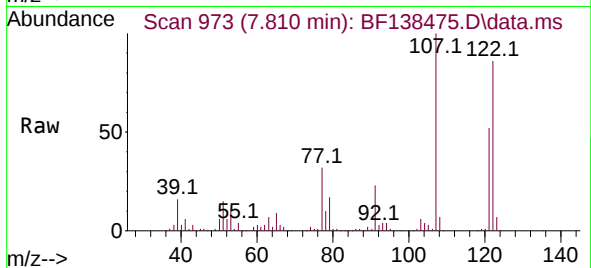
Tgt Ion:122 Resp: 13661
Ion Ratio Lower Upper
122 100
107 115.8 92.5 138.7
121 60.5 46.5 69.7

Manual Integrations

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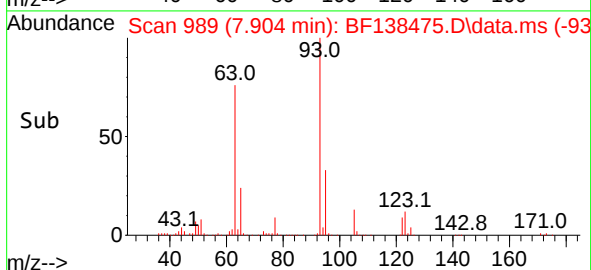
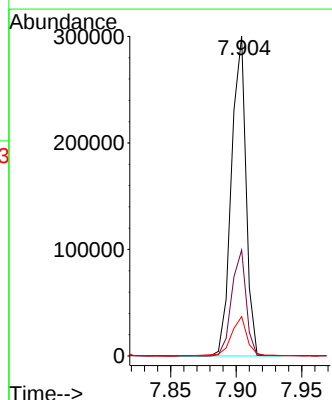
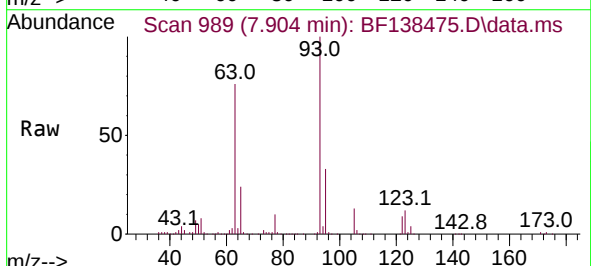
Reviewed By :Yogesh Patel 07/08/2024

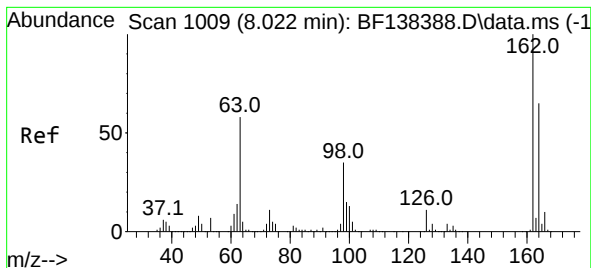
Supervised By :mohammad ahmed 07/08/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.551 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion: 93 Resp: 231773
Ion Ratio Lower Upper
93 100
95 33.1 26.6 40.0
123 12.3 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 49.356 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS

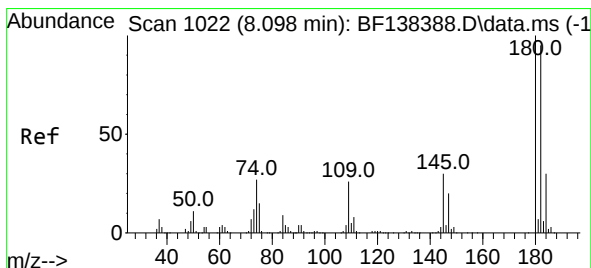
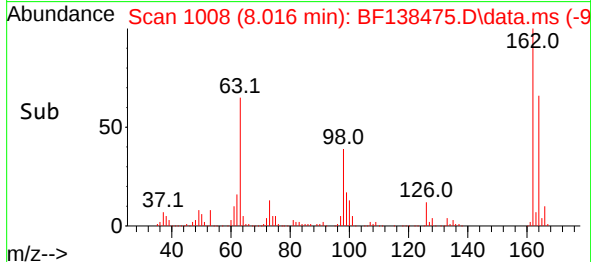
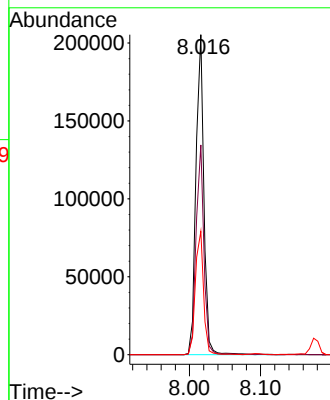
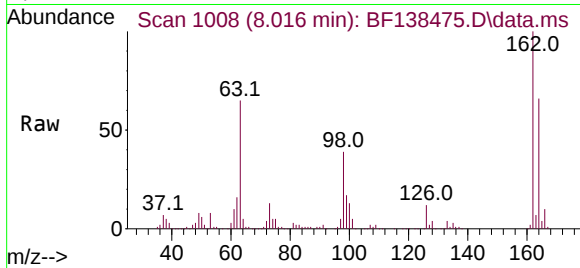
Tgt Ion:162 Resp: 159672
 Ion Ratio Lower Upper
 162 100
 164 65.5 45.4 85.4
 98 38.5 15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.759 ng

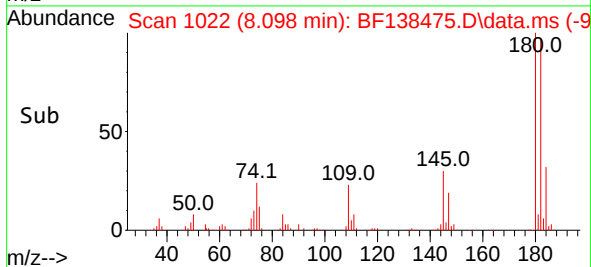
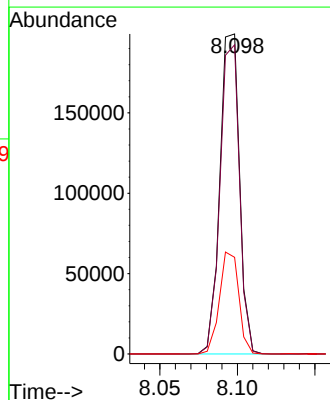
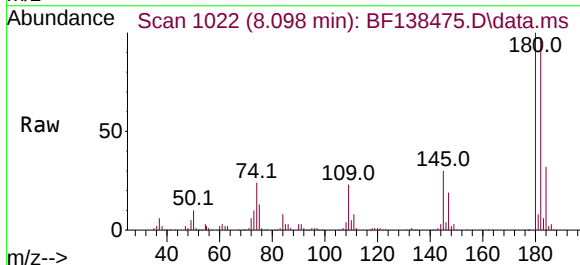
RT: 8.098 min Scan# 1022

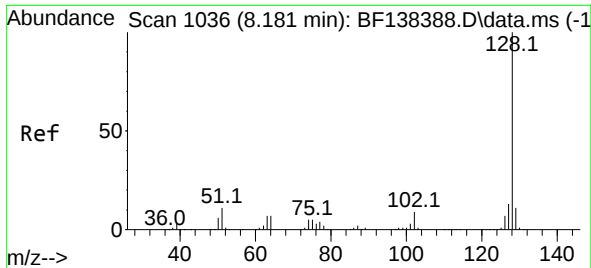
Delta R.T. 0.000 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Tgt Ion:180 Resp: 175885
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.0 114.0
 145 30.2 24.2 36.2





#31
Naphthalene
Concen: 48.729 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

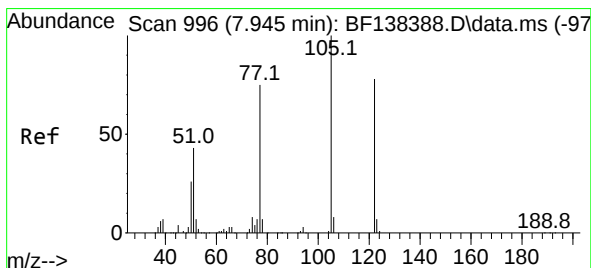
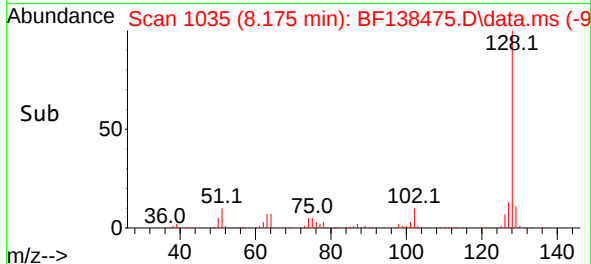
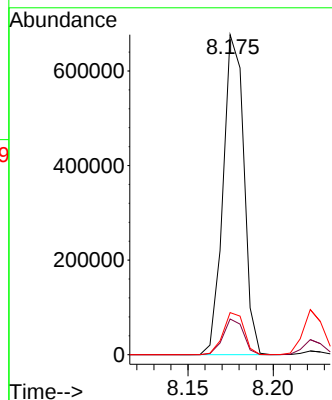
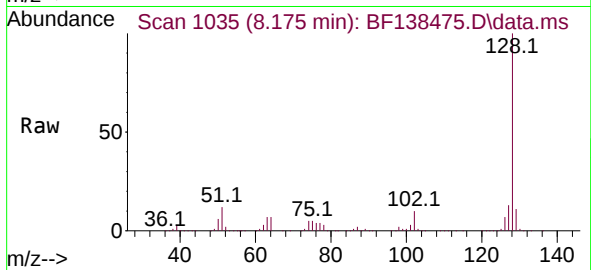
ClientSampleId :

SU-04-070324MS

Tgt Ion:128 Resp: 574068
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 10.6 16.0

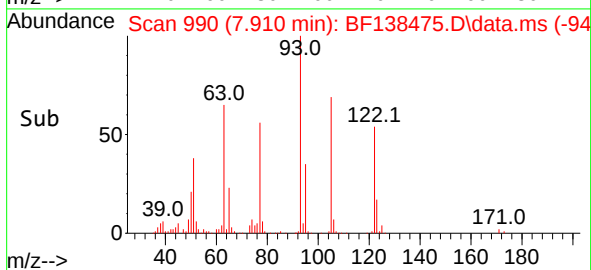
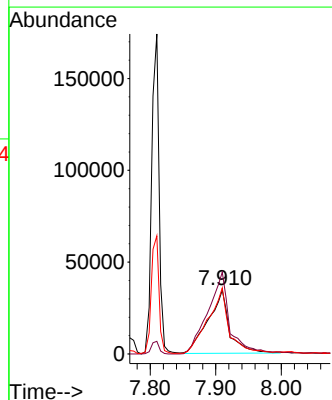
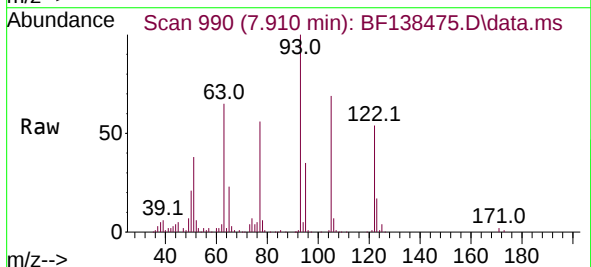
Manual Integrations
APPROVED

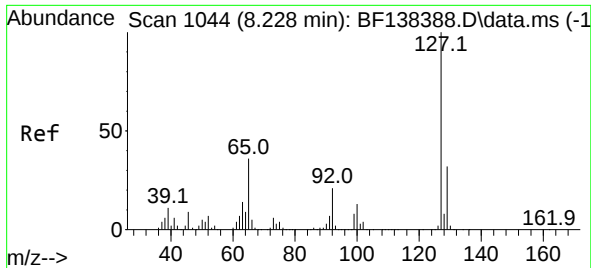
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#32
Benzoic acid
Concen: 35.286 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.035 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion:122 Resp: 78505
Ion Ratio Lower Upper
122 100
105 128.2 103.8 143.8
77 103.6 74.3 114.3





#33
4-Chloroaniline
Concen: 21.509 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS

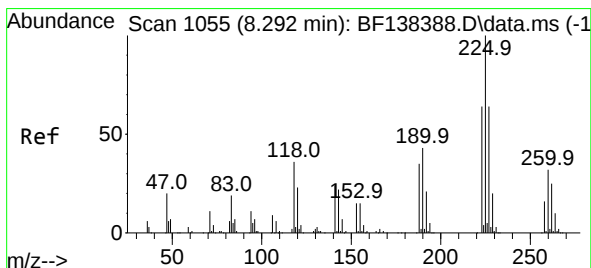
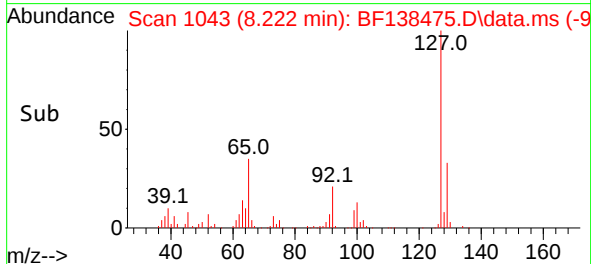
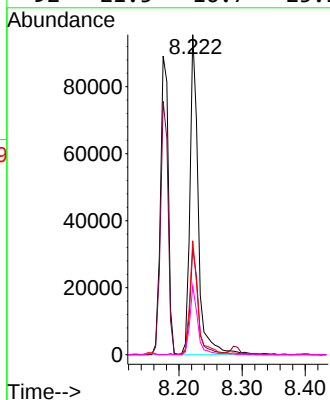
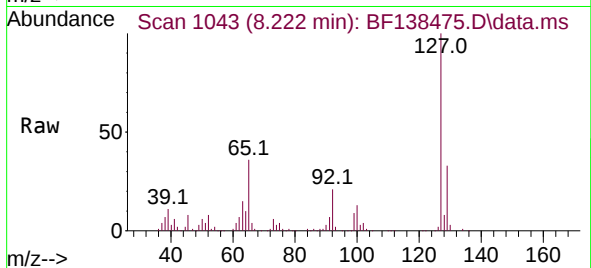
Tgt Ion:	127	Resp:	8849
Ion Ratio	Lower	Upper	
127	100		
129	33.2	25.4	38.2
65	35.6	28.7	43.1
92	21.5	16.7	25.1

Manual Integrations

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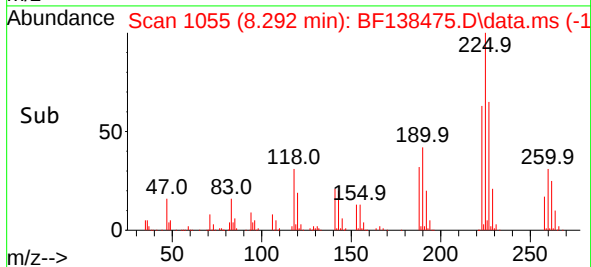
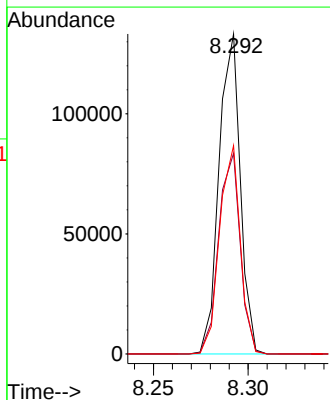
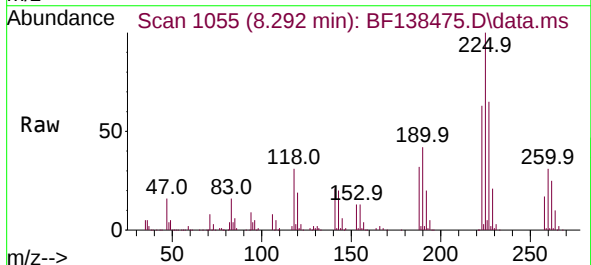
Reviewed By :Yogesh Patel 07/08/2024

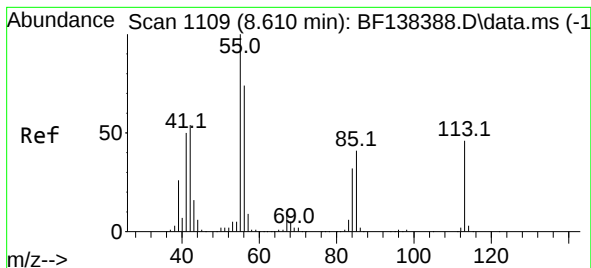
Supervised By :mohammad ahmed 07/08/2024



#34
Hexachlorobutadiene
Concen: 46.058 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion:	225	Resp:	104016
Ion Ratio	Lower	Upper	
225	100		
223	62.7	51.0	76.6
227	65.1	51.2	76.8





#35

Caprolactam

Concen: 47.325 ng

RT: 8.581 min Scan# 1104

Delta R.T. -0.029 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS

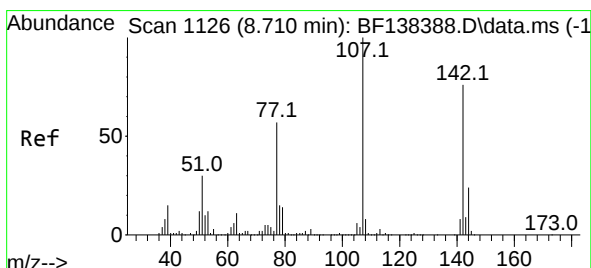
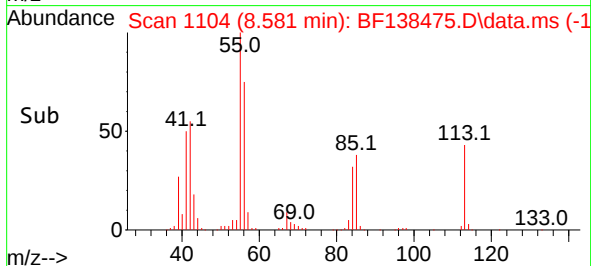
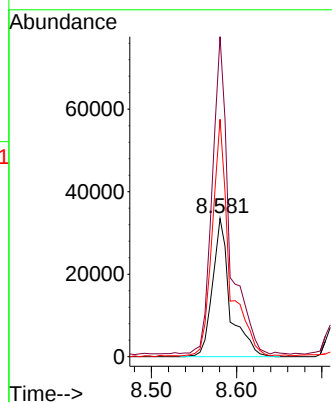
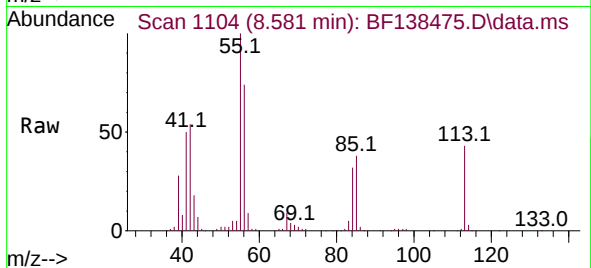
Tgt Ion:	113	Resp:	48340
Ion Ratio	Lower	Upper	
113	100		
55	231.4	195.9	235.9
56	171.8	138.7	178.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#36

