

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137661.D
 Acq On : 21 Mar 2024 15:21
 Operator : CG\JU
 Sample : PB159709BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159709BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 21 15:41:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	197121	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	774609	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	401368	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	672185	20.000	ng	0.00
76) Chrysene-d12	13.880	240	377607	20.000	ng	0.00
86) Perylene-d12	15.298	264	359324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1580937	121.468	ng	0.02
7) Phenol-d6	6.375	99	2114293	112.539	ng	0.00
23) Nitrobenzene-d5	7.298	82	1364093	81.824	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	513185	145.597	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2201149	85.846	ng	0.00
79) Terphenyl-d14	12.833	244	2207542	80.391	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	247086	34.720	ng	96
3) Pyridine	3.193	79	533901	31.107	ng	98
4) n-Nitrosodimethylamine	3.157	42	267211	39.192	ng	93
6) Aniline	6.392	93	504384	21.972	ng	# 50
8) 2-Chlorophenol	6.510	128	623543	45.422	ng	96
10) Phenol	6.387	94	803492	39.735	ng	91
11) bis(2-Chloroethyl)ether	6.469	93	649141	43.808	ng	98
12) 1,3-Dichlorobenzene	6.669	146	648328	44.197	ng	95
13) 1,4-Dichlorobenzene	6.745	146	668423	44.535	ng	98
14) 1,2-Dichlorobenzene	6.892	146	617767	44.844	ng	99
15) Benzyl Alcohol	6.881	79	556506	47.581	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	962561	37.790	ng	89
17) 2-Methylphenol	6.992	107	512836	39.924	ng	98
18) Hexachloroethane	7.234	117	228315	46.199	ng	96
19) n-Nitroso-di-n-propyla...	7.151	70	452160	38.975	ng	97
20) 3+4-Methylphenols	7.145	107	579737	39.407	ng	97
22) Acetophenone	7.140	105	848504	45.273	ng	# 95
24) Nitrobenzene	7.316	77	704615	42.074	ng	98
25) Isophorone	7.551	82	1324744	41.827	ng	99
26) 2-Nitrophenol	7.628	139	320246	48.166	ng	99
27) 2,4-Dimethylphenol	7.669	122	481594	38.765	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	796298	42.851	ng	98
29) 2,4-Dichlorophenol	7.875	162	511750	44.882	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	542832	45.241	ng	99
31) Naphthalene	8.034	128	1723120	41.460	ng	99
32) Benzoic acid	7.828	122	272659	39.408	ng	99
33) 4-Chloroaniline	8.086	127	174146	10.686	ng	98
34) Hexachlorobutadiene	8.145	225	322204	45.485	ng	98
35) Caprolactam	8.469	113	175261m	45.331	ng	
36) 4-Chloro-3-methylphenol	8.581	107	552153	43.323	ng	97
37) 2-Methylnaphthalene	8.722	142	1050230	39.639	ng	98
38) 1-Methylnaphthalene	8.822	142	1021319	40.933	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	554219	49.461	ng	100
41) Hexachlorocyclopentadiene	8.875	237	397272	86.169	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	343177	47.031	ng	99
44) 2,4,5-Trichlorophenol	9.057	196	358903	42.698	ng	98

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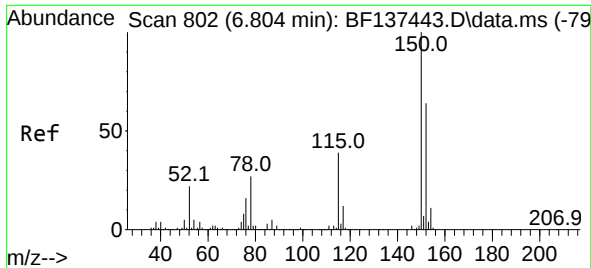
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.186	154	1353136	46.062	ng	99
47) 2-Chloronaphthalene	9.216	162	1047937	46.789	ng	98
48) 2-Nitroaniline	9.316	65	347669	45.670	ng	99
49) Acenaphthylene	9.628	152	1609877	44.914	ng	99
50) Dimethylphthalate	9.498	163	1264391	45.254	ng	99
51) 2,6-Dinitrotoluene	9.557	165	278037	47.577	ng	93
52) Acenaphthene	9.798	154	912440	42.640	ng	99
53) 3-Nitroaniline	9.728	138	135867	21.980	ng	93
54) 2,4-Dinitrophenol	9.839	184	249926	86.893	ng	93
55) Dibenzofuran	9.969	168	1353253	41.521	ng	97
56) 4-Nitrophenol	9.898	139	346851	78.935	ng	97
57) 2,4-Dinitrotoluene	9.963	165	326837	45.523	ng	92
58) Fluorene	10.310	166	1062017	42.430	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	307153	45.568	ng	96
60) Diethylphthalate	10.192	149	1168394	44.284	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	522506	42.594	ng	98
62) 4-Nitroaniline	10.345	138	216386	40.730	ng	96
63) Azobenzene	10.463	77	1216933	40.055	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	183053	48.861	ng	87
66) n-Nitrosodiphenylamine	10.428	169	950636	43.919	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	337109	46.045	ng	100
68) Hexachlorobenzene	10.857	284	371989	50.305	ng	# 89
69) Atrazine	10.957	200	310984	47.261	ng	98
70) Pentachlorophenol	11.057	266	374479	83.773	ng	99
71) Phenanthrene	11.275	178	1544429	42.219	ng	99
72) Anthracene	11.322	178	1581785	42.101	ng	99
73) Carbazole	11.480	167	1374929	42.723	ng	99
74) Di-n-butylphthalate	11.810	149	1697772	44.340	ng	99
75) Fluoranthene	12.457	202	1465937	40.996	ng	97
77) Benzidine	12.586	184	172231	18.638	ng	99
78) Pyrene	12.686	202	1482736	40.018	ng	99
80) Butylbenzylphthalate	13.304	149	551297	58.261	ng	100
81) Benzo(a)anthracene	13.868	228	1114020	42.092	ng	98
82) 3,3'-Dichlorobenzidine	13.833	252	239710	34.011	ng	99
83) Chrysene	13.910	228	1119419	41.849	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	708606	58.917	ng	98
85) Di-n-octyl phthalate	14.474	149	1196854	51.210	ng	96
87) Indeno(1,2,3-cd)pyrene	16.698	276	1041146	44.031	ng	96
88) Benzo(b)fluoranthene	14.898	252	1023362	48.146	ng	98
89) Benzo(k)fluoranthene	14.927	252	972518	42.598	ng	98
90) Benzo(a)pyrene	15.245	252	893659	42.665	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	841948	43.893	ng	98
92) Benzo(g,h,i)perylene	17.115	276	854497	43.377	ng	96

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



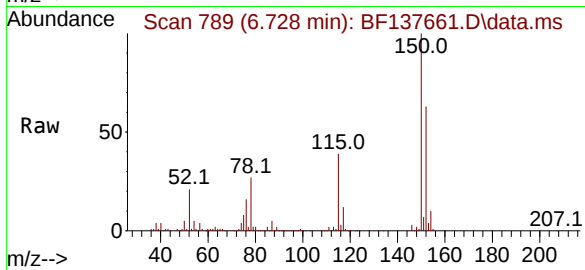
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

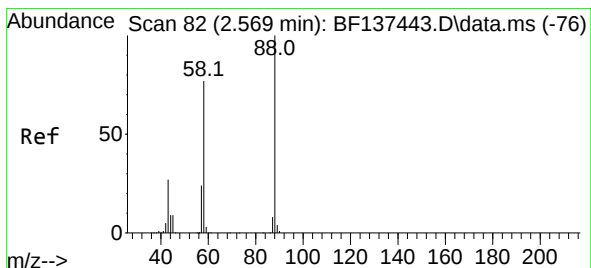
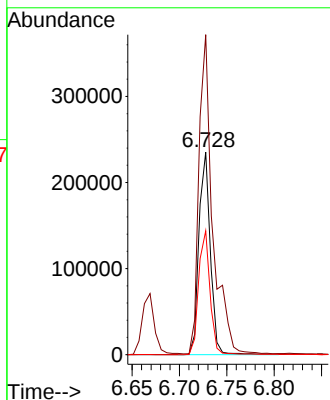
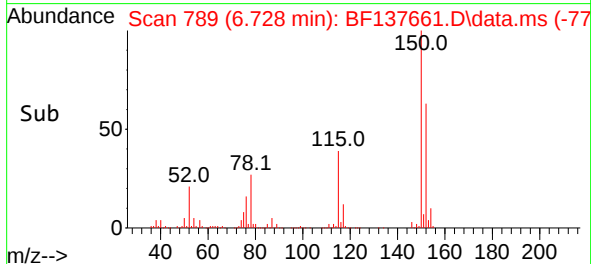


Tgt Ion:152 Resp: 19712
Ion Ratio Lower Upper
152 100
150 157.9 125.8 188.6
115 61.1 48.8 73.2

