

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137541.D
 Acq On : 08 Mar 2024 14:05
 Operator : CG\JU
 Sample : PB159511BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB159511BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024

Quant Time: Mar 08 22:15:35 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Mar 08 22:10:14 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	231621	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	944738	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	513530	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	930256	20.000	ng	0.00
76) Chrysene-d12	14.080	240	473680	20.000	ng	0.00
86) Perylene-d12	15.615	264	448672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1929280	126.153	ng	0.02
7) Phenol-d6	6.539	99	2667082	120.818	ng	0.00
23) Nitrobenzene-d5	7.451	82	1694874	83.357	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	683564	151.577	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2675904	81.568	ng	0.00
79) Terphenyl-d14	13.016	244	2975679	86.385	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.863	88	305368	36.518	ng	99
3) Pyridine	3.628	79	699647	34.692	ng	99
4) n-Nitrosodimethylamine	3.616	42	359828	44.359	ng	97
6) Aniline	6.557	93	650856	24.129	ng	# 63
8) 2-Chlorophenol	6.675	128	771074	47.803	ng	95
9) Benzaldehyde	6.445	77	493481	45.630	ng	100
10) Phenol	6.551	94	1014770	42.709	ng	93
11) bis(2-Chloroethyl)ether	6.634	93	806208	46.303	ng	98
12) 1,3-Dichlorobenzene	6.828	146	776645	45.058	ng	97
13) 1,4-Dichlorobenzene	6.904	146	785577	44.545	ng	99
14) 1,2-Dichlorobenzene	7.051	146	752684	46.499	ng	98
15) Benzyl Alcohol	7.034	79	710303	51.684	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1260609	42.120	ng	93
17) 2-Methylphenol	7.145	107	649444	43.028	ng	98
18) Hexachloroethane	7.392	117	274304	47.238	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	575770	42.237	ng	99
20) 3+4-Methylphenols	7.298	107	726063	42.002	ng	91
22) Acetophenone	7.292	105	1028015	44.973	ng	# 98
24) Nitrobenzene	7.469	77	888260	43.488	ng	98
25) Isophorone	7.704	82	1706117	44.167	ng	98
26) 2-Nitrophenol	7.781	139	411169	50.705	ng	96
27) 2,4-Dimethylphenol	7.822	122	582373	38.435	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1009024	44.520	ng	100
29) 2,4-Dichlorophenol	8.022	162	648430	46.629	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	666624	45.553	ng	98
31) Naphthalene	8.181	128	2145666	42.330	ng	100
32) Benzoic acid	7.975	122	415556	47.673	ng	99
33) 4-Chloroaniline	8.233	127	307061	15.449	ng	100
34) Hexachlorobutadiene	8.298	225	386951	44.788	ng	99
35) Caprolactam	8.616	113	228858m	48.534	ng	
36) 4-Chloro-3-methylphenol	8.728	107	712001	45.805	ng	97
37) 2-Methylnaphthalene	8.875	142	1350098	41.781	ng	99
38) 1-Methylnaphthalene	8.975	142	1269746	41.726	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	657078	45.833	ng	99
41) Hexachlorocyclopentadiene	9.028	237	565527	94.944	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	457101	48.961	ng	99

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Manual Integrations

APPROVED

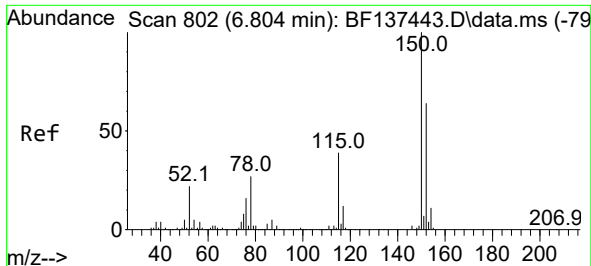
Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024

Quant Time: Mar 08 22:15:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 22:10:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	487863	45.363	ng	96
46) 1,1'-Biphenyl	9.345	154	1653845	44.002	ng	99
47) 2-Chloronaphthalene	9.369	162	1330945	46.445	ng	100
48) 2-Nitroaniline	9.469	65	482295	49.517	ng	97
49) Acenaphthylene	9.780	152	2058638	44.890	ng	99
50) Dimethylphthalate	9.651	163	1635353	45.747	ng	99
51) 2,6-Dinitrotoluene	9.716	165	367755	49.185	ng	86
52) Acenaphthene	9.957	154	1174485	42.898	ng	99
53) 3-Nitroaniline	9.880	138	263371	33.301	ng	99
54) 2,4-Dinitrophenol	9.992	184	382343	102.287	ng	96
55) Dibenzofuran	10.127	168	1763793	42.298	ng	99
56) 4-Nitrophenol	10.057	139	526070	92.732	ng	97
57) 2,4-Dinitrotoluene	10.122	165	443479	48.278	ng	93
58) Fluorene	10.475	166	1350211	42.162	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	411831	47.753	ng	93
60) Diethylphthalate	10.357	149	1506681	44.633	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	667515	42.530	ng	92
62) 4-Nitroaniline	10.510	138	328309	48.299	ng	94
63) Azobenzene	10.627	77	1705902	43.886	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	271744	52.412	ng	79
66) n-Nitrosodiphenylamine	10.592	169	1268067	42.332	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	448890	44.304	ng	97
68) Hexachlorobenzene	11.022	284	486140	47.504	ng	92
69) Atrazine	11.127	200	374453	41.120	ng	99
70) Pentachlorophenol	11.222	266	544684	88.045	ng	99
71) Phenanthrene	11.439	178	2117157	41.819	ng	99
72) Anthracene	11.492	178	2156348	41.471	ng	100
73) Carbazole	11.651	167	1902733	42.721	ng	100
74) Di-n-butylphthalate	11.986	149	2297552	43.358	ng	99
75) Fluoranthene	12.639	202	2042212	41.268	ng	98
77) Benzidine	12.768	184	236880	20.435	ng	98
78) Pyrene	12.868	202	2066651	44.464	ng	99
80) Butylbenzylphthalate	13.498	149	689604	58.096	ng	98
81) Benzo(a)anthracene	14.068	228	1468158	44.222	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	373973	42.299	ng	100
83) Chrysene	14.104	228	1475063	43.960	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	814889	54.012	ng	# 98
85) Di-n-octyl phthalate	14.698	149	1450142	49.654	ng	98
87) Indeno(1,2,3-cd)pyrene	17.239	276	1469577	49.773	ng	98
88) Benzo(b)fluoranthene	15.157	252	1361302	51.291	ng	100
89) Benzo(k)fluoranthene	15.192	252	1296170	45.468	ng	98
90) Benzo(a)pyrene	15.557	252	1222675	46.748	ng	99
91) Dibenzo(a,h)anthracene	17.268	278	1197610	50.001	ng	99
92) Benzo(g,h,i)perylene	17.727	276	1186846	48.250	ng	98

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



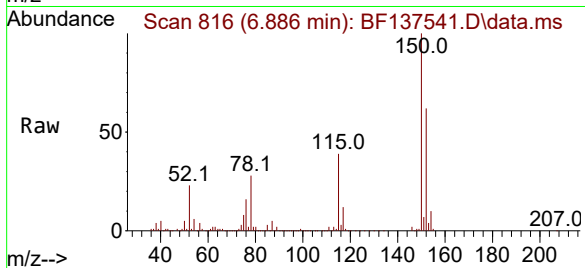
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

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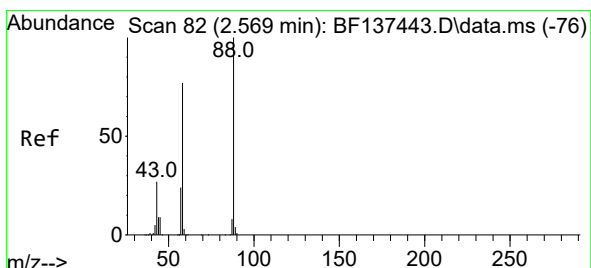
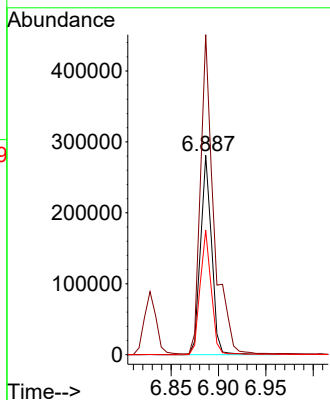
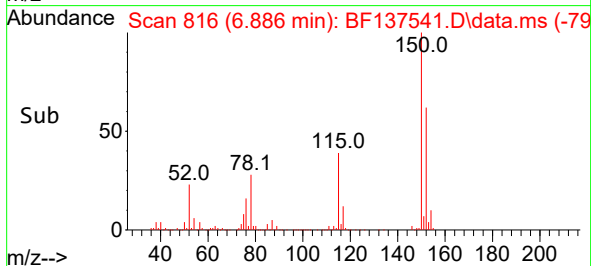
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Ion Ratio Lower Upper
152 100
150 160.6 125.8 188.6
115 62.5 48.8 73.2

Manual Integrations

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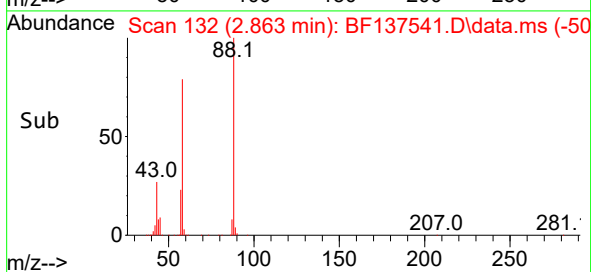
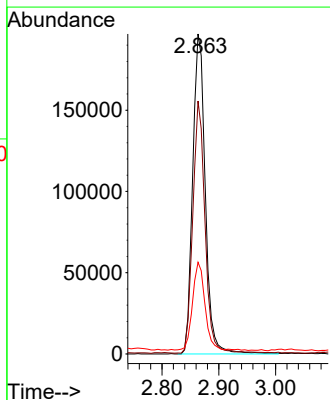
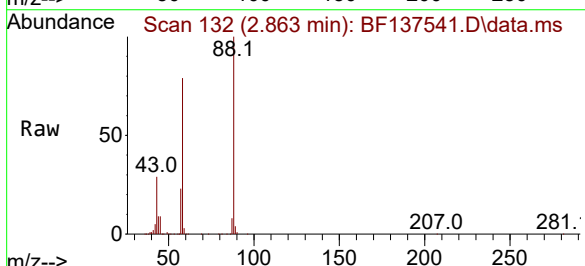
Reviewed By :Yogesh Patel 03/09/2024

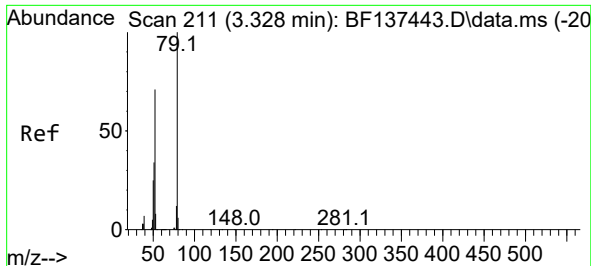
Supervised By :mohammad ahmed 03/09/2024



#2
1,4-Dioxane
Concen: 36.518 ng
RT: 2.863 min Scan# 132
Delta R.T. 0.135 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion: 88 Resp: 305368
Ion Ratio Lower Upper
88 100
58 76.2 61.8 92.8
43 26.9 22.2 33.4





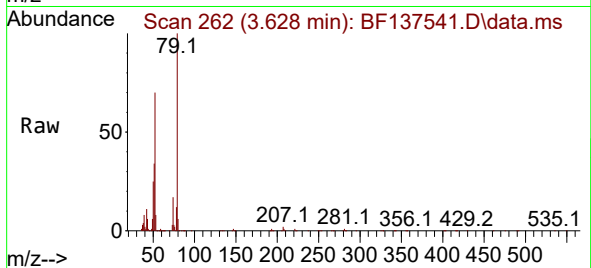
#3
Pyridine
Concen: 34.692 ng
RT: 3.628 min Scan# 20
Delta R.T. 0.106 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

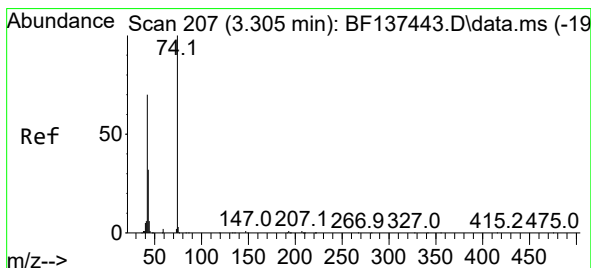
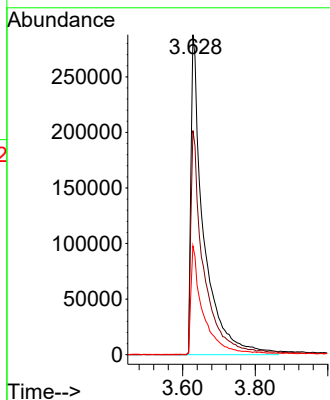
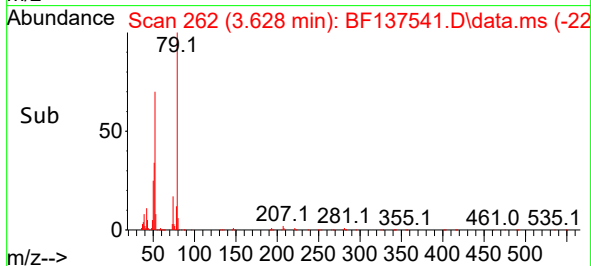
PB159511BS



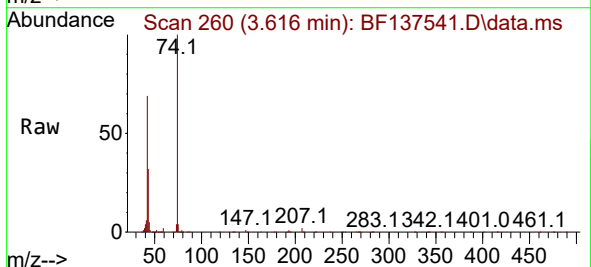
Tgt Ion: 79 Resp: 69964
Ion Ratio Lower Upper
79 100
52 70.1 57.0 85.4
51 34.0 27.5 41.3

Manual Integrations
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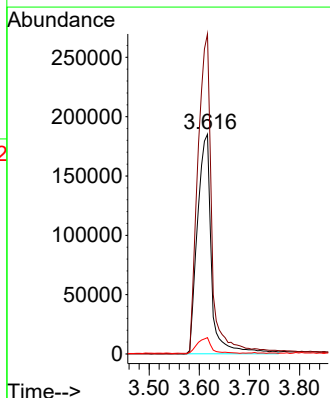
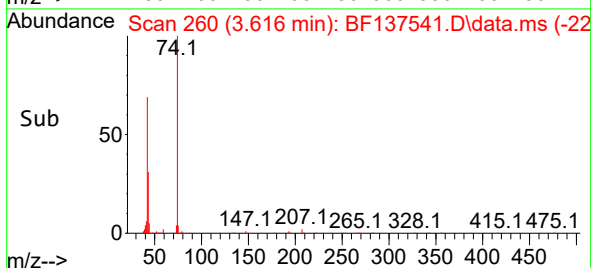
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

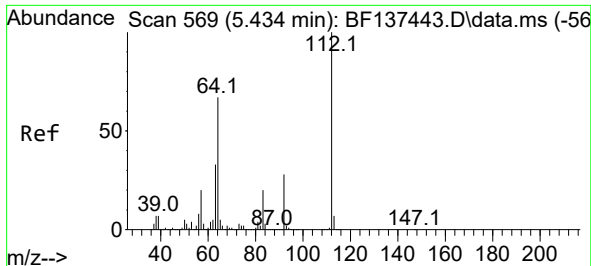


#4
n-Nitrosodimethylamine
Concen: 44.359 ng
RT: 3.616 min Scan# 260
Delta R.T. 0.100 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



Tgt Ion: 42 Resp: 359828
Ion Ratio Lower Upper
42 100
74 145.7 114.0 171.0
44 7.4 7.0 10.4





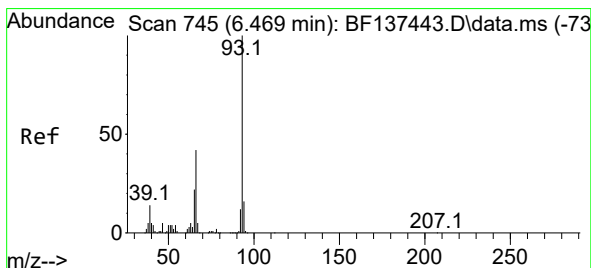
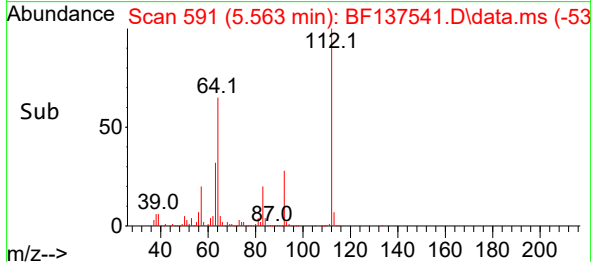
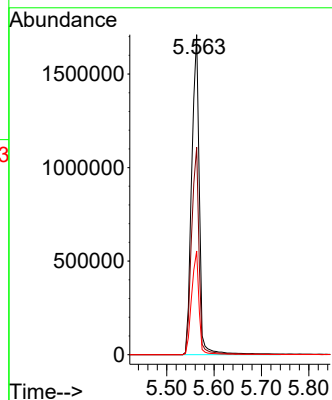
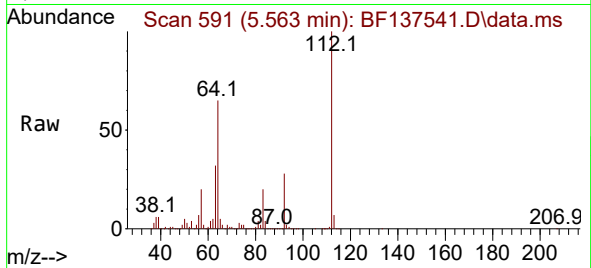
#5
2-Fluorophenol
Concen: 126.153 ng
RT: 5.563 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :
BNA_F
ClientSampleId :
PB159511BS

Tgt Ion:112 Resp: 1929280
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 32.4 26.2 39.2

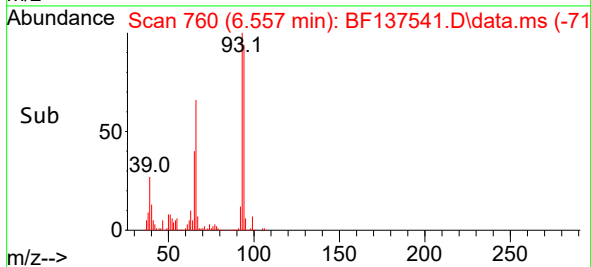
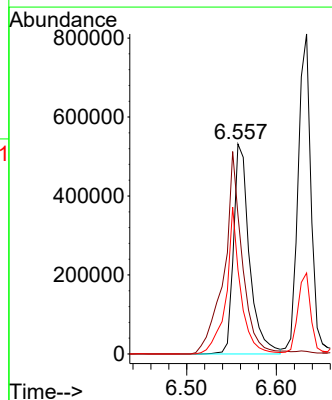
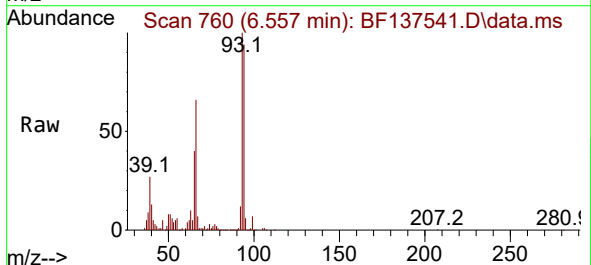
Manual Integrations
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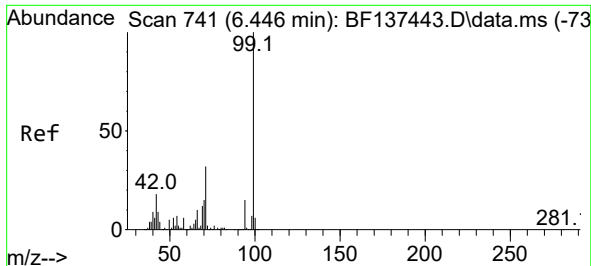
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#6
Aniline
Concen: 24.129 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion: 93 Resp: 650856
Ion Ratio Lower Upper
93 100
66 66.2 34.0 51.0#
65 40.2 17.8 26.8#





#7

Phenol-d6

Concen: 120.818 ng

RT: 6.539 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS

Tgt Ion: 99 Resp: 266708

Ion Ratio Lower Upper

99 100

42 18.6 14.6 21.8

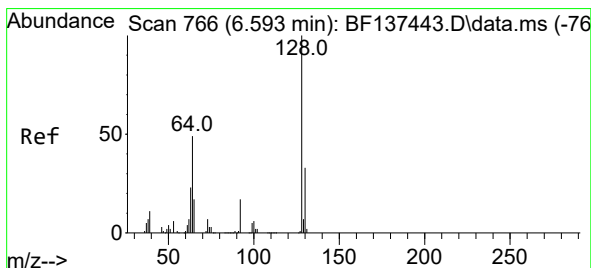
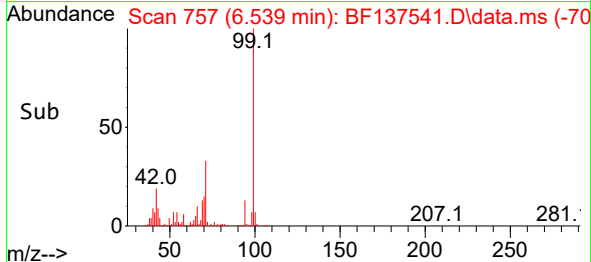
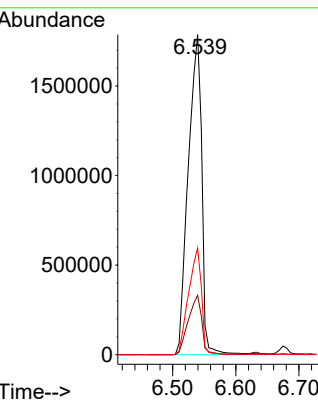
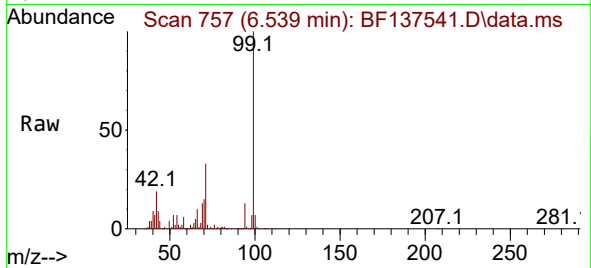
71 33.4 25.3 37.9

Manual Integrations

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Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#8

2-Chlorophenol

Concen: 47.803 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

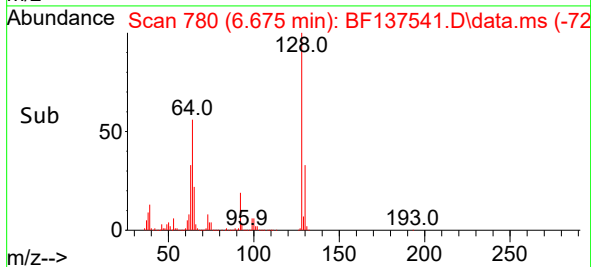
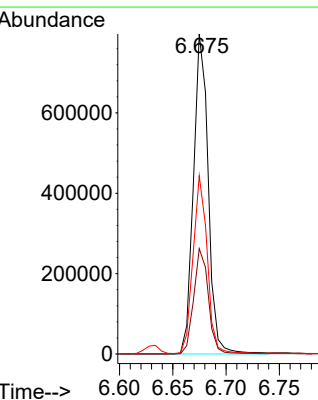
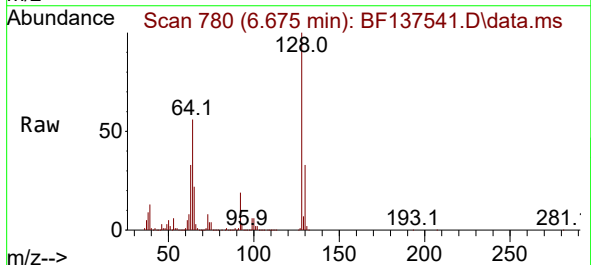
Tgt Ion:128 Resp: 771074

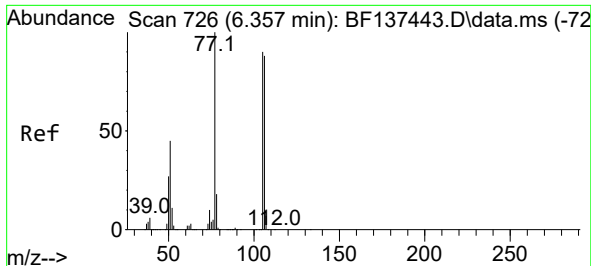
Ion Ratio Lower Upper

128 100

130 32.9 13.4 53.4

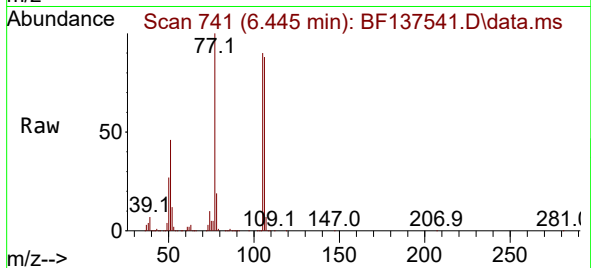
64 55.7 30.0 70.0





#9
Benzaldehyde
Concen: 45.630 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

