

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138442.D
 Acq On : 03 Jul 2024 13:09
 Operator : CG\JU
 Sample : PB161765BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161765BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 13:39:51 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	238524	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	1020839	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	571266	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	960000	20.000	ng	0.00
76) Chrysene-d12	14.033	240	422344	20.000	ng	0.00
86) Perylene-d12	15.504	264	473572	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1790853	124.480	ng	0.02
7) Phenol-d6	6.522	99	2425355	125.146	ng	0.00
23) Nitrobenzene-d5	7.445	82	1605815	81.716	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	569027	121.917	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2553486	71.136	ng	0.00
79) Terphenyl-d14	12.986	244	2359252	76.553	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	220695	32.568	ng	99
3) Pyridine	3.504	79	542262	33.542	ng	97
4) n-Nitrosodimethylamine	3.463	42	458344	45.445	ng	99
6) Aniline	6.540	93	541595	28.637	ng	# 63
8) 2-Chlorophenol	6.663	128	758309	49.099	ng	98
9) Benzaldehyde	6.422	77	309998	25.916	ng	97
10) Phenol	6.534	94	911353	44.138	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	754493	46.526	ng	100
12) 1,3-Dichlorobenzene	6.816	146	709312	40.104	ng	98
13) 1,4-Dichlorobenzene	6.892	146	715577	40.350	ng	98
14) 1,2-Dichlorobenzene	7.045	146	705583	43.097	ng	97
15) Benzyl Alcohol	7.022	79	698577	50.325	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1457206	44.550	ng	93
17) 2-Methylphenol	7.134	107	591185	46.187	ng	94
18) Hexachloroethane	7.387	117	271350	42.421	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	550751	45.078	ng	97
20) 3+4-Methylphenols	7.287	107	679366	45.680	ng	93
22) Acetophenone	7.287	105	970883	41.922	ng	99
24) Nitrobenzene	7.463	77	834608	41.757	ng	98
25) Isophorone	7.698	82	1595847	44.042	ng	100
26) 2-Nitrophenol	7.775	139	413840	48.002	ng	99
27) 2,4-Dimethylphenol	7.810	122	545409	49.430	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	951873	43.643	ng	99
29) 2,4-Dichlorophenol	8.016	162	620396	43.777	ng	94
30) 1,2,4-Trichlorobenzene	8.098	180	665104	40.364	ng	98
31) Naphthalene	8.181	128	2103719	40.764	ng	99
32) Benzoic acid	7.969	122	525953	51.796	ng	97
33) 4-Chloroaniline	8.228	127	482402	26.765	ng	98
34) Hexachlorobutadiene	8.292	225	374052	37.810	ng	100
35) Caprolactam	8.622	113	207897m	46.457	ng	
36) 4-Chloro-3-methylphenol	8.722	107	684937	45.375	ng	99
37) 2-Methylnaphthalene	8.869	142	1373949	41.194	ng	99
38) 1-Methylnaphthalene	8.969	142	1272789	39.349	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	615966	38.982	ng	99
41) Hexachlorocyclopentadiene	9.016	237	471327	101.336	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	424590	42.229	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	444280	40.630	ng	98
46) 1,1'-Biphenyl	9.339	154	1670556	39.165	ng	99
47) 2-Chloronaphthalene	9.363	162	1274189	39.180	ng	99
48) 2-Nitroaniline	9.463	65	502412	47.892	ng	97
49) Acenaphthylene	9.780	152	1948947	42.611	ng	99
50) Dimethylphthalate	9.645	163	1591022	43.335	ng	100
51) 2,6-Dinitrotoluene	9.704	165	349569	42.513	ng	98
52) Acenaphthene	9.951	154	1420867m	45.369	ng	
53) 3-Nitroaniline	9.875	138	278545	34.299	ng	93
54) 2,4-Dinitrophenol	9.980	184	372626	104.110	ng	99
55) Dibenzofuran	10.122	168	1729669	40.084	ng	98
56) 4-Nitrophenol	10.051	139	537203	102.023	ng	92
57) 2,4-Dinitrotoluene	10.110	165	445685	44.021	ng	96
58) Fluorene	10.463	166	1309922	38.204	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	375578	46.242	ng	100
60) Diethylphthalate	10.339	149	1463737	42.642	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	653317	37.555	ng	97
62) 4-Nitroaniline	10.498	138	349840	46.933	ng	97
63) Azobenzene	10.616	77	1595303	44.007	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	263714	50.905	ng	79
66) n-Nitrosodiphenylamine	10.575	169	1214233	40.742	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	406854	39.429	ng	94
68) Hexachlorobenzene	11.010	284	441439	38.813	ng	95
69) Atrazine	11.104	200	365255	43.711	ng	99
70) Pentachlorophenol	11.204	266	521539	90.349	ng	98
71) Phenanthrene	11.427	178	1943713	41.469	ng	100
72) Anthracene	11.480	178	1962189	41.978	ng	99
73) Carbazole	11.633	167	1681162	43.321	ng	99
74) Di-n-butylphthalate	11.957	149	2184535	44.419	ng	99
75) Fluoranthene	12.610	202	1848497	43.990	ng	96
77) Benzidine	12.727	184	68897	20.400	ng	98
78) Pyrene	12.839	202	1814723	40.202	ng	97
80) Butylbenzylphthalate	13.451	149	691447	50.339	ng	94
81) Benzo(a)anthracene	14.021	228	1200651	44.167	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	342241	42.642	ng	99
83) Chrysene	14.063	228	1135844	42.940	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	810333	47.042	ng	99
85) Di-n-octyl phthalate	14.621	149	1354305	44.917	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	1316356	55.321	ng	99
88) Benzo(b)fluoranthene	15.074	252	1261203	48.539	ng	98
89) Benzo(k)fluoranthene	15.110	252	1086688	45.407	ng	100
90) Benzo(a)pyrene	15.445	252	1125984	49.441	ng	100
91) Dibenzo(a,h)anthracene	17.004	278	1051491	54.745	ng	99
92) Benzo(g,h,i)perylene	17.433	276	996117	53.014	ng	98

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

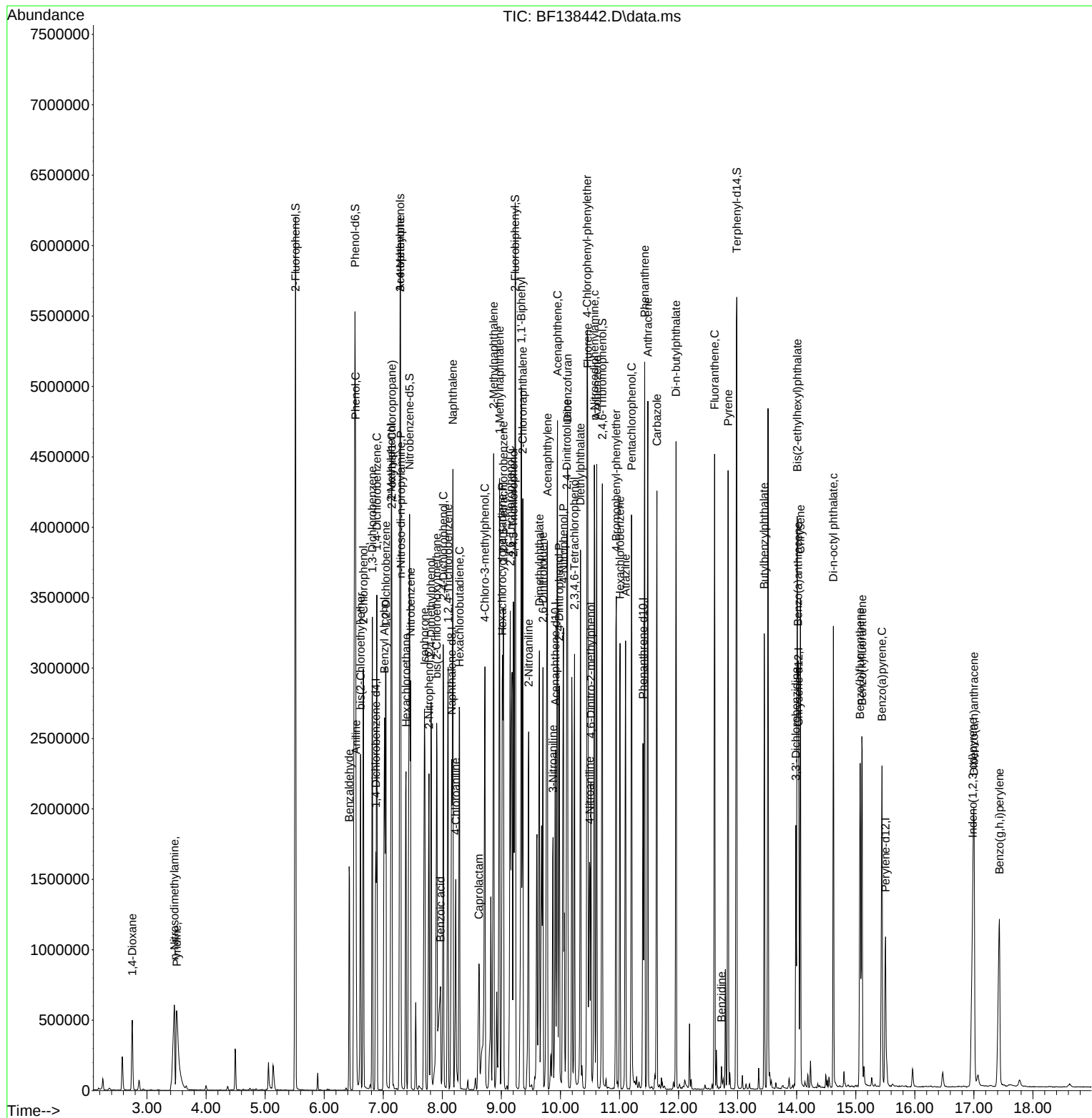
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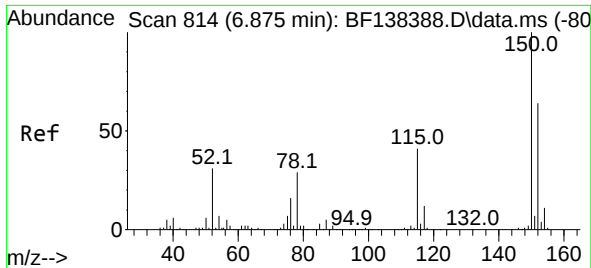
Instrument :
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ClientSampleId :
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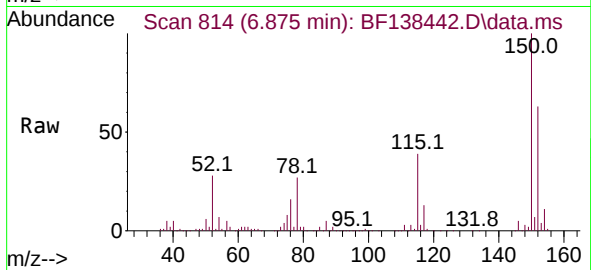
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

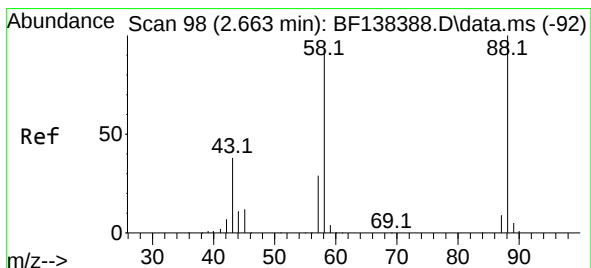
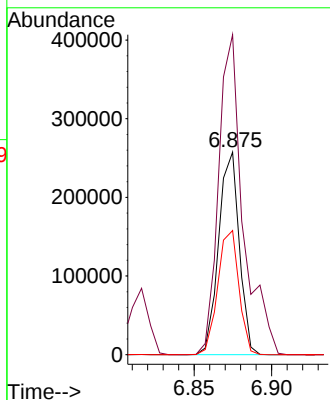
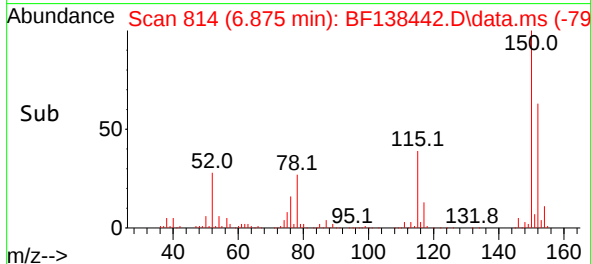
Instrument :
BNA_F
ClientSampleId :
PB161765BS



Tgt Ion:152 Resp: 238524
Ion Ratio Lower Upper
152 100
150 157.9 124.9 187.3
115 61.3 50.8 76.2

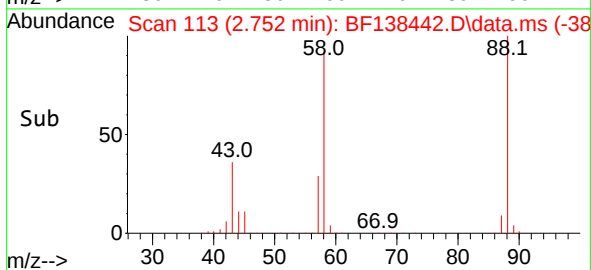
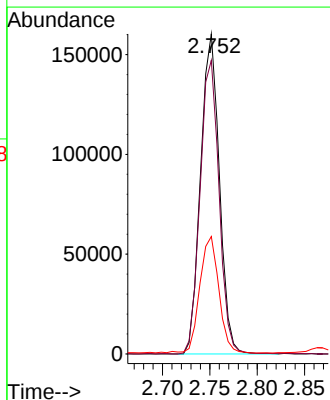
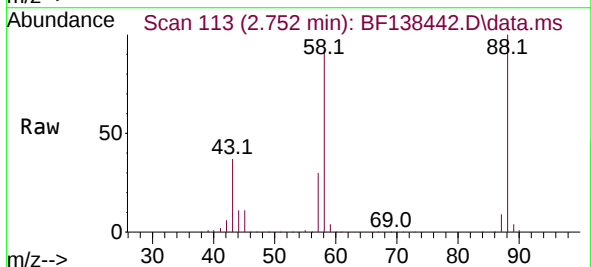
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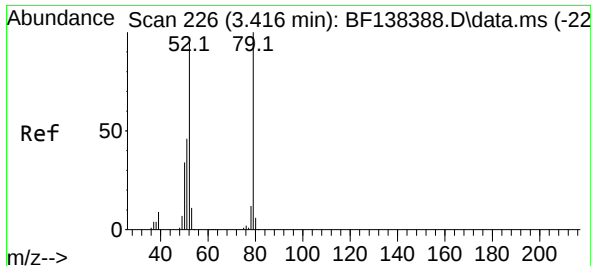
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#2
1,4-Dioxane
Concen: 32.568 ng
RT: 2.752 min Scan# 113
Delta R.T. 0.088 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion: 88 Resp: 220695
Ion Ratio Lower Upper
88 100
58 92.7 73.7 110.5
43 37.0 30.1 45.1





#3

Pyridine

Concen: 33.542 ng

RT: 3.504 min Scan# 241

Delta R.T. 0.088 min

Lab File: BF138442.D

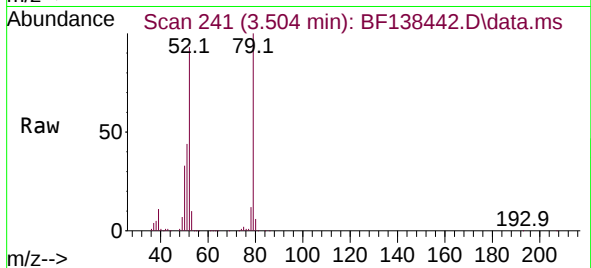
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS



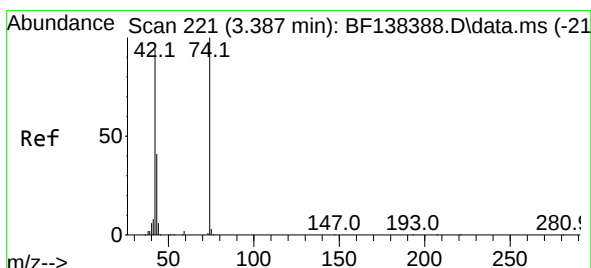
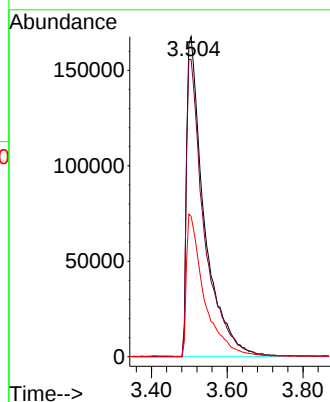
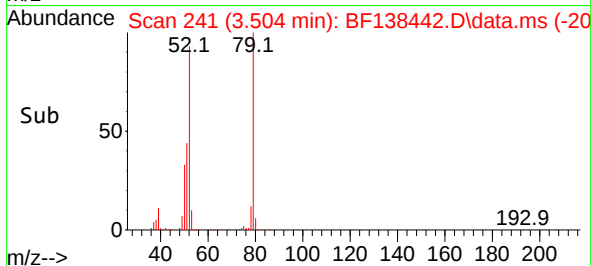
Tgt Ion:	79	Resp:	54226
Ion Ratio	Lower	Upper	
79	100		
52	92.9	76.2	114.2
51	43.8	36.7	55.1

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#4

n-Nitrosodimethylamine

Concen: 45.445 ng

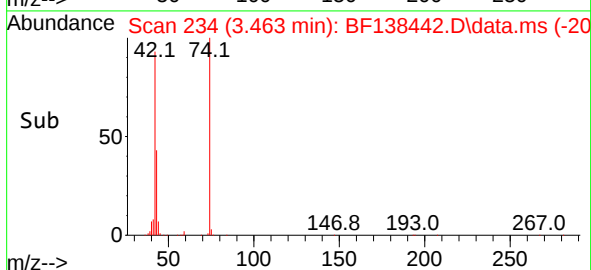
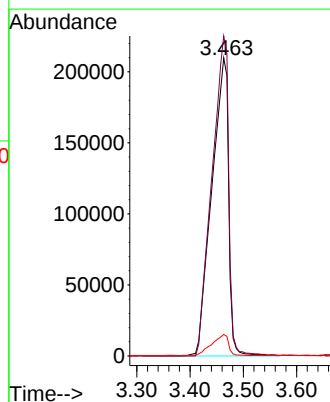
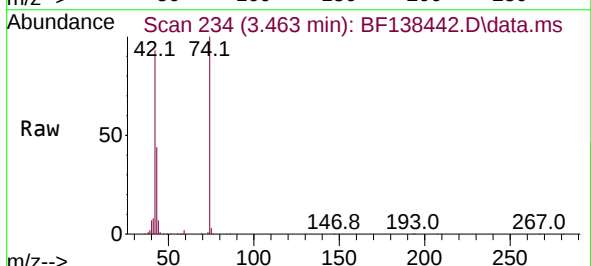
RT: 3.463 min Scan# 234

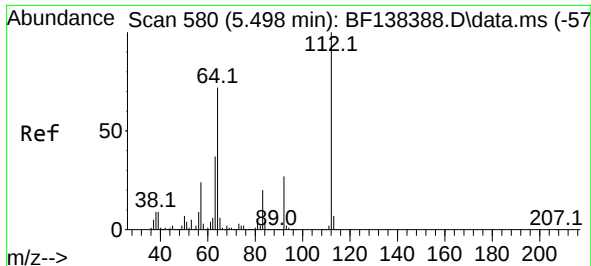
Delta R.T. 0.076 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

Tgt Ion:	42	Resp:	458344
Ion Ratio	Lower	Upper	
42	100		
74	107.3	85.1	127.7
44	7.2	5.5	8.3





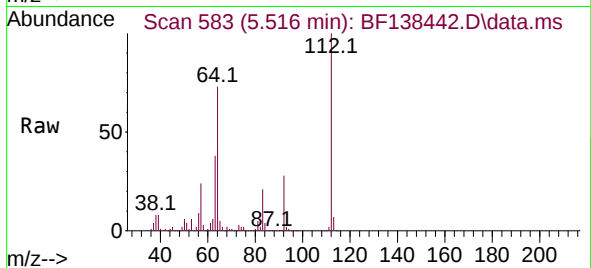
#5
2-Fluorophenol
Concen: 124.480 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

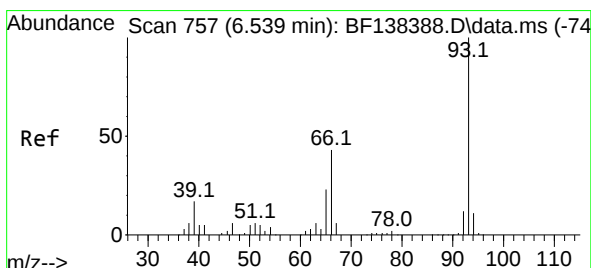
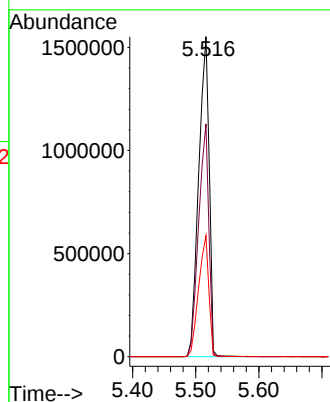
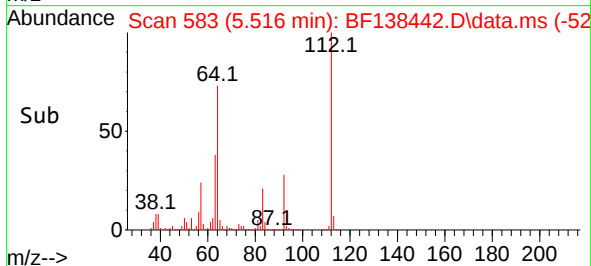
PB161765BS



Tgt Ion:112 Resp: 179085
Ion Ratio Lower Upper
112 100
64 72.7 57.2 85.8
63 37.8 29.4 44.0

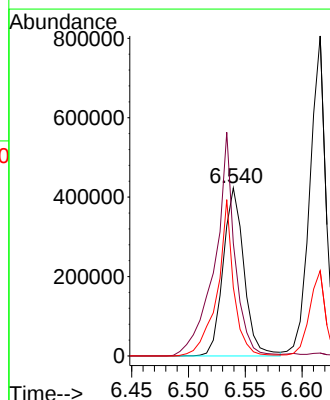
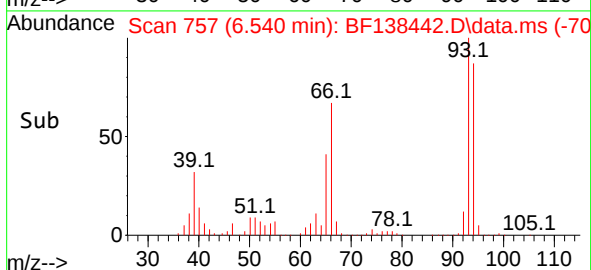
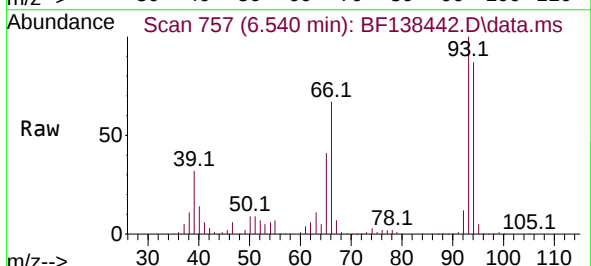
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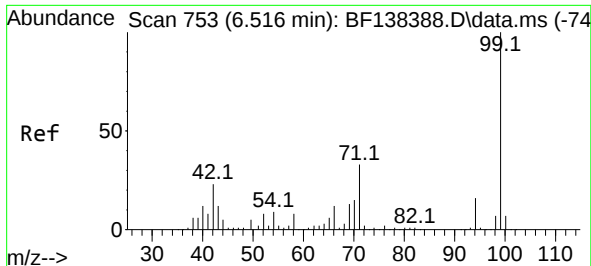
Reviewed By :Yogesh Patel 07/05/2024
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#6
Aniline
Concen: 28.637 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

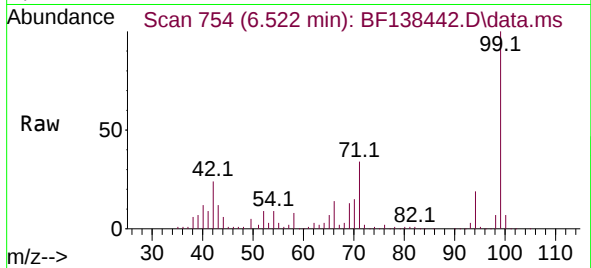
Tgt Ion: 93 Resp: 541595
Ion Ratio Lower Upper
93 100
66 67.1 34.7 52.1#
65 40.8 18.5 27.7#





#7
Phenol-d6
Concen: 125.146 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

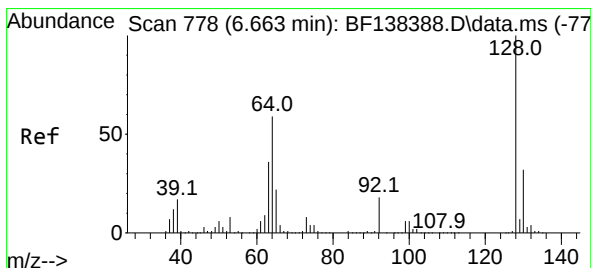
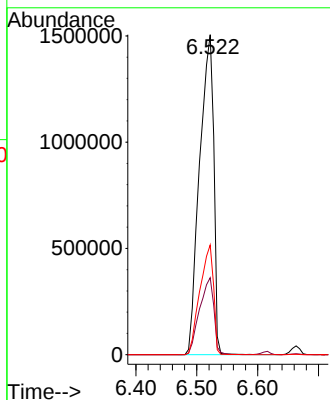
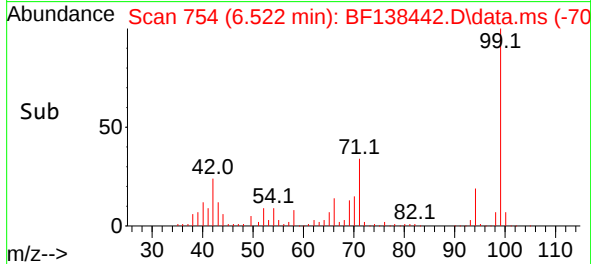
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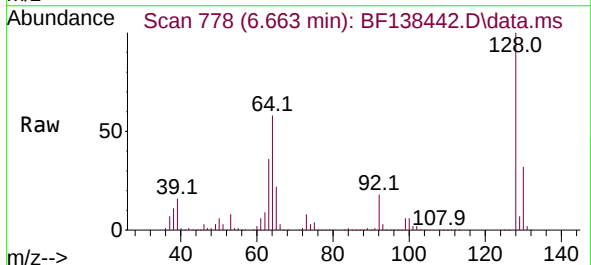
Tgt Ion: 99 Resp: 242535
Ion Ratio Lower Upper
99 100
42 24.0 18.5 27.7
71 34.3 26.1 39.1