Manual Integrations

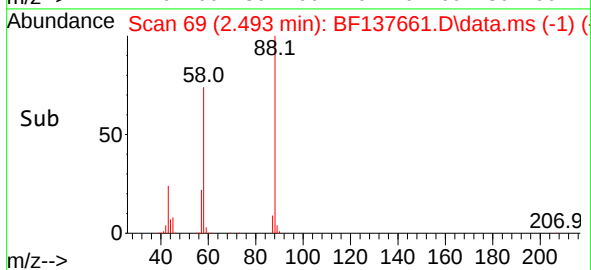
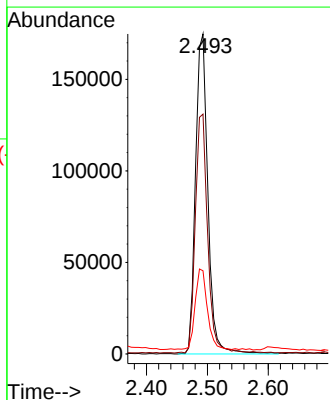
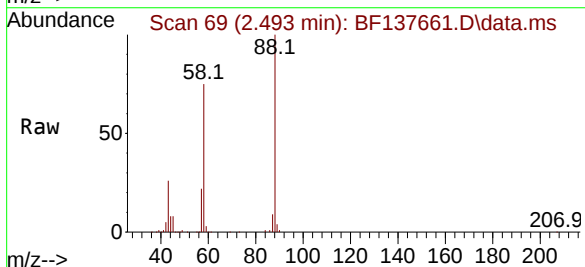
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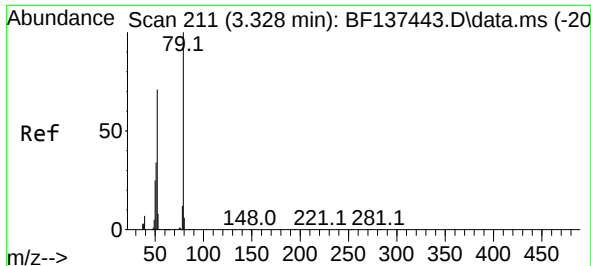
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#2
1,4-Dioxane
Concen: 34.720 ng
RT: 2.493 min Scan# 69
Delta R.T. 0.123 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion: 88 Resp: 247086
Ion Ratio Lower Upper
88 100
58 74.2 61.8 92.8
43 24.6 22.2 33.4





#3
Pyridine
Concen: 31.107 ng
RT: 3.193 min Scan# 188
Delta R.T. 0.123 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

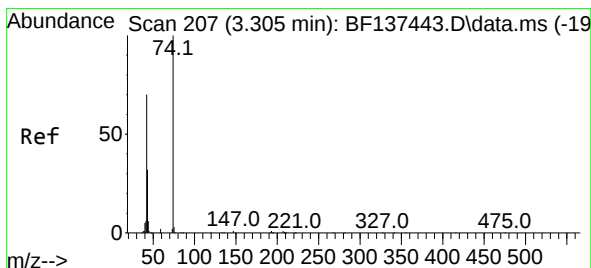
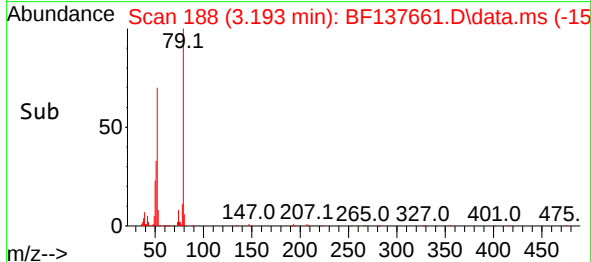
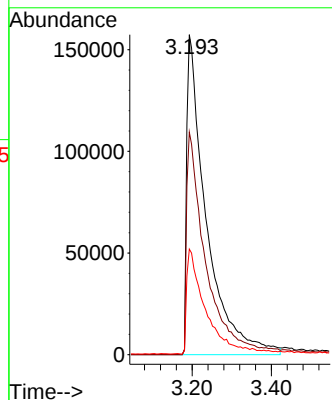
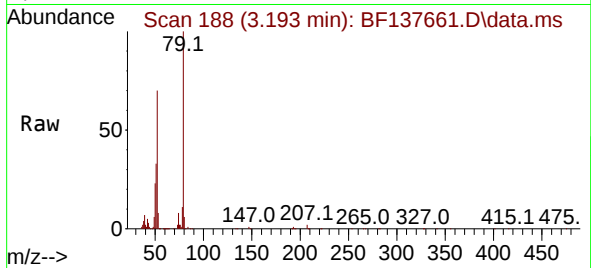
ClientSampleId :

PB159709BS

Tgt Ion: 79 Resp: 53390
Ion Ratio Lower Upper
79 100
52 69.5 57.0 85.4
51 33.0 27.5 41.3

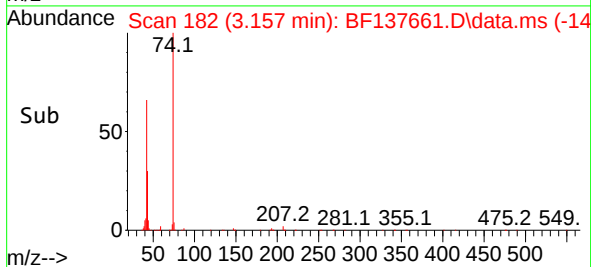
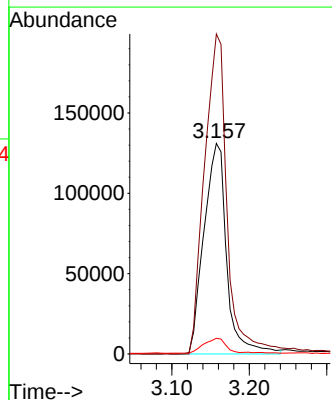
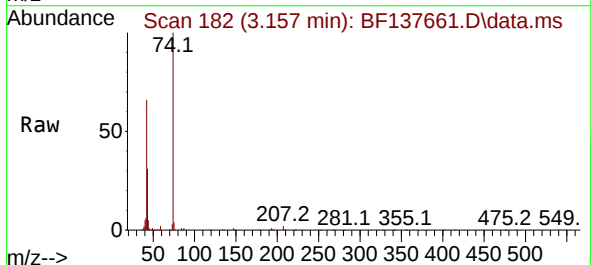
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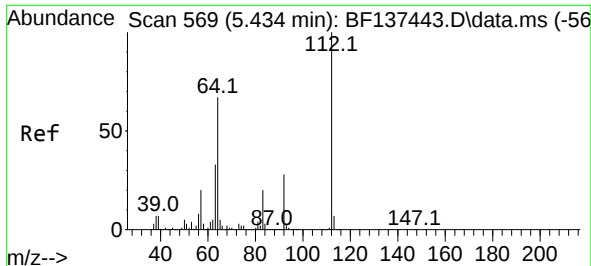
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#4
n-Nitrosodimethylamine
Concen: 39.192 ng
RT: 3.157 min Scan# 182
Delta R.T. 0.118 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion: 42 Resp: 267211
Ion Ratio Lower Upper
42 100
74 152.0 114.0 171.0
44 7.5 7.0 10.4





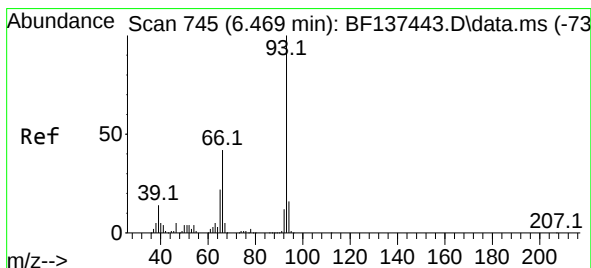
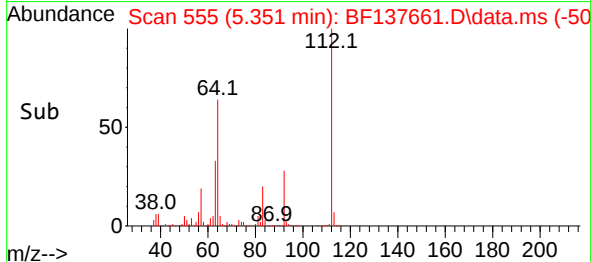
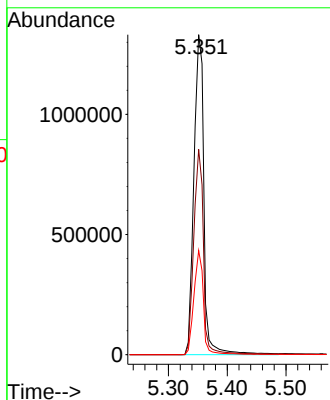
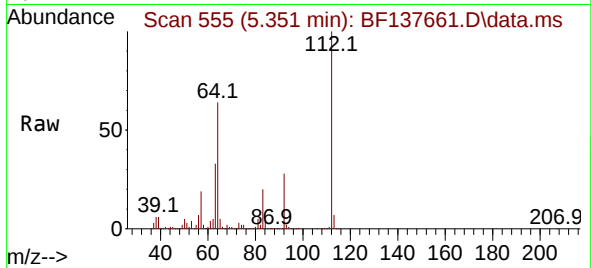
#5
2-Fluorophenol
Concen: 121.468 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :
BNA_F
ClientSampleId :
PB159709BS

Tgt Ion:112 Resp: 158093
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 32.5 26.2 39.2

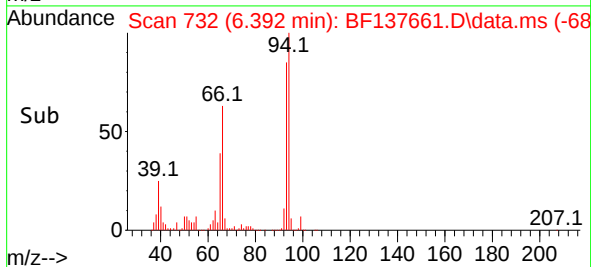
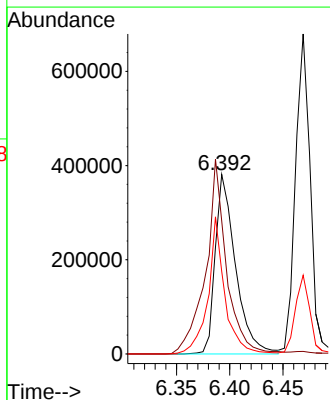
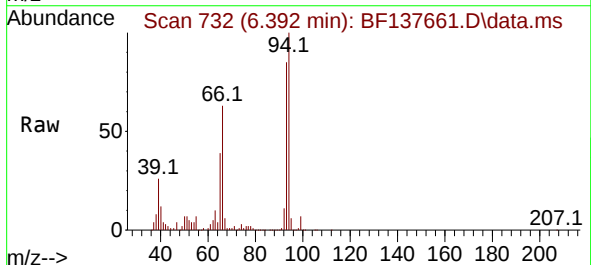
Manual Integrations
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#6
Aniline
Concen: 21.972 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