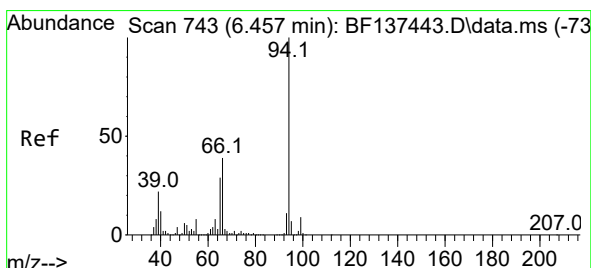
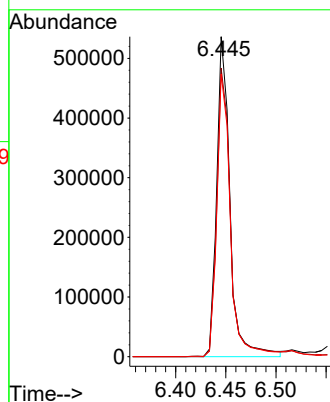
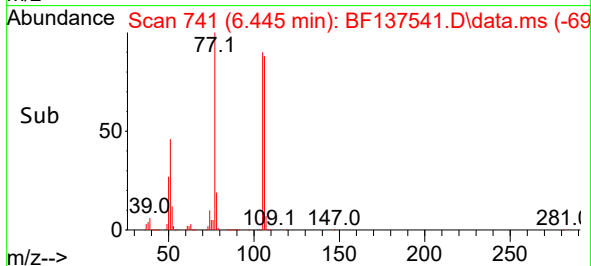
Instrument :
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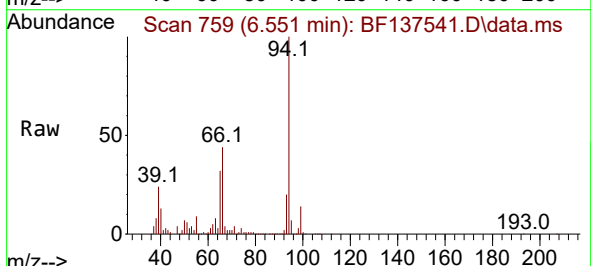
Tgt Ion: 77 Resp: 49348
Ion Ratio Lower Upper
77 100
105 90.2 69.8 109.8
106 88.4 67.8 107.8

Manual Integrations
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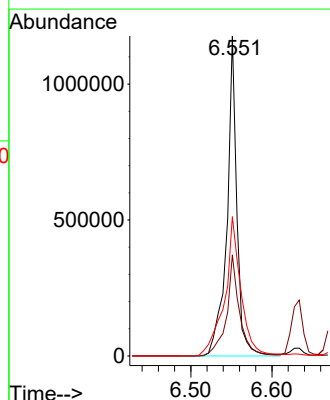
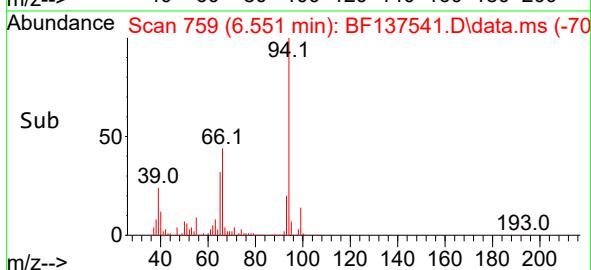
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

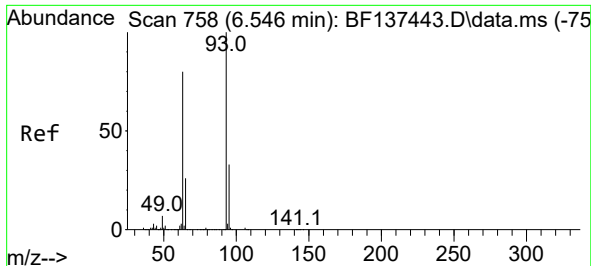


#10
Phenol
Concen: 42.709 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



Tgt Ion: 94 Resp: 1014770
Ion Ratio Lower Upper
94 100
65 31.6 8.7 48.7
66 43.5 18.6 58.6





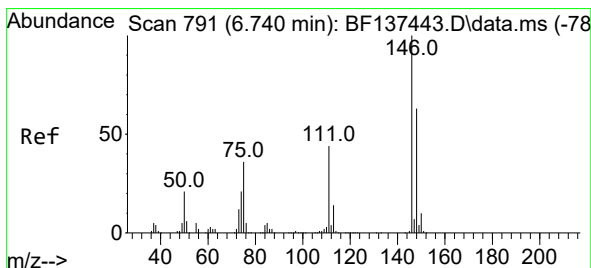
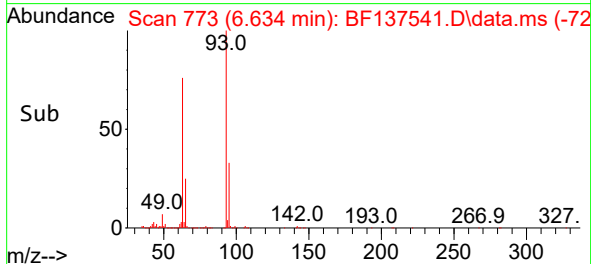
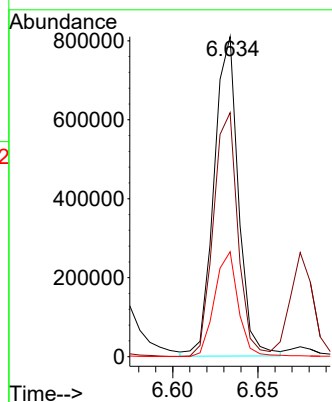
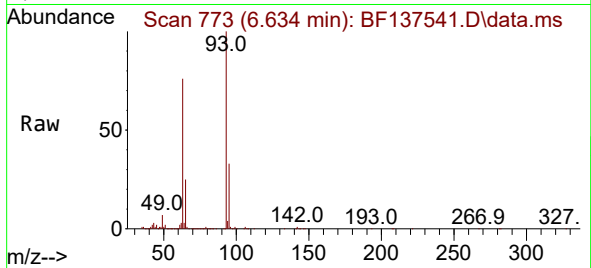
#11
bis(2-Chloroethyl)ether
Concen: 46.303 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :
BNA_F
ClientSampleId :
PB159511BS

Tgt Ion: 93 Resp: 806208
Ion Ratio Lower Upper
93 100
63 76.2 58.9 98.9
95 32.8 12.2 52.2

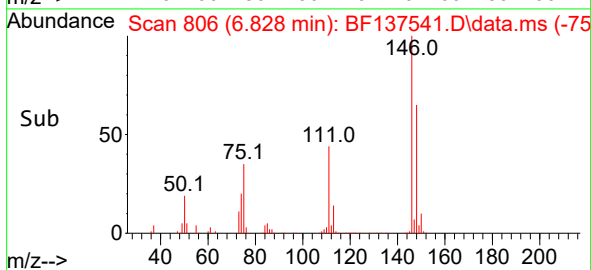
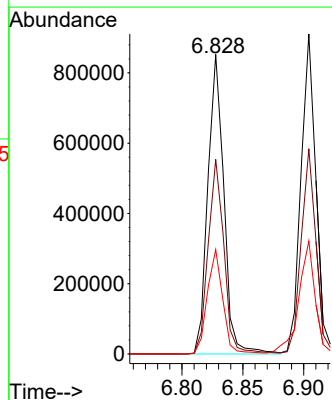
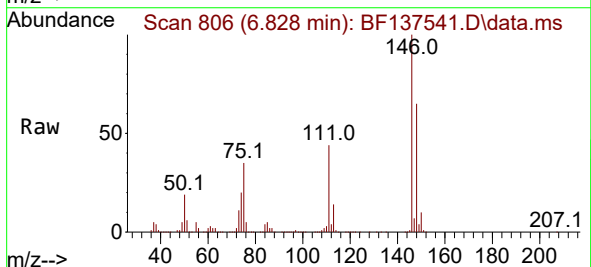
Manual Integrations
APPROVED

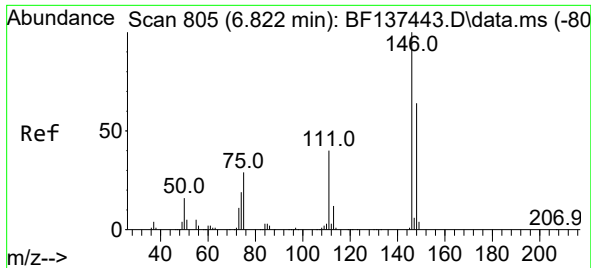
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#12
1,3-Dichlorobenzene
Concen: 45.058 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion:146 Resp: 776645
Ion Ratio Lower Upper
146 100
148 65.0 50.3 75.5
75 34.8 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 44.545 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS

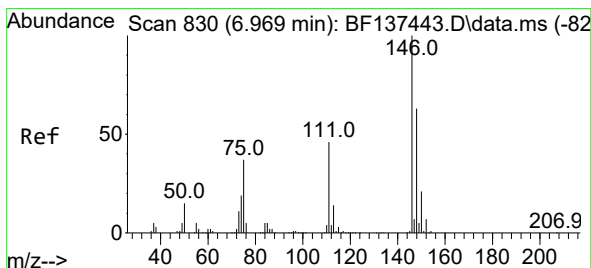
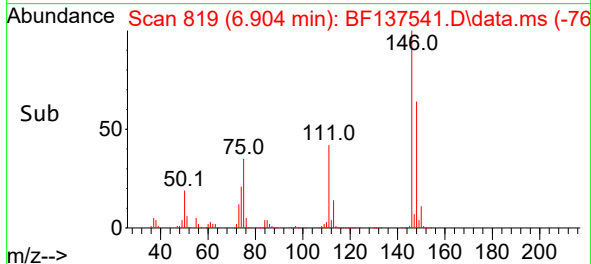
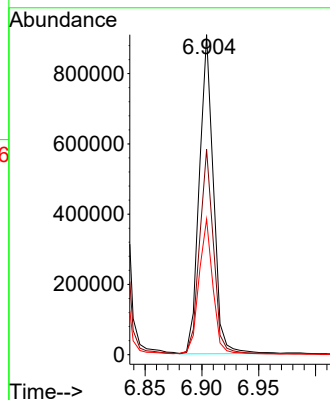
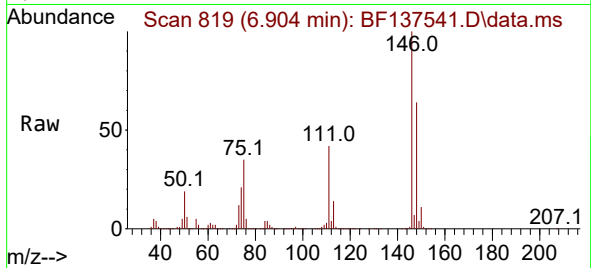
Tgt Ion:146 Resp: 78557
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.2 76.8
 111 42.4 32.4 48.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#14

1,2-Dichlorobenzene

Concen: 46.499 ng

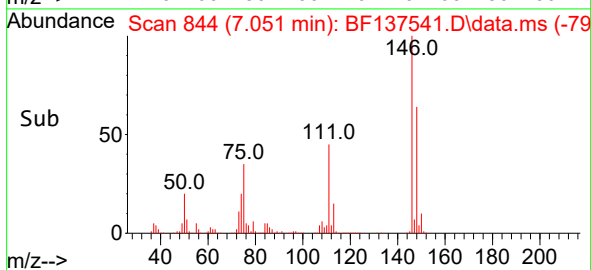
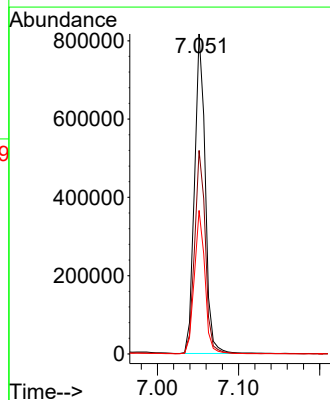
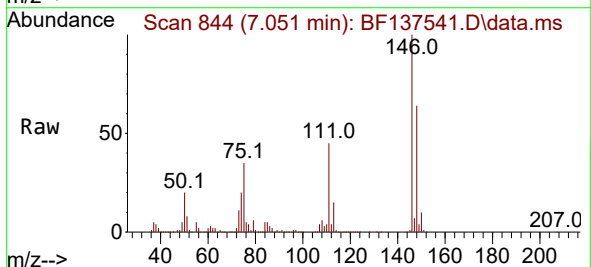
RT: 7.051 min Scan# 844

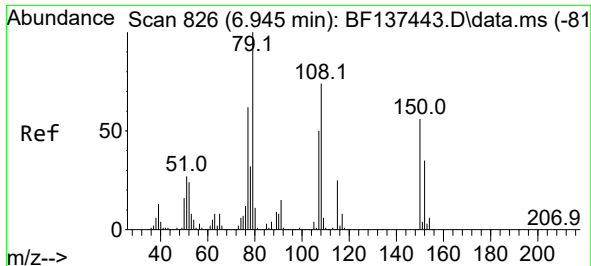
Delta R.T. -0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Tgt Ion:146 Resp: 752684
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.0 75.0
 111 44.9 36.8 55.2





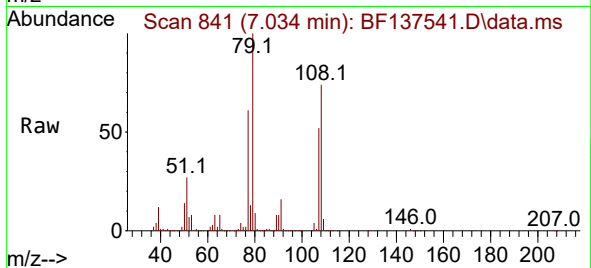
#15
Benzyl Alcohol
Concen: 51.684 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

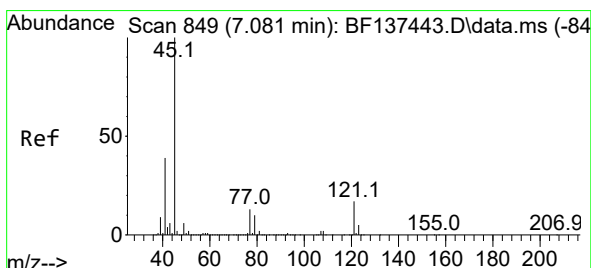
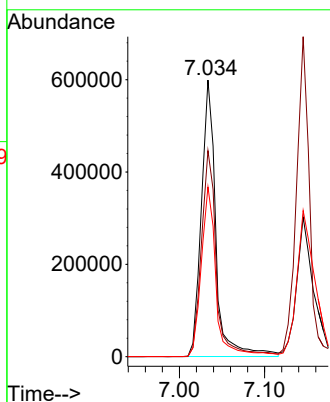
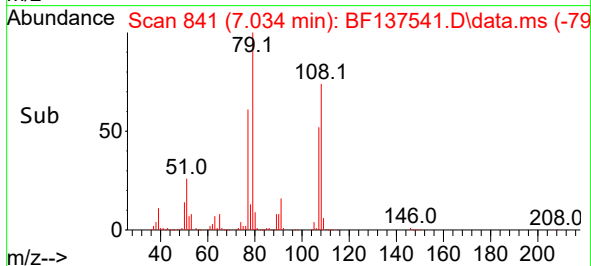
PB159511BS



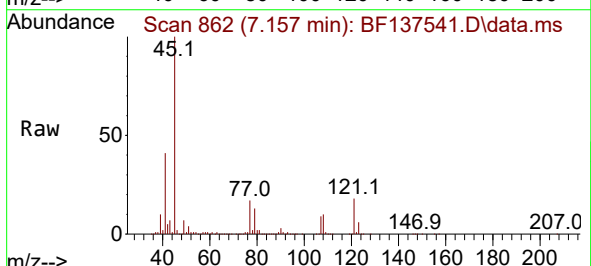
Tgt Ion: 79 Resp: 71030
Ion Ratio Lower Upper
79 100
108 74.5 59.5 89.3
77 61.3 50.0 75.0

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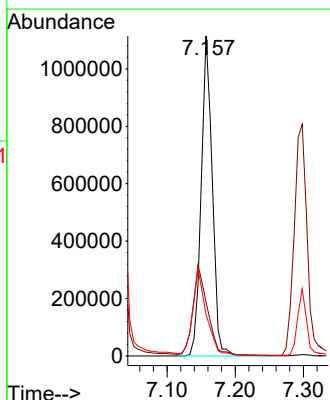
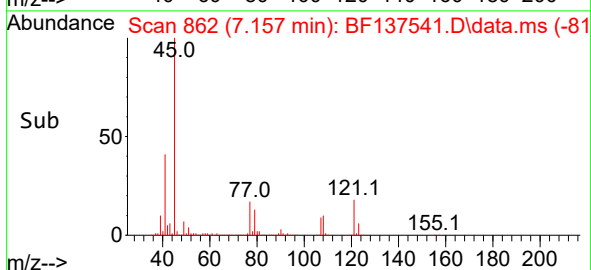
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

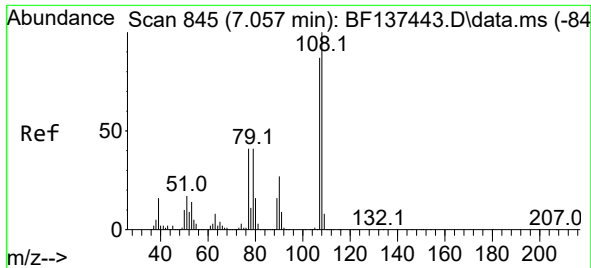


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.120 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



Tgt Ion: 45 Resp: 1260609
Ion Ratio Lower Upper
45 100
77 16.8 0.0 33.4
79 12.9 0.0 30.9





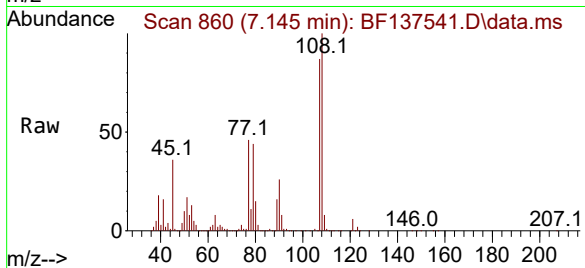
#17
2-Methylphenol
Concen: 43.028 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS



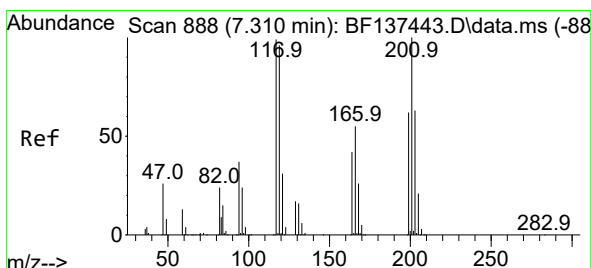
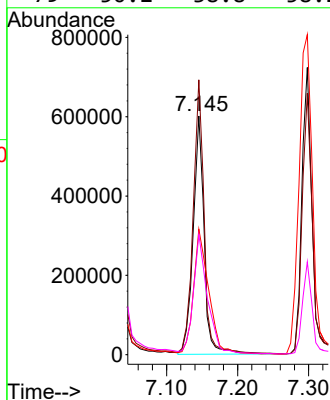
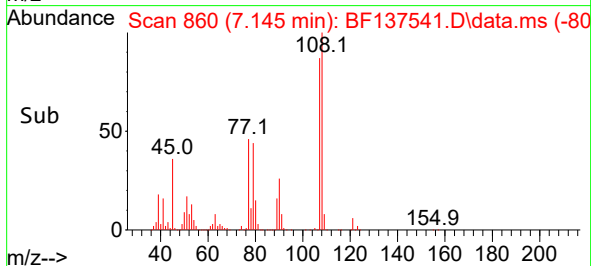
Tgt Ion:107 Resp: 64944
Ion Ratio Lower Upper
107 100
108 115.1 92.2 138.4
77 52.6 38.6 57.8
79 50.2 38.8 58.2

Manual Integrations

APPROVED

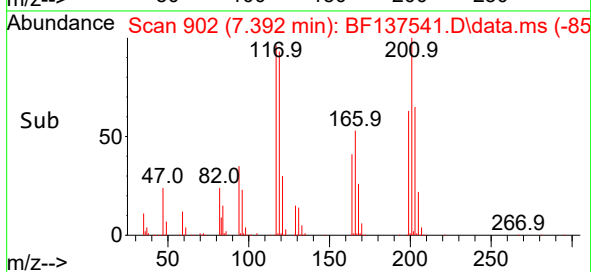
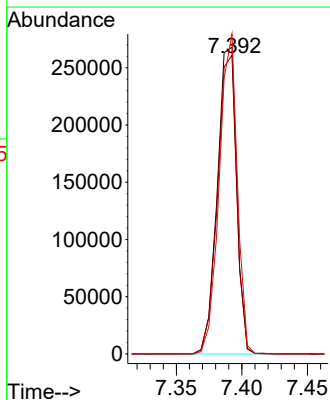
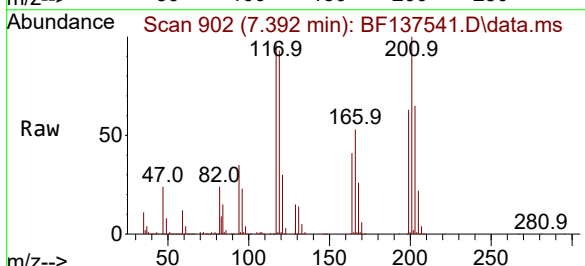
Reviewed By :Yogesh Patel 03/09/2024

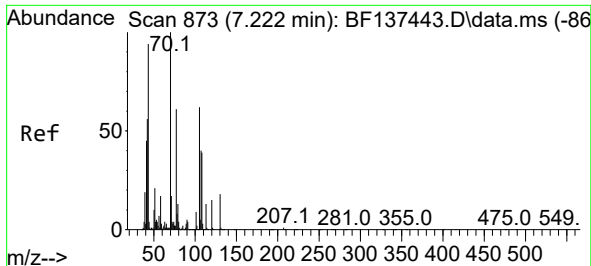
Supervised By :mohammad ahmed 03/09/2024



#18
Hexachloroethane
Concen: 47.238 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

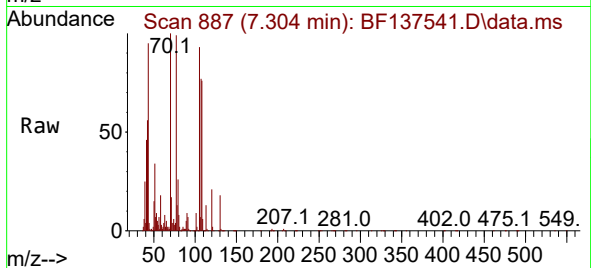
Tgt Ion:117 Resp: 274304
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3
201 104.3 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.237 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

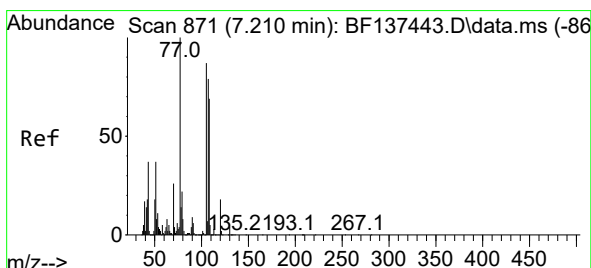
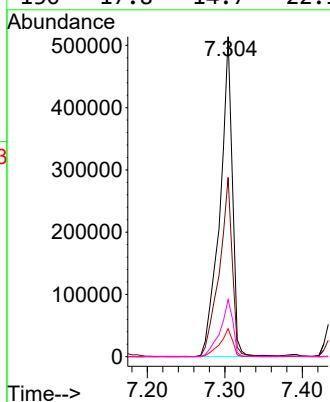
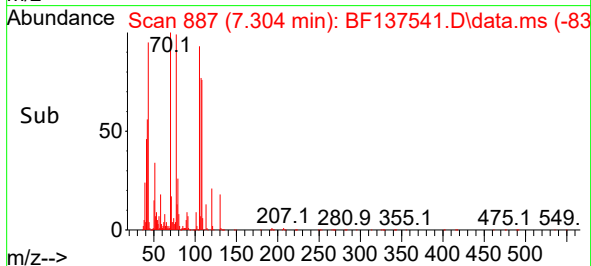
Instrument :
BNA_F
ClientSampleId :
PB159511BS



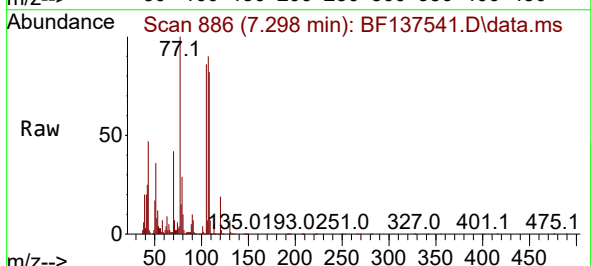
Tgt Ion: 70 Resp: 575770
Ion Ratio Lower Upper
70 100
42 56.0 45.2 67.8
101 8.7 7.3 10.9
130 17.8 14.7 22.1

Manual Integrations
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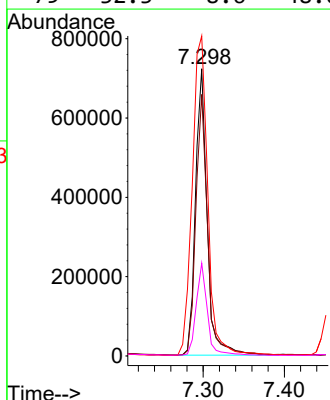
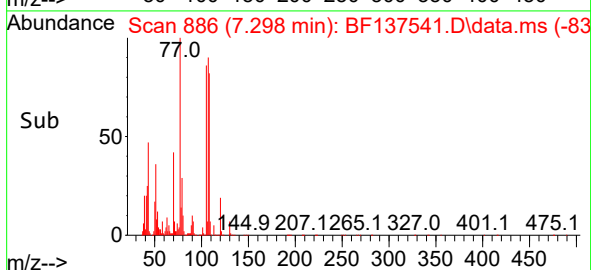
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

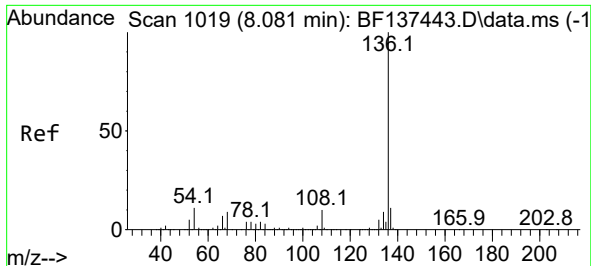


#20
3+4-Methylphenols
Concen: 42.002 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



Tgt Ion:107 Resp: 726063
Ion Ratio Lower Upper
107 100
108 91.0 67.6 107.6
77 111.4 107.1 147.1
79 32.3 8.6 48.6





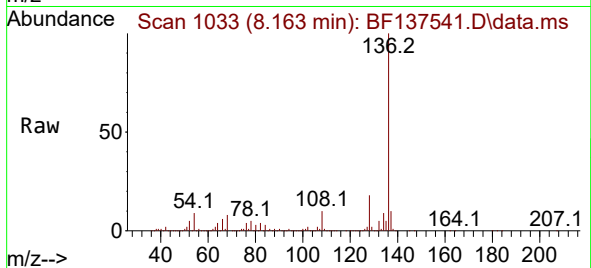
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS