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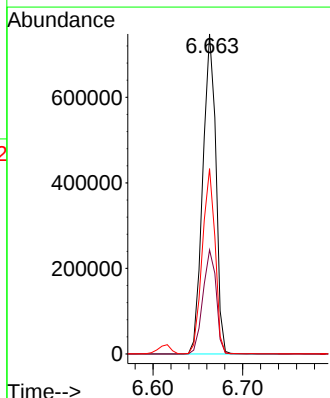
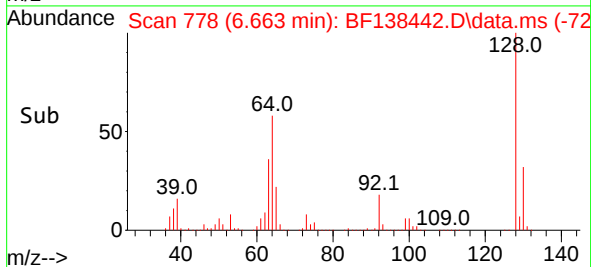
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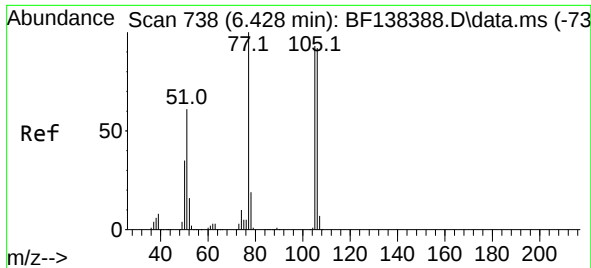


#8
2-Chlorophenol
Concen: 49.099 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09



Tgt Ion:128 Resp: 758309
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 57.9 39.6 79.6





#9

Benzaldehyde

Concen: 25.916 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138442.D

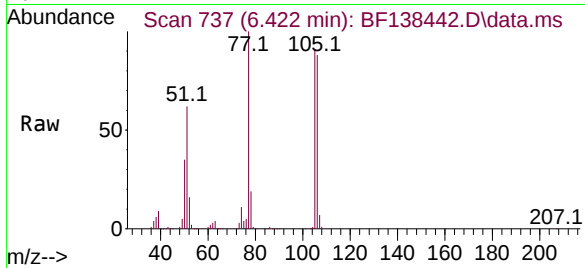
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 77 Resp: 309998

Ion Ratio Lower Upper

77 100

105 91.0 73.2 113.2

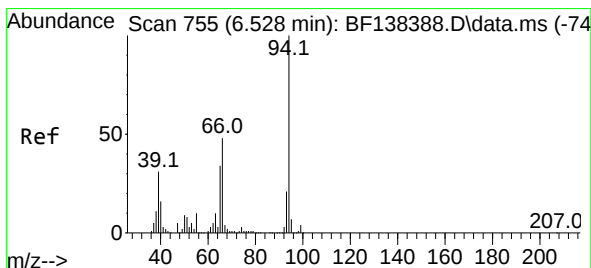
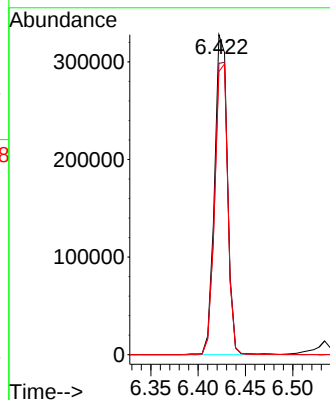
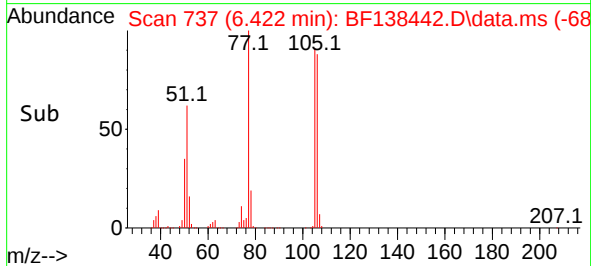
106 88.5 71.5 111.5

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#10

Phenol

Concen: 44.138 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

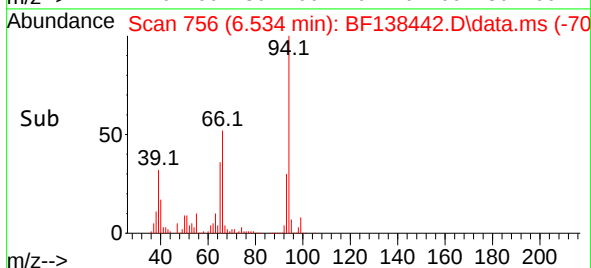
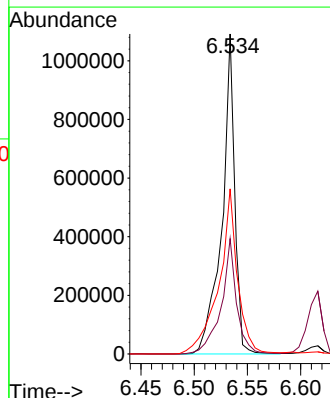
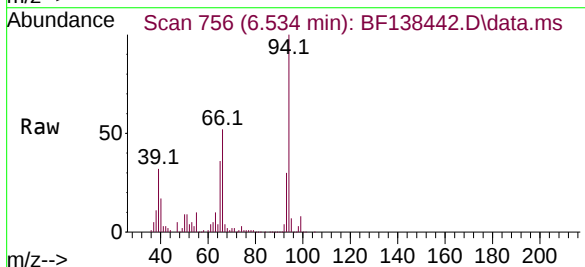
Tgt Ion: 94 Resp: 911353

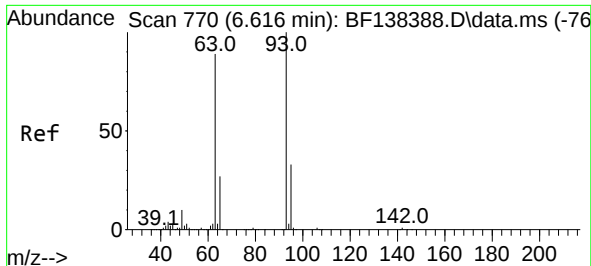
Ion Ratio Lower Upper

94 100

65 36.1 14.2 54.2

66 51.6 27.9 67.9





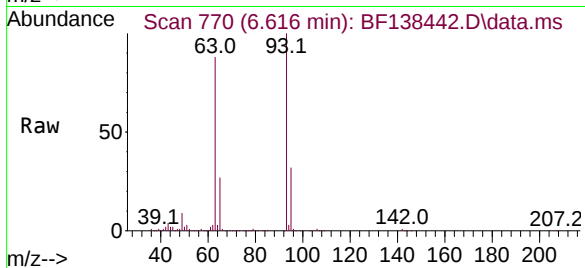
#11
bis(2-Chloroethyl)ether
Concen: 46.526 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

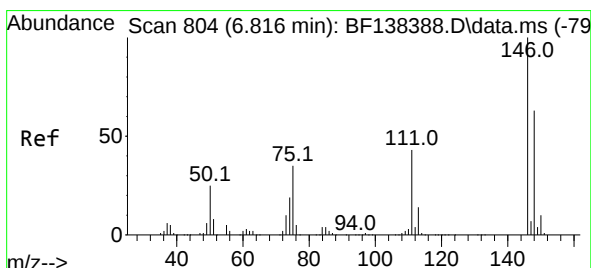
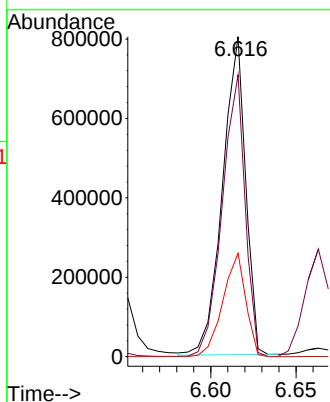
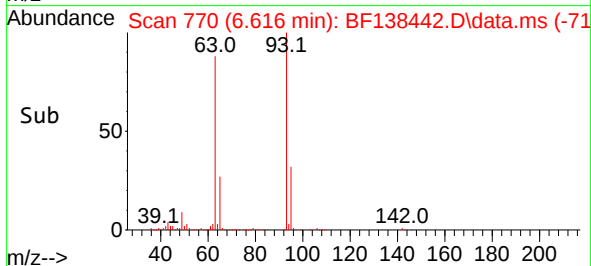
PB161765BS



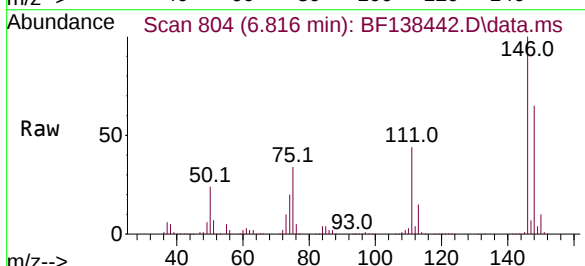
Tgt Ion: 93 Resp: 75449
Ion Ratio Lower Upper
93 100
63 88.0 68.2 108.2
95 32.3 12.4 52.4

Manual Integrations
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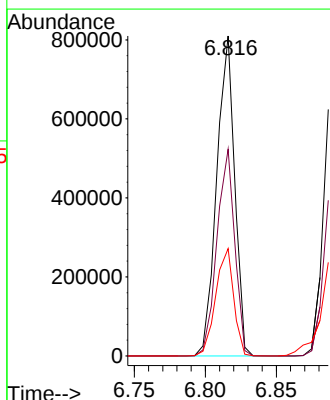
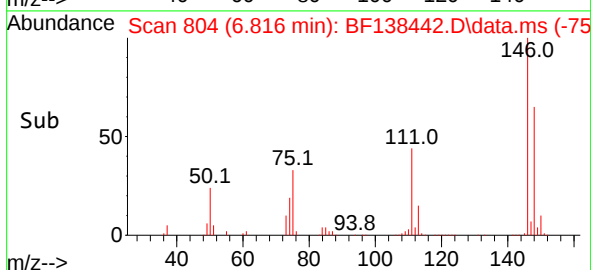
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

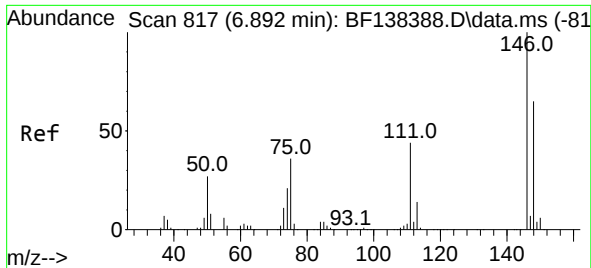


#12
1,3-Dichlorobenzene
Concen: 40.104 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09



Tgt Ion:146 Resp: 709312
Ion Ratio Lower Upper
146 100
148 64.6 50.3 75.5
75 33.6 27.8 41.6





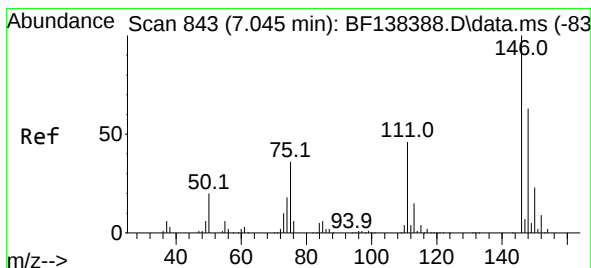
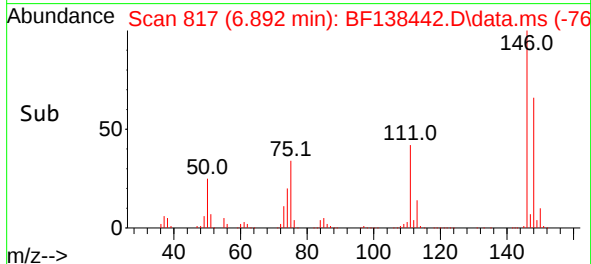
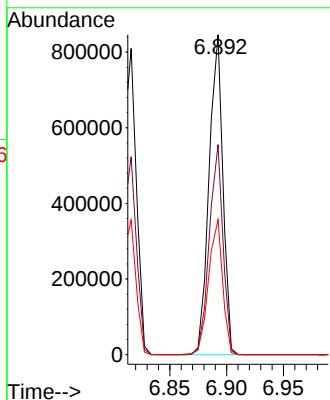
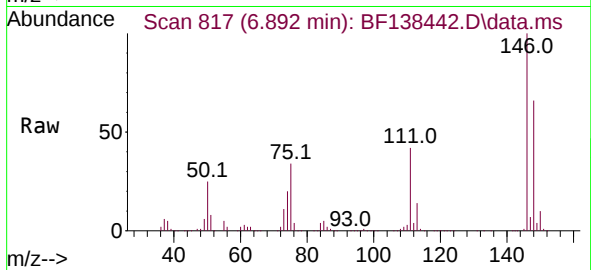
#13
1,4-Dichlorobenzene
Concen: 40.350 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :
BNA_F
ClientSampleId :
PB161765BS

Tgt Ion:146 Resp: 71557
Ion Ratio Lower Upper
146 100
148 65.6 52.0 78.0
111 42.2 35.4 53.0

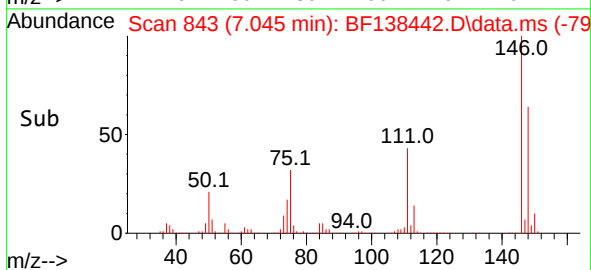
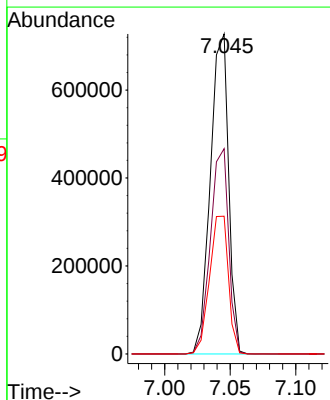
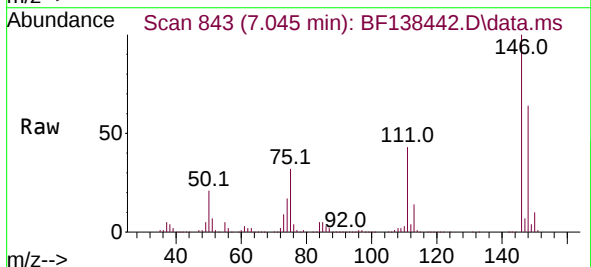
Manual Integrations
APPROVED

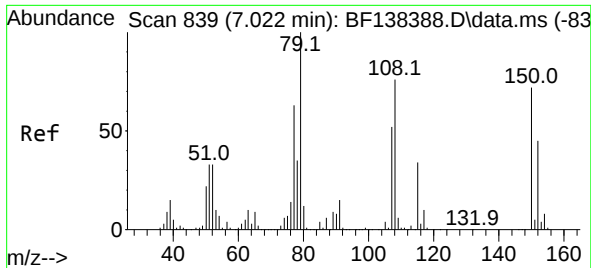
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#14
1,2-Dichlorobenzene
Concen: 43.097 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

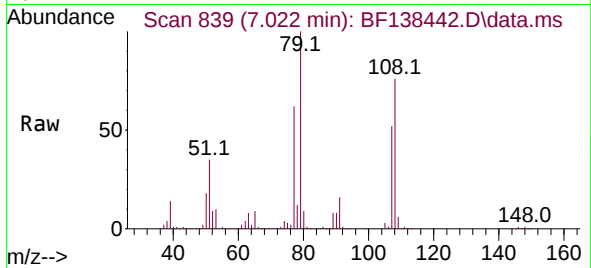
Tgt Ion:146 Resp: 705583
Ion Ratio Lower Upper
146 100
148 64.2 50.3 75.5
111 43.1 37.1 55.7





#15
Benzyl Alcohol
Concen: 50.325 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

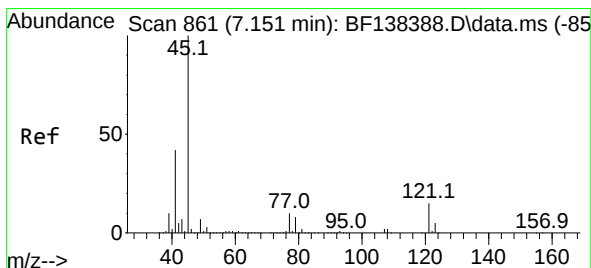
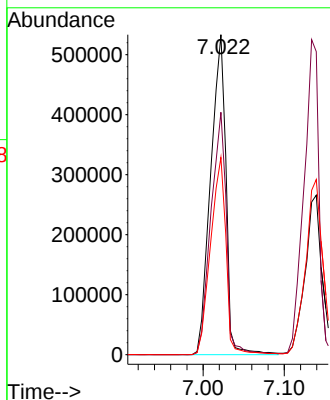
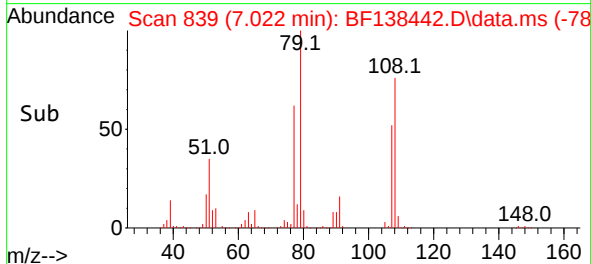
Instrument :
BNA_F
ClientSampleId :
PB161765BS



Tgt Ion: 79 Resp: 69857
Ion Ratio Lower Upper
79 100
108 75.7 60.9 91.3
77 61.7 50.6 75.8

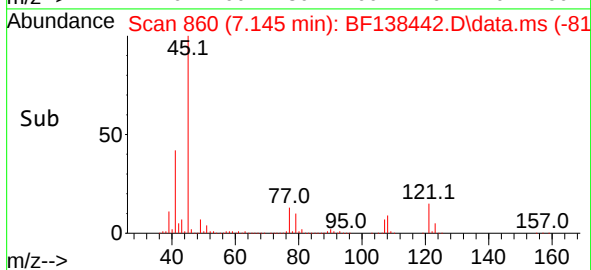
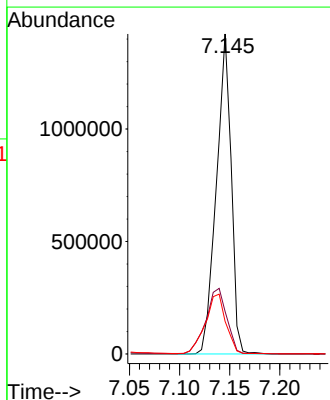
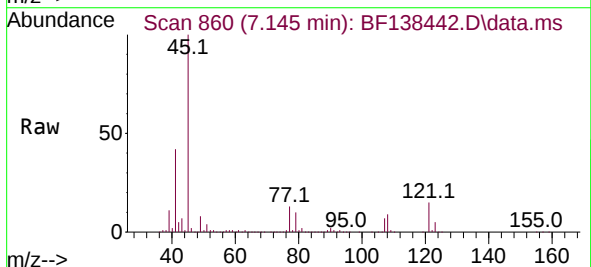
Manual Integrations
APPROVED

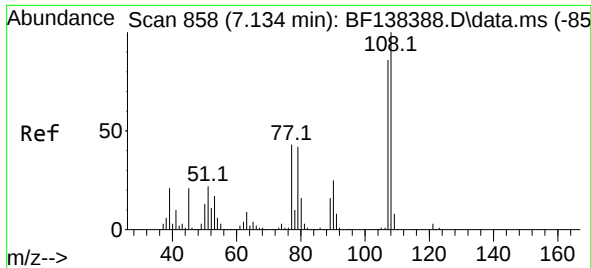
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.550 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion: 45 Resp: 1457206
Ion Ratio Lower Upper
45 100
77 13.3 0.0 30.4
79 10.2 0.0 28.1





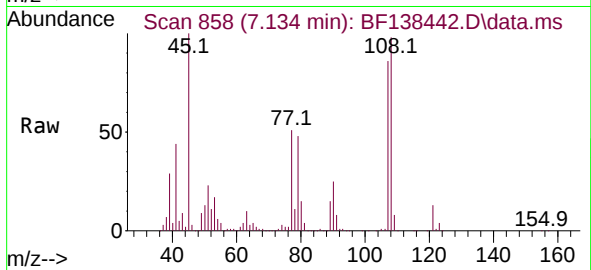
#17
2-Methylphenol
Concen: 46.187 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS



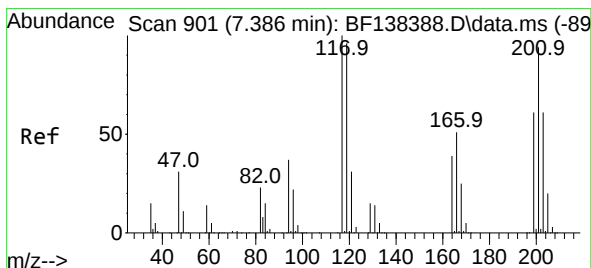
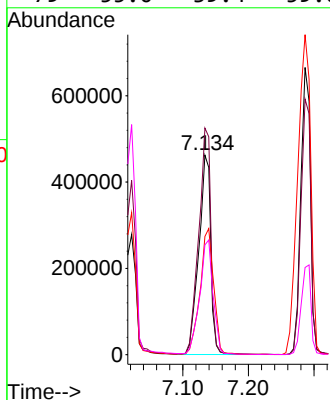
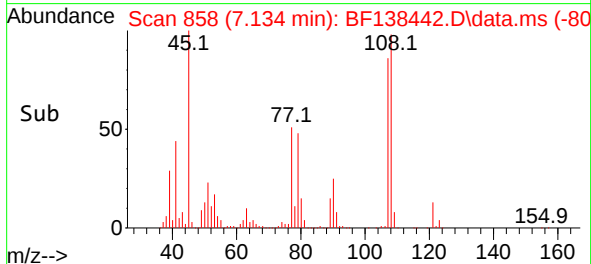
Tgt Ion:107 Resp: 59118
Ion Ratio Lower Upper
107 100
108 113.6 92.6 138.8
77 59.2 40.3 60.5
79 55.0 39.4 59.0

Manual Integrations

APPROVED

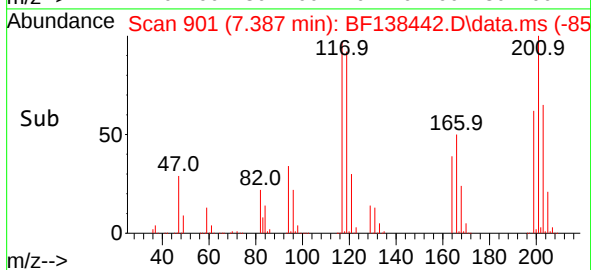
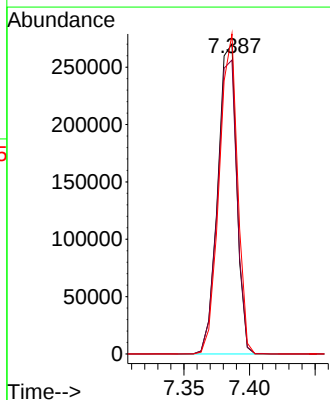
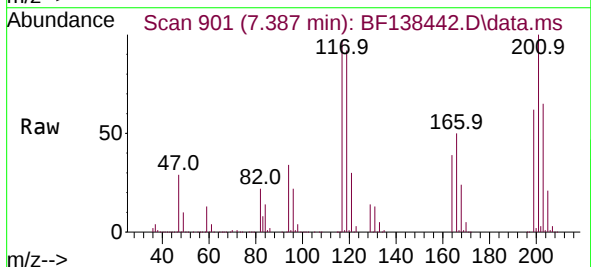
Reviewed By :Yogesh Patel 07/05/2024

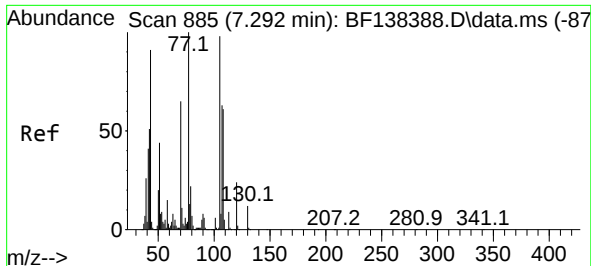
Supervised By :mohammad ahmed 07/05/2024



#18
Hexachloroethane
Concen: 42.421 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion:117 Resp: 271350
Ion Ratio Lower Upper
117 100
119 94.8 77.1 115.7
201 103.2 75.6 113.4





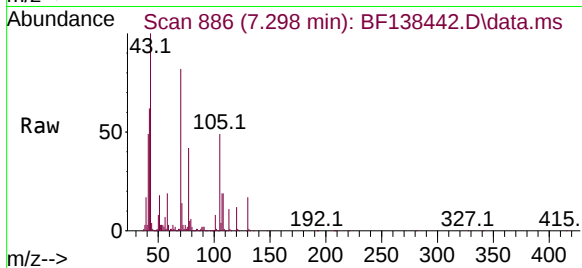
#19
n-Nitroso-di-n-propylamine
Concen: 45.078 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS



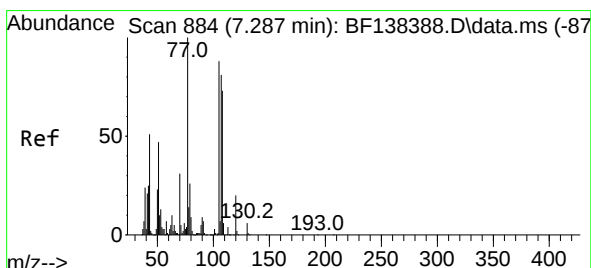
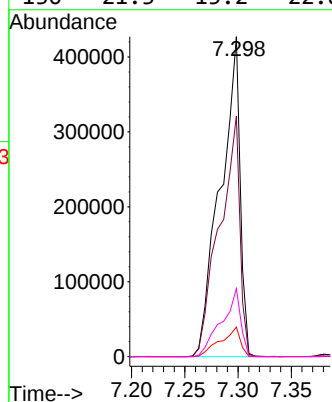
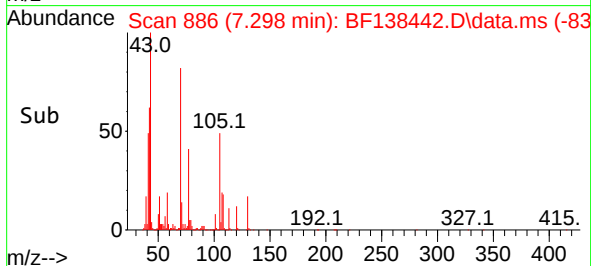
Tgt Ion: 70 Resp: 55075
Ion Ratio Lower Upper
70 100
42 75.2 62.5 93.7
101 9.3 7.0 10.4
130 21.3 15.2 22.8