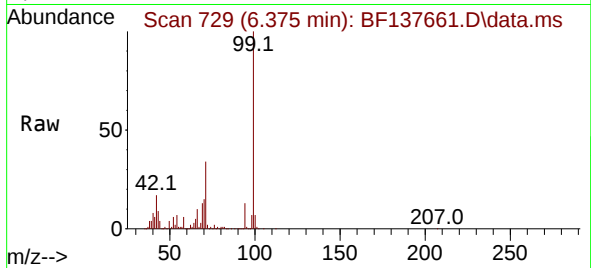
Tgt Ion: 93 Resp: 504384
Ion Ratio Lower Upper
93 100
66 74.1 34.0 51.0#
65 46.0 17.8 26.8#





#7
Phenol-d6
Concen: 112.539 ng
RT: 6.375 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

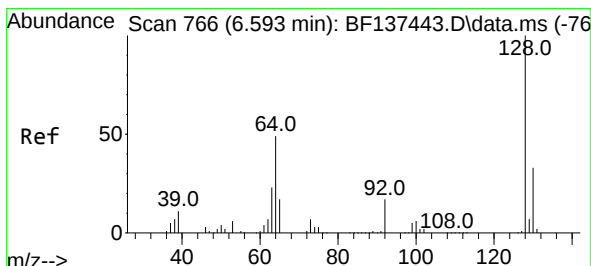
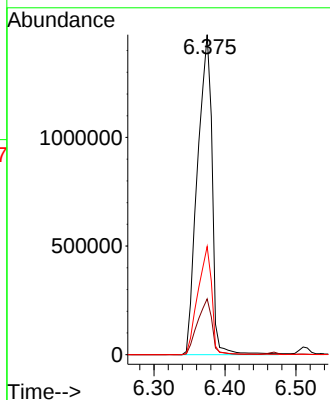
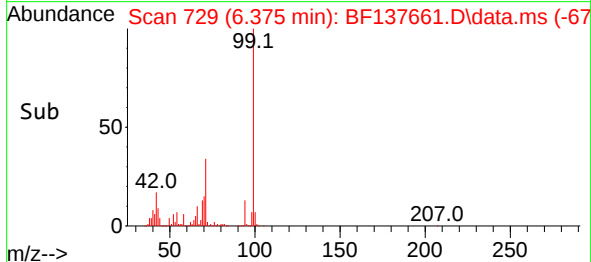
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 211429
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 33.8 25.3 37.9

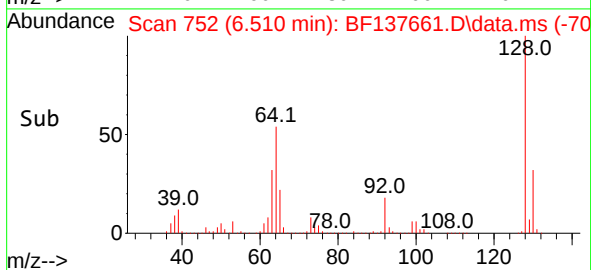
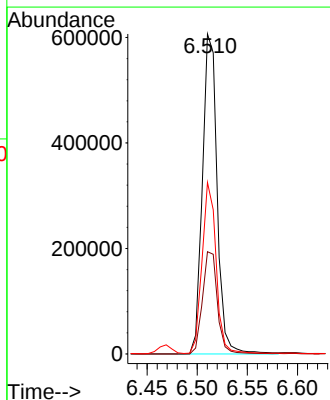
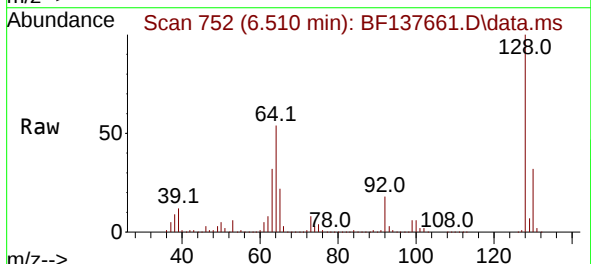
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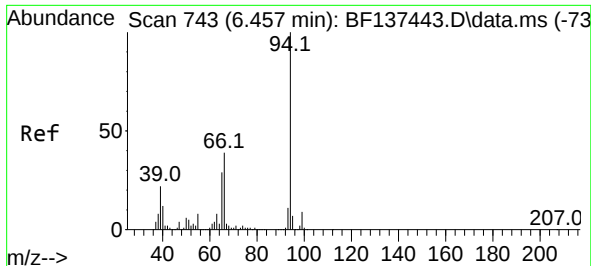
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#8
2-Chlorophenol
Concen: 45.422 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion:128 Resp: 623543
Ion Ratio Lower Upper
128 100
130 31.9 13.4 53.4
64 53.6 30.0 70.0





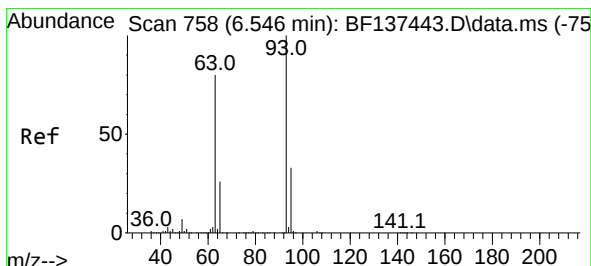
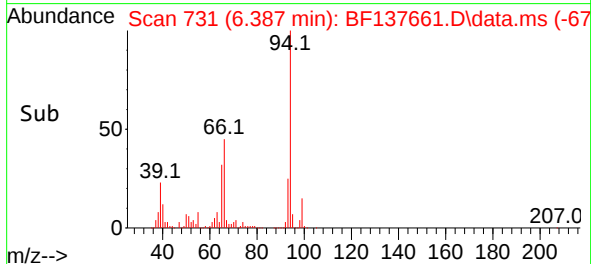
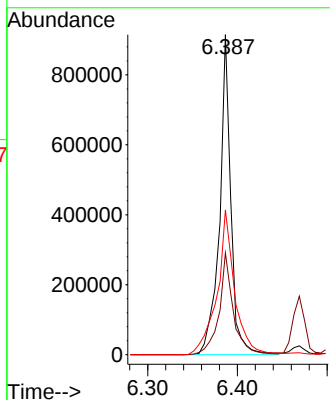
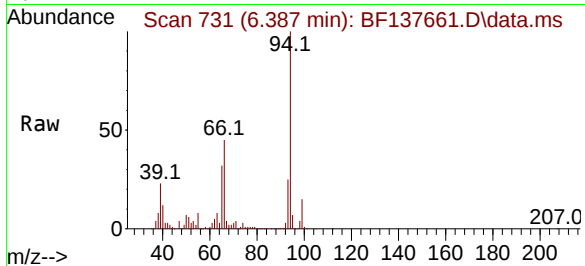
#10
Phenol
Concen: 39.735 ng
RT: 6.387 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :
BNA_F
ClientSampleId :
PB159709BS

Tgt Ion: 94 Resp: 803492
Ion Ratio Lower Upper
94 100
65 31.8 8.7 48.7
66 45.2 18.6 58.6

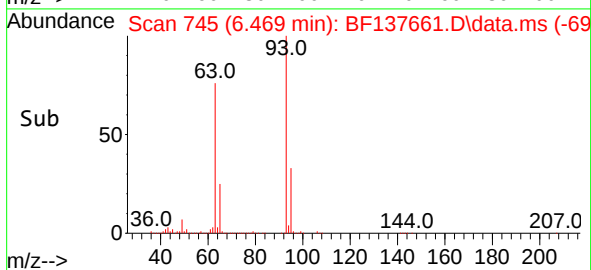
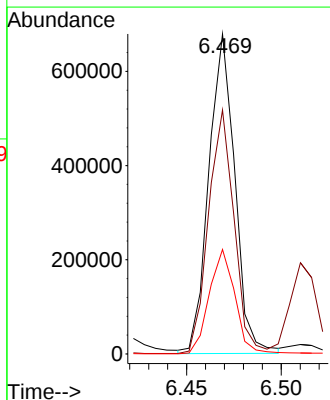
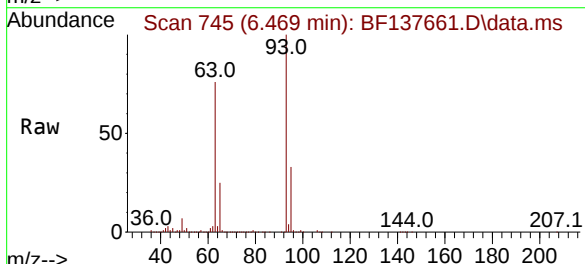
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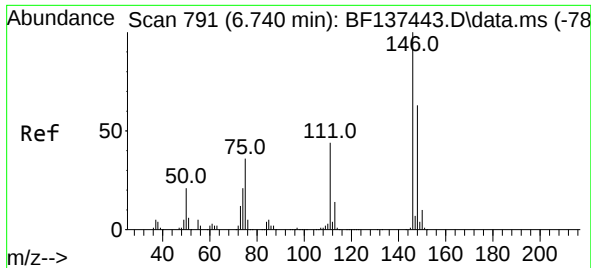
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#11
bis(2-Chloroethyl)ether
Concen: 43.808 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion: 93 Resp: 649141
Ion Ratio Lower Upper
93 100
63 76.3 58.9 98.9
95 32.7 12.2 52.2