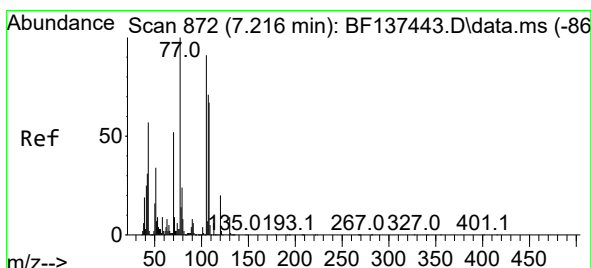
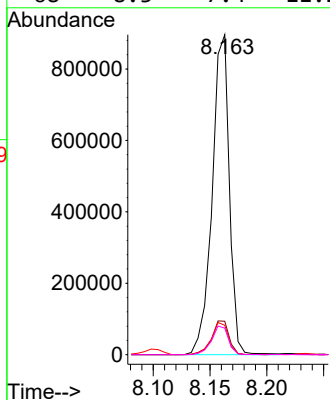
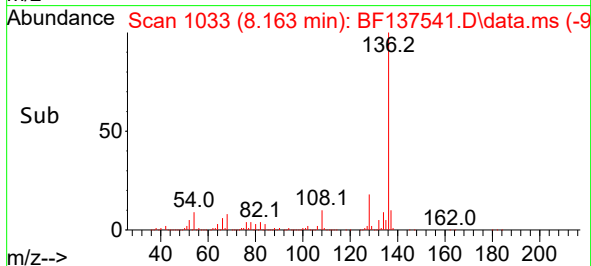


Tgt Ion:136 Resp: 944738
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 9.2 8.5 12.7
68 8.3 7.4 11.2

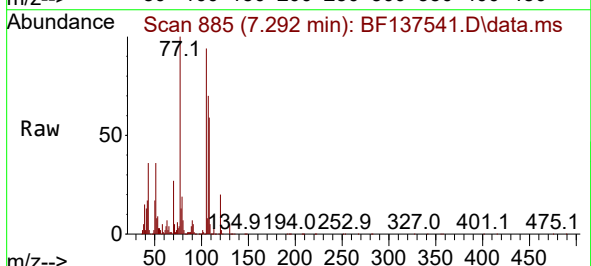
Manual Integrations

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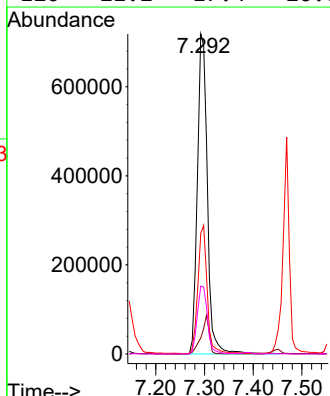
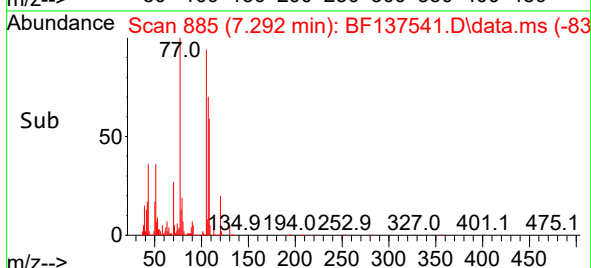
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

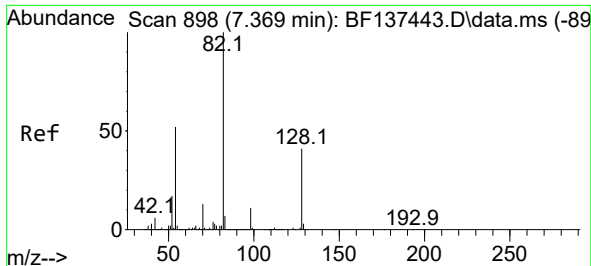


#22
Acetophenone
Concen: 44.973 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



Tgt Ion:105 Resp: 1028015
Ion Ratio Lower Upper
105 100
71 5.0 7.7 11.5#
51 37.7 30.4 45.6
120 21.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 83.357 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS

Tgt Ion: 82 Resp: 1694874

Ion Ratio Lower Upper

82 100

128 41.4 32.5 48.7

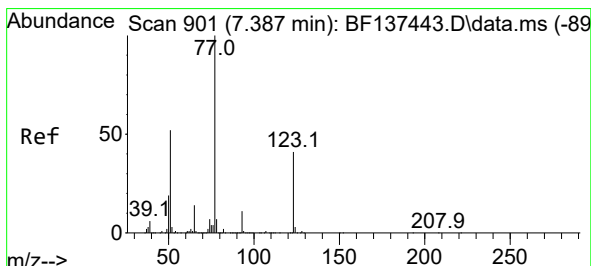
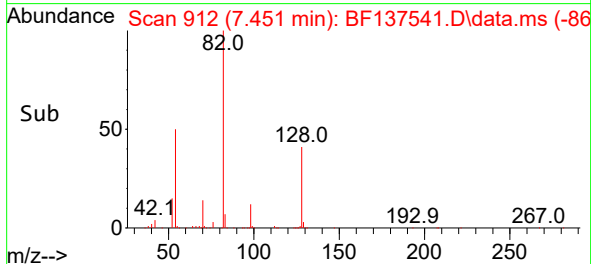
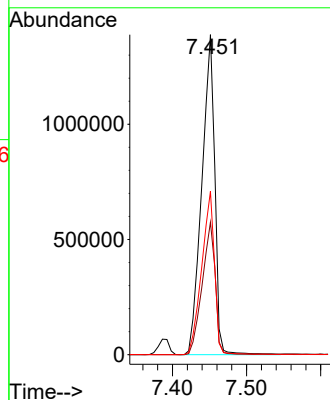
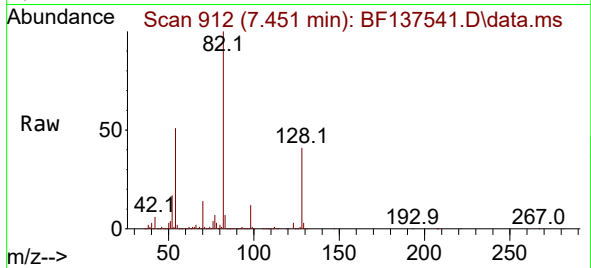
54 51.1 41.5 62.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#24

Nitrobenzene

Concen: 43.488 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

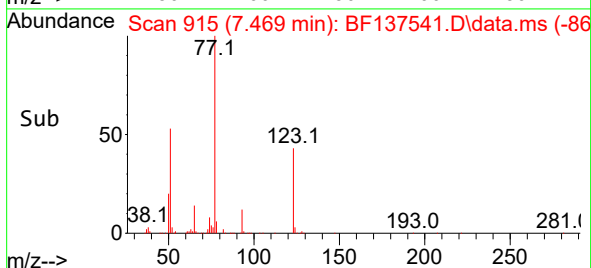
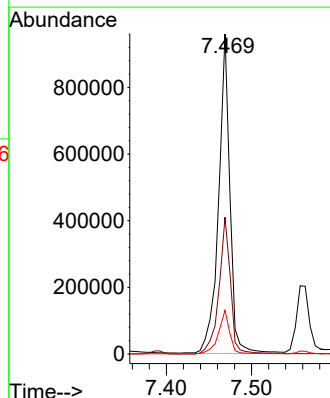
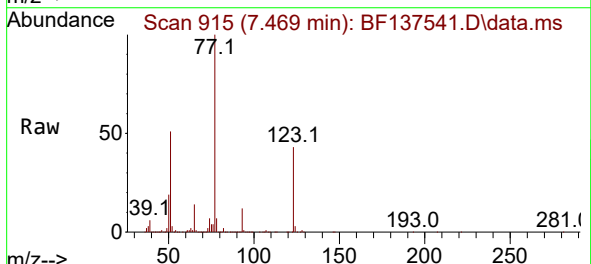
Tgt Ion: 77 Resp: 888260

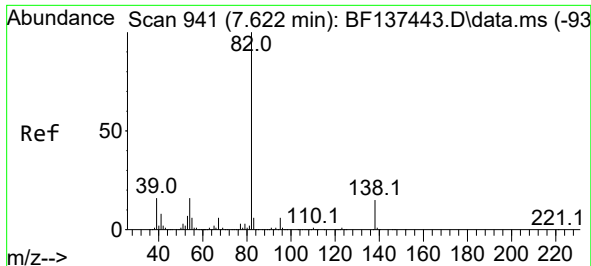
Ion Ratio Lower Upper

77 100

123 42.8 33.0 49.6

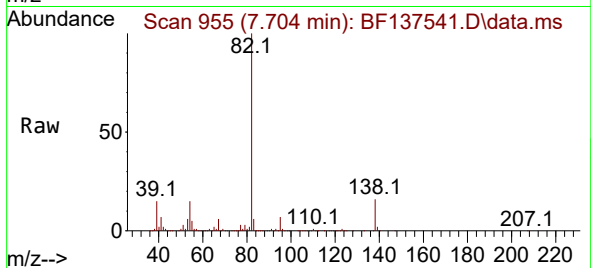
65 13.6 10.9 16.3





#25
Isophorone
Concen: 44.167 ng
RT: 7.704 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

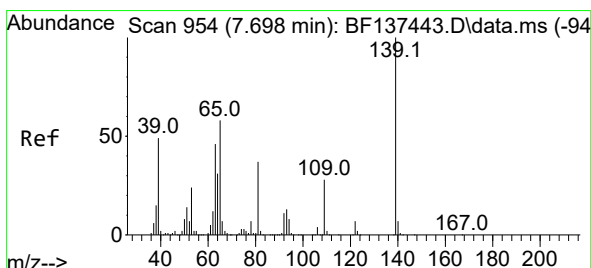
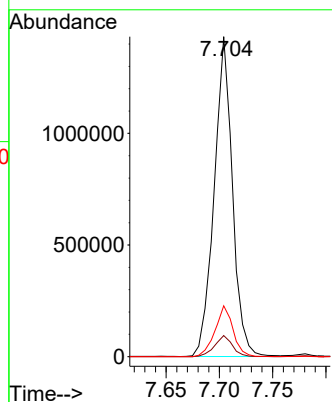
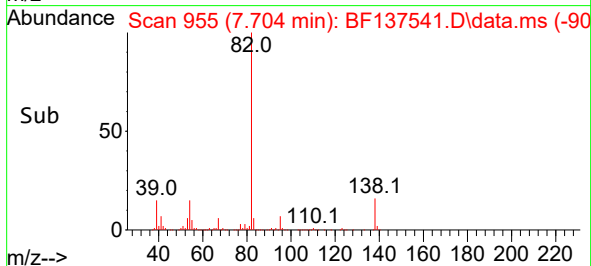
Instrument :
BNA_F
ClientSampleId :
PB159511BS



Tgt Ion: 82 Resp: 170611
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.9 11.8 17.8

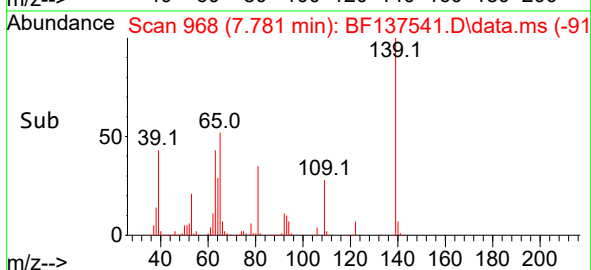
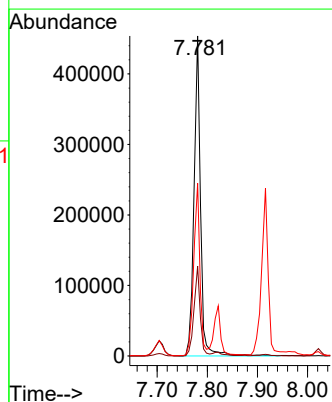
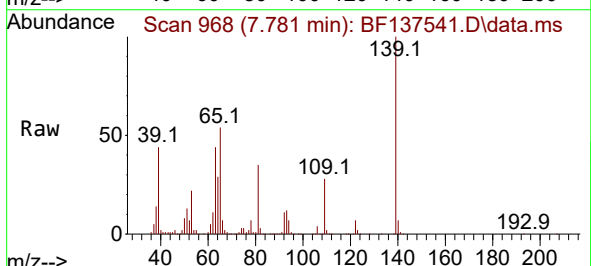
Manual Integrations
APPROVED

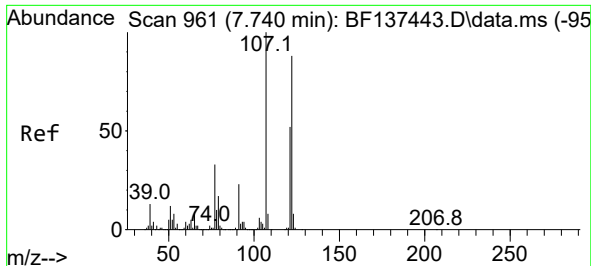
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#26
2-Nitrophenol
Concen: 50.705 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion:139 Resp: 411169
Ion Ratio Lower Upper
139 100
109 28.1 22.2 33.4
65 53.9 46.2 69.2





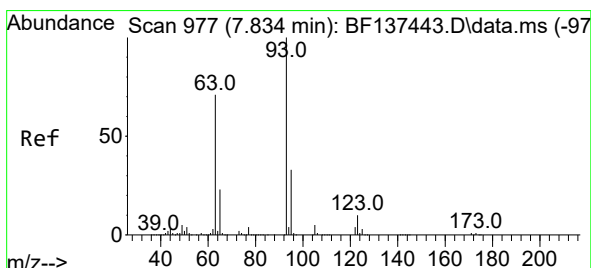
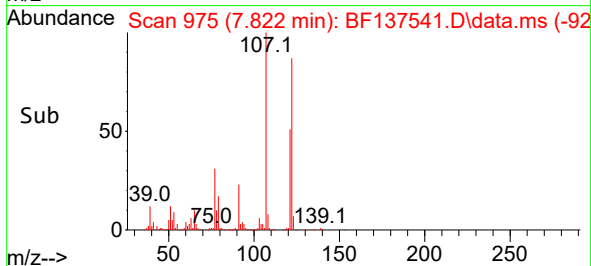
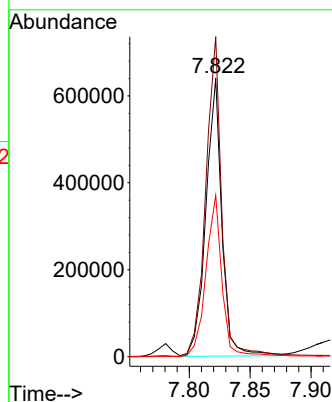
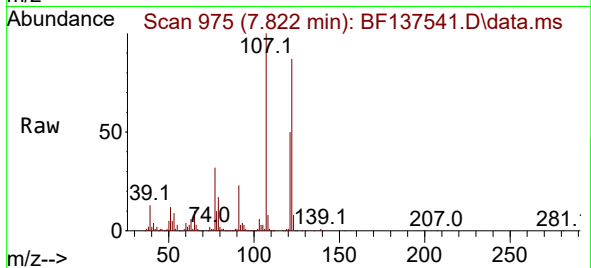
#27
2,4-Dimethylphenol
Concen: 38.435 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :
BNA_F
ClientSampleId :
PB159511BS

Tgt Ion:122 Resp: 58237
Ion Ratio Lower Upper
122 100
107 114.9 90.9 136.3
121 58.0 47.0 70.6

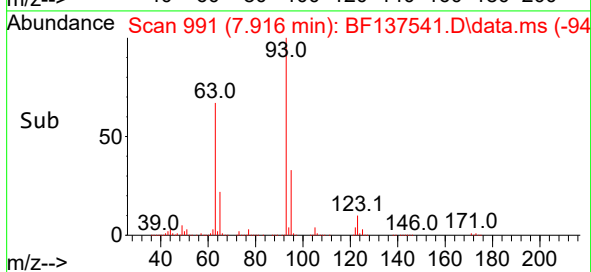
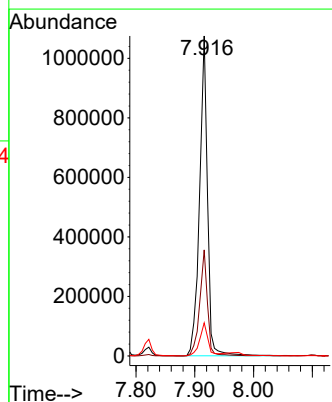
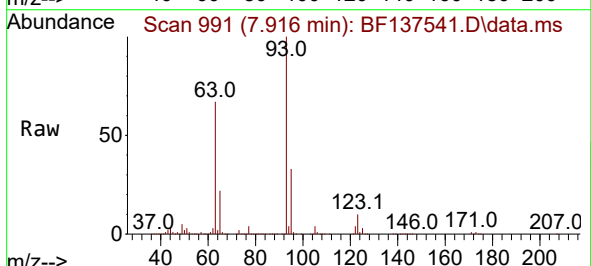
Manual Integrations
APPROVED

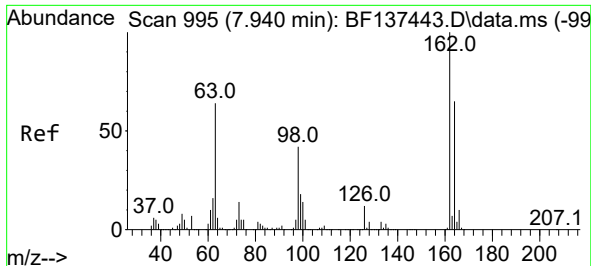
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.520 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion: 93 Resp: 1009024
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 10.4 8.0 12.0





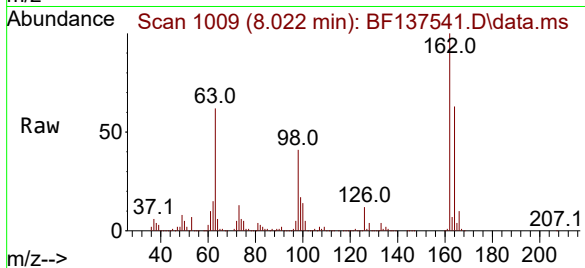
#29
2,4-Dichlorophenol
Concen: 46.629 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS



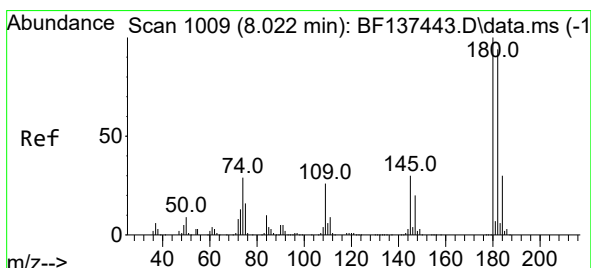
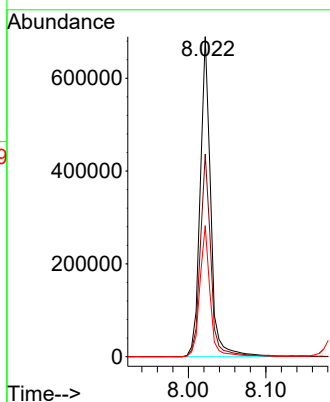
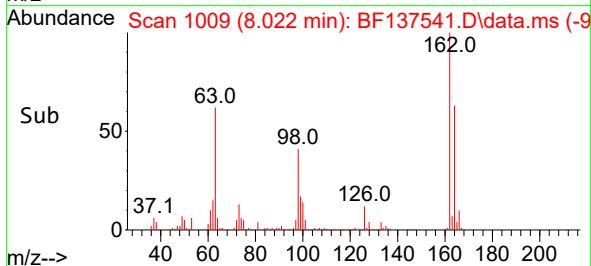
Tgt Ion:162 Resp: 648430
Ion Ratio Lower Upper
162 100
164 63.3 44.7 84.7
98 41.0 22.0 62.0

Manual Integrations

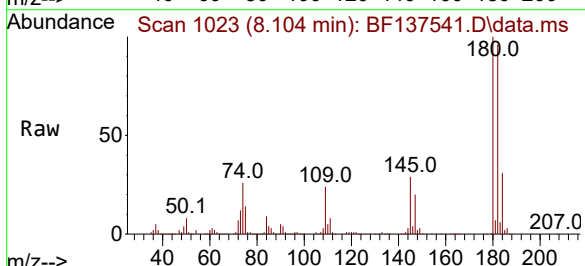
APPROVED

Reviewed By :Yogesh Patel 03/09/2024

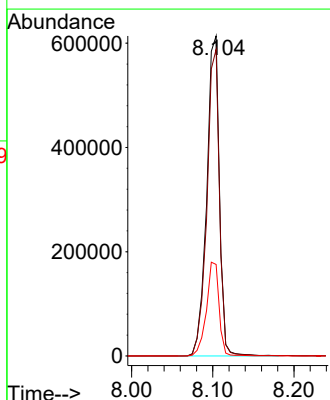
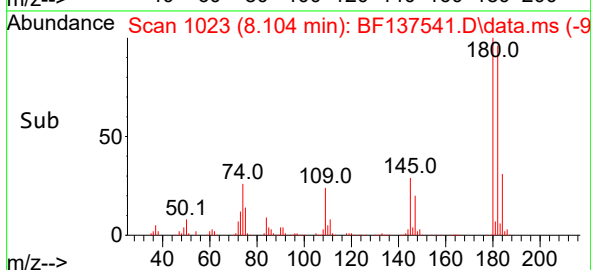
Supervised By :mohammad ahmed 03/09/2024

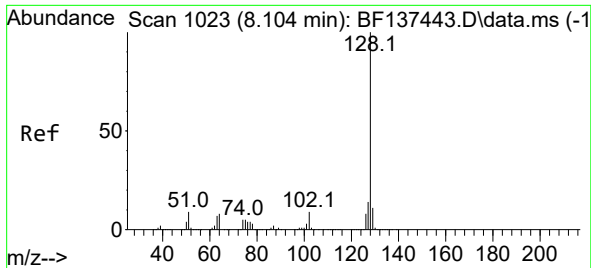


#30
1,2,4-Trichlorobenzene
Concen: 45.553 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



Tgt Ion:180 Resp: 666624
Ion Ratio Lower Upper
180 100
182 95.8 75.0 112.6
145 28.6 23.7 35.5





#31
Naphthalene
Concen: 42.330 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

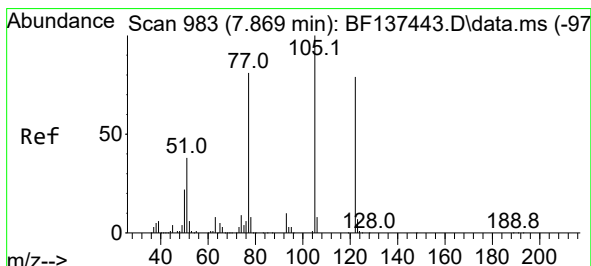
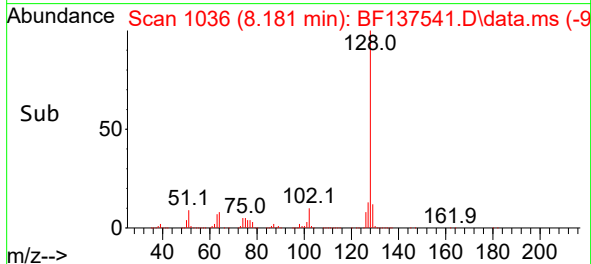
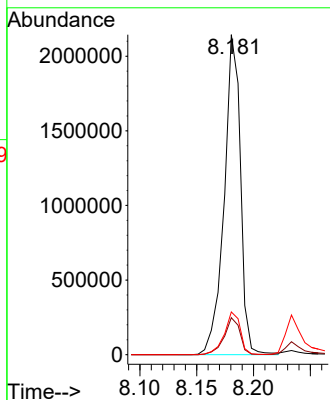
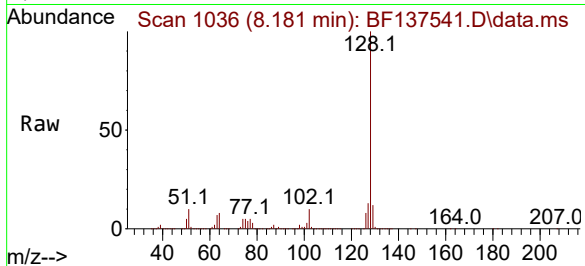
ClientSampleId :

PB159511BS

Tgt Ion:128 Resp: 214566
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.8 16.2

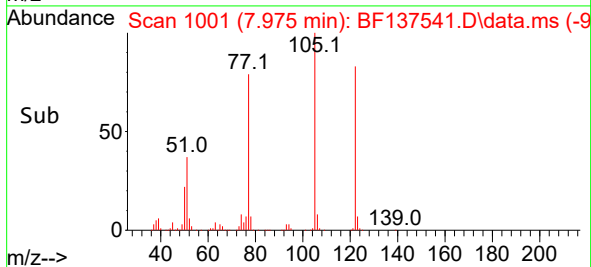
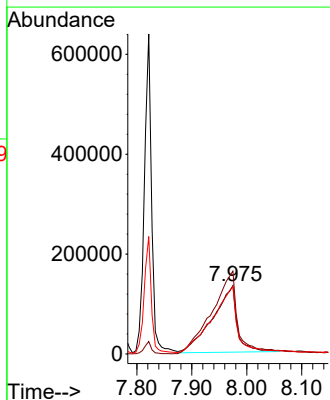
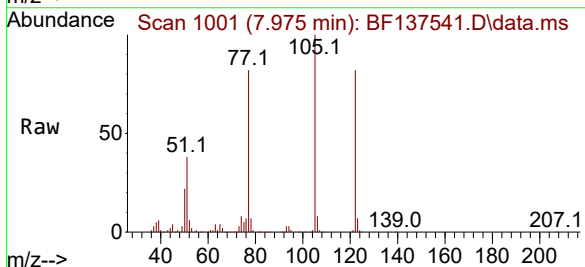
Manual Integrations
APPROVED

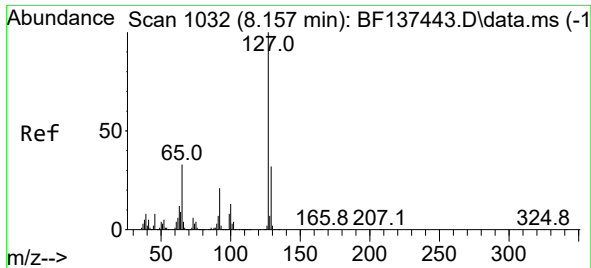
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#32
Benzoic acid
Concen: 47.673 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.018 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion:122 Resp: 415556
Ion Ratio Lower Upper
122 100
105 121.4 102.4 142.4
77 99.1 81.1 121.1





#33
4-Chloroaniline
Concen: 15.449 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