Manual Integrations

APPROVED

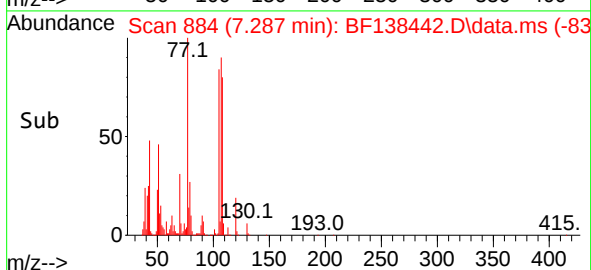
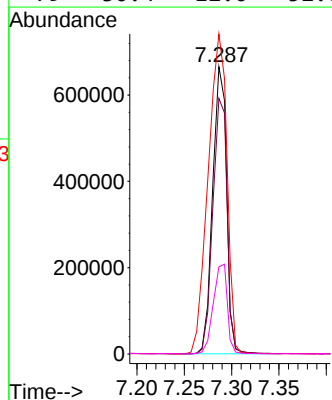
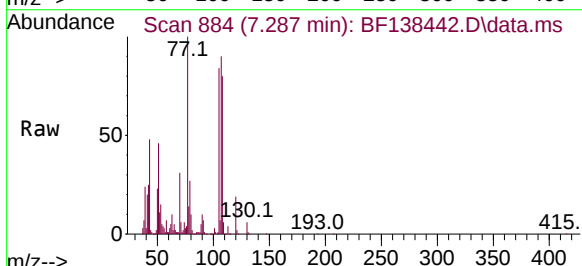
Reviewed By :Yogesh Patel 07/05/2024

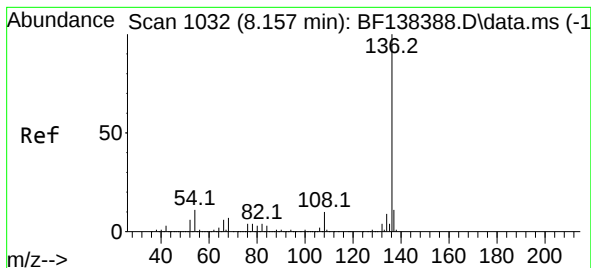
Supervised By :mohammad ahmed 07/05/2024



#20
3+4-Methylphenols
Concen: 45.680 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion:107 Resp: 679366
Ion Ratio Lower Upper
107 100
108 89.0 70.8 110.8
77 111.4 104.0 144.0
79 30.4 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: BF138442.D

Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS

Tgt Ion:136 Resp: 1020839

Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 11.7 9.0 13.4

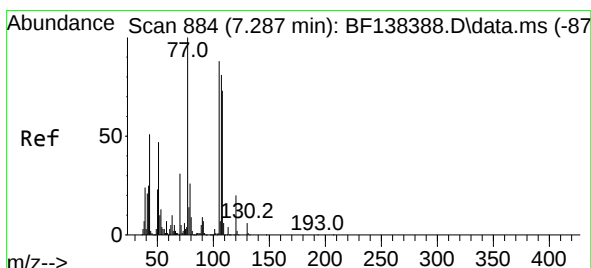
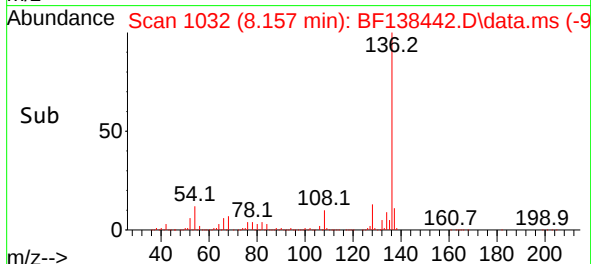
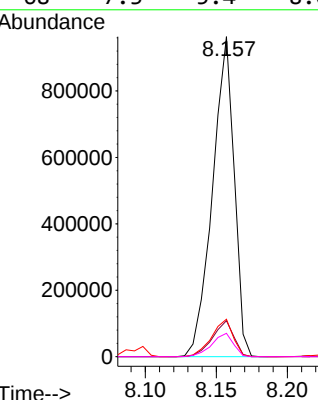
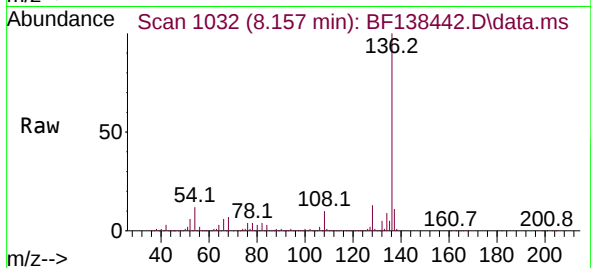
68 7.3 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#22

Acetophenone

Concen: 41.922 ng

RT: 7.287 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

Tgt Ion:105 Resp: 970883

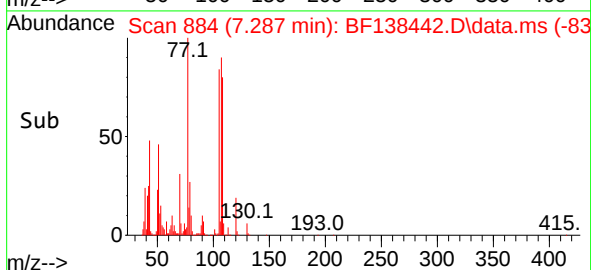
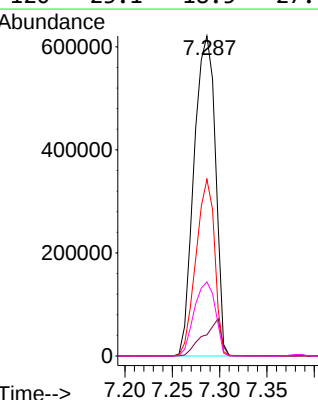
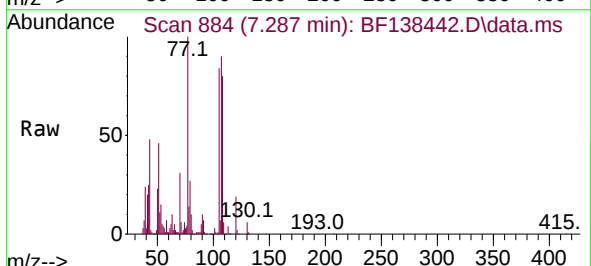
Ion Ratio Lower Upper

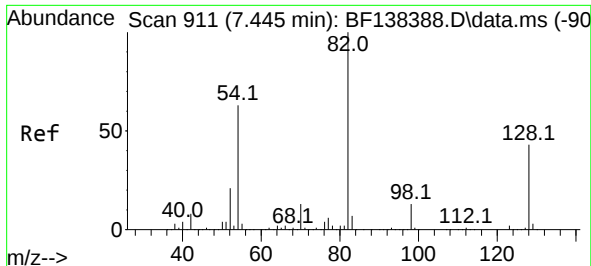
105 100

71 6.6 4.7 7.1

51 55.2 43.2 64.8

120 23.1 18.5 27.7





#23

Nitrobenzene-d5

Concen: 81.716 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS

Tgt Ion: 82 Resp: 160581

Ion Ratio Lower Upper

82 100

128 43.5 34.6 52.0

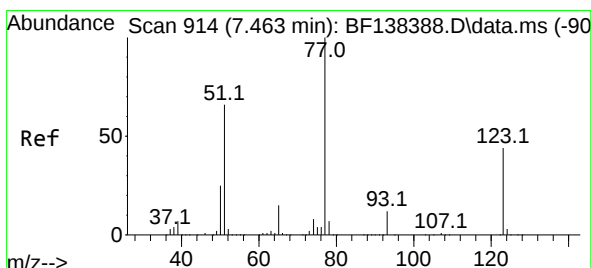
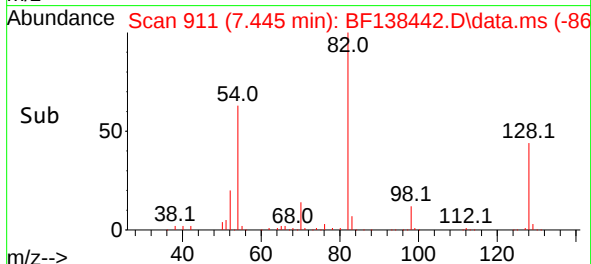
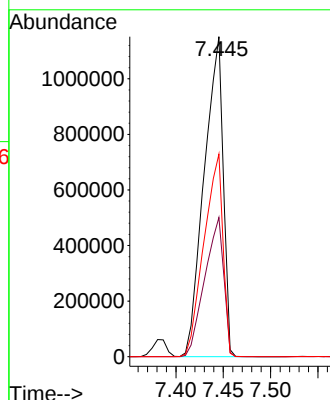
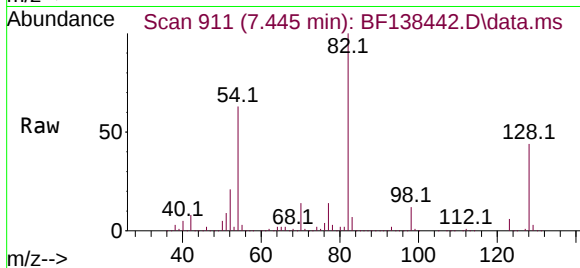
54 63.3 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#24

Nitrobenzene

Concen: 41.757 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

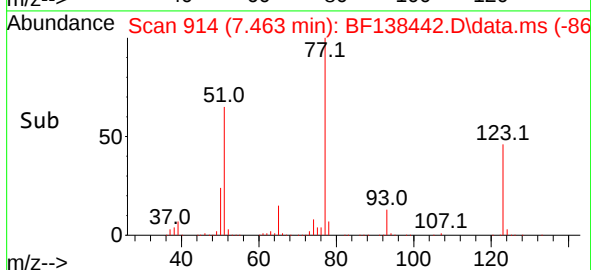
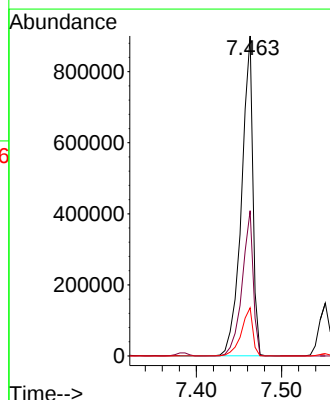
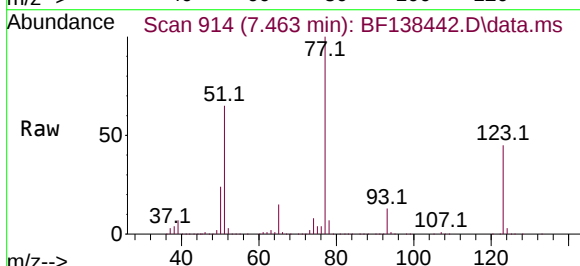
Tgt Ion: 77 Resp: 834608

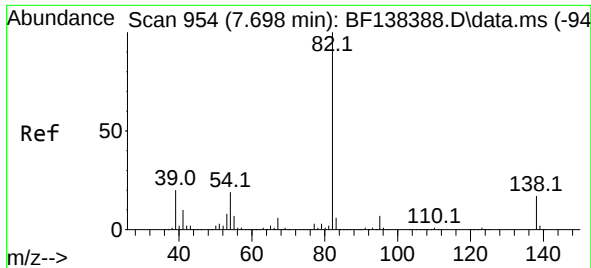
Ion Ratio Lower Upper

77 100

123 45.4 35.0 52.6

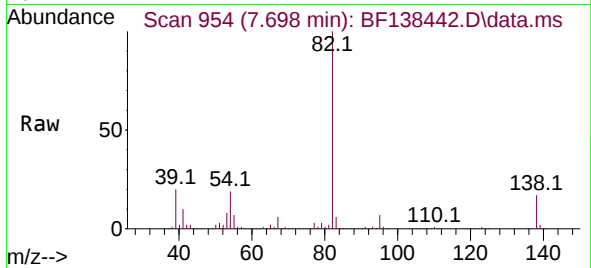
65 15.1 12.1 18.1





#25
Isophorone
Concen: 44.042 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

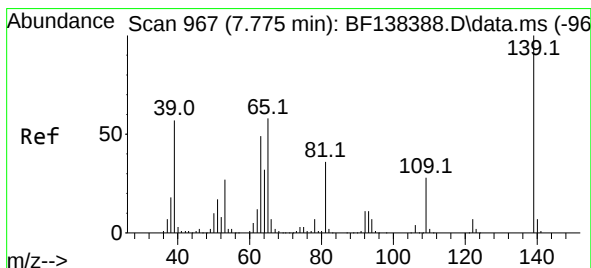
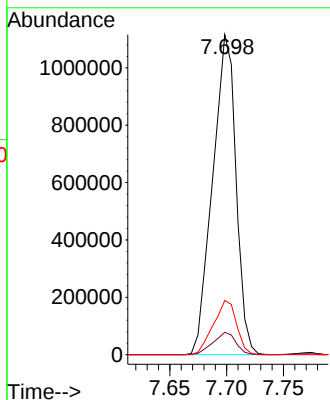
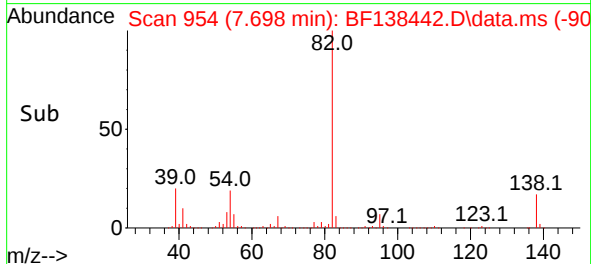
Instrument :
BNA_F
ClientSampleId :
PB161765BS



Tgt Ion: 82 Resp: 159584
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.0 13.4 20.2

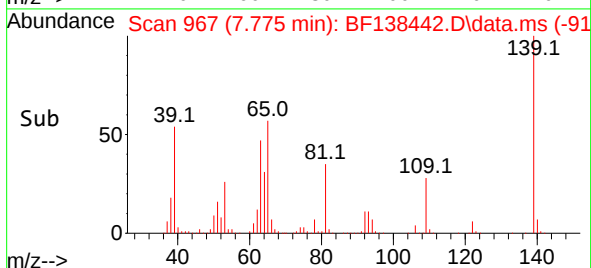
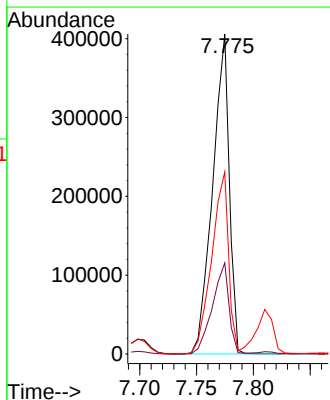
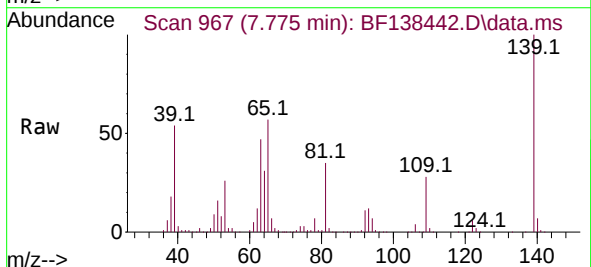
Manual Integrations
APPROVED

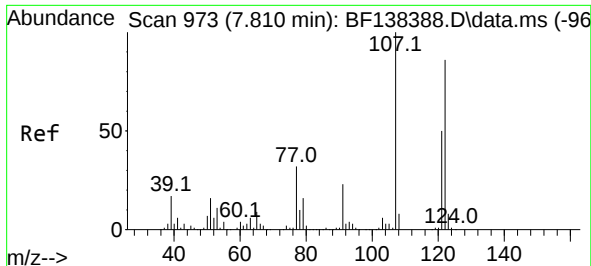
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#26
2-Nitrophenol
Concen: 48.002 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion:139 Resp: 413840
Ion Ratio Lower Upper
139 100
109 28.4 22.5 33.7
65 56.9 46.2 69.2





#27
2,4-Dimethylphenol
Concen: 49.430 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

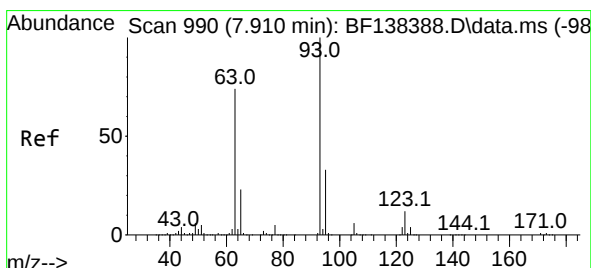
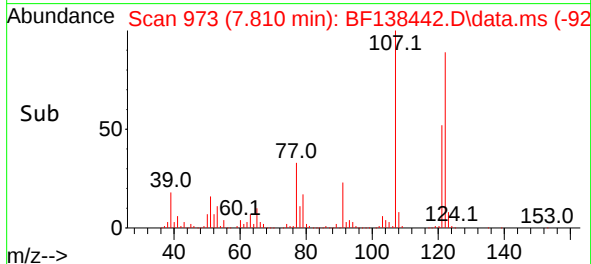
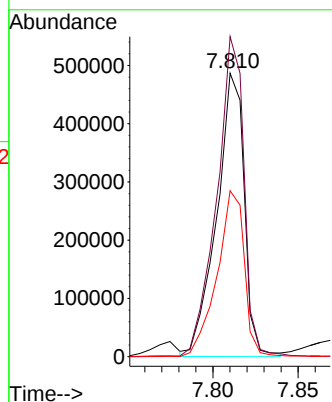
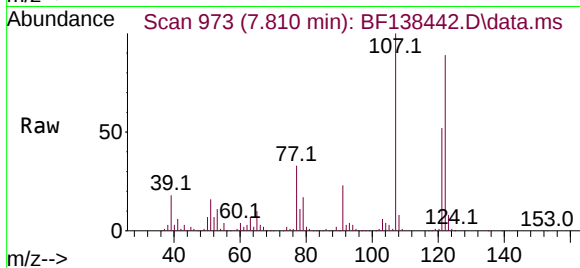
PB161765BS

Tgt Ion:122 Resp: 545409
Ion Ratio Lower Upper
122 100
107 112.9 92.5 138.7
121 58.6 46.5 69.7

Manual Integrations

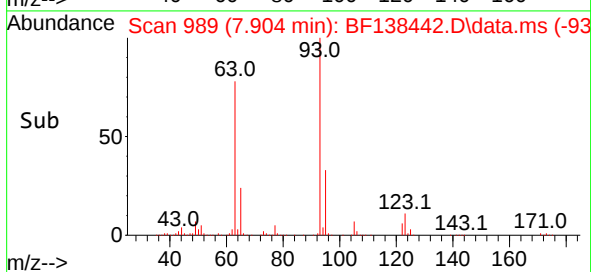
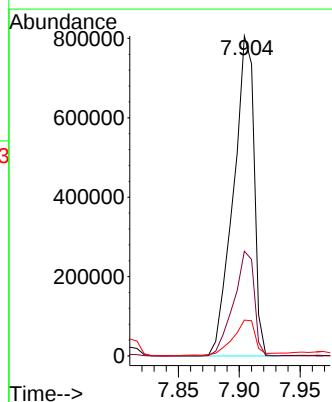
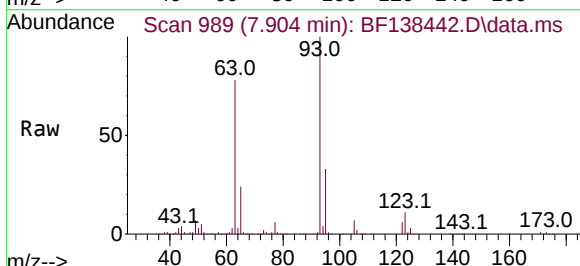
APPROVED

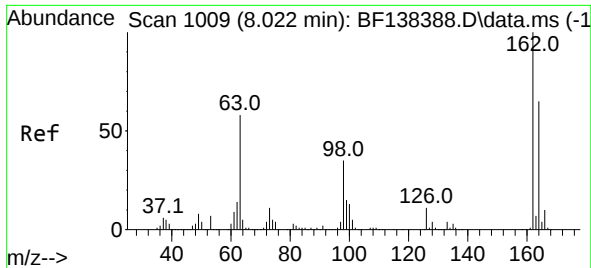
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.643 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion: 93 Resp: 951873
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 11.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 43.777 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS

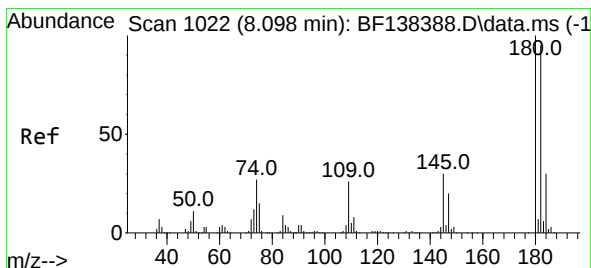
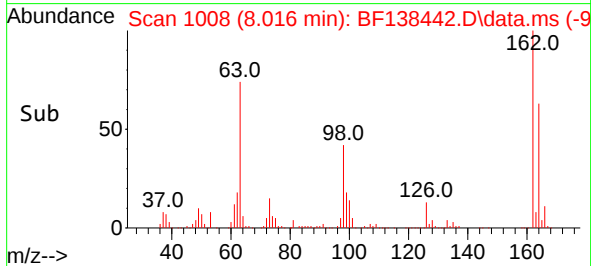
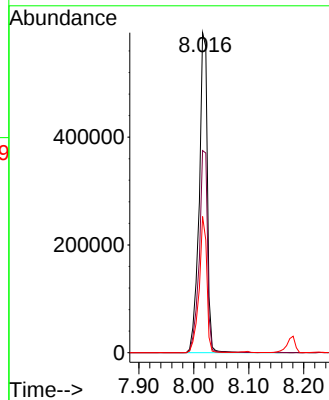
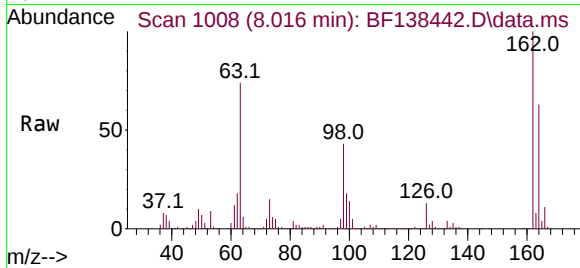
Tgt Ion:162 Resp: 620390
 Ion Ratio Lower Upper
 162 100
 164 63.1 45.4 85.4
 98 42.5 15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.364 ng

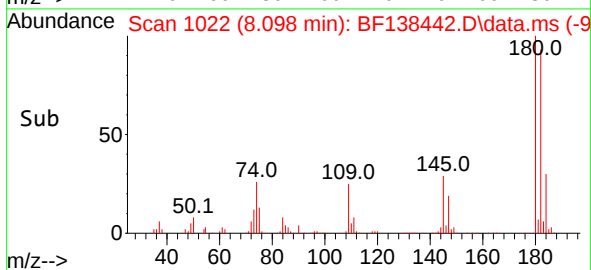
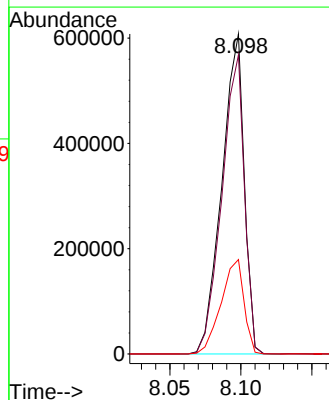
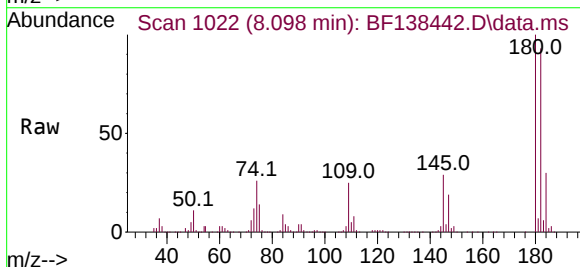
RT: 8.098 min Scan# 1022

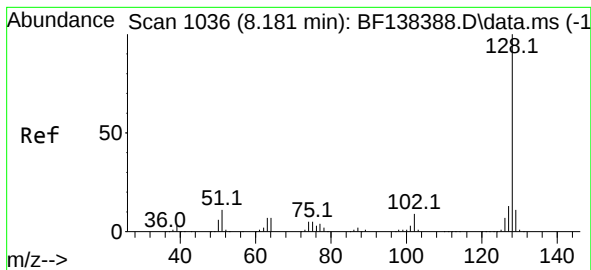
Delta R.T. 0.000 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

Tgt Ion:180 Resp: 665104
 Ion Ratio Lower Upper
 180 100
 182 93.5 76.0 114.0
 145 29.5 24.2 36.2





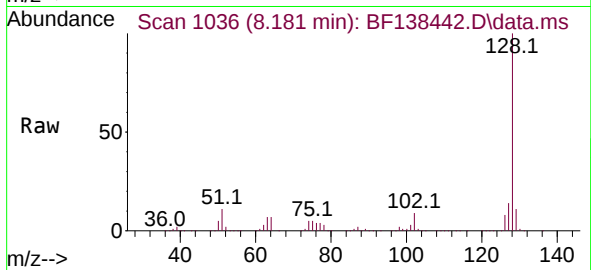
#31
Naphthalene
Concen: 40.764 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS



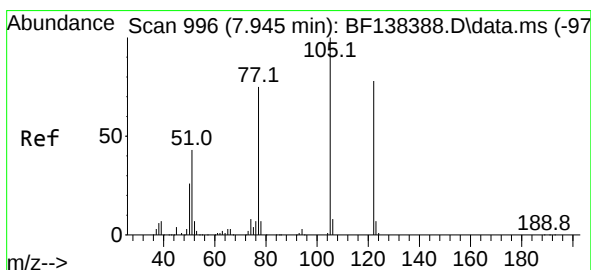
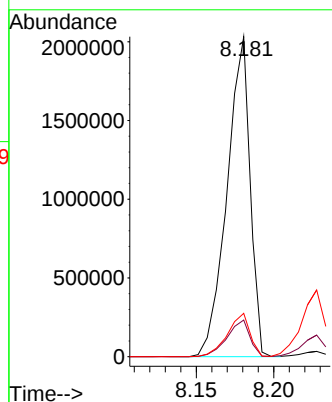
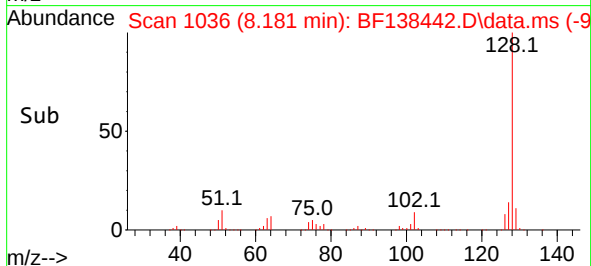
Tgt Ion:128 Resp: 2103719
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.5 10.6 16.0

Manual Integrations

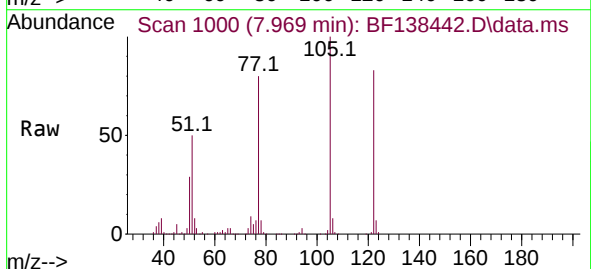
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