4-Chloro-3-methylphenol

Concen: 50.002 ng

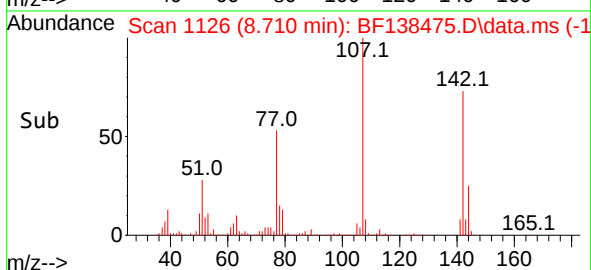
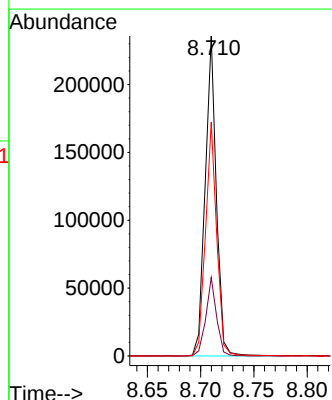
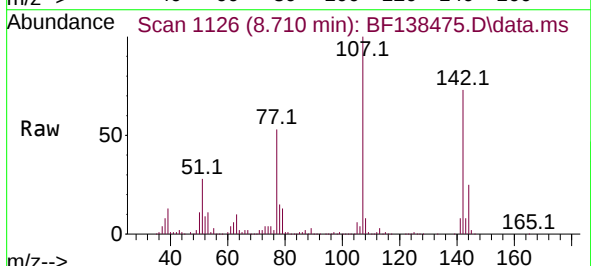
RT: 8.710 min Scan# 1126

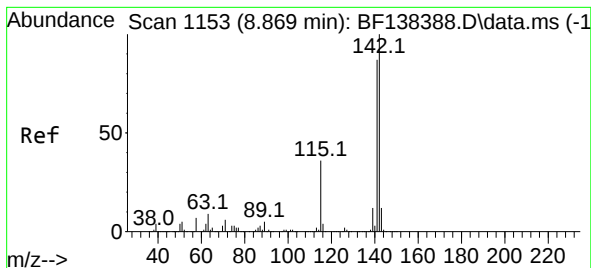
Delta R.T. -0.000 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Tgt Ion:	107	Resp:	172304
Ion Ratio	Lower	Upper	
107	100		
144	24.5	19.2	28.8
142	73.1	61.0	91.6





#37
2-Methylnaphthalene
Concen: 47.392 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

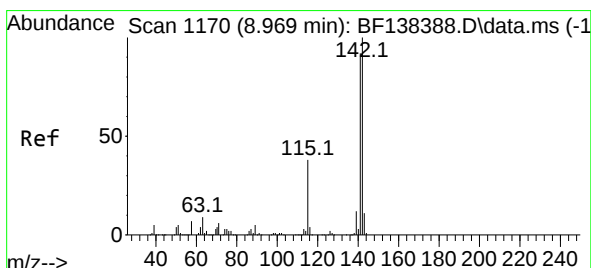
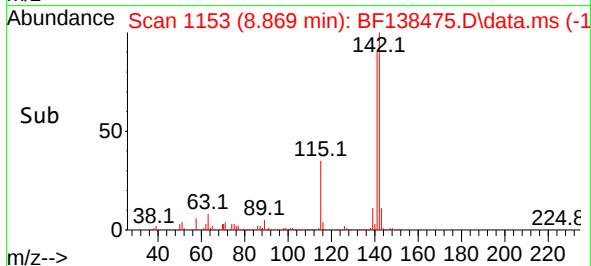
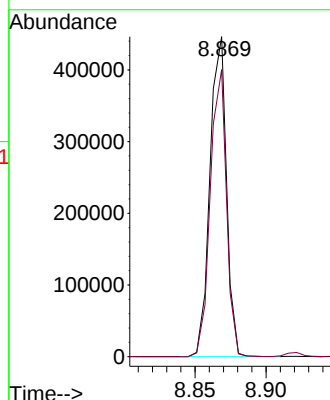
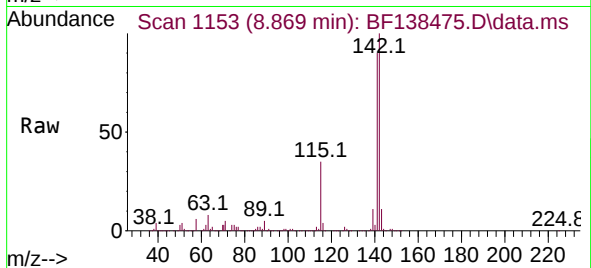
SU-04-070324MS

Tgt Ion:142 Resp: 360834
Ion Ratio Lower Upper
142 100
141 89.7 69.6 104.4

Manual Integrations

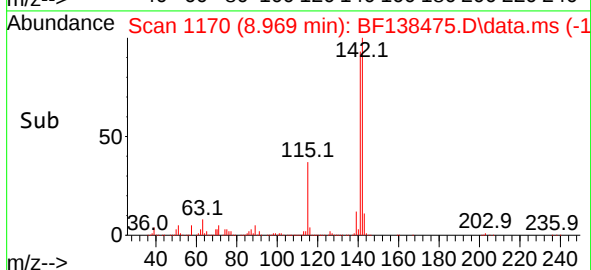
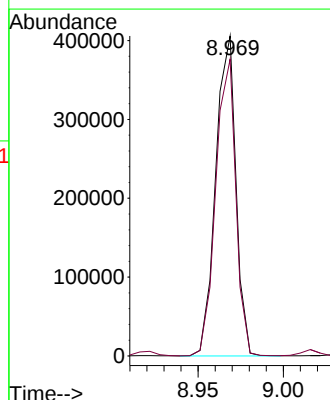
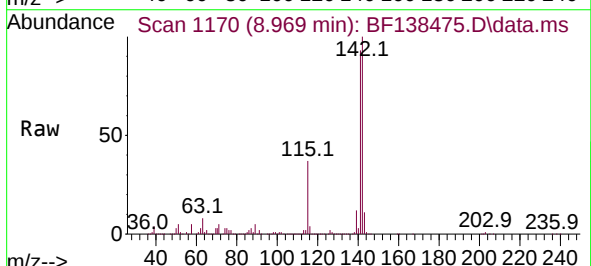
APPROVED

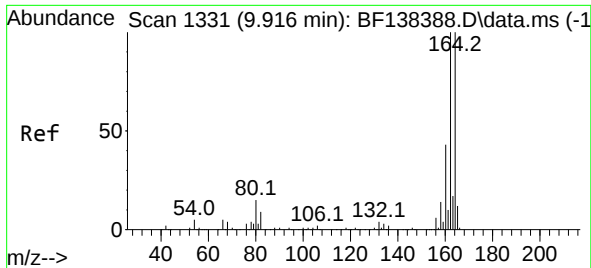
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#38
1-Methylnaphthalene
Concen: 45.243 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion:142 Resp: 334075
Ion Ratio Lower Upper
142 100
141 92.7 73.7 110.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

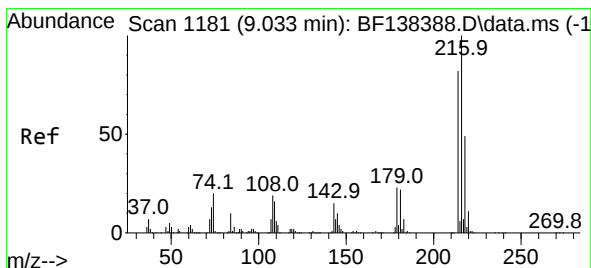
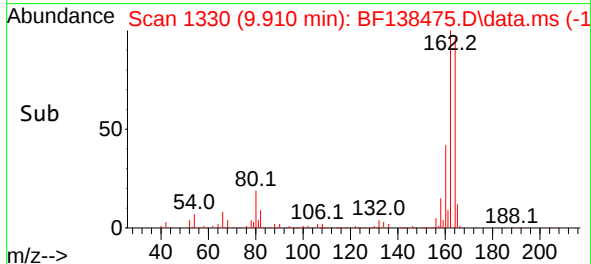
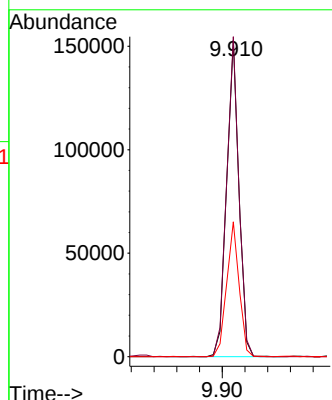
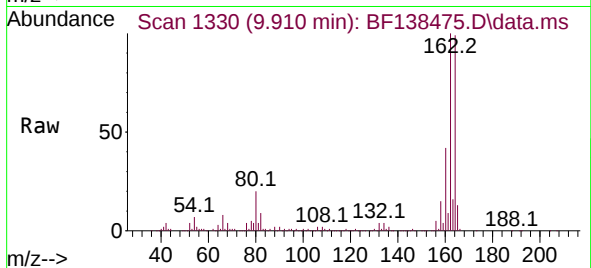
ClientSampleId :

SU-04-070324MS

Tgt Ion:164 Resp: 11526
Ion Ratio Lower Upper
164 100
162 101.1 80.1 120.1
160 42.6 34.1 51.1

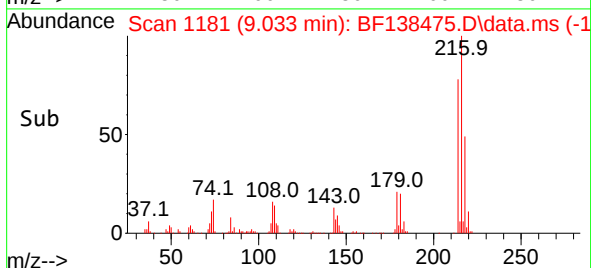
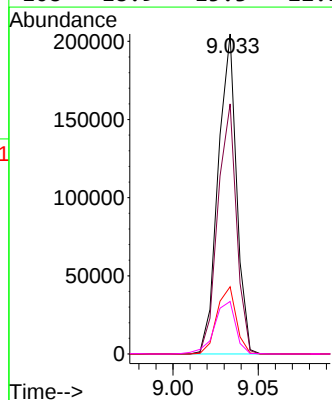
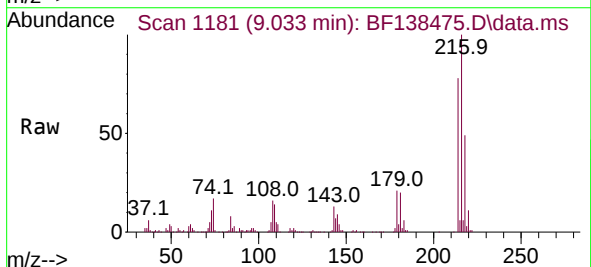
Manual Integrations
APPROVED

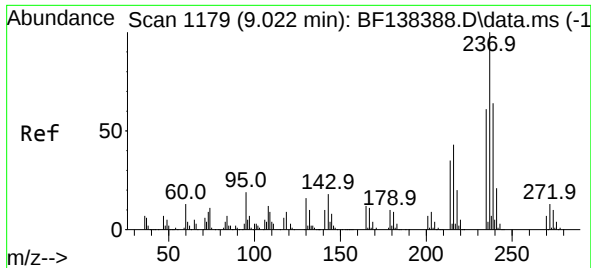
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.324 ng
RT: 9.033 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

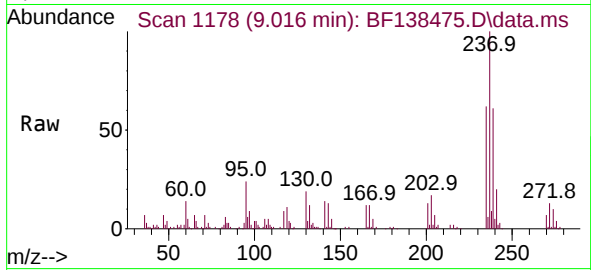
Tgt Ion:216 Resp: 154070
Ion Ratio Lower Upper
216 100
214 79.1 64.2 96.4
179 21.9 17.4 26.0
108 18.9 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 46.356 ng
RT: 9.016 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

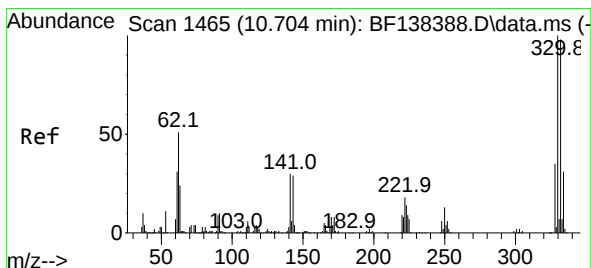
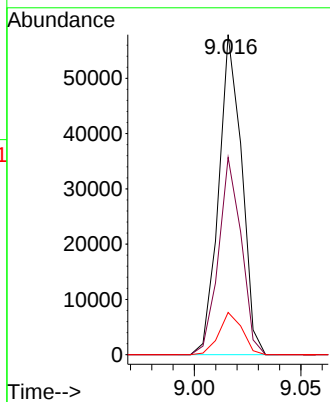
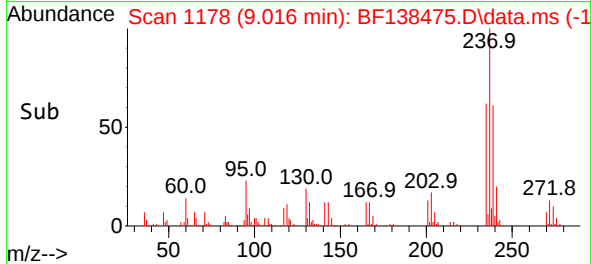
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MS



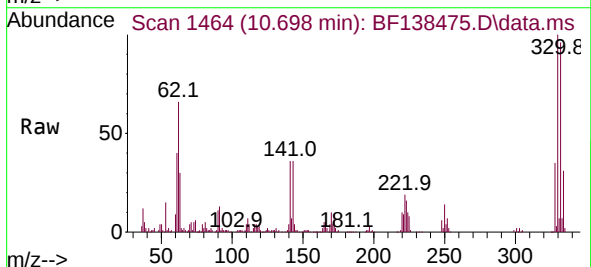
Tgt Ion:237 Resp: 43504
Ion Ratio Lower Upper
237 100
235 61.6 41.4 81.4
272 13.2 0.0 33.1

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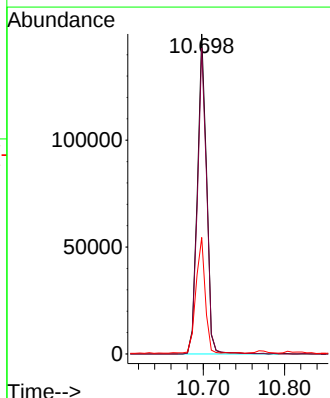
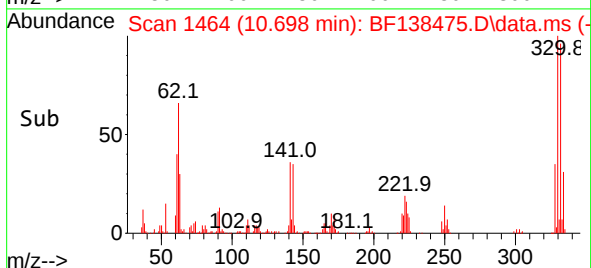
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

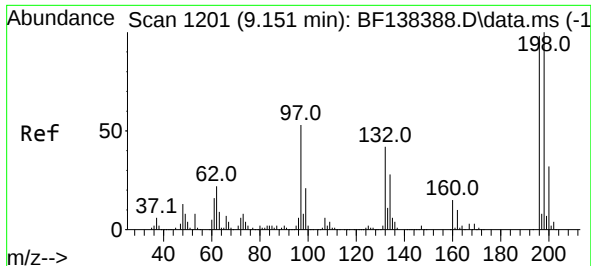


#42
2,4,6-Tribromophenol
Concen: 125.360 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36



Tgt Ion:330 Resp: 118057
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 36.2 28.1 42.1





#43

2,4,6-Trichlorophenol

Concen: 52.130 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF138475.D

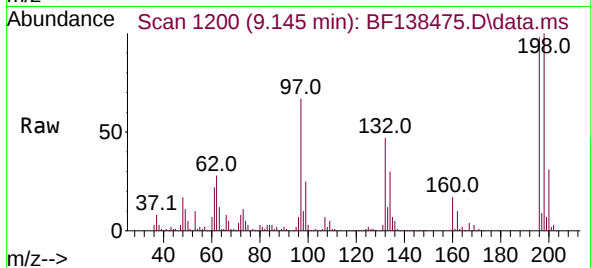
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS



Tgt Ion:196 Resp: 105758

Ion Ratio Lower Upper

196 100

198 102.1 81.8 122.8

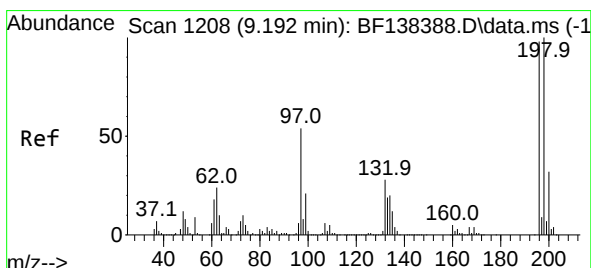
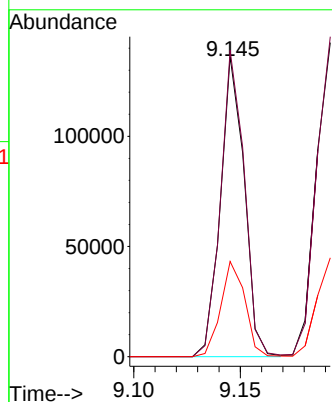
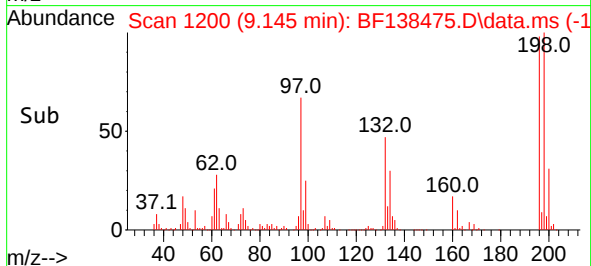
200 31.7 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#44