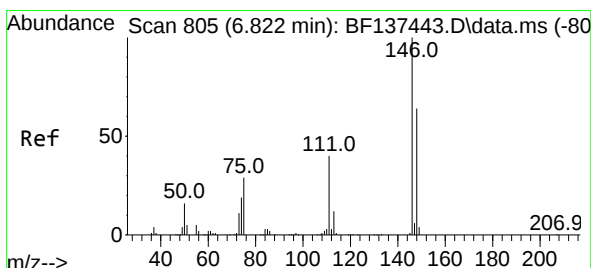
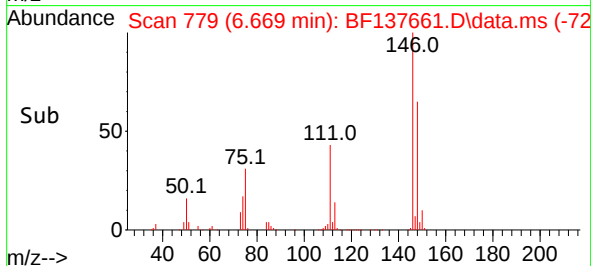
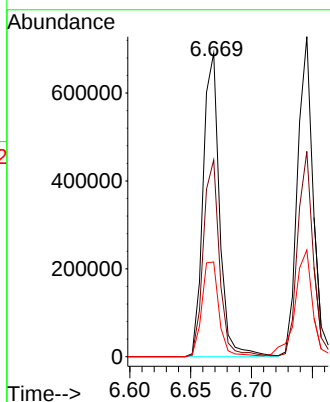
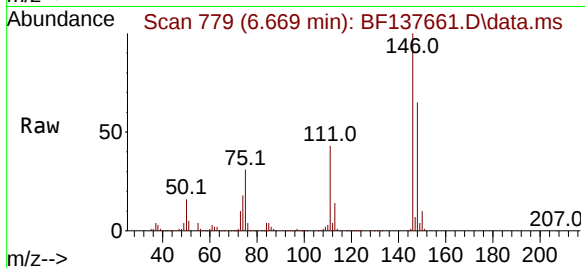
#12
1,3-Dichlorobenzene
Concen: 44.197 ng
RT: 6.669 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :
BNA_F
ClientSampleId :
PB159709BS

Tgt Ion:146 Resp: 648328
Ion Ratio Lower Upper
146 100
148 64.8 50.3 75.5
75 31.2 29.0 43.4

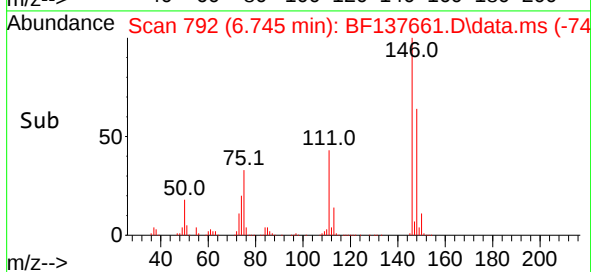
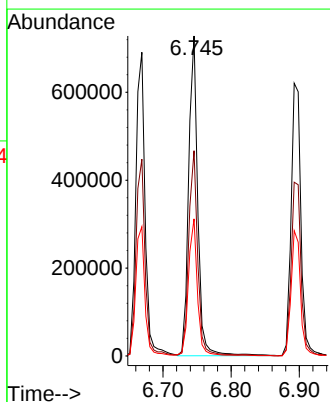
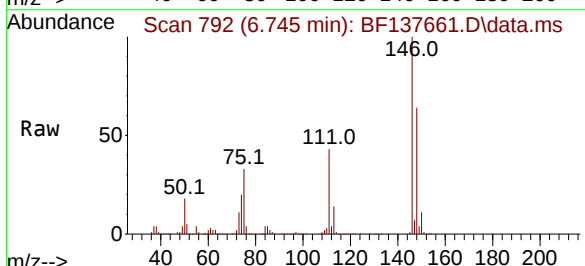
Manual Integrations
APPROVED

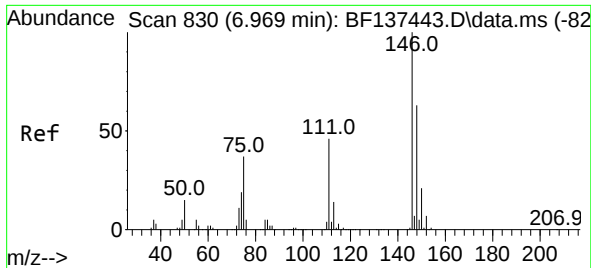
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#13
1,4-Dichlorobenzene
Concen: 44.535 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

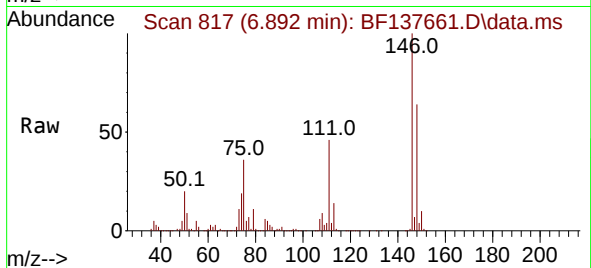
Tgt Ion:146 Resp: 668423
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 42.8 32.4 48.6





#14
1,2-Dichlorobenzene
Concen: 44.844 ng
RT: 6.892 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

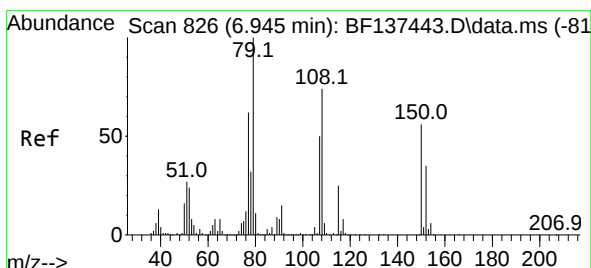
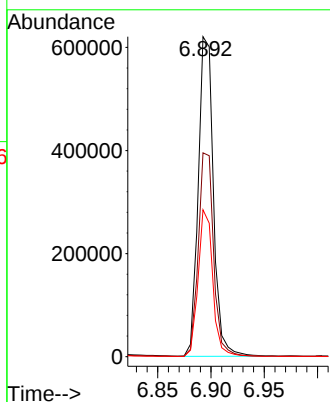
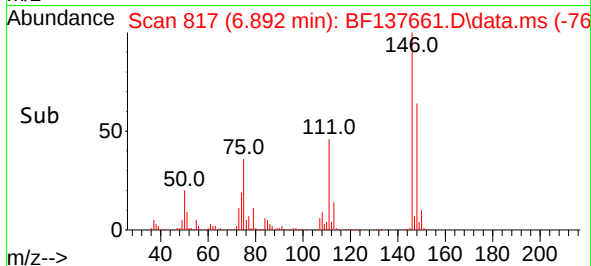
Instrument :
BNA_F
ClientSampleId :
PB159709BS



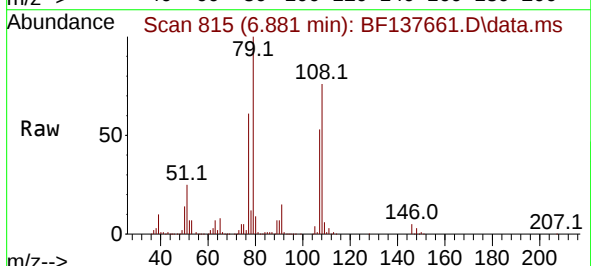
Tgt Ion:146 Resp: 61776
Ion Ratio Lower Upper
146 100
148 63.7 50.0 75.0
111 45.9 36.8 55.2

Manual Integrations
APPROVED

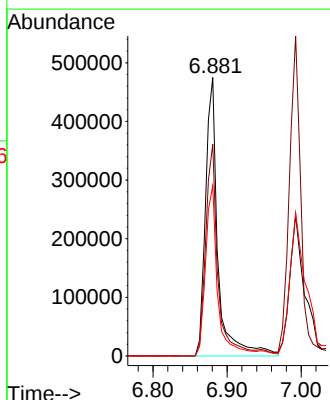
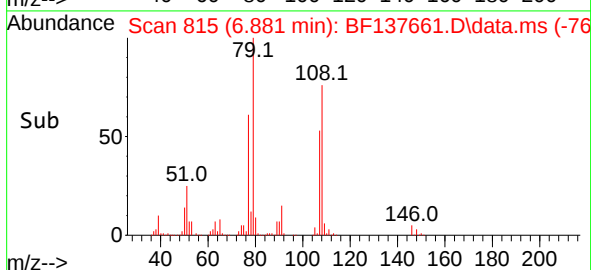
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

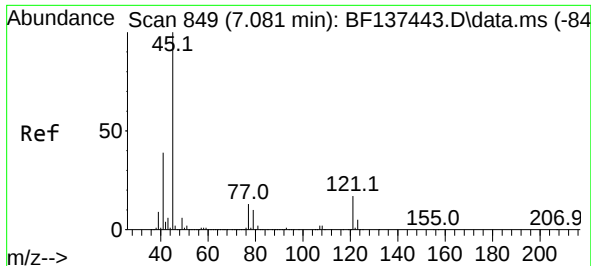


#15
Benzyl Alcohol
Concen: 47.581 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21