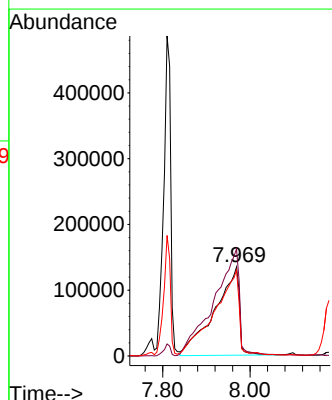
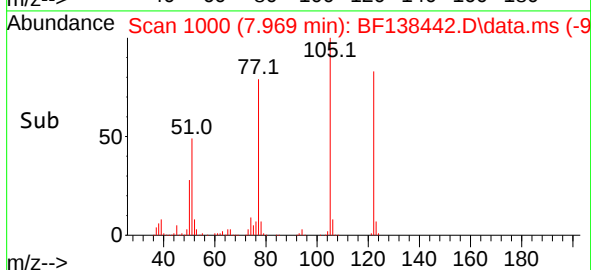
Supervised By :mohammad ahmed 07/05/2024

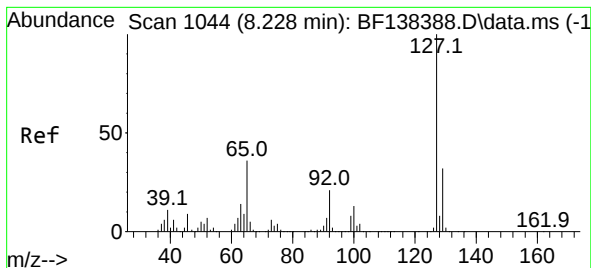


#32
Benzoic acid
Concen: 51.796 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.024 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09



Tgt Ion:122 Resp: 525953
Ion Ratio Lower Upper
122 100
105 120.3 103.8 143.8
77 96.8 74.3 114.3





#33
4-Chloroaniline
Concen: 26.765 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

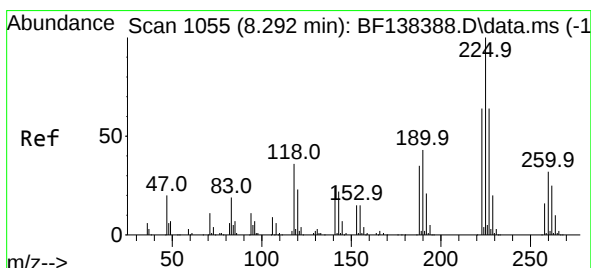
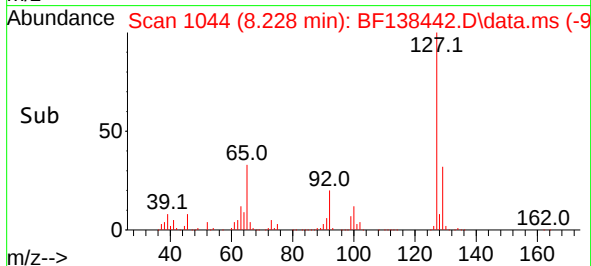
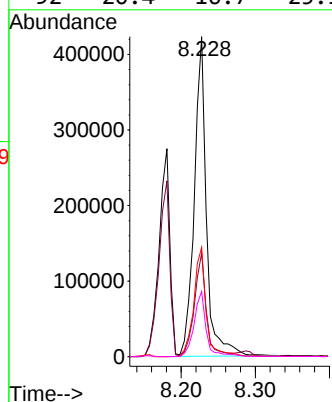
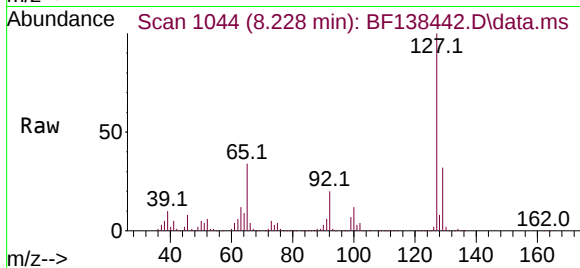
ClientSampleId :

PB161765BS

Tgt Ion:127 Resp: 48240
Ion Ratio Lower Upper
127 100
129 32.4 25.4 38.2
65 34.2 28.7 43.1
92 20.4 16.7 25.1

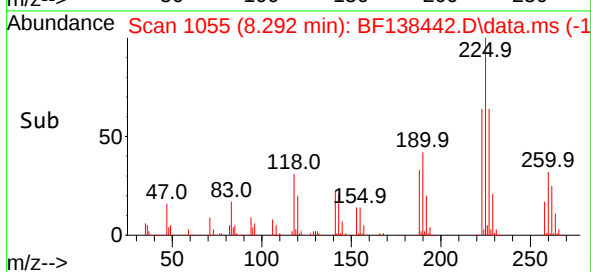
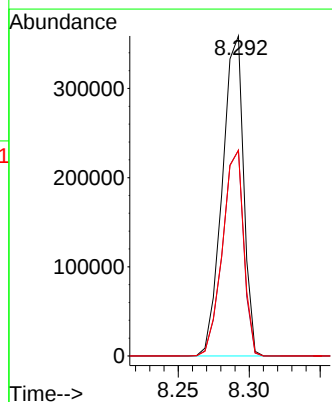
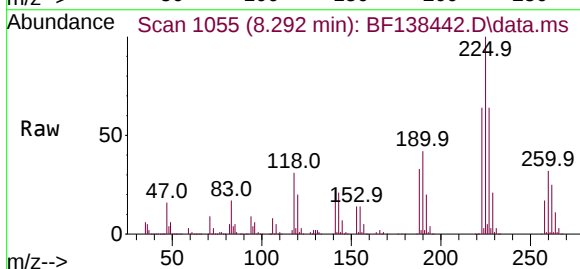
Manual Integrations
APPROVED

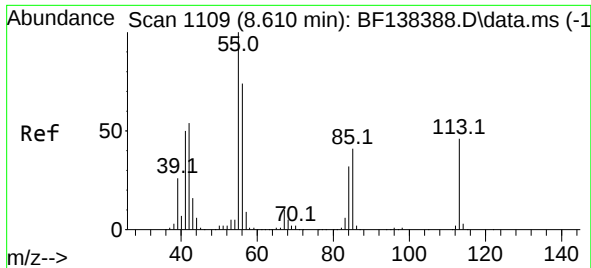
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#34
Hexachlorobutadiene
Concen: 37.810 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

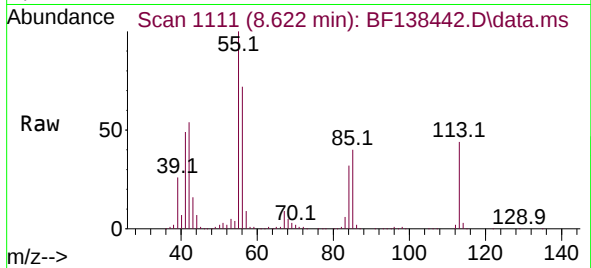
Tgt Ion:225 Resp: 374052
Ion Ratio Lower Upper
225 100
223 64.2 51.0 76.6
227 64.3 51.2 76.8





#35
Caprolactam
Concen: 46.457 ng m
RT: 8.622 min Scan# 1111
Delta R.T. 0.012 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

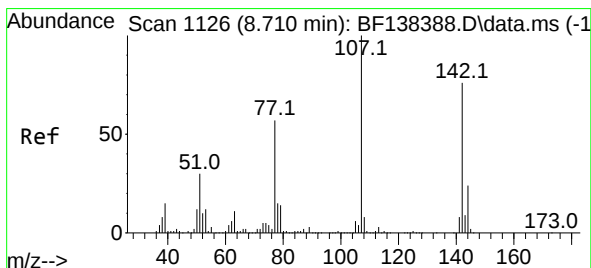
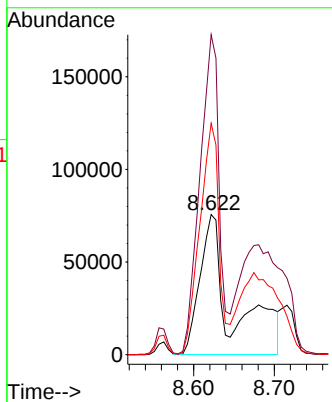
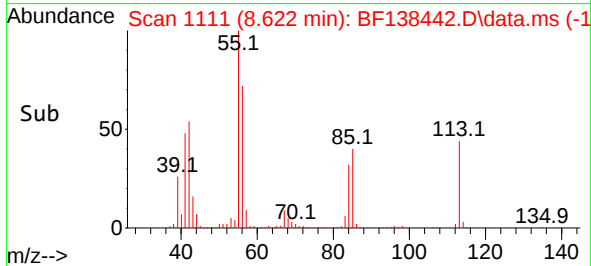
Instrument :
BNA_F
ClientSampleId :
PB161765BS



Tgt Ion:113 Resp: 20789
Ion Ratio Lower Upper
113 100
55 228.2 195.9 235.9
56 165.0 138.7 178.7

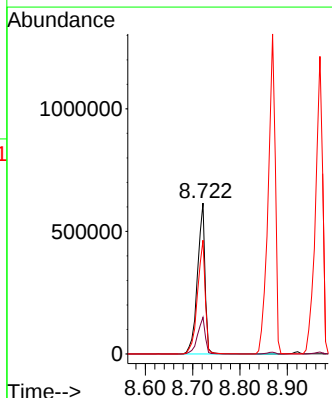
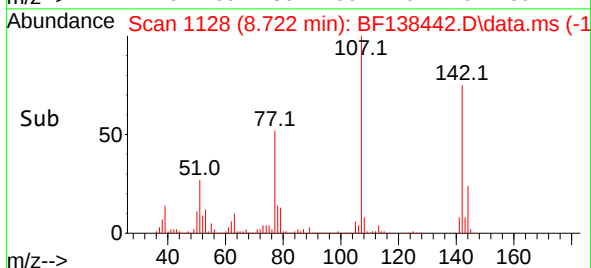
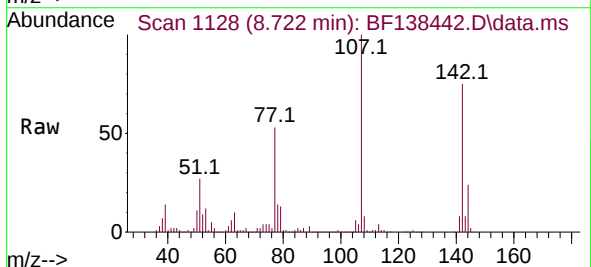
Manual Integrations
APPROVED

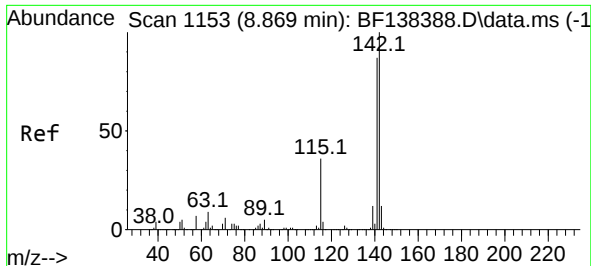
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#36
4-Chloro-3-methylphenol
Concen: 45.375 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.012 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion:107 Resp: 684937
Ion Ratio Lower Upper
107 100
144 24.3 19.2 28.8
142 75.4 61.0 91.6





#37

2-Methylnaphthalene

Concen: 41.194 ng

RT: 8.869 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS

Tgt Ion:142 Resp: 1373949

Ion Ratio Lower Upper

142 100

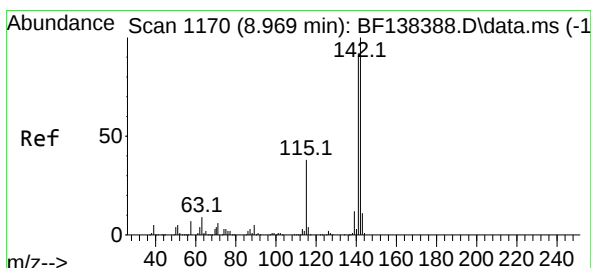
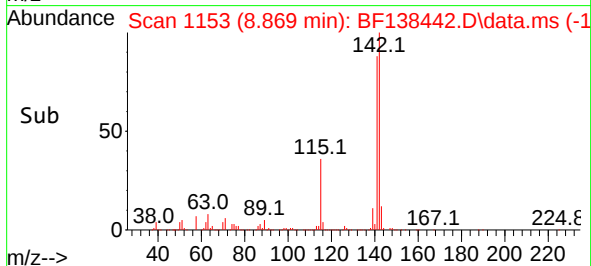
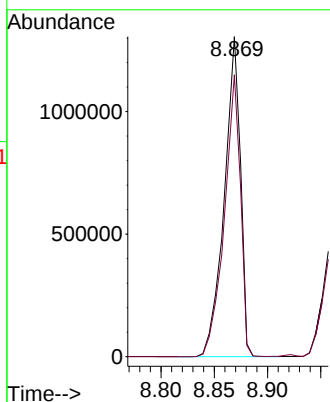
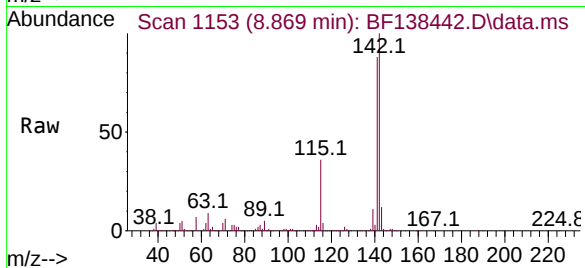
141 88.1 69.6 104.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#38

1-Methylnaphthalene

Concen: 39.349 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF138442.D

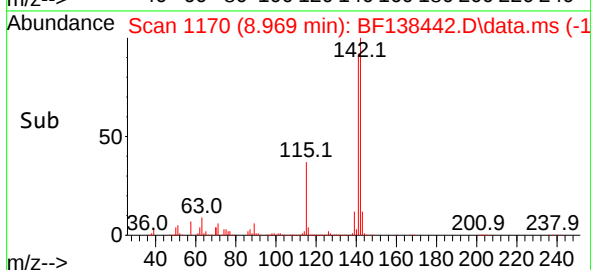
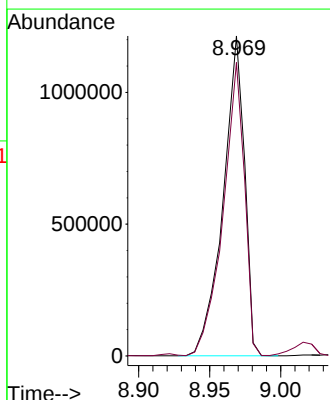
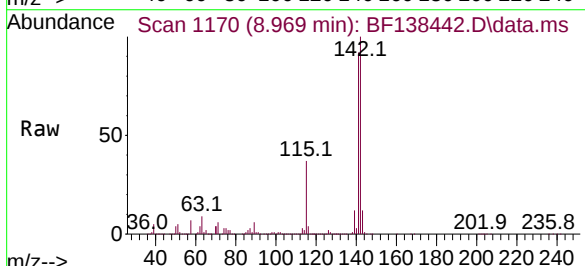
Acq: 03 Jul 2024 13:09

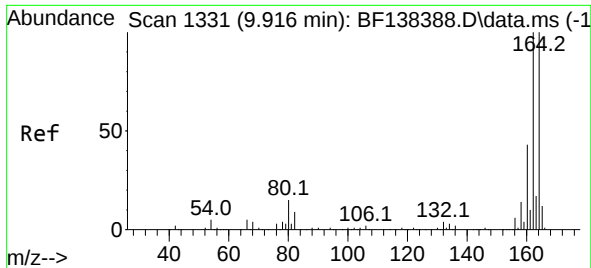
Tgt Ion:142 Resp: 1272789

Ion Ratio Lower Upper

142 100

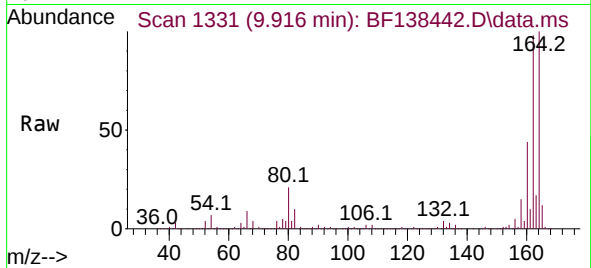
141 91.7 73.7 110.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

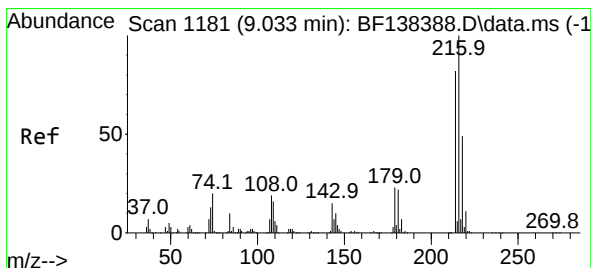
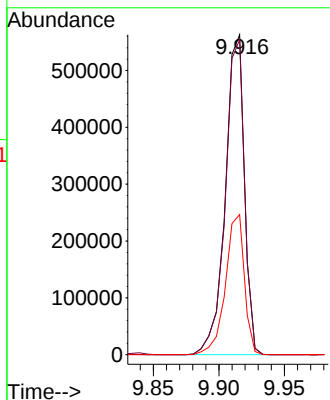
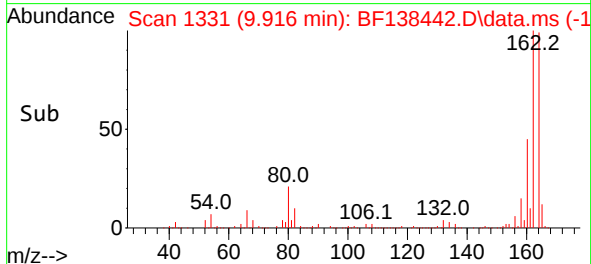
Instrument :
BNA_F
ClientSampleId :
PB161765BS



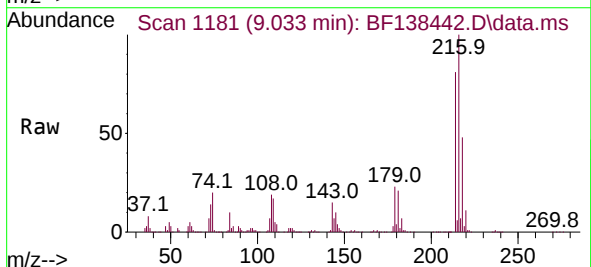
Tgt Ion:164 Resp: 571260
Ion Ratio Lower Upper
164 100
162 98.5 80.1 120.1
160 43.8 34.1 51.1

Manual Integrations
APPROVED

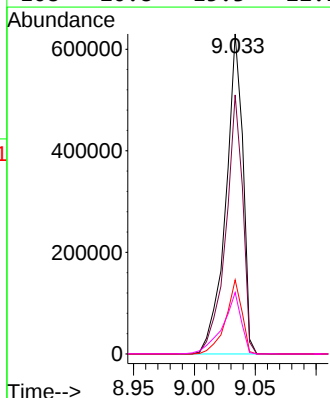
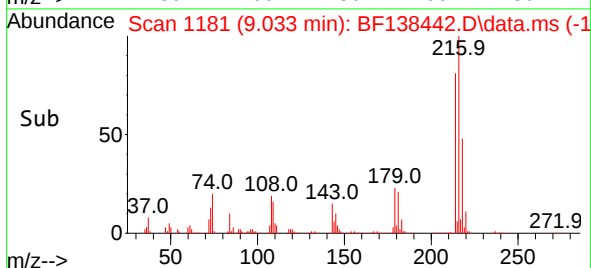
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

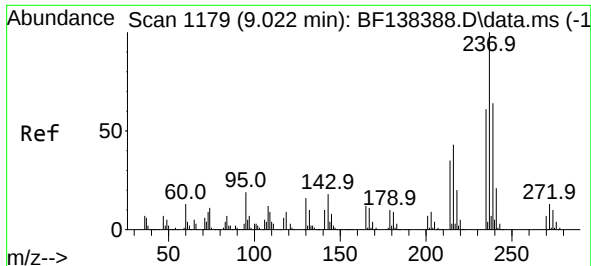


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.982 ng
RT: 9.033 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09



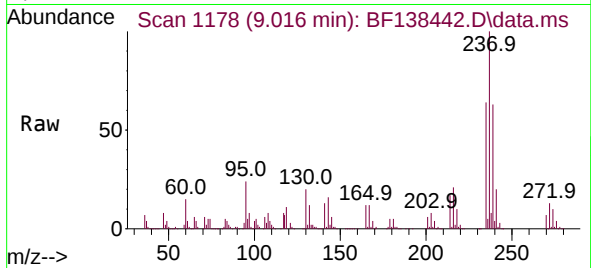
Tgt Ion:216 Resp: 615966
Ion Ratio Lower Upper
216 100
214 79.5 64.2 96.4
179 21.8 17.4 26.0
108 20.8 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 101.336 ng
RT: 9.016 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

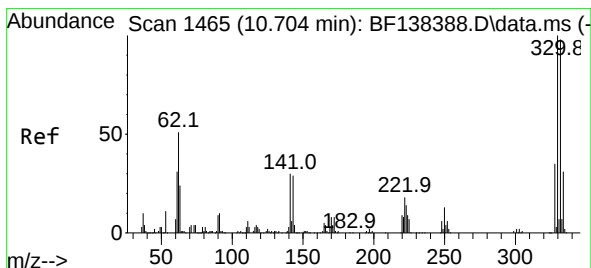
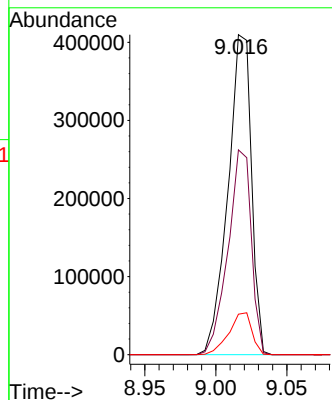
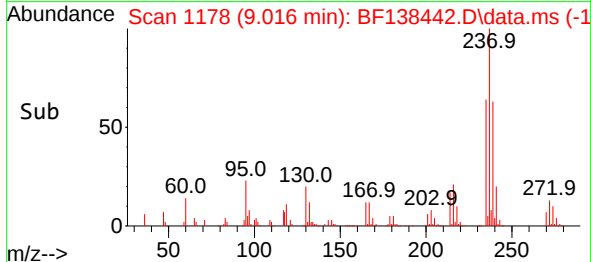
Instrument :
BNA_F
ClientSampleId :
PB161765BS



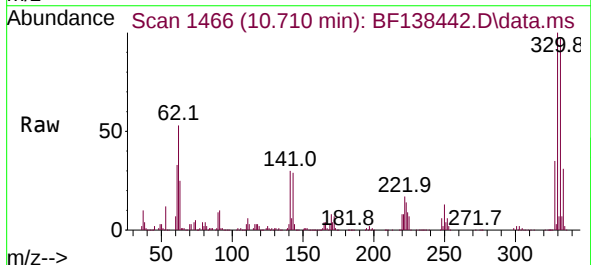
Tgt Ion:237 Resp: 471327
Ion Ratio Lower Upper
237 100
235 64.0 41.4 81.4
272 12.6 0.0 33.1

Manual Integrations
APPROVED

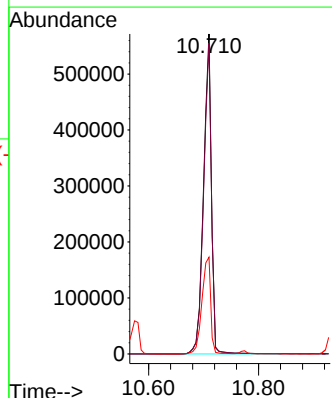
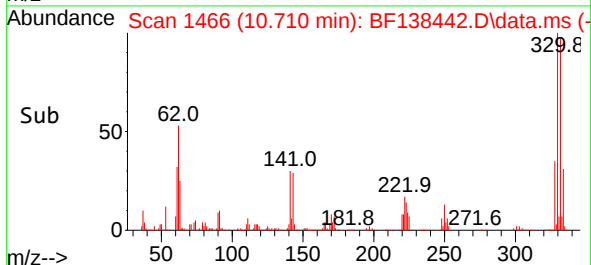
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

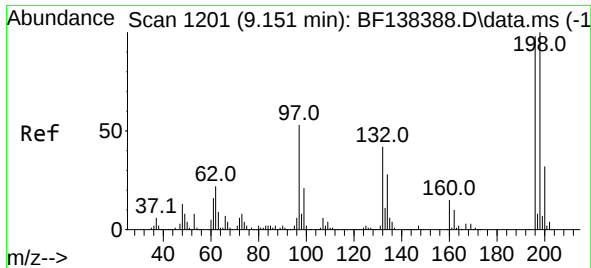


#42
2,4,6-Tribromophenol
Concen: 121.917 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09



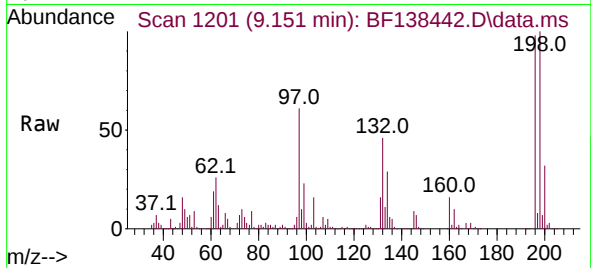
Tgt Ion:330 Resp: 569027
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 33.9 28.1 42.1





#43
2,4,6-Trichlorophenol
Concen: 42.229 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

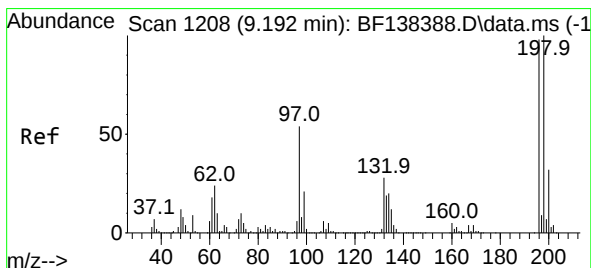
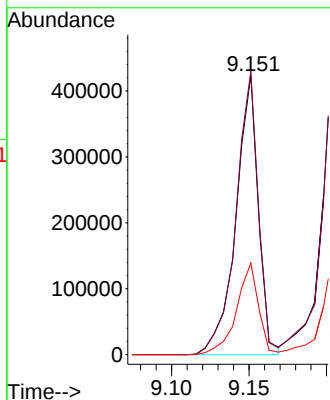
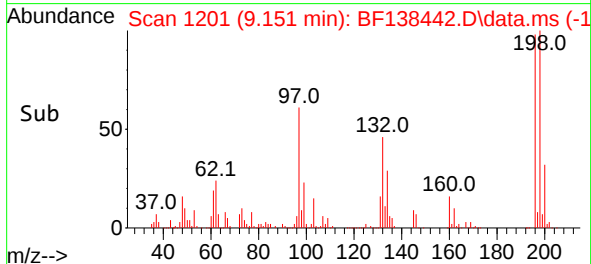
Instrument :
BNA_F
ClientSampleId :
PB161765BS



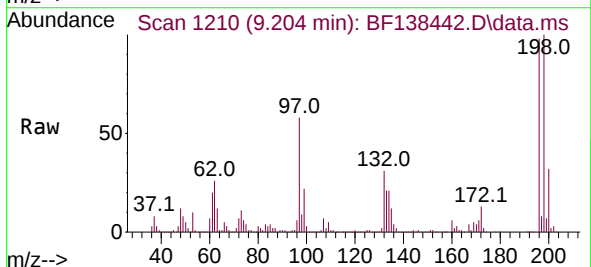
Tgt Ion:196 Resp: 424590
Ion Ratio Lower Upper
196 100
198 101.6 81.8 122.8
200 32.8 26.2 39.4