2,4,5-Trichlorophenol

Concen: 49.564 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Tgt Ion:196 Resp: 109358

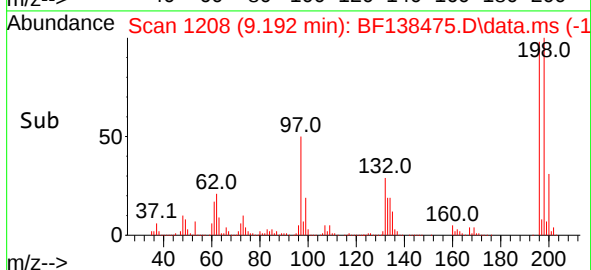
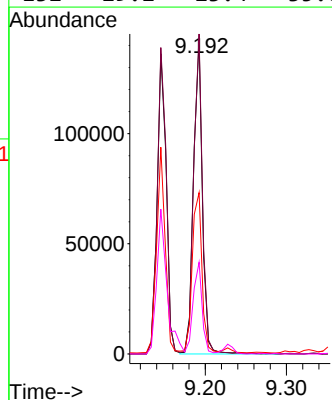
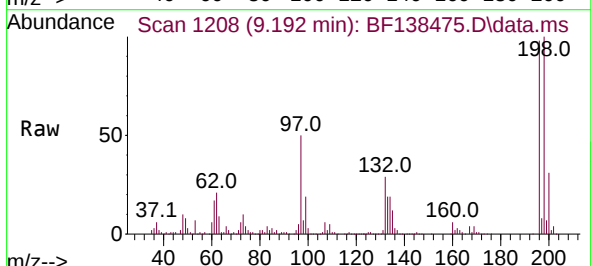
Ion Ratio Lower Upper

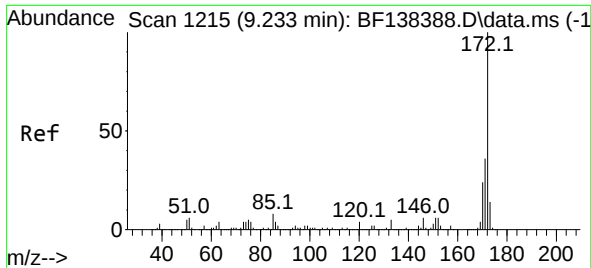
196 100

198 101.9 81.8 122.6

97 51.3 44.2 66.4

132 29.2 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 92.170 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

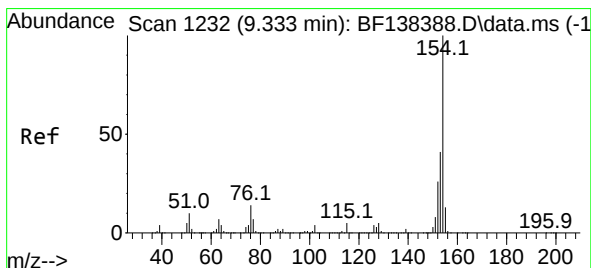
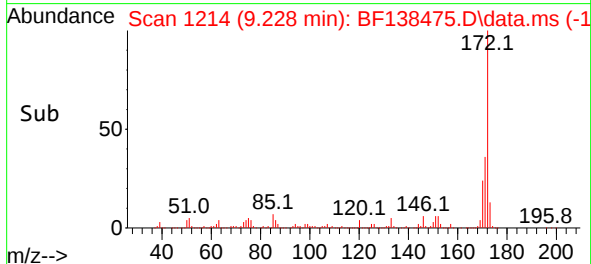
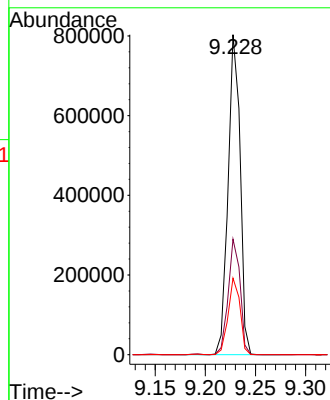
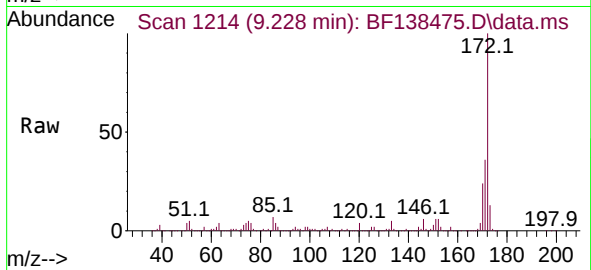
SU-04-070324MS

Tgt Ion:172 Resp: 667579
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 23.9 19.0 28.6

Manual Integrations

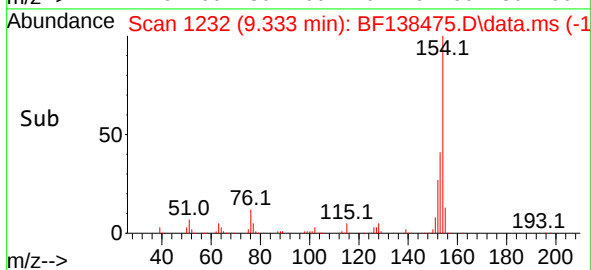
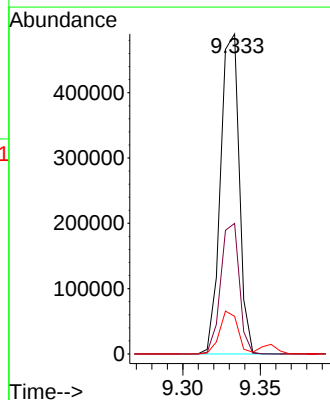
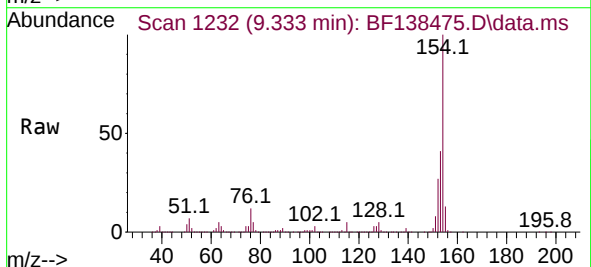
APPROVED

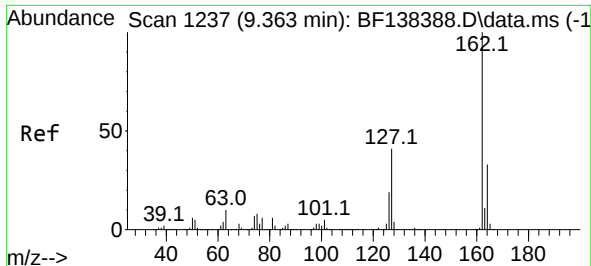
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#46
1,1'-Biphenyl
Concen: 47.826 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion:154 Resp: 411620
Ion Ratio Lower Upper
154 100
153 40.8 20.5 60.5
76 11.7 0.0 34.4





#47
2-Chloronaphthalene
Concen: 49.023 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

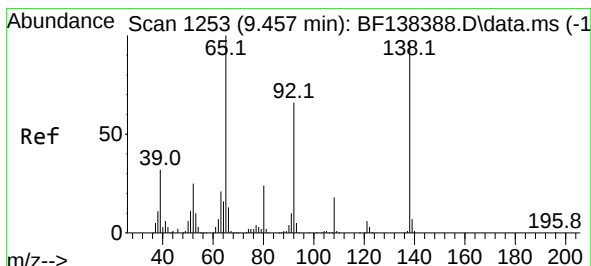
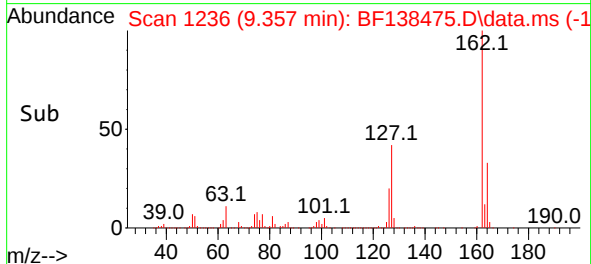
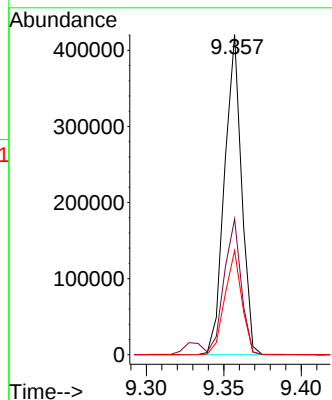
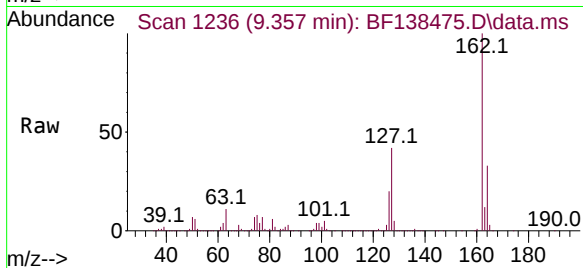
SU-04-070324MS

Tgt Ion:162 Resp: 32169
Ion Ratio Lower Upper
162 100
127 42.4 32.7 49.1
164 32.6 26.6 40.0

Manual Integrations

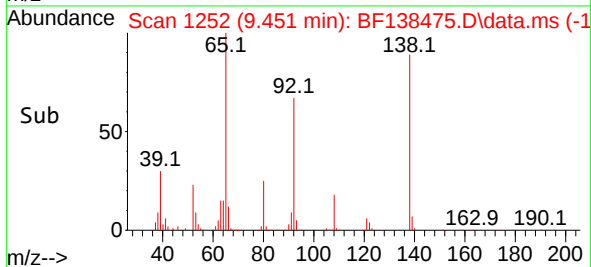
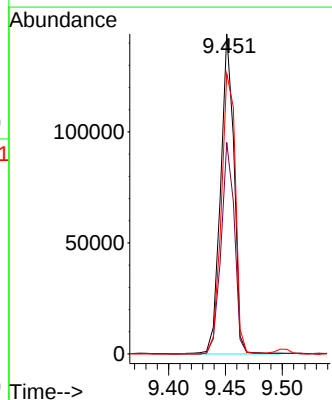
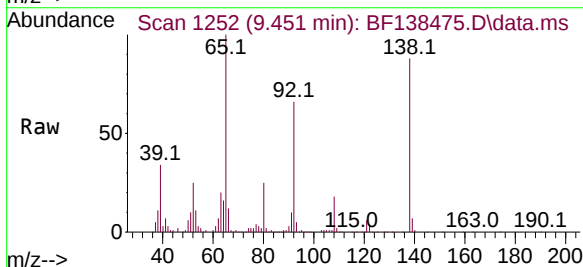
APPROVED

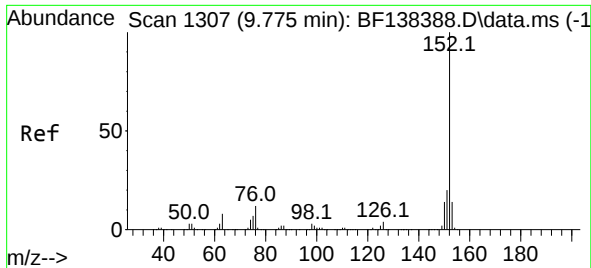
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#48
2-Nitroaniline
Concen: 56.112 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion: 65 Resp: 118774
Ion Ratio Lower Upper
65 100
92 66.1 52.6 79.0
138 87.6 77.4 116.0





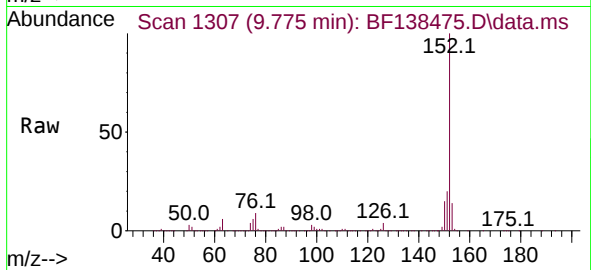
#49
Acenaphthylene
Concen: 53.849 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS



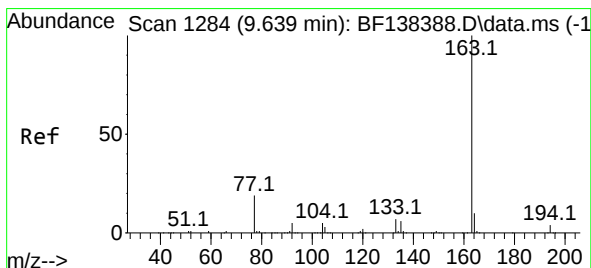
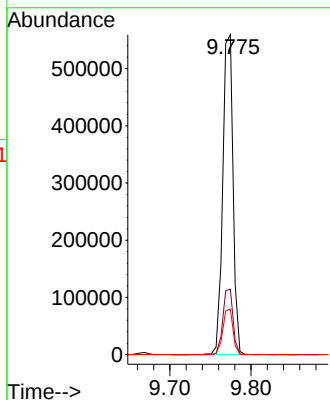
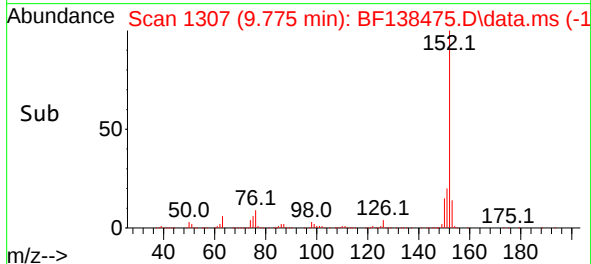
Tgt Ion:152 Resp: 496950
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.2 11.4 17.2

Manual Integrations

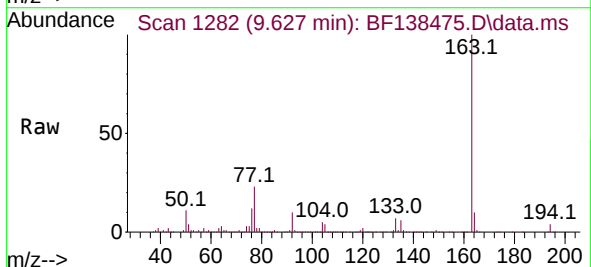
APPROVED

Reviewed By :Yogesh Patel 07/08/2024

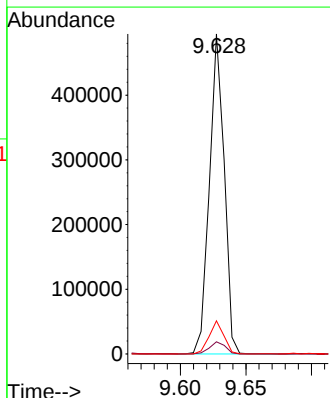
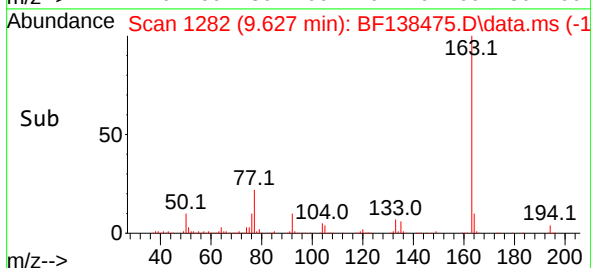
Supervised By :mohammad ahmed 07/08/2024

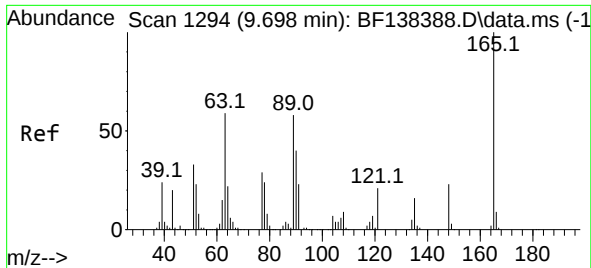


#50
Dimethylphthalate
Concen: 52.501 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36



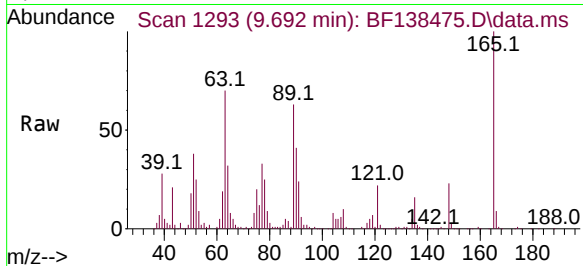
Tgt Ion:163 Resp: 388925
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 48.942 ng
RT: 9.692 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

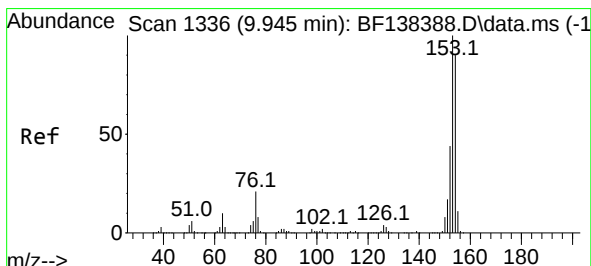
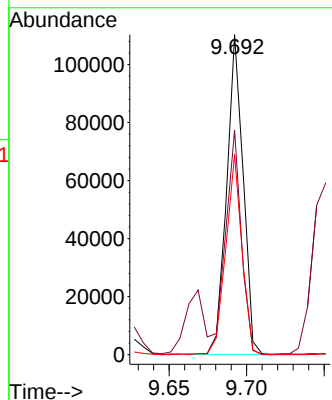
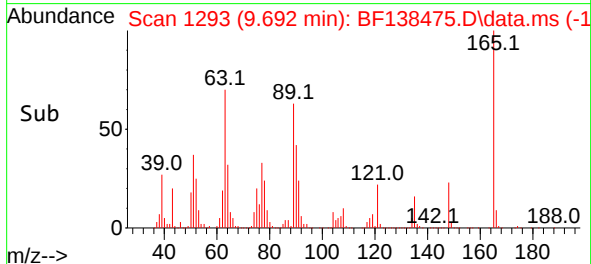
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MS