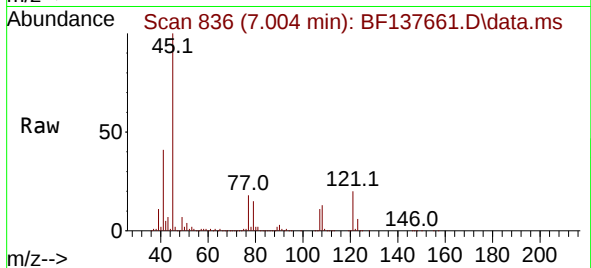
Tgt Ion: 79 Resp: 556506
Ion Ratio Lower Upper
79 100
108 76.0 59.5 89.3
77 61.2 50.0 75.0





#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.790 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

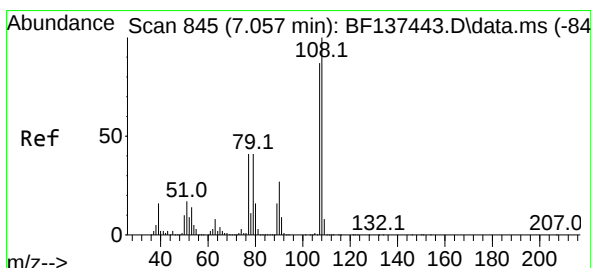
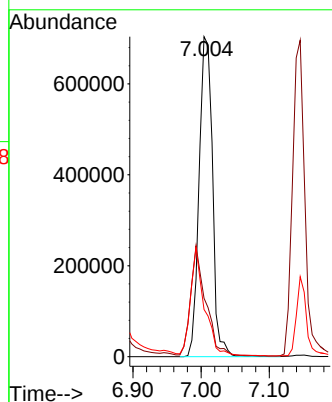
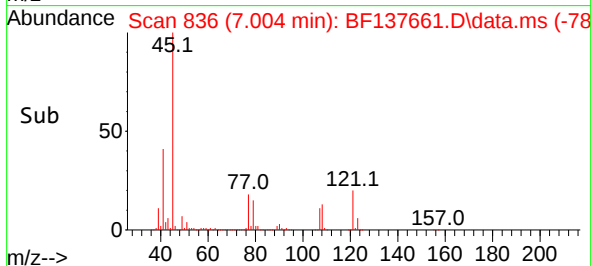
Instrument :
BNA_F
ClientSampleId :
PB159709BS



Tgt Ion: 45 Resp: 96256
Ion Ratio Lower Upper
45 100
77 18.3 0.0 33.4
79 14.7 0.0 30.9

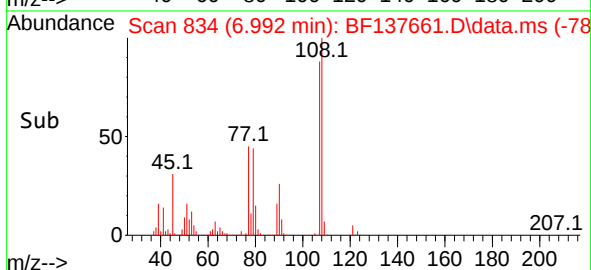
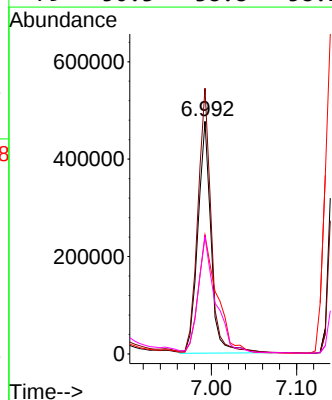
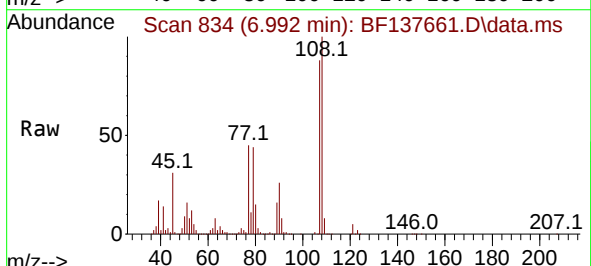
Manual Integrations
APPROVED

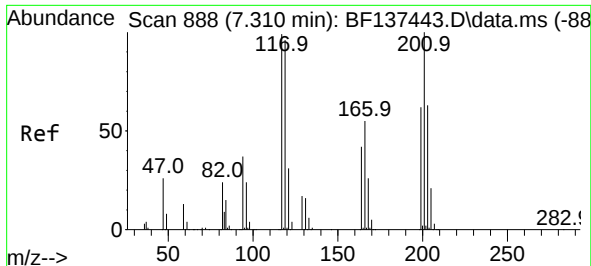
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#17
2-Methylphenol
Concen: 39.924 ng
RT: 6.992 min Scan# 834
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

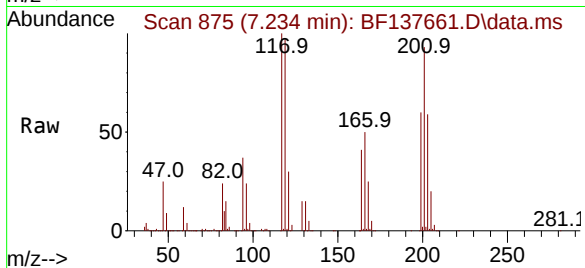
Tgt Ion:107 Resp: 512836
Ion Ratio Lower Upper
107 100
108 114.3 92.2 138.4
77 51.1 38.6 57.8
79 50.3 38.8 58.2





#18
Hexachloroethane
Concen: 46.199 ng
RT: 7.234 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

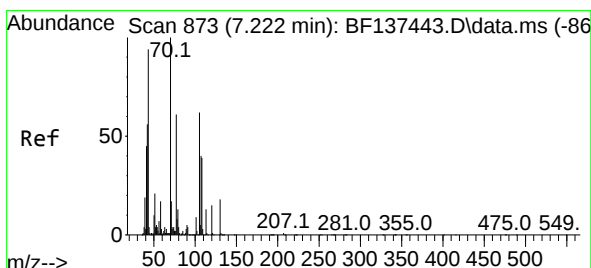
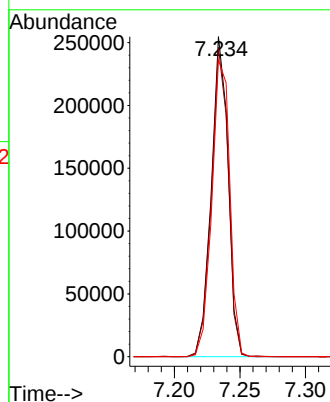
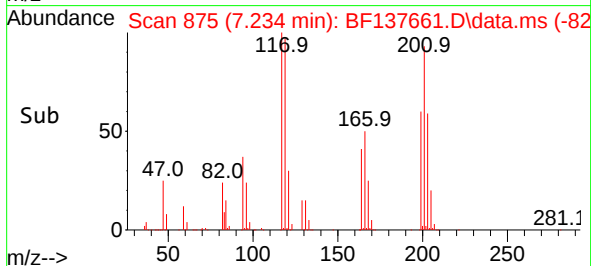
Instrument :
BNA_F
ClientSampleId :
PB159709BS



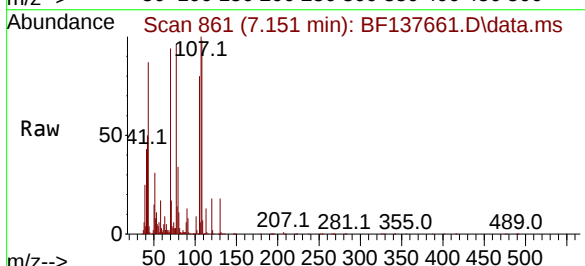
Tgt Ion:117 Resp: 228315
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3
201 92.7 80.6 121.0

Manual Integrations
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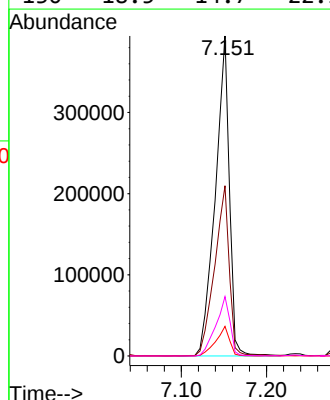
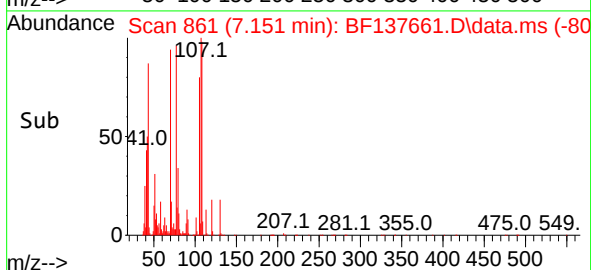
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

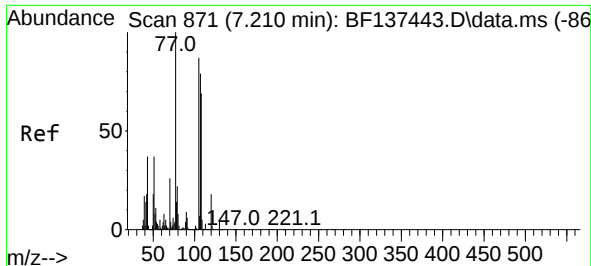


#19
n-Nitroso-di-n-propylamine
Concen: 38.975 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21



Tgt Ion: 70 Resp: 452160
Ion Ratio Lower Upper
70 100
42 53.2 45.2 67.8
101 9.2 7.3 10.9
130 18.5 14.7 22.1