Manual Integrations
APPROVED

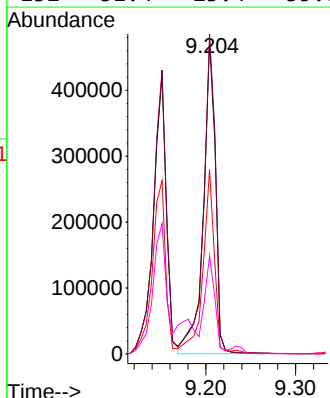
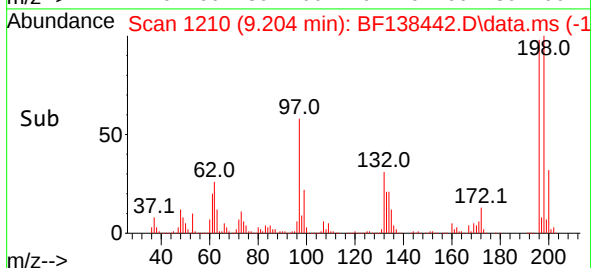
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

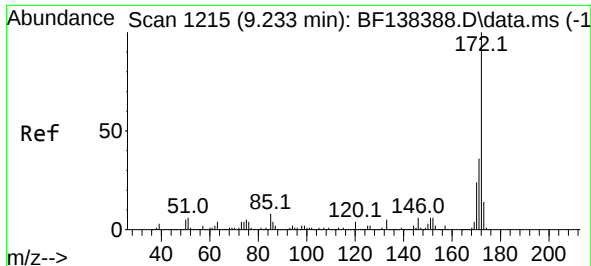


#44
2,4,5-Trichlorophenol
Concen: 40.630 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.012 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09



Tgt Ion:196 Resp: 444280
Ion Ratio Lower Upper
196 100
198 102.3 81.8 122.6
97 58.9 44.2 66.4
132 31.4 23.4 35.0





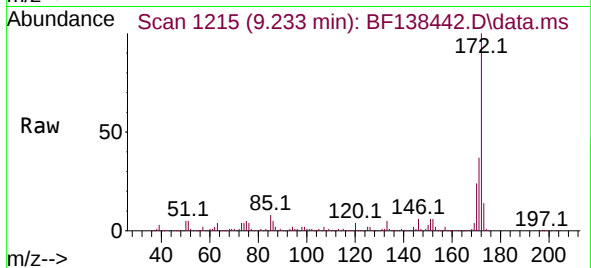
#45
2-Fluorobiphenyl
Concen: 71.136 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS

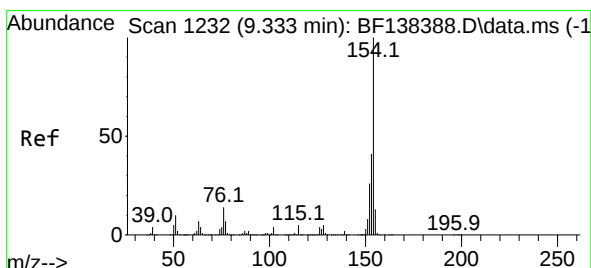
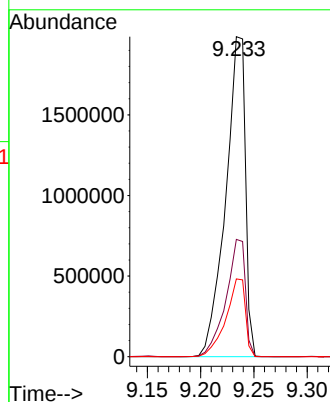
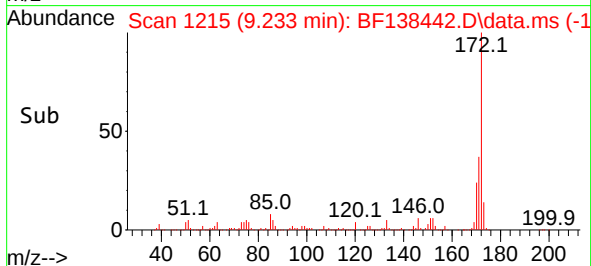


Tgt Ion:172 Resp: 2553480
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 24.3 19.0 28.6

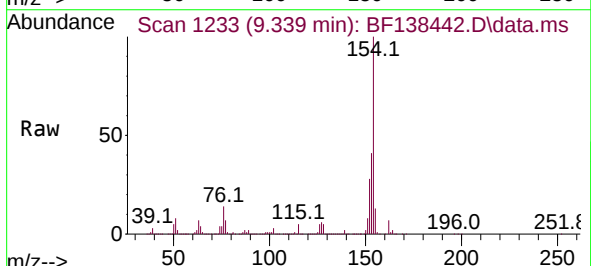
Manual Integrations

APPROVED

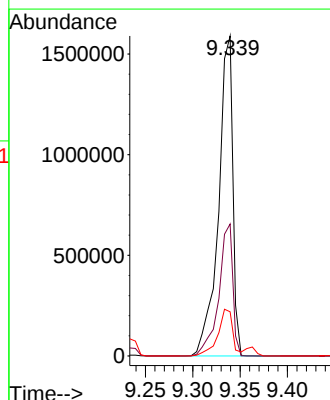
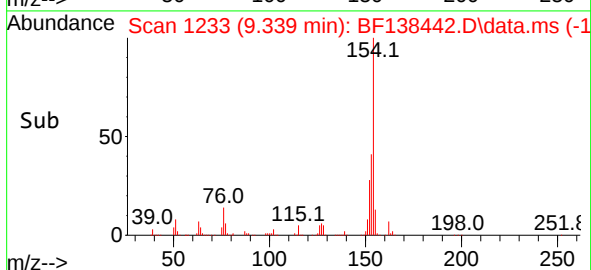
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

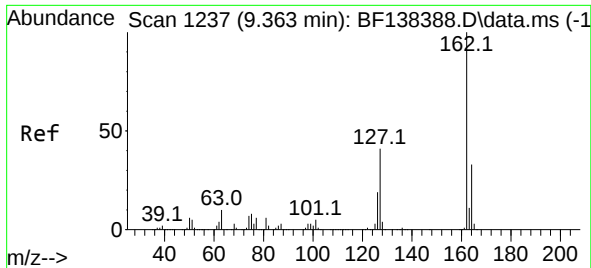


#46
1,1'-Biphenyl
Concen: 39.165 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09



Tgt Ion:154 Resp: 1670556
Ion Ratio Lower Upper
154 100
153 41.3 20.5 60.5
76 13.8 0.0 34.4





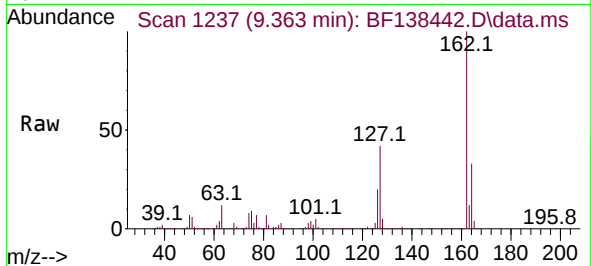
#47
2-Chloronaphthalene
Concen: 39.180 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS



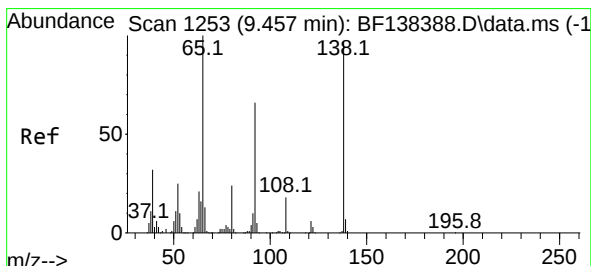
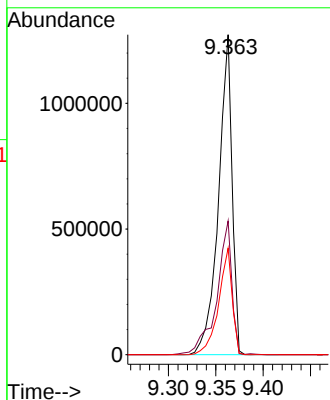
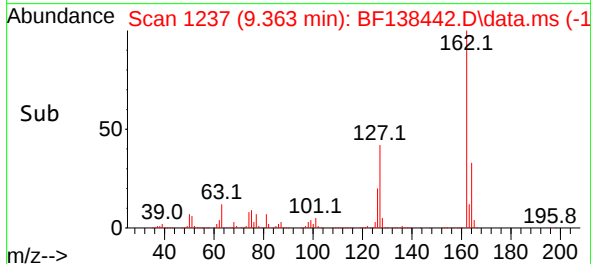
Tgt Ion:162 Resp: 1274189
Ion Ratio Lower Upper
162 100
127 41.8 32.7 49.1
164 33.3 26.6 40.0

Manual Integrations

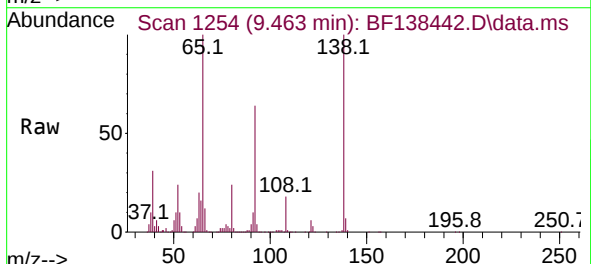
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

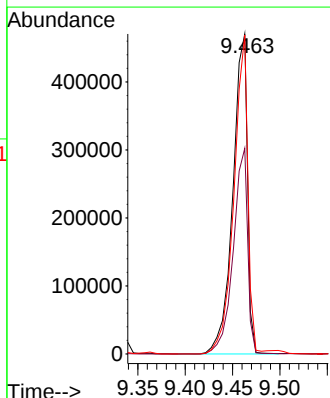
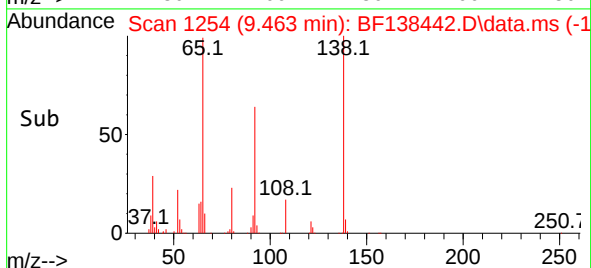
Supervised By :mohammad ahmed 07/05/2024

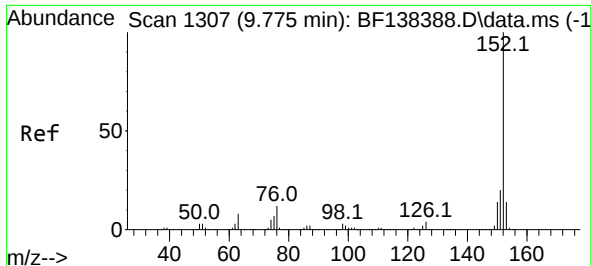


#48
2-Nitroaniline
Concen: 47.892 ng
RT: 9.463 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09



Tgt Ion: 65 Resp: 502412
Ion Ratio Lower Upper
65 100
92 64.2 52.6 79.0
138 99.7 77.4 116.0





#49
Acenaphthylene
Concen: 42.611 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS

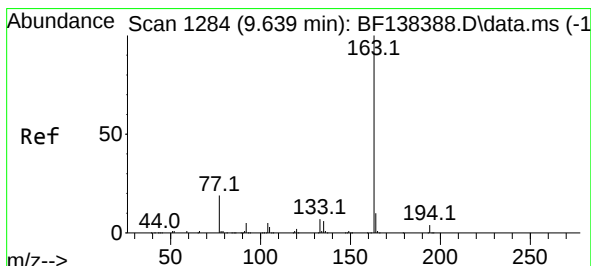
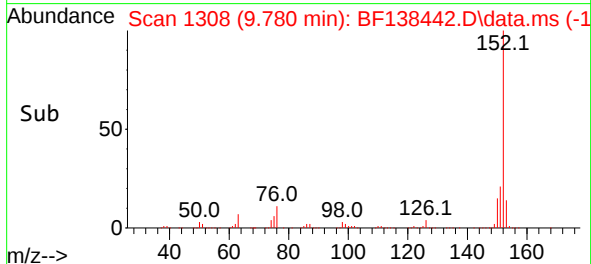
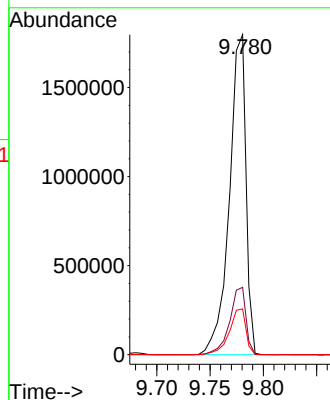
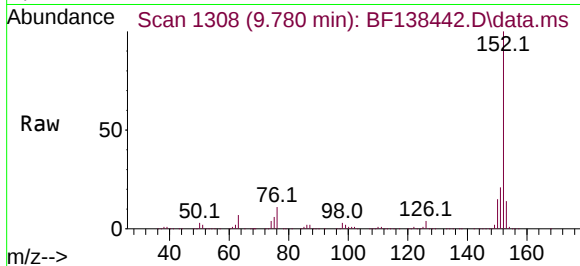
Tgt Ion:152 Resp: 194894
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.4
153 14.3 11.4 17.2

Manual Integrations

APPROVED

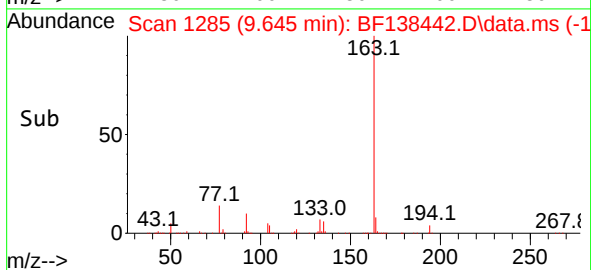
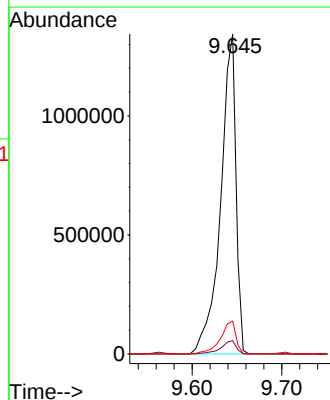
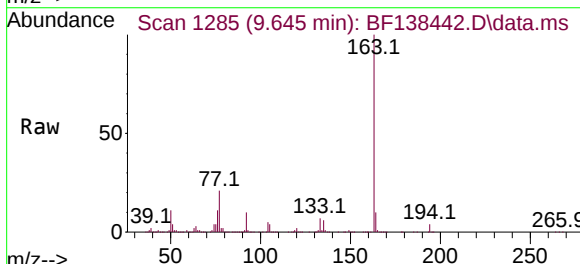
Reviewed By :Yogesh Patel 07/05/2024

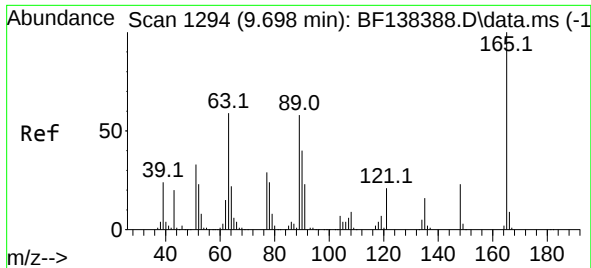
Supervised By :mohammad ahmed 07/05/2024



#50
Dimethylphthalate
Concen: 43.335 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion:163 Resp: 1591022
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 42.513 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

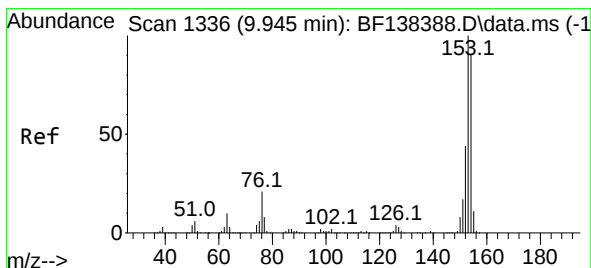
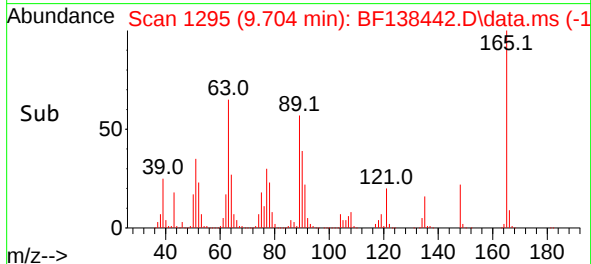
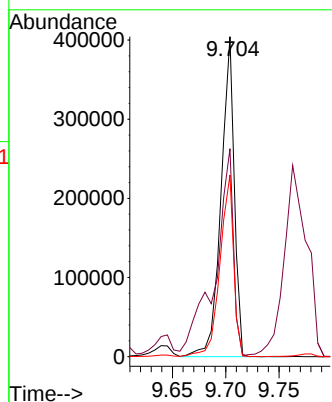
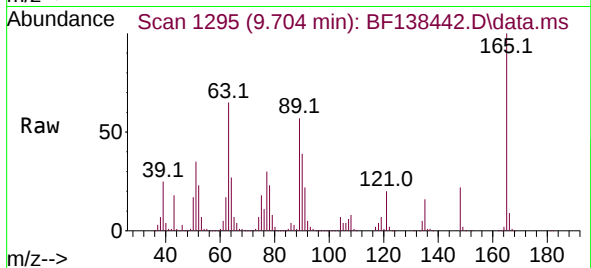
ClientSampleId :

PB161765BS

Tgt Ion:165 Resp: 349569
Ion Ratio Lower Upper
165 100
63 65.0 53.8 80.8
89 56.8 46.4 69.6

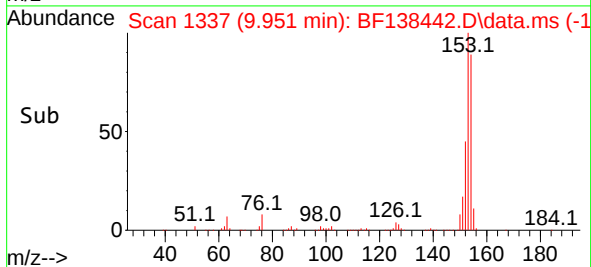
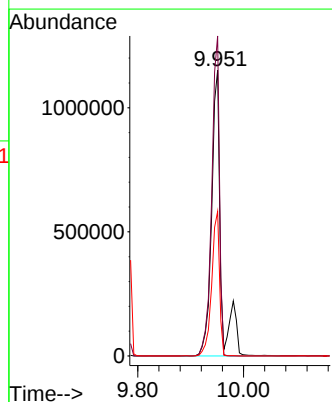
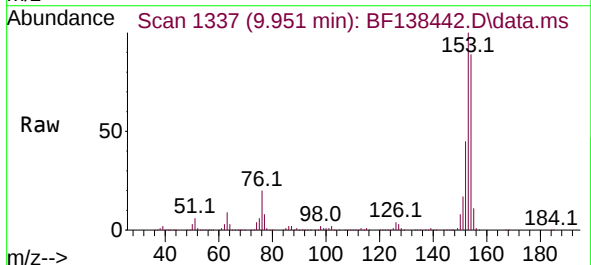
Manual Integrations
APPROVED

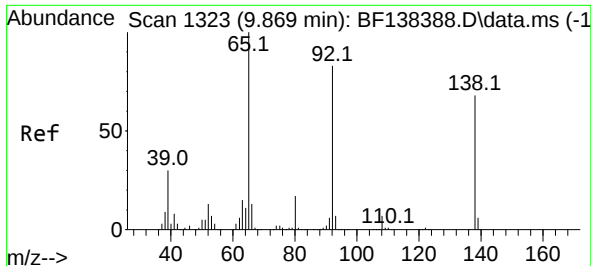
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#52
Acenaphthene
Concen: 45.369 ng m
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion:154 Resp: 1420867
Ion Ratio Lower Upper
154 100
153 112.1 89.4 134.0
152 50.6 39.7 59.5





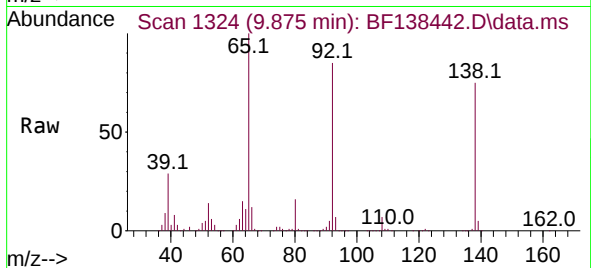
#53
3-Nitroaniline
Concen: 34.299 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS



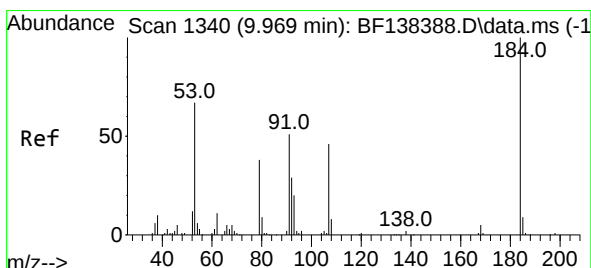
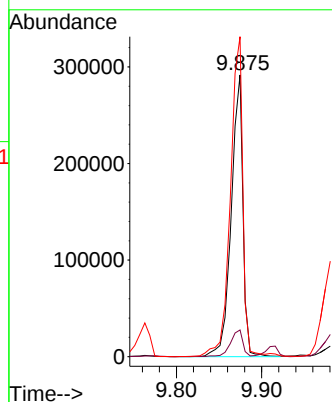
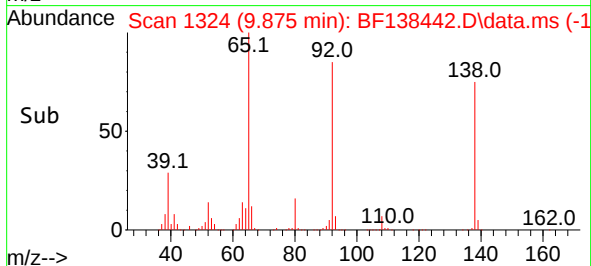
Tgt Ion:138 Resp: 27854
Ion Ratio Lower Upper
138 100
108 9.5 8.6 12.8
92 113.6 97.3 145.9

Manual Integrations

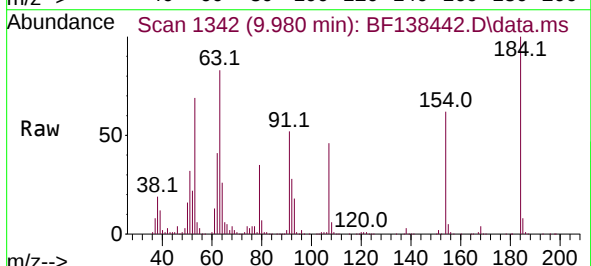
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

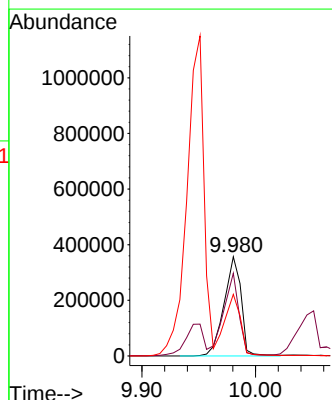
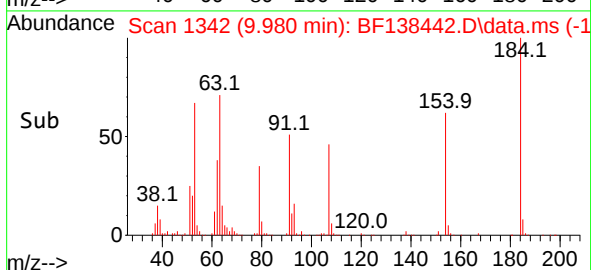
Supervised By :mohammad ahmed 07/05/2024

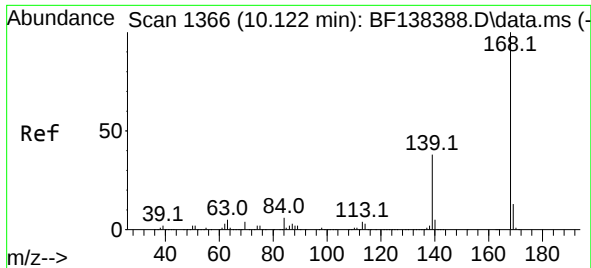


#54
2,4-Dinitrophenol
Concen: 104.110 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09



Tgt Ion:184 Resp: 372626
Ion Ratio Lower Upper
184 100
63 83.5 67.3 100.9
154 62.2 51.0 76.4





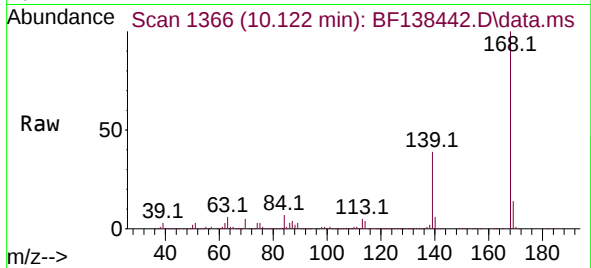
#55
Dibenzenofuran
Concen: 40.084 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS



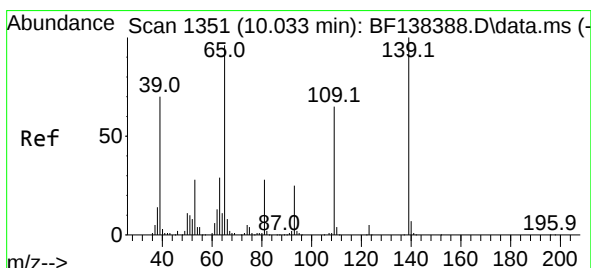
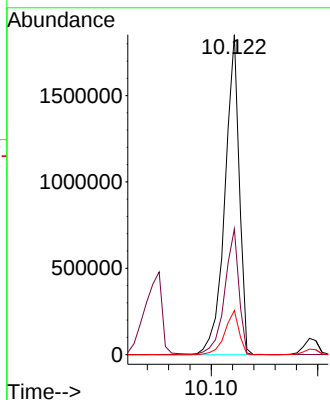
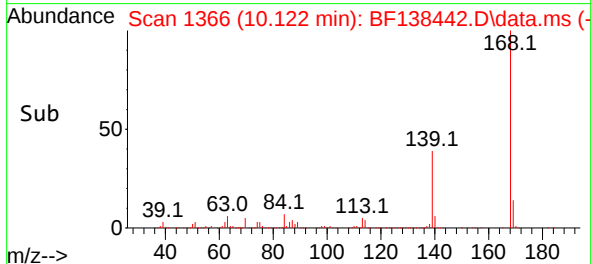
Tgt Ion:168 Resp: 1729669
Ion Ratio Lower Upper
168 100
139 39.3 30.4 45.6
169 13.8 10.7 16.1

