

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137558.D
 Acq On : 11 Mar 2024 16:13
 Operator : CG\JU
 Sample : PB159533BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159533BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024

Quant Time: Mar 12 02:04:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	233547	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	938920	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	522788	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	941249	20.000	ng	0.00
76) Chrysene-d12	14.098	240	517827	20.000	ng	0.00
86) Perylene-d12	15.651	264	465573	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1911928	123.987	ng	0.02
7) Phenol-d6	6.557	99	2638445	118.535	ng	0.00
23) Nitrobenzene-d5	7.469	82	1689634	83.614	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	698807	152.213	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2719122	81.417	ng	0.00
79) Terphenyl-d14	13.039	244	3180632	84.463	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.910	88	301153	35.717	ng	98
3) Pyridine	3.675	79	681819	33.529	ng	97
4) n-Nitrosodimethylamine	3.657	42	356892	43.697	ng	100
6) Aniline	6.581	93	568862	20.915	ng	95
8) 2-Chlorophenol	6.698	128	776188	47.723	ng	98
9) Benzaldehyde	6.469	77	364753	33.449	ng	97
10) Phenol	6.569	94	1016926	42.446	ng	97
11) bis(2-Chloroethyl)ether	6.651	93	800880	45.618	ng	99
12) 1,3-Dichlorobenzene	6.845	146	787189	45.293	ng	98
13) 1,4-Dichlorobenzene	6.922	146	786665	44.239	ng	97
14) 1,2-Dichlorobenzene	7.069	146	759621	46.541	ng	99
15) Benzyl Alcohol	7.051	79	716603	51.713	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1246058	41.291	ng	92
17) 2-Methylphenol	7.163	107	655062	43.042	ng	97
18) Hexachloroethane	7.404	117	277367	47.371	ng	93
19) n-Nitroso-di-n-propyla...	7.322	70	578192	42.065	ng	100
20) 3+4-Methylphenols	7.316	107	731629	41.975	ng	94
22) Acetophenone	7.310	105	1011044	44.505	ng	# 98
24) Nitrobenzene	7.486	77	881505	43.425	ng	97
25) Isophorone	7.722	82	1727225	44.991	ng	99
26) 2-Nitrophenol	7.798	139	411262	51.030	ng	96
27) 2,4-Dimethylphenol	7.839	122	597772	39.696	ng	98
28) bis(2-Chloroethoxy)met...	7.933	93	1027655	45.623	ng	100
29) 2,4-Dichlorophenol	8.039	162	658148	47.621	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	676161	46.491	ng	99
31) Naphthalene	8.198	128	2176112	43.197	ng	100
32) Benzoic acid	7.992	122	435242	49.902	ng	96
33) 4-Chloroaniline	8.251	127	374280	18.947	ng	99
34) Hexachlorobutadiene	8.310	225	390767	45.510	ng	99
35) Caprolactam	8.633	113	235709m	50.297	ng	
36) 4-Chloro-3-methylphenol	8.745	107	722020	46.737	ng	99
37) 2-Methylnaphthalene	8.892	142	1375949	42.845	ng	99
38) 1-Methylnaphthalene	8.992	142	1309088	43.285	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	664872	45.555	ng	99
41) Hexachlorocyclopentadiene	9.039	237	574738	94.796	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	457515	48.138	ng	99

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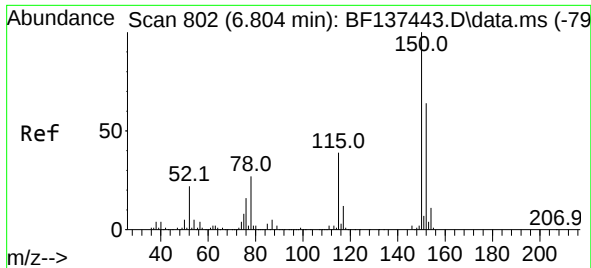
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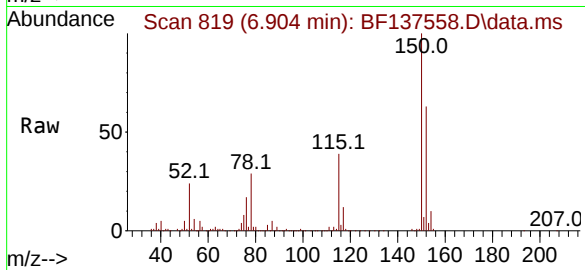
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	476302	43.504	ng	98
46) 1,1'-Biphenyl	9.357	154	1676038	43.803	ng	99
47) 2-Chloronaphthalene	9.380	162	1348528	46.226	ng	98
48) 2-Nitroaniline	9.486	65	487651	49.180	ng	99
49) Acenaphthylene	9.798	152	2099007	44.960	ng	100
50) Dimethylphthalate	9.669	163	1667343	45.816	ng	99
51) 2,6-Dinitrotoluene	9.733	165	371737	48.837	ng	87
52) Acenaphthene	9.975	154	1185031	42.517	ng	99
53) 3-Nitroaniline	9.898	138	268700	33.374	ng	96
54) 2,4-Dinitrophenol	10.010	184	395575	103.819	ng	95
55) Dibenzofuran	10.145	168	1797880	42.351	ng	99
56) 4-Nitrophenol	10.080	139	543894	94.106	ng	94
57) 2,4-Dinitrotoluene	10.139	165	440771	47.133	ng	# 88
58) Fluorene	10.492	166	1373076	42.116	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.269	232	430977	49.088	ng	95
60) Diethylphthalate	10.374	149	1561100	45.426	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	670671	41.975	ng	94
62) 4-Nitroaniline	10.527	138	338953	48.982	ng	97
63) Azobenzene	10.645	77	1734339	43.827	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	274533	52.332	ng	87
66) n-Nitrosodiphenylamine	10.610	169	1285361	42.408	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	463411	45.203	ng	94
68) Hexachlorobenzene	11.039	284	497841	48.079	ng	94
69) Atrazine	11.145	200	382424	41.505	ng	98
70) Pentachlorophenol	11.239	266	567852	90.718	ng	99
71) Phenanthrene	11.463	178	2170658	42.375	ng	99
72) Anthracene	11.516	178	2201814	41.851	ng	100
73) Carbazole	11.669	167	1978710	43.908	ng	100
74) Di-n-butylphthalate	12.010	149	2353410	43.893	ng	99
75) Fluoranthene	12.657	202	2194923	43.836	ng	98
77) Benzidine	12.786	184	209220	16.510	ng	98
78) Pyrene	12.886	202	2201450	43.327	ng	99
80) Butylbenzylphthalate	13.521	149	764344	58.903	ng	98
81) Benzo(a)anthracene	14.086	228	1603986	44.194	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	391243	40.480	ng	99
83) Chrysene	14.127	228	1630953	44.462	ng	100
84) Bis(2-ethylhexyl)phtha...	14.086	149	900532	54.600	ng	99
85) Di-n-octyl phthalate	14.721	149	1546407	48.573	ng	98
87) Indeno(1,2,3-cd)pyrene	17.292	276	1496400	48.841	ng	97
88) Benzo(b)fluoranthene	15.186	252	1432143	52.001	ng	99
89) Benzo(k)fluoranthene	15.221	252	1313422	44.401	ng	99
90) Benzo(a)pyrene	15.586	252	1265544	46.631	ng	99
91) Dibenzo(a,h)anthracene	17.321	278	1211379	48.740	ng	98
92) Benzo(g,h,i)perylene	17.792	276	1200167	47.020	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

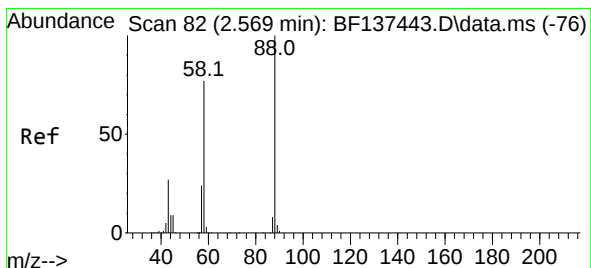
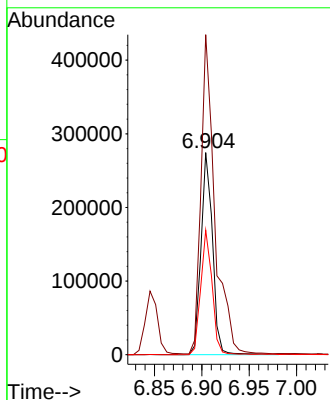
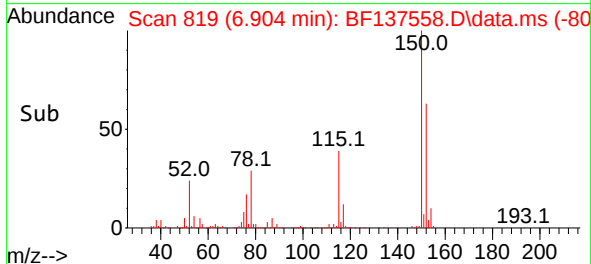
Instrument :
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ClientSampleId :
PB159533BS



Tgt Ion:152 Resp: 23354
Ion Ratio Lower Upper
152 100
150 158.3 125.8 188.6
115 61.6 48.8 73.2

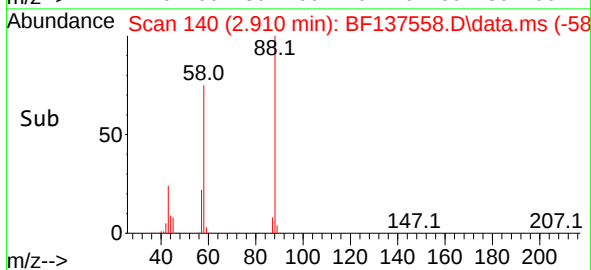
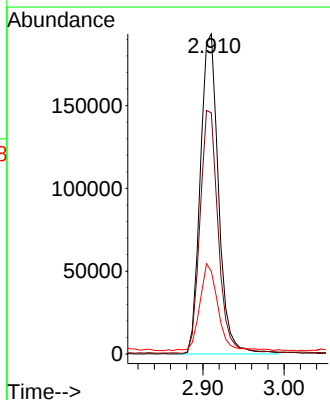
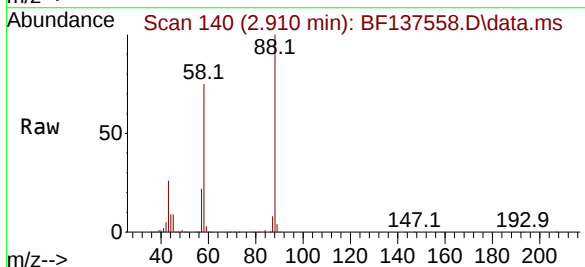
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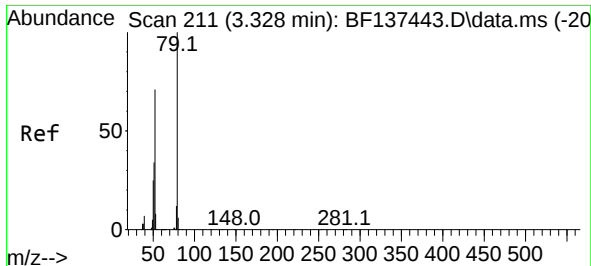
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#2
1,4-Dioxane
Concen: 35.717 ng
RT: 2.910 min Scan# 140
Delta R.T. 0.135 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

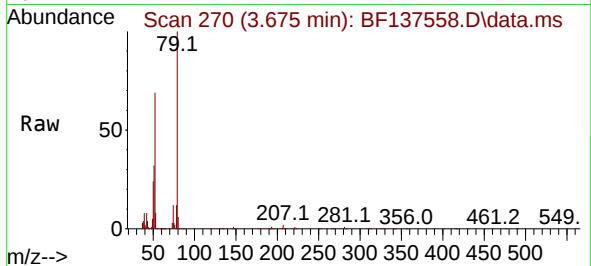
Tgt Ion: 88 Resp: 301153
Ion Ratio Lower Upper
88 100
58 75.7 61.8 92.8
43 27.2 22.2 33.4





#3
Pyridine
Concen: 33.529 ng
RT: 3.675 min Scan# 211
Delta R.T. 0.100 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

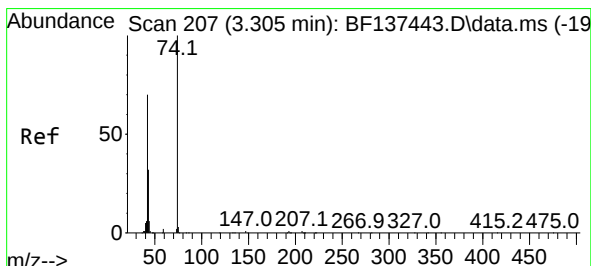
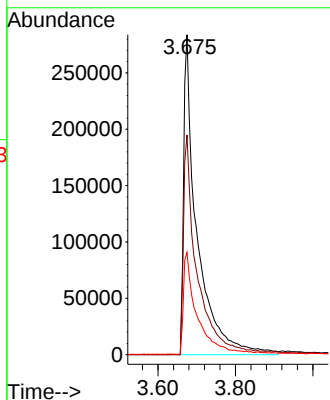
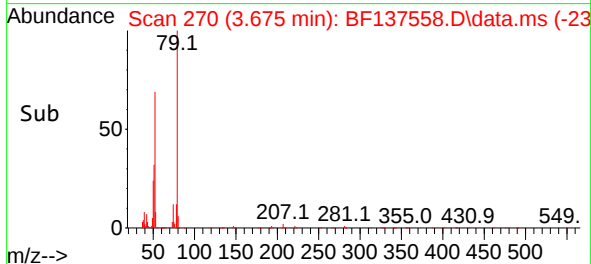
Instrument :
BNA_F
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PB159533BS



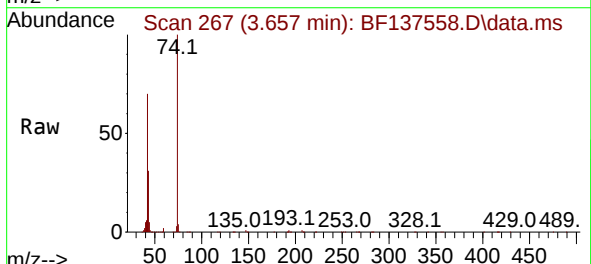
Tgt Ion: 79 Resp: 681819
Ion Ratio Lower Upper
79 100
52 68.6 57.0 85.4
51 31.9 27.5 41.3

Manual Integrations
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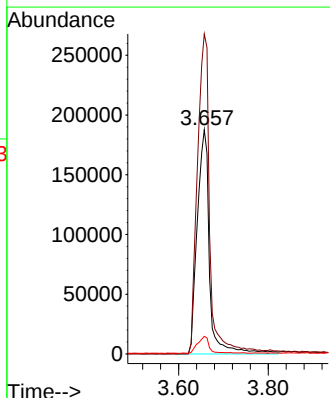
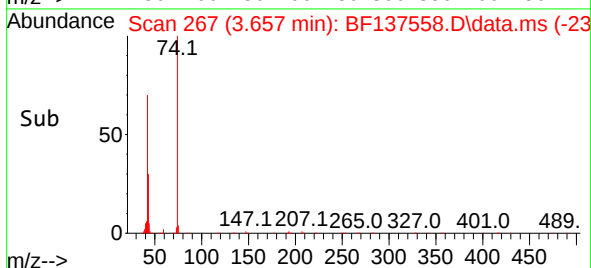
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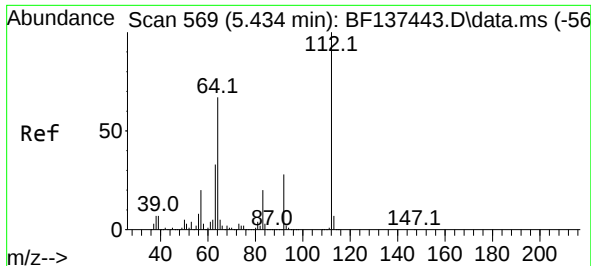


#4
n-Nitrosodimethylamine
Concen: 43.697 ng
RT: 3.657 min Scan# 267
Delta R.T. 0.088 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13



Tgt Ion: 42 Resp: 356892
Ion Ratio Lower Upper
42 100
74 142.7 114.0 171.0
44 7.8 7.0 10.4





#5
2-Fluorophenol
Concen: 123.987 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

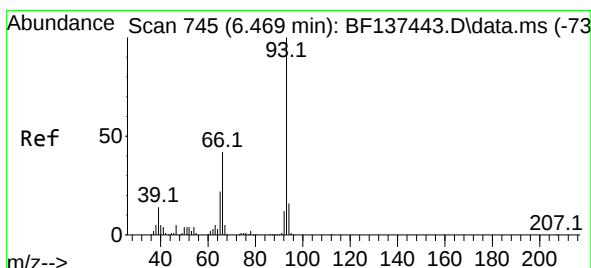
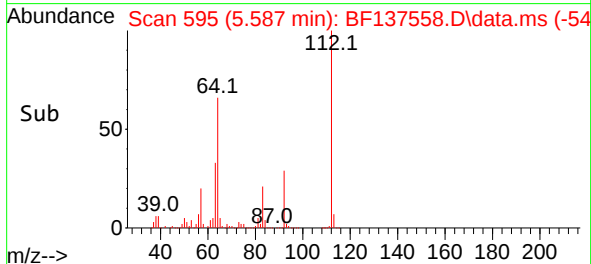
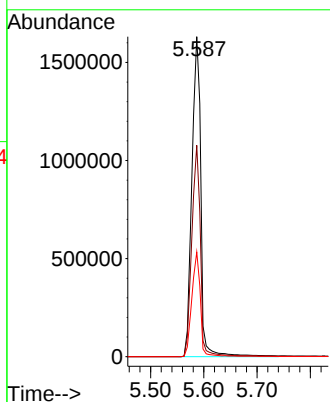
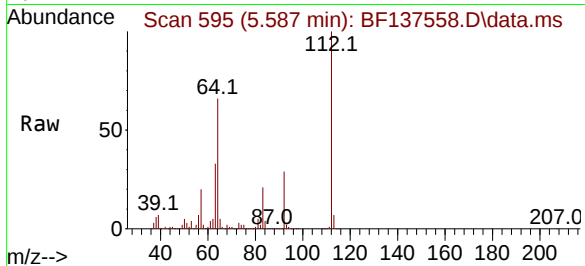
ClientSampleId :

PB159533BS

Tgt Ion:112 Resp: 1911928
Ion Ratio Lower Upper
112 100
64 66.1 53.4 80.2
63 32.7 26.2 39.2

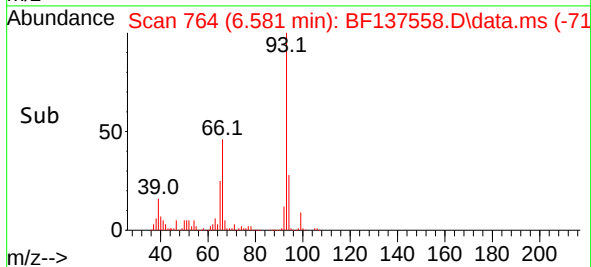
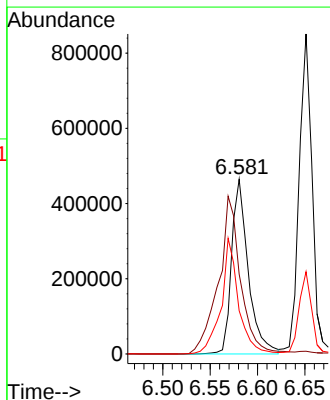
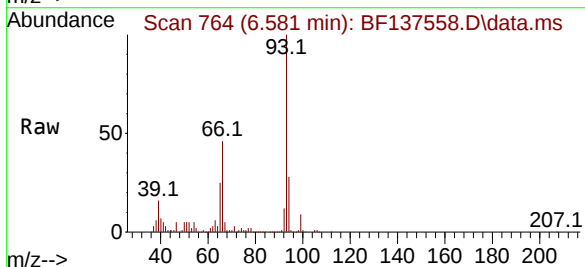
Manual Integrations
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#6
Aniline
Concen: 20.915 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

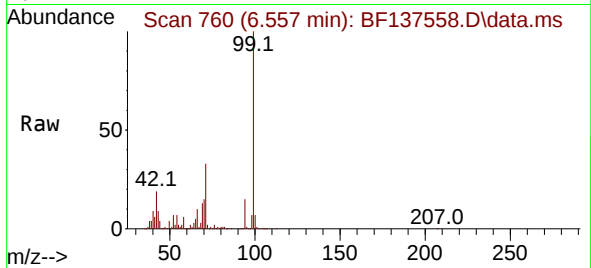
Tgt Ion: 93 Resp: 568862
Ion Ratio Lower Upper
93 100
66 45.7 34.0 51.0
65 24.7 17.8 26.8





#7
Phenol-d6
Concen: 118.535 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

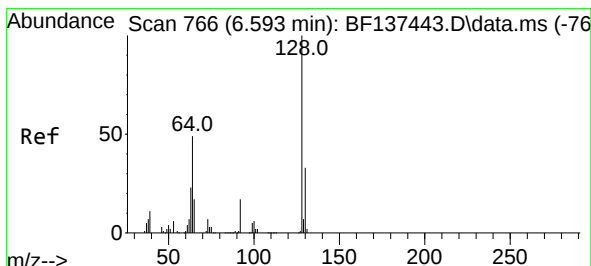
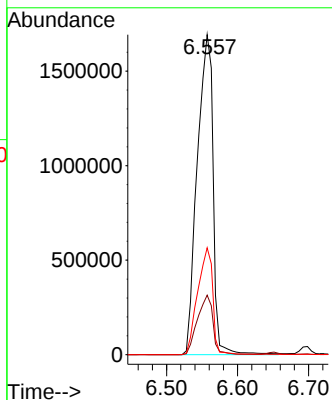
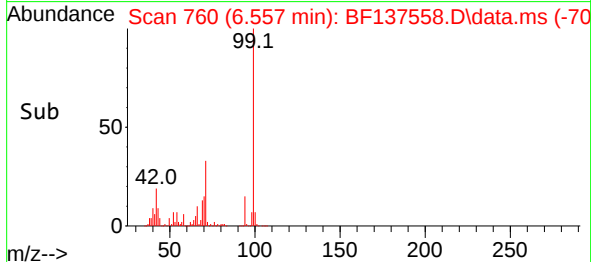
Instrument :
BNA_F
ClientSampleId :
PB159533BS



Tgt Ion: 99 Resp: 263844
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 33.4 25.3 37.9

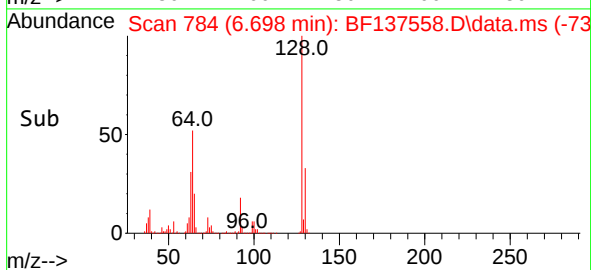
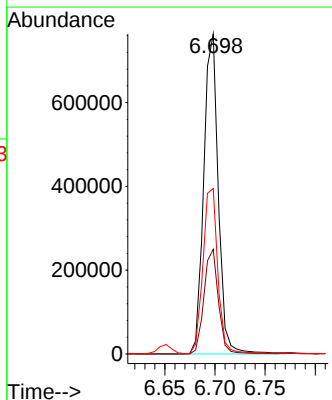
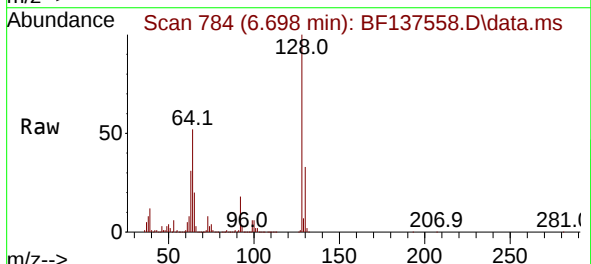
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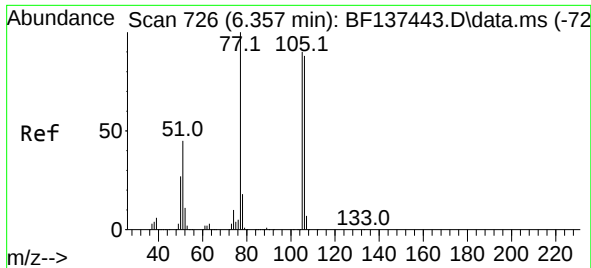
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#8
2-Chlorophenol
Concen: 47.723 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion:128 Resp: 776188
Ion Ratio Lower Upper
128 100
130 32.7 13.4 53.4
64 51.7 30.0 70.0





#9

Benzaldehyde

Concen: 33.449 ng

RT: 6.469 min Scan# 745

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS

Tgt Ion: 77 Resp: 36475

Ion Ratio Lower Upper

77 100

105 92.9 69.8 109.8

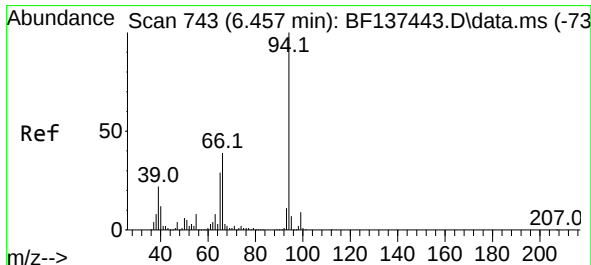
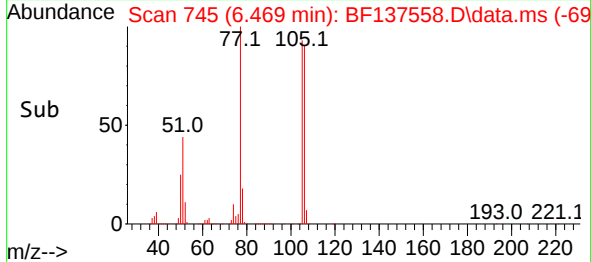
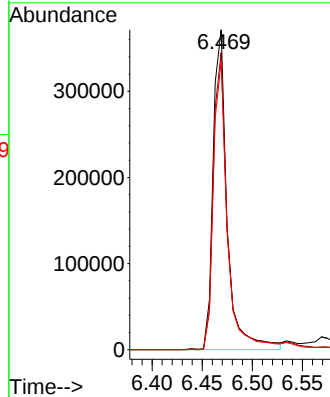
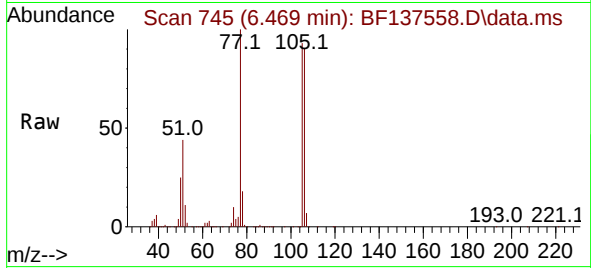
106 90.1 67.8 107.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#10