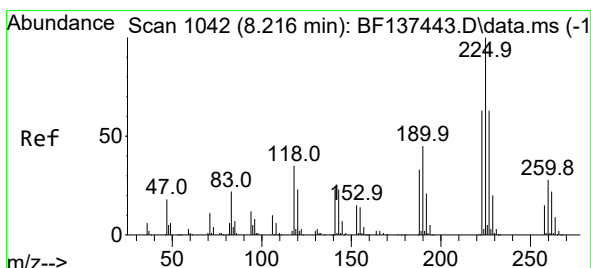
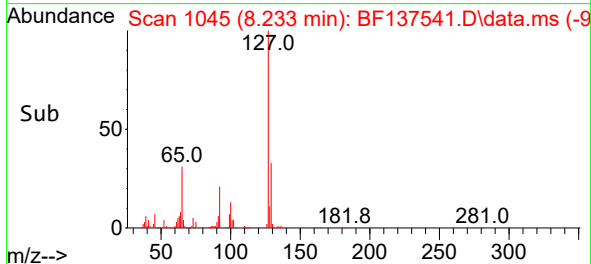
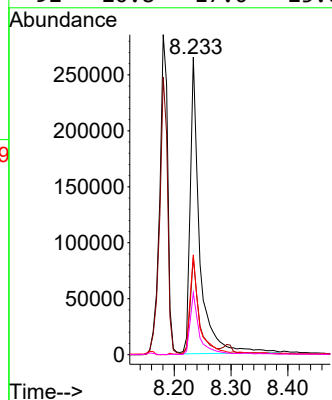
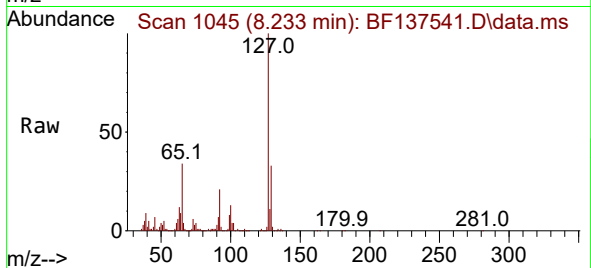
PB159511BS

Tgt Ion:127 Resp: 30706
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0
65 33.6 26.8 40.2
92 20.8 17.0 25.6

Manual Integrations

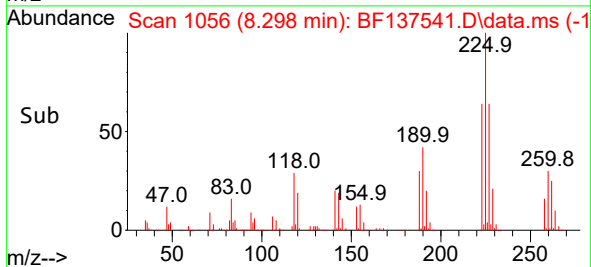
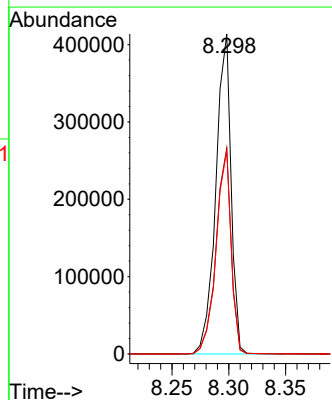
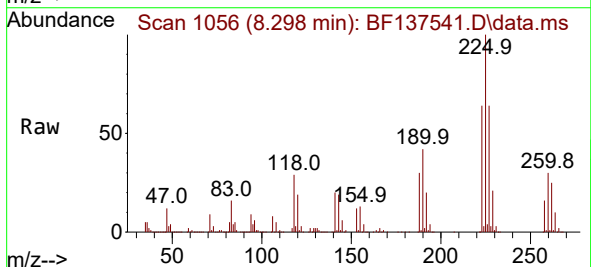
APPROVED

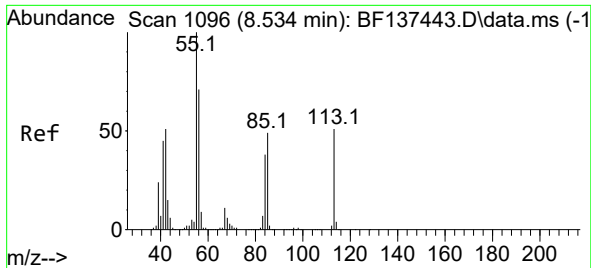
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#34
Hexachlorobutadiene
Concen: 44.788 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

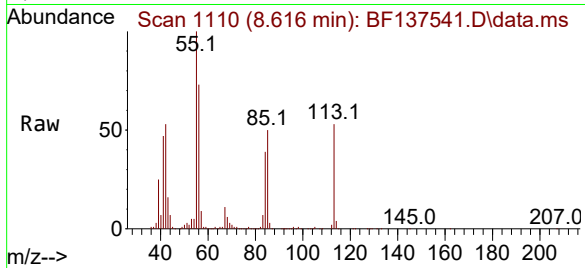
Tgt Ion:225 Resp: 386951
Ion Ratio Lower Upper
225 100
223 64.3 50.7 76.1
227 63.6 50.6 75.8





#35
Caprolactam
Concen: 48.534 ng m
RT: 8.616 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

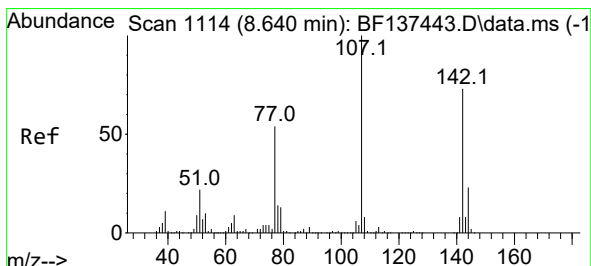
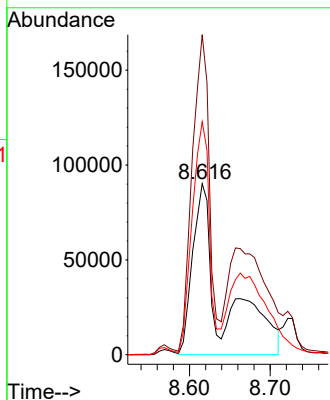
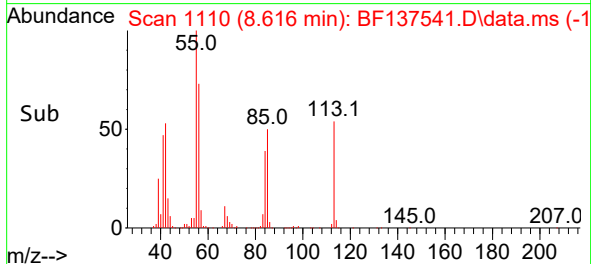
Instrument :
BNA_F
ClientSampleId :
PB159511BS



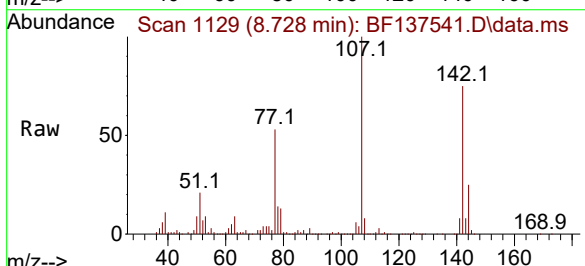
Tgt Ion:113 Resp: 22885
Ion Ratio Lower Upper
113 100
55 187.1 176.7 216.7
56 136.2 120.6 160.6

Manual Integrations
APPROVED

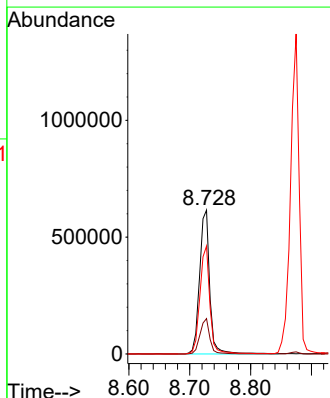
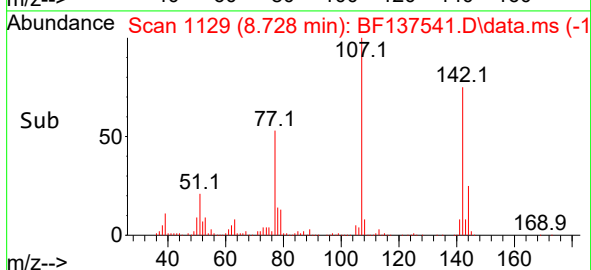
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

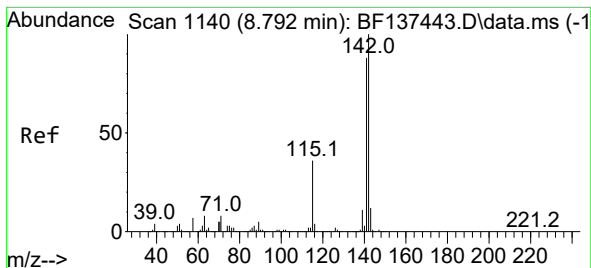


#36
4-Chloro-3-methylphenol
Concen: 45.805 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



Tgt Ion:107 Resp: 712001
Ion Ratio Lower Upper
107 100
144 24.6 18.7 28.1
142 75.0 58.2 87.2





#37
2-Methylnaphthalene
Concen: 41.781 ng
RT: 8.875 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

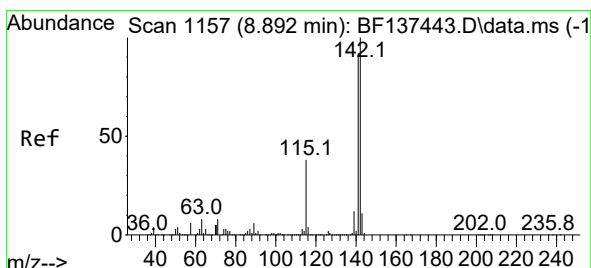
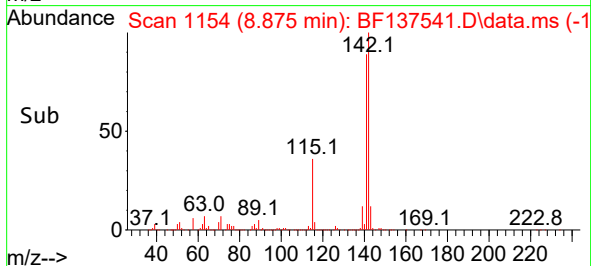
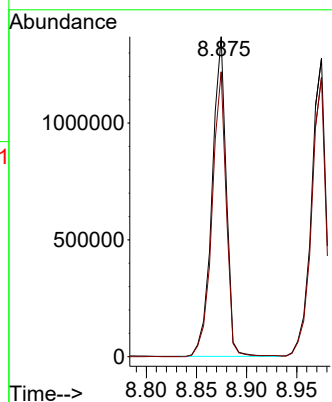
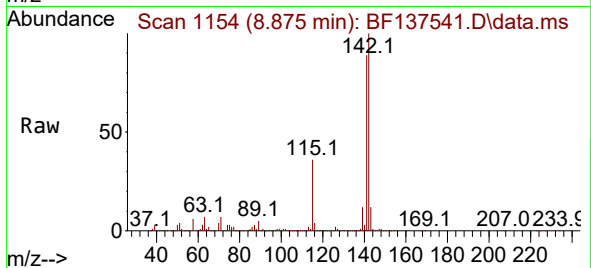
PB159511BS

Tgt Ion:142 Resp: 1350098
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6

Manual Integrations

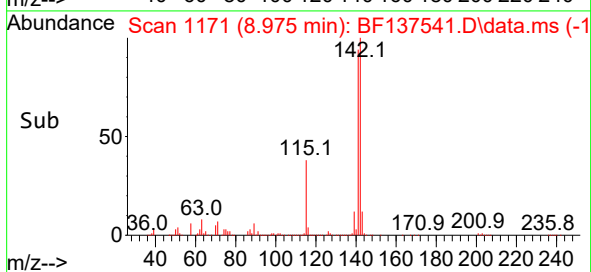
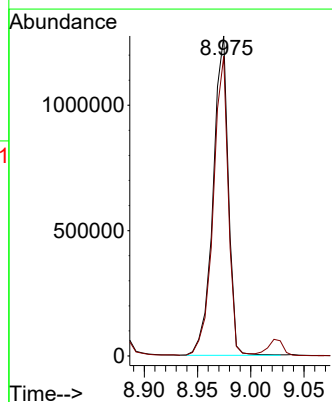
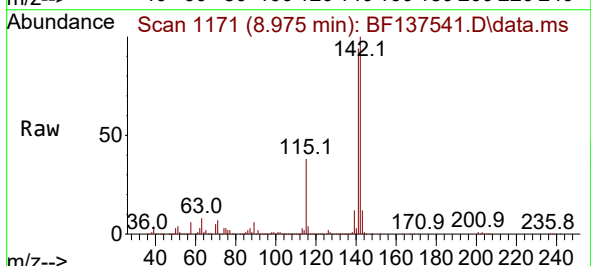
APPROVED

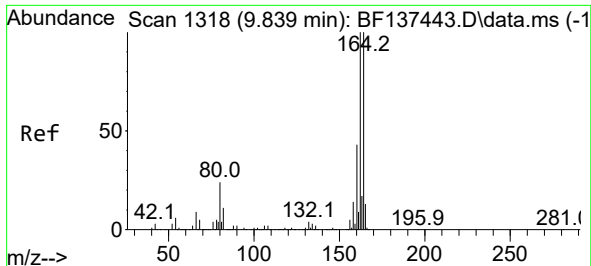
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#38
1-Methylnaphthalene
Concen: 41.726 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

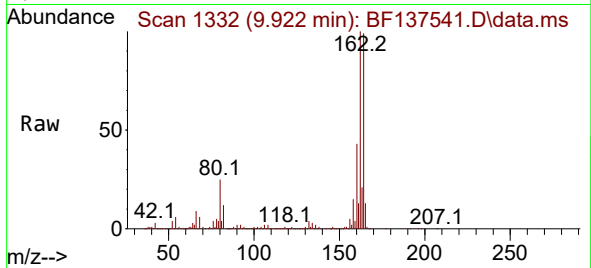
Tgt Ion:142 Resp: 1269746
Ion Ratio Lower Upper
142 100
141 93.6 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

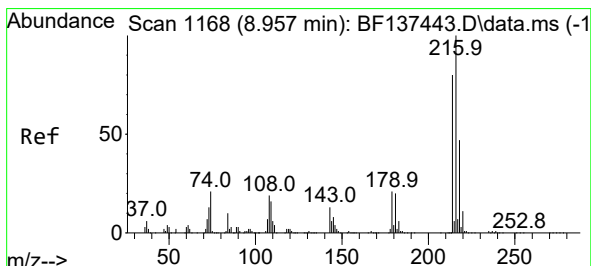
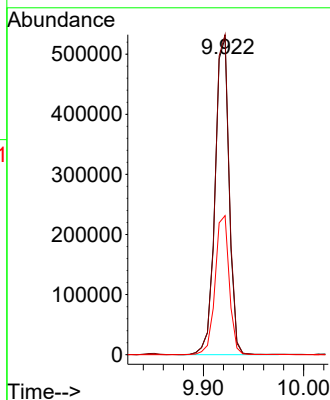
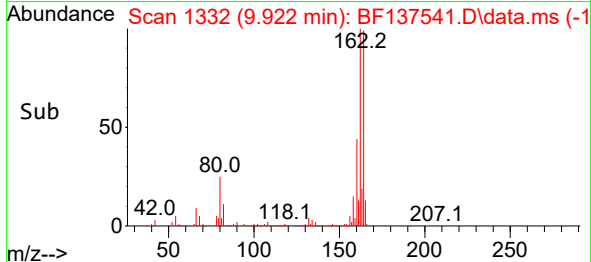
Instrument :
BNA_F
ClientSampleId :
PB159511BS



Tgt Ion:164 Resp: 513530
Ion Ratio Lower Upper
164 100
162 100.9 79.8 119.8
160 43.9 34.4 51.6

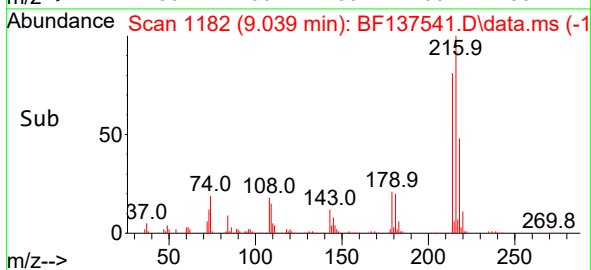
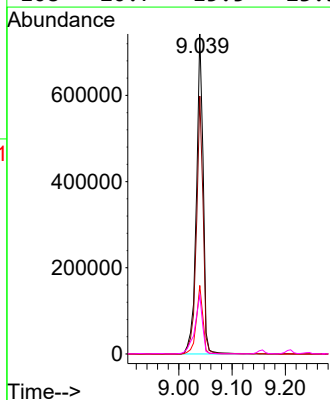
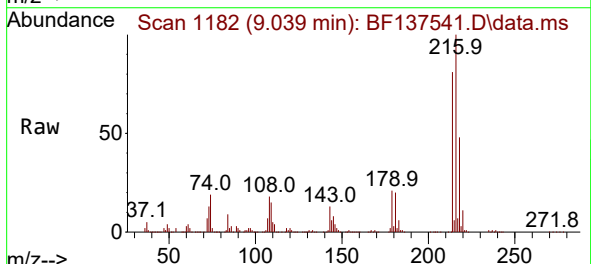
Manual Integrations
APPROVED

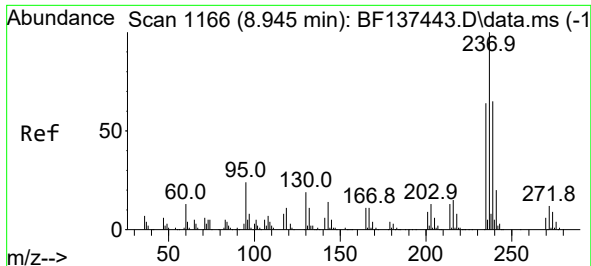
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.833 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion:216 Resp: 657078
Ion Ratio Lower Upper
216 100
214 79.5 63.5 95.3
179 20.6 16.6 25.0
108 20.7 15.5 23.3





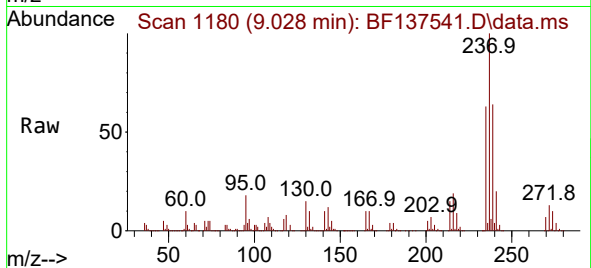
#41
Hexachlorocyclopentadiene
Concen: 94.944 ng
RT: 9.028 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS



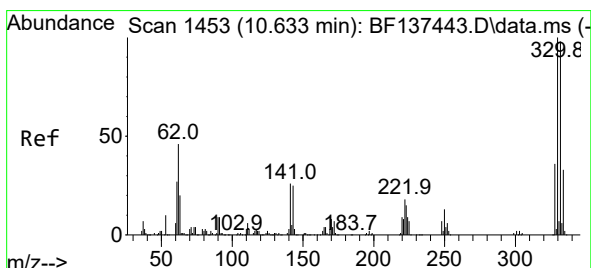
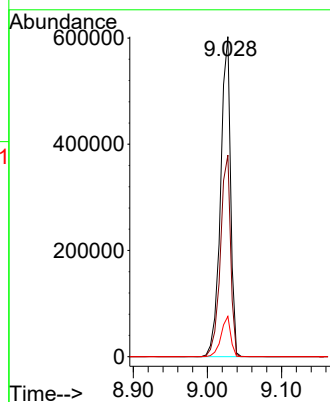
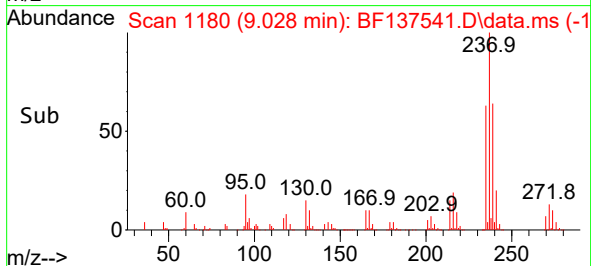
Tgt Ion:237 Resp: 565527
Ion Ratio Lower Upper
237 100
235 63.0 43.6 83.6
272 12.6 0.0 31.9

Manual Integrations

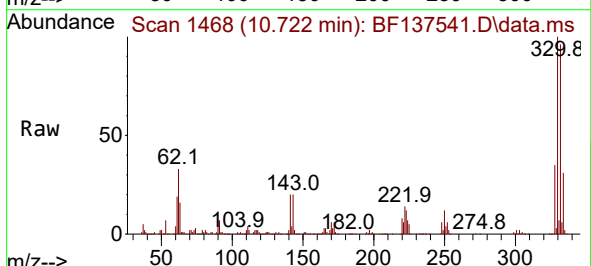
APPROVED

Reviewed By :Yogesh Patel 03/09/2024

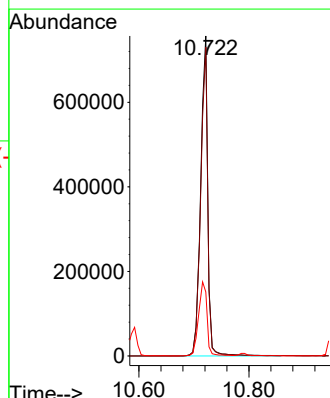
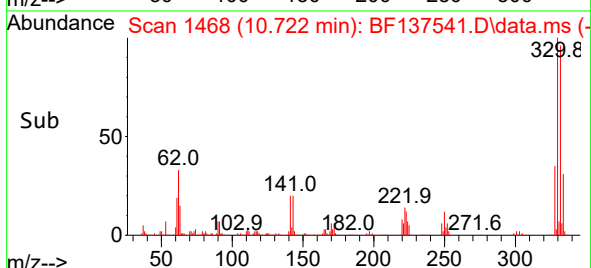
Supervised By :mohammad ahmed 03/09/2024

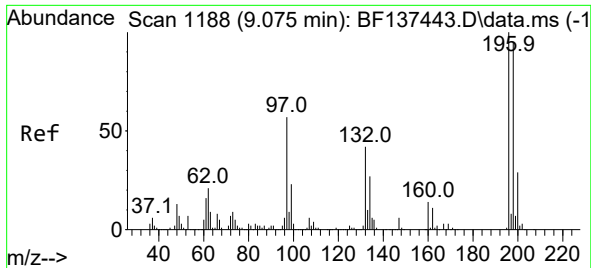


#42
2,4,6-Tribromophenol
Concen: 151.577 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



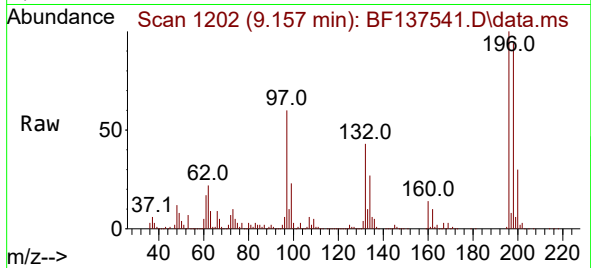
Tgt Ion:330 Resp: 683564
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 27.3 27.3 40.9





#43
2,4,6-Trichlorophenol
Concen: 48.961 ng
RT: 9.157 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

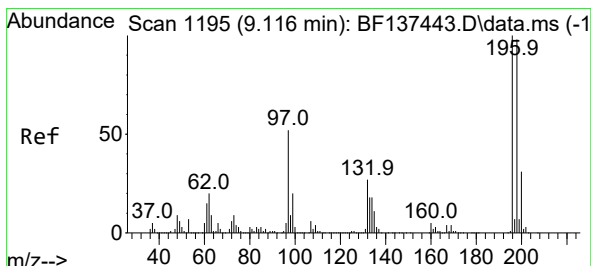
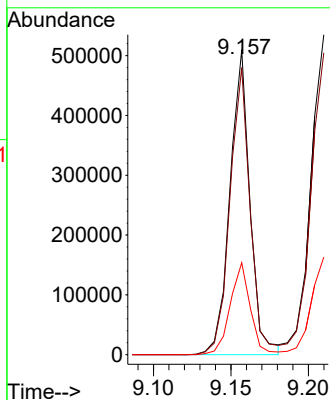
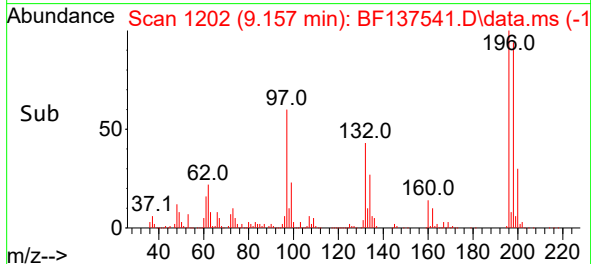
Instrument :
BNA_F
ClientSampleId :
PB159511BS



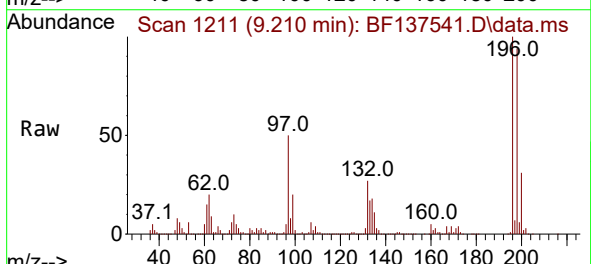
Tgt Ion:196 Resp: 45710
Ion Ratio Lower Upper
196 100
198 94.1 75.8 113.8
200 30.1 23.5 35.3

Manual Integrations
APPROVED

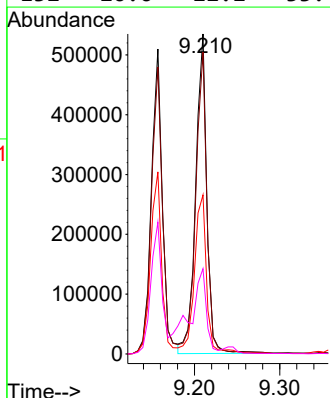
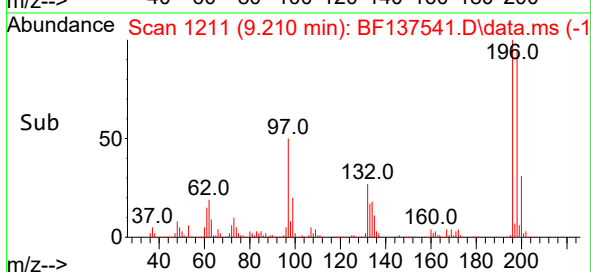
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

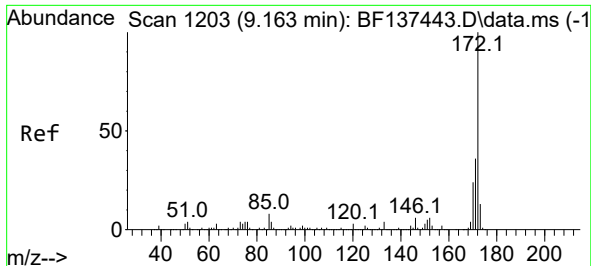


#44
2,4,5-Trichlorophenol
Concen: 45.363 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.018 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



Tgt Ion:196 Resp: 487863
Ion Ratio Lower Upper
196 100
198 94.3 78.6 117.8
97 49.7 41.8 62.8
132 26.6 22.2 33.4