Manual Integrations

APPROVED

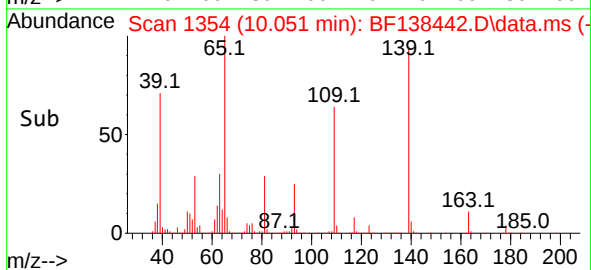
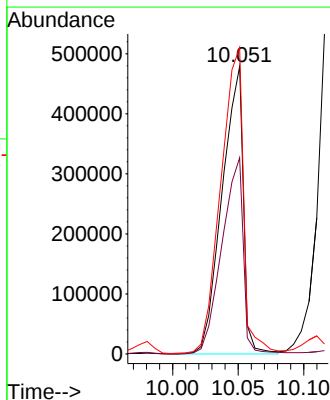
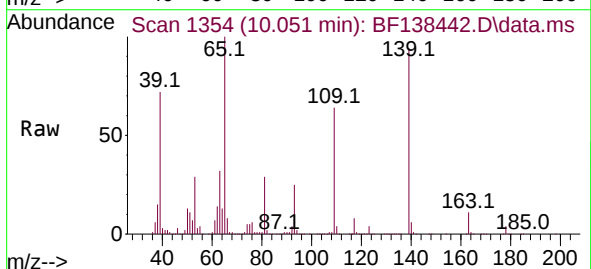
Reviewed By :Yogesh Patel 07/05/2024

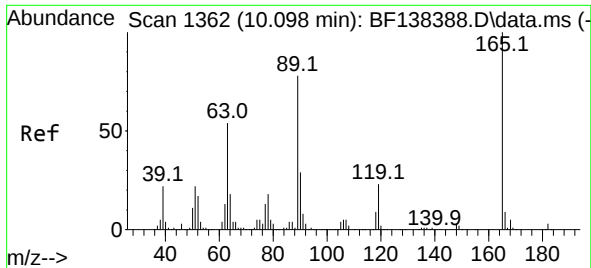
Supervised By :mohammad ahmed 07/05/2024



#56
4-Nitrophenol
Concen: 102.023 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.018 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion:139 Resp: 537203
Ion Ratio Lower Upper
139 100
109 68.2 44.6 84.6
65 106.6 75.9 115.9





#57
2,4-Dinitrotoluene
Concen: 44.021 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

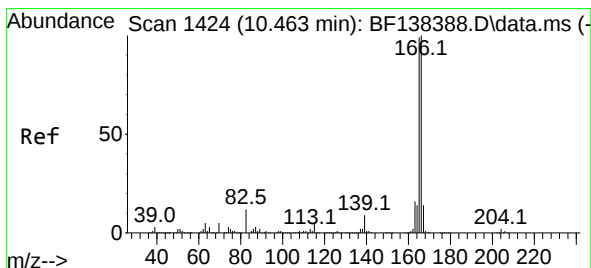
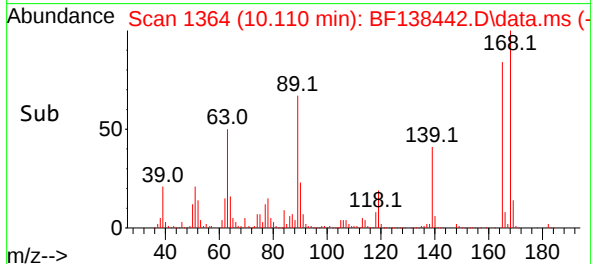
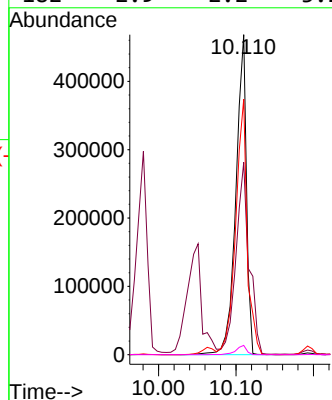
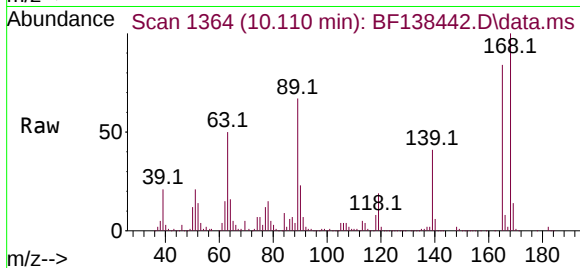
PB161765BS

Tgt Ion:165 Resp: 44568
Ion Ratio Lower Upper
165 100
63 60.1 43.4 65.2
89 79.9 62.6 93.8
182 2.9 2.2 3.2

Manual Integrations

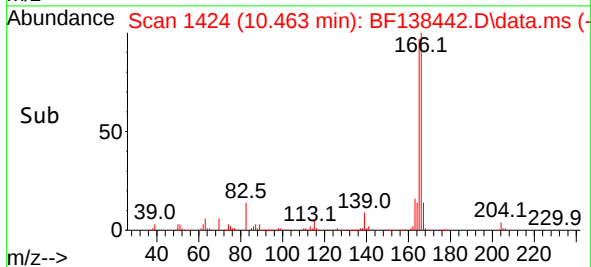
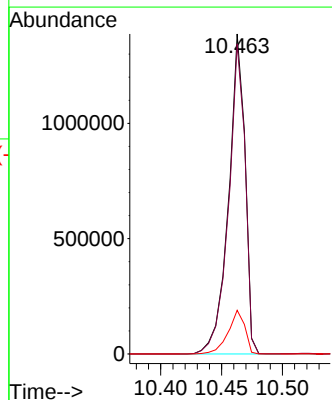
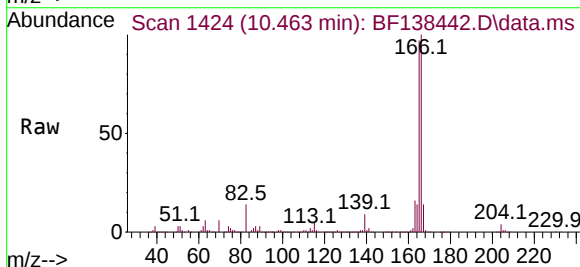
APPROVED

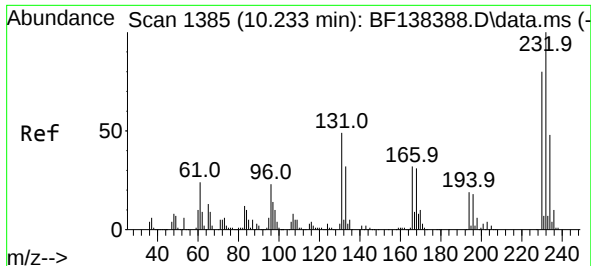
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#58
Fluorene
Concen: 38.204 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion:166 Resp: 1309922
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.6
167 13.7 10.8 16.2





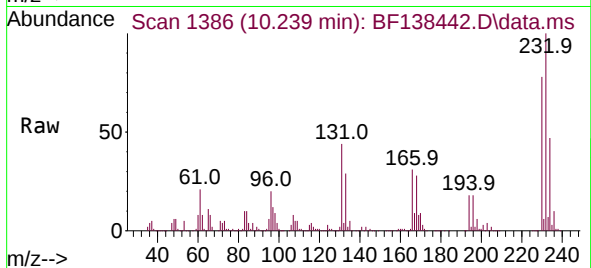
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.242 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS



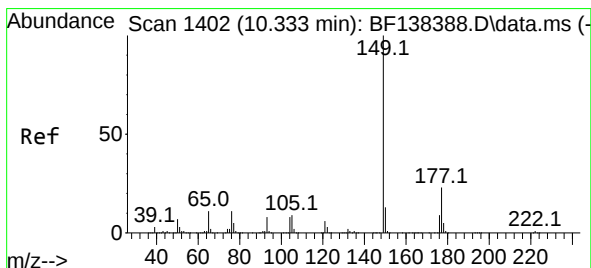
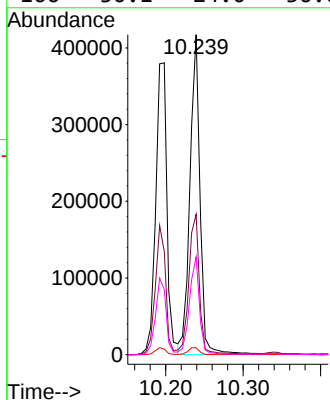
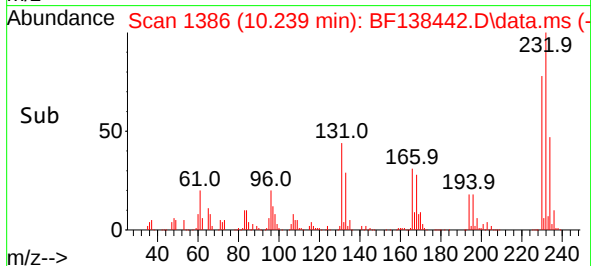
Tgt Ion:232 Resp: 375578
Ion Ratio Lower Upper
232 100
131 46.0 36.6 55.0
130 2.4 1.8 2.8
166 30.1 24.0 36.0

Manual Integrations

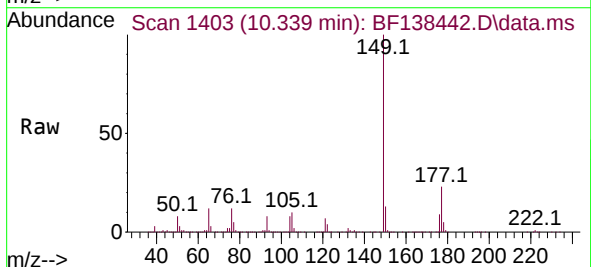
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

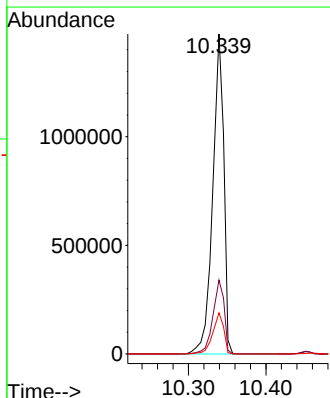
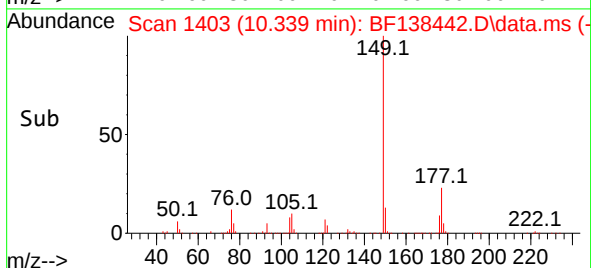
Supervised By :mohammad ahmed 07/05/2024

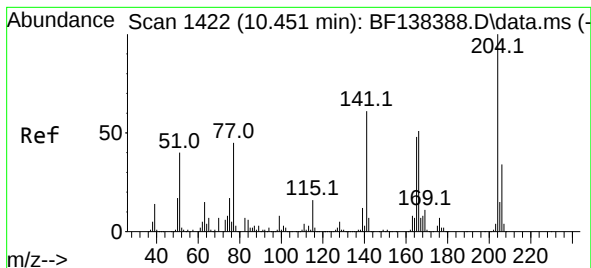


#60
Diethylphthalate
Concen: 42.642 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09



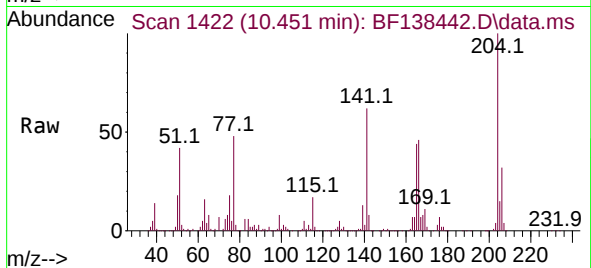
Tgt Ion:149 Resp: 1463737
Ion Ratio Lower Upper
149 100
177 23.1 18.4 27.6
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.555 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

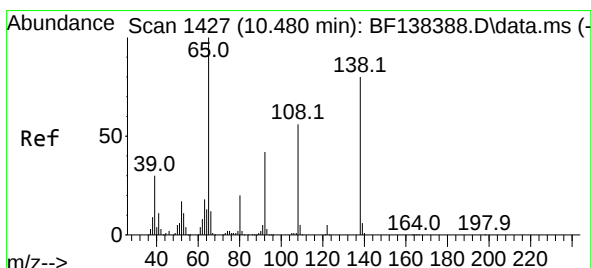
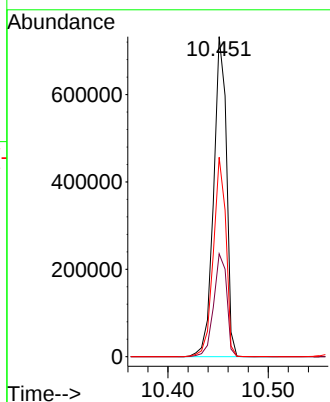
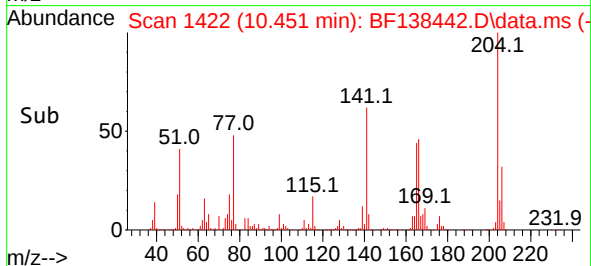
Instrument :
BNA_F
ClientSampleId :
PB161765BS



Tgt Ion:204 Resp: 65331
Ion Ratio Lower Upper
204 100
206 32.1 27.1 40.7
141 62.3 48.4 72.6

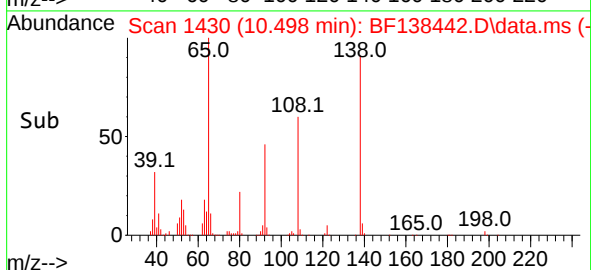
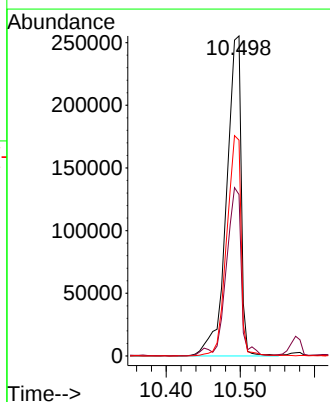
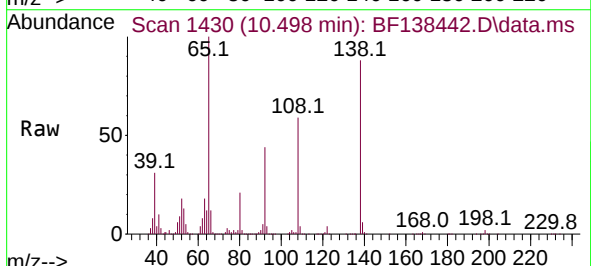
Manual Integrations
APPROVED

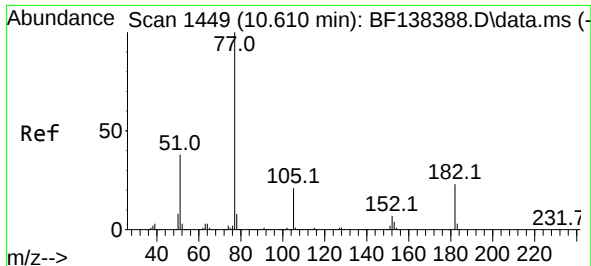
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#62
4-Nitroaniline
Concen: 46.933 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.018 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion:138 Resp: 349840
Ion Ratio Lower Upper
138 100
92 50.5 32.6 72.6
108 67.5 50.3 90.3





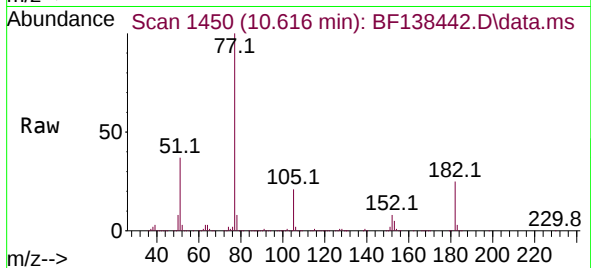
#63
Azobenzene
Concen: 44.007 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS



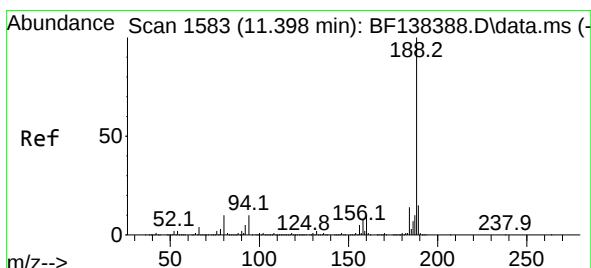
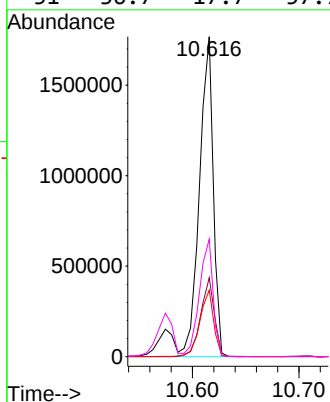
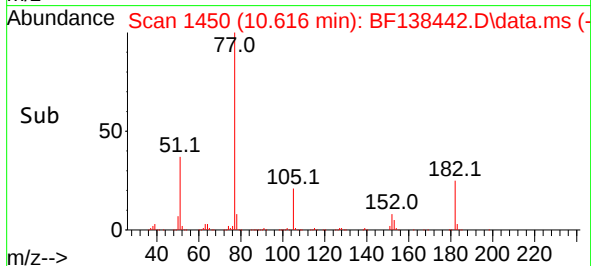
Tgt Ion: 77 Resp: 159530
Ion Ratio Lower Upper
77 100
182 24.7 2.7 42.7
105 20.8 0.6 40.6
51 36.7 17.7 57.7

Manual Integrations

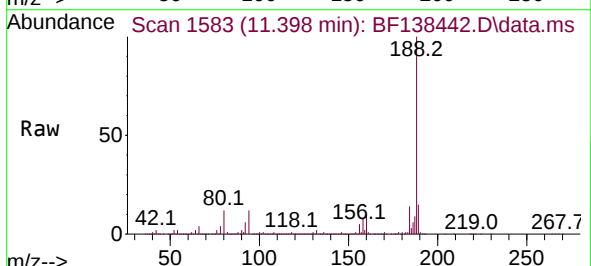
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

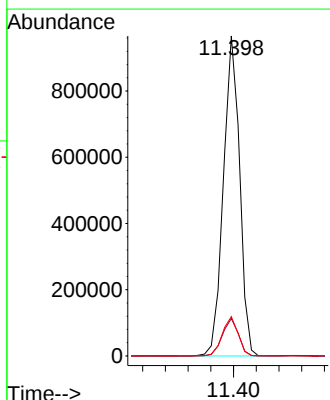
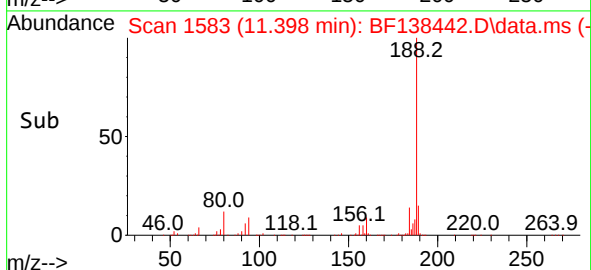
Supervised By :mohammad ahmed 07/05/2024

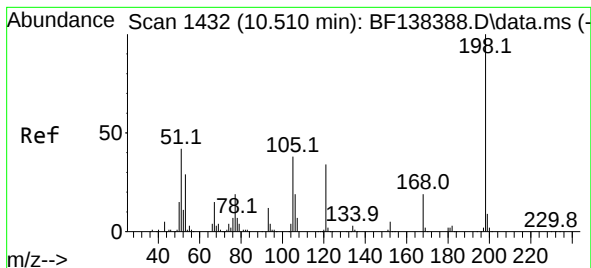


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09



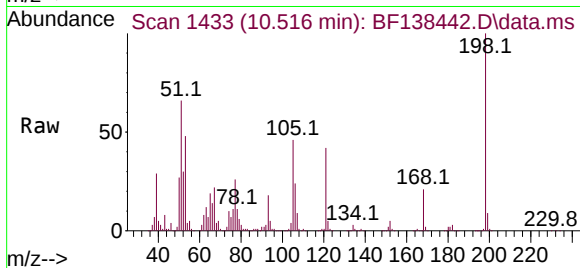
Tgt Ion:188 Resp: 960000
Ion Ratio Lower Upper
188 100
94 11.7 8.0 12.0
80 12.3 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 50.905 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

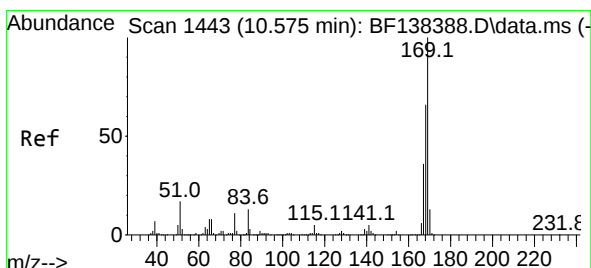
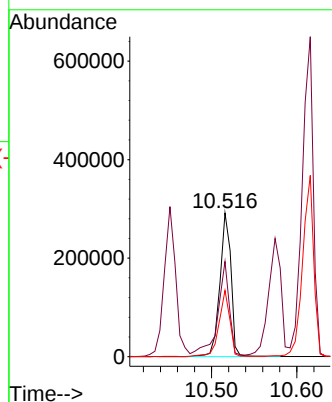
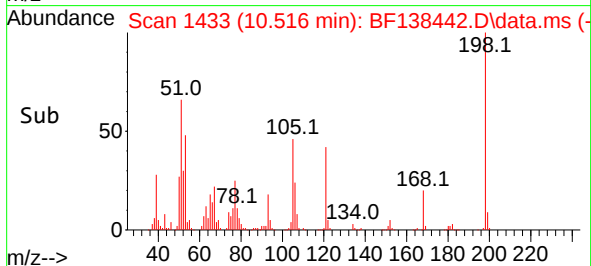
Instrument :
BNA_F
ClientSampleId :
PB161765BS



Tgt Ion:198 Resp: 263714
Ion Ratio Lower Upper
198 100
51 66.3 27.9 67.9
105 46.1 18.2 58.2

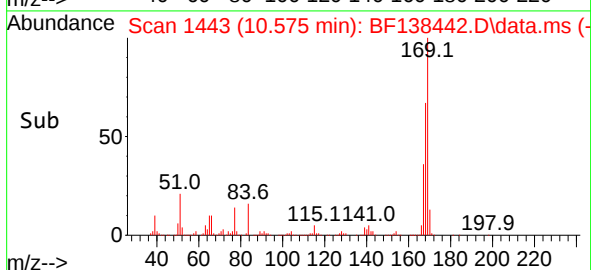
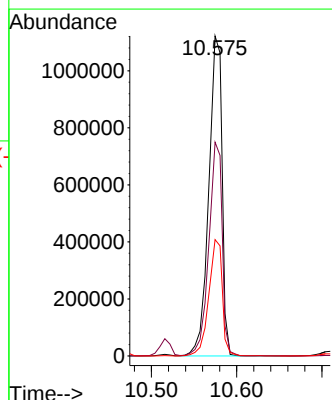
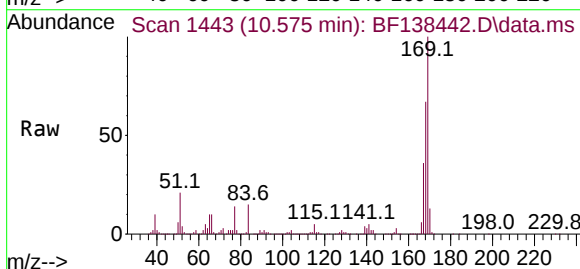
Manual Integrations
APPROVED

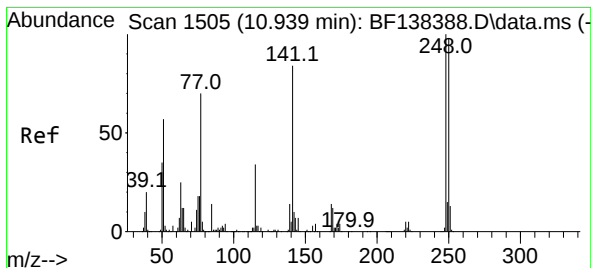
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#66
n-Nitrosodiphenylamine
Concen: 40.742 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion:169 Resp: 1214233
Ion Ratio Lower Upper
169 100
168 66.8 52.5 78.7
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 39.429 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

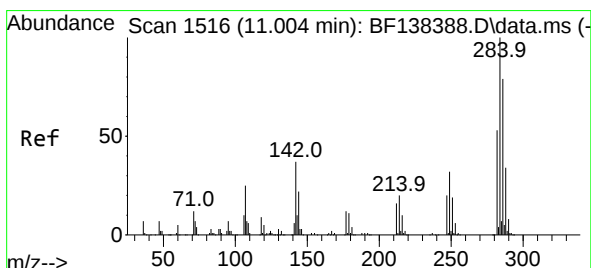
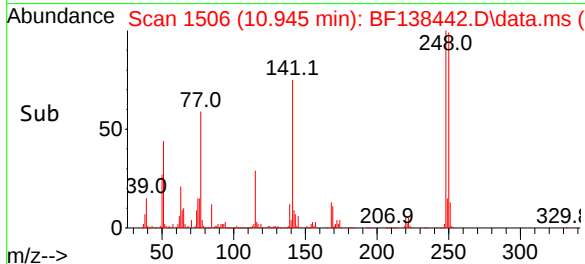
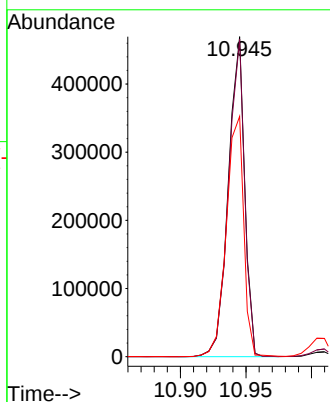
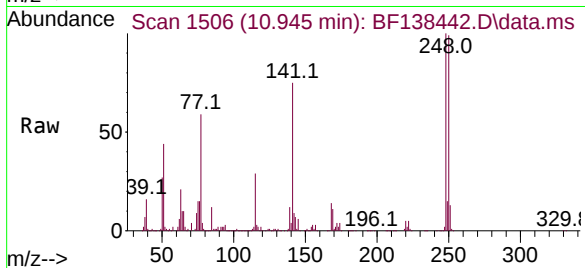
ClientSampleId :

PB161765BS

Tgt Ion:248 Resp: 406854
Ion Ratio Lower Upper
248 100
250 99.2 78.2 117.4
141 75.1 67.6 101.4