Phenol

Concen: 42.446 ng

RT: 6.569 min Scan# 762

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

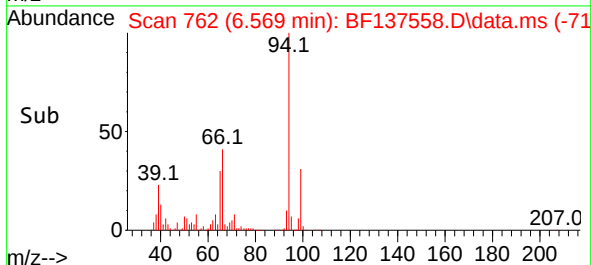
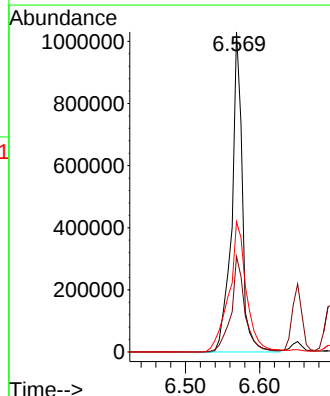
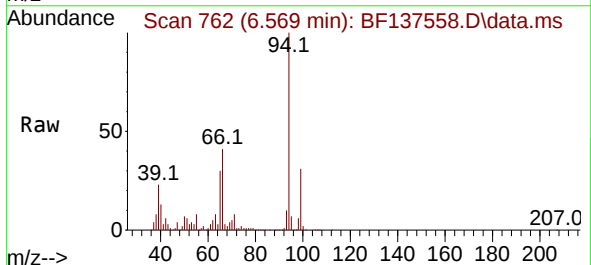
Tgt Ion: 94 Resp: 1016926

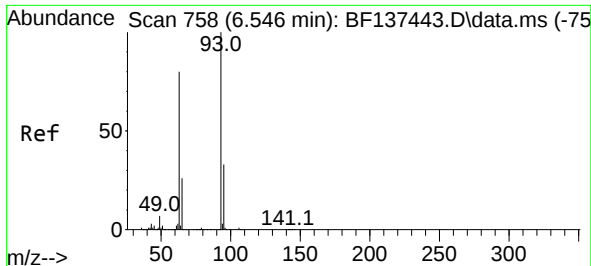
Ion Ratio Lower Upper

94 100

65 29.9 8.7 48.7

66 40.7 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 45.618 ng

RT: 6.651 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS

Tgt Ion: 93 Resp: 800880

Ion Ratio Lower Upper

93 100

63 77.9 58.9 98.9

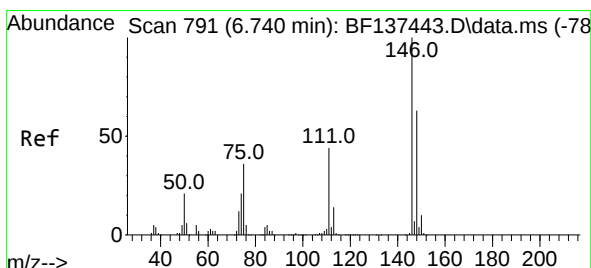
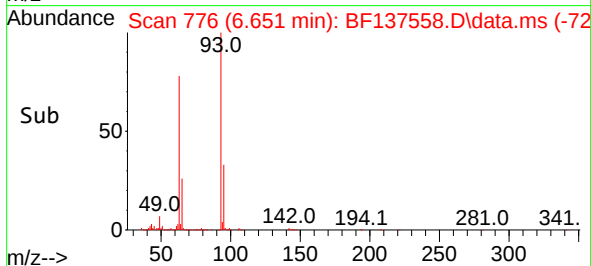
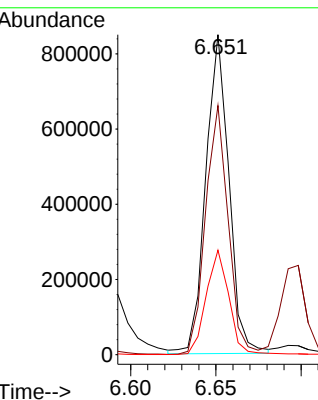
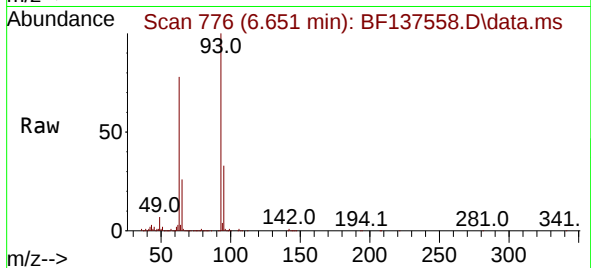
95 32.6 12.2 52.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#12

1,3-Dichlorobenzene

Concen: 45.293 ng

RT: 6.845 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

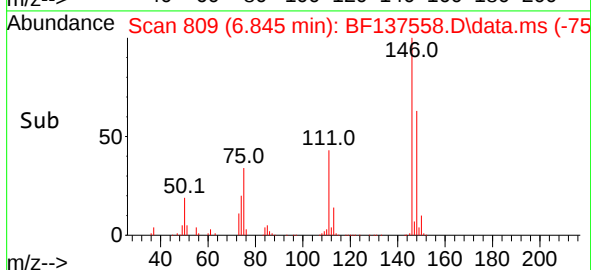
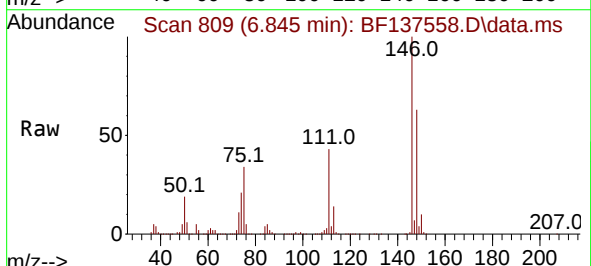
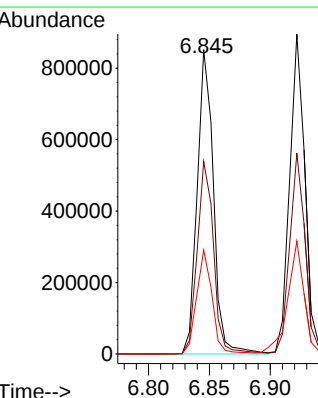
Tgt Ion:146 Resp: 787189

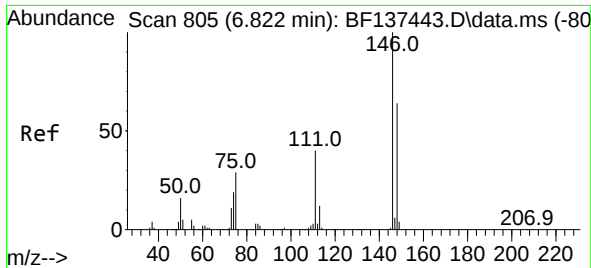
Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

75 34.1 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 44.239 ng

RT: 6.922 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS

Tgt Ion:146 Resp: 78666

Ion Ratio Lower Upper

146 100

148 62.8 51.2 76.8

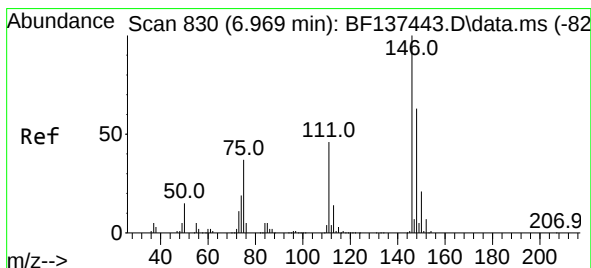
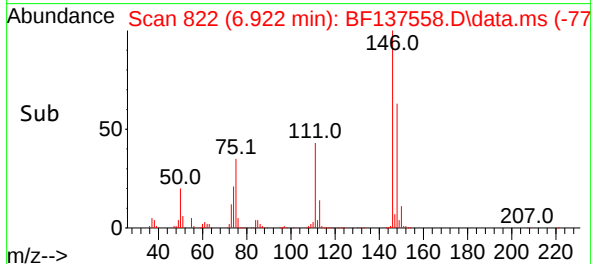
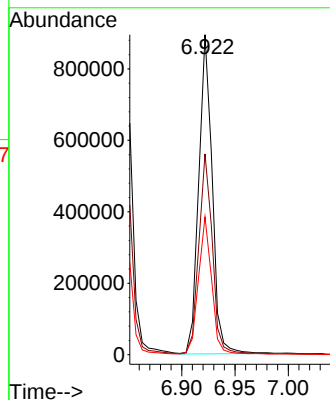
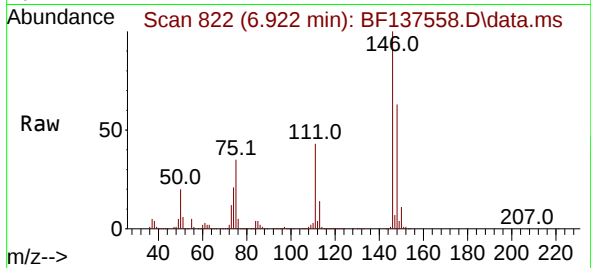
111 43.1 32.4 48.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#14

1,2-Dichlorobenzene

Concen: 46.541 ng

RT: 7.069 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

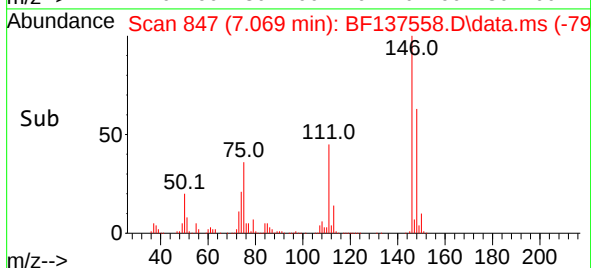
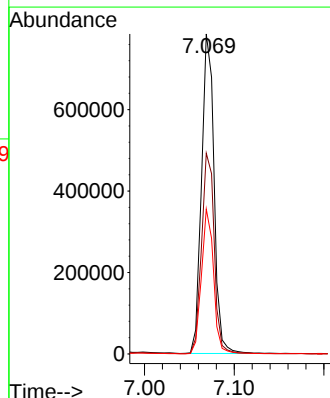
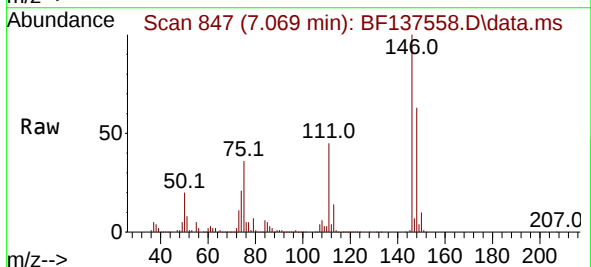
Tgt Ion:146 Resp: 759621

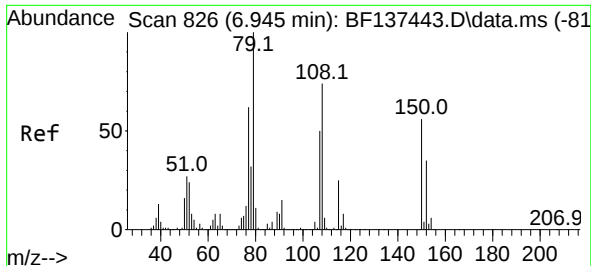
Ion Ratio Lower Upper

146 100

148 62.7 50.0 75.0

111 45.3 36.8 55.2





#15
Benzyl Alcohol
Concen: 51.713 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

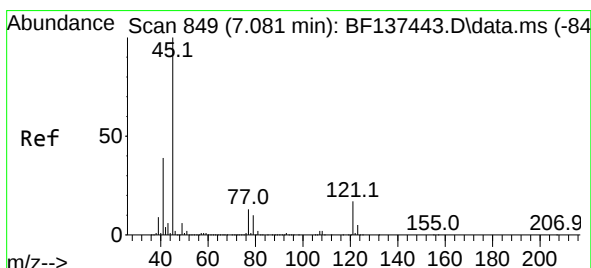
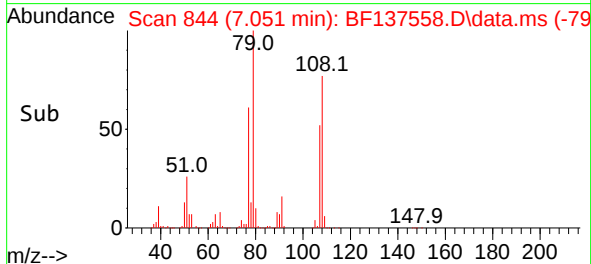
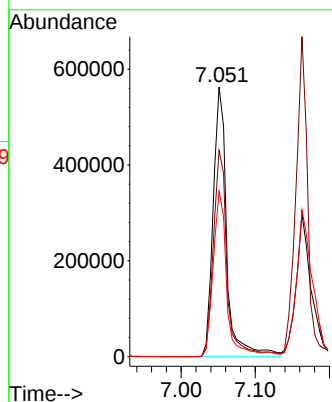
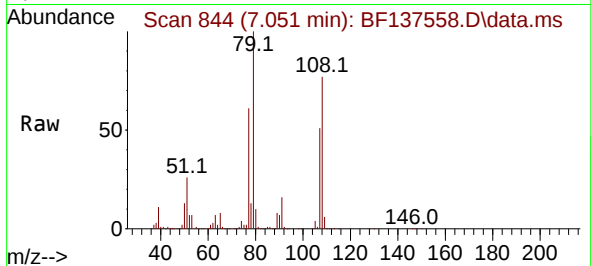
ClientSampleId :

PB159533BS

Tgt Ion: 79 Resp: 71660
Ion Ratio Lower Upper
79 100
108 76.5 59.5 89.3
77 61.3 50.0 75.0

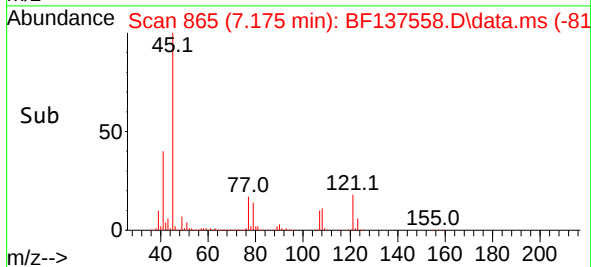
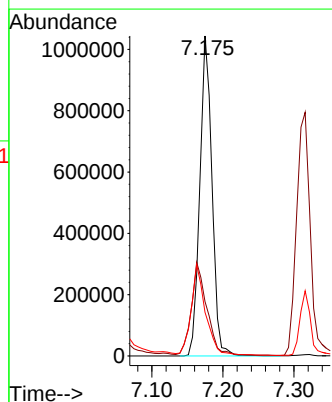
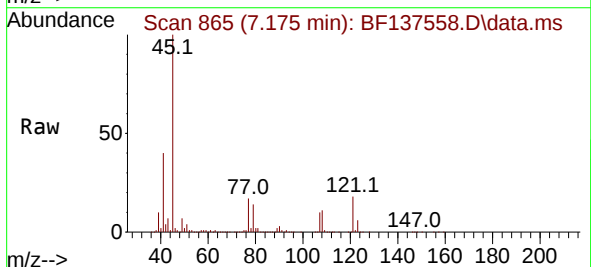
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.291 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion: 45 Resp: 1246058
Ion Ratio Lower Upper
45 100
77 17.0 0.0 33.4
79 13.7 0.0 30.9





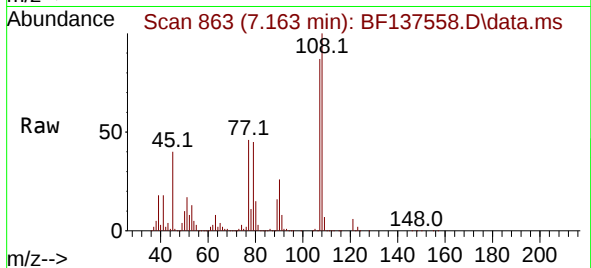
#17
2-Methylphenol
Concen: 43.042 ng
RT: 7.163 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS

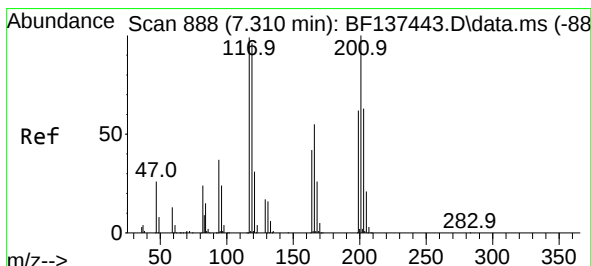
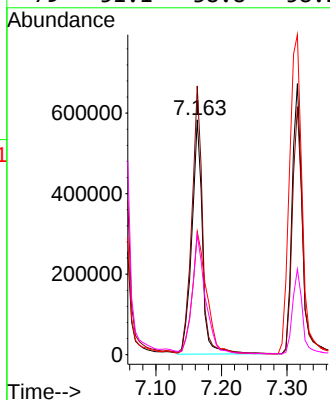
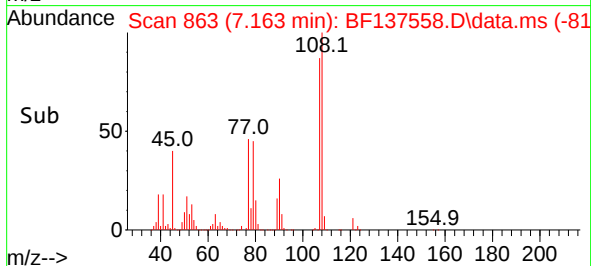


Tgt Ion:107 Resp: 655062
Ion Ratio Lower Upper
107 100
108 114.4 92.2 138.4
77 52.4 38.6 57.8
79 51.1 38.8 58.2

Manual Integrations

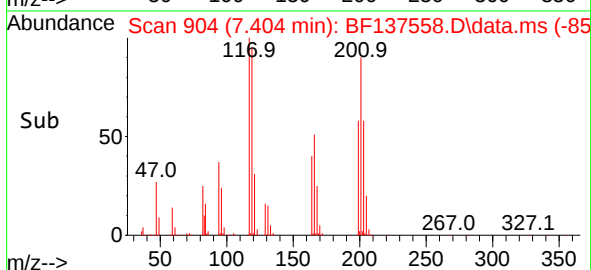
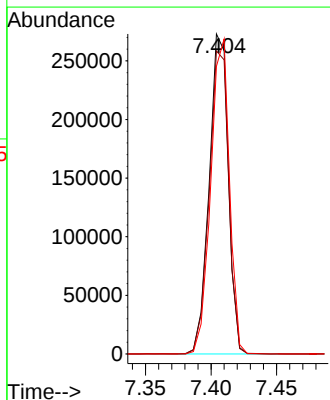
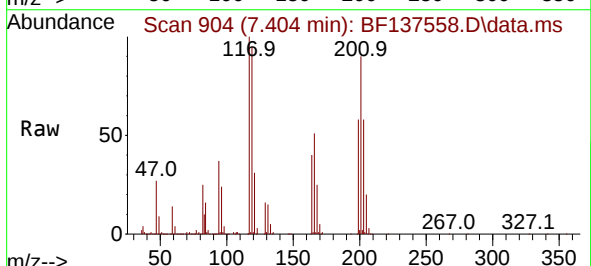
APPROVED

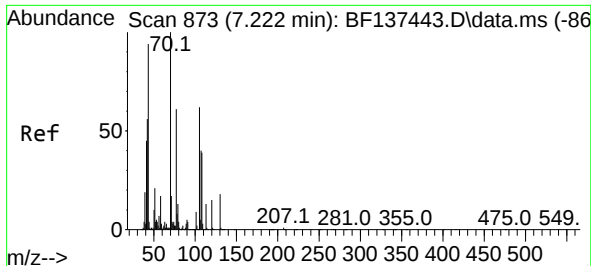
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#18
Hexachloroethane
Concen: 47.371 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

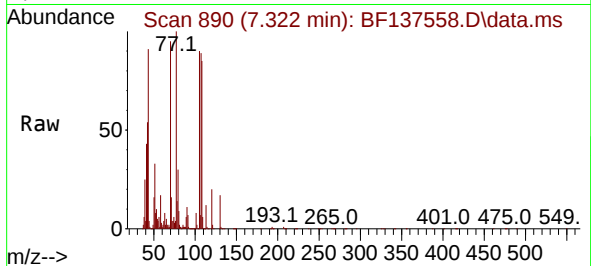
Tgt Ion:117 Resp: 277367
Ion Ratio Lower Upper
117 100
119 94.7 77.5 116.3
201 89.9 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.065 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

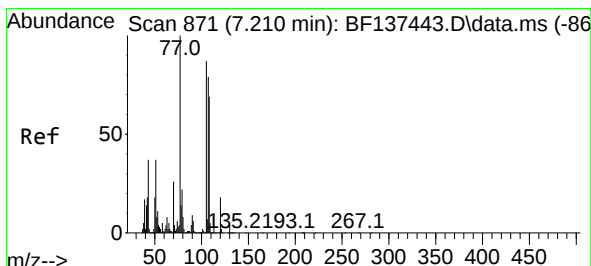
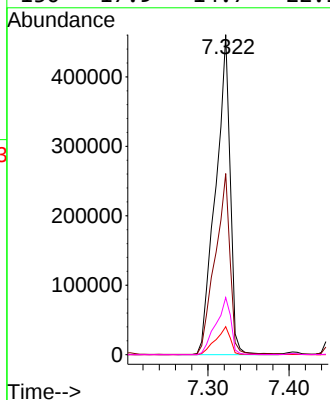
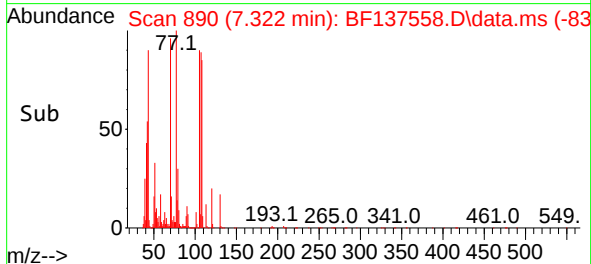
Instrument :
BNA_F
Client Sample Id :
PB159533BS



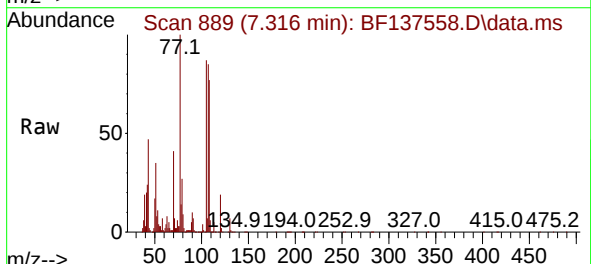
Tgt Ion: 70 Resp: 57819
Ion Ratio Lower Upper
70 100
42 56.6 45.2 67.8
101 8.7 7.3 10.9
130 17.9 14.7 22.1

Manual Integrations
APPROVED

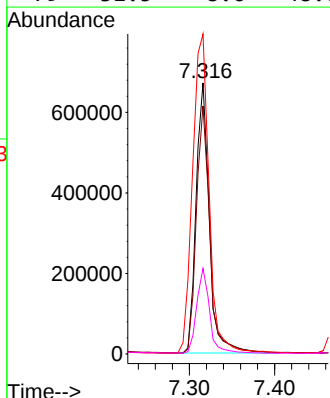
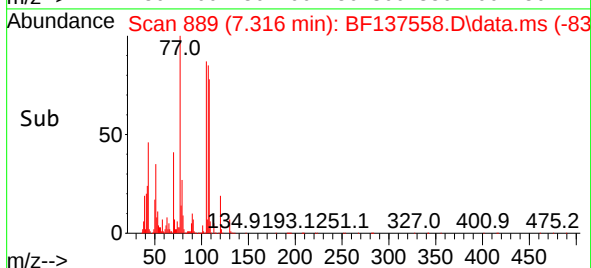
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

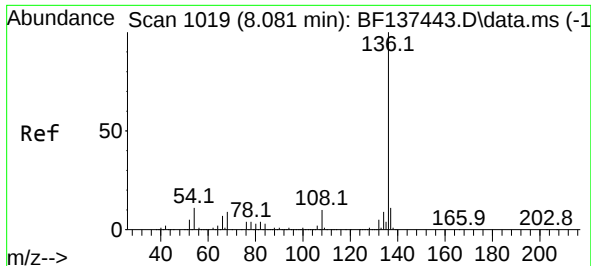


#20
3+4-Methylphenols
Concen: 41.975 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13



Tgt Ion:107 Resp: 731629
Ion Ratio Lower Upper
107 100
108 91.5 67.6 107.6
77 118.1 107.1 147.1
79 31.5 8.6 48.6





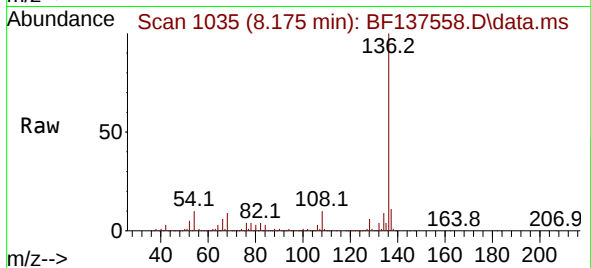
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS



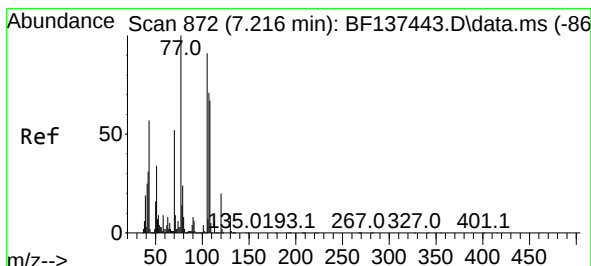
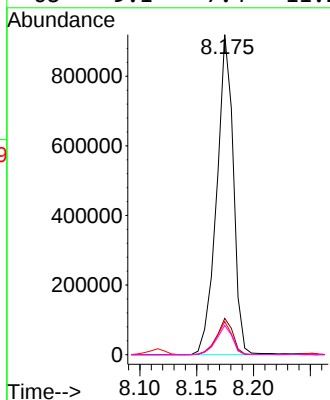
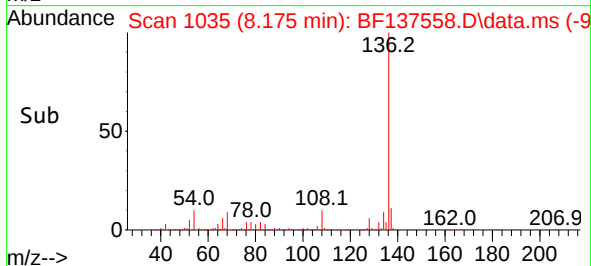
Tgt Ion:136 Resp: 938920
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 10.3 8.5 12.7
68 9.1 7.4 11.2