Tgt Ion:165 Resp: 8120
Ion Ratio Lower Upper
165 100
63 70.1 53.8 80.8
89 62.5 46.4 69.6

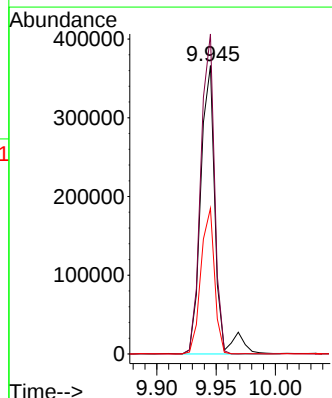
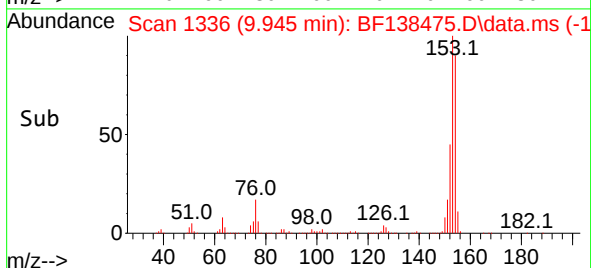
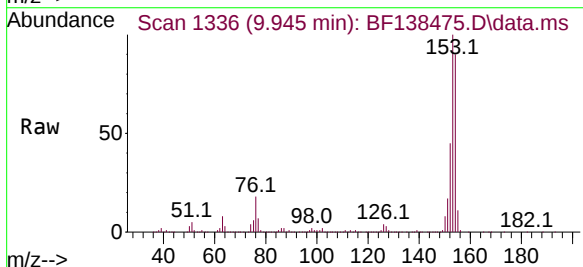
Manual Integrations
APPROVED

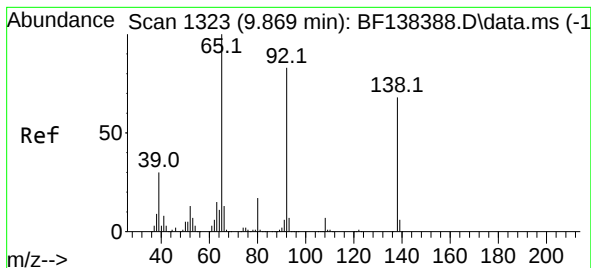
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#52
Acenaphthene
Concen: 49.979 ng m
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion:154 Resp: 315829
Ion Ratio Lower Upper
154 100
153 111.0 89.4 134.0
152 50.5 39.7 59.5





#53

3-Nitroaniline

Concen: 40.392 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS

Tgt Ion:138 Resp: 6618

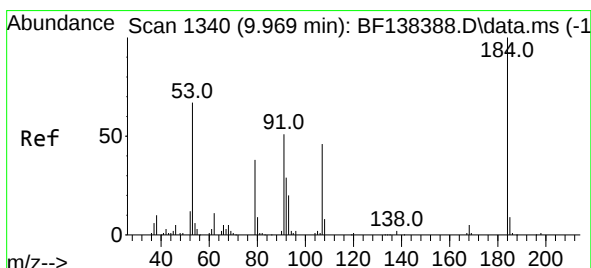
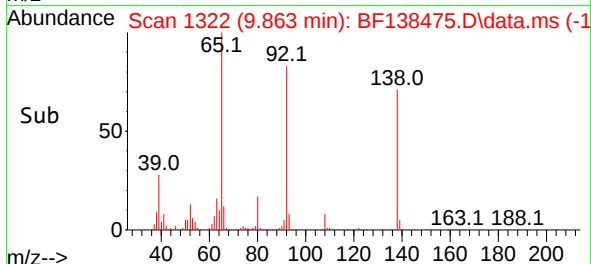
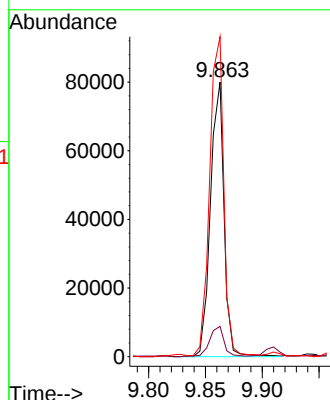
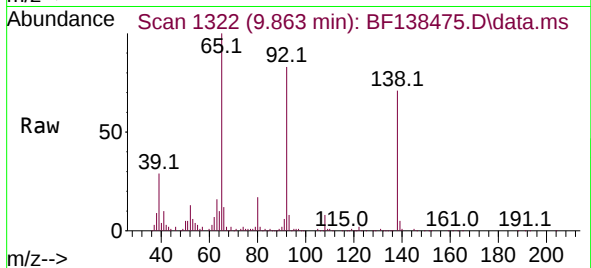
Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.6	12.8
92	116.6	97.3	145.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#54

2,4-Dinitrophenol

Concen: 49.450 ng

RT: 9.969 min Scan# 1340

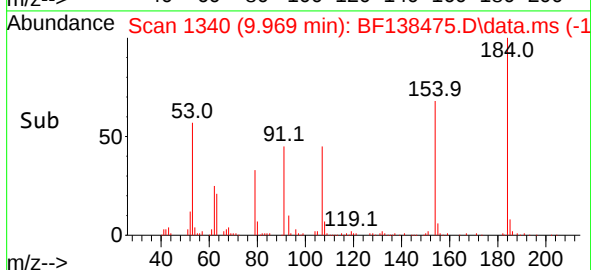
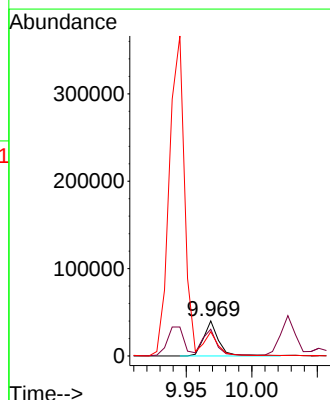
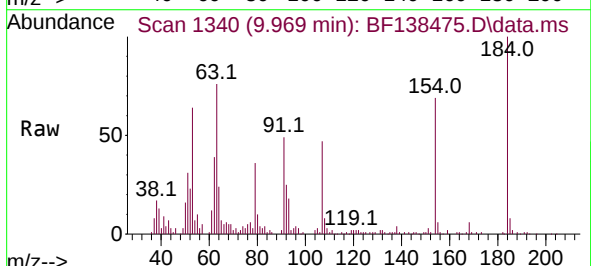
Delta R.T. -0.000 min

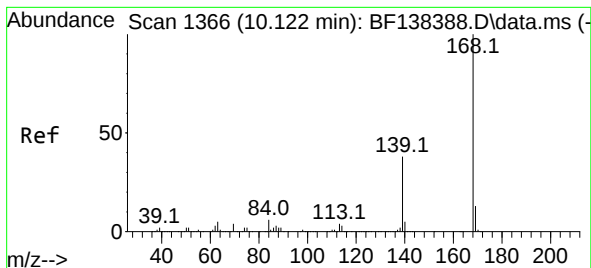
Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Tgt Ion:184 Resp: 32008

Ion	Ratio	Lower	Upper
184	100		
63	76.0	67.3	100.9
154	68.7	51.0	76.4





#55

Dibenzenofuran

Concen: 50.047 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS

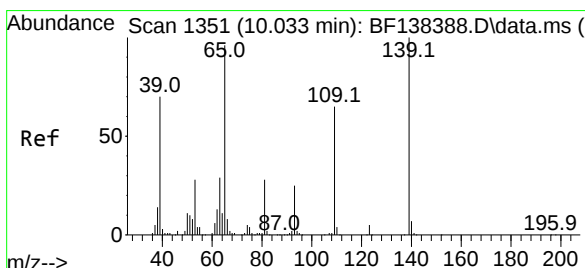
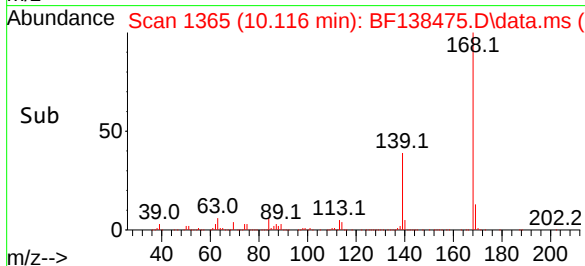
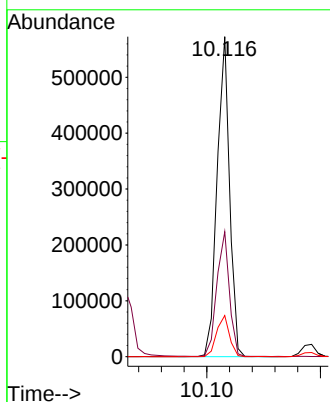
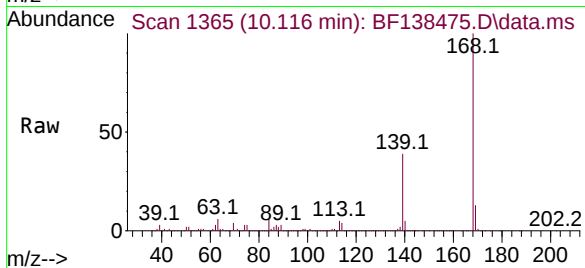
Tgt Ion:168 Resp: 43574
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.4 45.6
 169 12.9 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#56

4-Nitrophenol

Concen: 103.919 ng

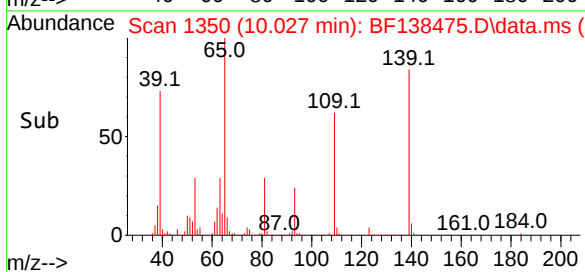
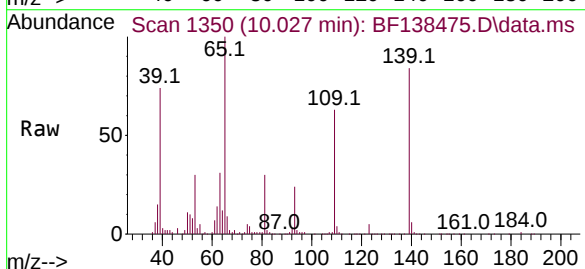
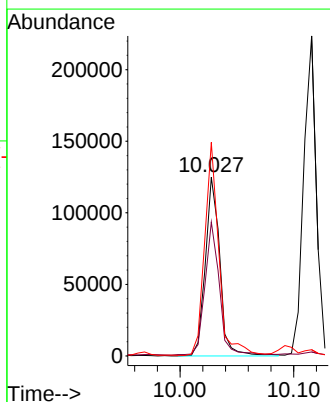
RT: 10.027 min Scan# 1350

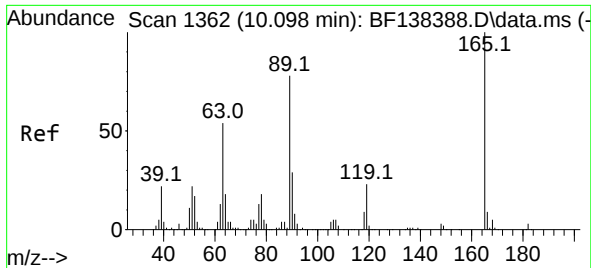
Delta R.T. -0.006 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Tgt Ion:139 Resp: 110408
 Ion Ratio Lower Upper
 139 100
 109 74.9 44.6 84.6
 65 119.6 75.9 115.9#





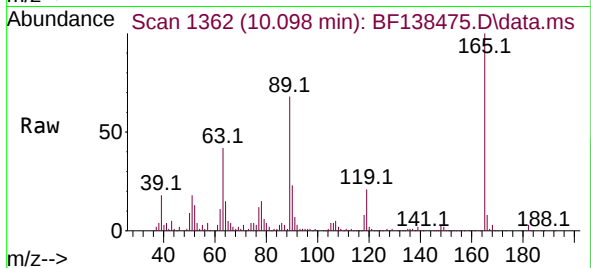
#57
2,4-Dinitrotoluene
Concen: 49.258 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS



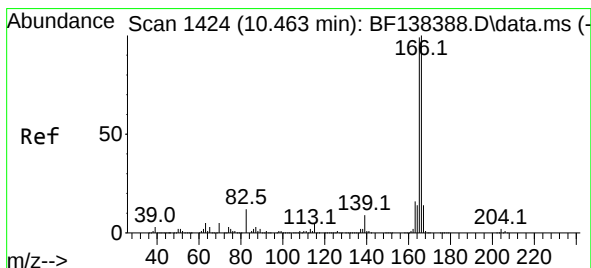
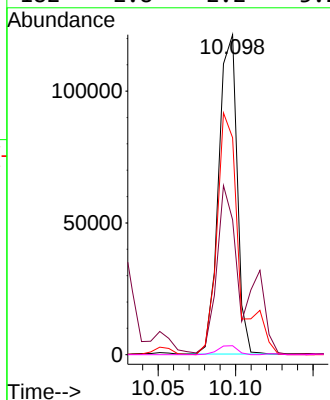
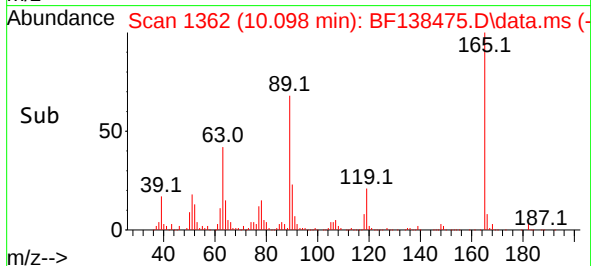
Tgt Ion:165 Resp: 100627
Ion Ratio Lower Upper
165 100
63 42.1 43.4 65.2
89 67.8 62.6 93.8
182 2.8 2.2 3.2

Manual Integrations

APPROVED

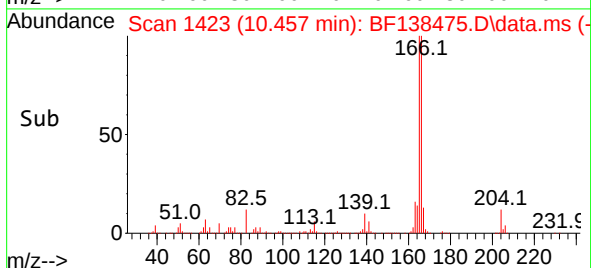
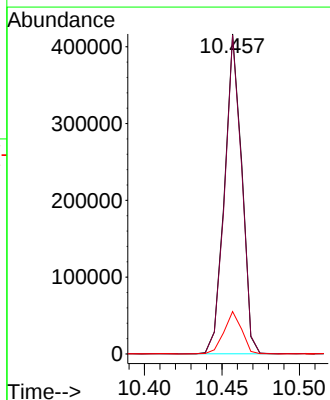
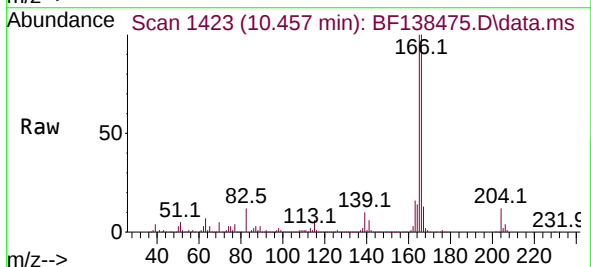
Reviewed By :Yogesh Patel 07/08/2024

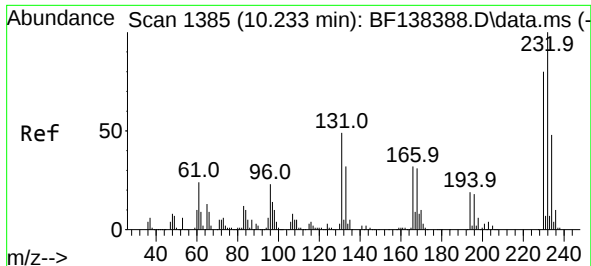
Supervised By :mohammad ahmed 07/08/2024



#58
Fluorene
Concen: 46.292 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

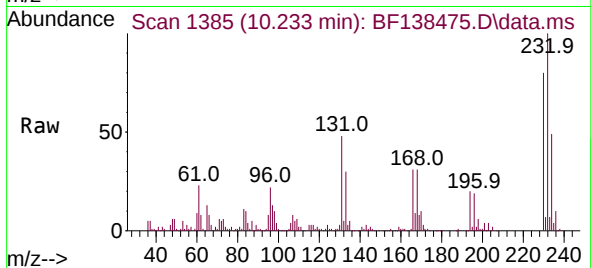
Tgt Ion:166 Resp: 320265
Ion Ratio Lower Upper
166 100
165 99.6 79.0 118.6
167 13.3 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.225 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

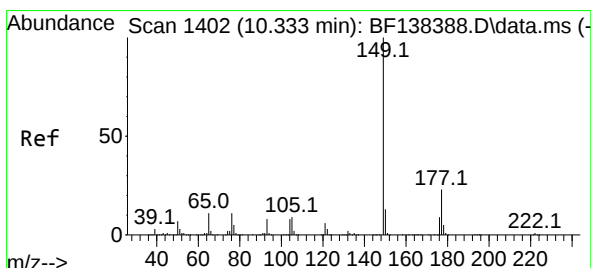
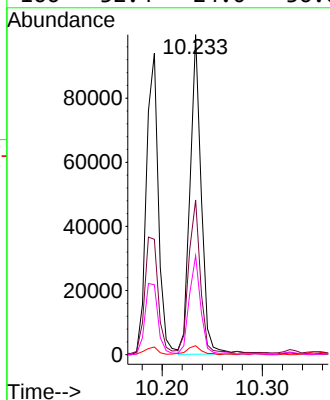
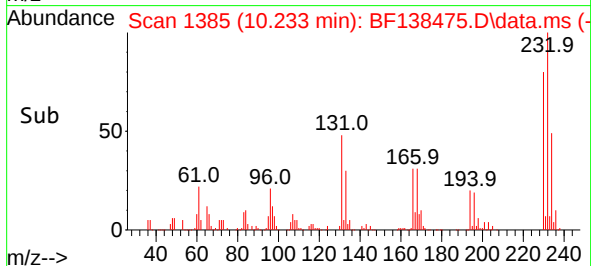
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MS