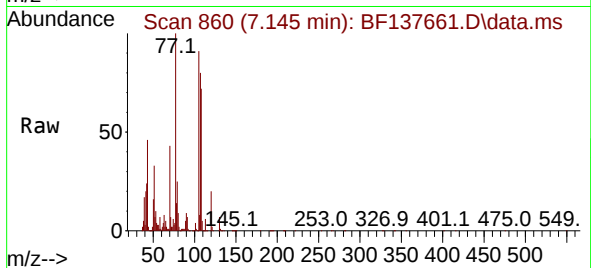
#20
3+4-Methylphenols
Concen: 39.407 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

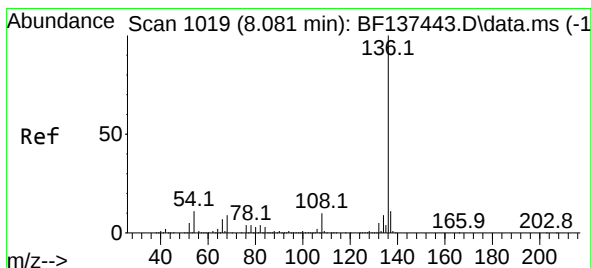
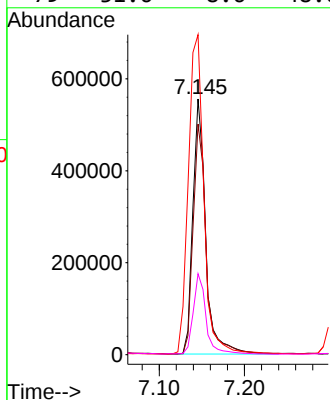
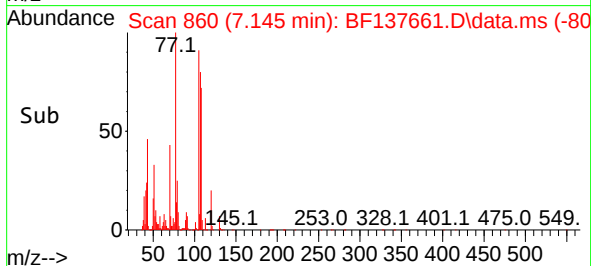


Tgt Ion:107 Resp: 57973
Ion Ratio Lower Upper
107 100
108 90.2 67.6 107.6
77 125.2 107.1 147.1
79 31.6 8.6 48.6

Manual Integrations

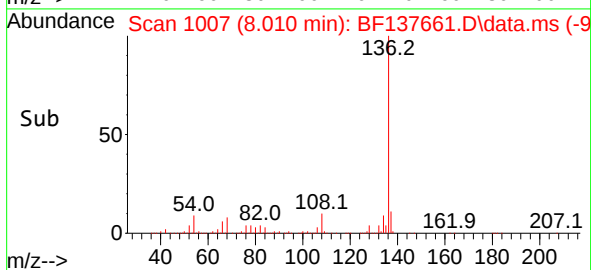
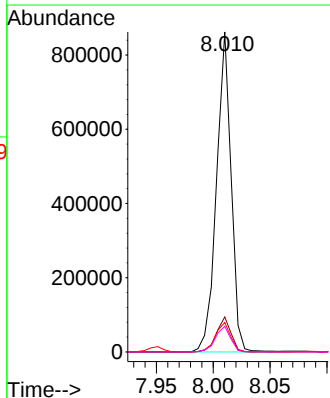
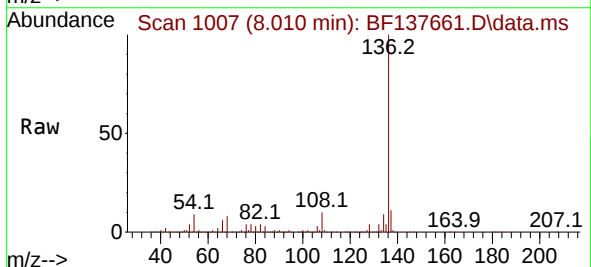
APPROVED

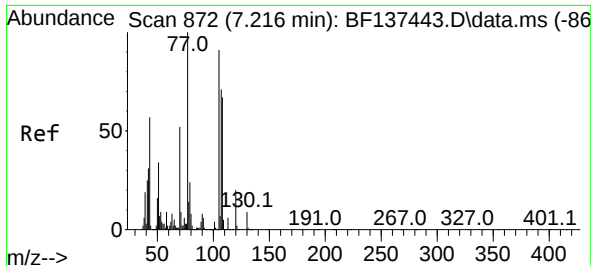
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion:136 Resp: 774609
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.2 8.5 12.7
68 8.0 7.4 11.2





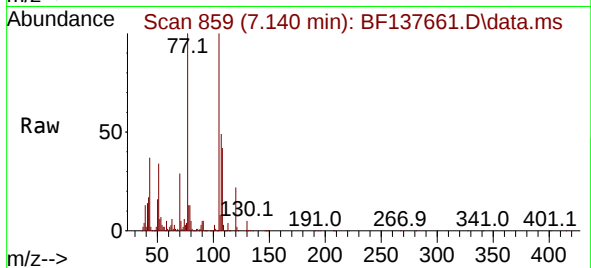
#22
Acetophenone
Concen: 45.273 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

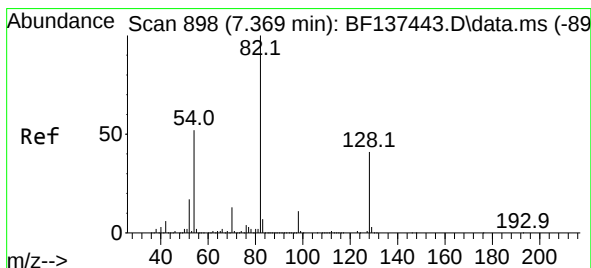
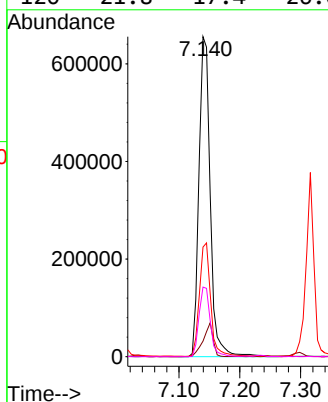
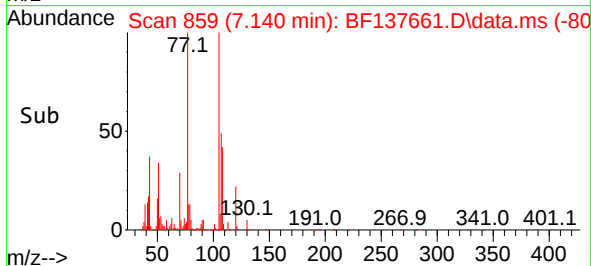


Tgt Ion: 105 Resp: 848504
Ion Ratio Lower Upper
105 100
71 4.8 7.7 11.5
51 34.2 30.4 45.6
120 21.8 17.4 26.0

Manual Integrations

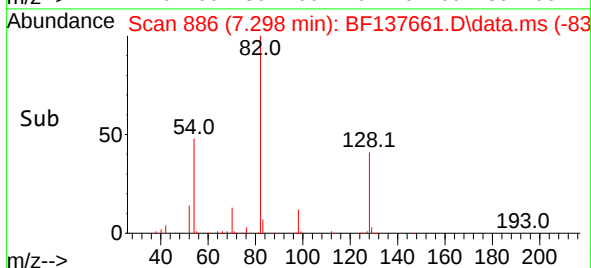
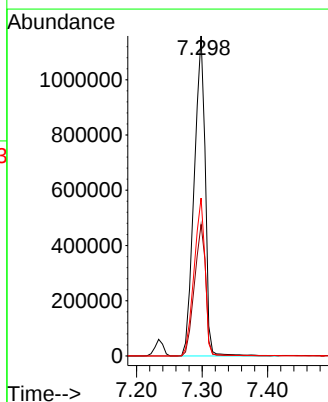
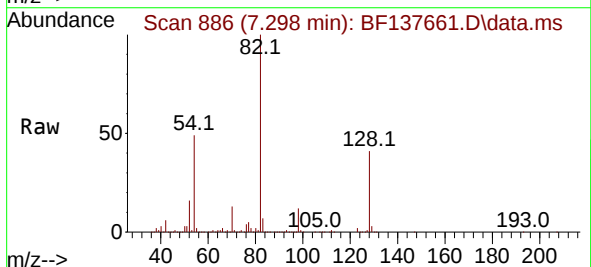
APPROVED

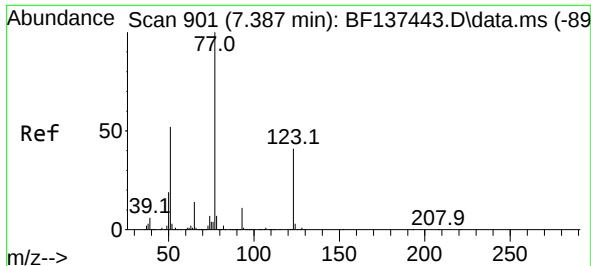
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#23
Nitrobenzene-d5
Concen: 81.824 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

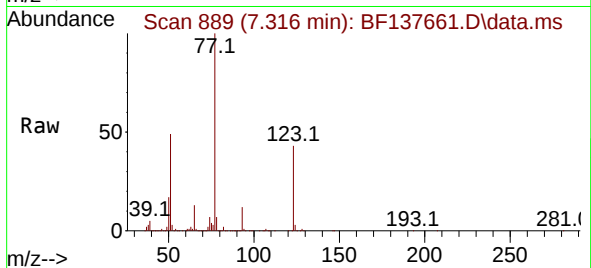
Tgt Ion: 82 Resp: 1364093
Ion Ratio Lower Upper
82 100
128 41.1 32.5 48.7
54 49.3 41.5 62.3