Manual Integrations

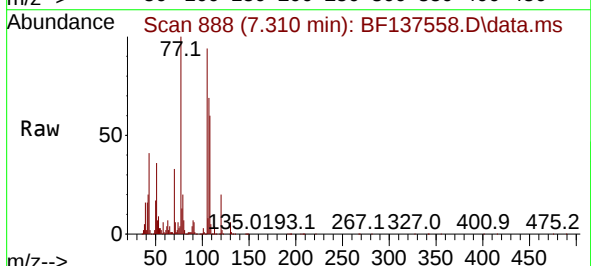
APPROVED

Reviewed By :Yogesh Patel 03/12/2024

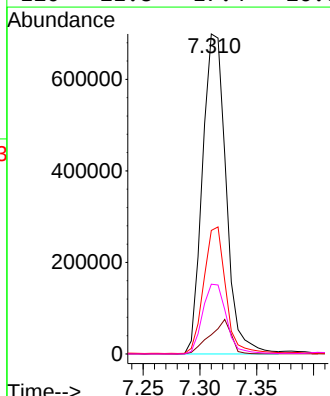
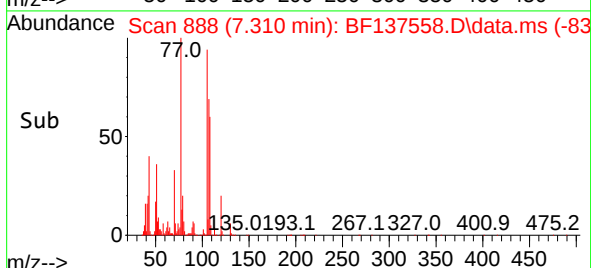
Supervised By :mohammad ahmed 03/12/2024

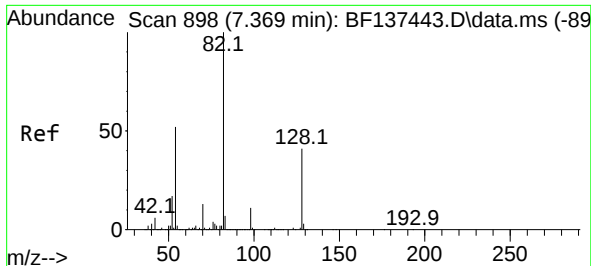


#22
Acetophenone
Concen: 44.505 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13



Tgt Ion:105 Resp: 1011044
Ion Ratio Lower Upper
105 100
71 6.0 7.7 11.5#
51 38.6 30.4 45.6
120 21.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 83.614 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS

Tgt Ion: 82 Resp: 1689634

Ion Ratio Lower Upper

82 100

128 41.2 32.5 48.7

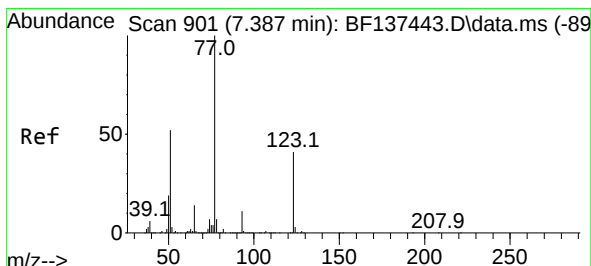
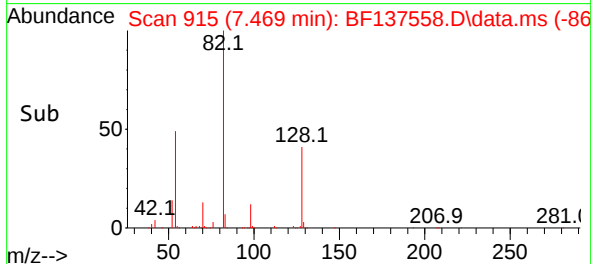
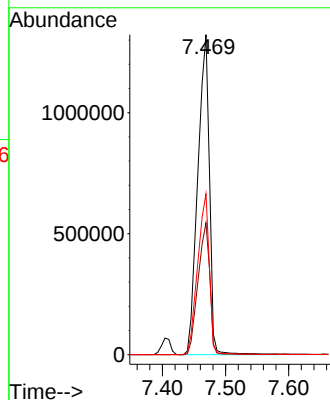
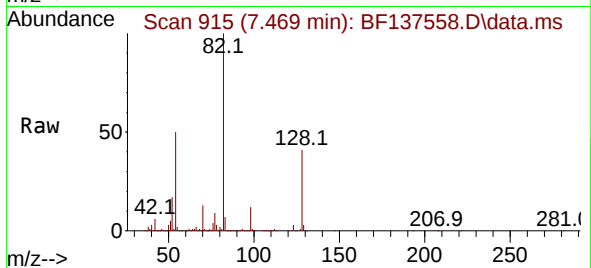
54 50.2 41.5 62.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#24

Nitrobenzene

Concen: 43.425 ng

RT: 7.486 min Scan# 918

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

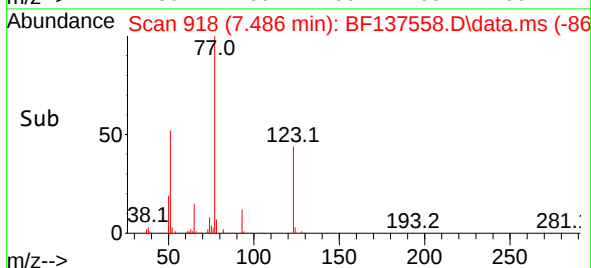
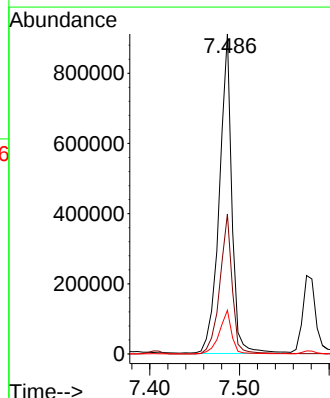
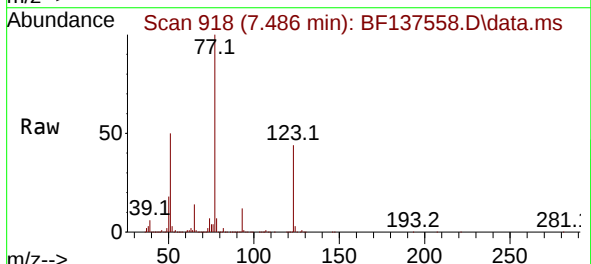
Tgt Ion: 77 Resp: 881505

Ion Ratio Lower Upper

77 100

123 43.8 33.0 49.6

65 13.6 10.9 16.3





#25
Isophorone
Concen: 44.991 ng
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

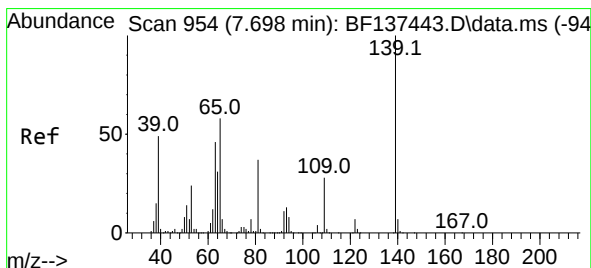
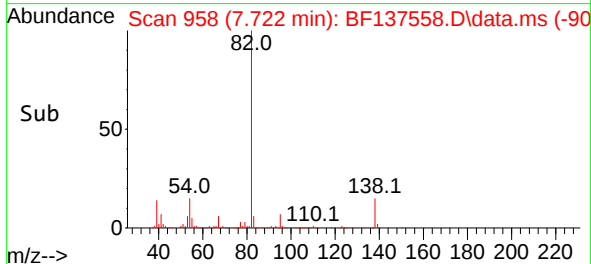
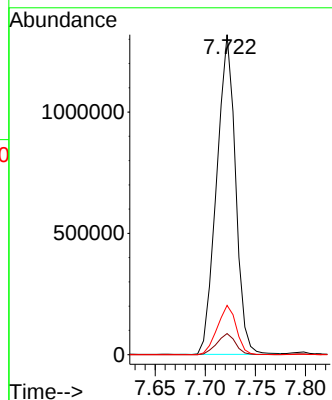
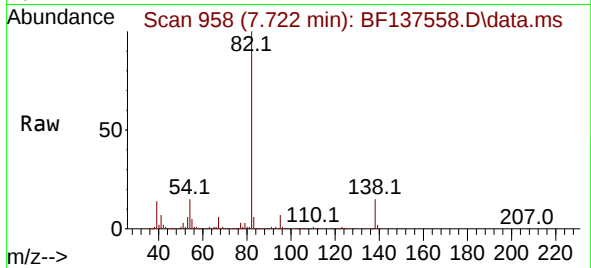
PB159533BS

Tgt Ion: 82 Resp: 1727225
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.4 11.8 17.8

Manual Integrations

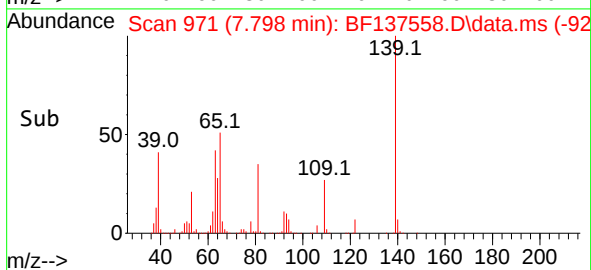
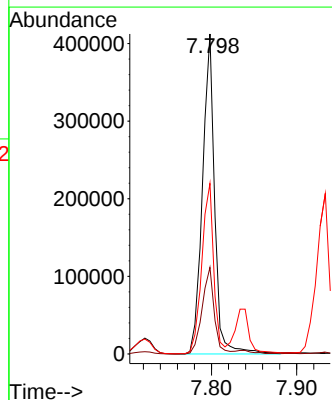
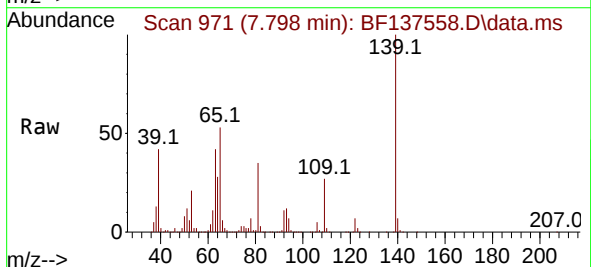
APPROVED

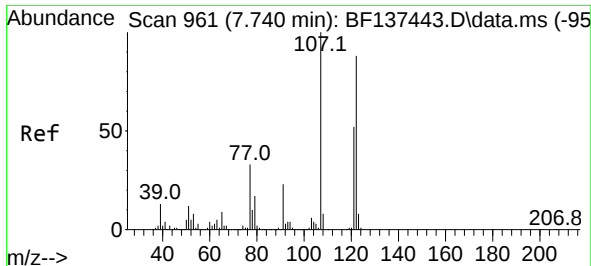
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#26
2-Nitrophenol
Concen: 51.030 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion:139 Resp: 411262
Ion Ratio Lower Upper
139 100
109 27.0 22.2 33.4
65 53.3 46.2 69.2





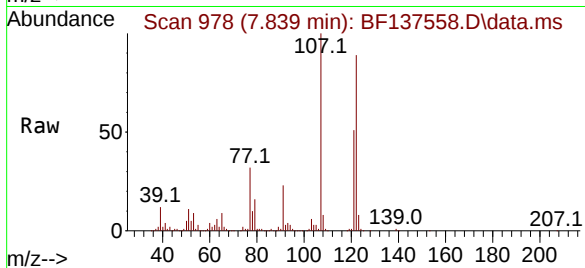
#27
2,4-Dimethylphenol
Concen: 39.696 ng
RT: 7.839 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS

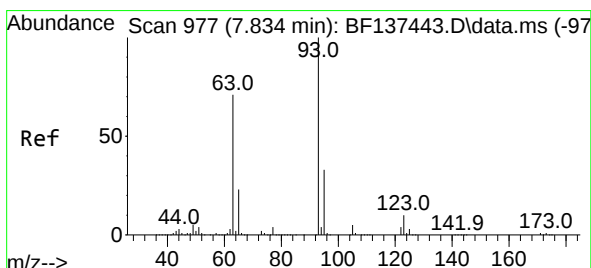
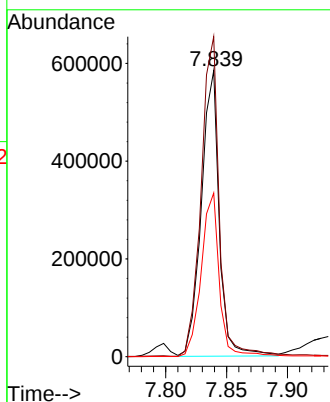
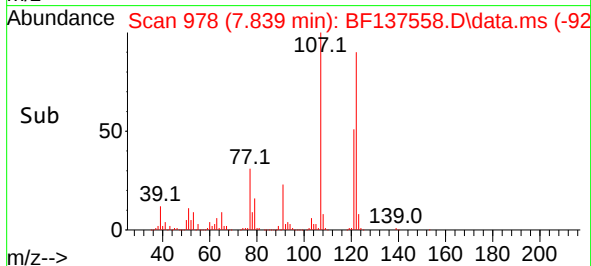


Tgt Ion:122 Resp: 597772
Ion Ratio Lower Upper
122 100
107 111.9 90.9 136.3
121 57.2 47.0 70.6

Manual Integrations

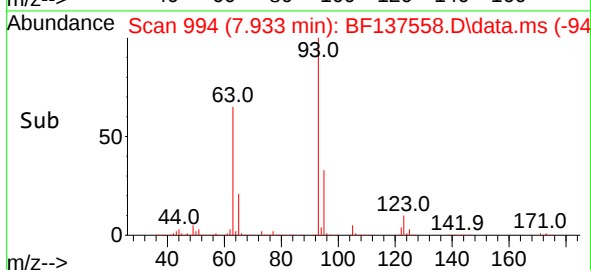
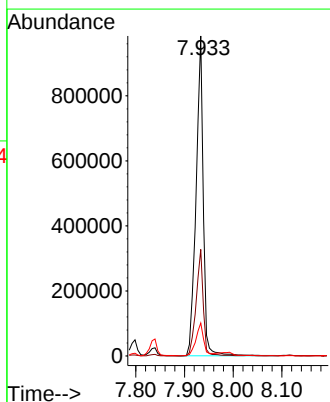
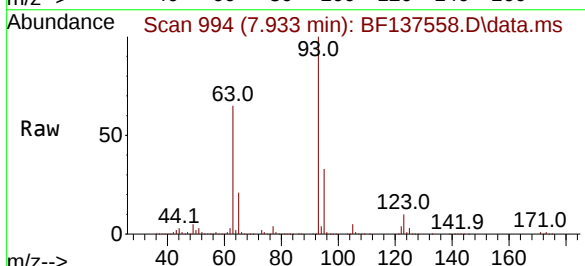
APPROVED

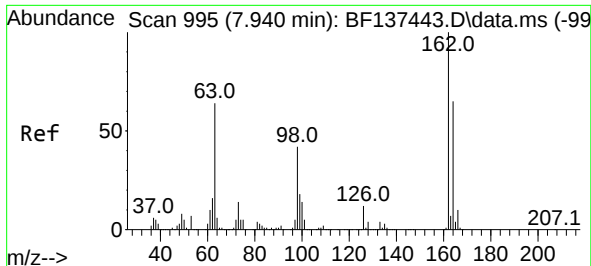
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.623 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion: 93 Resp: 1027655
Ion Ratio Lower Upper
93 100
95 33.3 26.5 39.7
123 10.3 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 47.621 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

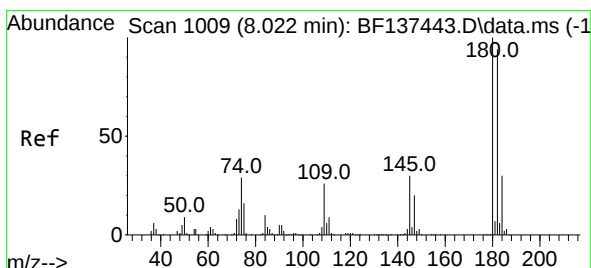
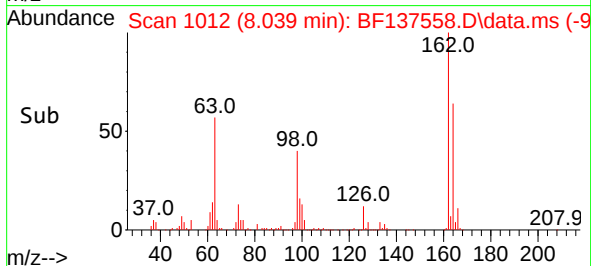
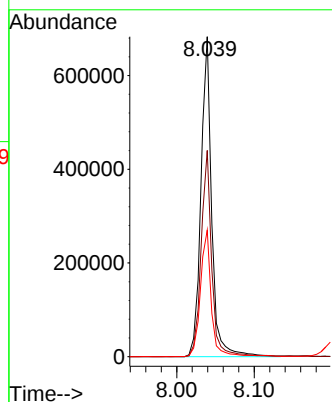
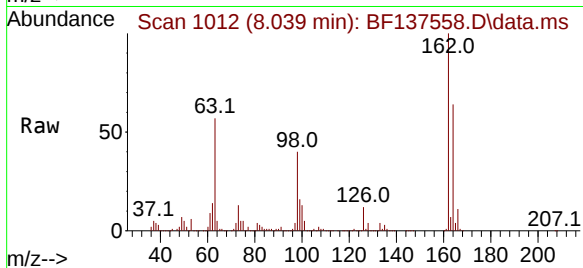
ClientSampleId :

PB159533BS

Tgt Ion:162 Resp: 65814
Ion Ratio Lower Upper
162 100
164 64.5 44.7 84.7
98 39.6 22.0 62.0

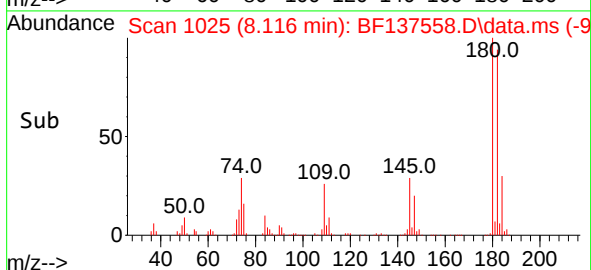
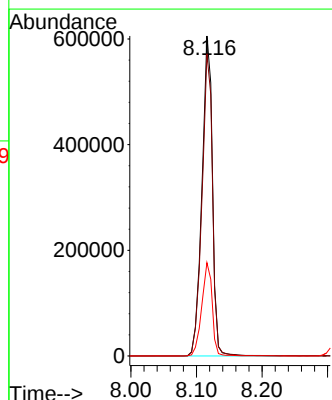
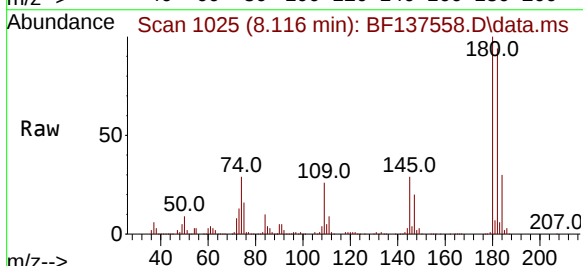
Manual Integrations
APPROVED

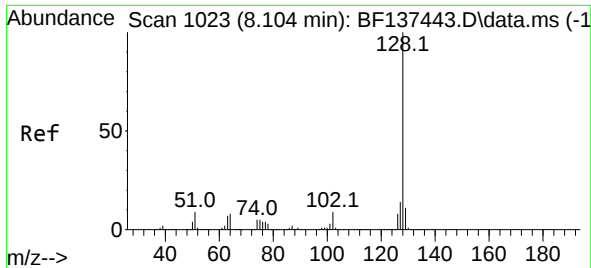
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#30
1,2,4-Trichlorobenzene
Concen: 46.491 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion:180 Resp: 676161
Ion Ratio Lower Upper
180 100
182 94.4 75.0 112.6
145 29.2 23.7 35.5





#31
Naphthalene
Concen: 43.197 ng
RT: 8.198 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

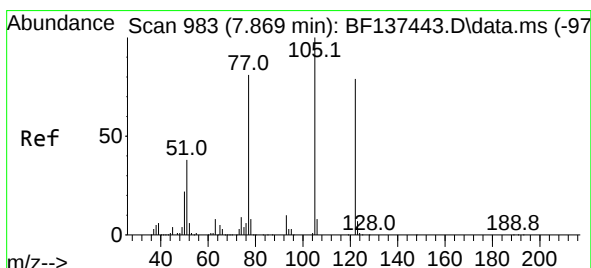
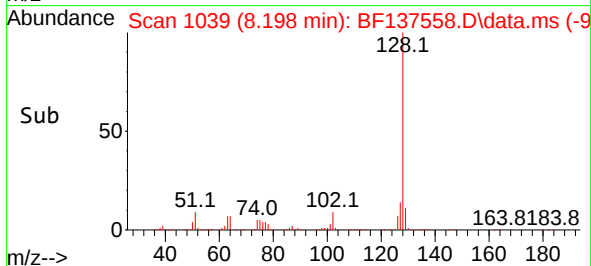
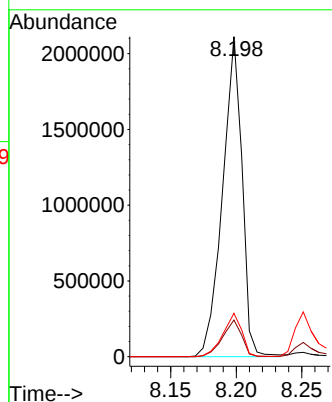
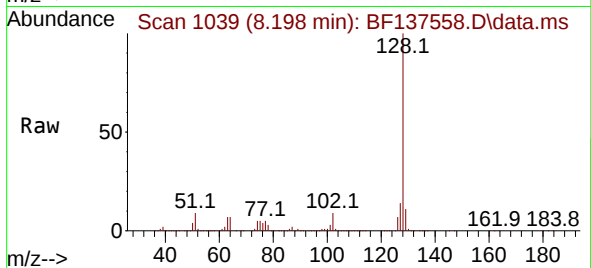
PB159533BS

Tgt Ion:128 Resp: 217611
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.6 10.8 16.2

Manual Integrations

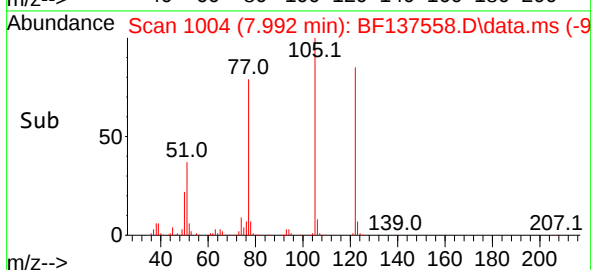
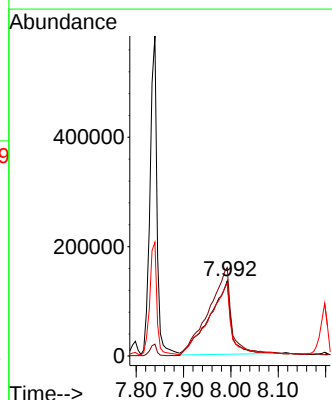
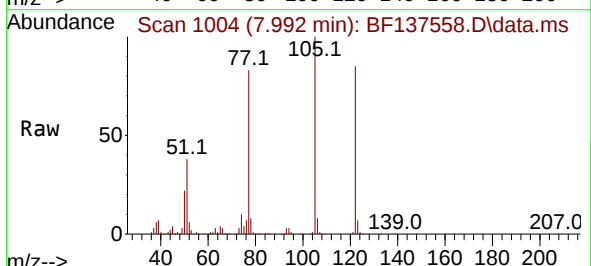
APPROVED

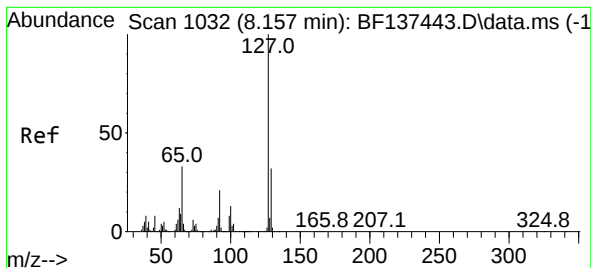
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#32
Benzoic acid
Concen: 49.902 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.012 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion:122 Resp: 435242
Ion Ratio Lower Upper
122 100
105 117.6 102.4 142.4
77 97.1 81.1 121.1





#33

4-Chloroaniline

Concen: 18.947 ng

RT: 8.251 min Scan# 1048

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS

Tgt Ion:127 Resp: 374280

Ion Ratio Lower Upper

127 100

129 31.8 26.0 39.0

65 32.9 26.8 40.2

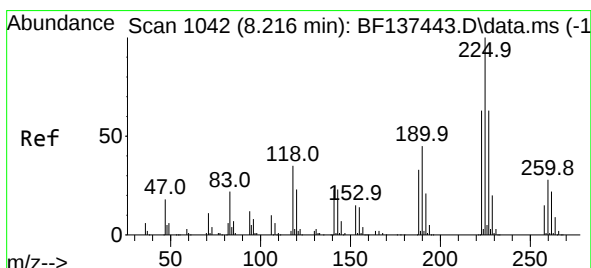
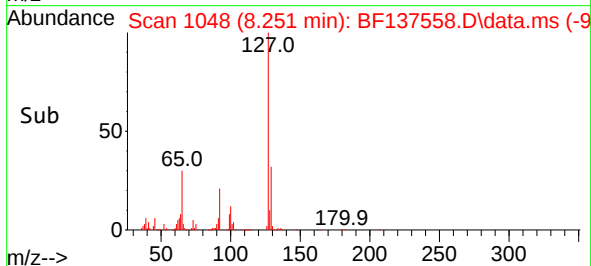
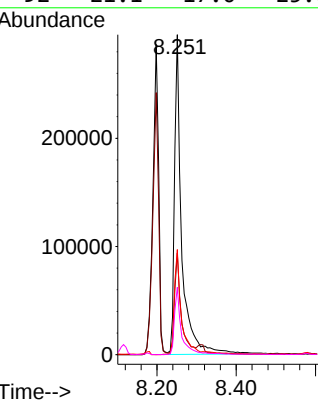
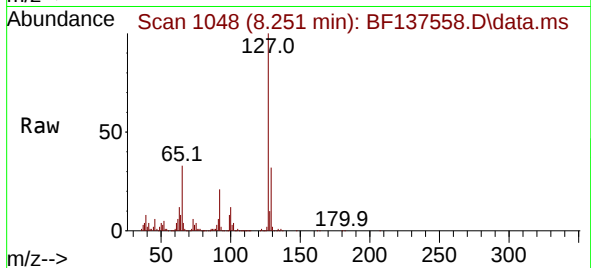
92 21.1 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#34