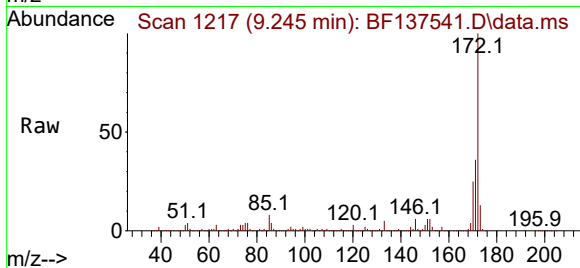
#45
2-Fluorobiphenyl
Concen: 81.568 ng
RT: 9.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS



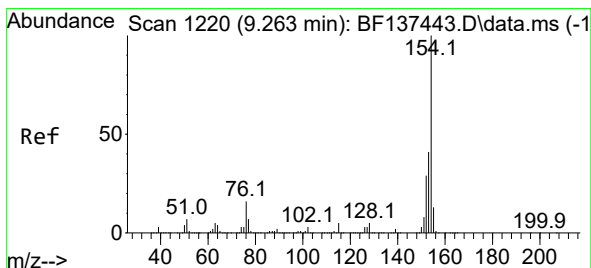
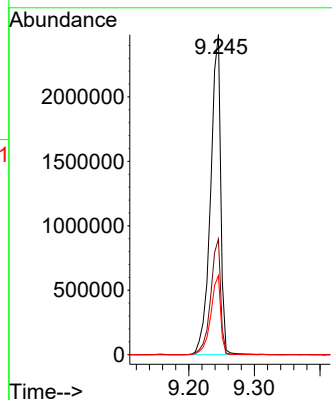
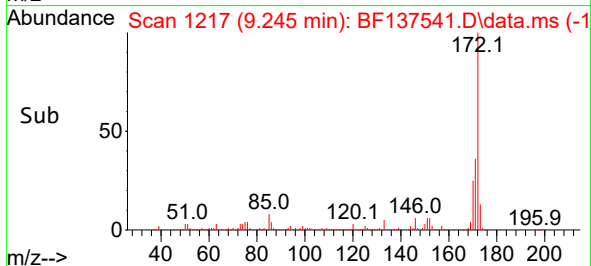
Tgt Ion:172 Resp: 2675904
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.7 19.0 28.6

Manual Integrations

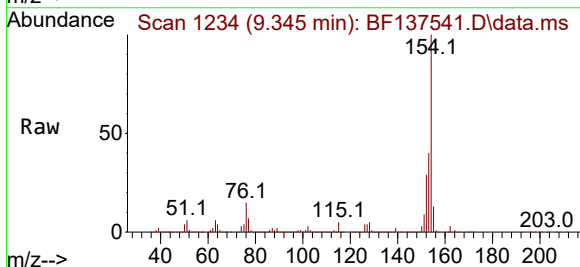
APPROVED

Reviewed By :Yogesh Patel 03/09/2024

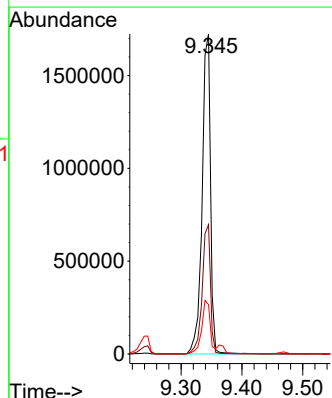
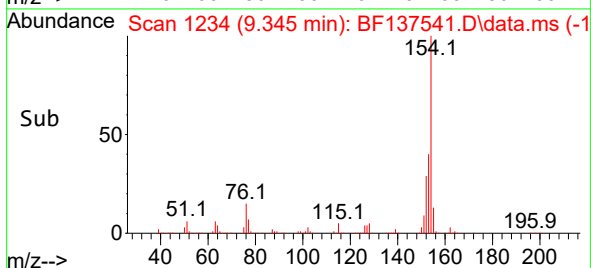
Supervised By :mohammad ahmed 03/09/2024

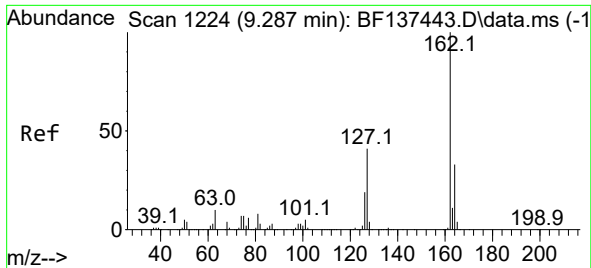


#46
1,1'-Biphenyl
Concen: 44.002 ng
RT: 9.345 min Scan# 1234
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



Tgt Ion:154 Resp: 1653845
Ion Ratio Lower Upper
154 100
153 40.4 21.0 61.0
76 15.4 0.0 35.8





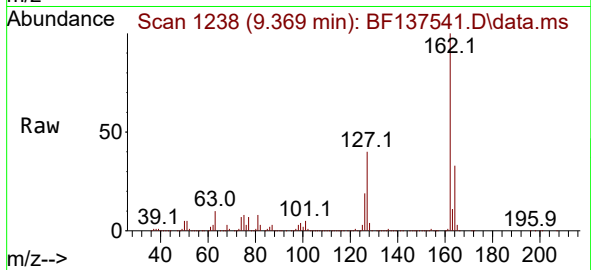
#47
2-Chloronaphthalene
Concen: 46.445 ng
RT: 9.369 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS



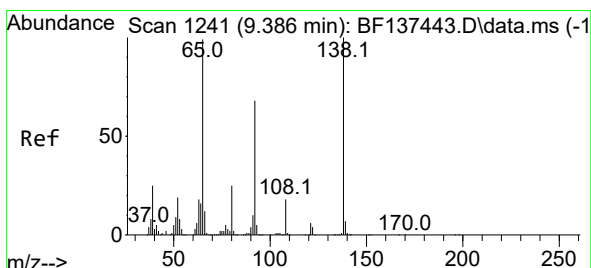
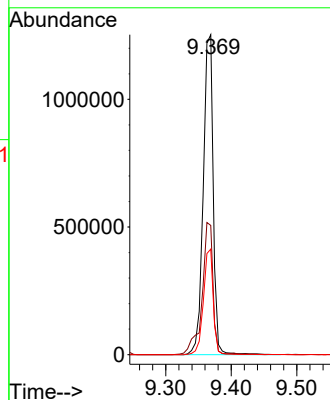
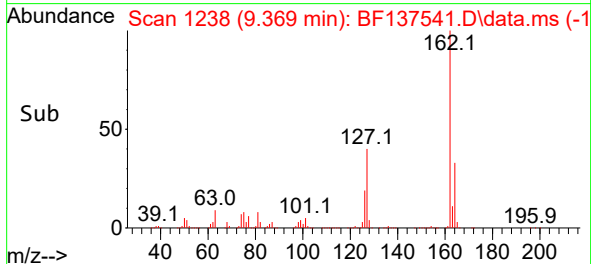
Tgt Ion:162 Resp: 133094
Ion Ratio Lower Upper
162 100
127 40.4 32.6 49.0
164 33.0 26.5 39.7

Manual Integrations

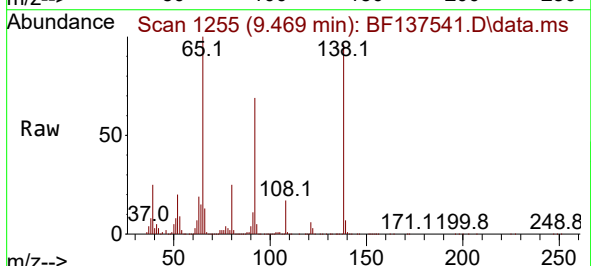
APPROVED

Reviewed By :Yogesh Patel 03/09/2024

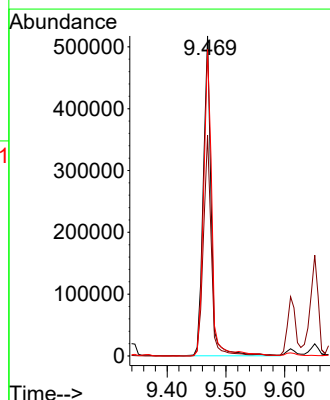
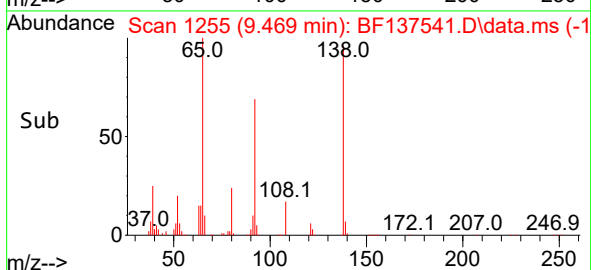
Supervised By :mohammad ahmed 03/09/2024

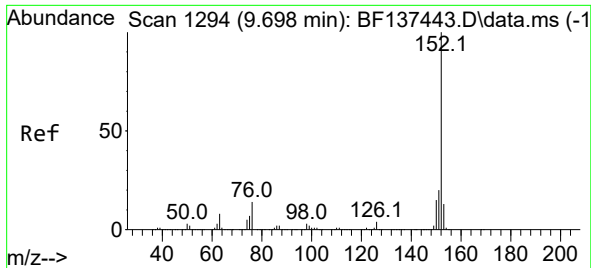


#48
2-Nitroaniline
Concen: 49.517 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



Tgt Ion: 65 Resp: 482295
Ion Ratio Lower Upper
65 100
92 69.0 55.4 83.2
138 95.8 81.0 121.6





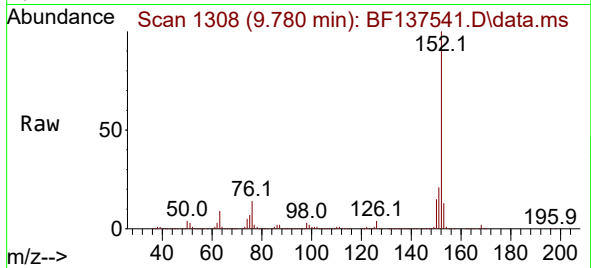
#49
Acenaphthylene
Concen: 44.890 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS

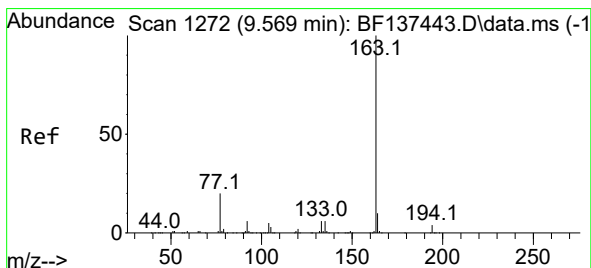
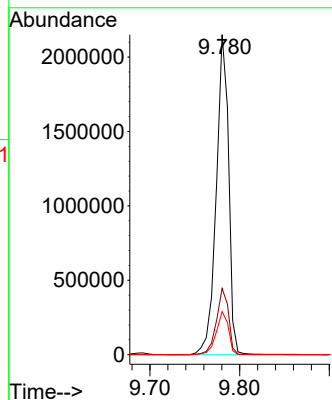
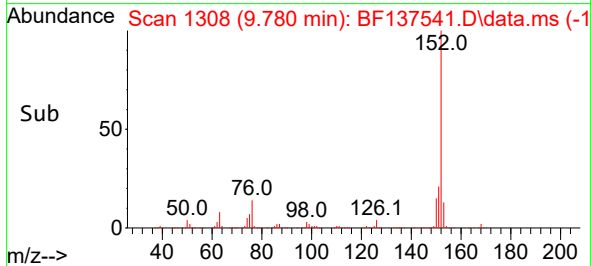


Tgt Ion:152 Resp: 2058638
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.5 10.8 16.2

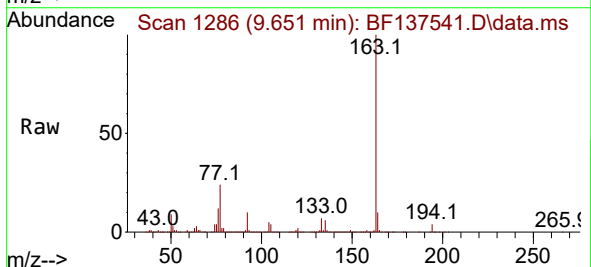
Manual Integrations

APPROVED

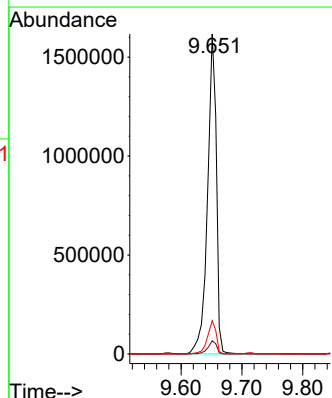
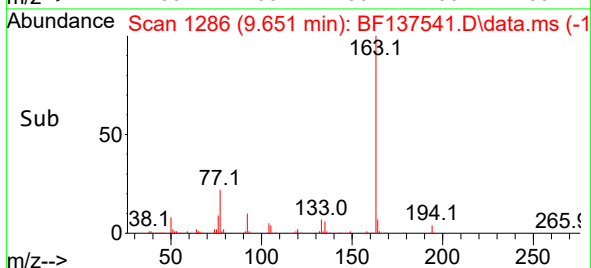
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

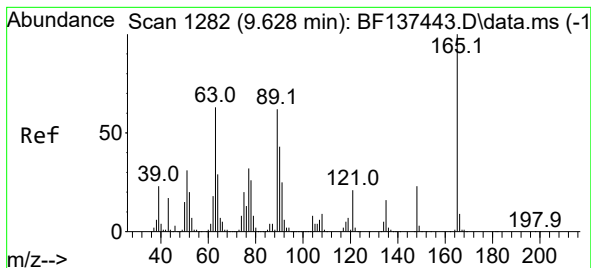


#50
Dimethylphthalate
Concen: 45.747 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



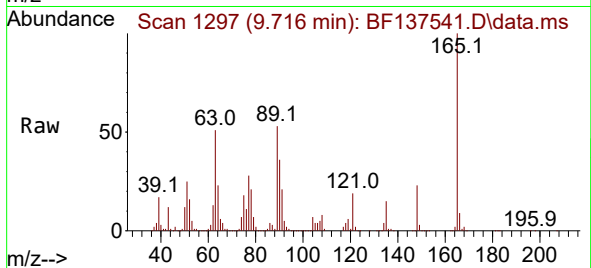
Tgt Ion:163 Resp: 1635353
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.185 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

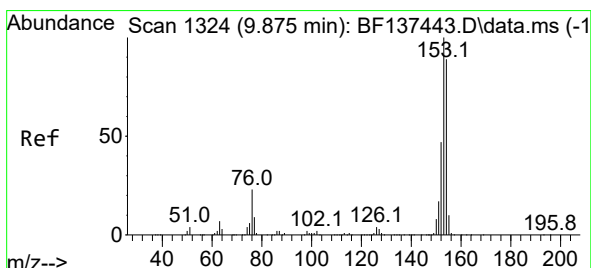
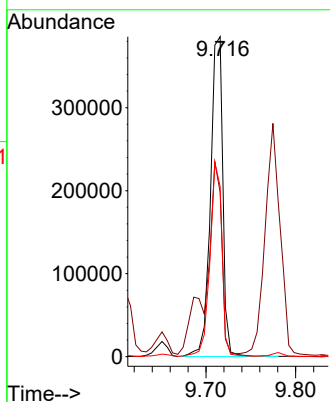
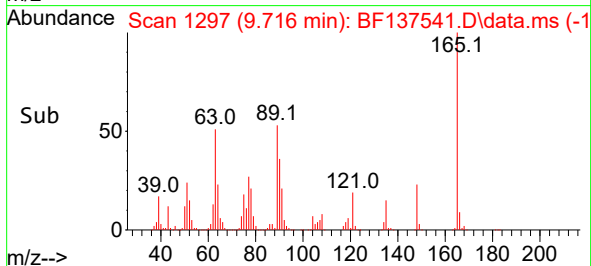
Instrument :
BNA_F
ClientSampleId :
PB159511BS



Tgt Ion:165 Resp: 36775
Ion Ratio Lower Upper
165 100
63 51.4 50.7 76.1
89 53.2 50.0 75.0

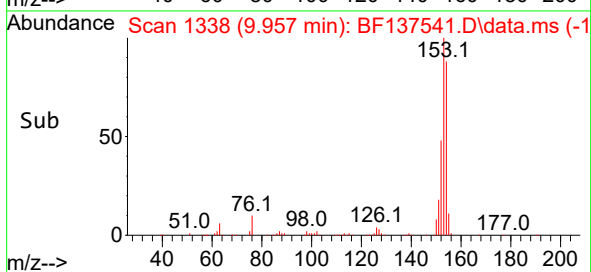
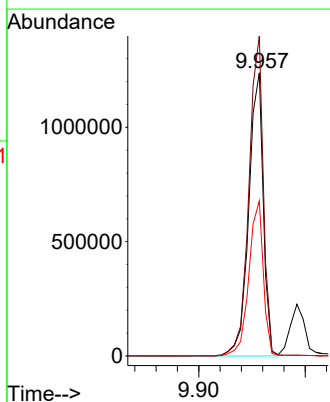
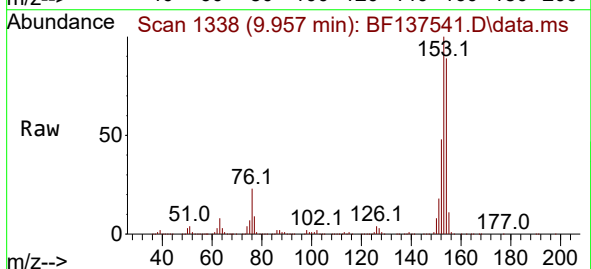
Manual Integrations
APPROVED

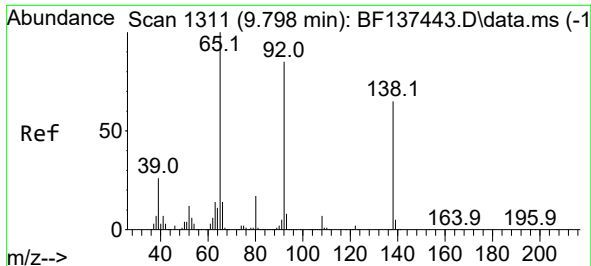
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#52
Acenaphthene
Concen: 42.898 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion:154 Resp: 1174485
Ion Ratio Lower Upper
154 100
153 113.0 90.3 135.5
152 54.8 42.7 64.1





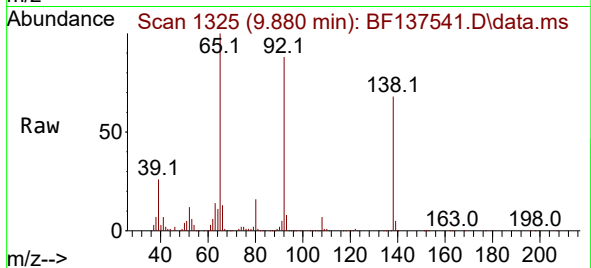
#53
3-Nitroaniline
Concen: 33.301 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS

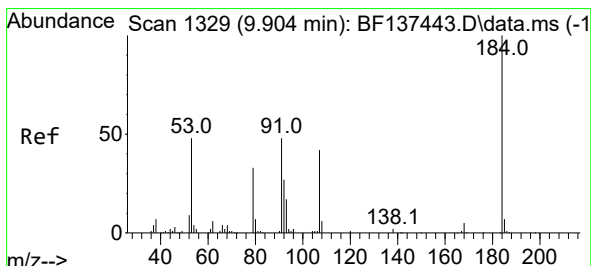
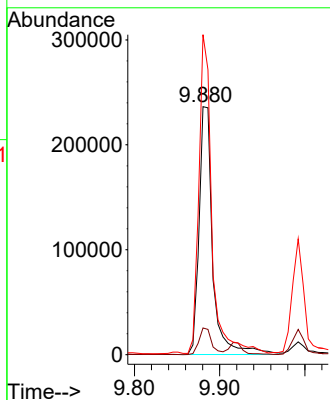
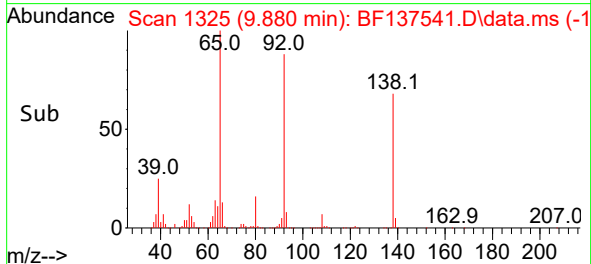


Tgt Ion:138 Resp: 26337
Ion Ratio Lower Upper
138 100
108 10.8 9.1 13.7
92 129.1 104.6 157.0

Manual Integrations

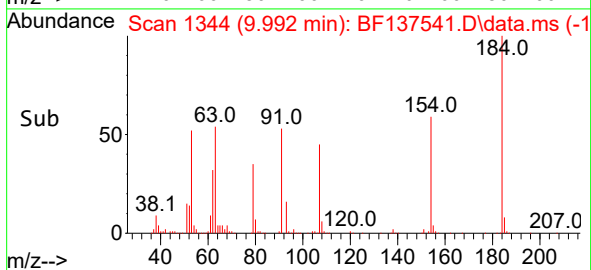
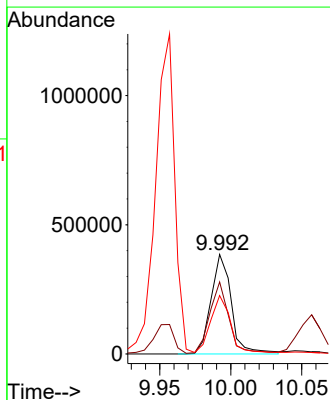
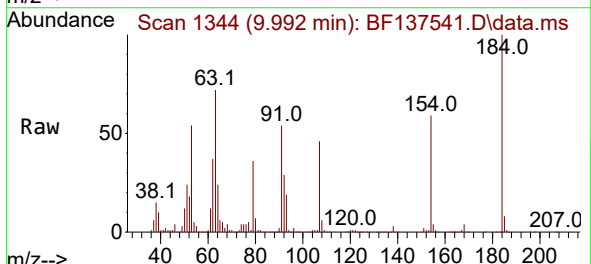
APPROVED

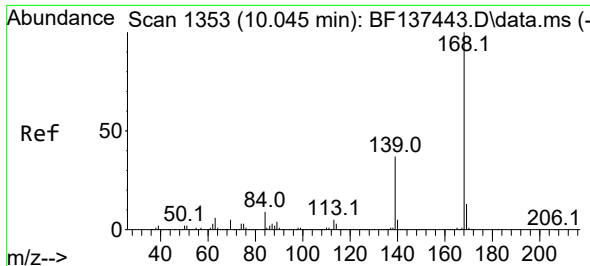
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#54
2,4-Dinitrophenol
Concen: 102.287 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

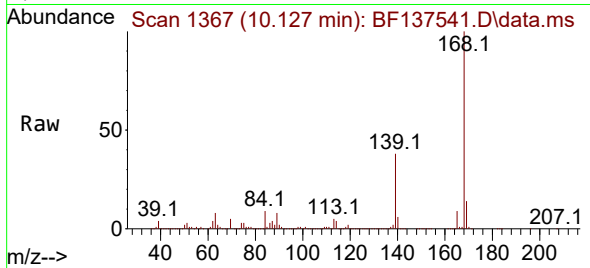
Tgt Ion:184 Resp: 382343
Ion Ratio Lower Upper
184 100
63 72.4 53.3 79.9
154 58.7 47.4 71.0





#55
Dibenzenofuran
Concen: 42.298 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

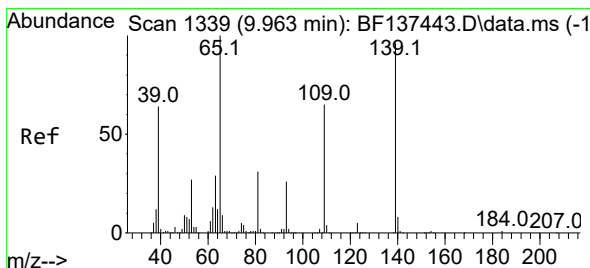
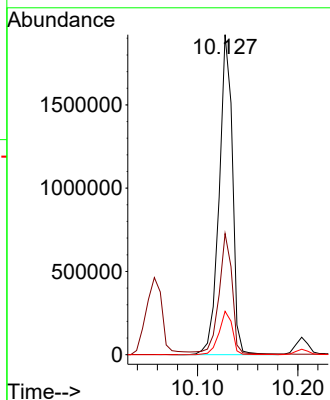
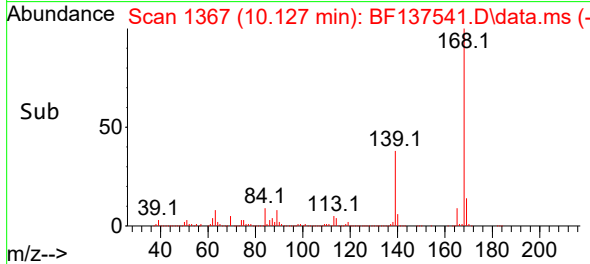
Instrument :
BNA_F
ClientSampleId :
PB159511BS



Tgt Ion:168 Resp: 176379
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.6
169 13.6 10.8 16.2

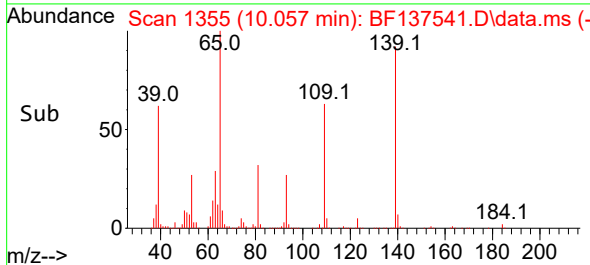
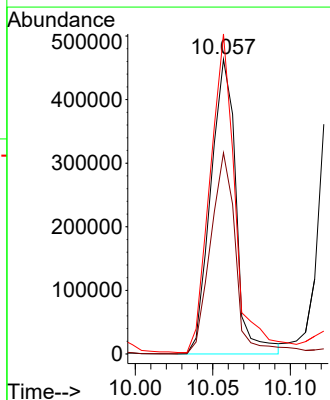
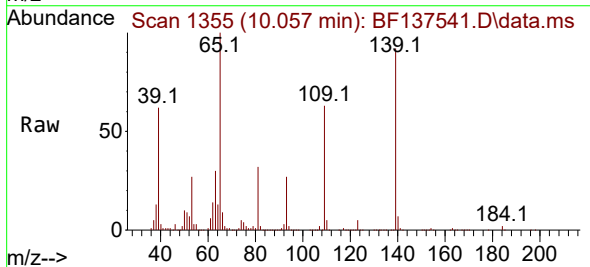
Manual Integrations
APPROVED