Tgt Ion:232 Resp: 7739
Ion Ratio Lower Upper
232 100
131 49.4 36.6 55.0
130 3.3 1.8 2.8
166 32.4 24.0 36.0

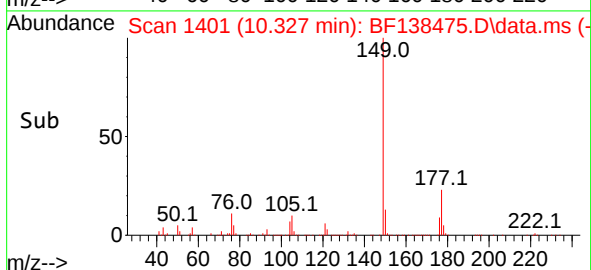
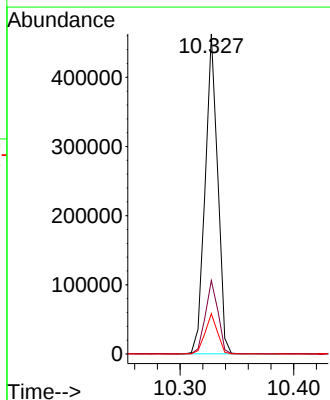
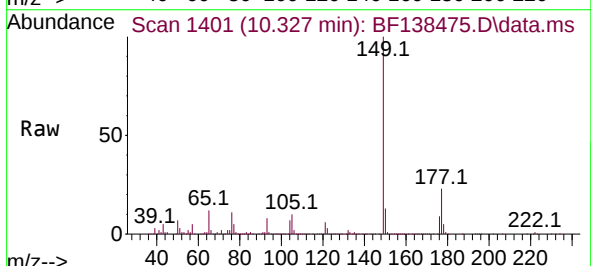
Manual Integrations
APPROVED

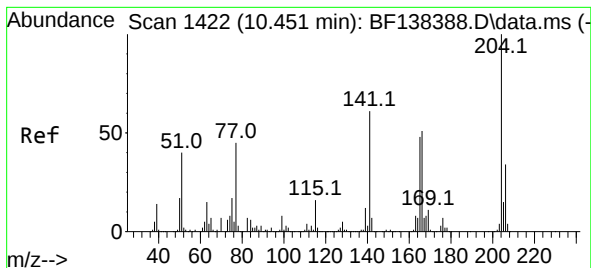
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#60
Diethylphthalate
Concen: 51.043 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

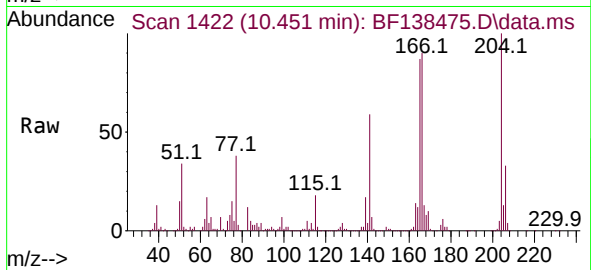
Tgt Ion:149 Resp: 353531
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.940 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

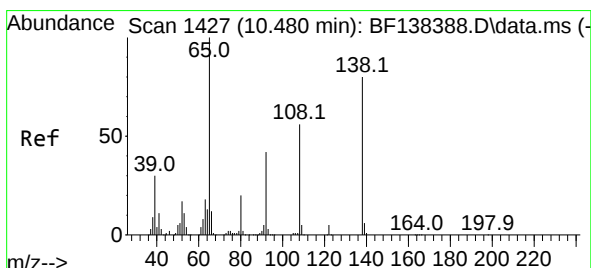
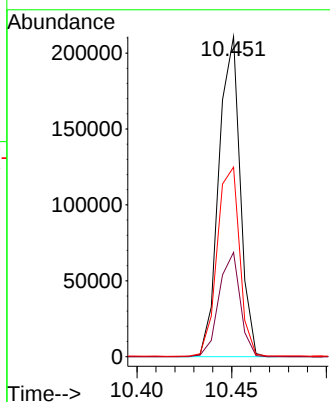
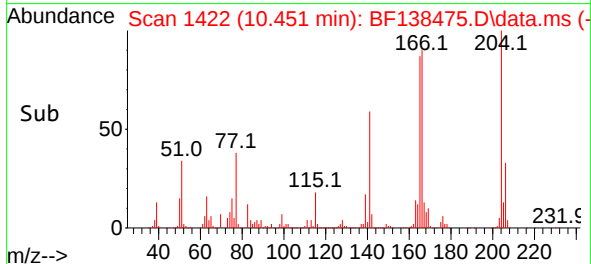
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MS



Tgt Ion:204 Resp: 16476
Ion Ratio Lower Upper
204 100
206 32.6 27.1 40.7
141 59.3 48.4 72.6

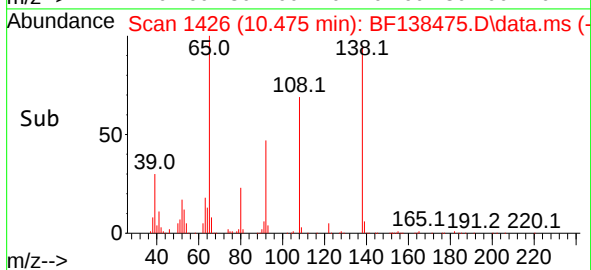
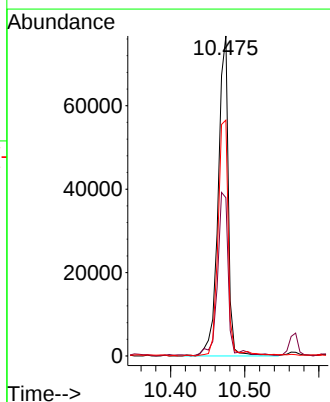
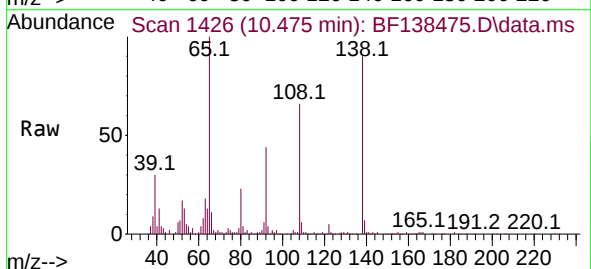
Manual Integrations
APPROVED

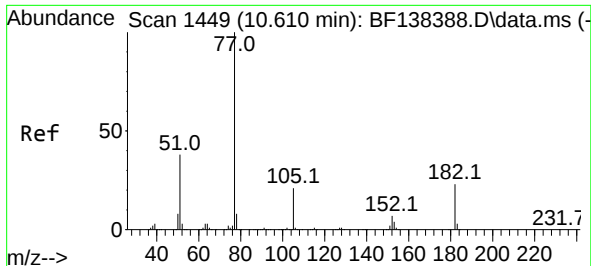
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#62
4-Nitroaniline
Concen: 48.705 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion:138 Resp: 73254
Ion Ratio Lower Upper
138 100
92 49.4 32.6 72.6
108 73.7 50.3 90.3





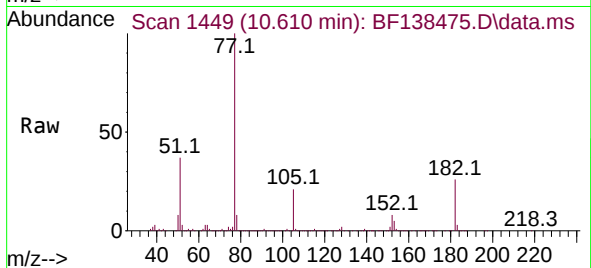
#63
Azobenzene
Concen: 48.206 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS



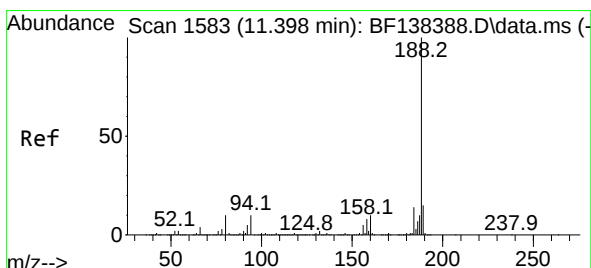
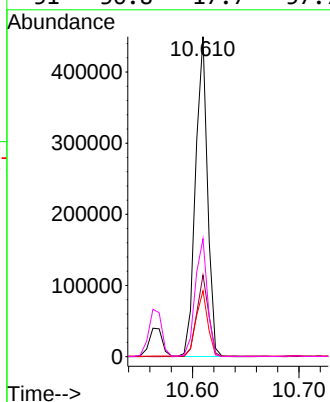
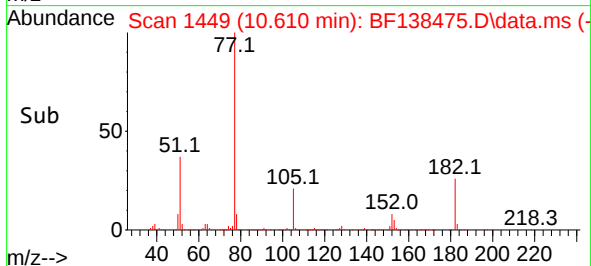
Tgt Ion: 77 Resp: 352609
Ion Ratio Lower Upper
77 100
182 25.5 2.7 42.7
105 20.6 0.6 40.6
51 36.8 17.7 57.7

Manual Integrations

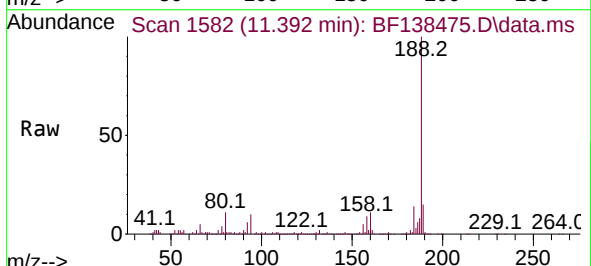
APPROVED

Reviewed By :Yogesh Patel 07/08/2024

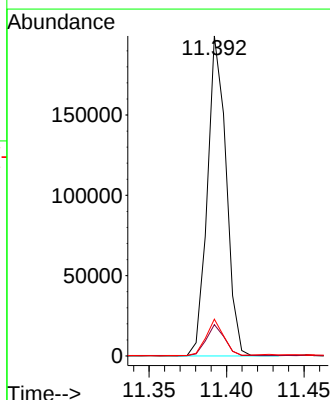
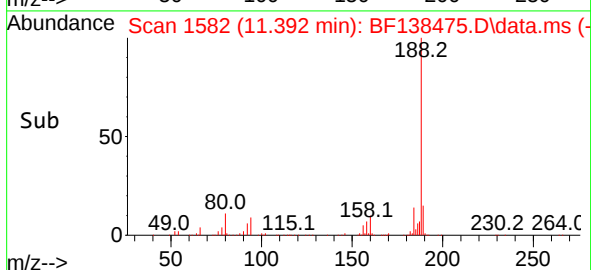
Supervised By :mohammad ahmed 07/08/2024

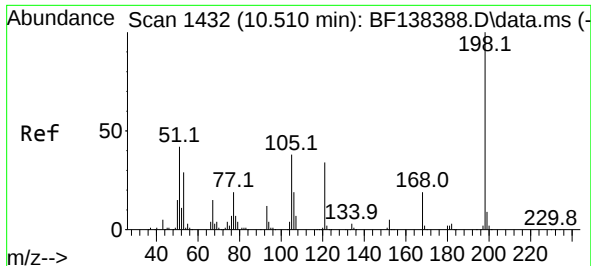


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36



Tgt Ion:188 Resp: 167735
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 11.5 8.2 12.4





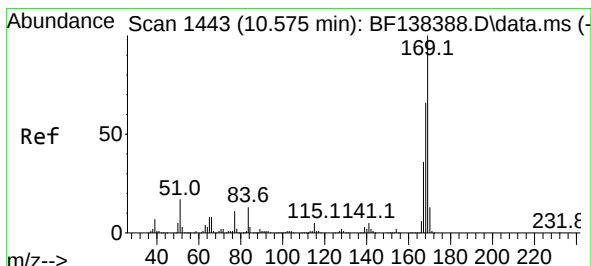
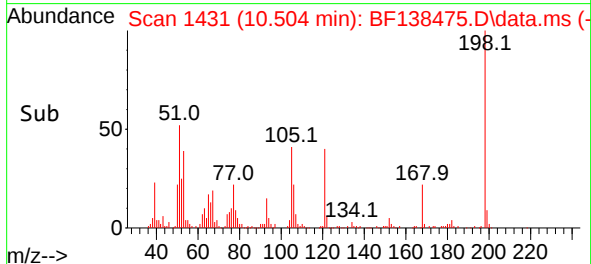
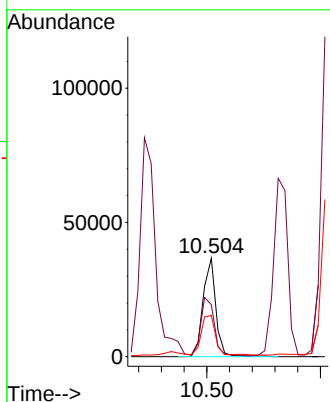
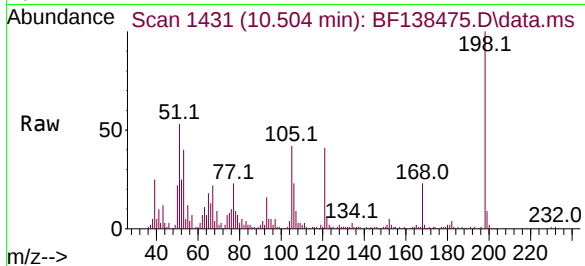
#65
4,6-Dinitro-2-methylphenol
Concen: 33.760 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :
BNA_F
ClientSampleId :
SU-04-070324MS

Tgt Ion:198 Resp: 2856
Ion Ratio Lower Upper
198 100
51 52.9 27.9 67.9
105 41.9 18.2 58.2

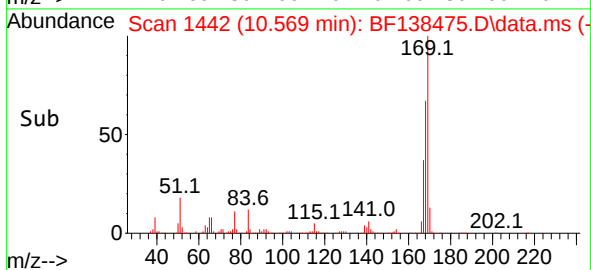
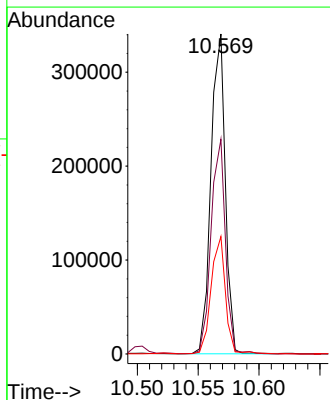
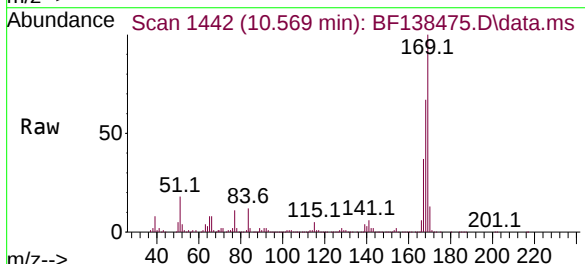
Manual Integrations
APPROVED

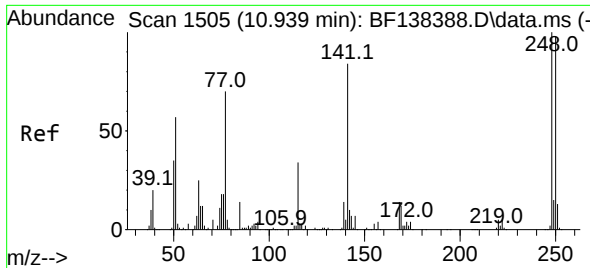
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#66
n-Nitrosodiphenylamine
Concen: 53.642 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion:169 Resp: 279329
Ion Ratio Lower Upper
169 100
168 67.1 52.5 78.7
167 36.7 28.8 43.2





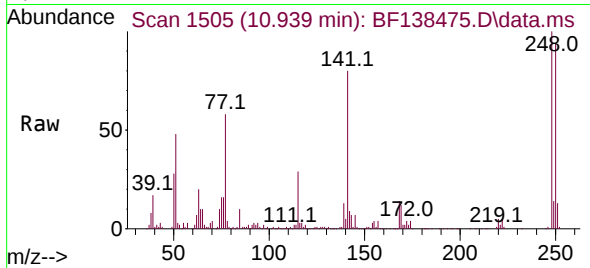
#67
4-Bromophenyl-phenylether
Concen: 49.353 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS



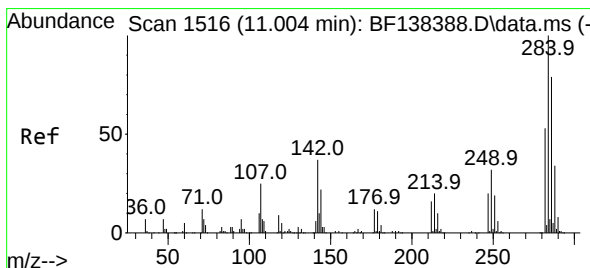
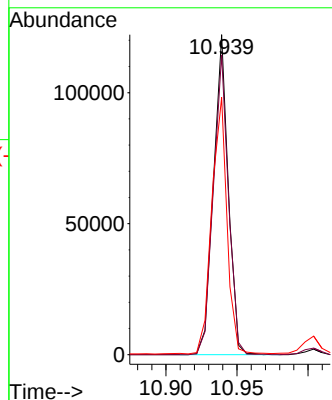
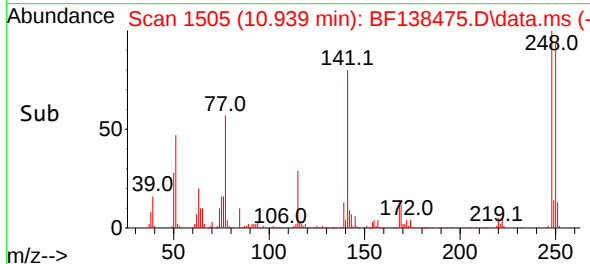
Tgt Ion:248 Resp: 8898
Ion Ratio Lower Upper
248 100
250 93.7 78.2 117.4
141 80.4 67.6 101.4