Hexachlorobutadiene

Concen: 45.510 ng

RT: 8.310 min Scan# 1058

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

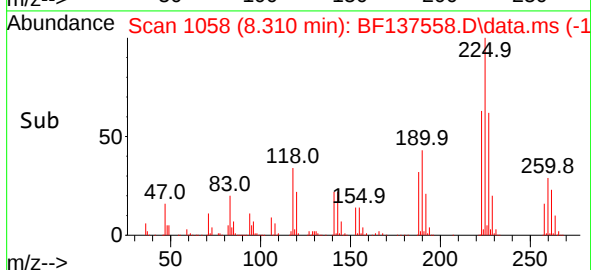
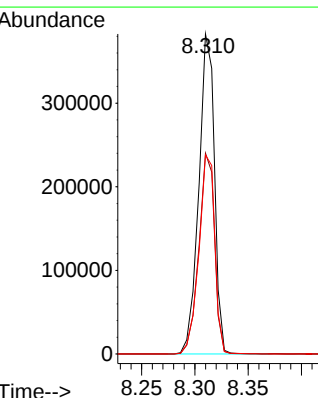
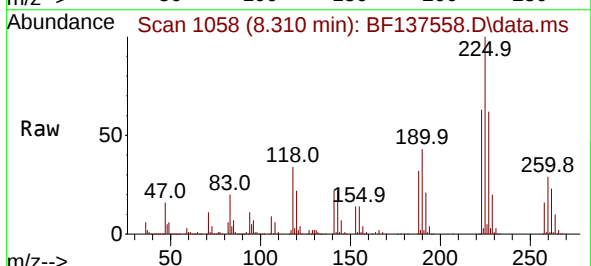
Tgt Ion:225 Resp: 390767

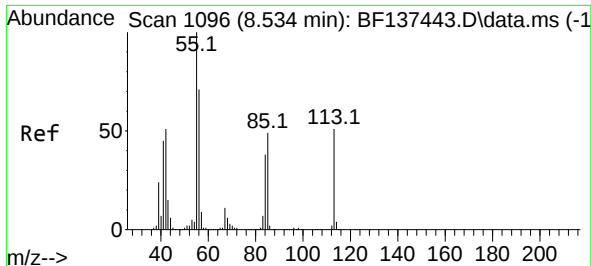
Ion Ratio Lower Upper

225 100

223 62.8 50.7 76.1

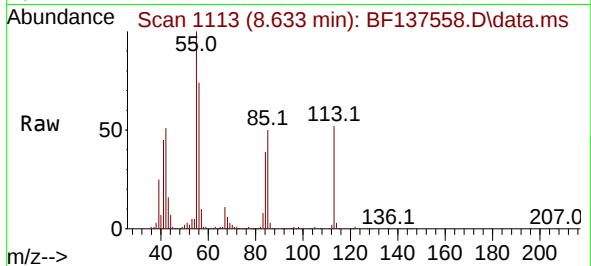
227 62.2 50.6 75.8





#35
Caprolactam
Concen: 50.297 ng m
RT: 8.633 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

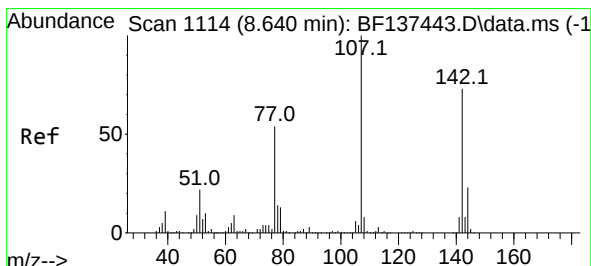
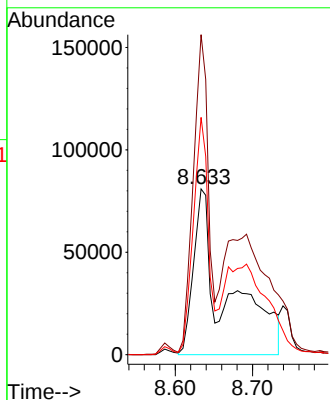
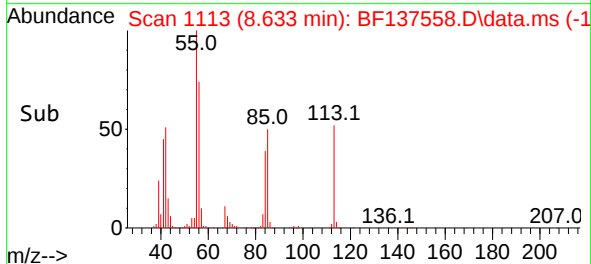
Instrument :
BNA_F
ClientSampleId :
PB159533BS



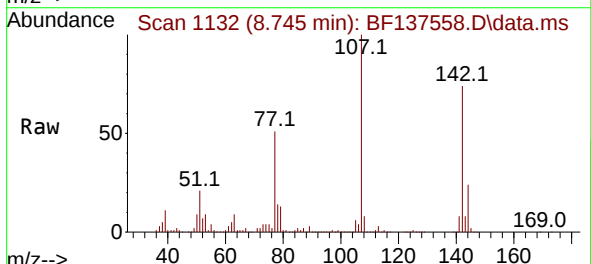
Tgt Ion:113 Resp: 235709
Ion Ratio Lower Upper
113 100
55 192.9 176.7 216.7
56 143.1 120.6 160.6

Manual Integrations
APPROVED

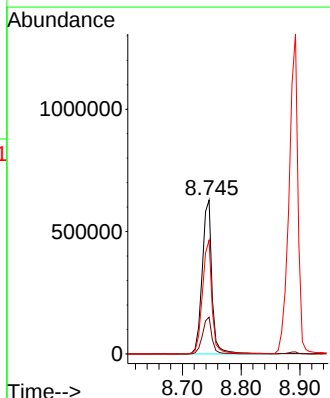
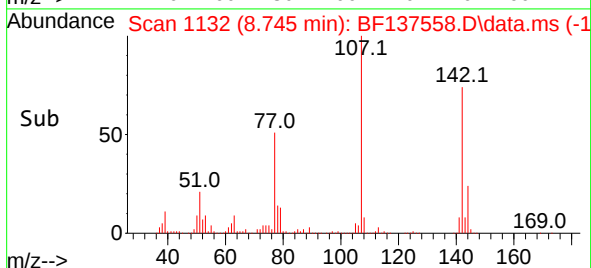
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

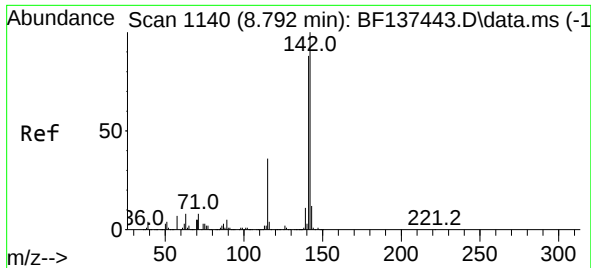


#36
4-Chloro-3-methylphenol
Concen: 46.737 ng
RT: 8.745 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13



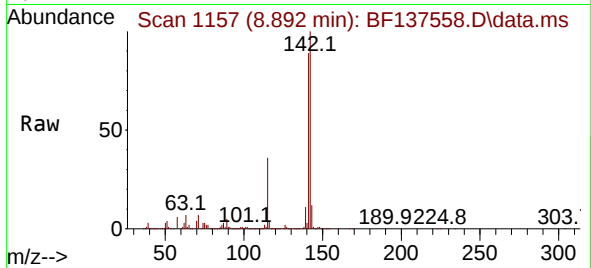
Tgt Ion:107 Resp: 722020
Ion Ratio Lower Upper
107 100
144 24.0 18.7 28.1
142 74.0 58.2 87.2





#37
2-Methylnaphthalene
Concen: 42.845 ng
RT: 8.892 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

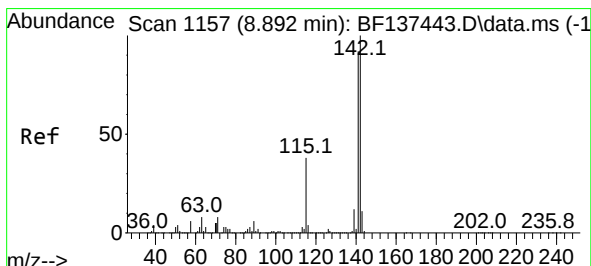
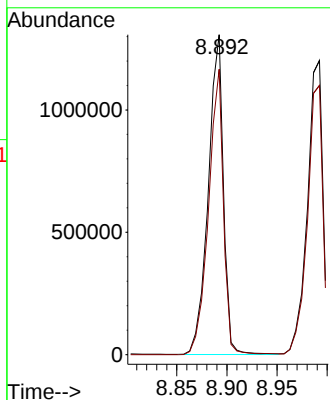
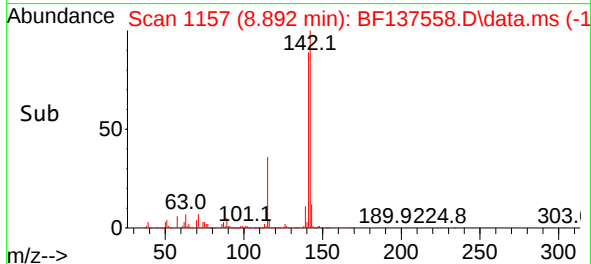
Instrument :
BNA_F
ClientSampleId :
PB159533BS



Tgt Ion:142 Resp: 1375949
Ion Ratio Lower Upper
142 100
141 89.2 70.4 105.6

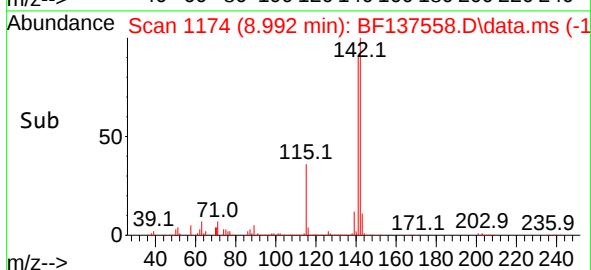
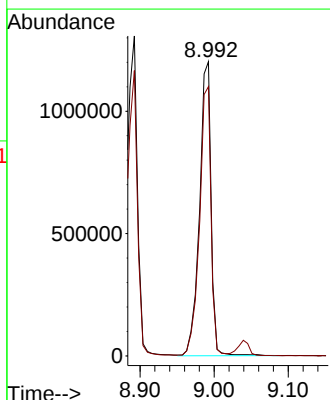
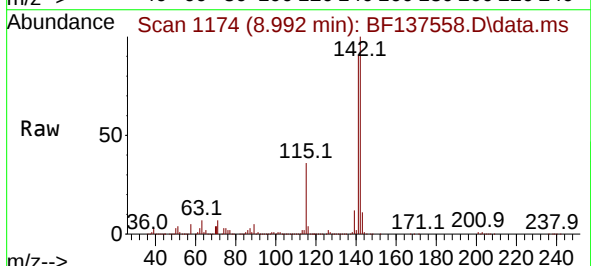
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#38
1-Methylnaphthalene
Concen: 43.285 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion:142 Resp: 1309088
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF137558.D

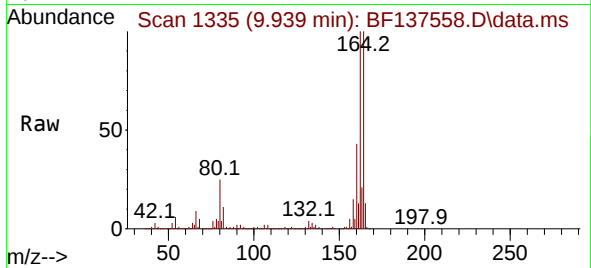
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS



Tgt Ion:164 Resp: 522788

Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.8

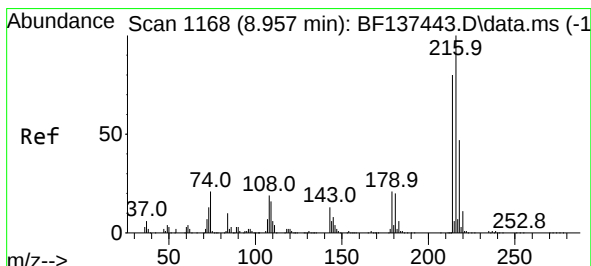
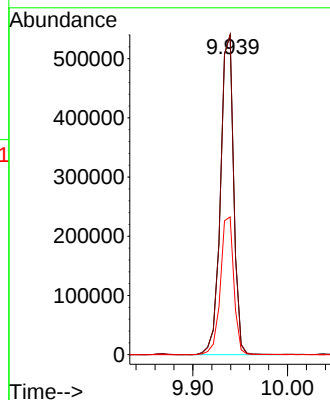
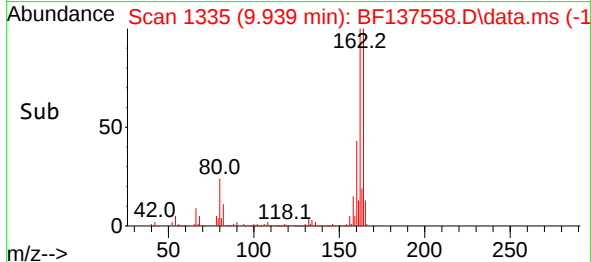
160 43.1 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.555 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Tgt Ion:216 Resp: 664872

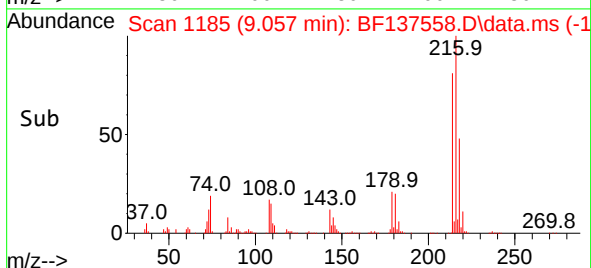
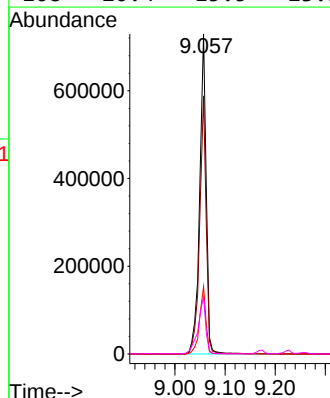
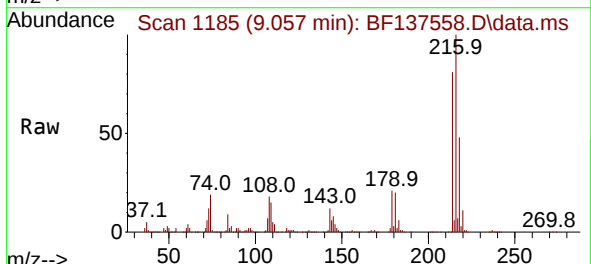
Ion Ratio Lower Upper

216 100

214 80.0 63.5 95.3

179 20.4 16.6 25.0

108 20.4 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 94.796 ng
RT: 9.039 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

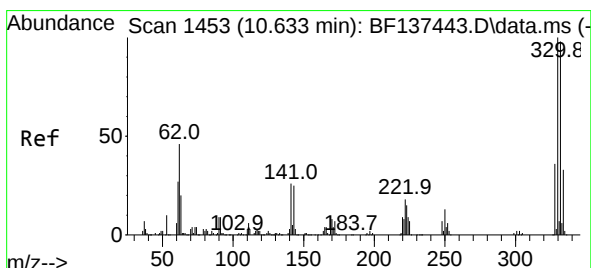
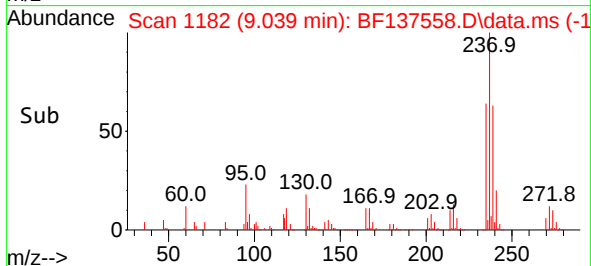
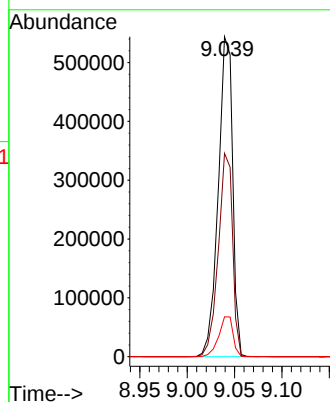
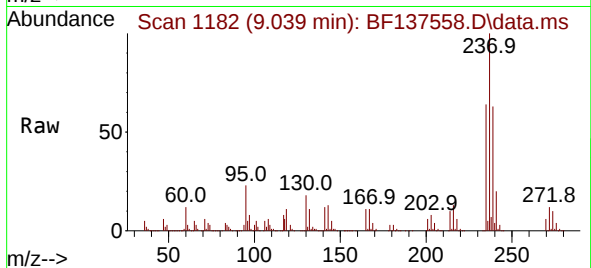
PB159533BS

Tgt Ion:237 Resp: 574738
Ion Ratio Lower Upper
237 100
235 63.6 43.6 83.6
272 12.5 0.0 31.9

Manual Integrations

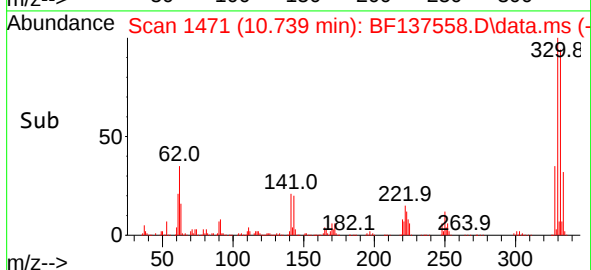
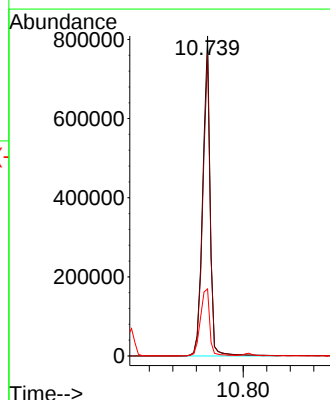
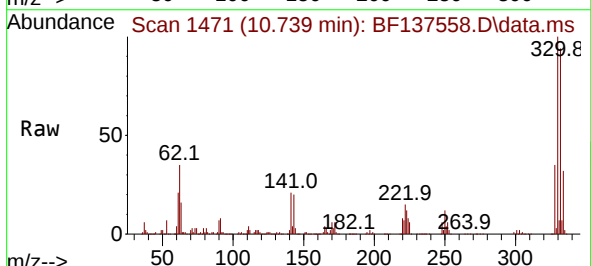
APPROVED

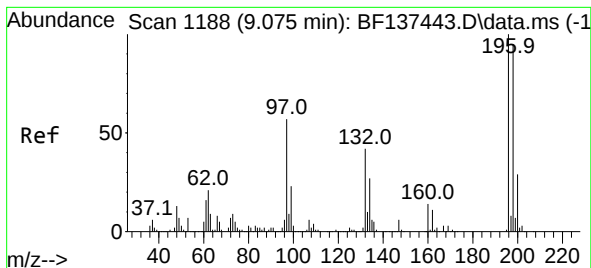
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#42
2,4,6-Tribromophenol
Concen: 152.213 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

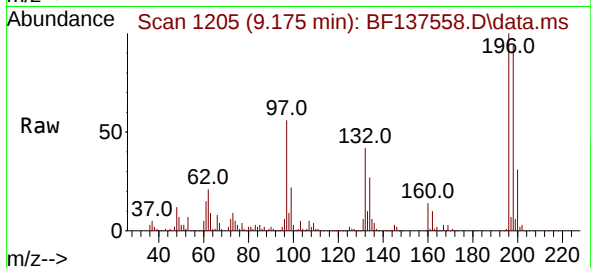
Tgt Ion:330 Resp: 698807
Ion Ratio Lower Upper
330 100
332 95.0 78.0 117.0
141 26.6 27.3 40.9#





#43
2,4,6-Trichlorophenol
Concen: 48.138 ng
RT: 9.175 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

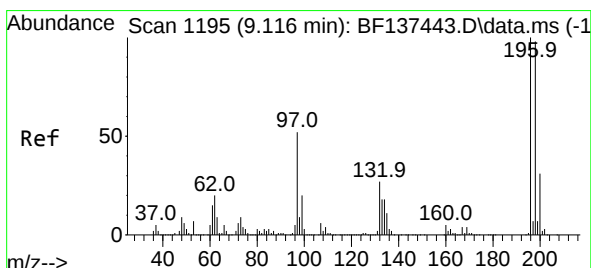
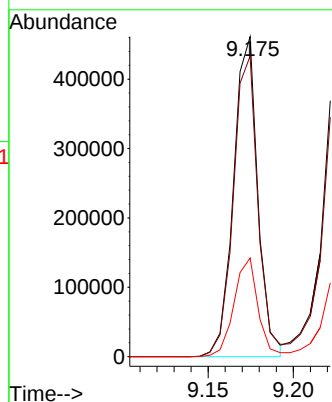
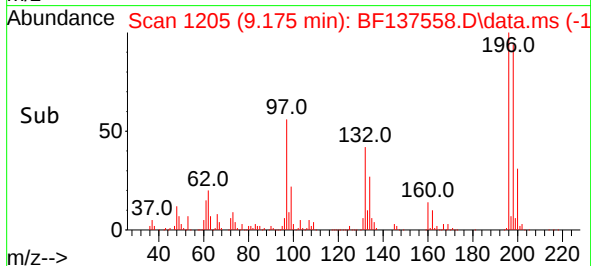
Instrument :
BNA_F
ClientSampleId :
PB159533BS



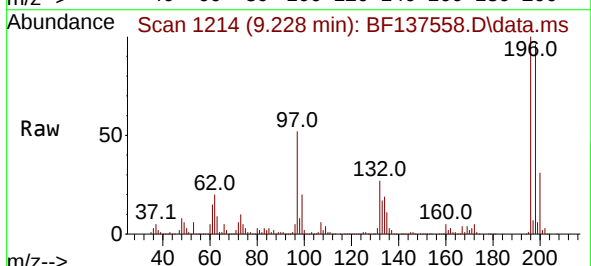
Tgt Ion:196 Resp: 45751
Ion Ratio Lower Upper
196 100
198 94.0 75.8 113.8
200 30.9 23.5 35.3

Manual Integrations
APPROVED

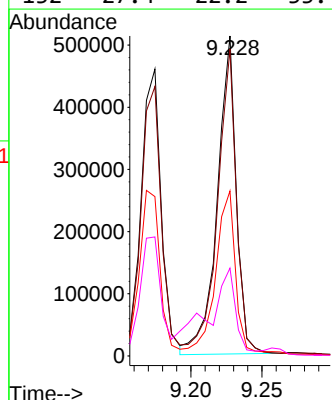
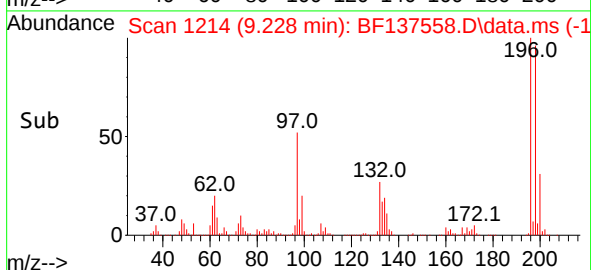
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

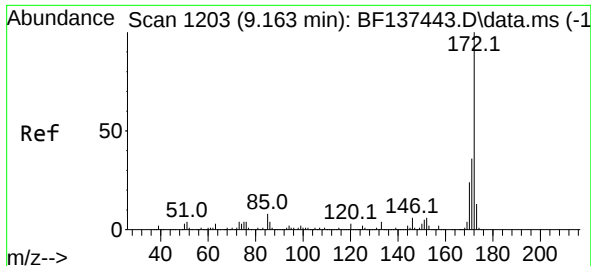


#44
2,4,5-Trichlorophenol
Concen: 43.504 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.018 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13



Tgt Ion:196 Resp: 476302
Ion Ratio Lower Upper
196 100
198 95.9 78.6 117.8
97 51.5 41.8 62.8
132 27.4 22.2 33.4





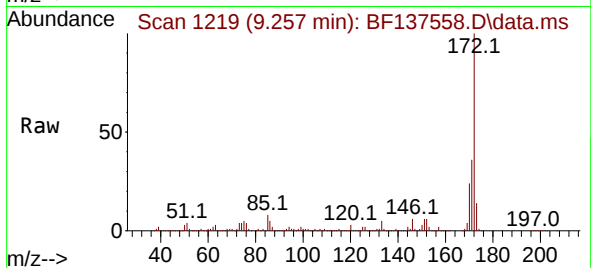
#45
2-Fluorobiphenyl
Concen: 81.417 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS