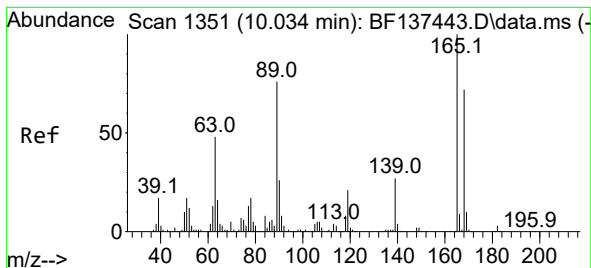
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#56
4-Nitrophenol
Concen: 92.732 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion:139 Resp: 526070
Ion Ratio Lower Upper
139 100
109 68.3 47.1 87.1
65 108.6 85.1 125.1





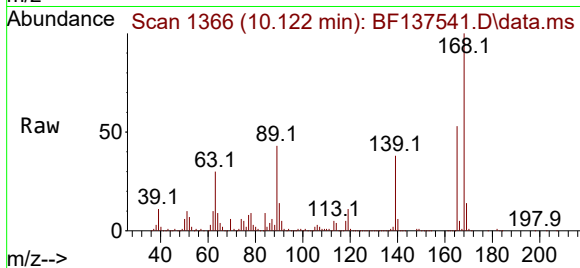
#57
2,4-Dinitrotoluene
Concen: 48.278 ng
RT: 10.122 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS



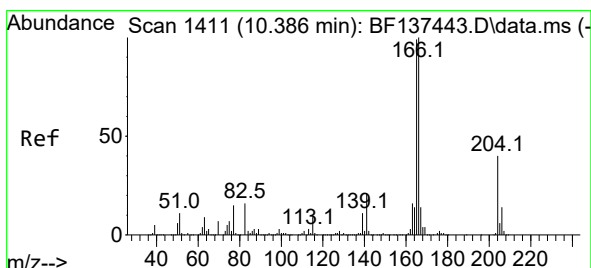
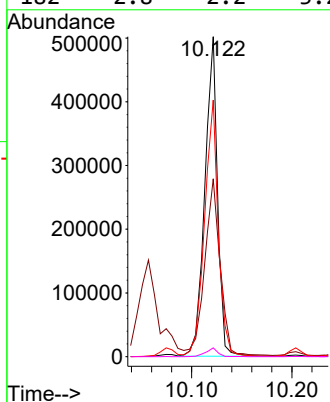
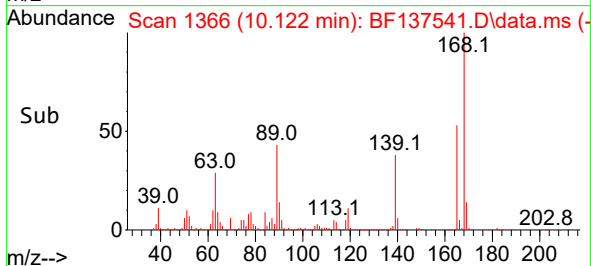
Tgt Ion:165 Resp: 443479
Ion Ratio Lower Upper
165 100
63 55.6 39.0 58.6
89 80.2 60.9 91.3
182 2.8 2.2 3.2

Manual Integrations

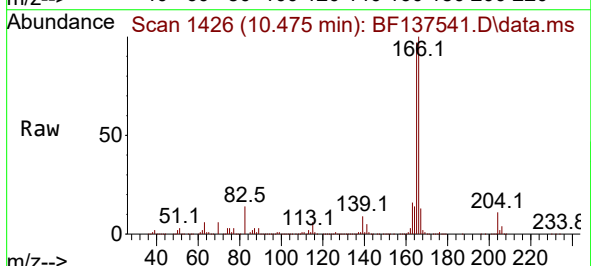
APPROVED

Reviewed By :Yogesh Patel 03/09/2024

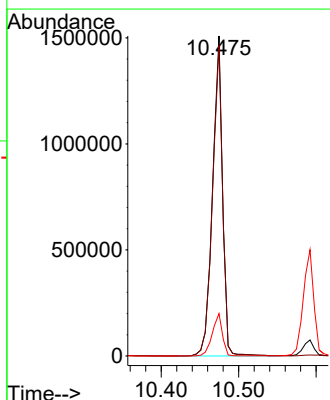
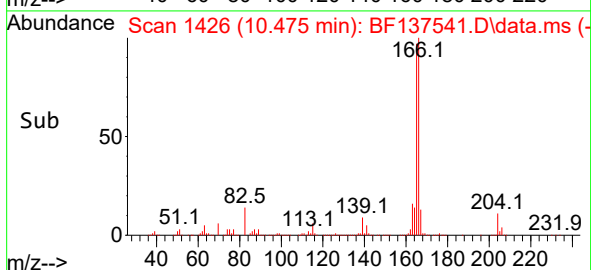
Supervised By :mohammad ahmed 03/09/2024

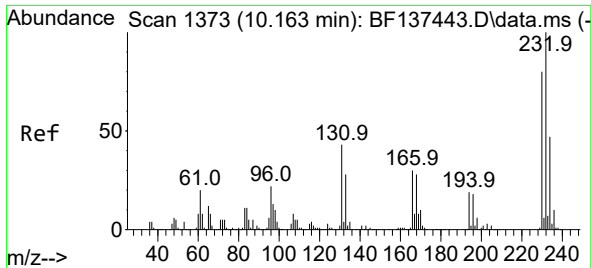


#58
Fluorene
Concen: 42.162 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



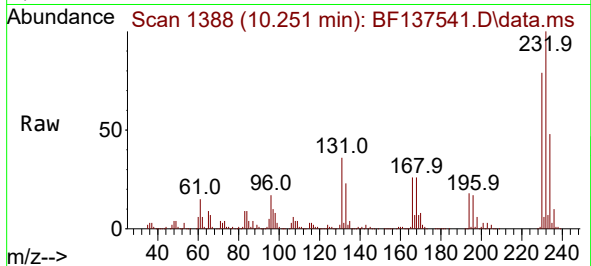
Tgt Ion:166 Resp: 1350211
Ion Ratio Lower Upper
166 100
165 97.0 79.2 118.8
167 13.3 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.753 ng
RT: 10.251 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

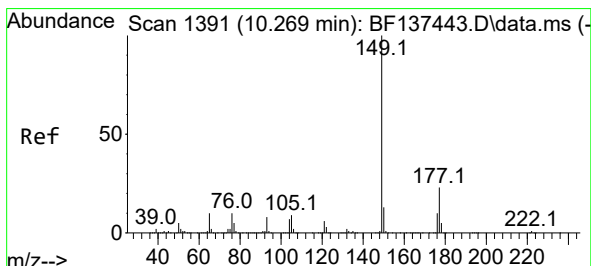
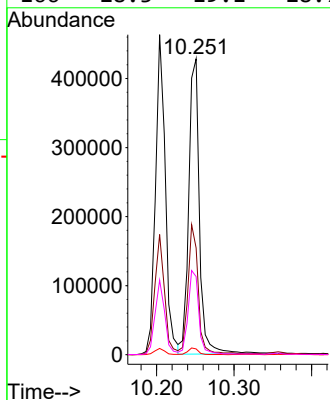
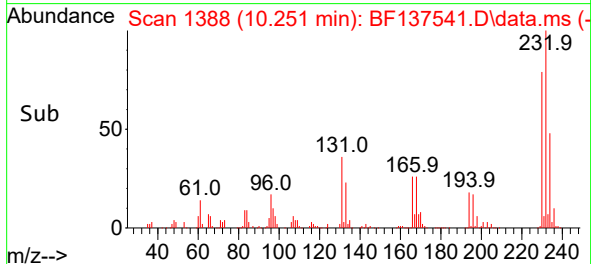
Instrument :
BNA_F
ClientSampleId :
PB159511BS



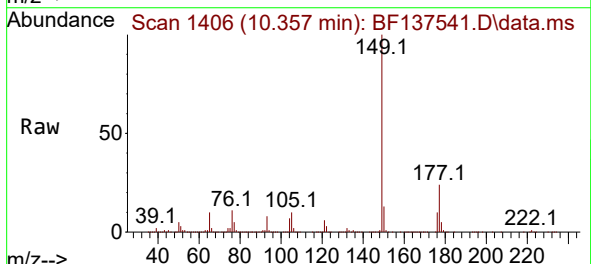
Tgt Ion:232 Resp: 41183
Ion Ratio Lower Upper
232 100
131 42.7 31.2 46.8
130 2.2 1.8 2.6
166 28.3 19.1 28.7

Manual Integrations
APPROVED

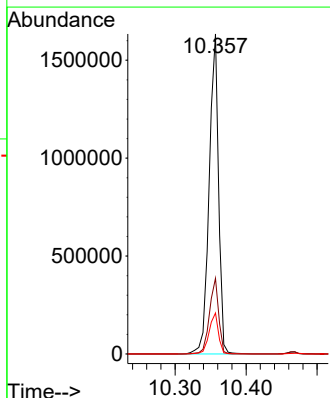
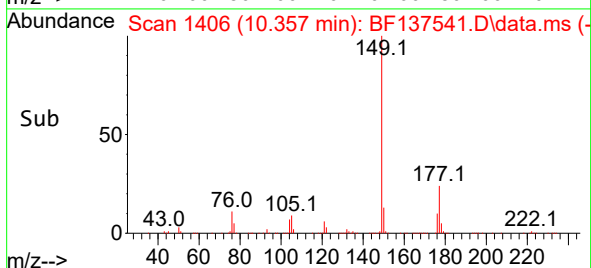
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

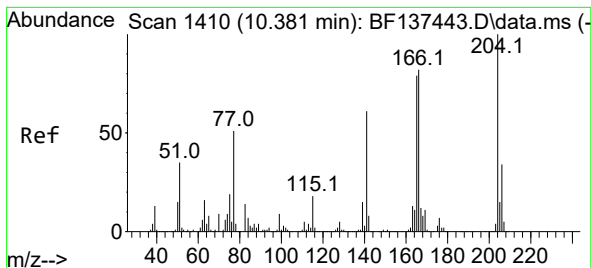


#60
Diethylphthalate
Concen: 44.633 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



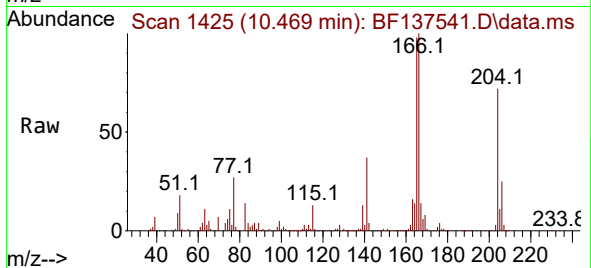
Tgt Ion:149 Resp: 1506681
Ion Ratio Lower Upper
149 100
177 23.7 18.7 28.1
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.530 ng
RT: 10.469 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

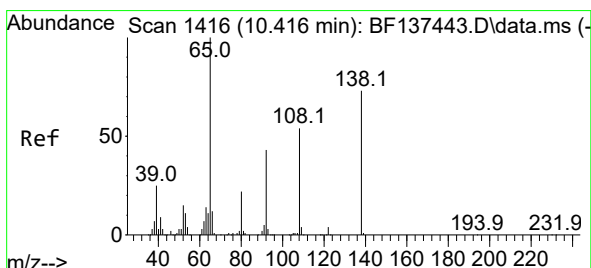
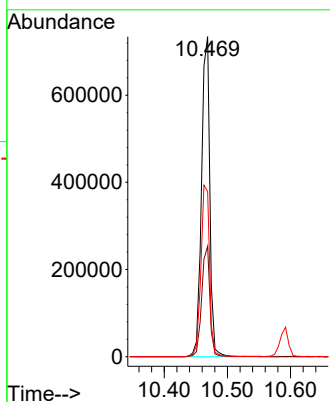
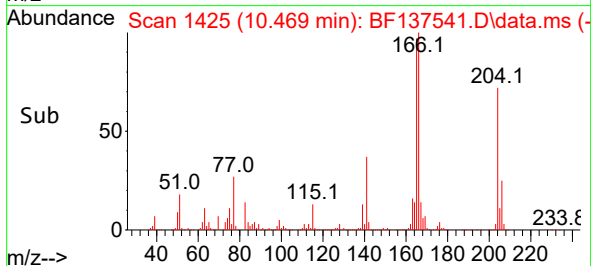
Instrument :
BNA_F
ClientSampleId :
PB159511BS



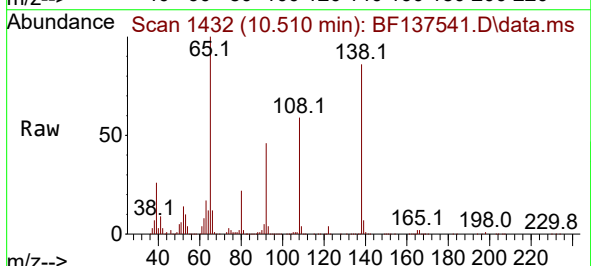
Tgt Ion:204 Resp: 66751
Ion Ratio Lower Upper
204 100
206 34.5 27.4 41.0
141 51.6 48.4 72.6

Manual Integrations
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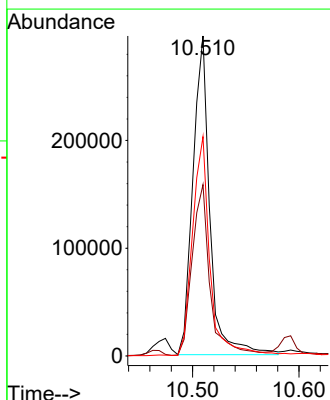
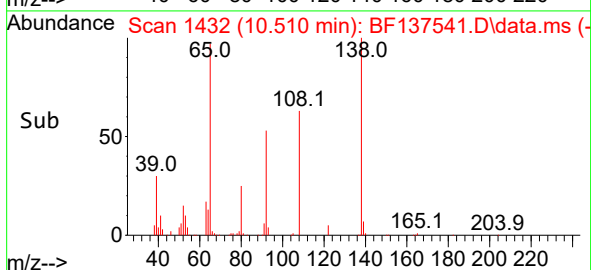
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

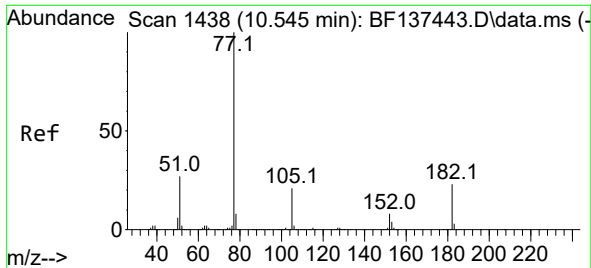


#62
4-Nitroaniline
Concen: 48.299 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



Tgt Ion:138 Resp: 328309
Ion Ratio Lower Upper
138 100
92 53.5 37.9 77.9
108 68.5 53.2 93.2





#63
Azobenzene
Concen: 43.886 ng
RT: 10.627 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

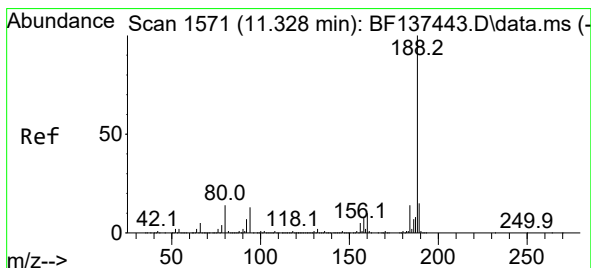
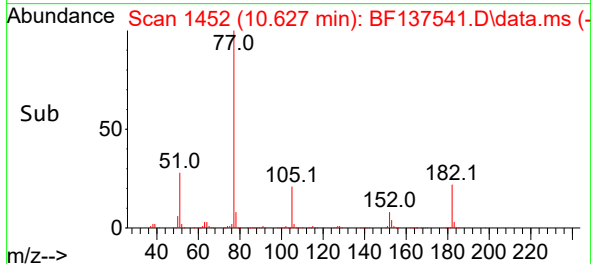
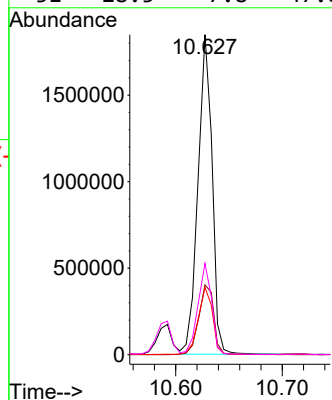
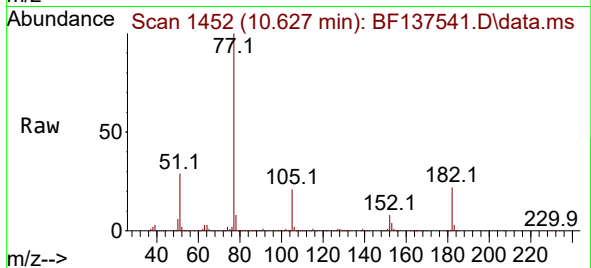
PB159511BS

Tgt Ion: 77 Resp: 170590
Ion Ratio Lower Upper
77 100
182 21.8 3.2 43.2
105 21.0 1.2 41.2
51 28.5 7.8 47.8

Manual Integrations

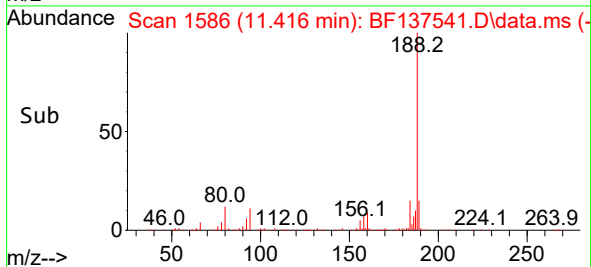
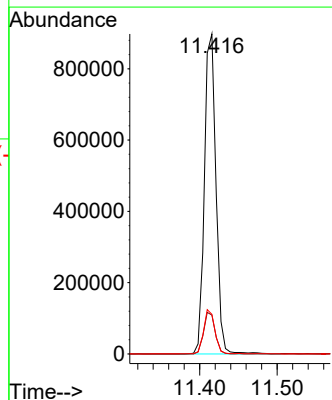
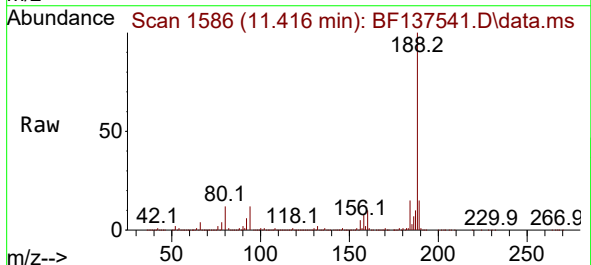
APPROVED

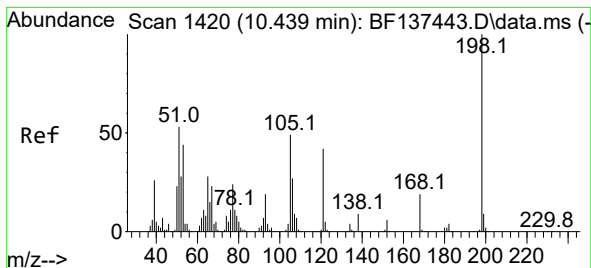
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion:188 Resp: 930256
Ion Ratio Lower Upper
188 100
94 12.1 10.6 15.8
80 12.4 11.5 17.3





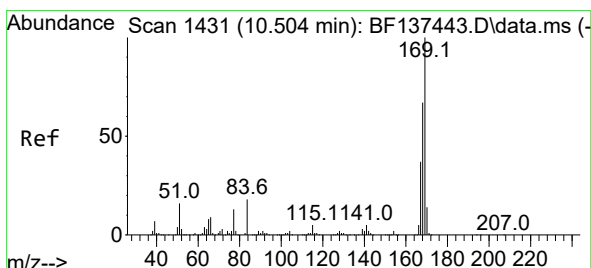
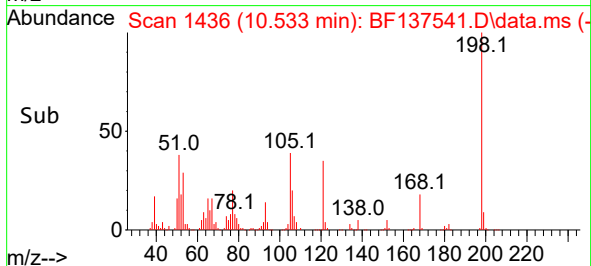
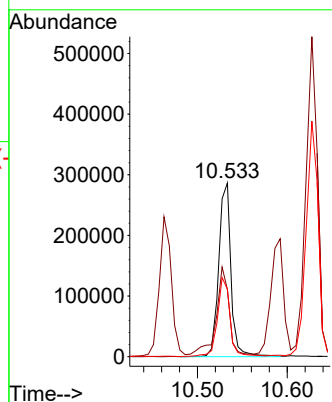
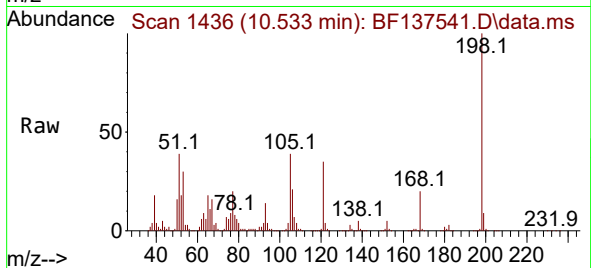
#65
4,6-Dinitro-2-methylphenol
Concen: 52.412 ng
RT: 10.533 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :
BNA_F
ClientSampleId :
PB159511BS

Tgt Ion:198 Resp: 271744
Ion Ratio Lower Upper
198 100
51 38.6 37.2 77.2
105 38.8 29.2 69.2

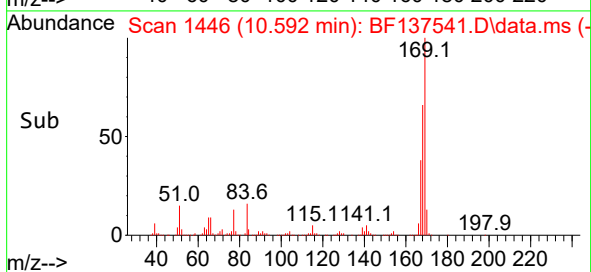
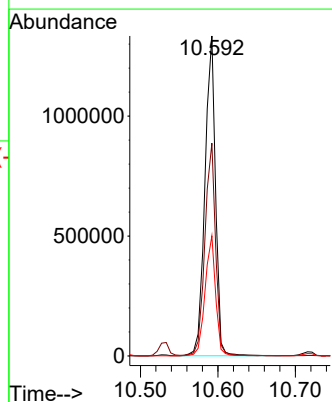
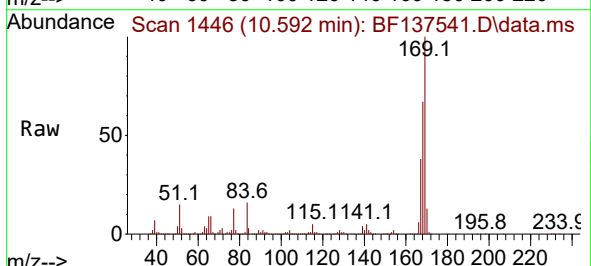
Manual Integrations
APPROVED

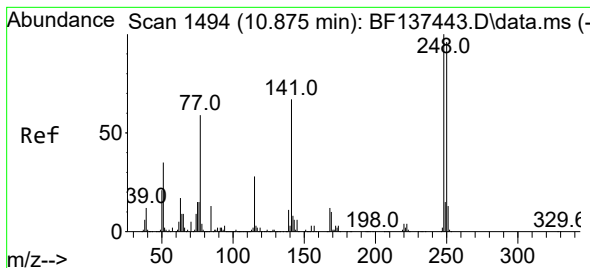
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#66
n-Nitrosodiphenylamine
Concen: 42.332 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion:169 Resp: 1268067
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.6
167 37.6 29.6 44.4





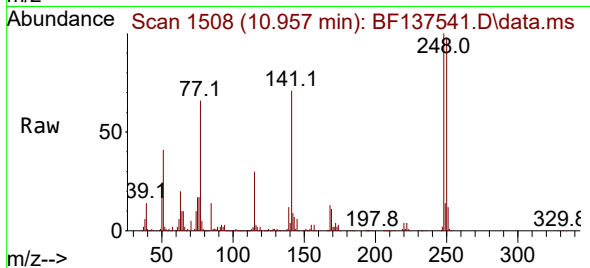
#67
4-Bromophenyl-phenylether
Concen: 44.304 ng
RT: 10.957 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS



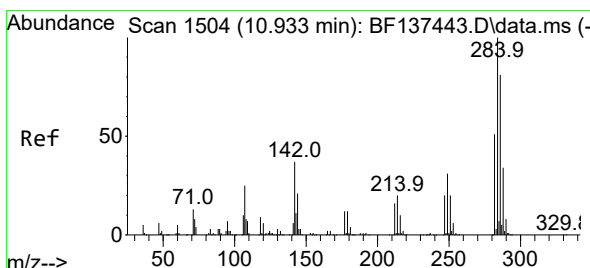
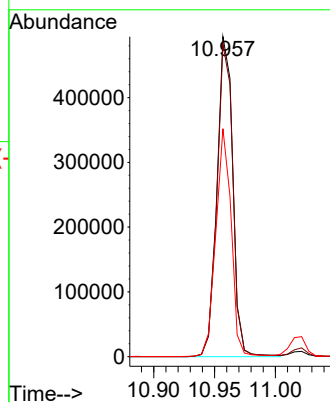
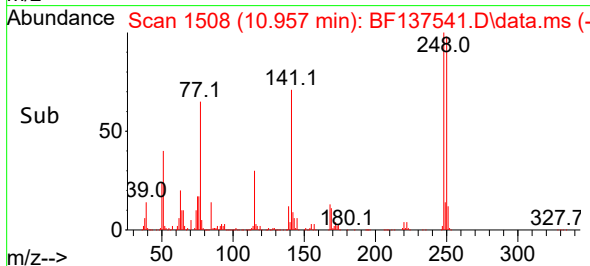
Tgt Ion:248 Resp: 448890
Ion Ratio Lower Upper
248 100
250 97.7 76.8 115.2
141 71.3 53.4 80.0

Manual Integrations

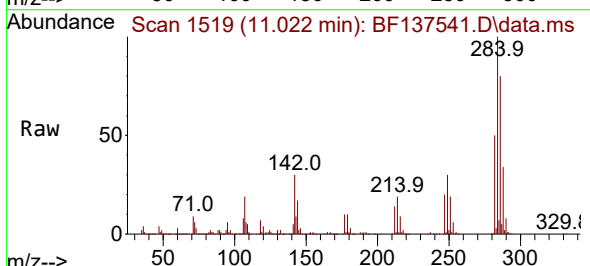
APPROVED

Reviewed By :Yogesh Patel 03/09/2024

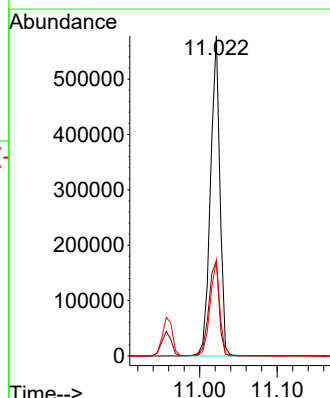
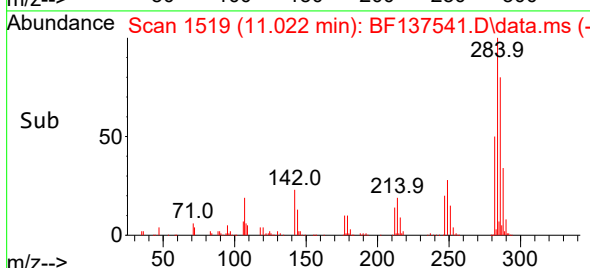
Supervised By :mohammad ahmed 03/09/2024