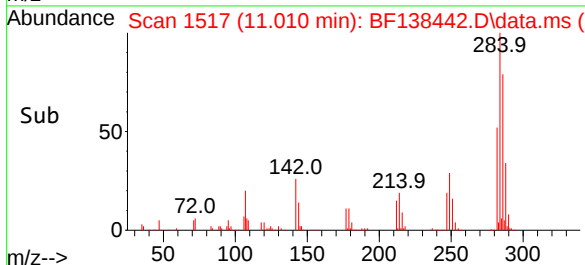
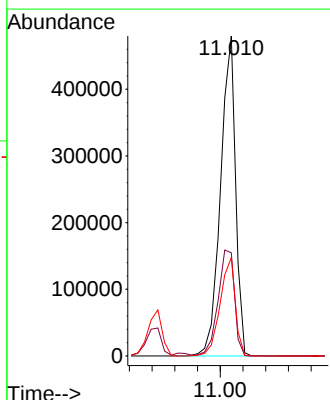
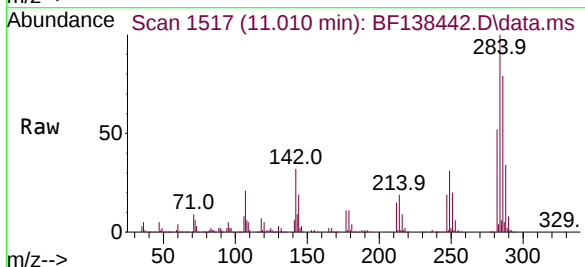
Manual Integrations
APPROVED

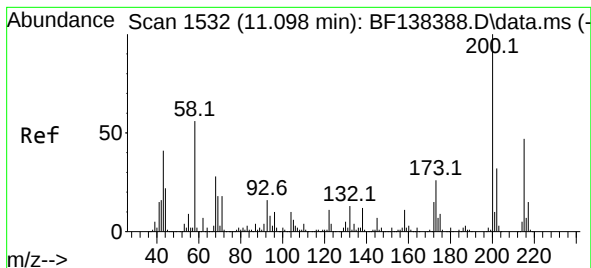
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#68
Hexachlorobenzene
Concen: 38.813 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion:284 Resp: 441439
Ion Ratio Lower Upper
284 100
142 32.2 29.2 43.8
249 30.7 25.8 38.6





#69

Atrazine

Concen: 43.711 ng

RT: 11.104 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF138442.D

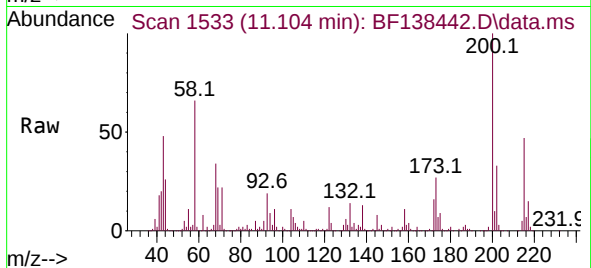
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS



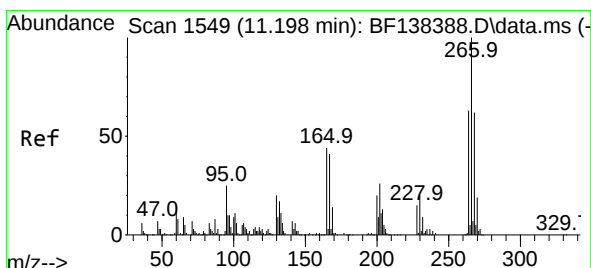
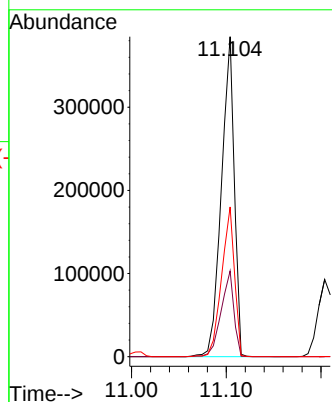
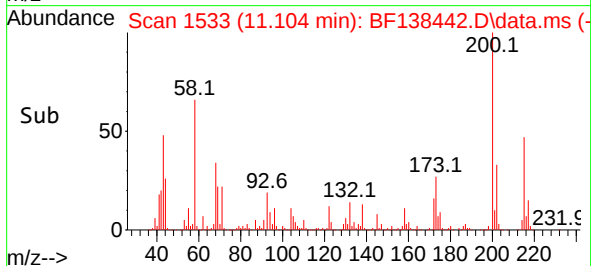
Tgt Ion:200 Resp: 365258
Ion Ratio Lower Upper
200 100
173 26.8 6.2 46.2
215 46.8 27.4 67.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#70

Pentachlorophenol

Concen: 90.349 ng

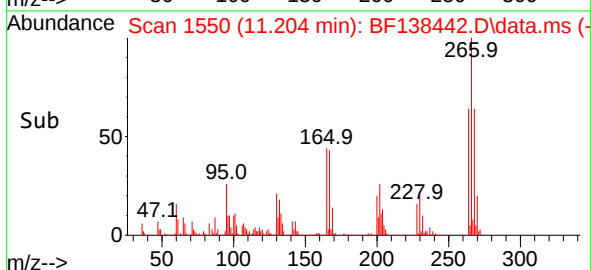
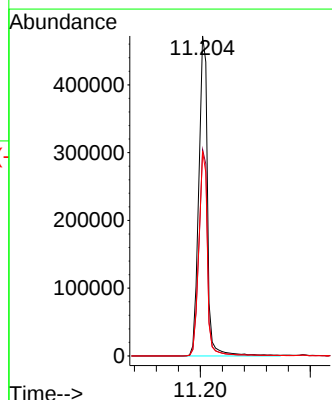
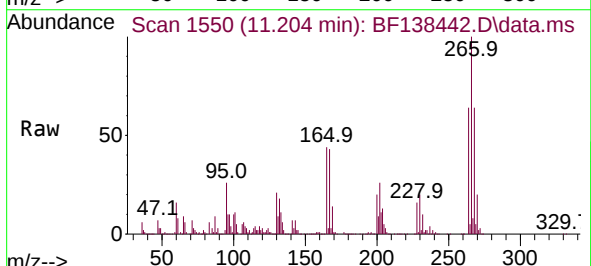
RT: 11.204 min Scan# 1550

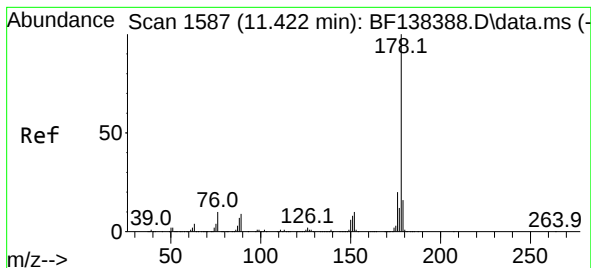
Delta R.T. 0.006 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

Tgt Ion:266 Resp: 521539
Ion Ratio Lower Upper
266 100
268 64.5 49.9 74.9
264 63.9 50.0 75.0





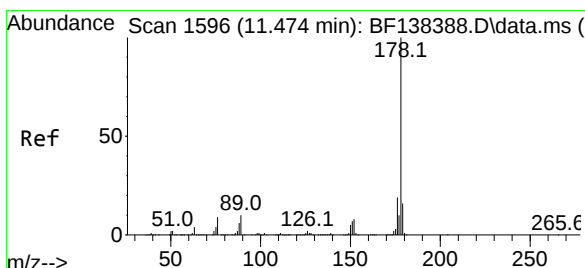
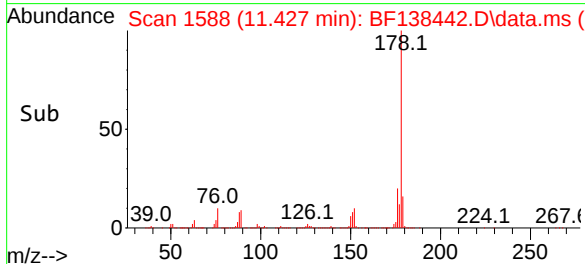
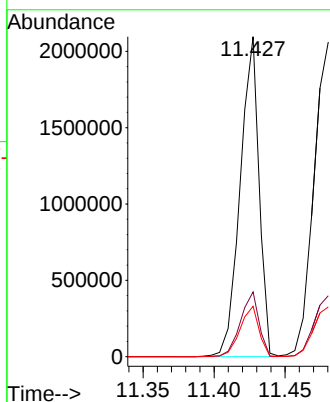
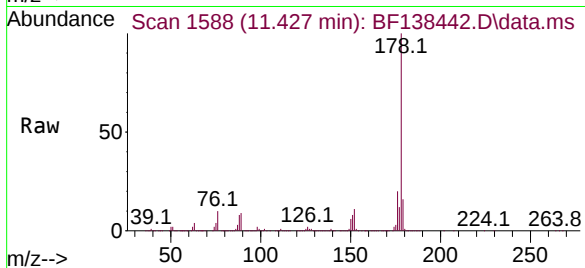
#71
Phenanthrene
Concen: 41.469 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :
BNA_F
ClientSampleId :
PB161765BS

Tgt Ion:178 Resp: 1943711
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 15.7 12.6 18.8

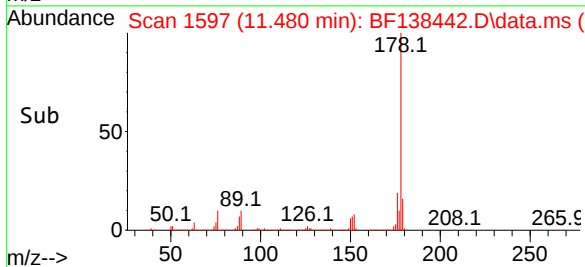
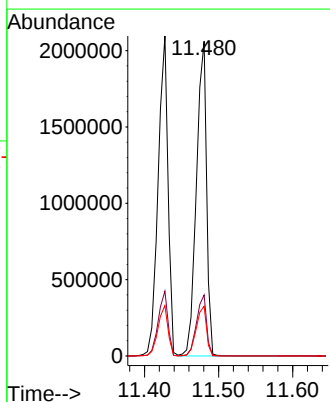
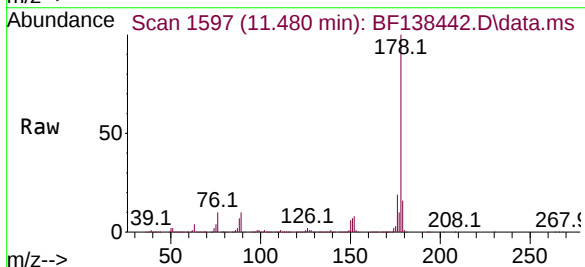
Manual Integrations
APPROVED

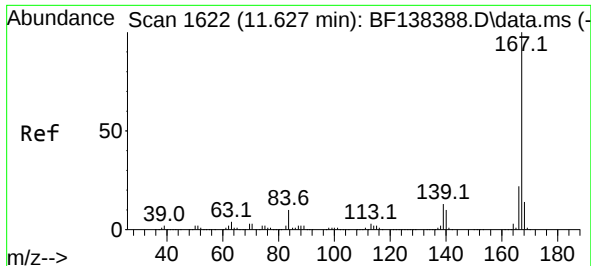
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#72
Anthracene
Concen: 41.978 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

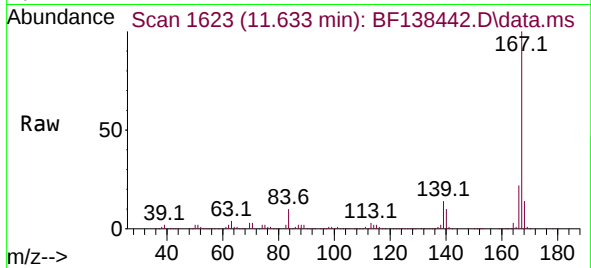
Tgt Ion:178 Resp: 1962189
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.6
179 15.8 12.7 19.1





#73
 Carbazole
 Concen: 43.321 ng
 RT: 11.633 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF138442.D
 Acq: 03 Jul 2024 13:09

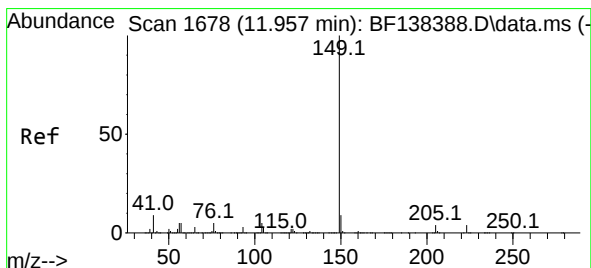
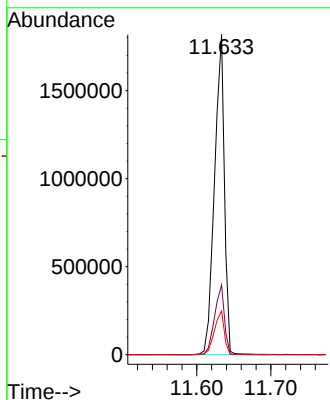
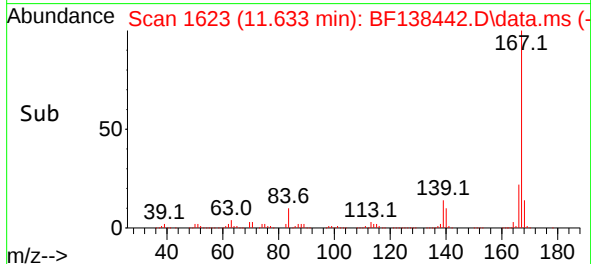
Instrument :
 BNA_F
 ClientSampleId :
 PB161765BS



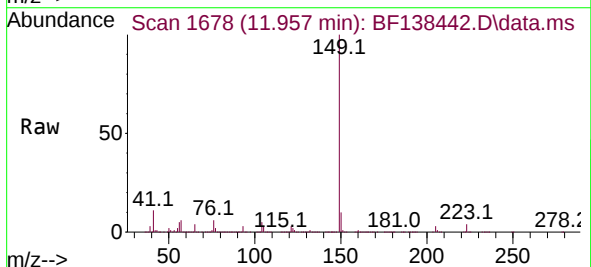
Tgt Ion:167 Resp: 1681162
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 13.6 10.7 16.1

Manual Integrations
 APPROVED

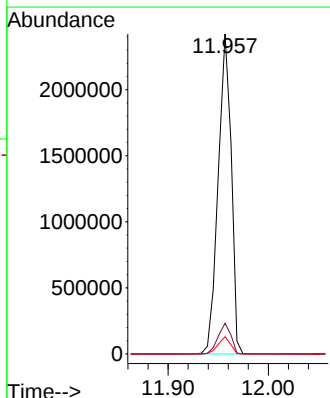
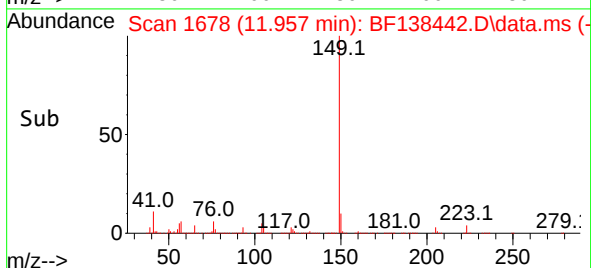
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

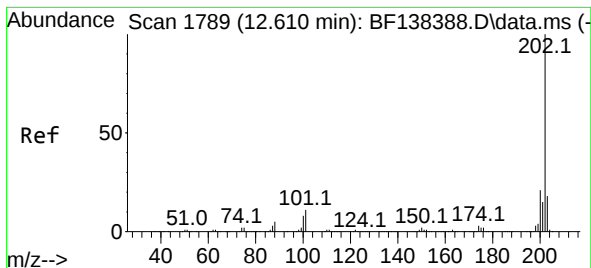


#74
 Di-n-butylphthalate
 Concen: 44.419 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF138442.D
 Acq: 03 Jul 2024 13:09



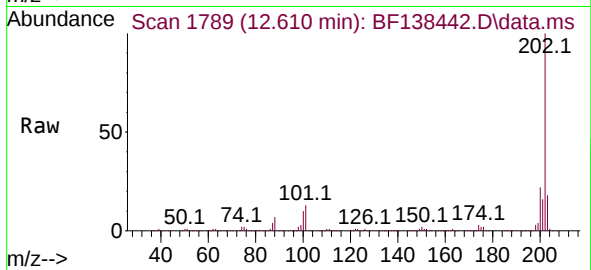
Tgt Ion:149 Resp: 2184535
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 5.4 3.8 5.8





#75
Fluoranthene
Concen: 43.990 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

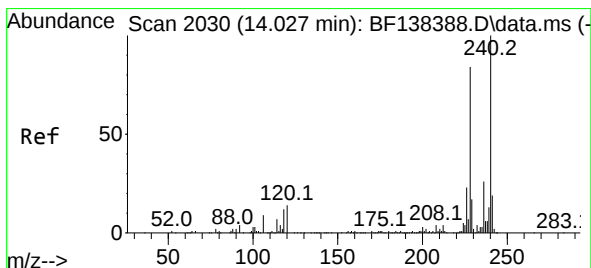
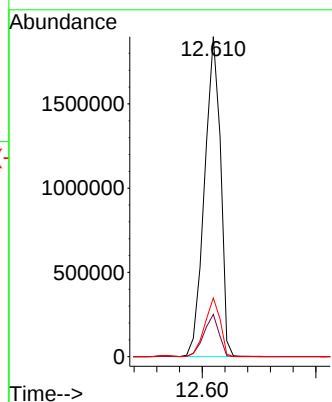
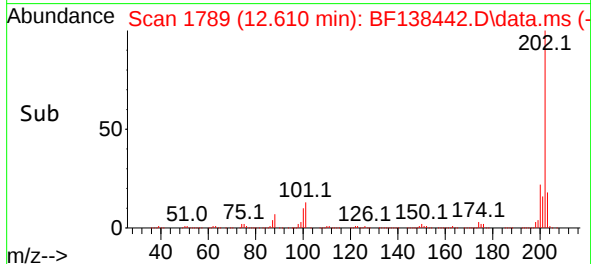
Instrument :
BNA_F
ClientSampleId :
PB161765BS



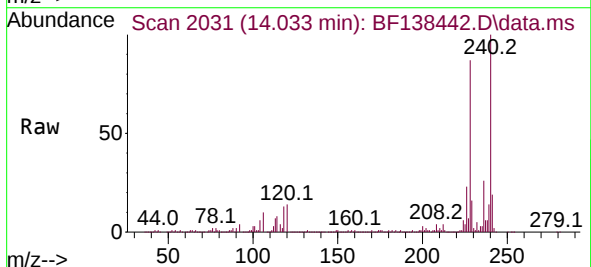
Tgt Ion:202 Resp: 184849
Ion Ratio Lower Upper
202 100
101 13.2 0.0 30.5
203 18.3 0.0 37.6

Manual Integrations
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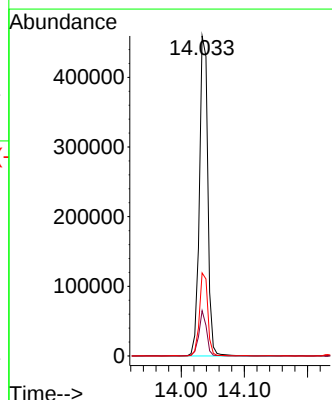
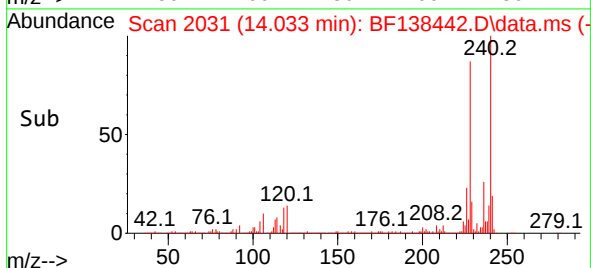
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

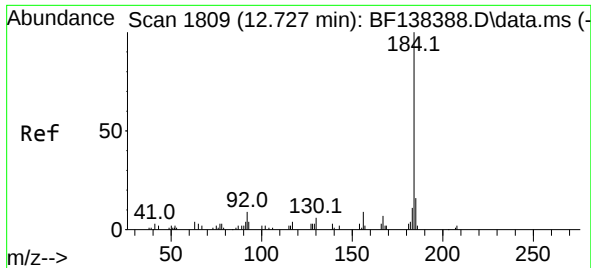


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09



Tgt Ion:240 Resp: 422344
Ion Ratio Lower Upper
240 100
120 14.1 10.9 16.3
236 26.0 20.6 30.8





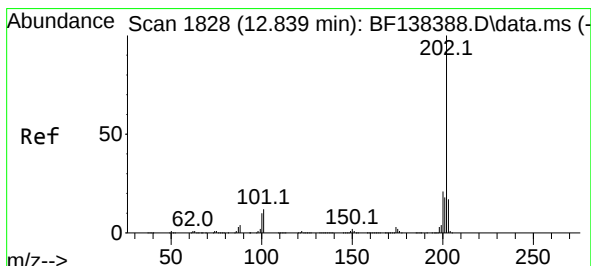
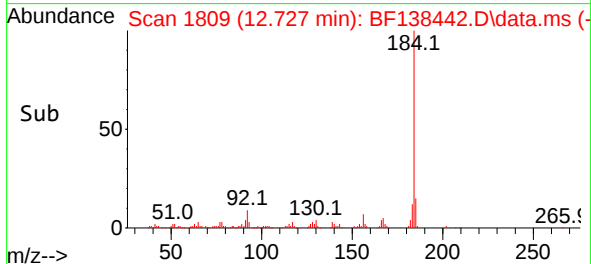
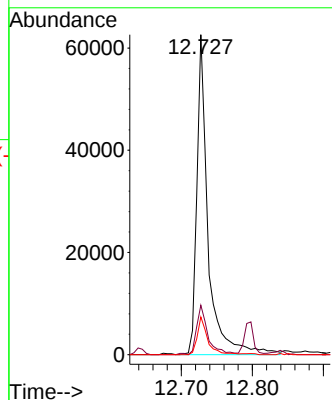
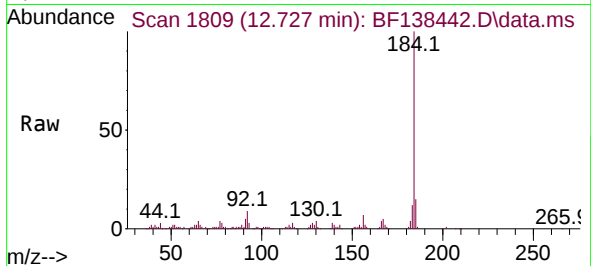
#77
Benzidine
Concen: 20.400 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :
BNA_F
ClientSampleId :
PB161765BS

Tgt Ion:184 Resp: 6889
Ion Ratio Lower Upper
184 100
185 15.5 13.0 19.4
183 11.8 9.0 13.6

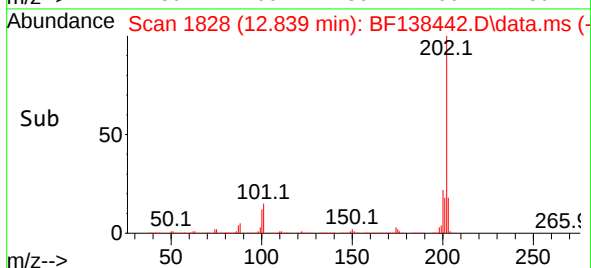
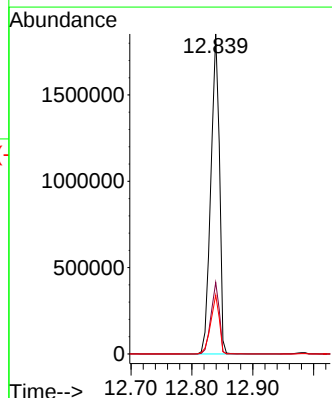
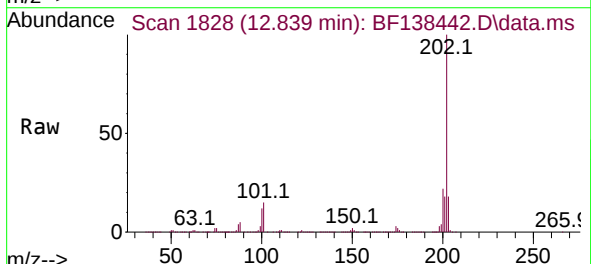
Manual Integrations
APPROVED

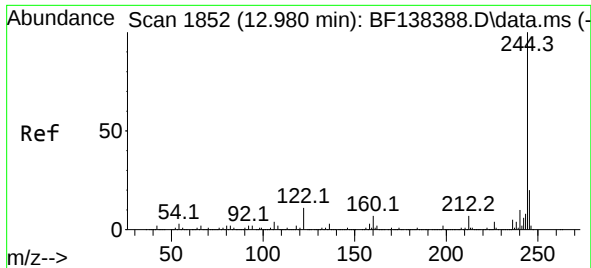
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#78
Pyrene
Concen: 40.202 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion:202 Resp: 1814723
Ion Ratio Lower Upper
202 100
200 22.4 16.9 25.3
203 18.4 13.8 20.8





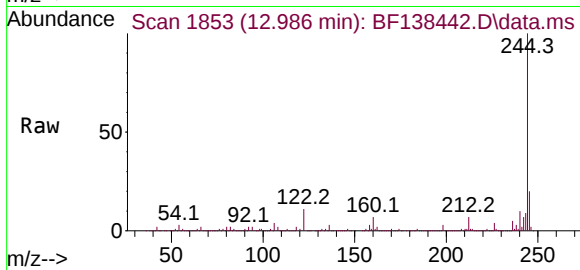
#79
 Terphenyl-d14
 Concen: 76.553 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: BF138442.D
 Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS



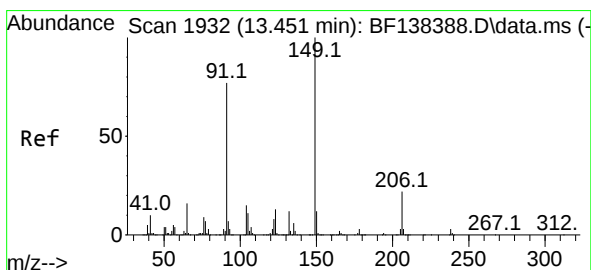
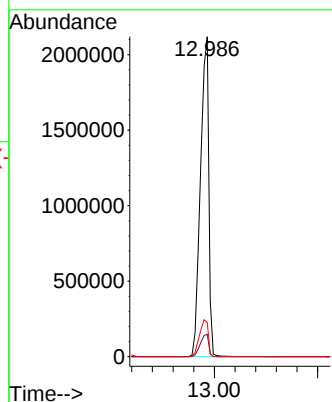
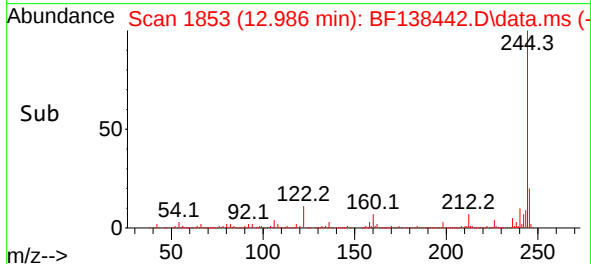
Tgt Ion:244 Resp: 235925
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.7 9.0 13.4