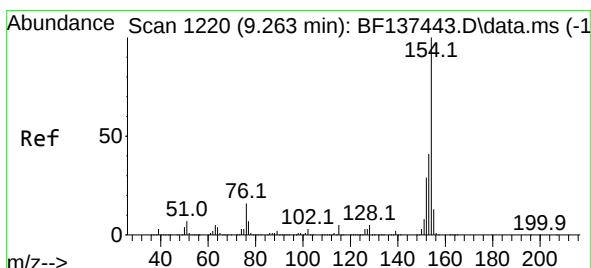
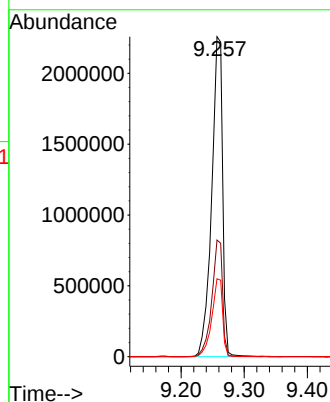
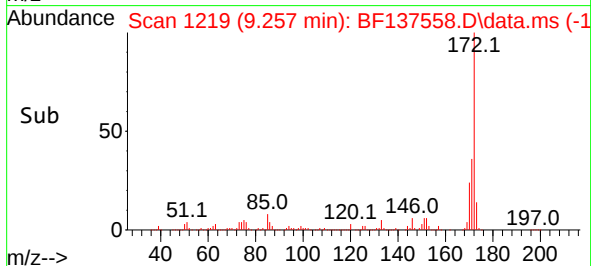
Tgt Ion:172 Resp: 271912
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.3 19.0 28.6

Manual Integrations

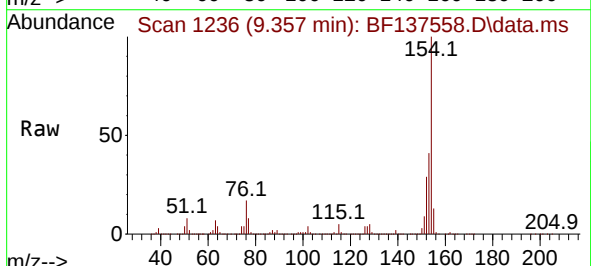
APPROVED

Reviewed By :Yogesh Patel 03/12/2024

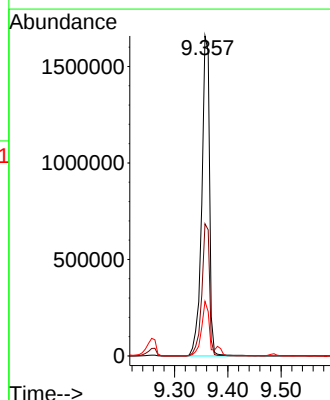
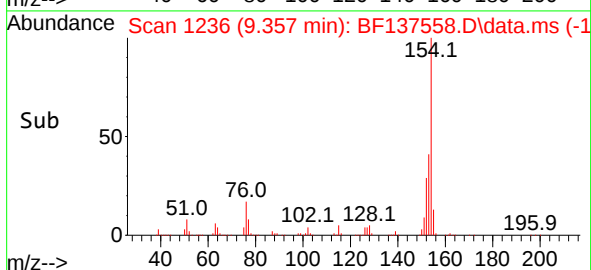
Supervised By :mohammad ahmed 03/12/2024

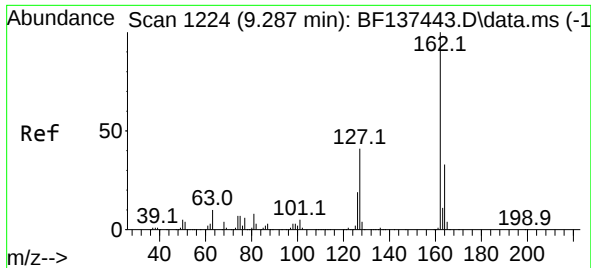


#46
1,1'-Biphenyl
Concen: 43.803 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13



Tgt Ion:154 Resp: 1676038
Ion Ratio Lower Upper
154 100
153 41.3 21.0 61.0
76 17.1 0.0 35.8





#47

2-Chloronaphthalene

Concen: 46.226 ng

RT: 9.380 min Scan# 1240

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS

Tgt Ion:162 Resp: 1348528

Ion Ratio Lower Upper

162 100

127 42.5 32.6 49.0

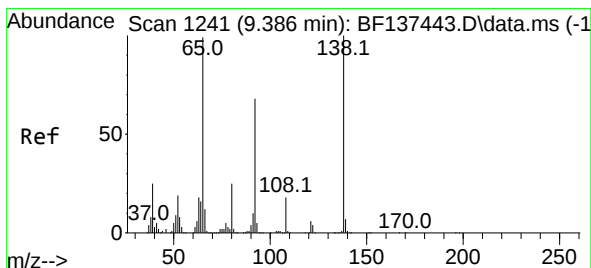
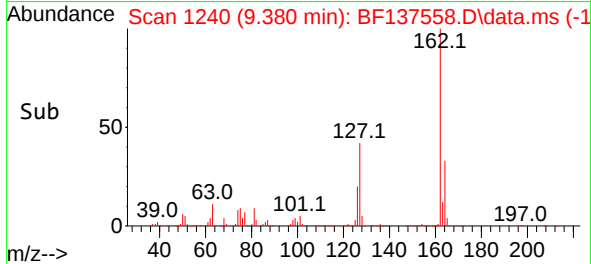
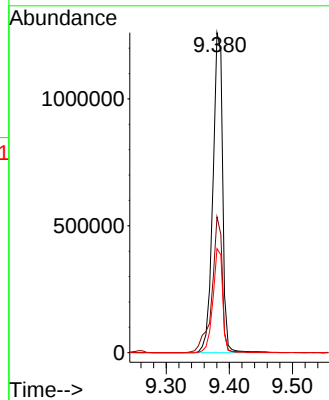
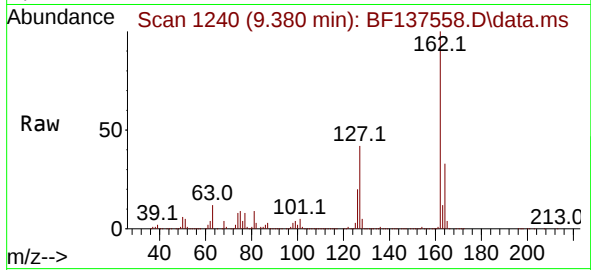
164 32.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#48

2-Nitroaniline

Concen: 49.180 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.006 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

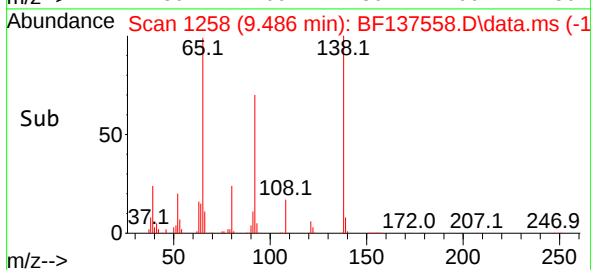
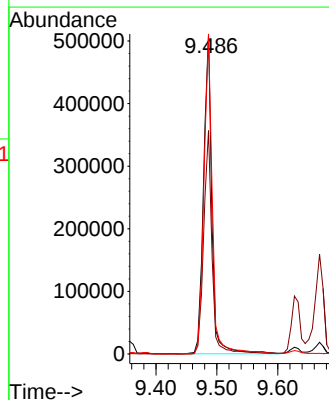
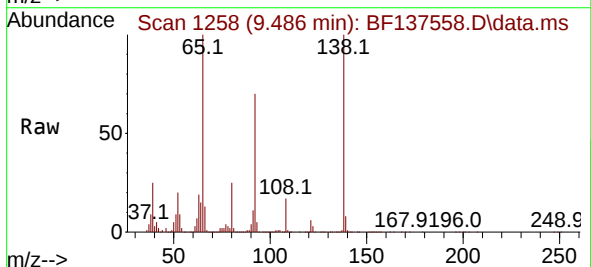
Tgt Ion: 65 Resp: 487651

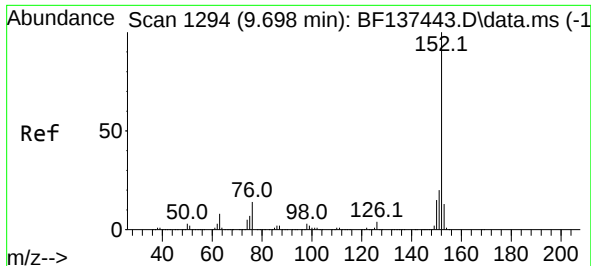
Ion Ratio Lower Upper

65 100

92 69.8 55.4 83.2

138 100.0 81.0 121.6





#49

Acenaphthylene

Concen: 44.960 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS

Tgt Ion:152 Resp: 209900

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

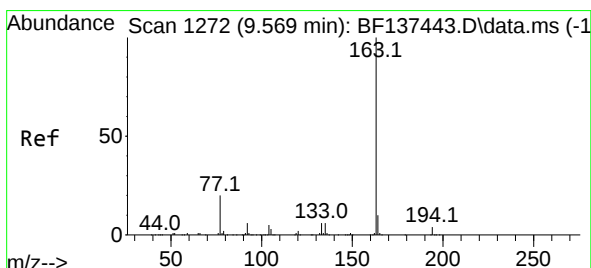
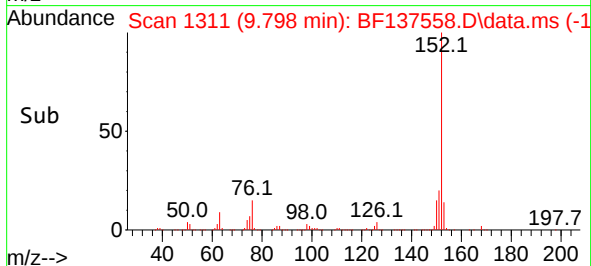
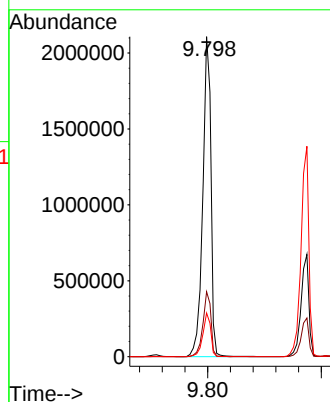
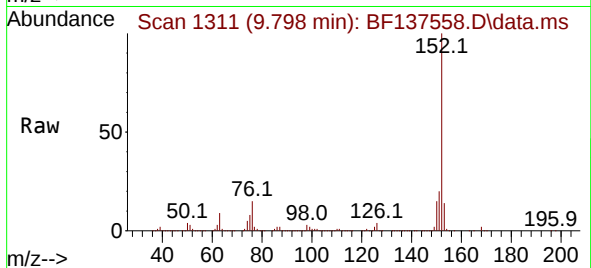
153 13.6 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#50

Dimethylphthalate

Concen: 45.816 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

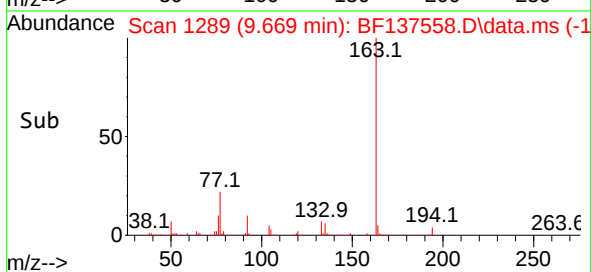
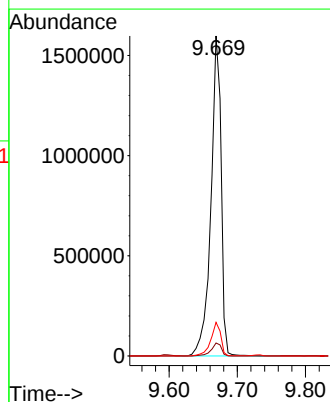
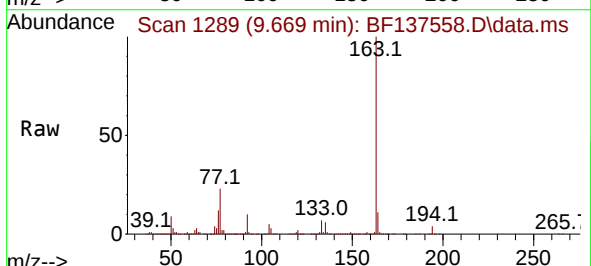
Tgt Ion:163 Resp: 1667343

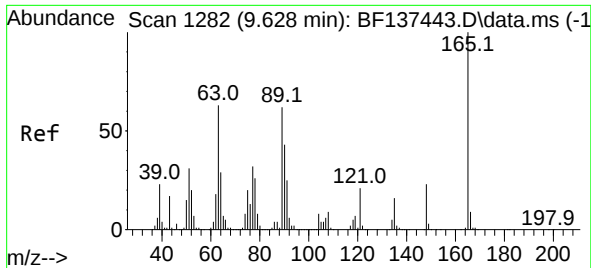
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.5 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 48.837 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

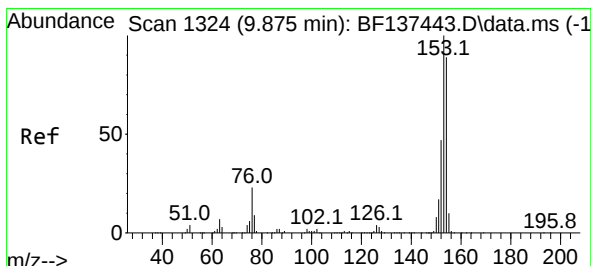
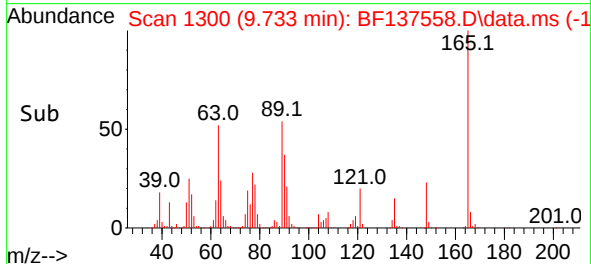
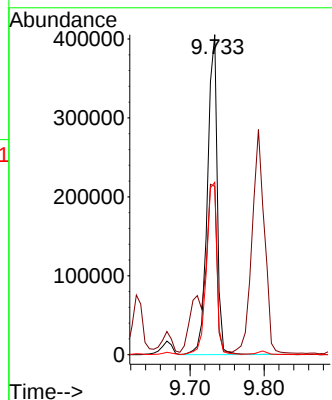
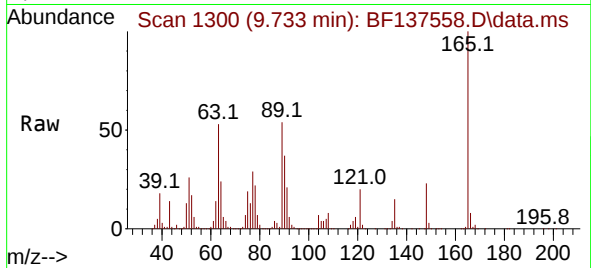
ClientSampleId :

PB159533BS

Tgt Ion:165 Resp: 37173
Ion Ratio Lower Upper
165 100
63 52.6 50.7 76.1
89 53.9 50.0 75.0

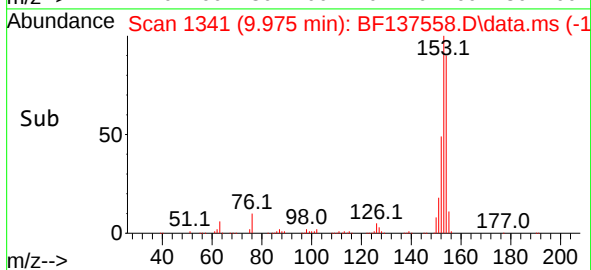
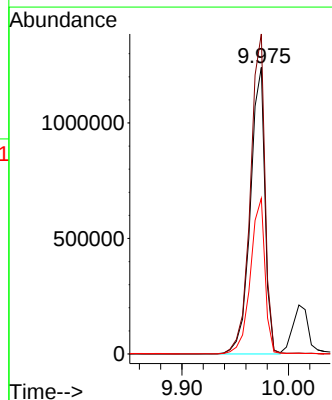
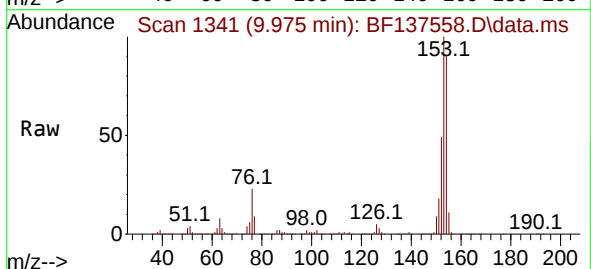
Manual Integrations
APPROVED

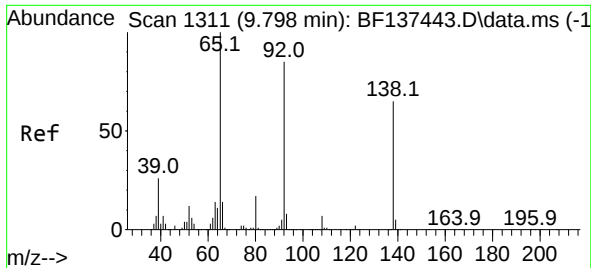
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#52
Acenaphthene
Concen: 42.517 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion:154 Resp: 1185031
Ion Ratio Lower Upper
154 100
153 111.7 90.3 135.5
152 54.3 42.7 64.1





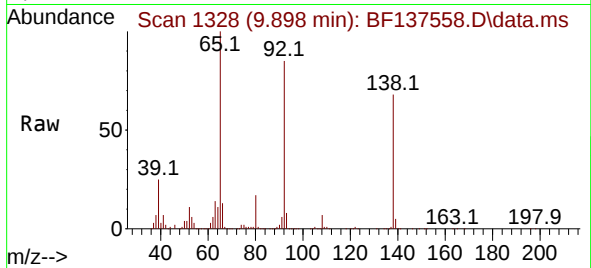
#53
3-Nitroaniline
Concen: 33.374 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS



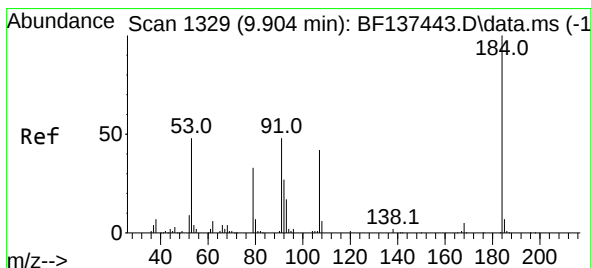
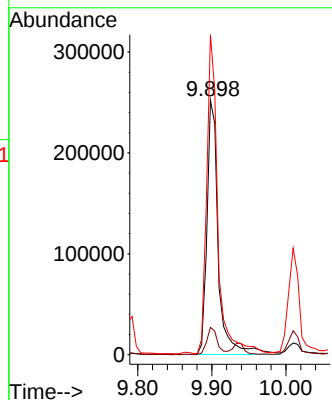
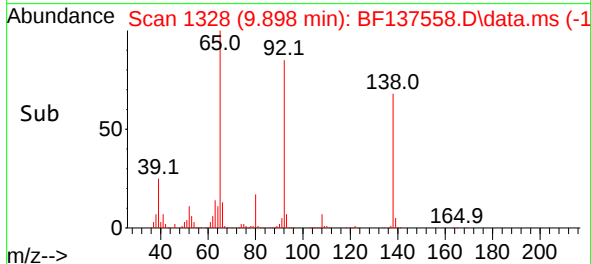
Tgt Ion:138 Resp: 268700
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 125.9 104.6 157.0

Manual Integrations

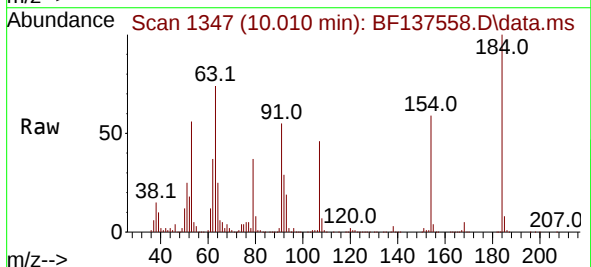
APPROVED

Reviewed By :Yogesh Patel 03/12/2024

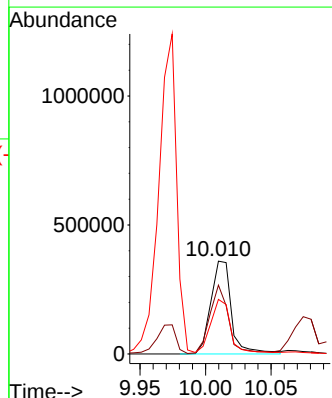
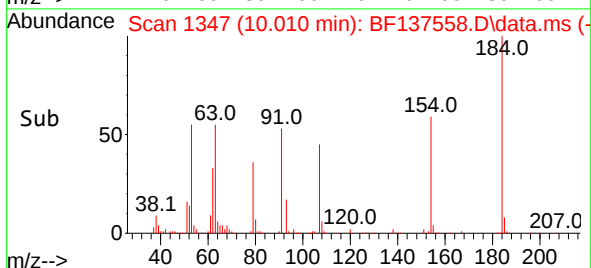
Supervised By :mohammad ahmed 03/12/2024

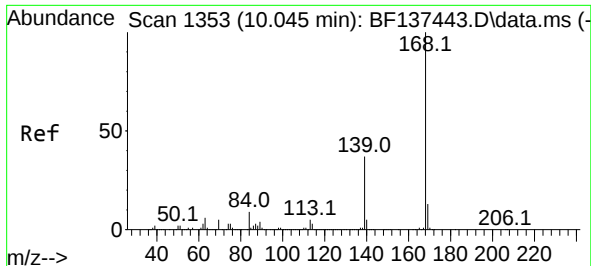


#54
2,4-Dinitrophenol
Concen: 103.819 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13



Tgt Ion:184 Resp: 395575
Ion Ratio Lower Upper
184 100
63 74.1 53.3 79.9
154 58.9 47.4 71.0





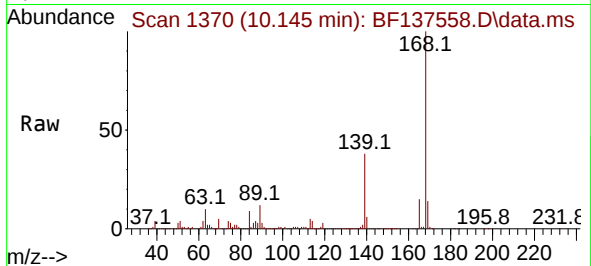
#55
Dibenzenofuran
Concen: 42.351 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS



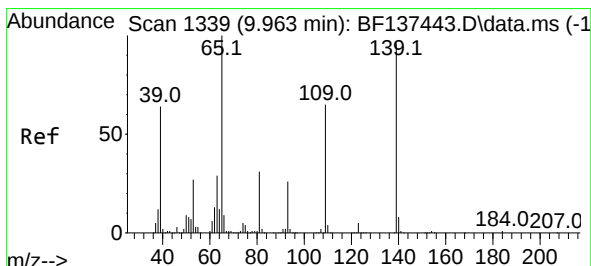
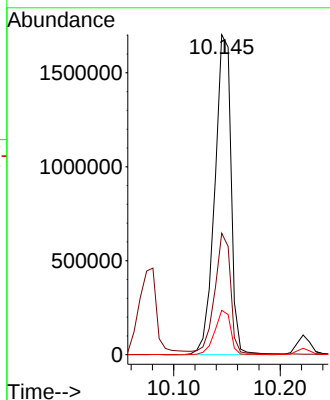
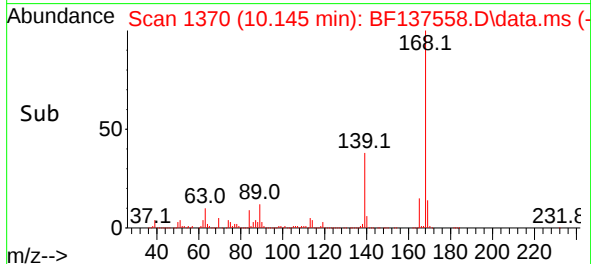
Tgt Ion:168 Resp: 1797880
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.6
169 13.9 10.8 16.2

Manual Integrations

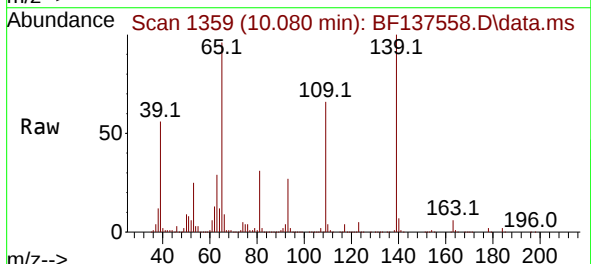
APPROVED

Reviewed By :Yogesh Patel 03/12/2024

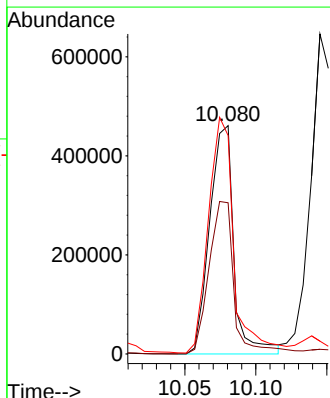
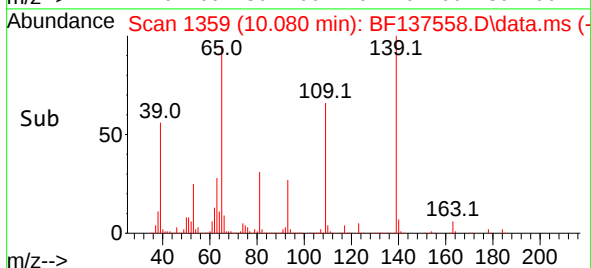
Supervised By :mohammad ahmed 03/12/2024

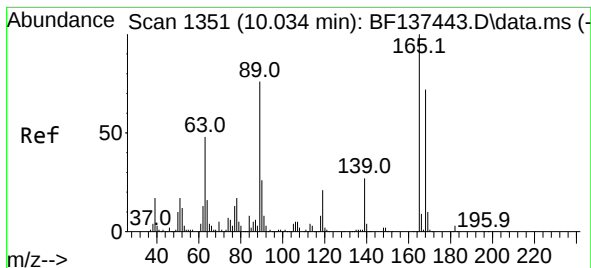


#56
4-Nitrophenol
Concen: 94.106 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.018 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13



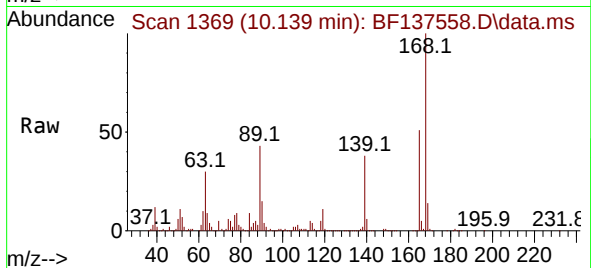
Tgt Ion:139 Resp: 543894
Ion Ratio Lower Upper
139 100
109 66.2 47.1 87.1
65 95.7 85.1 125.1