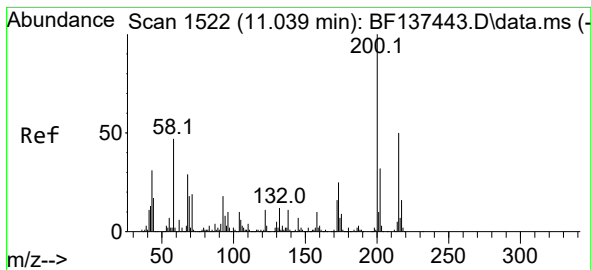


#68
Hexachlorobenzene
Concen: 47.504 ng
RT: 11.022 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



Tgt Ion:284 Resp: 486140
Ion Ratio Lower Upper
284 100
142 29.6 29.4 44.0
249 29.9 25.0 37.4





#69

Atrazine

Concen: 41.120 ng

RT: 11.127 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS

Tgt Ion:200 Resp: 37445

Ion Ratio Lower Upper

200 100

173 26.3 5.1 45.1

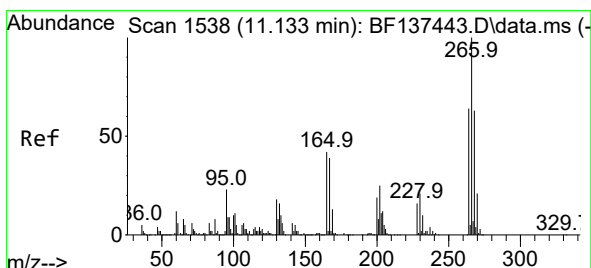
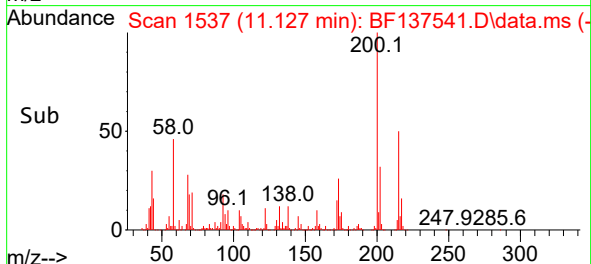
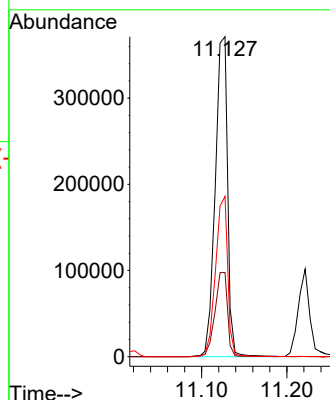
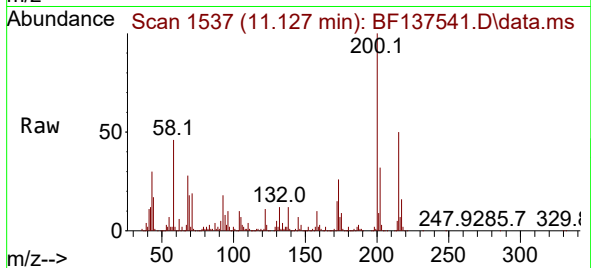
215 50.1 30.4 70.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#70

Pentachlorophenol

Concen: 88.045 ng

RT: 11.222 min Scan# 1553

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

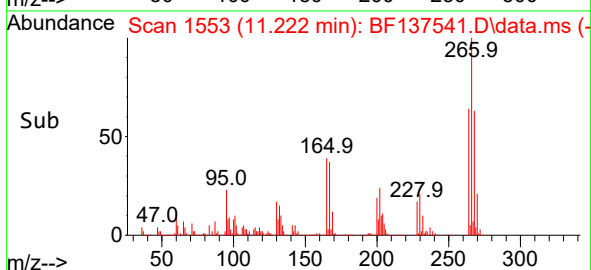
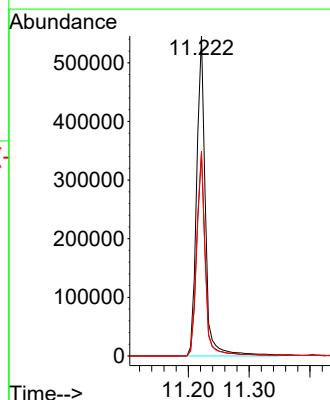
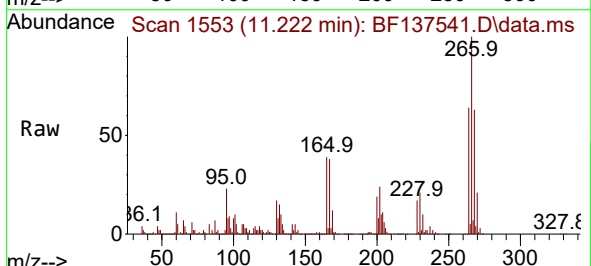
Tgt Ion:266 Resp: 544684

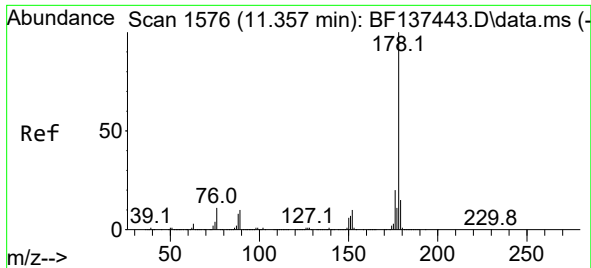
Ion Ratio Lower Upper

266 100

268 63.5 50.2 75.2

264 63.9 50.9 76.3





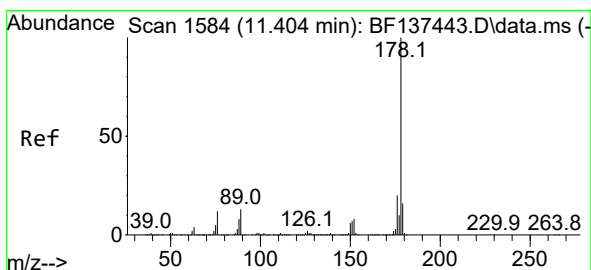
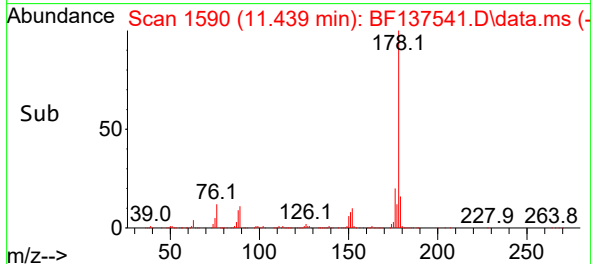
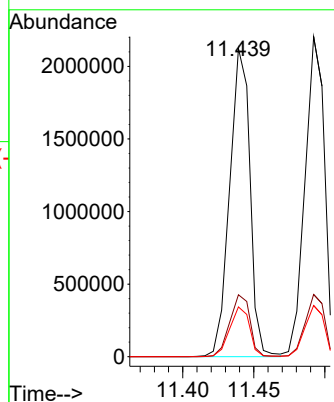
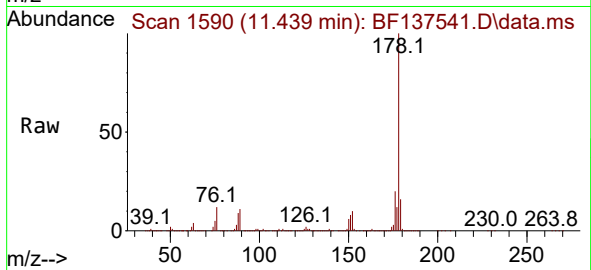
#71
Phenanthrene
Concen: 41.819 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :
BNA_F
ClientSampleId :
PB159511BS

Tgt Ion:178 Resp: 211715
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 16.1 12.2 18.2

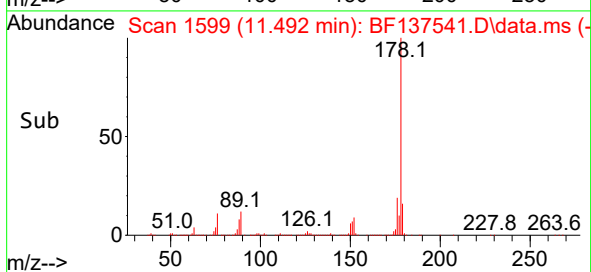
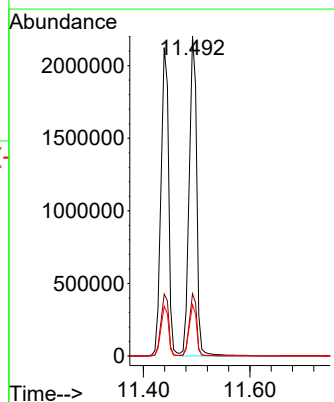
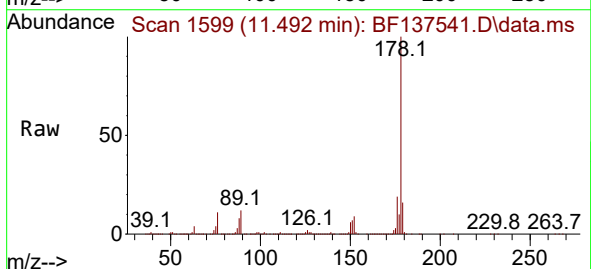
Manual Integrations
APPROVED

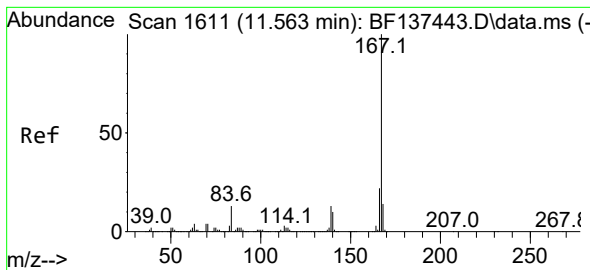
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#72
Anthracene
Concen: 41.471 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion:178 Resp: 2156348
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 16.0 12.7 19.1





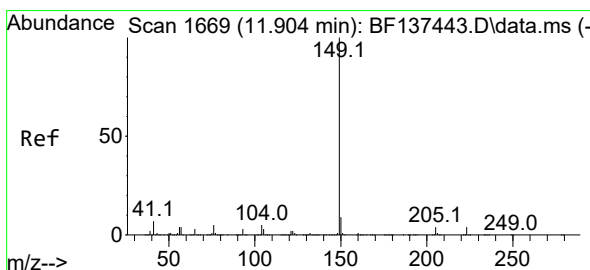
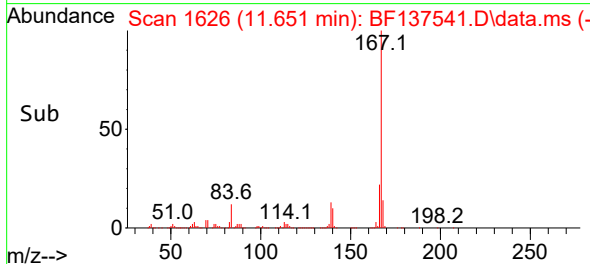
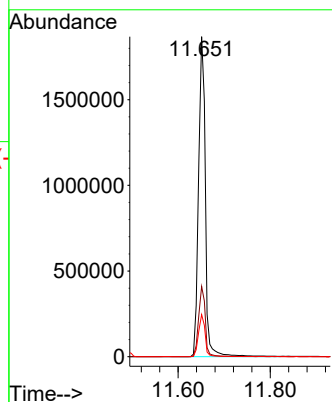
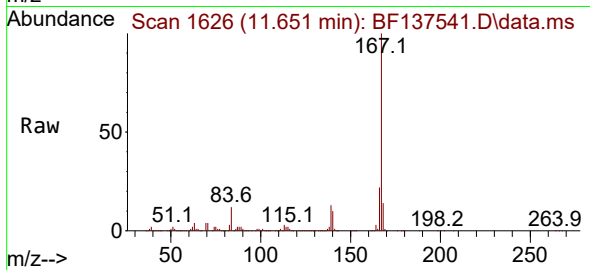
#73
 Carbazole
 Concen: 42.721 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. -0.000 min
 Lab File: BF137541.D
 Acq: 08 Mar 2024 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB159511BS

Tgt Ion:167 Resp: 1902733
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 13.1 10.5 15.7

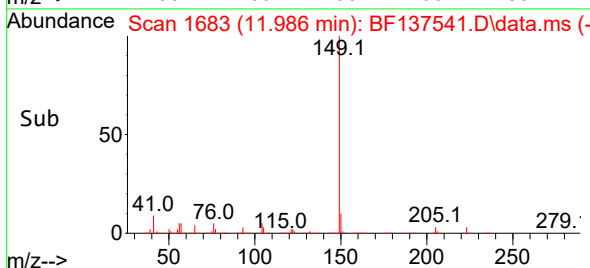
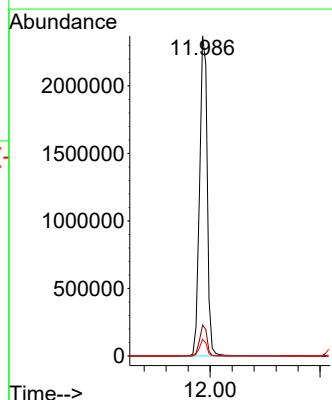
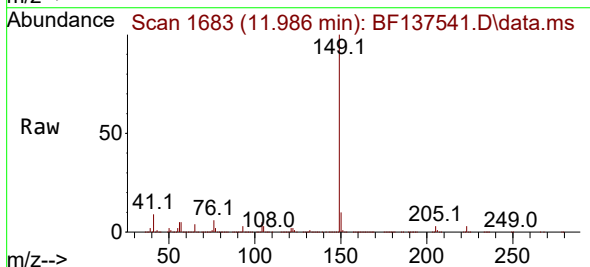
Manual Integrations
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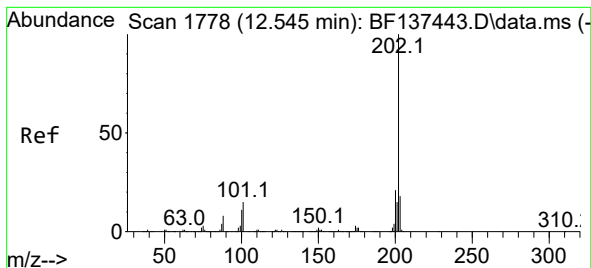
Reviewed By :Yogesh Patel 03/09/2024
 Supervised By :mohammad ahmed 03/09/2024



#74
 Di-n-butylphthalate
 Concen: 43.358 ng
 RT: 11.986 min Scan# 1683
 Delta R.T. -0.000 min
 Lab File: BF137541.D
 Acq: 08 Mar 2024 14:05

Tgt Ion:149 Resp: 2297552
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.0
 104 5.2 3.8 5.6





#75

Fluoranthene

Concen: 41.268 ng

RT: 12.639 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS

Tgt Ion:202 Resp: 204221

Ion Ratio Lower Upper

202 100

101 12.9 0.0 35.0

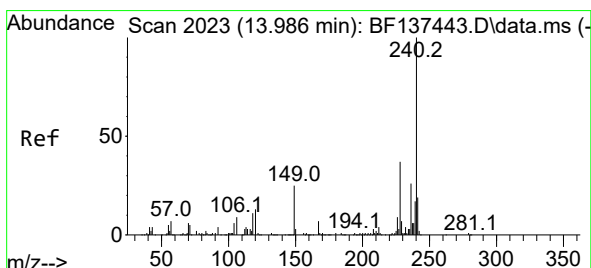
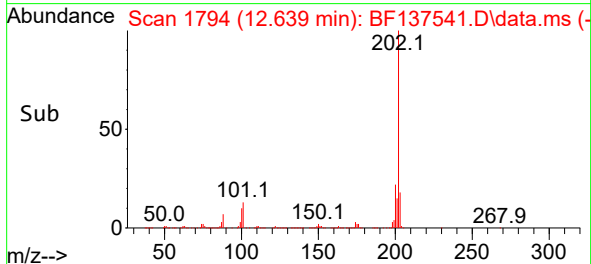
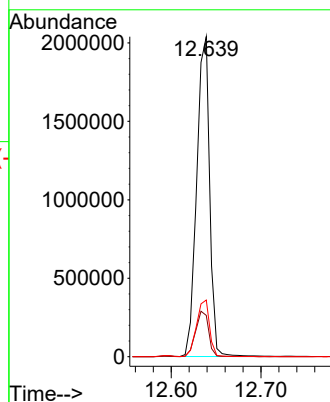
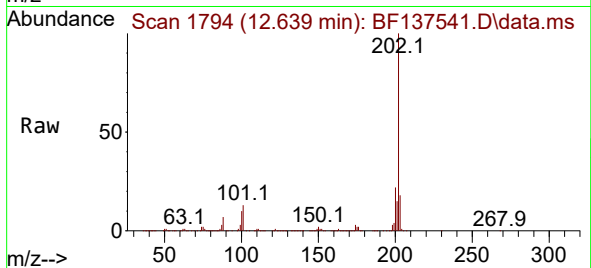
203 17.7 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

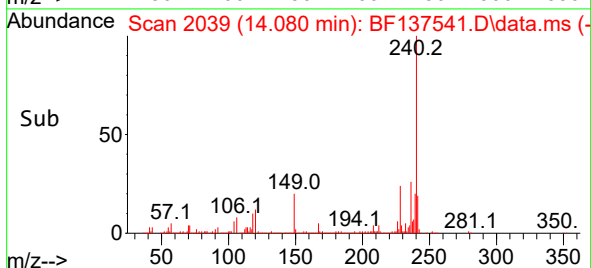
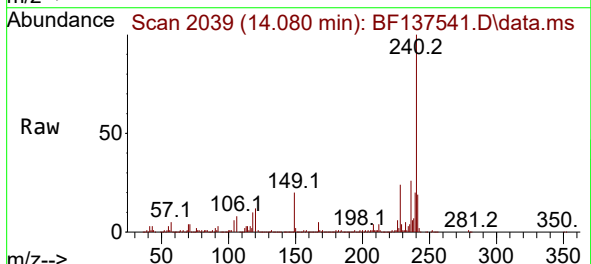
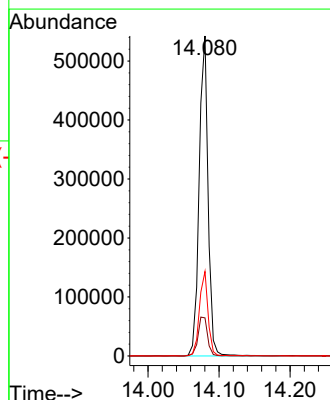
Tgt Ion:240 Resp: 473680

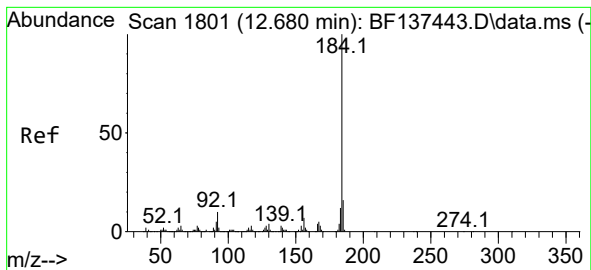
Ion Ratio Lower Upper

240 100

120 11.9 10.4 15.6

236 26.4 20.9 31.3





#77

Benzidine

Concen: 20.435 ng

RT: 12.768 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS

Tgt Ion:184 Resp: 236880

Ion Ratio Lower Upper

184 100

185 15.1 13.2 19.8

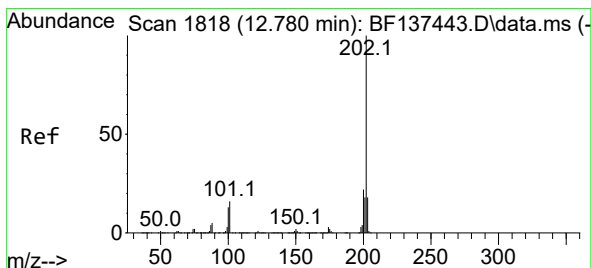
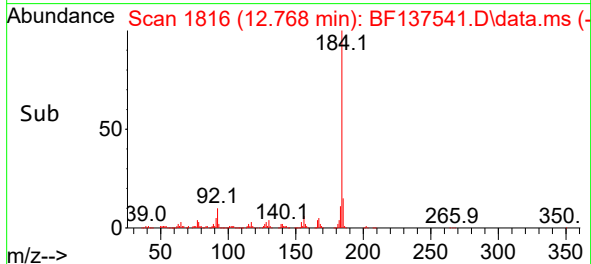
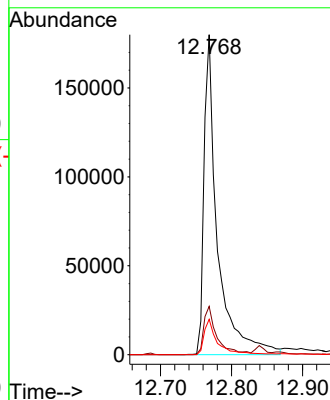
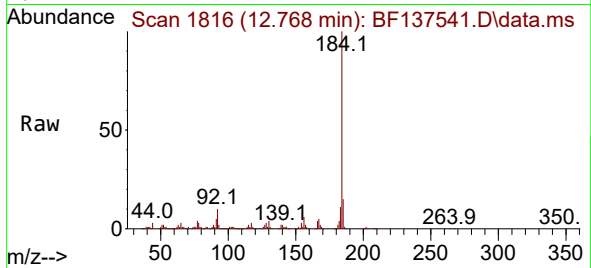
183 11.1 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#78

Pyrene

Concen: 44.464 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

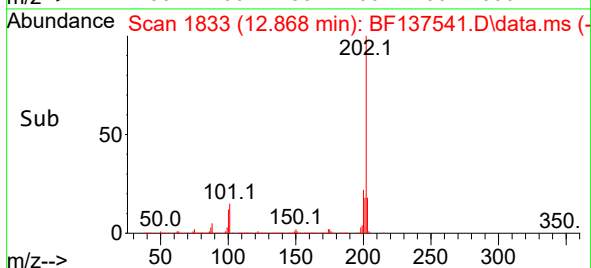
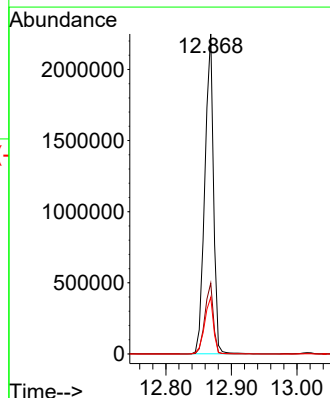
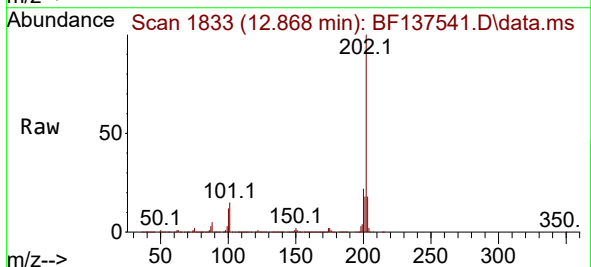
Tgt Ion:202 Resp: 2066651

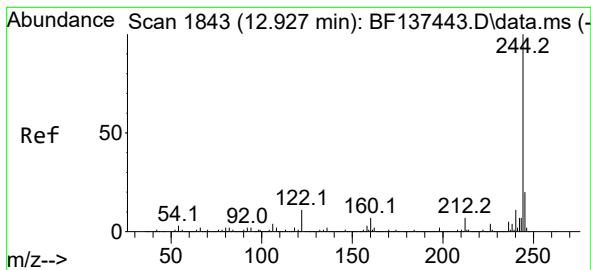
Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 86.385 ng

RT: 13.016 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS

Tgt Ion:244 Resp: 2975679

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

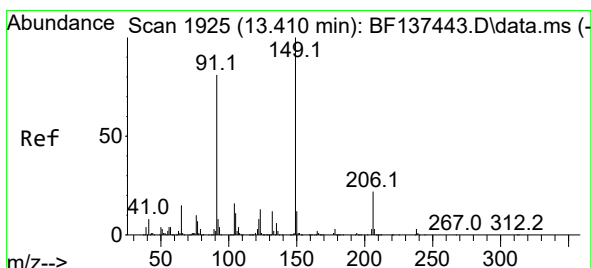
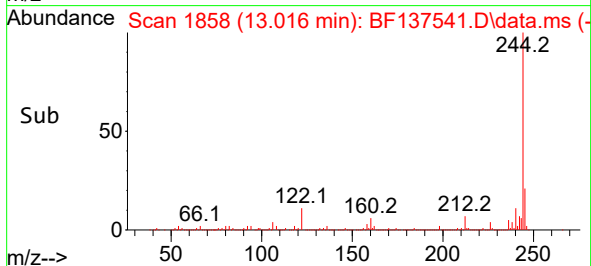
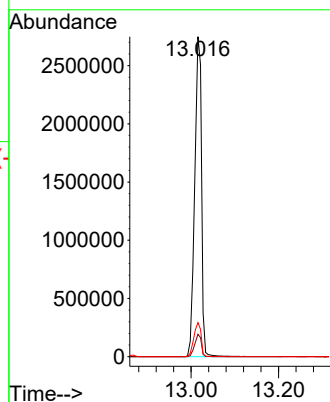
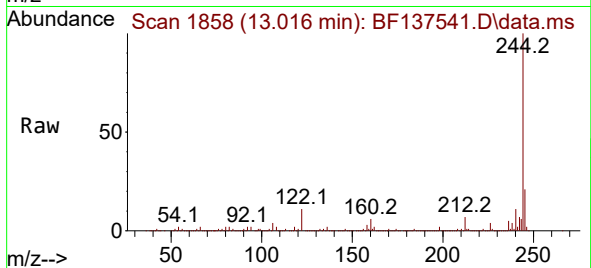
122 10.6 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#80