#24
Nitrobenzene
Concen: 42.074 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

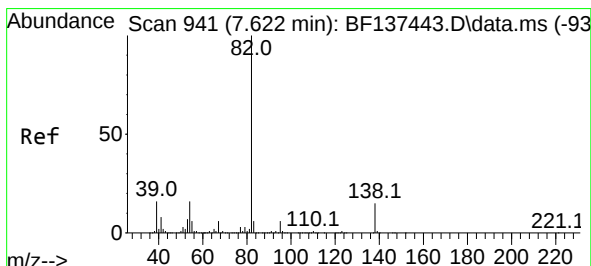
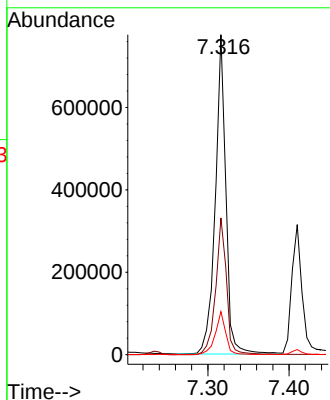
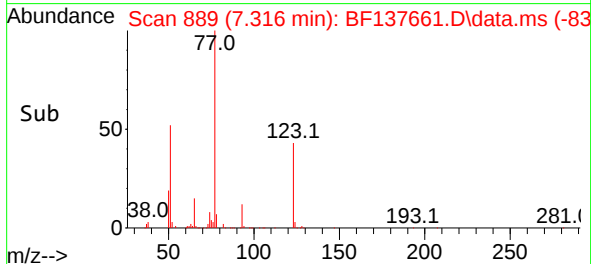
Instrument :
BNA_F
ClientSampleId :
PB159709BS



Tgt Ion: 77 Resp: 704615
Ion Ratio Lower Upper
77 100
123 42.8 33.0 49.6
65 13.4 10.9 16.3

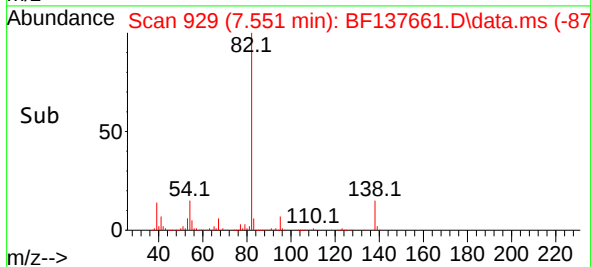
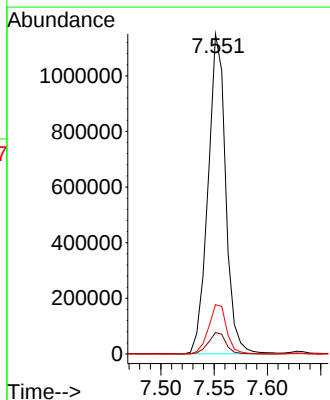
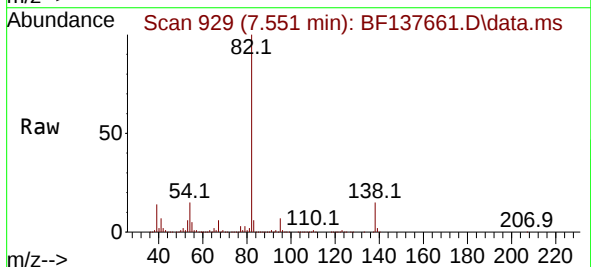
Manual Integrations
APPROVED

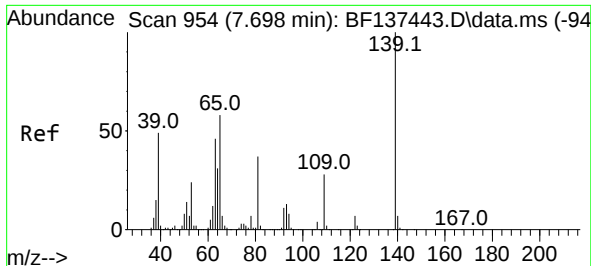
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#25
Isophorone
Concen: 41.827 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion: 82 Resp: 1324744
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 15.4 11.8 17.8





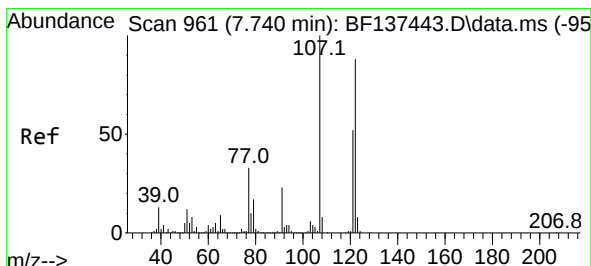
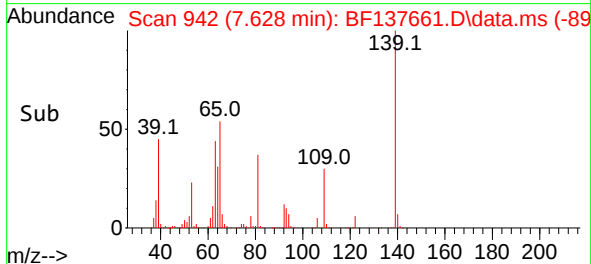
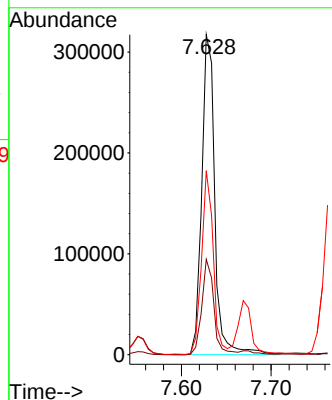
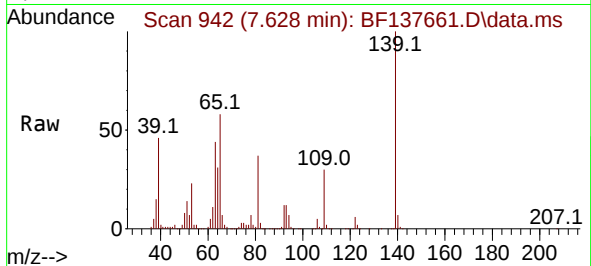
#26
2-Nitrophenol
Concen: 48.166 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :
BNA_F
ClientSampleId :
PB159709BS

Tgt Ion:139 Resp: 320240
Ion Ratio Lower Upper
139 100
109 29.8 22.2 33.4
65 57.5 46.2 69.2

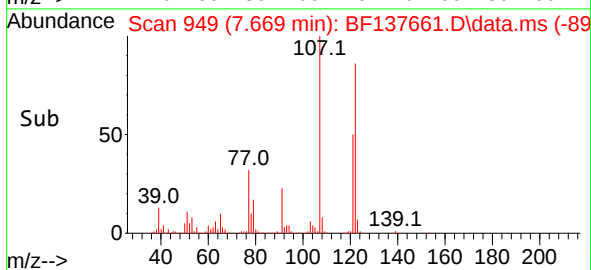
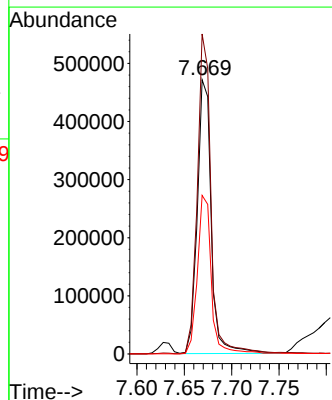
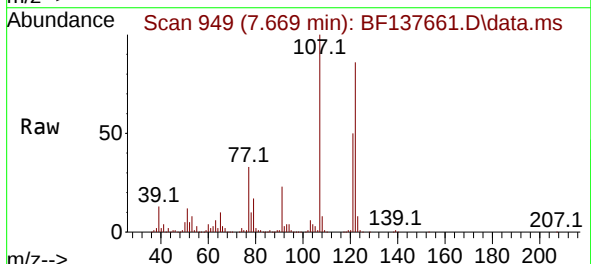
Manual Integrations
APPROVED

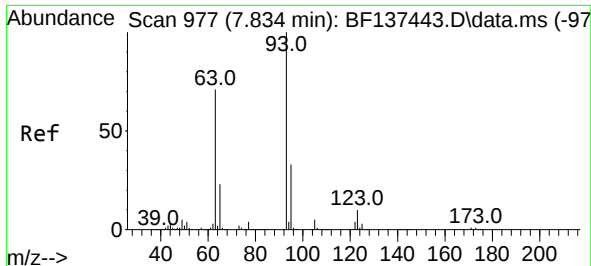
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#27
2,4-Dimethylphenol
Concen: 38.765 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion:122 Resp: 481594
Ion Ratio Lower Upper
122 100
107 116.7 90.9 136.3
121 57.8 47.0 70.6





#28
bis(2-Chloroethoxy)methane
Concen: 42.851 ng
RT: 7.769 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