#57
2,4-Dinitrotoluene
Concen: 47.133 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

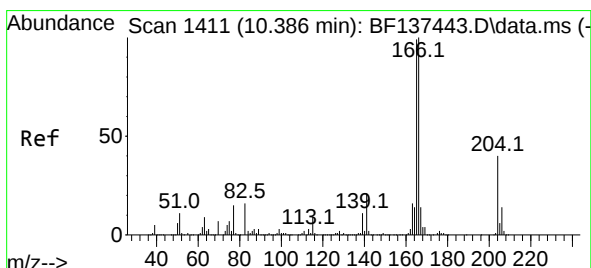
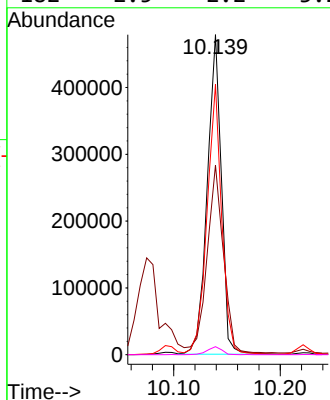
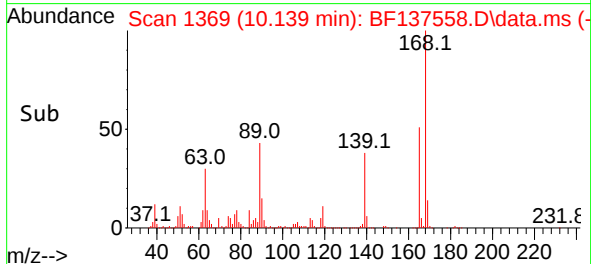
Instrument :
BNA_F
ClientSampleId :
PB159533BS



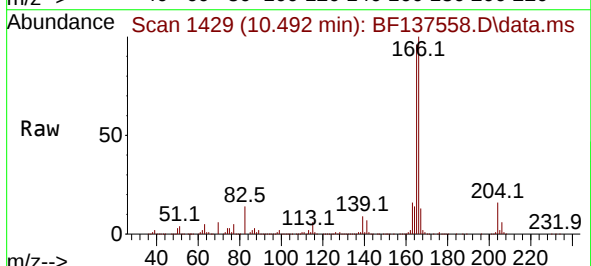
Tgt Ion:165 Resp: 440772
Ion Ratio Lower Upper
165 100
63 59.3 39.0 58.6
89 84.5 60.9 91.3
182 2.5 2.2 3.2

Manual Integrations
APPROVED

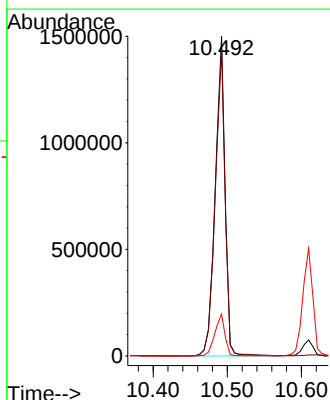
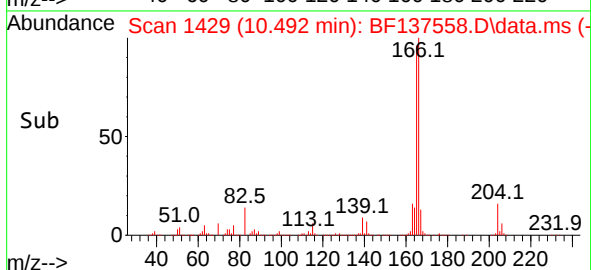
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

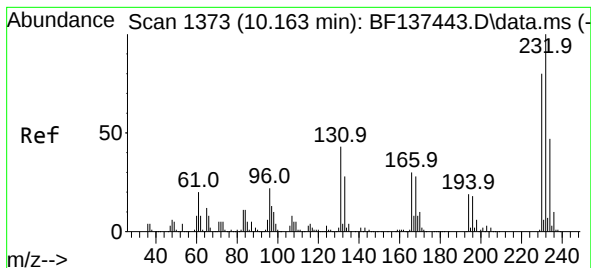


#58
Fluorene
Concen: 42.116 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13



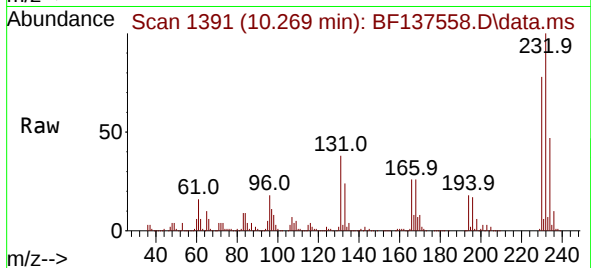
Tgt Ion:166 Resp: 1373076
Ion Ratio Lower Upper
166 100
165 95.8 79.2 118.8
167 13.1 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.088 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

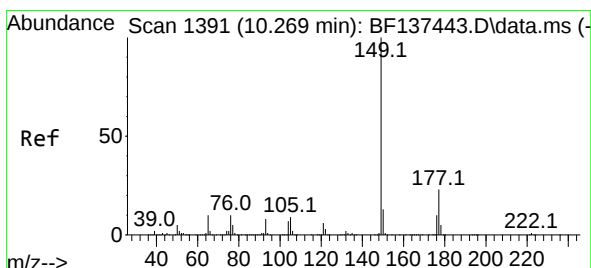
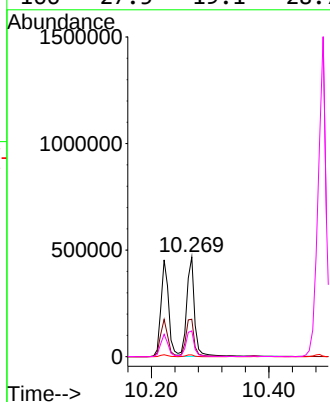
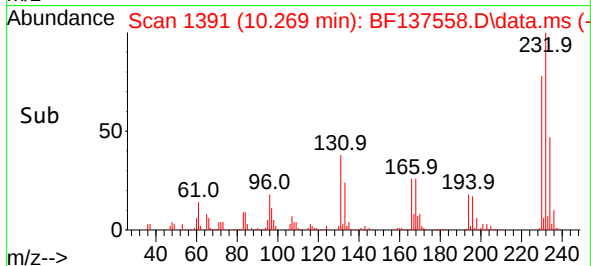
Instrument :
BNA_F
ClientSampleId :
PB159533BS



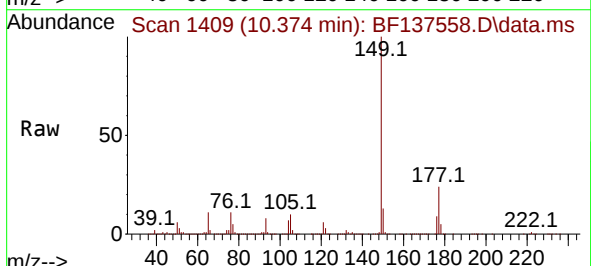
Tgt Ion:232 Resp: 43097
Ion Ratio Lower Upper
232 100
131 41.5 31.2 46.8
130 2.0 1.8 2.6
166 27.5 19.1 28.7

Manual Integrations
APPROVED

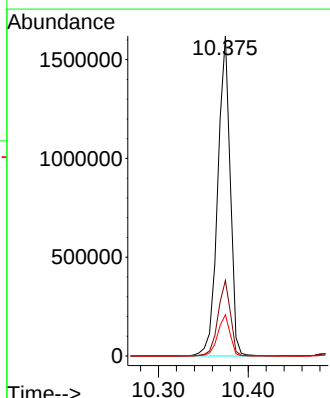
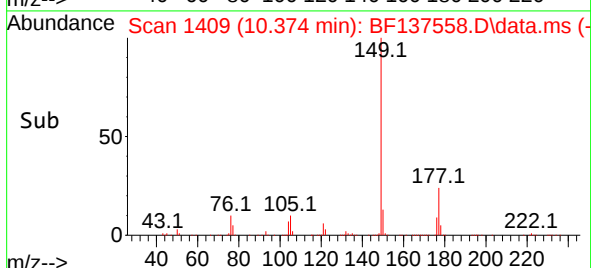
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

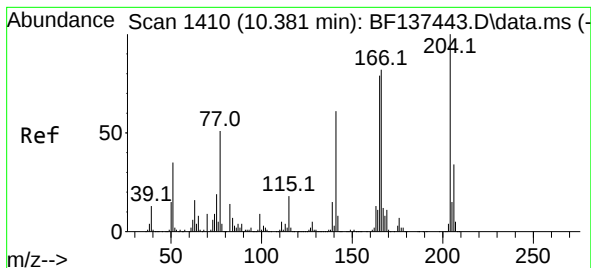


#60
Diethylphthalate
Concen: 45.426 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13



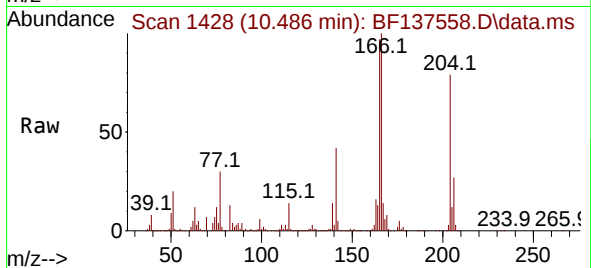
Tgt Ion:149 Resp: 1561100
Ion Ratio Lower Upper
149 100
177 23.6 18.7 28.1
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.975 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

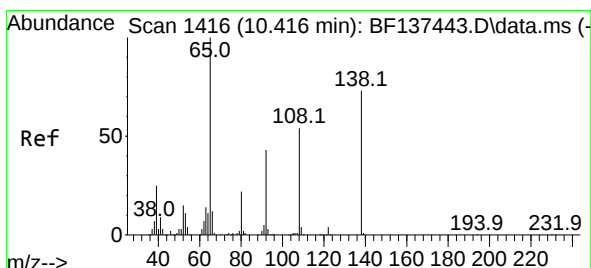
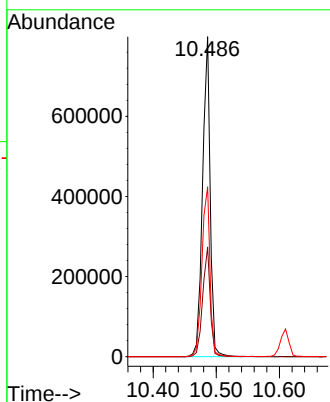
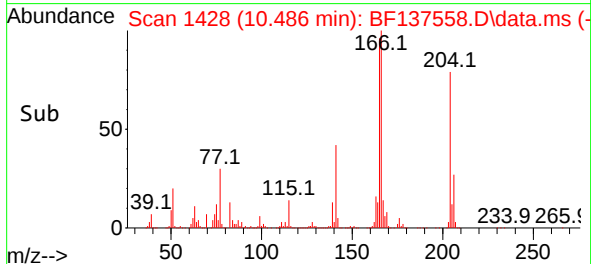
Instrument :
BNA_F
ClientSampleId :
PB159533BS



Tgt Ion:204 Resp: 67067
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.0
141 53.1 48.4 72.6

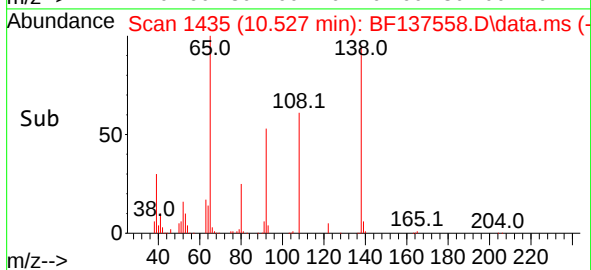
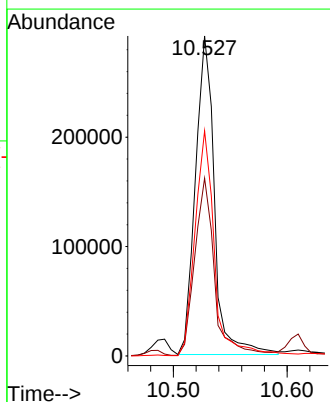
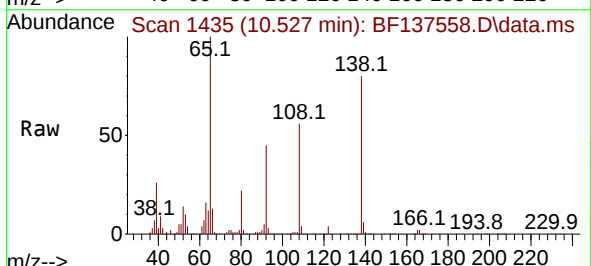
Manual Integrations
APPROVED

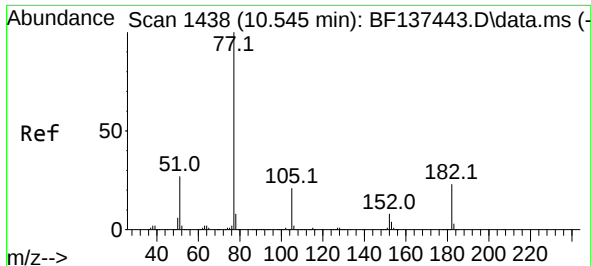
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#62
4-Nitroaniline
Concen: 48.982 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion:138 Resp: 338953
Ion Ratio Lower Upper
138 100
92 55.5 37.9 77.9
108 70.3 53.2 93.2





#63
Azobenzene
Concen: 43.827 ng
RT: 10.645 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

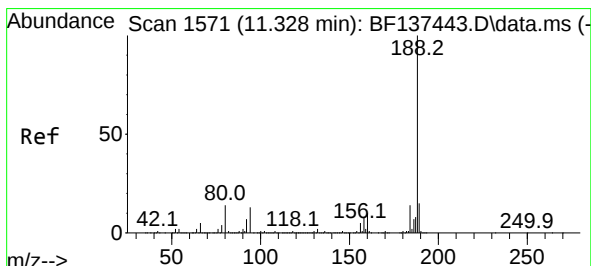
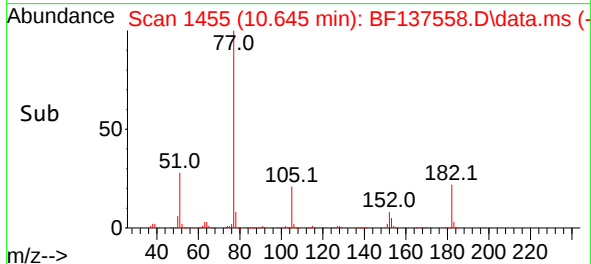
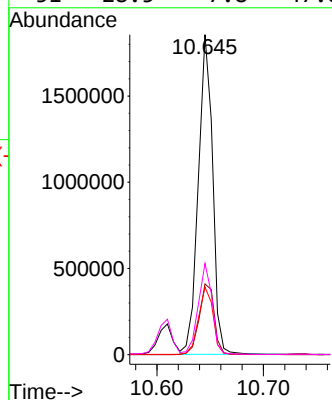
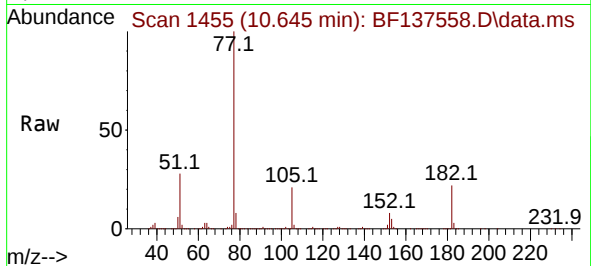
PB159533BS

Tgt Ion: 77 Resp: 1734339
Ion Ratio Lower Upper
77 100
182 22.1 3.2 43.2
105 21.1 1.2 41.2
51 28.5 7.8 47.8

Manual Integrations

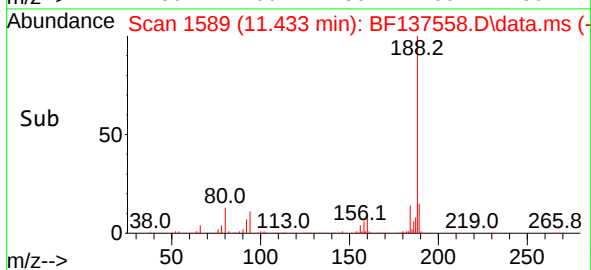
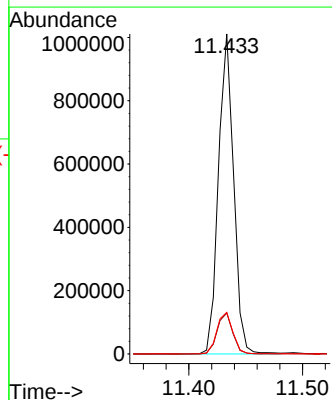
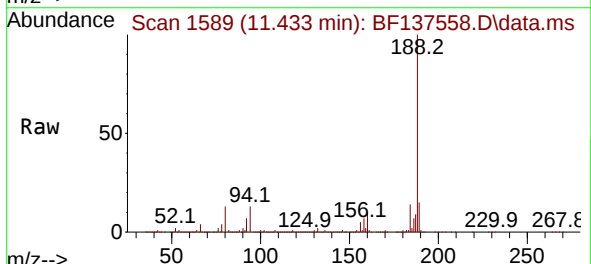
APPROVED

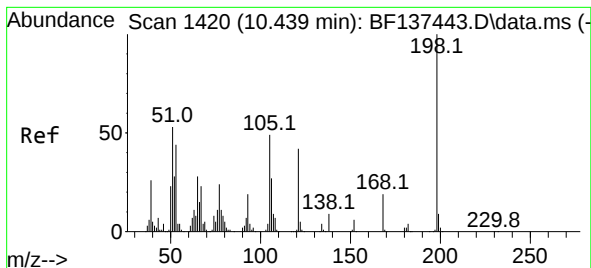
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion:188 Resp: 941249
Ion Ratio Lower Upper
188 100
94 12.8 10.6 15.8
80 13.0 11.5 17.3





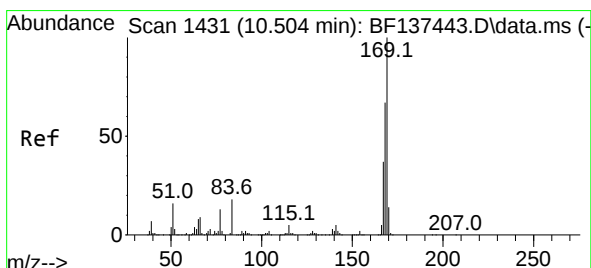
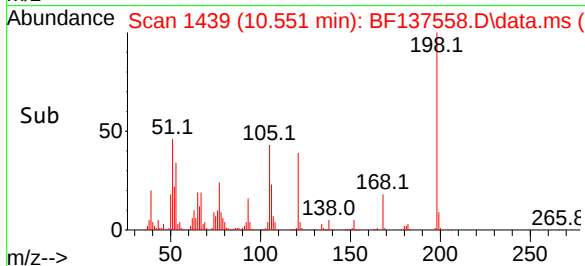
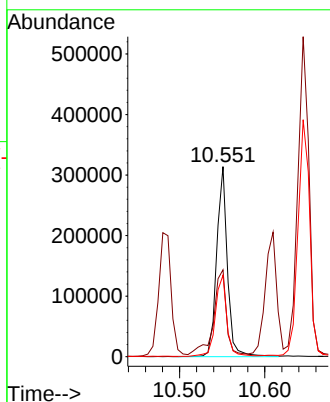
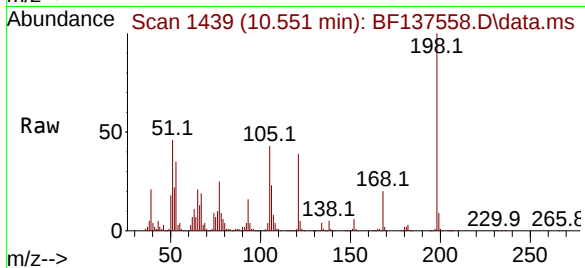
#65
4,6-Dinitro-2-methylphenol
Concen: 52.332 ng
RT: 10.551 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :
BNA_F
ClientSampleId :
PB159533BS

Tgt Ion:198 Resp: 27453
Ion Ratio Lower Upper
198 100
51 45.7 37.2 77.2
105 42.9 29.2 69.2

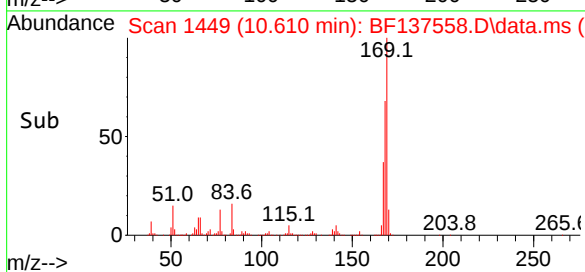
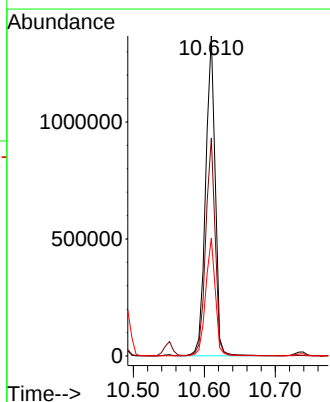
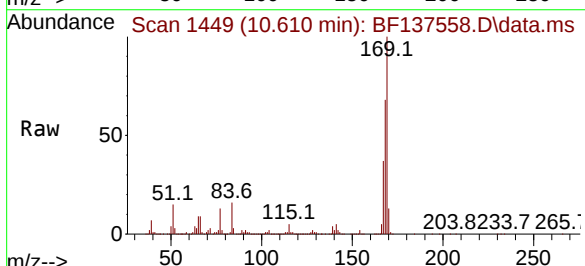
Manual Integrations
APPROVED

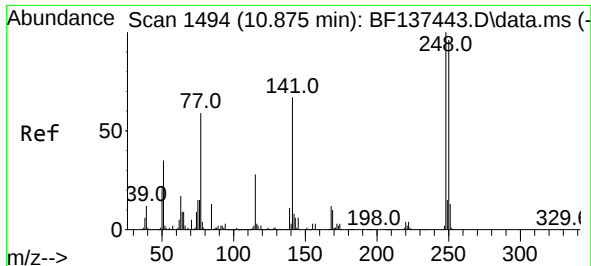
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#66
n-Nitrosodiphenylamine
Concen: 42.408 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion:169 Resp: 1285361
Ion Ratio Lower Upper
169 100
168 68.1 53.8 80.6
167 36.8 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 45.203 ng
RT: 10.980 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

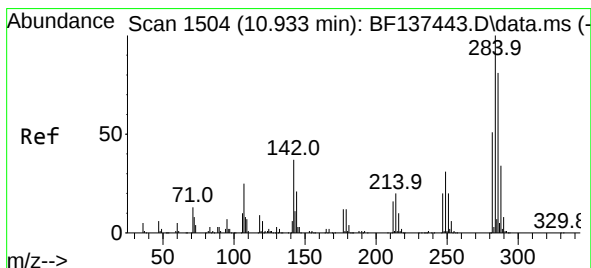
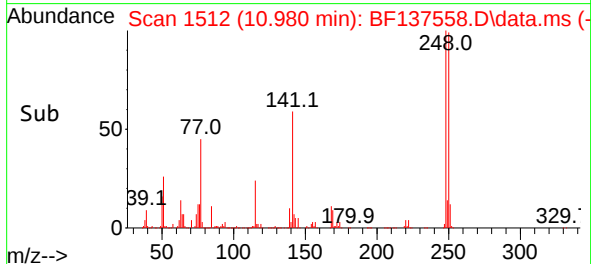
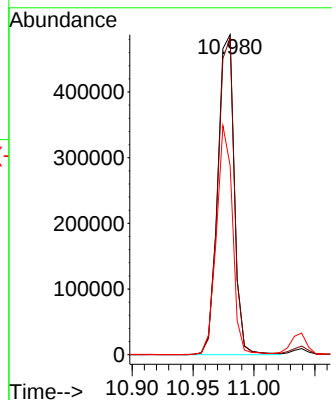
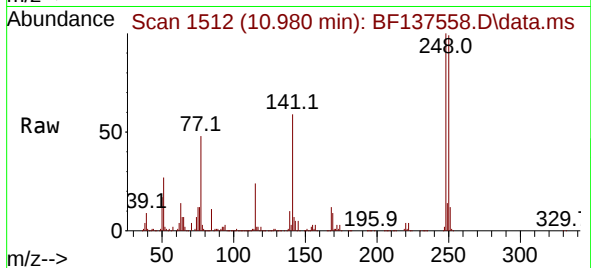
ClientSampleId :

PB159533BS

Tgt Ion:248 Resp: 46341
Ion Ratio Lower Upper
248 100
250 99.0 76.8 115.2
141 59.1 53.4 80.0

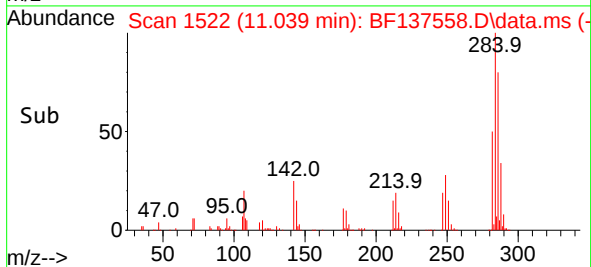
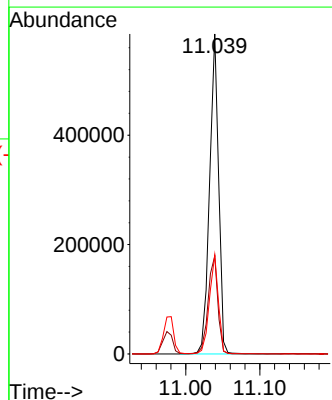
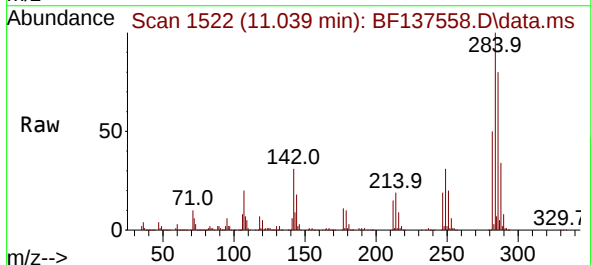
Manual Integrations
APPROVED