Manual Integrations

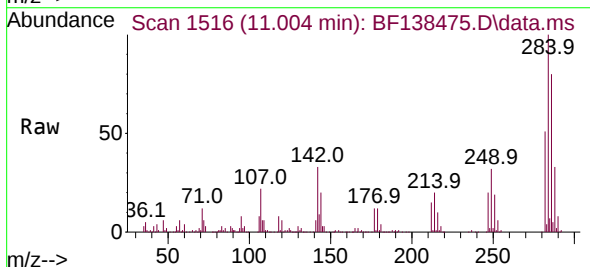
APPROVED

Reviewed By :Yogesh Patel 07/08/2024

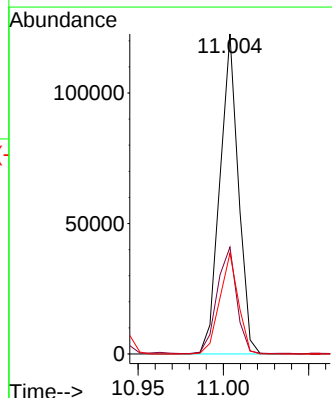
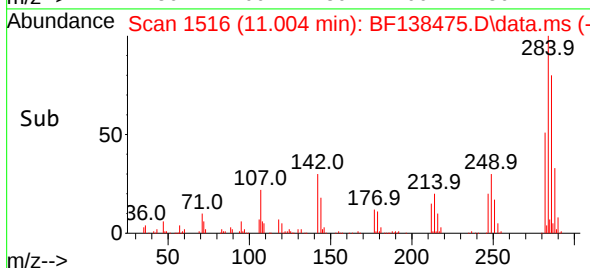
Supervised By :mohammad ahmed 07/08/2024

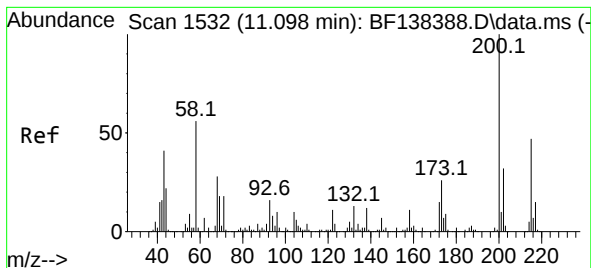


#68
Hexachlorobenzene
Concen: 46.544 ng
RT: 11.004 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36



Tgt Ion:284 Resp: 92492
Ion Ratio Lower Upper
284 100
142 33.4 29.2 43.8
249 31.5 25.8 38.6





#69

Atrazine

Concen: 57.438 ng

RT: 11.092 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS

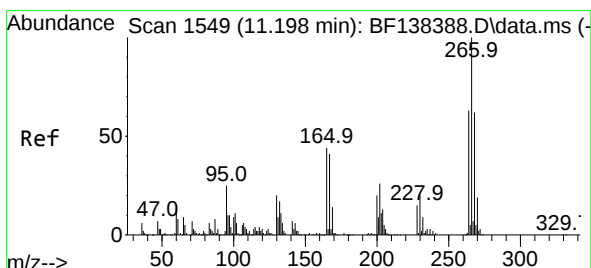
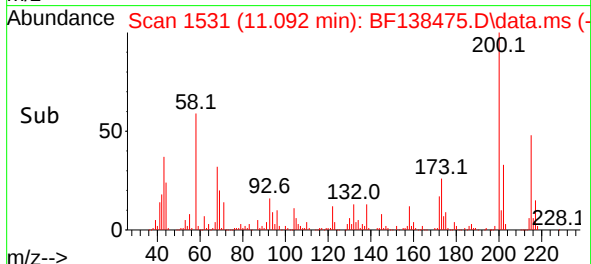
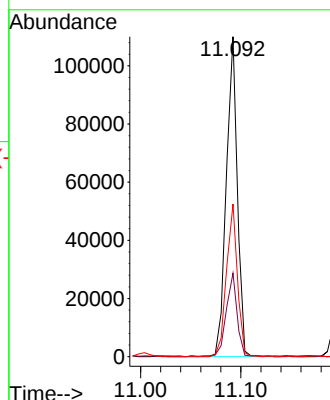
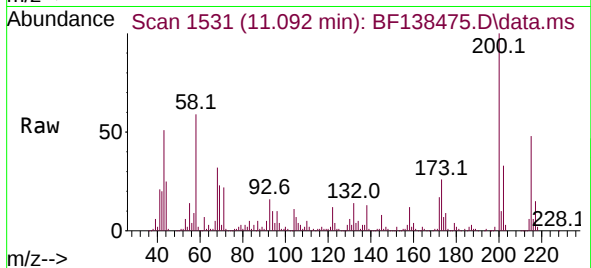
Tgt Ion:	200	Resp:	8386
Ion Ratio	Lower	Upper	
200	100		
173	26.1	6.2	46.2
215	47.7	27.4	67.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#70

Pentachlorophenol

Concen: 94.481 ng

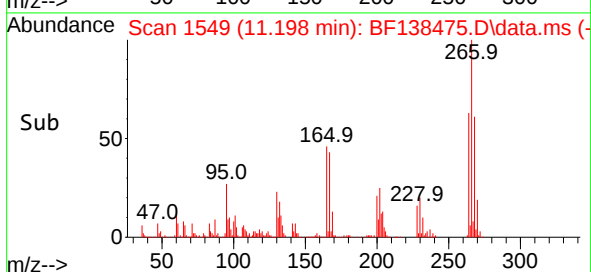
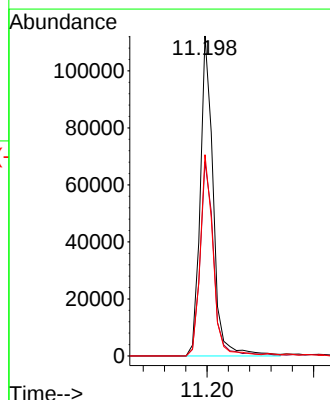
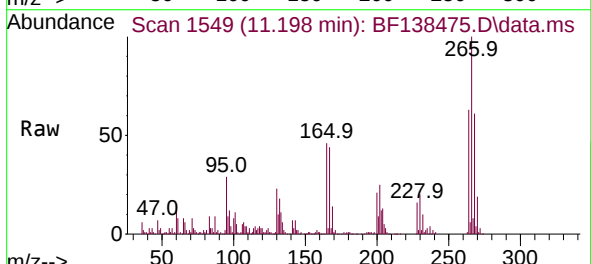
RT: 11.198 min Scan# 1549

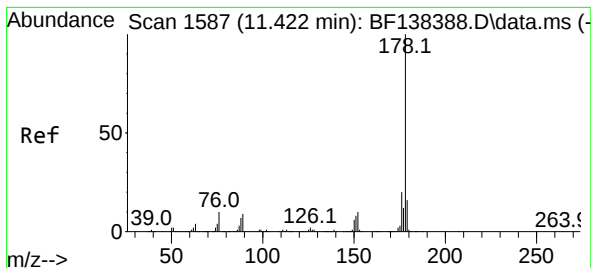
Delta R.T. 0.000 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Tgt Ion:	266	Resp:	95293
Ion Ratio	Lower	Upper	
266	100		
268	60.7	49.9	74.9
264	62.9	50.0	75.0





#71

Phenanthrene

Concen: 52.876 ng

RT: 11.422 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF138475.D

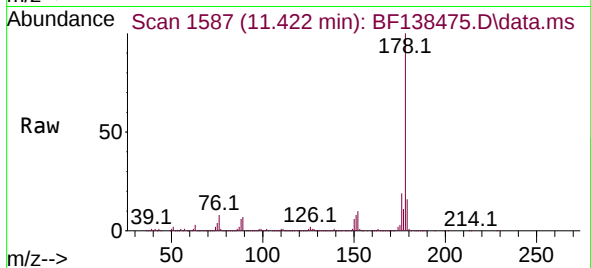
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS



Tgt Ion:178 Resp: 433035

Ion Ratio Lower Upper

178 100

176 19.3 16.1 24.1

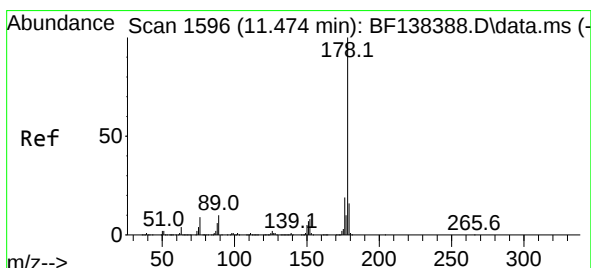
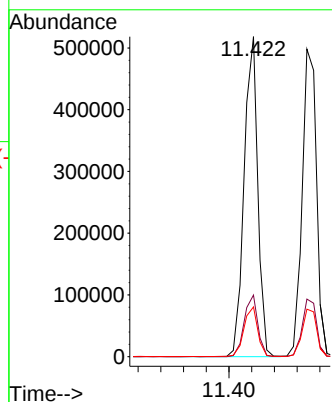
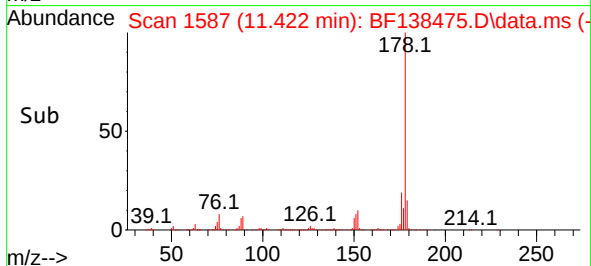
179 15.5 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#72

Anthracene

Concen: 53.588 ng

RT: 11.469 min Scan# 1595

Delta R.T. -0.005 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

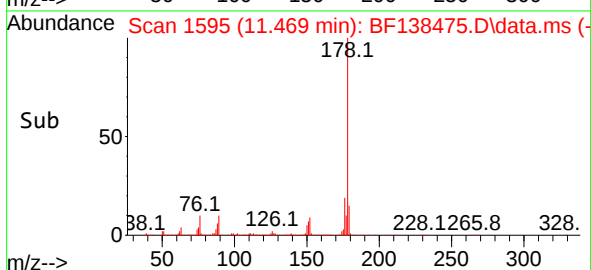
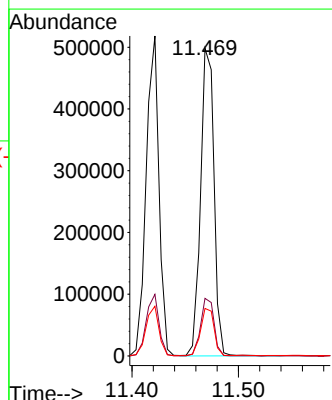
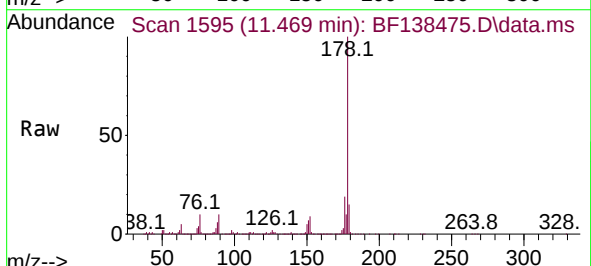
Tgt Ion:178 Resp: 437660

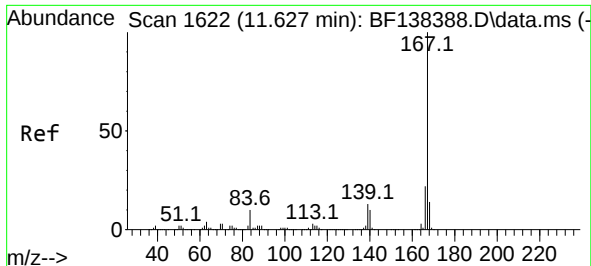
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

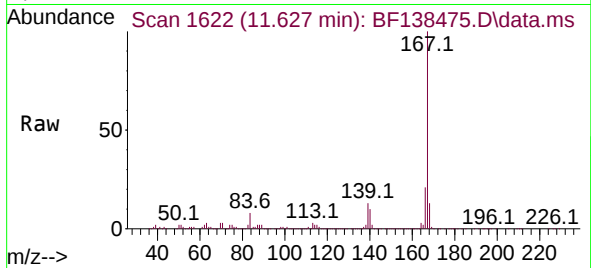
179 15.4 12.7 19.1





#73
 Carbazole
 Concen: 57.066 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF138475.D
 Acq: 05 Jul 2024 18:36

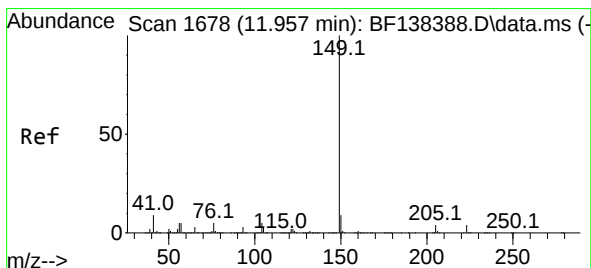
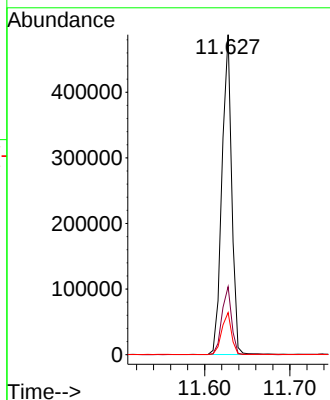
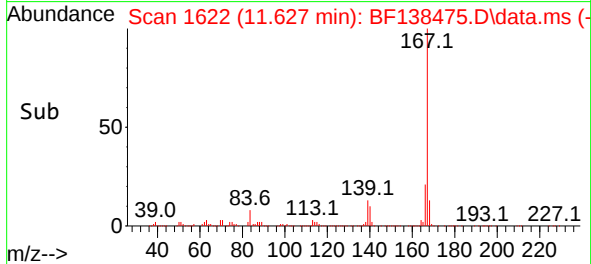
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-070324MS



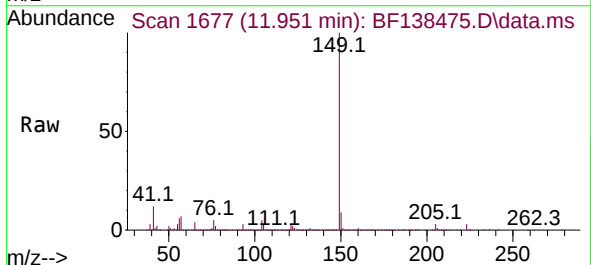
Tgt Ion:167 Resp: 386932
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.7 26.5
 139 13.2 10.7 16.1

Manual Integrations
 APPROVED

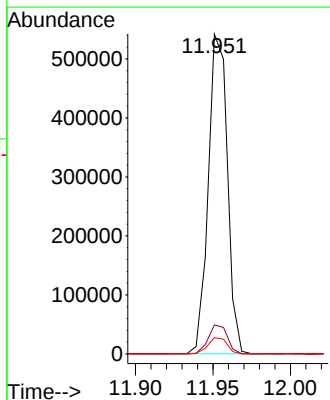
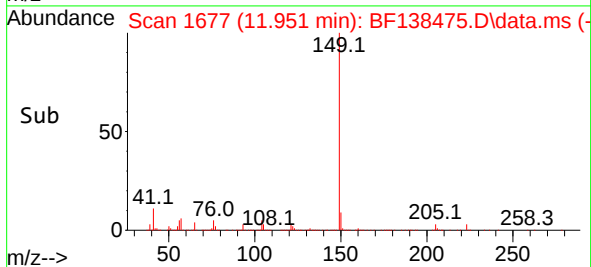
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

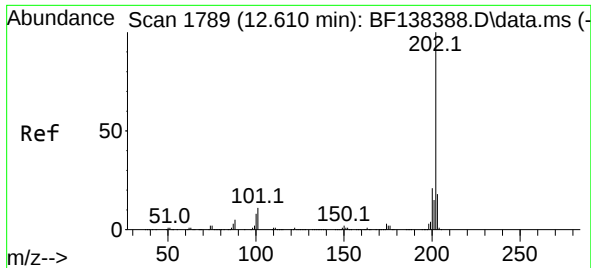


#74
 Di-n-butylphthalate
 Concen: 54.058 ng
 RT: 11.951 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF138475.D
 Acq: 05 Jul 2024 18:36



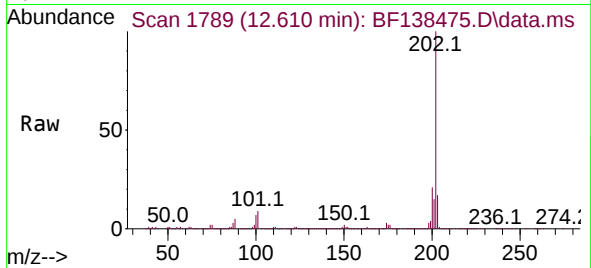
Tgt Ion:149 Resp: 464517
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.1 3.8 5.8





#75
Fluoranthene
Concen: 63.452 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

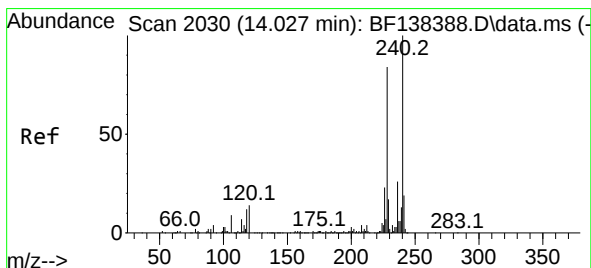
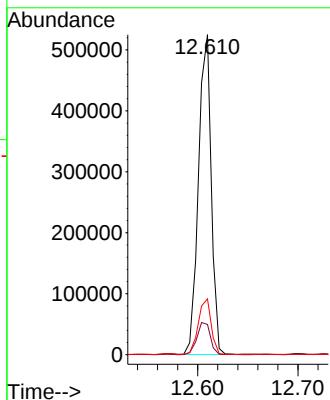
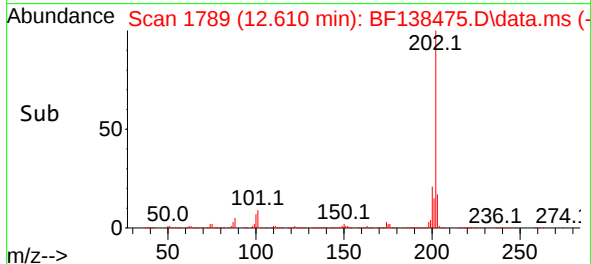
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MS