Butylbenzylphthalate

Concen: 58.096 ng

RT: 13.498 min Scan# 1940

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

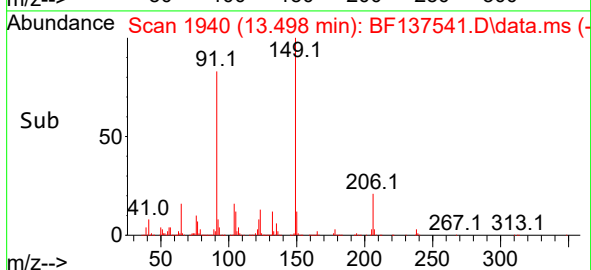
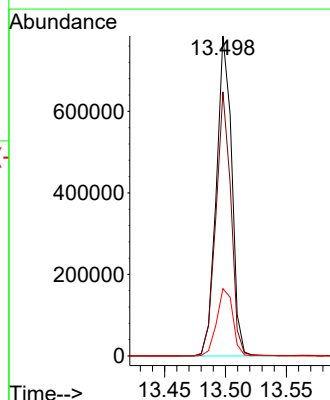
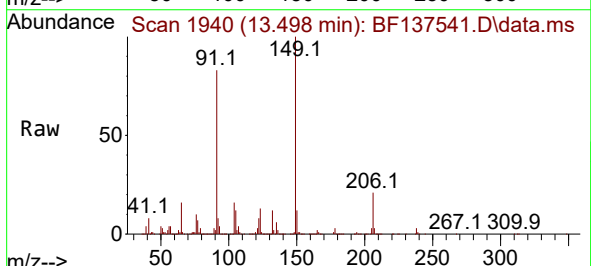
Tgt Ion:149 Resp: 689604

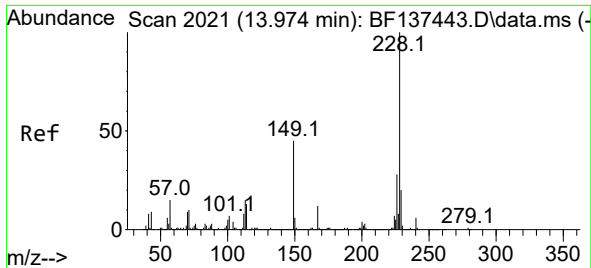
Ion Ratio Lower Upper

149 100

91 82.5 64.7 97.1

206 21.1 17.5 26.3





#81
Benzo(a)anthracene
Concen: 44.222 ng
RT: 14.068 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS

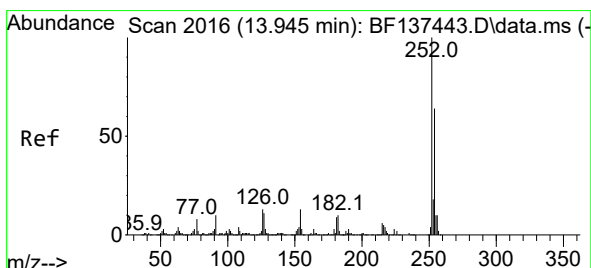
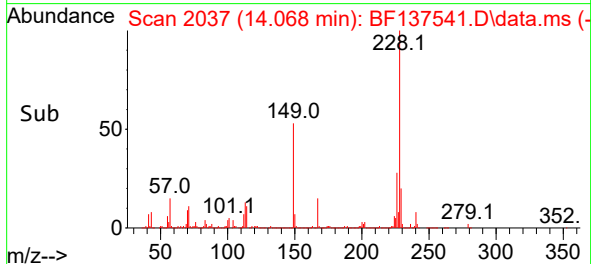
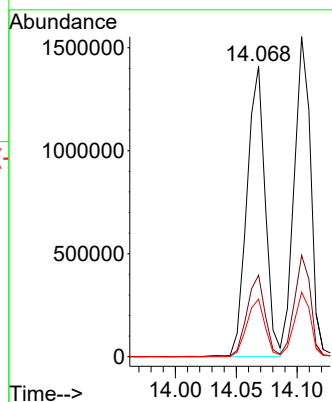
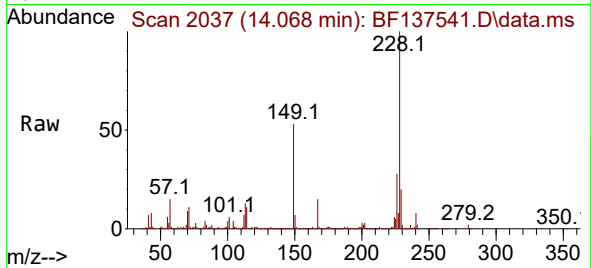
Tgt Ion:228 Resp: 146815
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 19.8 16.3 24.5

Manual Integrations

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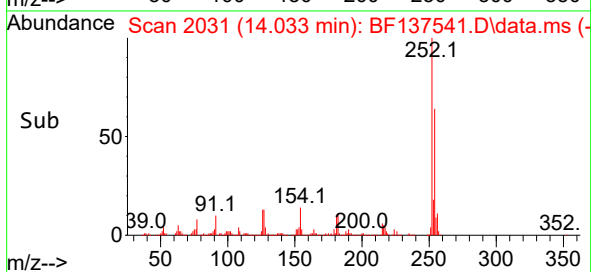
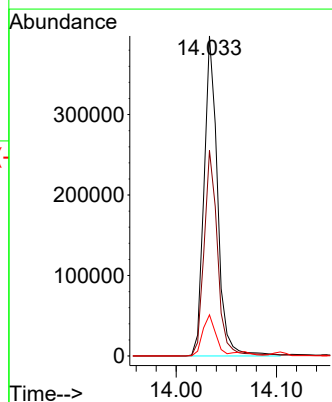
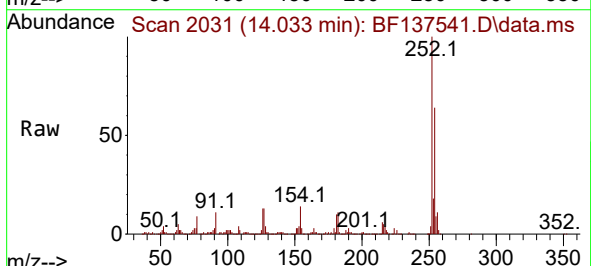
Reviewed By :Yogesh Patel 03/09/2024

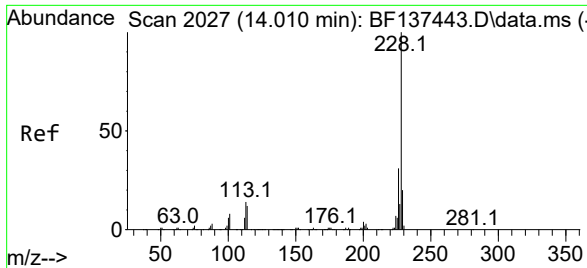
Supervised By :mohammad ahmed 03/09/2024



#82
3,3'-Dichlorobenzidine
Concen: 42.299 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion:252 Resp: 373973
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.2
126 12.8 10.4 15.6





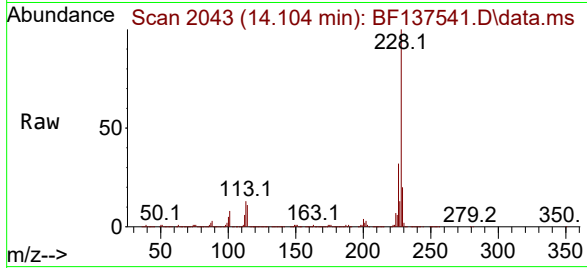
#83
Chrysene
Concen: 43.960 ng
RT: 14.104 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS



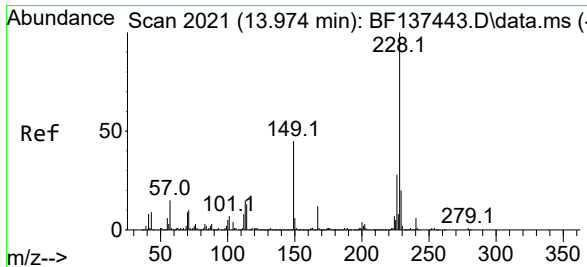
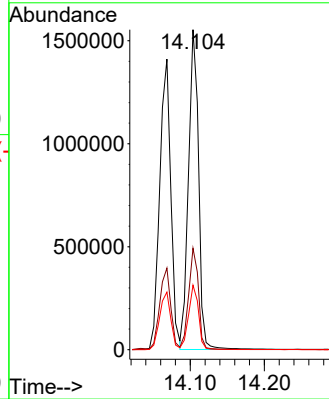
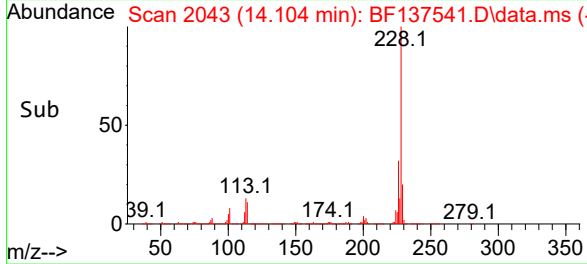
Tgt Ion:228 Resp: 1475063
Ion Ratio Lower Upper
228 100
226 31.7 24.7 37.1
229 20.2 15.9 23.9

Manual Integrations

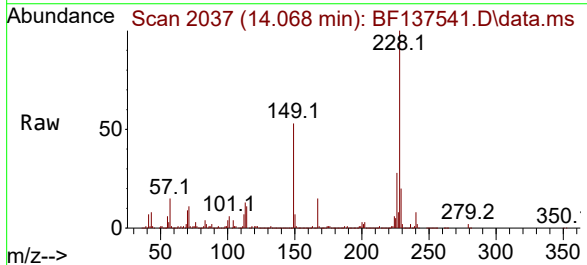
APPROVED

Reviewed By :Yogesh Patel 03/09/2024

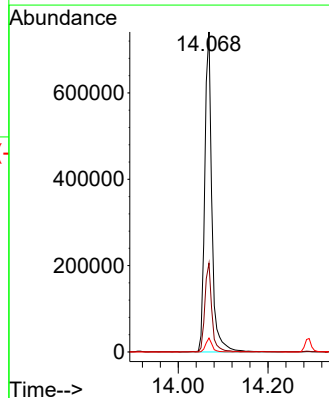
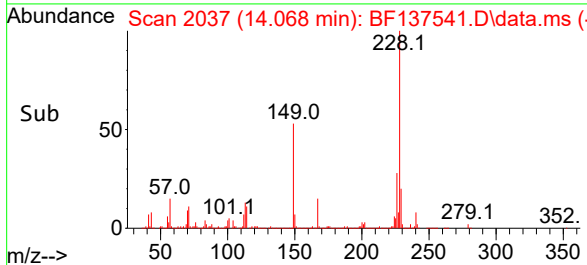
Supervised By :mohammad ahmed 03/09/2024

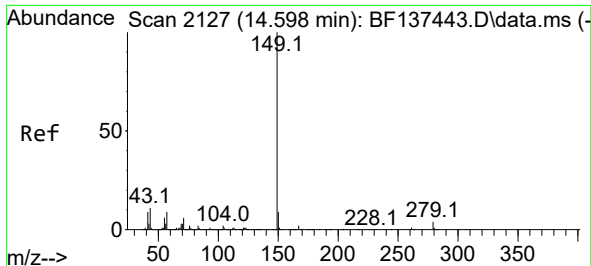


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.012 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05



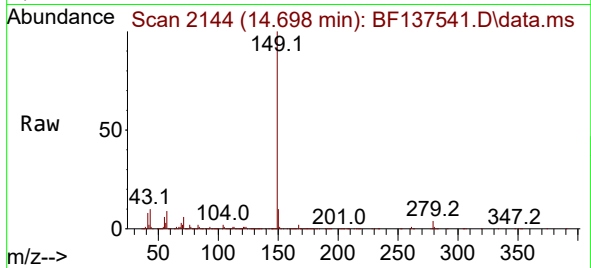
Tgt Ion:149 Resp: 814889
Ion Ratio Lower Upper
149 100
167 27.7 21.3 31.9
279 4.4 2.6 4.0#





#85
Di-n-octyl phthalate
Concen: 49.654 ng
RT: 14.698 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

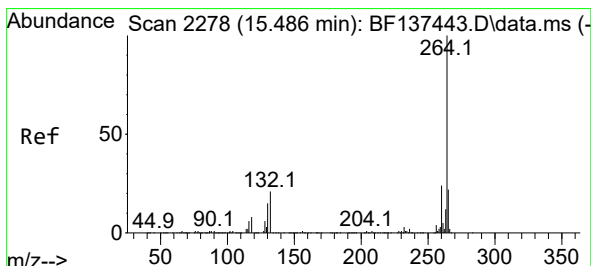
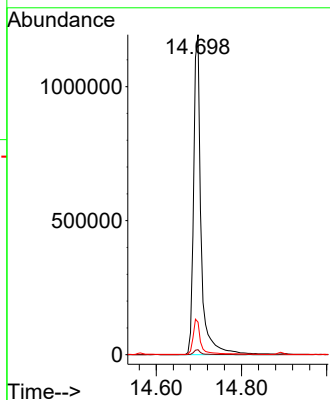
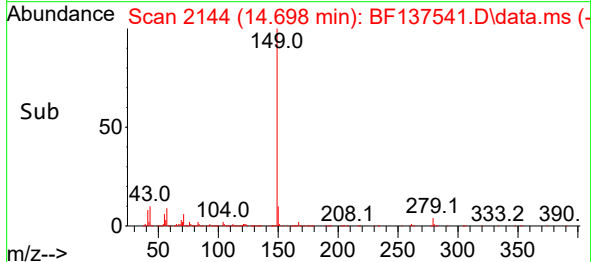
Instrument :
BNA_F
ClientSampleId :
PB159511BS



Tgt Ion:149 Resp: 145014
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 9.6 14.4

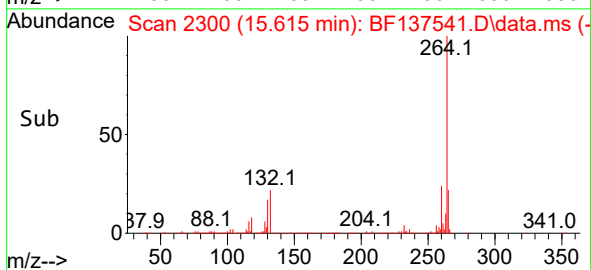
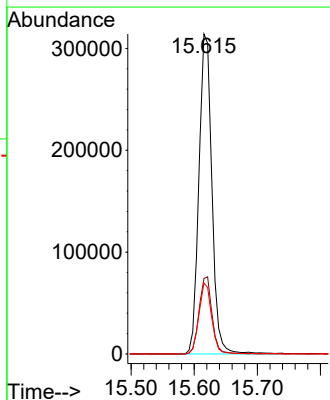
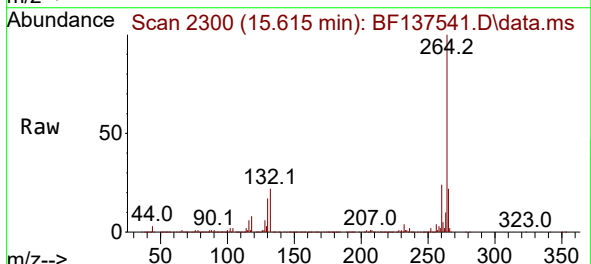
Manual Integrations
APPROVED

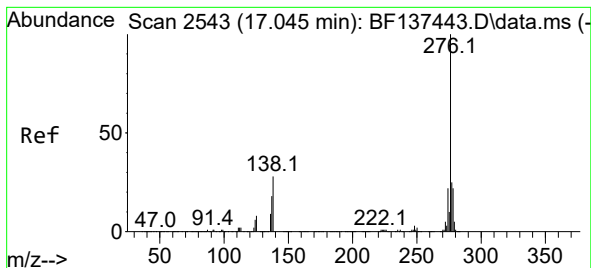
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2300
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion:264 Resp: 448672
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.773 ng

RT: 17.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS

Tgt Ion:276 Resp: 146957

Ion Ratio Lower Upper

276 100

138 30.7 25.8 38.8

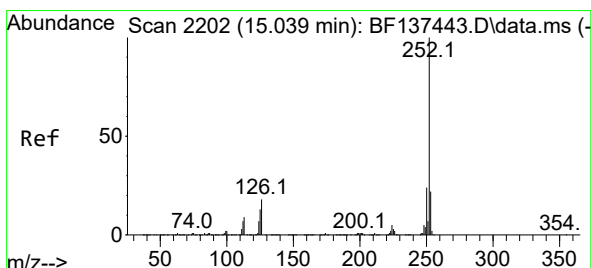
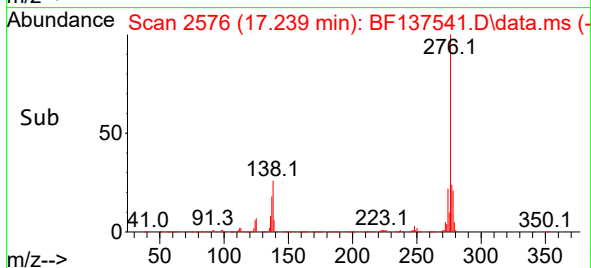
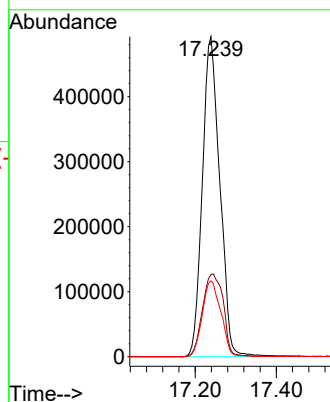
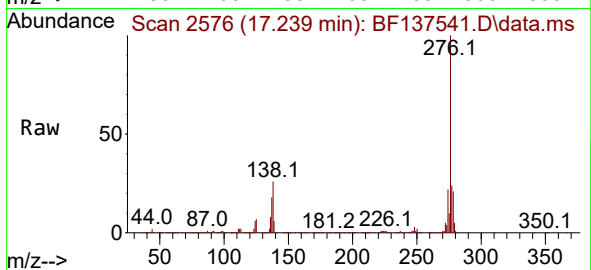
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#88

Benzo(b)fluoranthene

Concen: 51.291 ng

RT: 15.157 min Scan# 2222

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

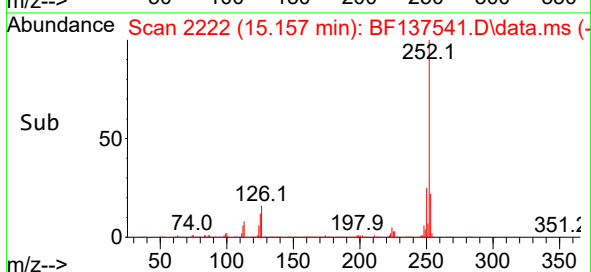
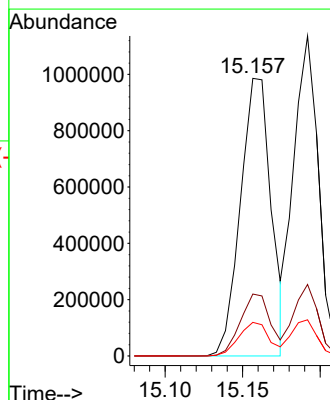
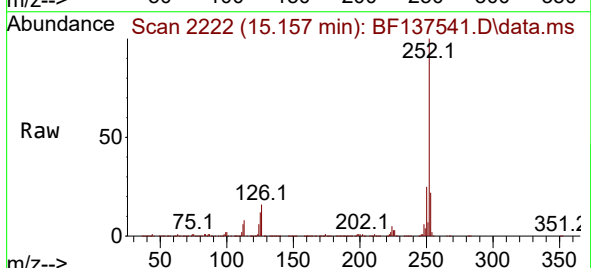
Tgt Ion:252 Resp: 1361302

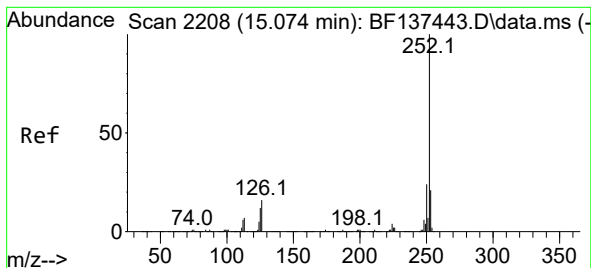
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 12.1 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 45.468 ng

RT: 15.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB159511BS

Tgt Ion:252 Resp: 1296170

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

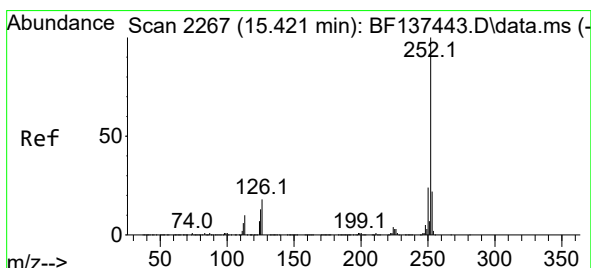
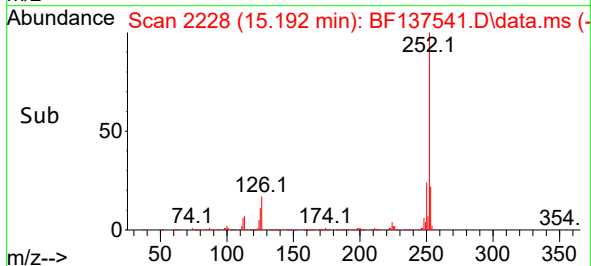
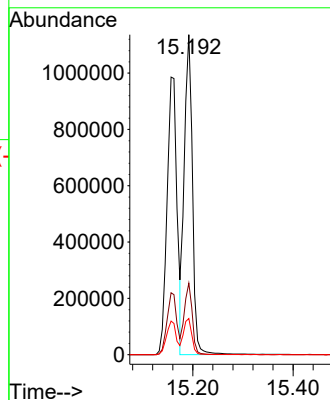
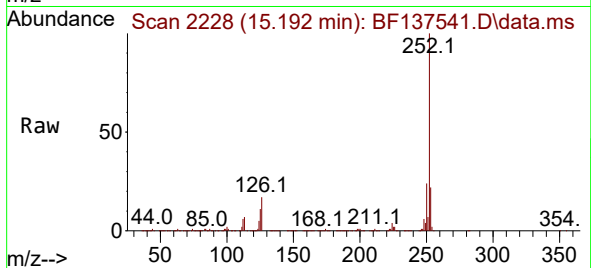
125 11.3 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#90

Benzo(a)pyrene

Concen: 46.748 ng

RT: 15.557 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

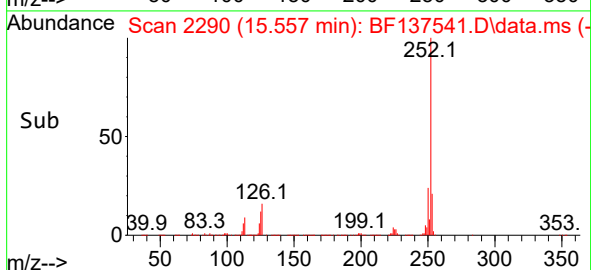
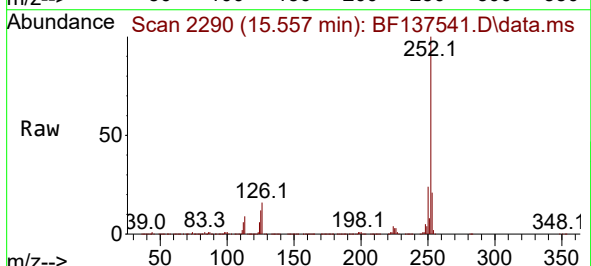
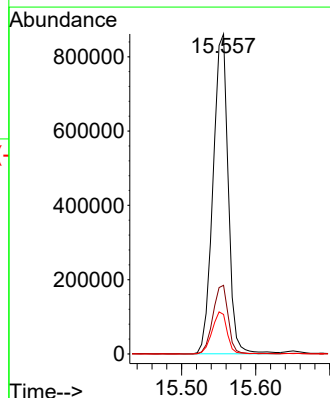
Tgt Ion:252 Resp: 1222675

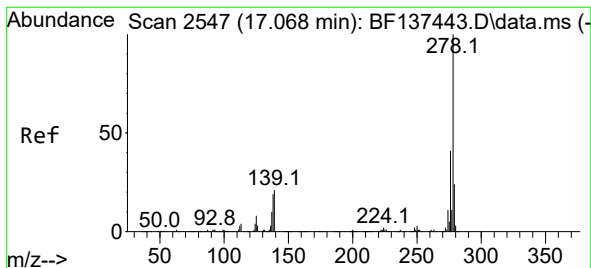
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 12.4 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 50.001 ng
RT: 17.268 min Scan# 2581
Delta R.T. 0.006 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Instrument :

BNA_F

ClientSampleId :

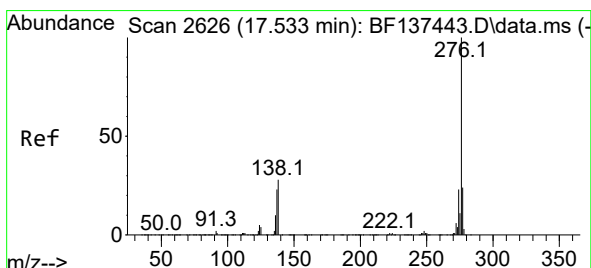
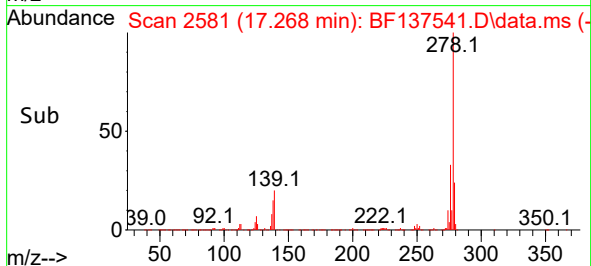
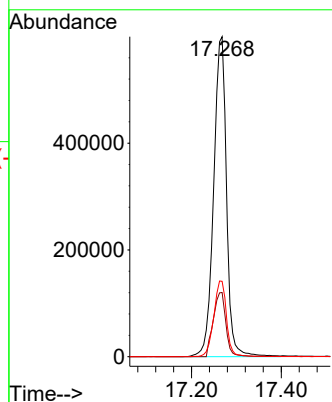
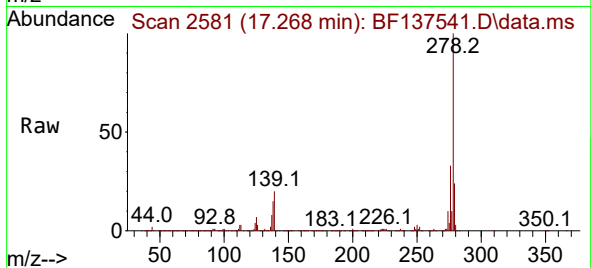
PB159511BS

Tgt Ion:278 Resp: 1197610
Ion Ratio Lower Upper
278 100
139 20.1 17.0 25.6
279 23.6 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#92
Benzo(g,h,i)perylene
Concen: 48.250 ng
RT: 17.727 min Scan# 2659
Delta R.T. -0.000 min
Lab File: BF137541.D
Acq: 08 Mar 2024 14:05

Tgt Ion:276 Resp: 1186846
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 26.7 22.2 33.2