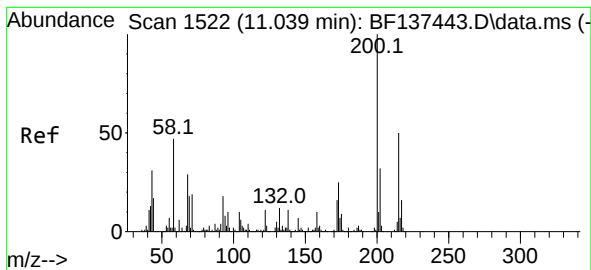
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#68
Hexachlorobenzene
Concen: 48.079 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion:284 Resp: 497841
Ion Ratio Lower Upper
284 100
142 30.6 29.4 44.0
249 30.9 25.0 37.4





#69

Atrazine

Concen: 41.505 ng

RT: 11.145 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS

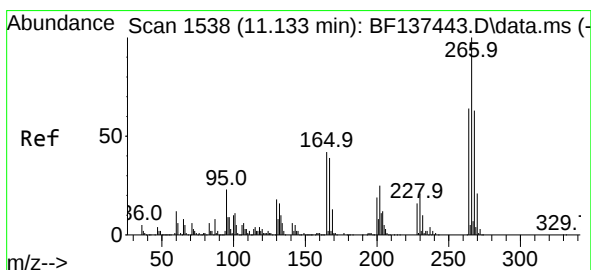
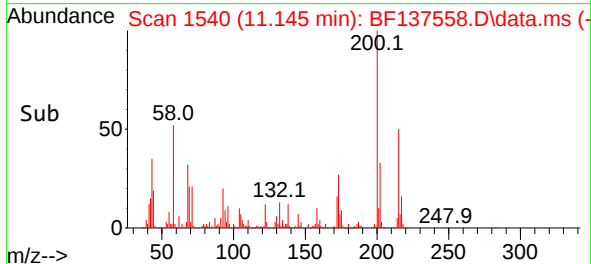
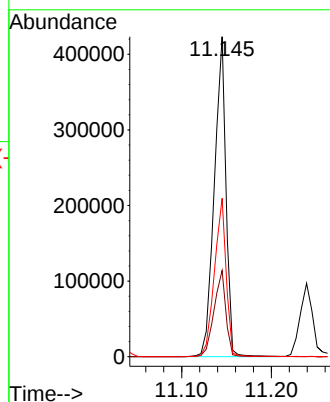
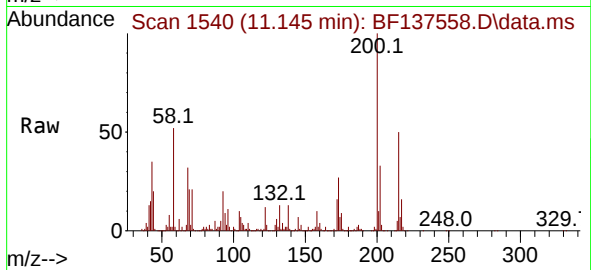
Tgt Ion:200 Resp: 382424
 Ion Ratio Lower Upper
 200 100
 173 26.9 5.1 45.1
 215 49.5 30.4 70.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#70

Pentachlorophenol

Concen: 90.718 ng

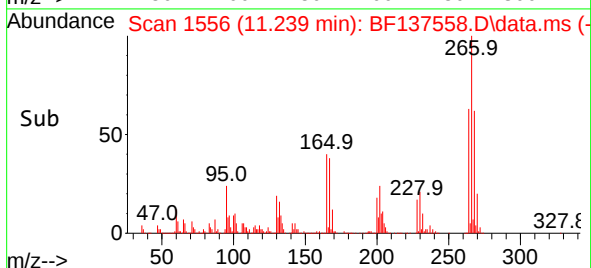
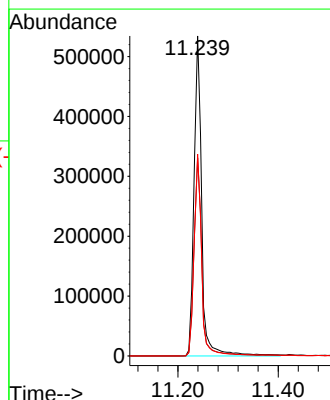
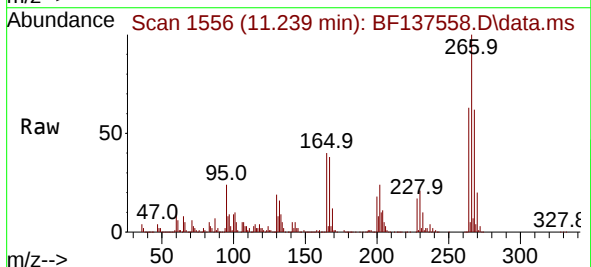
RT: 11.239 min Scan# 1556

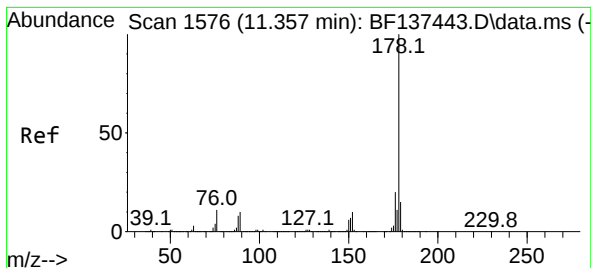
Delta R.T. 0.006 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Tgt Ion:266 Resp: 567852
 Ion Ratio Lower Upper
 266 100
 268 61.9 50.2 75.2
 264 63.1 50.9 76.3





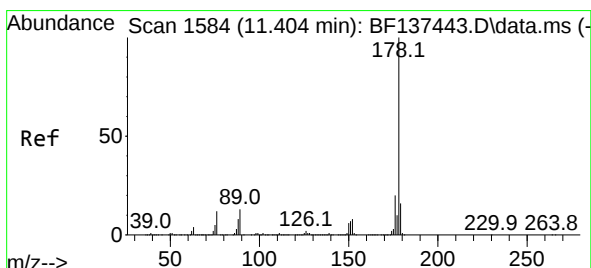
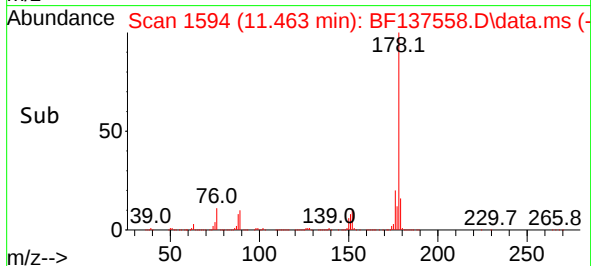
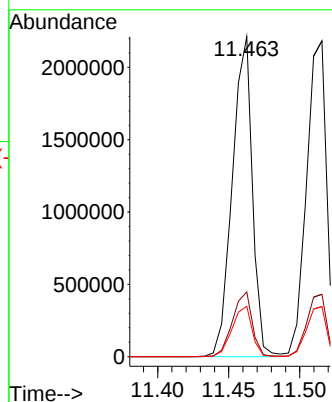
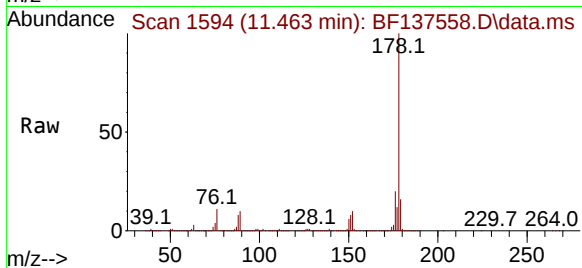
#71
Phenanthrene
Concen: 42.375 ng
RT: 11.463 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :
BNA_F
ClientSampleId :
PB159533BS

Tgt Ion:178 Resp: 2170658
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 15.8 12.2 18.2

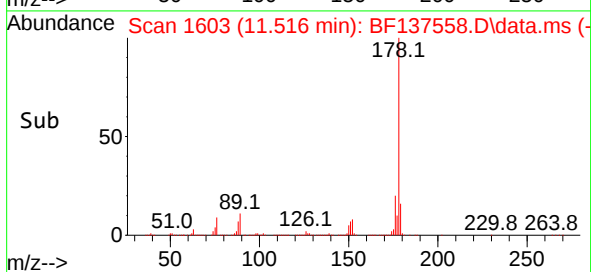
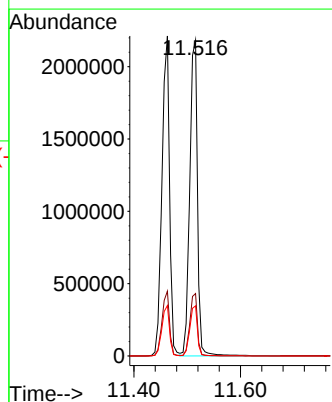
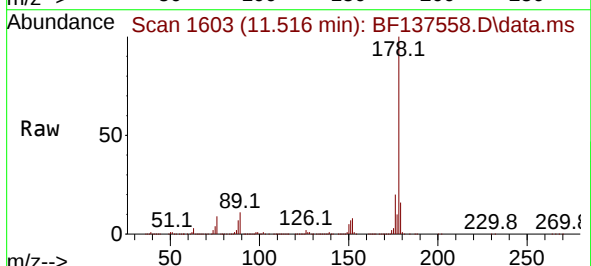
Manual Integrations
APPROVED

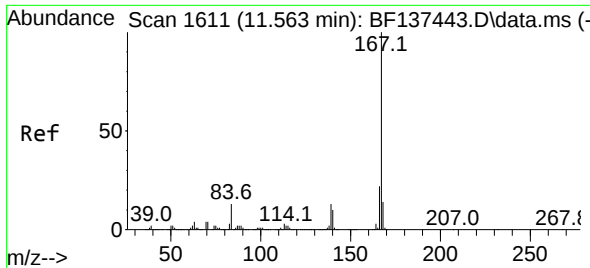
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#72
Anthracene
Concen: 41.851 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion:178 Resp: 2201814
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.8 12.7 19.1





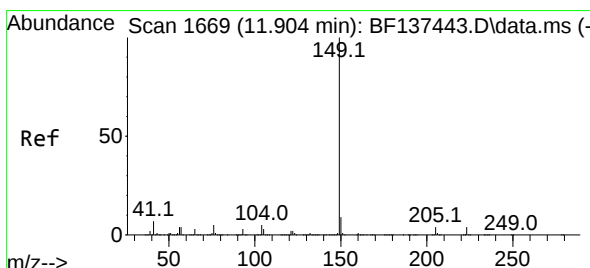
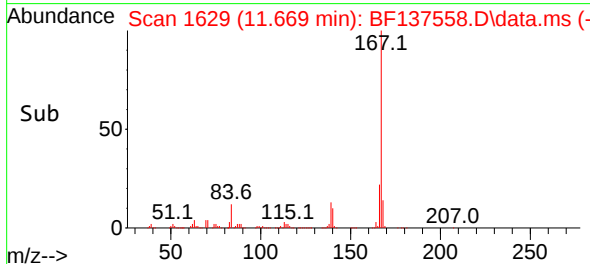
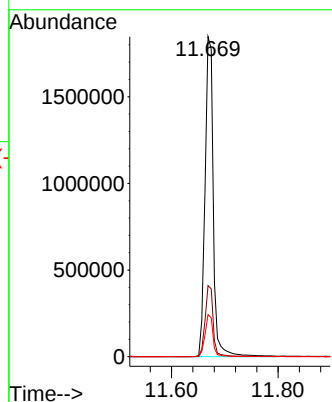
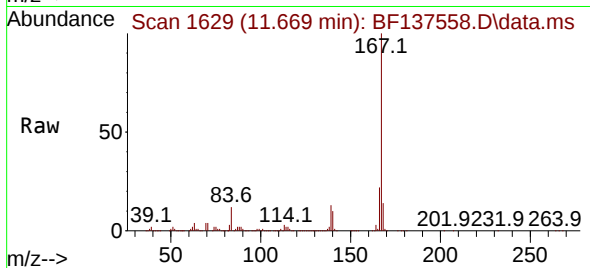
#73
 Carbazole
 Concen: 43.908 ng
 RT: 11.669 min Scan# 1629
 Delta R.T. -0.000 min
 Lab File: BF137558.D
 Acq: 11 Mar 2024 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB159533BS

Tgt Ion:167 Resp: 1978710
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 13.1 10.5 15.7

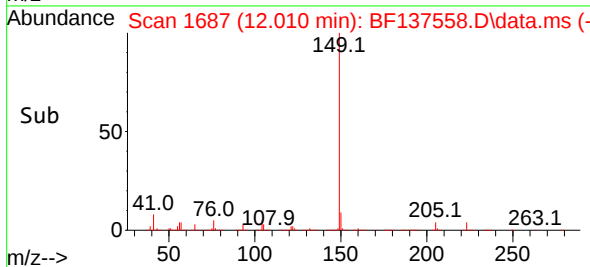
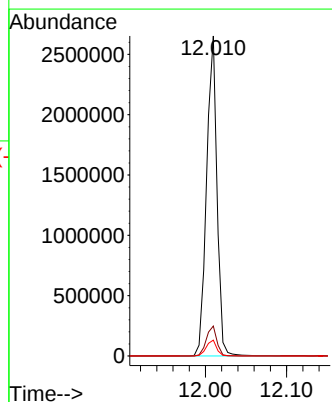
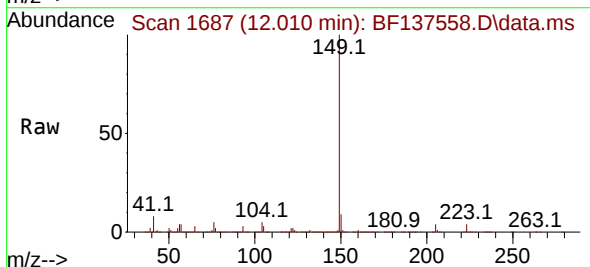
Manual Integrations
 APPROVED

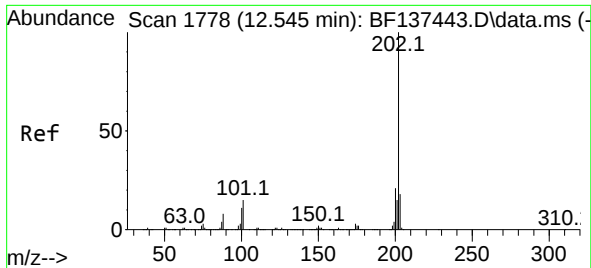
Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024



#74
 Di-n-butylphthalate
 Concen: 43.893 ng
 RT: 12.010 min Scan# 1687
 Delta R.T. 0.006 min
 Lab File: BF137558.D
 Acq: 11 Mar 2024 16:13

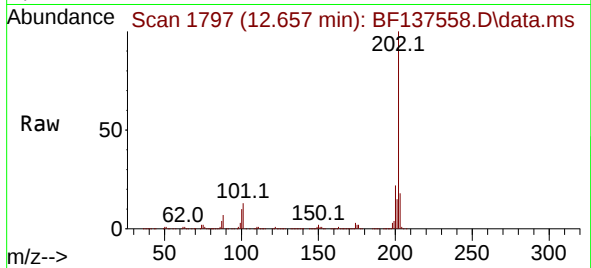
Tgt Ion:149 Resp: 2353410
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.0 3.8 5.6





#75
Fluoranthene
Concen: 43.836 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

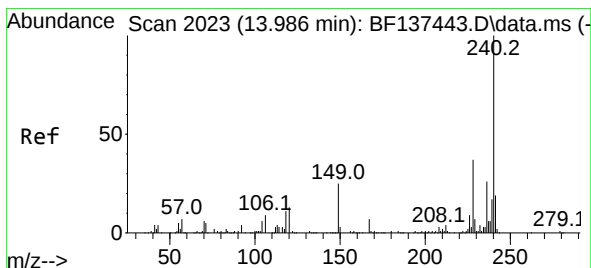
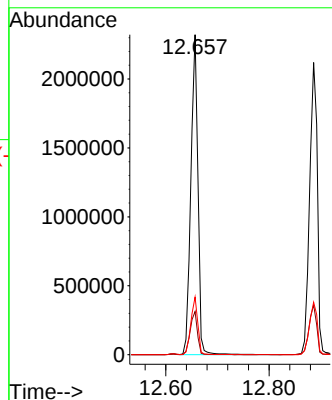
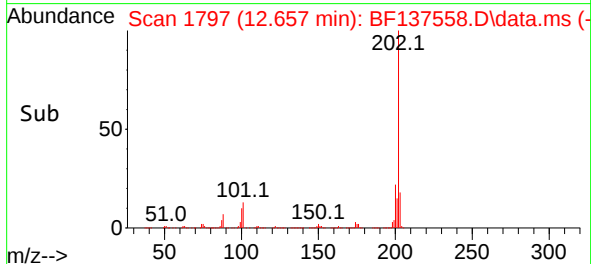
Instrument :
BNA_F
ClientSampleId :
PB159533BS



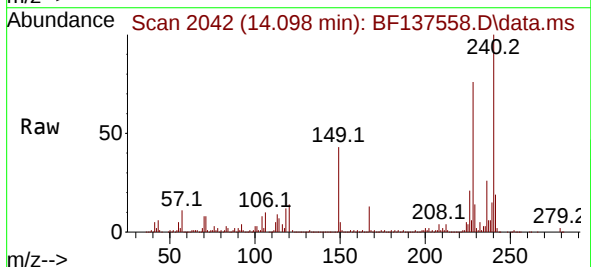
Tgt Ion:202 Resp: 219492
Ion Ratio Lower Upper
202 100
101 13.5 0.0 35.0
203 18.0 0.0 37.7

Manual Integrations
APPROVED

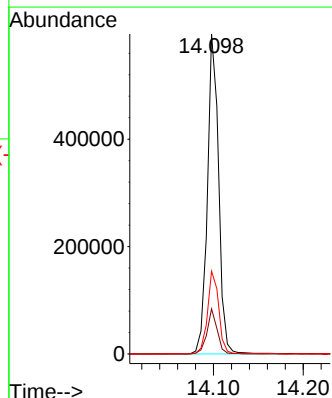
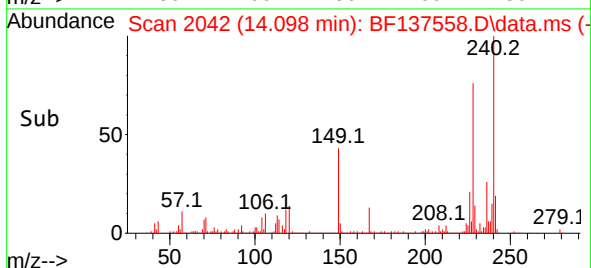
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

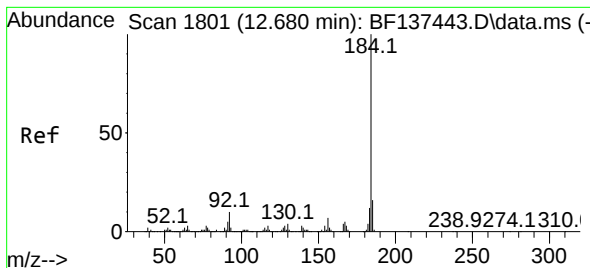


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13



Tgt Ion:240 Resp: 517827
Ion Ratio Lower Upper
240 100
120 14.1 10.4 15.6
236 25.9 20.9 31.3





#77

Benzidine

Concen: 16.510 ng

RT: 12.786 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS

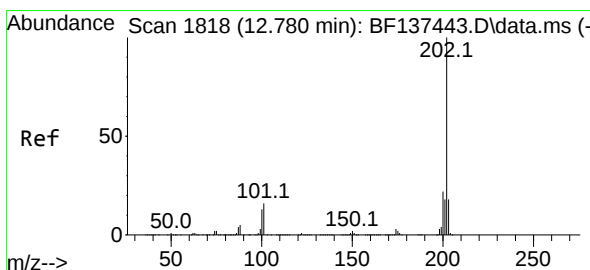
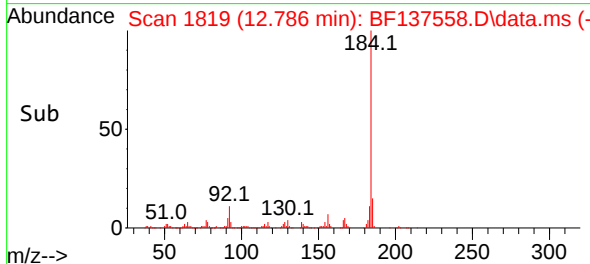
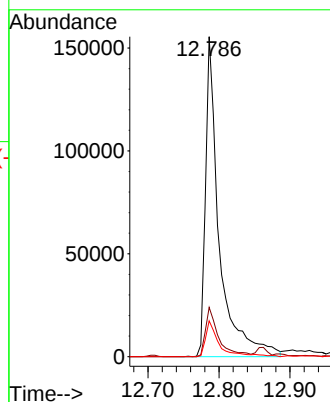
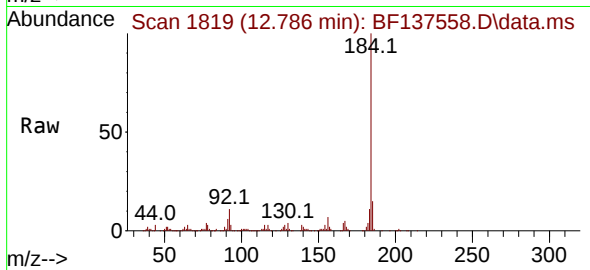
Tgt Ion:184	Resp: 209220
Ion Ratio	Lower Upper
184	100
185	15.4 13.2 19.8
183	11.2 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#78

Pyrene

Concen: 43.327 ng

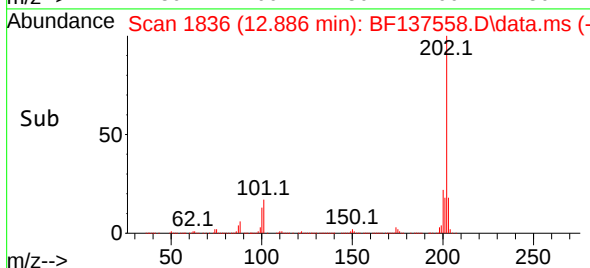
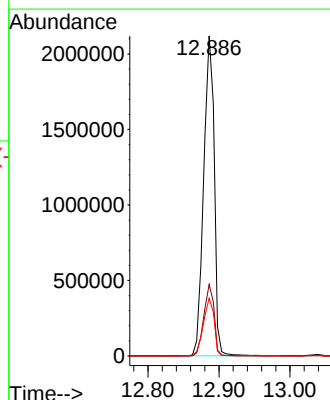
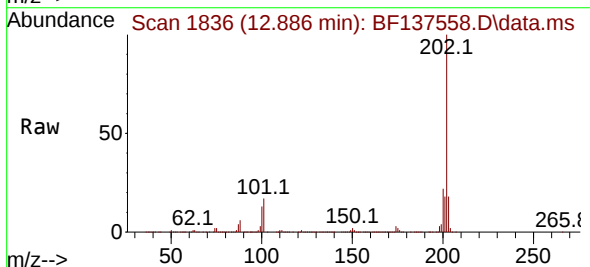
RT: 12.886 min Scan# 1836

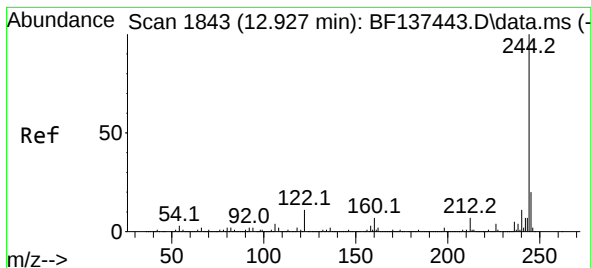
Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Tgt Ion:202	Resp: 2201450
Ion Ratio	Lower Upper
202	100
200	22.4 17.4 26.2
203	18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 84.463 ng

RT: 13.039 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137558.D

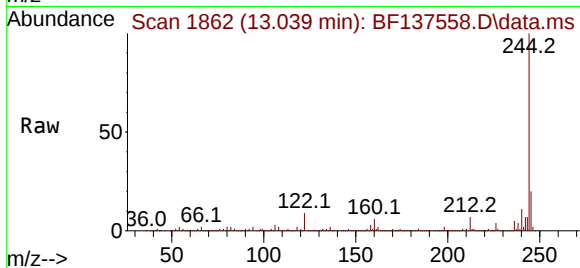
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS



Tgt Ion:244 Resp: 318063

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

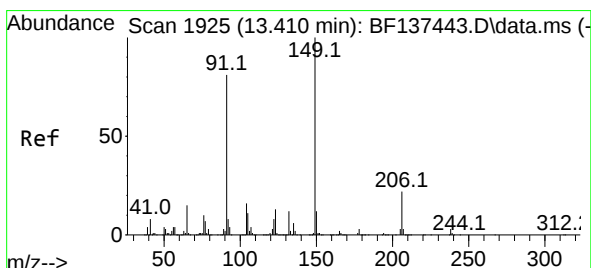
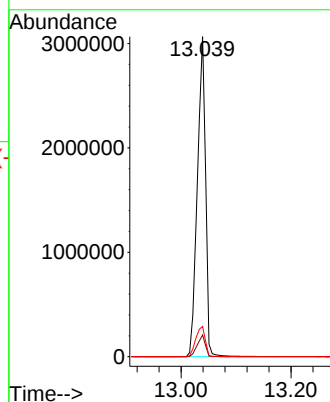
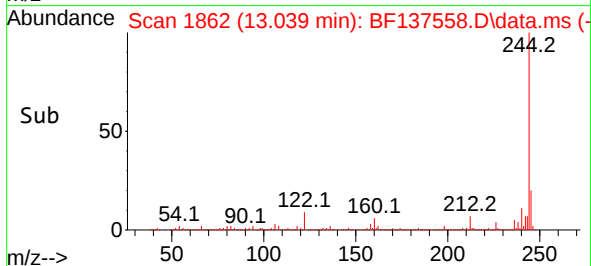
122 9.5 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#80