Tgt Ion:202 Resp: 46586
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.5
203 17.5 0.0 37.6

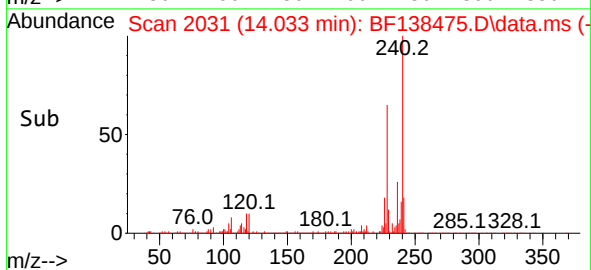
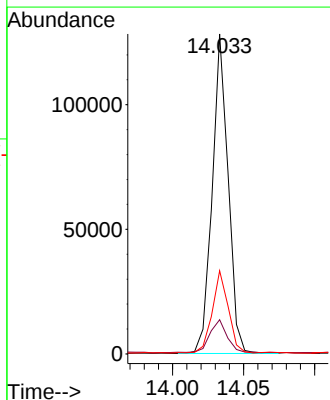
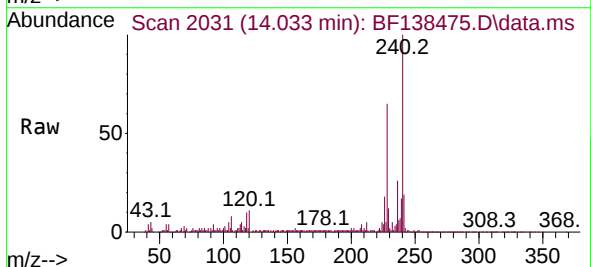
Manual Integrations
APPROVED

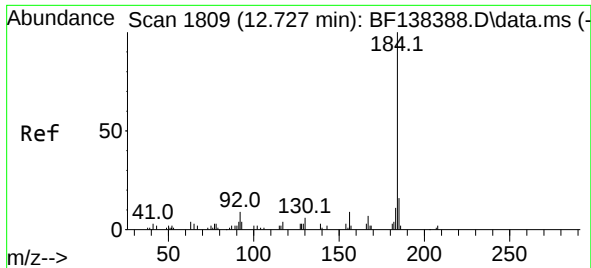
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

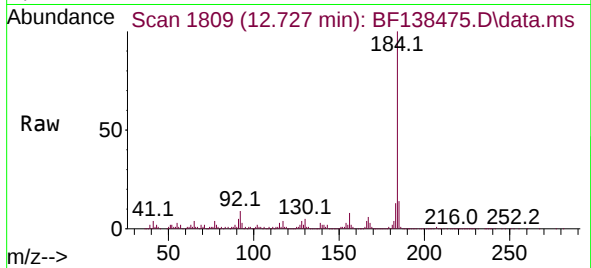
Tgt Ion:240 Resp: 99950
Ion Ratio Lower Upper
240 100
120 10.7 10.9 16.3#
236 26.0 20.6 30.8





#77
Benzidine
Concen: 189.804 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

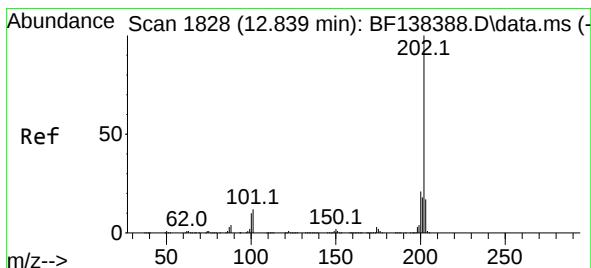
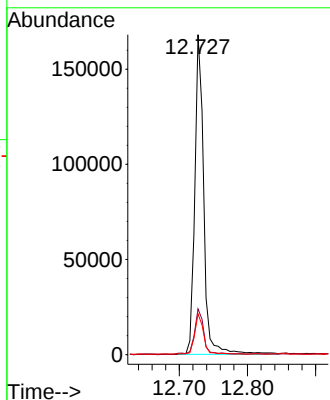
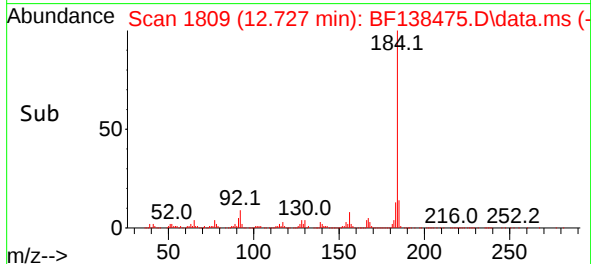
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MS



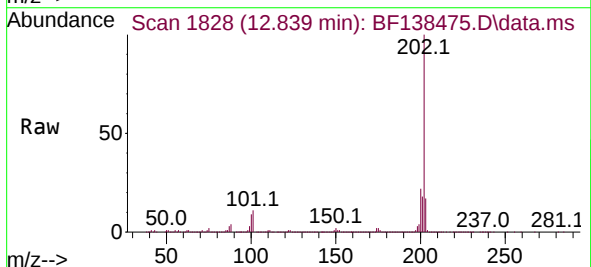
Tgt Ion:184 Resp: 151699
Ion Ratio Lower Upper
184 100
185 14.3 13.0 19.4
183 12.8 9.0 13.6

Manual Integrations
APPROVED

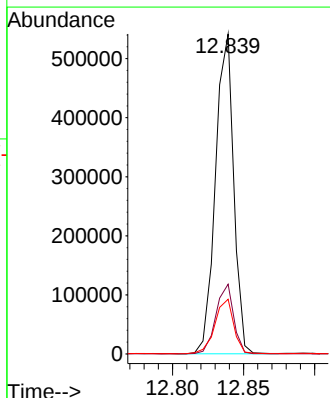
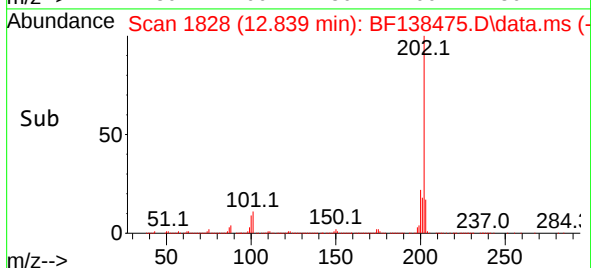
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

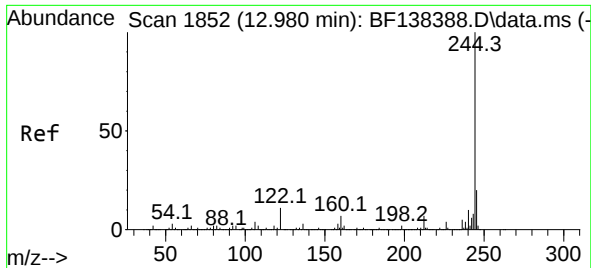


#78
Pyrene
Concen: 45.037 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36



Tgt Ion:202 Resp: 481114
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 17.1 13.8 20.8





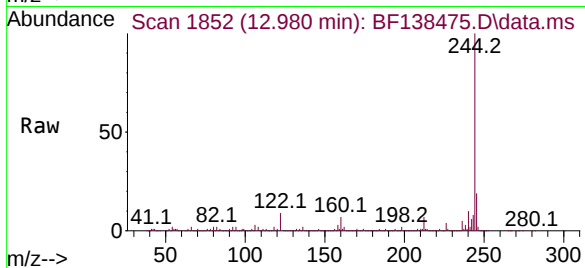
#79
 Terphenyl-d14
 Concen: 78.574 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF138475.D
 Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS

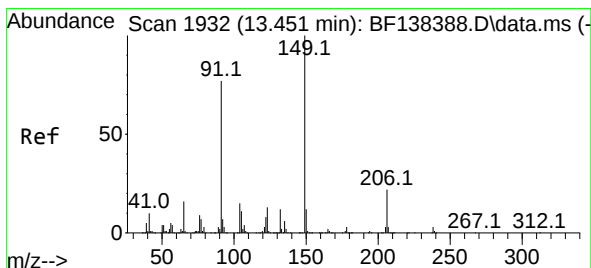
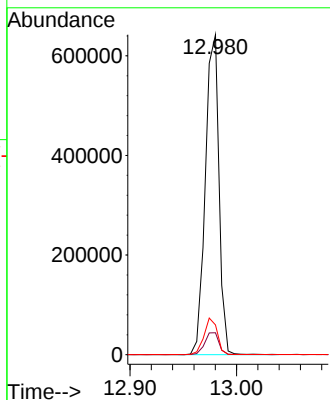
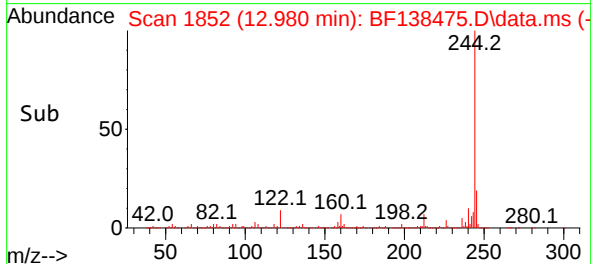


Tgt Ion:244 Resp: 573070
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.3 9.0 13.4

Manual Integrations

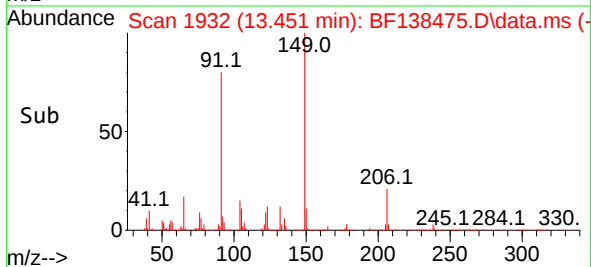
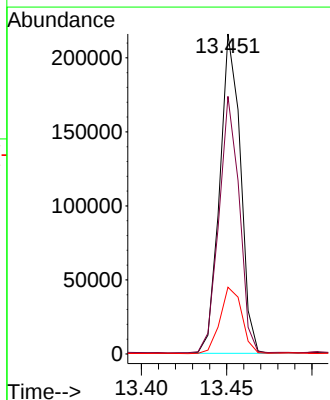
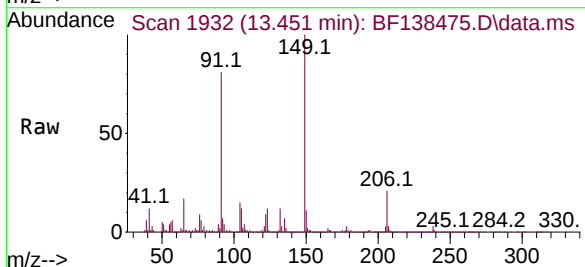
APPROVED

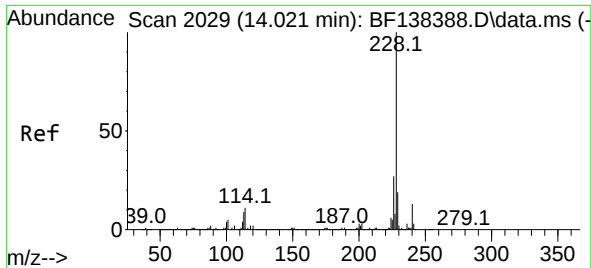
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#80
 Butylbenzylphthalate
 Concen: 56.145 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF138475.D
 Acq: 05 Jul 2024 18:36

Tgt Ion:149 Resp: 182509
 Ion Ratio Lower Upper
 149 100
 91 80.5 62.0 93.0
 206 20.8 17.6 26.4





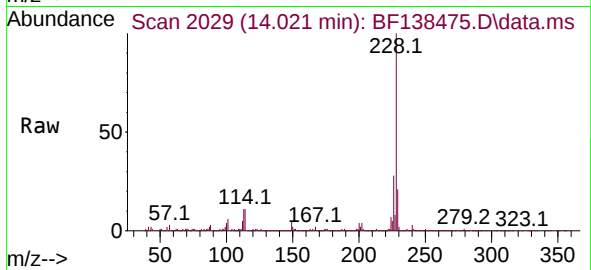
#81
Benzo(a)anthracene
Concen: 53.210 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS



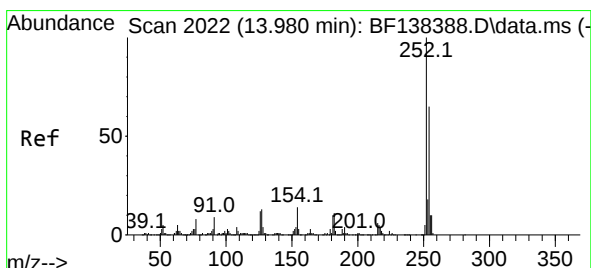
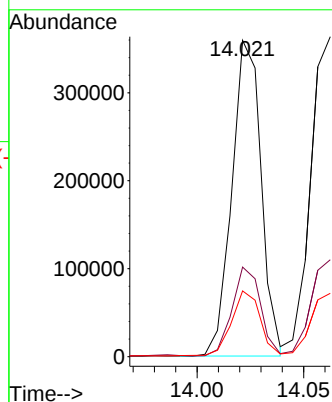
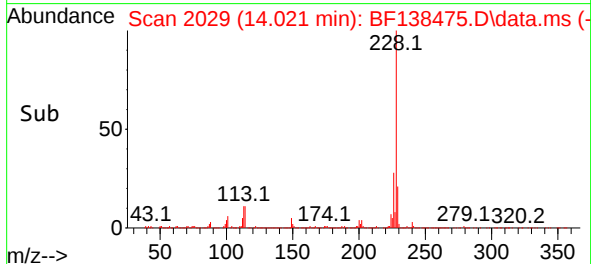
Tgt Ion:228 Resp: 342314
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 20.8 15.5 23.3

Manual Integrations

APPROVED

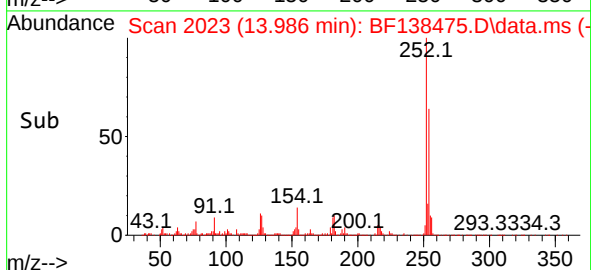
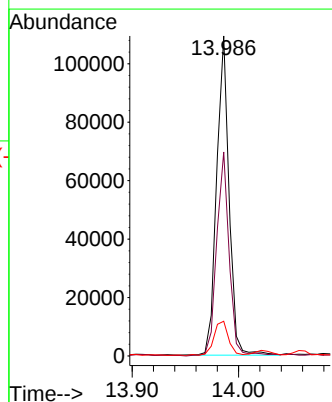
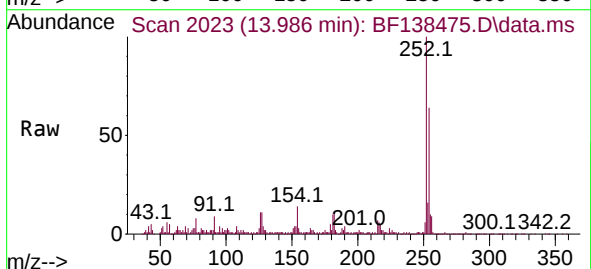
Reviewed By :Yogesh Patel 07/08/2024

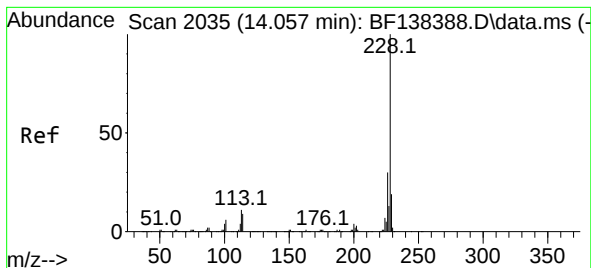
Supervised By :mohammad ahmed 07/08/2024



#82
3,3'-Dichlorobenzidine
Concen: 46.401 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

Tgt Ion:252 Resp: 88134
Ion Ratio Lower Upper
252 100
254 63.8 51.8 77.6
126 10.9 9.5 14.3





#83

Chrysene

Concen: 51.879 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS

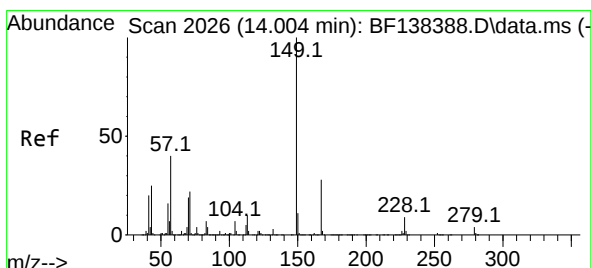
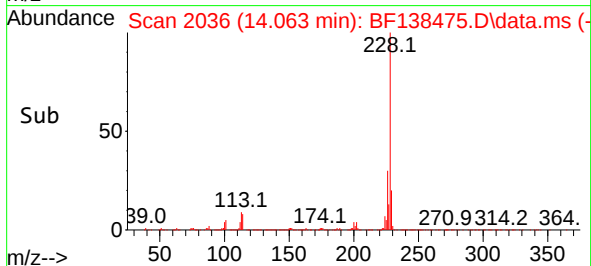
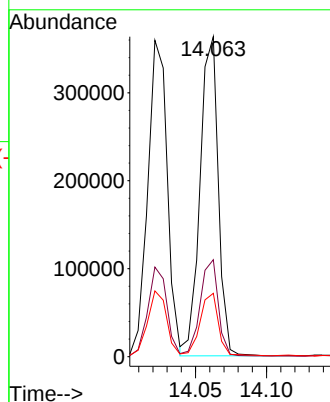
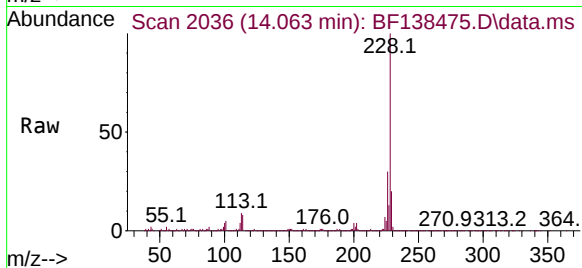
Tgt Ion:	228	Resp:	32476
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.6
229	19.8	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.988 ng