Manual Integrations

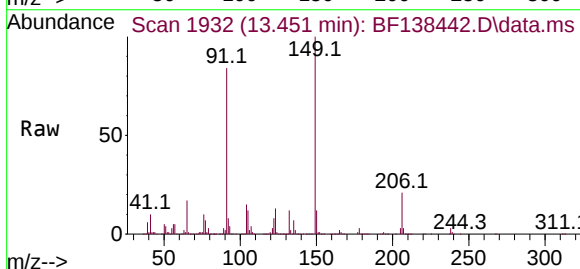
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

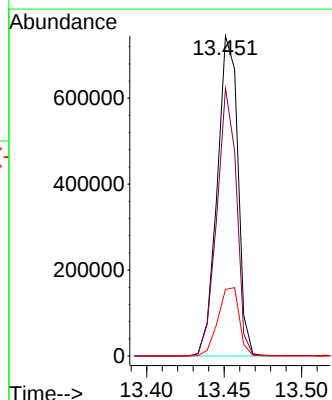
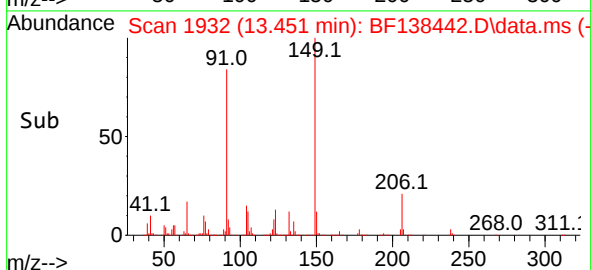
Supervised By :mohammad ahmed 07/05/2024

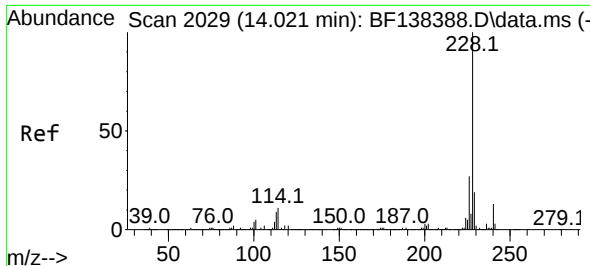


#80
 Butylbenzylphthalate
 Concen: 50.339 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BF138442.D
 Acq: 03 Jul 2024 13:09



Tgt Ion:149 Resp: 691447
 Ion Ratio Lower Upper
 149 100
 91 83.6 62.0 93.0
 206 20.8 17.6 26.4





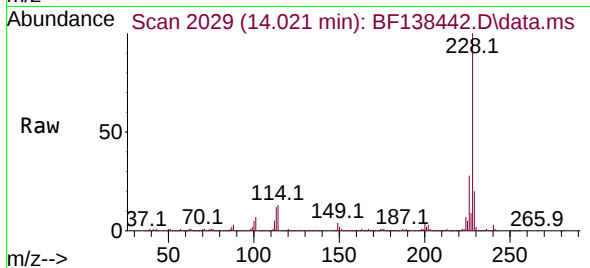
#81
Benzo(a)anthracene
Concen: 44.167 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS



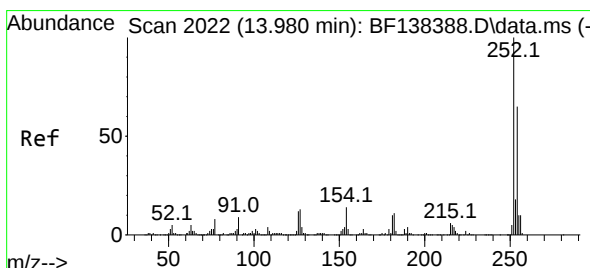
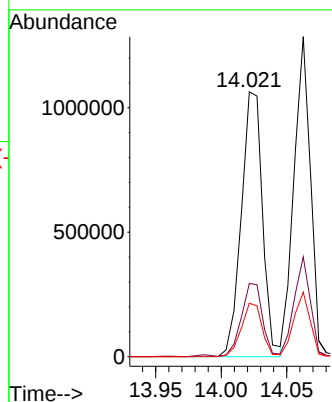
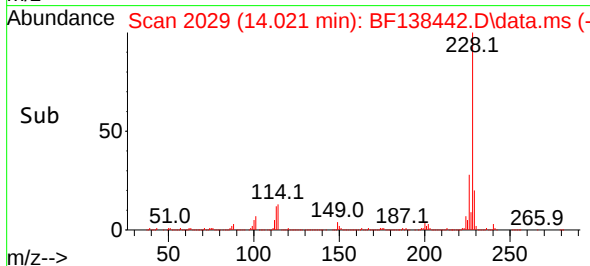
Tgt Ion:228 Resp: 120065
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.2 15.5 23.3

Manual Integrations

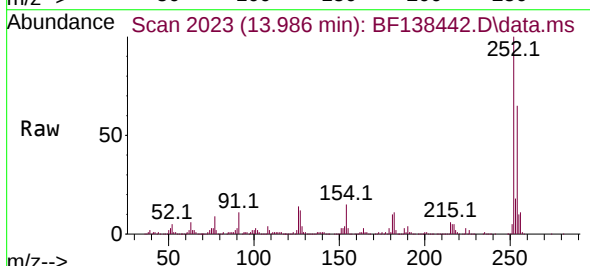
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

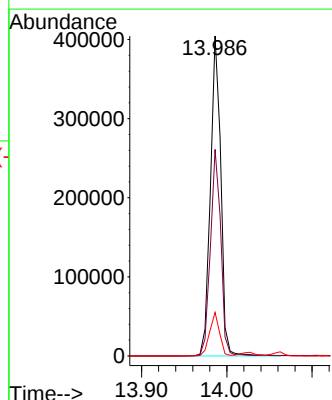
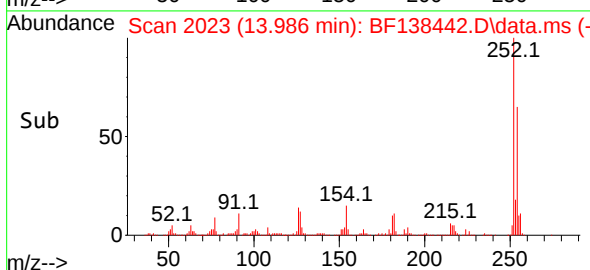
Supervised By :mohammad ahmed 07/05/2024

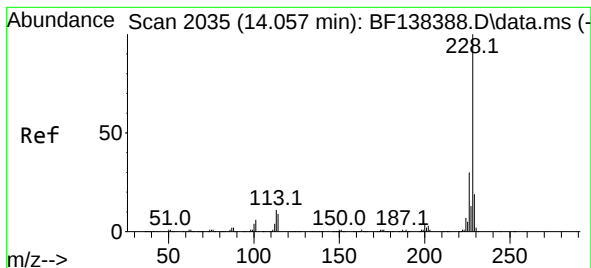


#82
3,3'-Dichlorobenzidine
Concen: 42.642 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09



Tgt Ion:252 Resp: 342241
Ion Ratio Lower Upper
252 100
254 64.5 51.8 77.6
126 13.6 9.5 14.3





#83

Chrysene

Concen: 42.940 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS

Tgt Ion:228 Resp: 113584

Ion Ratio Lower Upper

228 100

226 31.2 23.8 35.6

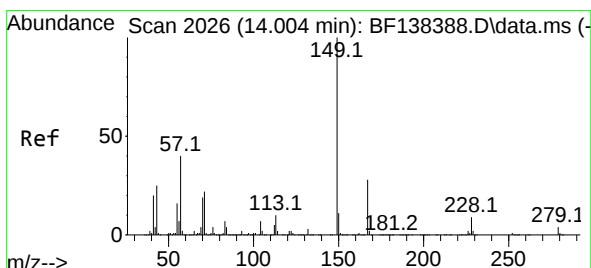
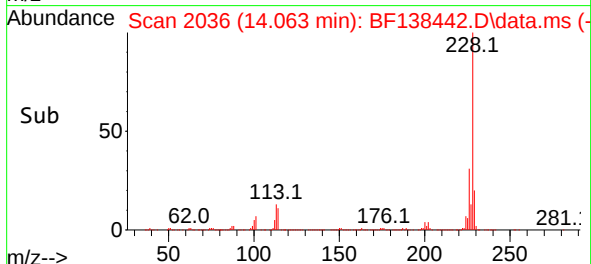
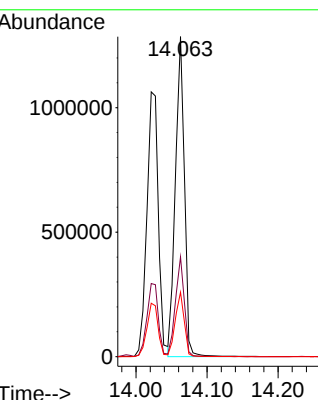
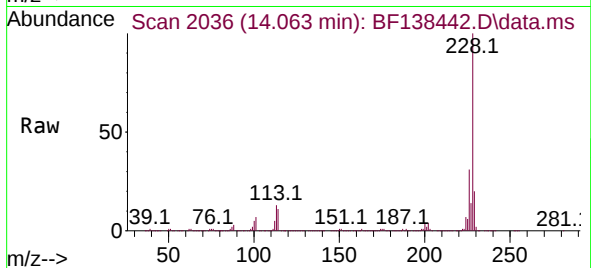
229 20.2 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.042 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

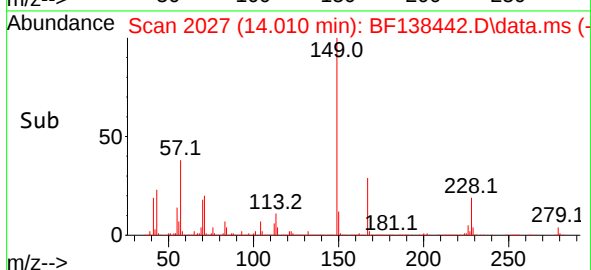
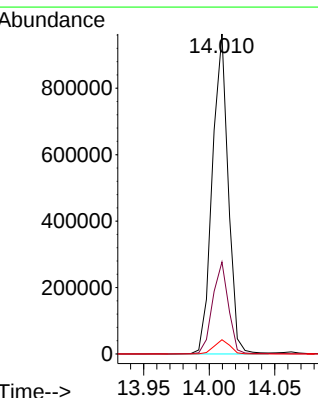
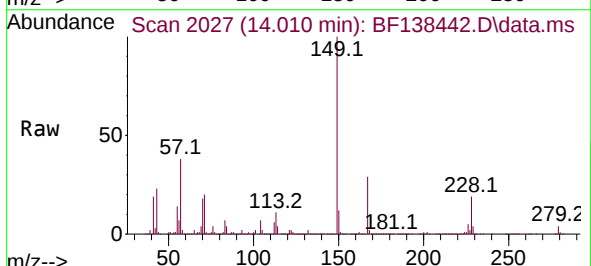
Tgt Ion:149 Resp: 810333

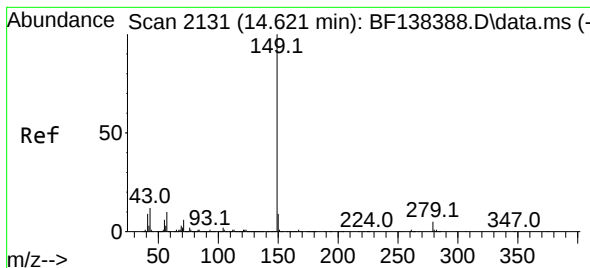
Ion Ratio Lower Upper

149 100

167 28.8 22.6 33.8

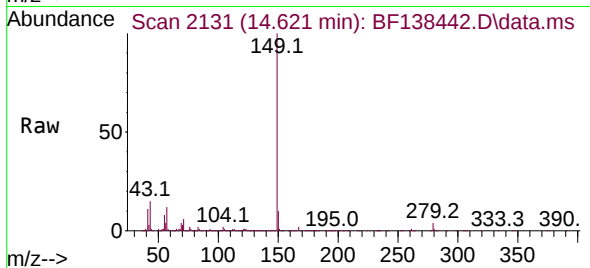
279 4.4 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 44.917 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

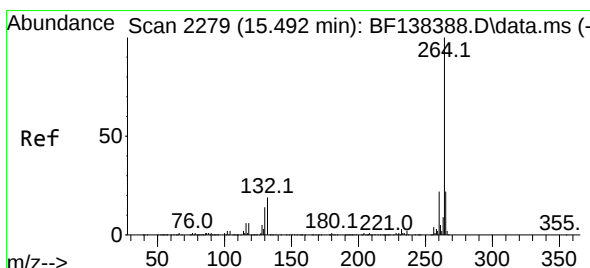
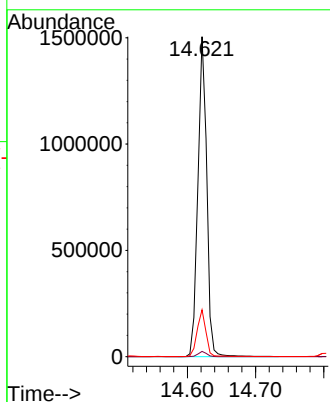
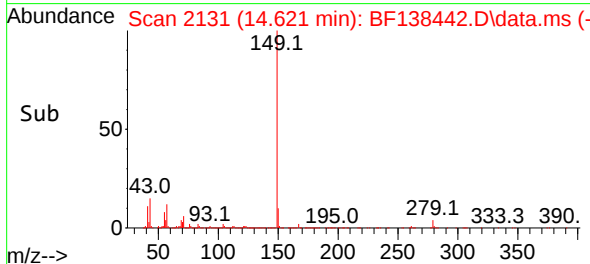
Instrument :
BNA_F
ClientSampleId :
PB161765BS



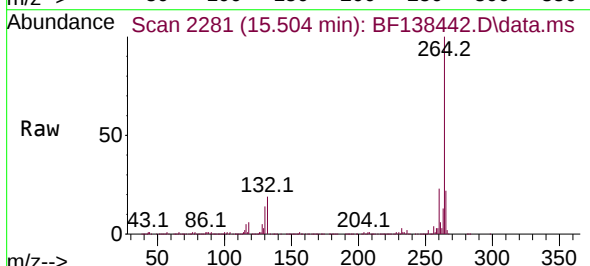
Tgt Ion:149 Resp: 1354309
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 14.4 10.9 16.3

Manual Integrations
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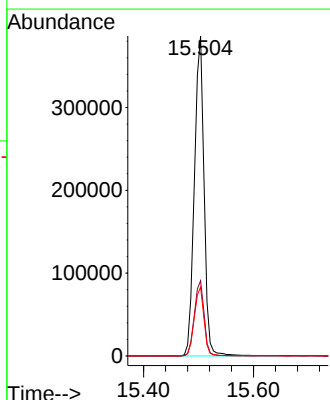
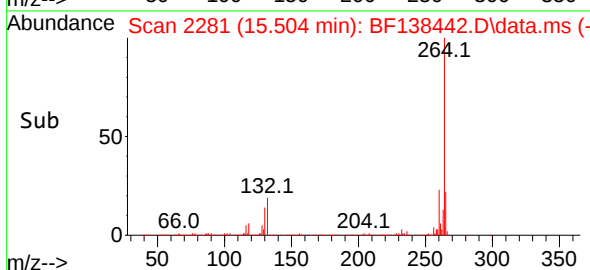
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

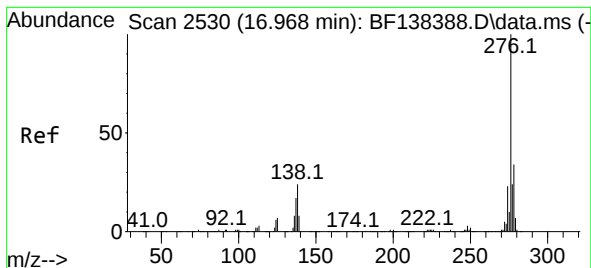


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09



Tgt Ion:264 Resp: 473572
Ion Ratio Lower Upper
264 100
260 23.5 17.8 26.6
265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.321 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS

Tgt Ion:276 Resp: 131635

Ion Ratio Lower Upper

276 100

138 28.3 22.1 33.1

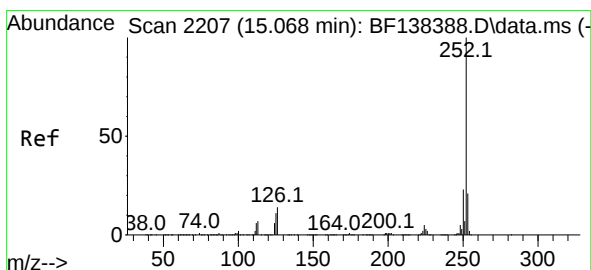
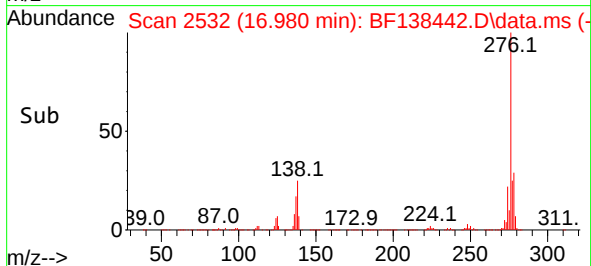
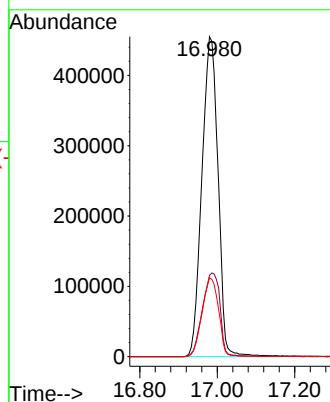
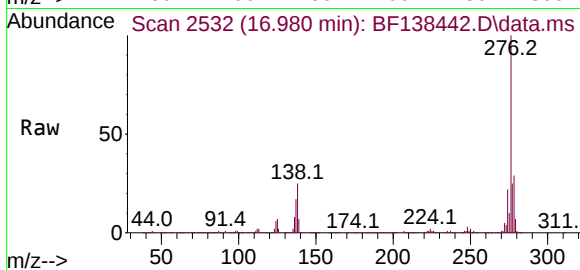
277 25.1 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#88

Benzo(b)fluoranthene

Concen: 48.539 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

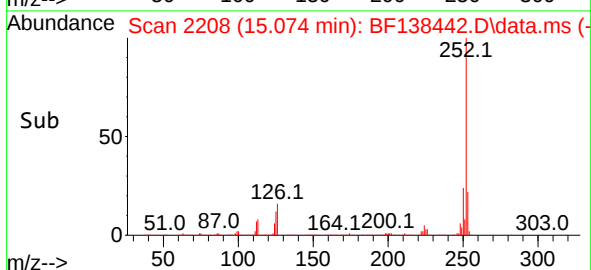
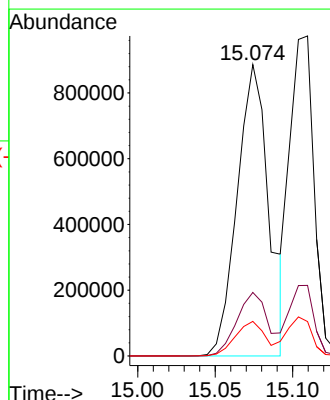
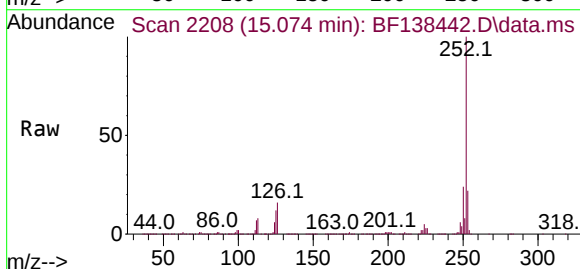
Tgt Ion:252 Resp: 1261203

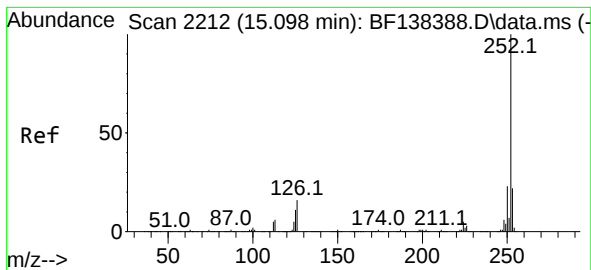
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 11.9 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 45.407 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB161765BS

Tgt Ion:252 Resp: 108668

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

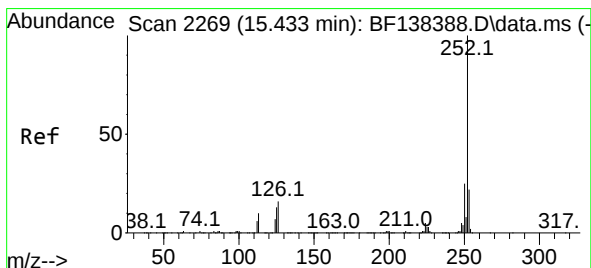
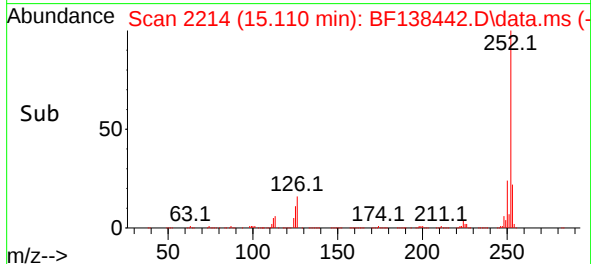
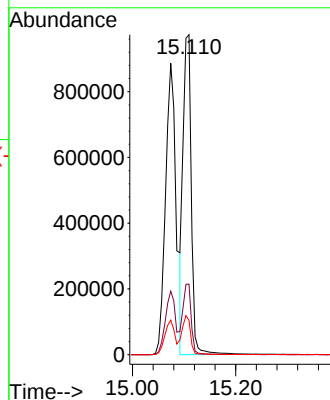
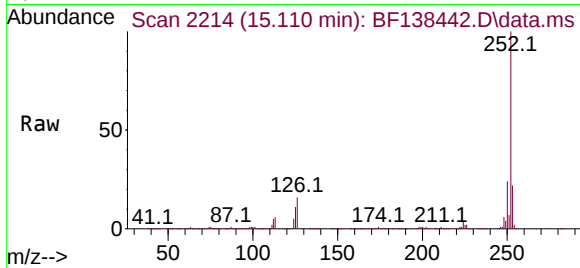
125 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#90

Benzo(a)pyrene

Concen: 49.441 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF138442.D

Acq: 03 Jul 2024 13:09

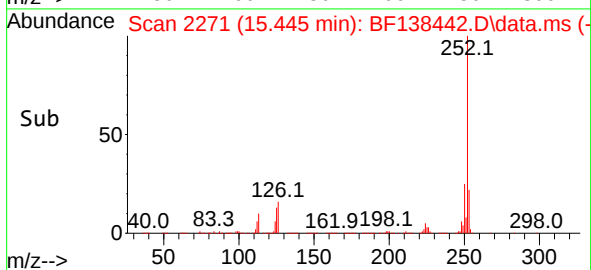
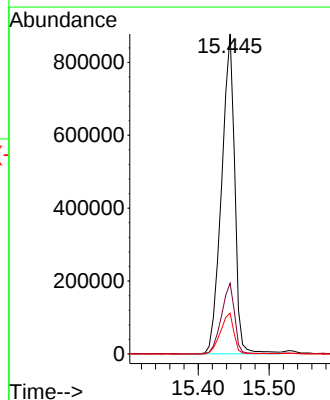
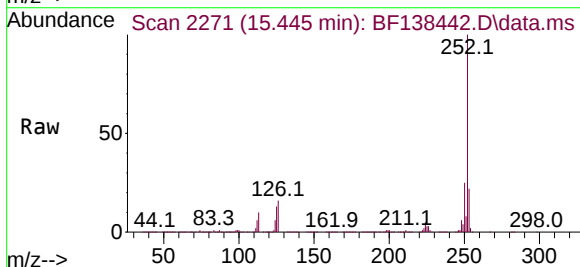
Tgt Ion:252 Resp: 1125984

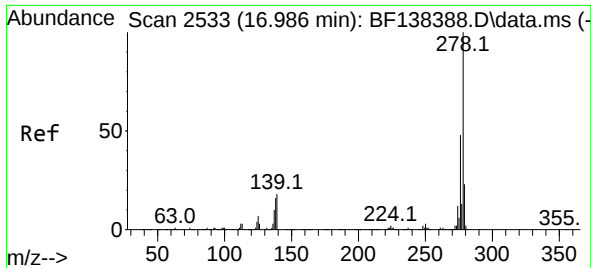
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 12.8 10.2 15.2





#91
Dibenzo(a,h)anthracene
Concen: 54.745 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Instrument :

BNA_F

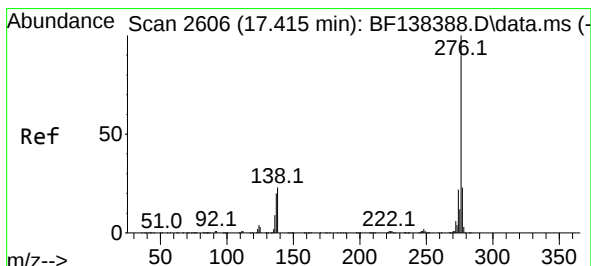
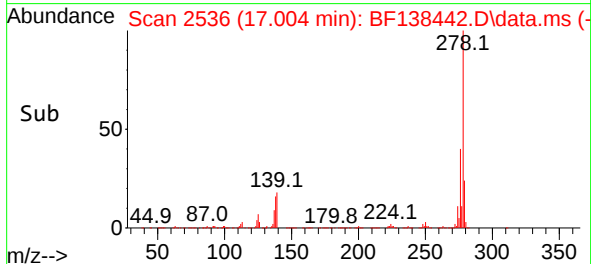
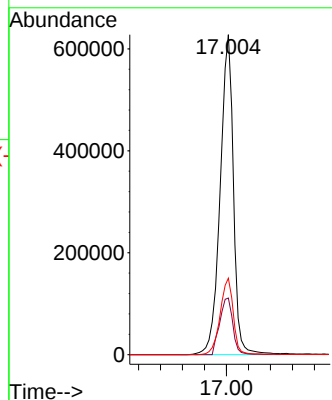
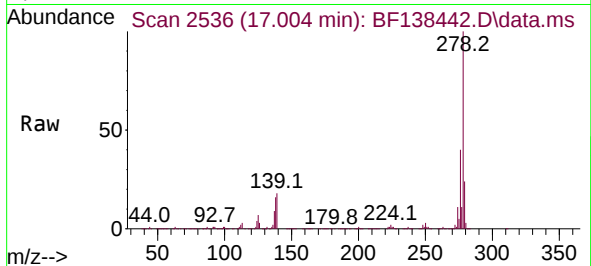
ClientSampleId :

PB161765BS

Tgt Ion:278 Resp: 105149
Ion Ratio Lower Upper
278 100
139 17.7 14.3 21.5
279 23.9 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#92
Benzo(g,h,i)perylene
Concen: 53.014 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.018 min
Lab File: BF138442.D
Acq: 03 Jul 2024 13:09

Tgt Ion:276 Resp: 996117
Ion Ratio Lower Upper
276 100
277 23.2 18.3 27.5
138 24.9 18.3 27.5