Butylbenzylphthalate

Concen: 58.903 ng

RT: 13.521 min Scan# 1944

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

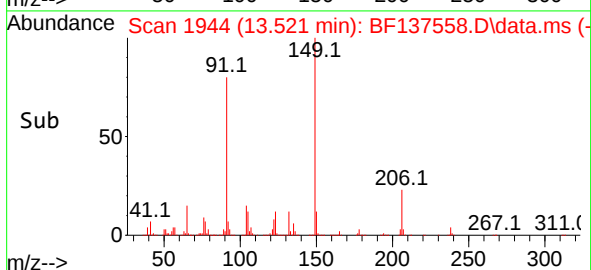
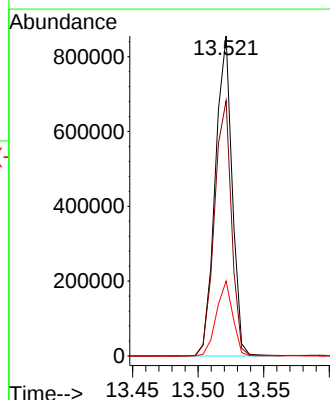
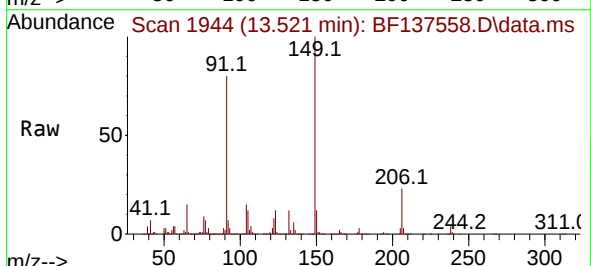
Tgt Ion:149 Resp: 764344

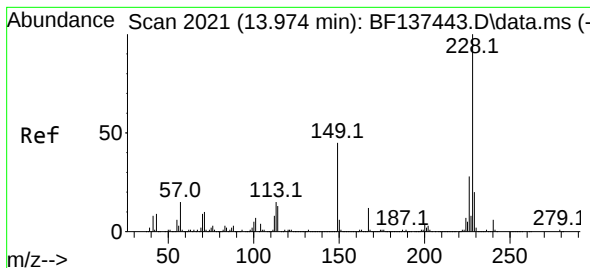
Ion Ratio Lower Upper

149 100

91 79.8 64.7 97.1

206 23.4 17.5 26.3





#81

Benzo(a)anthracene

Concen: 44.194 ng

RT: 14.086 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS

Tgt Ion:228 Resp: 1603980

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

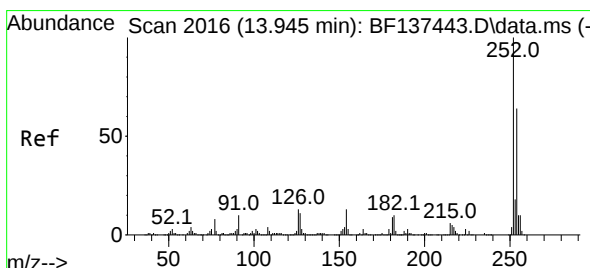
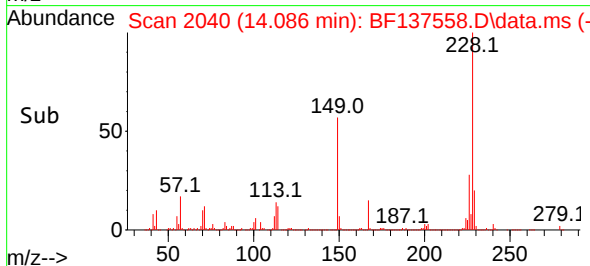
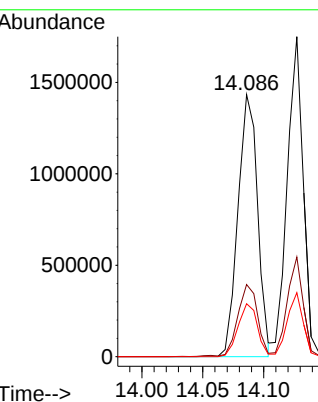
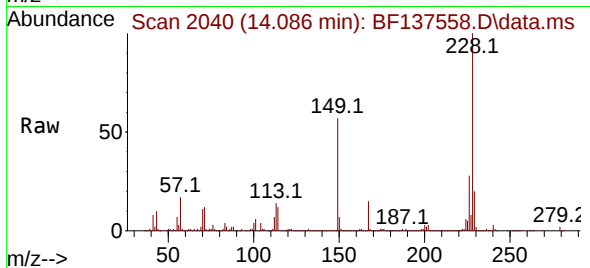
229 20.2 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#82

3,3'-Dichlorobenzidine

Concen: 40.480 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

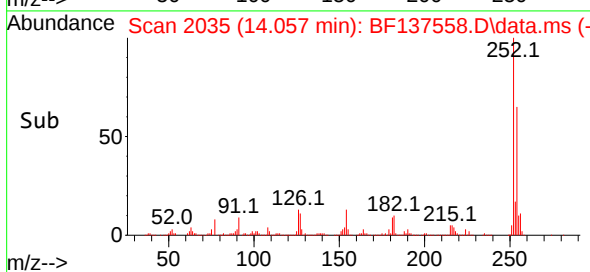
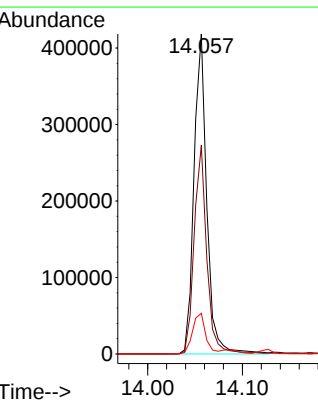
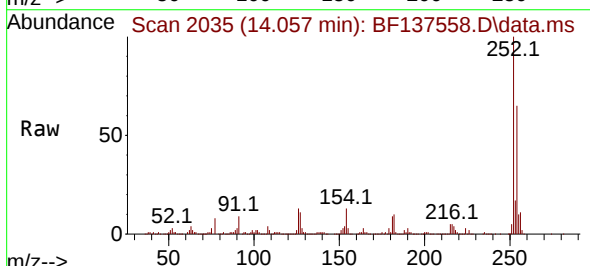
Tgt Ion:252 Resp: 391243

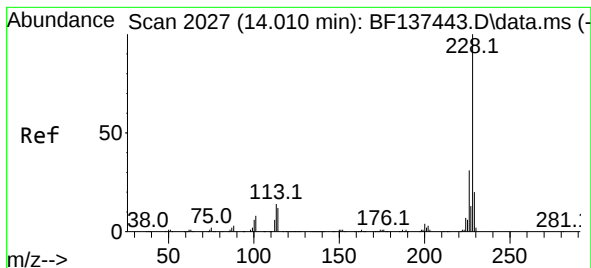
Ion Ratio Lower Upper

252 100

254 65.2 51.4 77.2

126 12.7 10.4 15.6





#83

Chrysene

Concen: 44.462 ng

RT: 14.127 min Scan# 2047

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS

Tgt Ion:228 Resp: 163095

Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

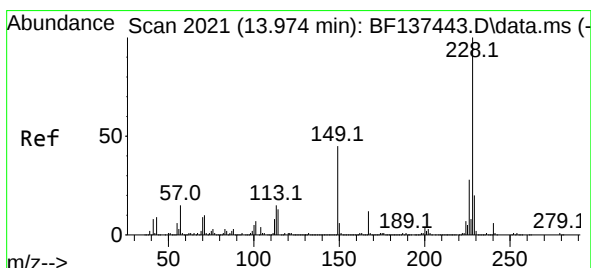
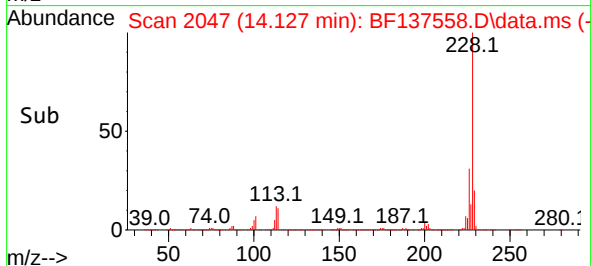
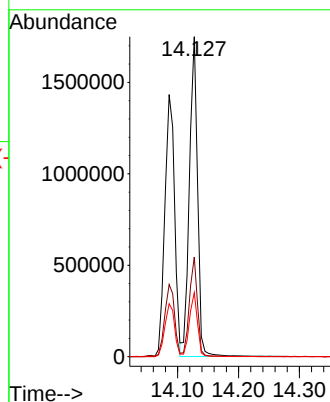
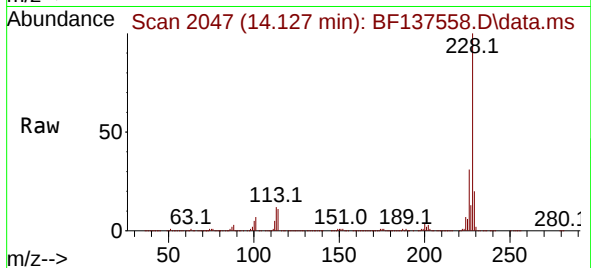
229 20.0 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.600 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

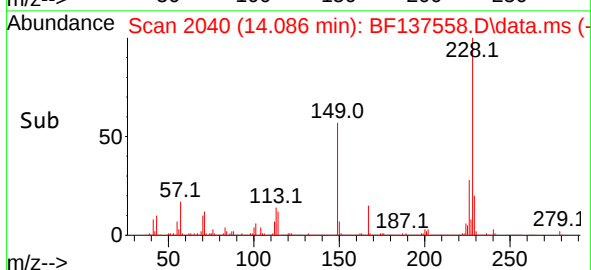
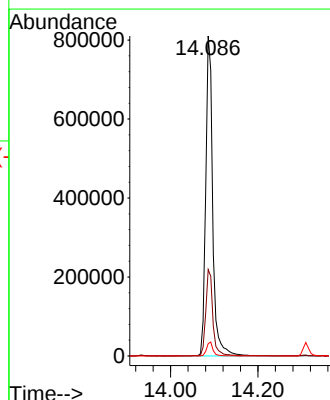
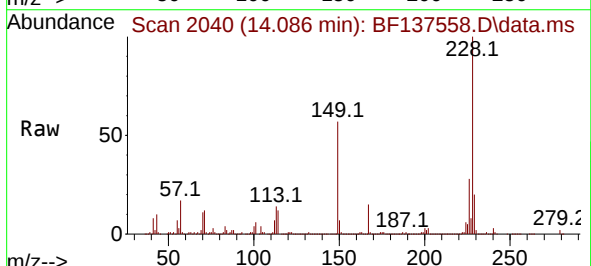
Tgt Ion:149 Resp: 900532

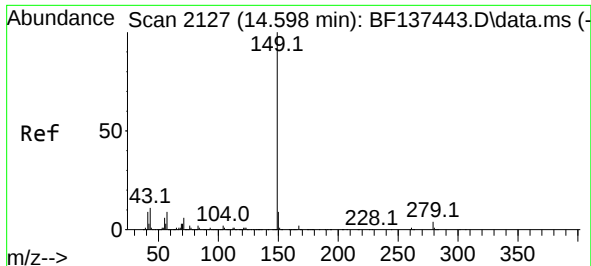
Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

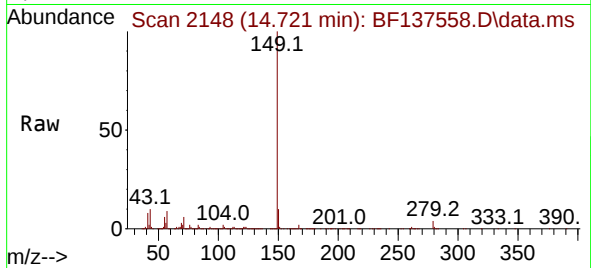
279 3.8 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 48.573 ng
RT: 14.721 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

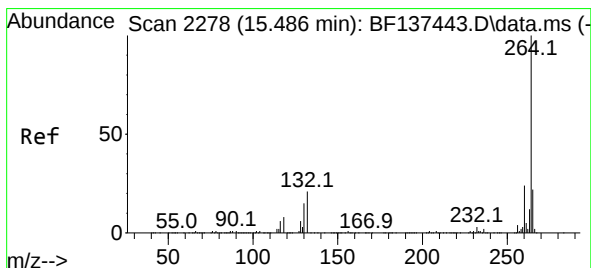
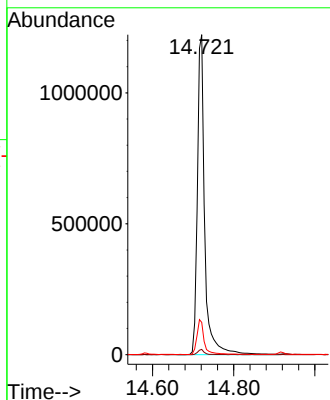
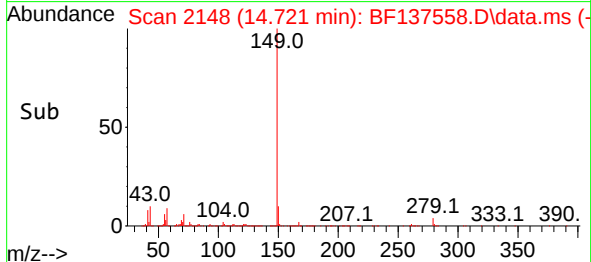
Instrument :
BNA_F
ClientSampleId :
PB159533BS



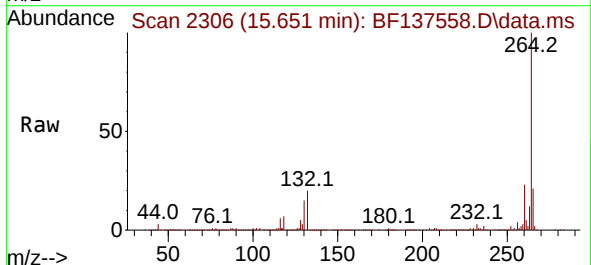
Tgt Ion:149 Resp: 154640
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 9.6 14.4

Manual Integrations
APPROVED

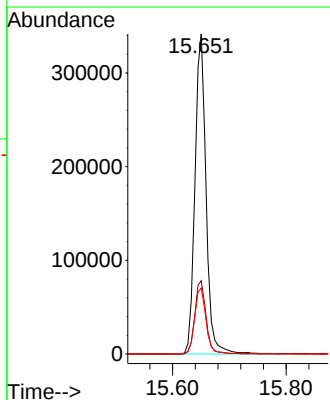
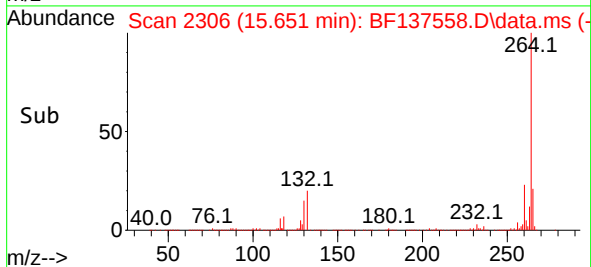
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

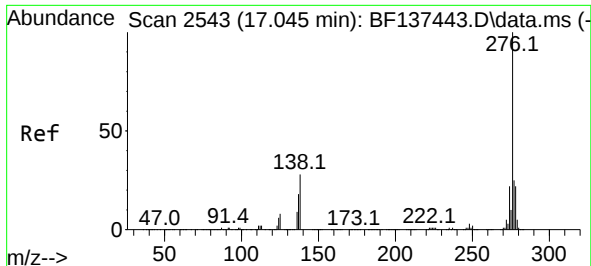


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2306
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13



Tgt Ion:264 Resp: 465573
Ion Ratio Lower Upper
264 100
260 22.9 19.3 28.9
265 20.7 17.4 26.0





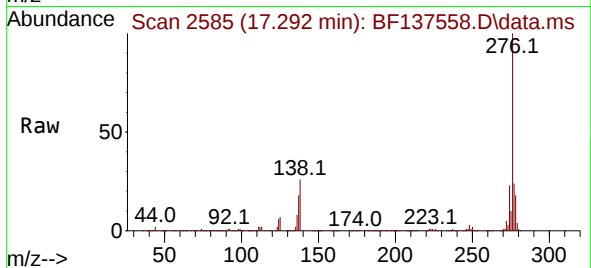
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.841 ng
RT: 17.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS



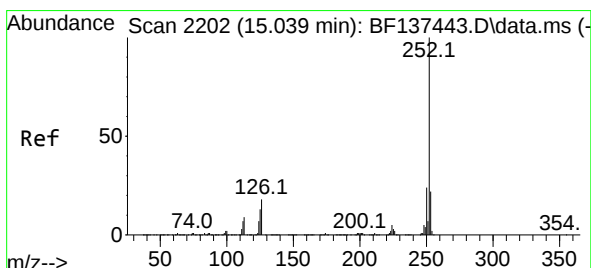
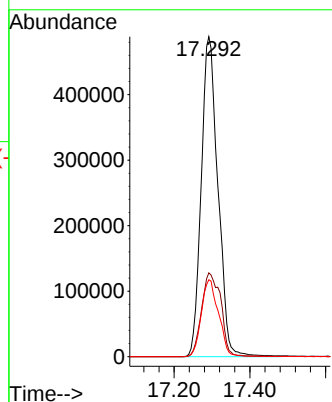
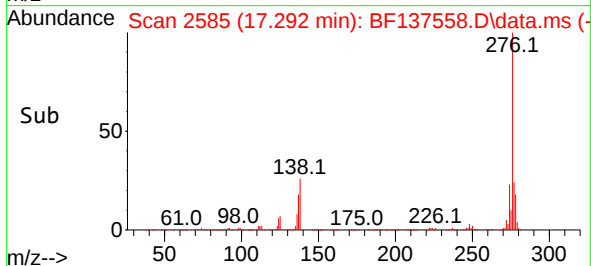
Tgt Ion:276 Resp: 1496400
Ion Ratio Lower Upper
276 100
138 30.1 25.8 38.8
277 24.8 20.2 30.2

Manual Integrations

APPROVED

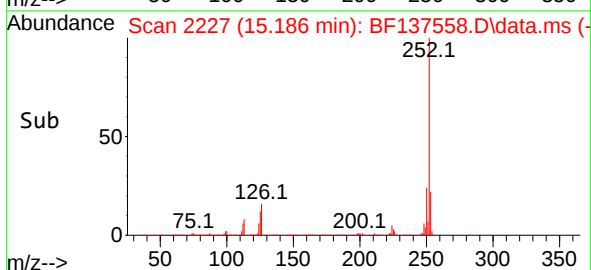
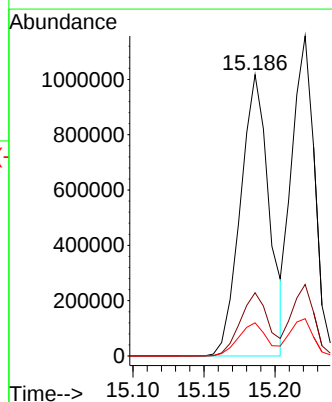
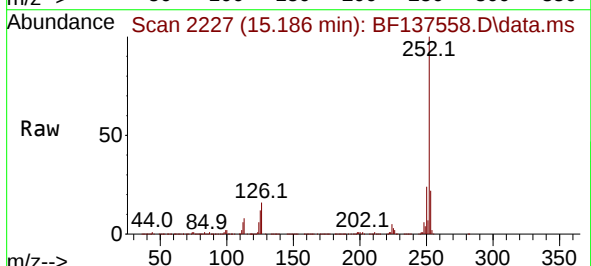
Reviewed By :Yogesh Patel 03/12/2024

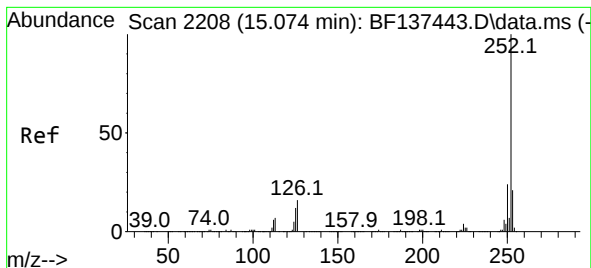
Supervised By :mohammad ahmed 03/12/2024



#88
Benzo(b)fluoranthene
Concen: 52.001 ng
RT: 15.186 min Scan# 2227
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion:252 Resp: 1432143
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.8 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 44.401 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

PB159533BS

Tgt Ion:252 Resp: 131342

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

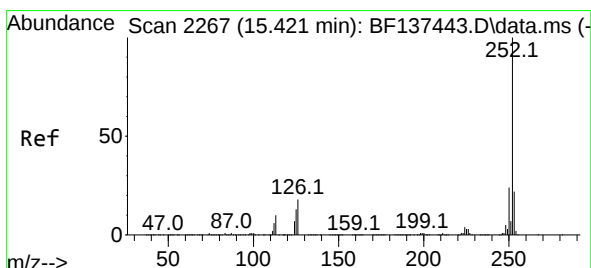
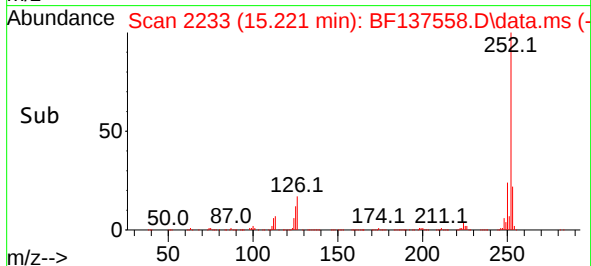
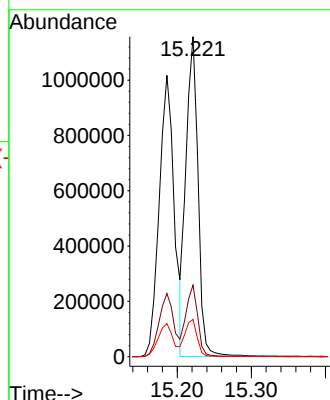
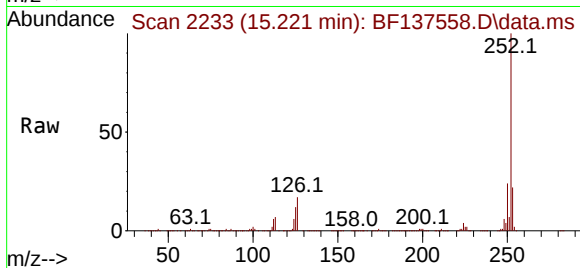
125 11.6 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#90

Benzo(a)pyrene

Concen: 46.631 ng

RT: 15.586 min Scan# 2295

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

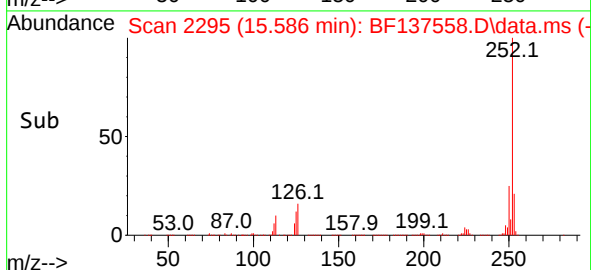
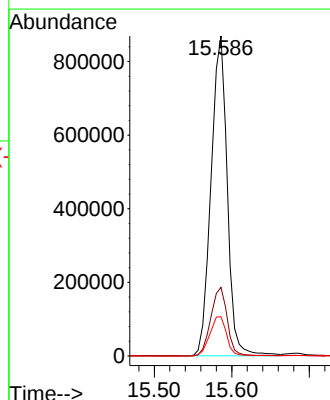
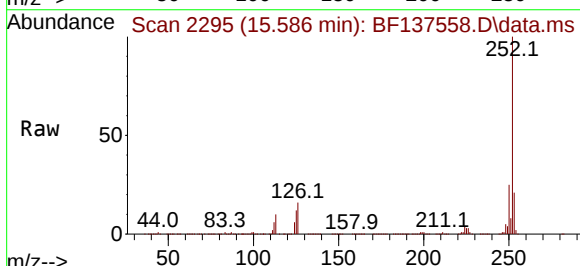
Tgt Ion:252 Resp: 1265544

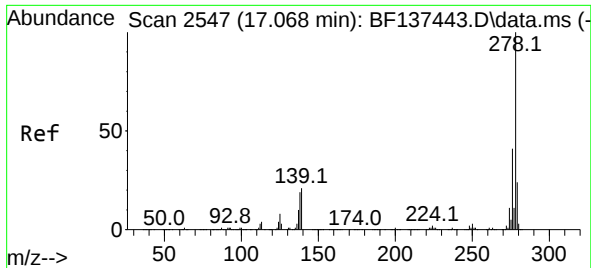
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 12.3 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 48.740 ng
RT: 17.321 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Instrument :

BNA_F

ClientSampleId :

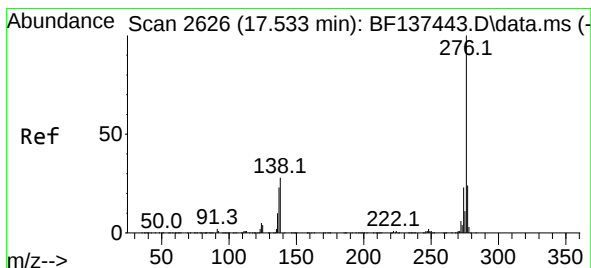
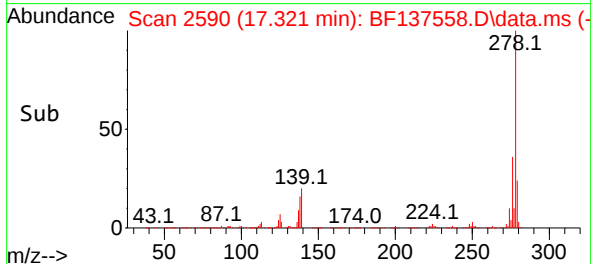
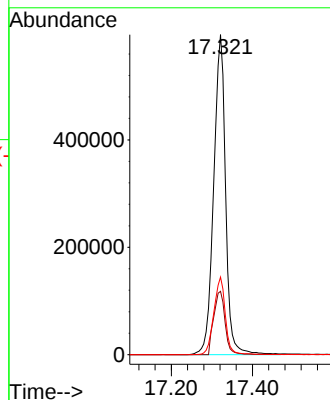
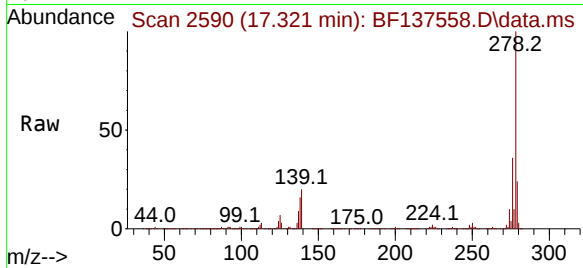
PB159533BS

Tgt Ion:278 Resp: 1211379
Ion Ratio Lower Upper
278 100
139 19.8 17.0 25.6
279 24.3 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#92
Benzo(g,h,i)perylene
Concen: 47.020 ng
RT: 17.792 min Scan# 2670
Delta R.T. -0.000 min
Lab File: BF137558.D
Acq: 11 Mar 2024 16:13

Tgt Ion:276 Resp: 1200167
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 27.4 22.2 33.2