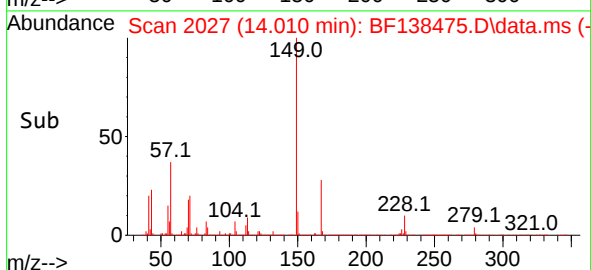
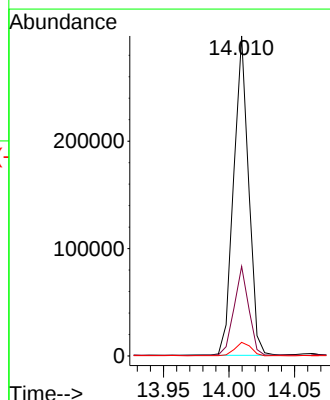
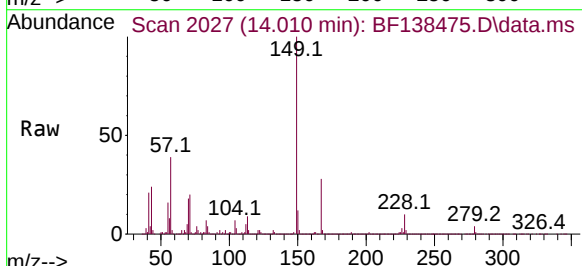
RT: 14.010 min Scan# 2027

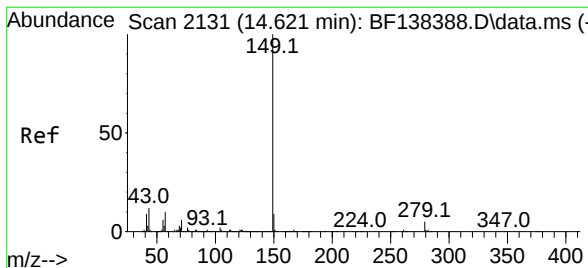
Delta R.T. 0.006 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

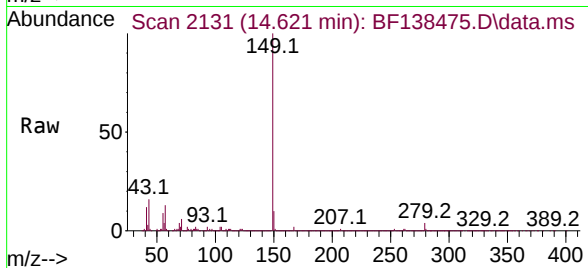
Tgt Ion:	149	Resp:	236395
Ion Ratio	Lower	Upper	
149	100		
167	28.0	22.6	33.8
279	4.3	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 49.384 ng
RT: 14.621 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36

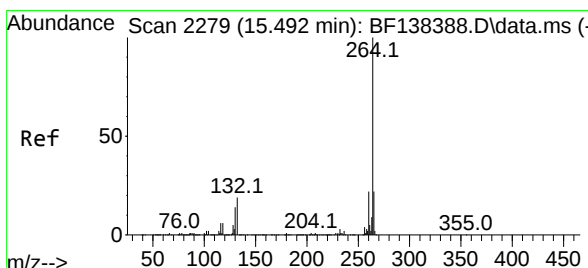
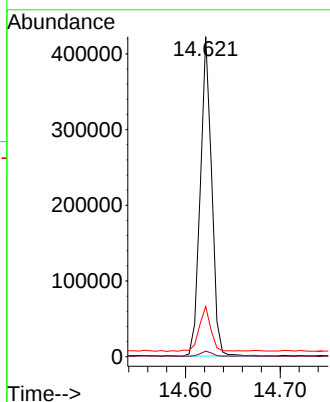
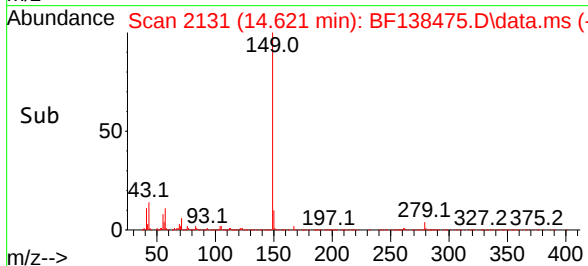
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MS



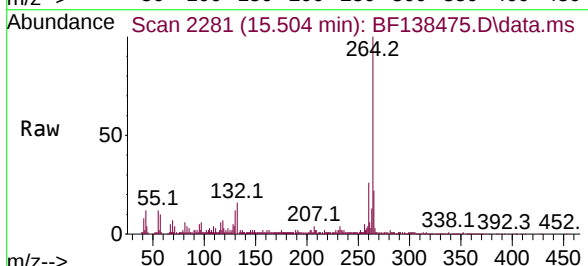
Tgt Ion:149 Resp: 352379
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 14.4 10.9 16.3

Manual Integrations
APPROVED

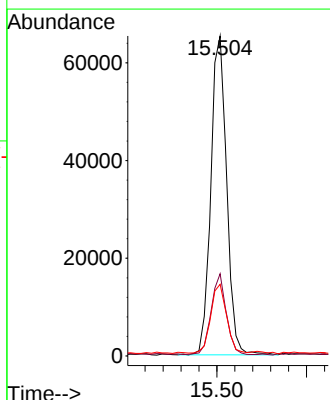
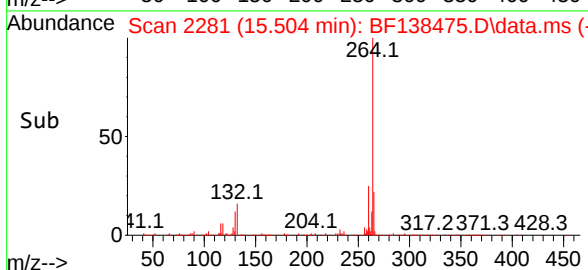
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

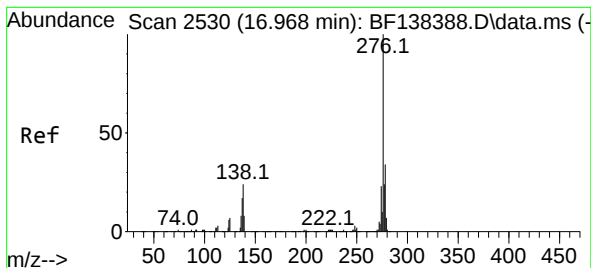


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF138475.D
Acq: 05 Jul 2024 18:36



Tgt Ion:264 Resp: 79894
Ion Ratio Lower Upper
264 100
260 25.7 17.8 26.6
265 22.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.433 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS

Tgt Ion:276 Resp: 242598

Ion Ratio Lower Upper

276 100

138 24.0 22.1 33.1

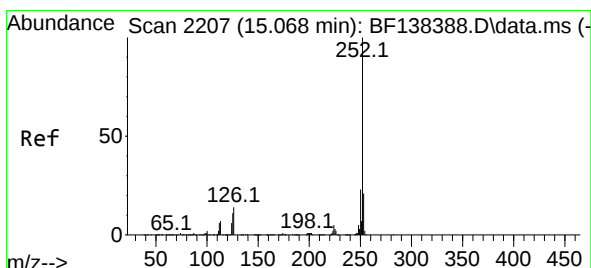
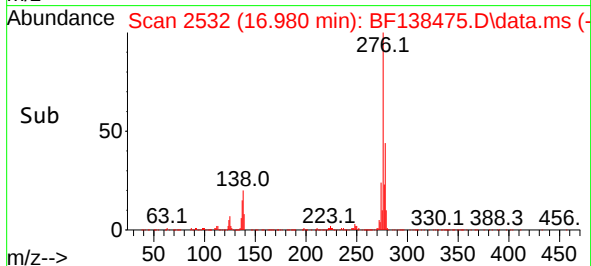
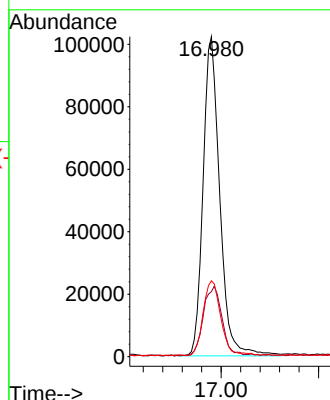
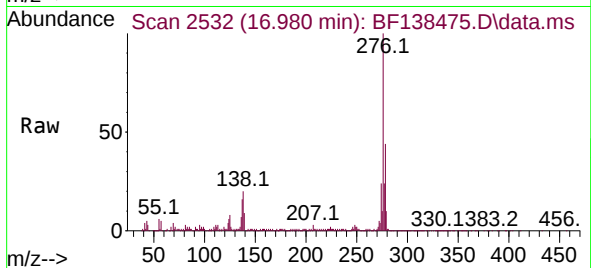
277 25.0 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#88

Benzo(b)fluoranthene

Concen: 54.480 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

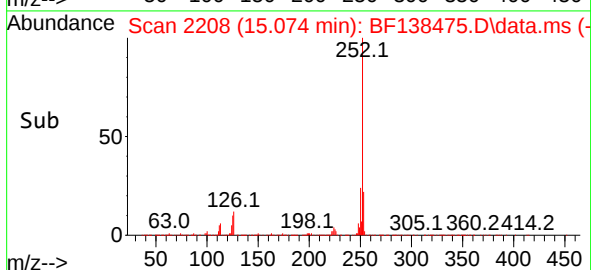
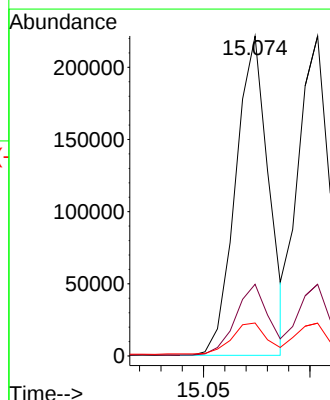
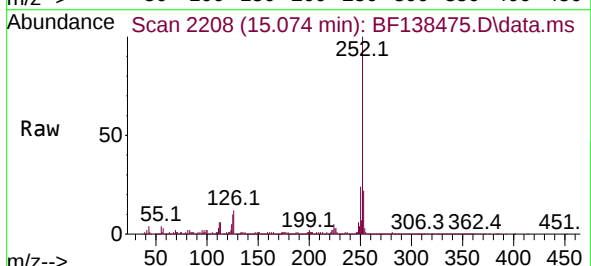
Tgt Ion:252 Resp: 238813

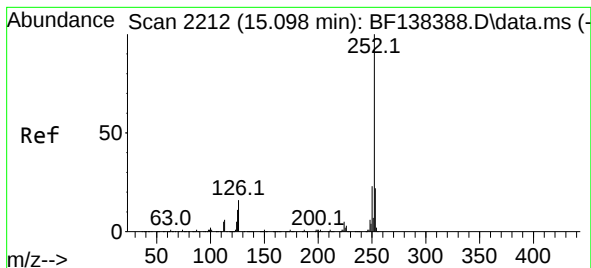
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 10.3 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 56.148 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS

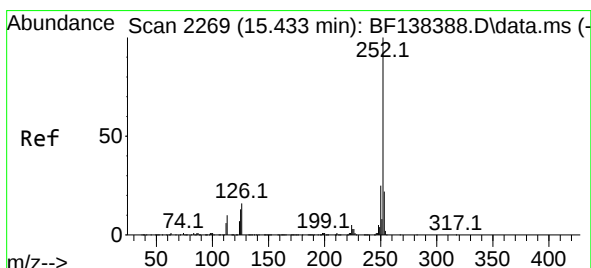
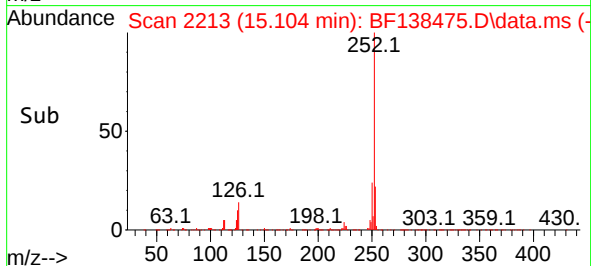
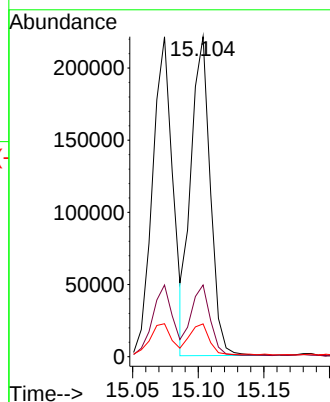
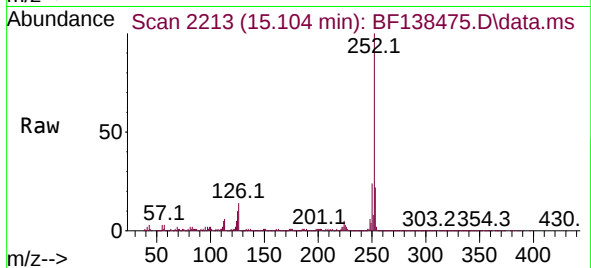
Tgt Ion:252 Resp: 226699
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 10.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#90

Benzo(a)pyrene

Concen: 55.077 ng

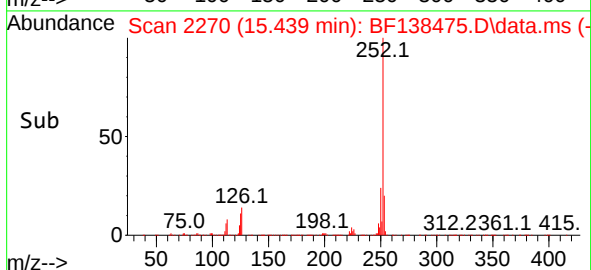
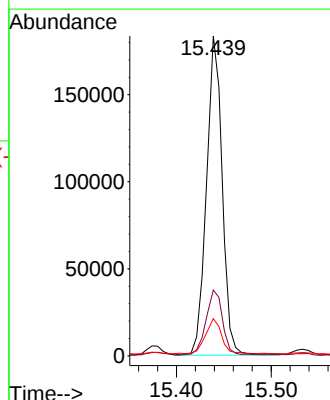
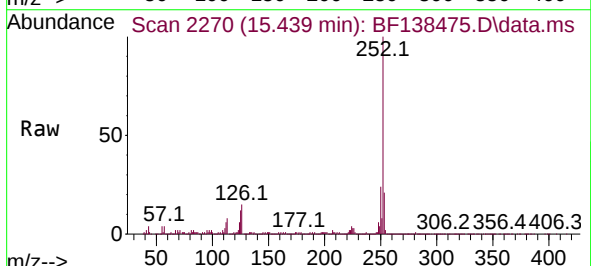
RT: 15.439 min Scan# 2270

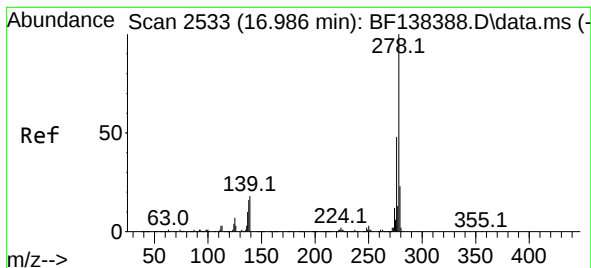
Delta R.T. 0.006 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Tgt Ion:252 Resp: 211616
 Ion Ratio Lower Upper
 252 100
 253 20.6 17.6 26.4
 125 11.7 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 61.255 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MS

Tgt Ion:278 Resp: 198489

Ion Ratio Lower Upper

278 100

139 16.5 14.3 21.5

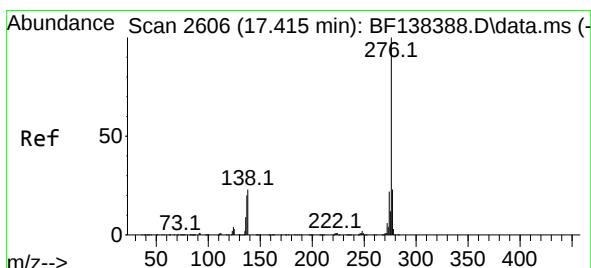
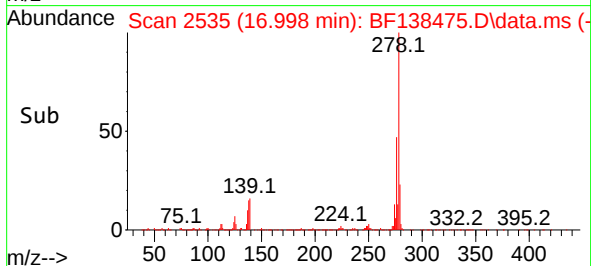
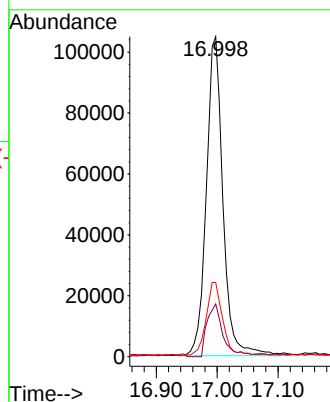
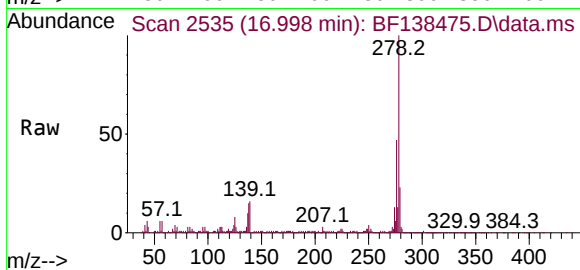
279 23.2 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#92

Benzo(g,h,i)perylene

Concen: 59.333 ng

RT: 17.427 min Scan# 2608

Delta R.T. 0.012 min

Lab File: BF138475.D

Acq: 05 Jul 2024 18:36

Tgt Ion:276 Resp: 188081

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 21.0 18.3 27.5