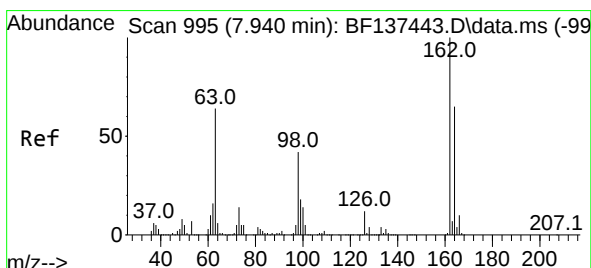
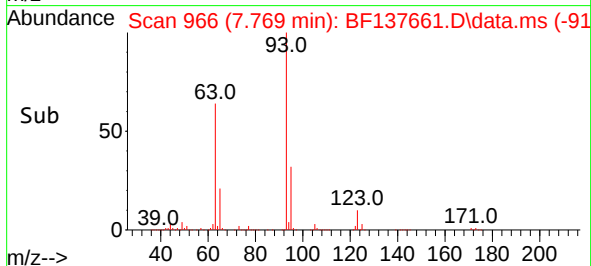
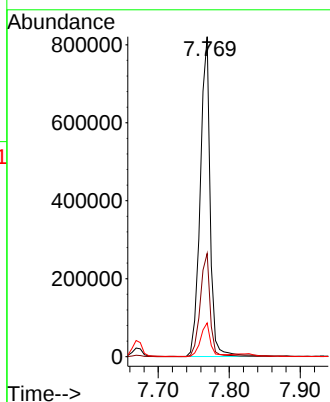
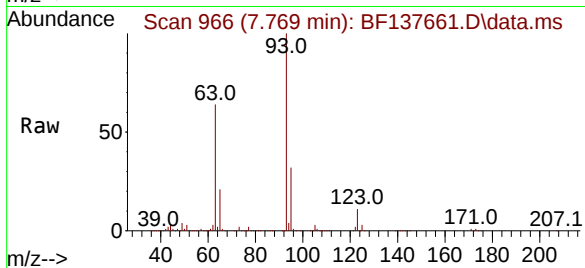
ClientSampleId :

PB159709BS

Tgt Ion: 93 Resp: 796298
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 10.6 8.0 12.0

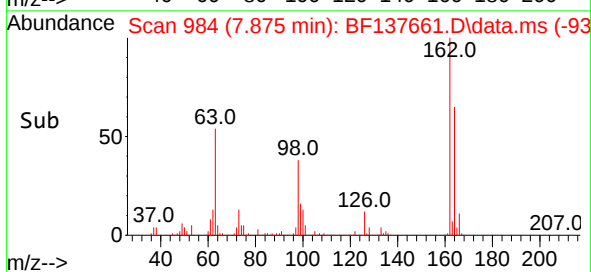
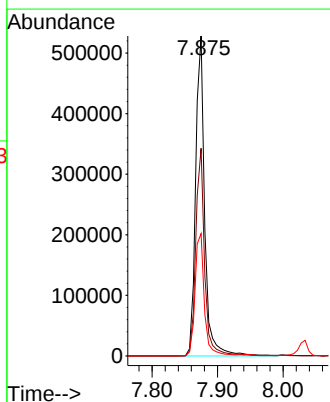
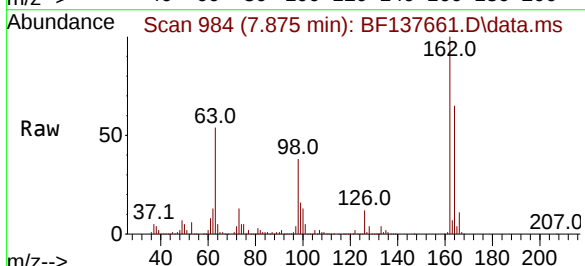
Manual Integrations
APPROVED

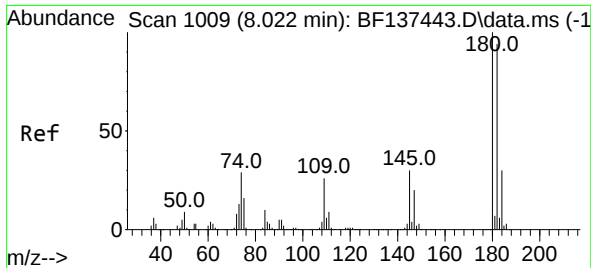
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#29
2,4-Dichlorophenol
Concen: 44.882 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion:162 Resp: 511750
Ion Ratio Lower Upper
162 100
164 64.9 44.7 84.7
98 38.2 22.0 62.0





#30
1,2,4-Trichlorobenzene
Concen: 45.241 ng
RT: 7.951 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

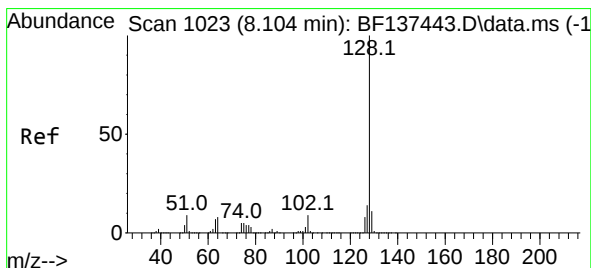
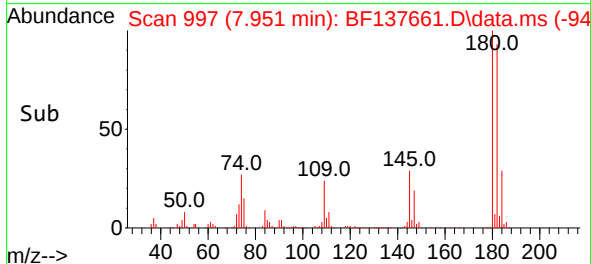
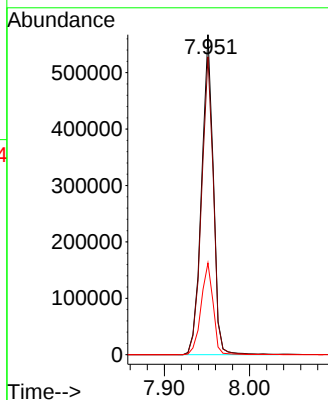
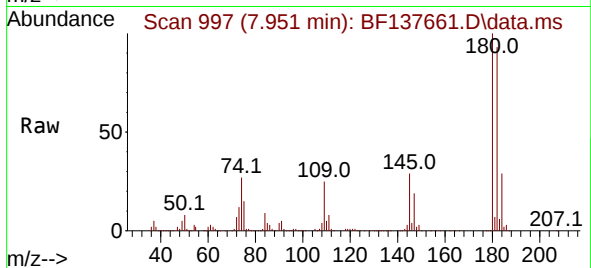
ClientSampleId :

PB159709BS

Tgt Ion:180 Resp: 54283
Ion Ratio Lower Upper
180 100
182 93.1 75.0 112.6
145 28.7 23.7 35.5

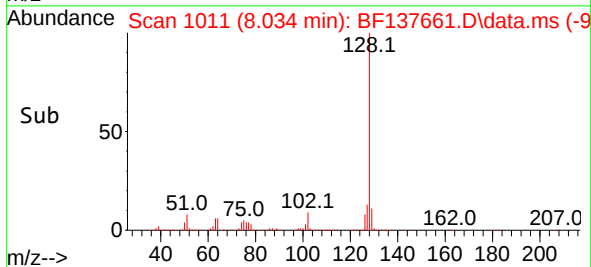
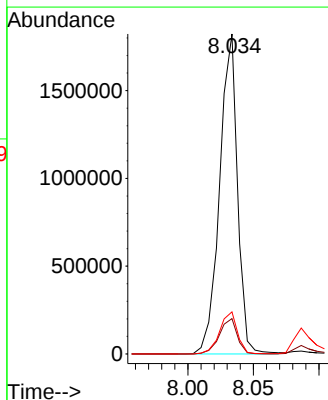
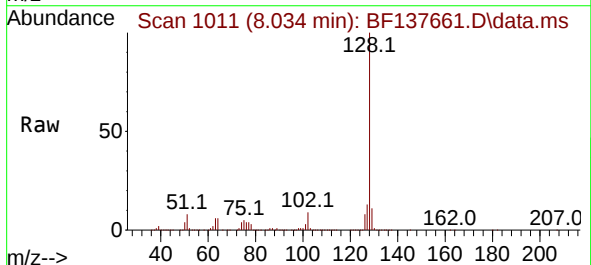
Manual Integrations
APPROVED

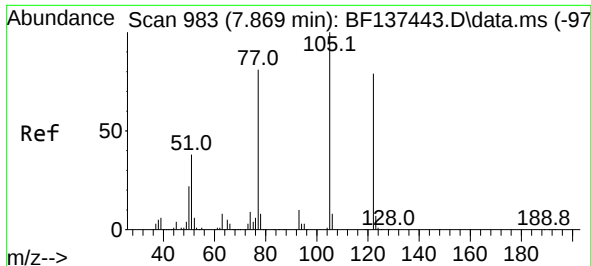
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#31
Naphthalene
Concen: 41.460 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

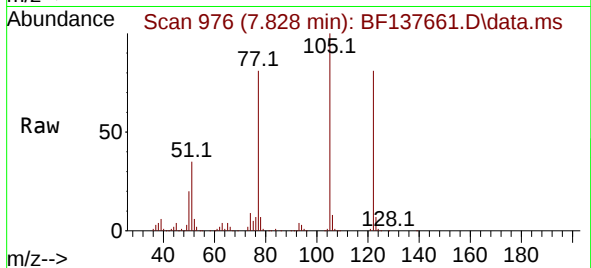
Tgt Ion:128 Resp: 1723120
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.2 10.8 16.2





#32
Benzoic acid
Concen: 39.408 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.029 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

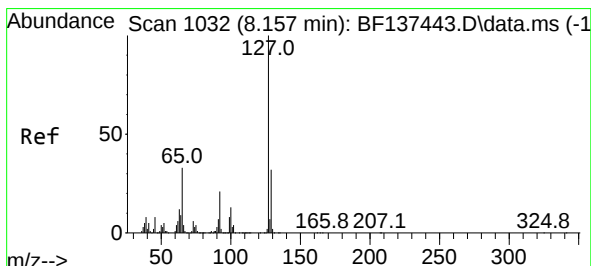
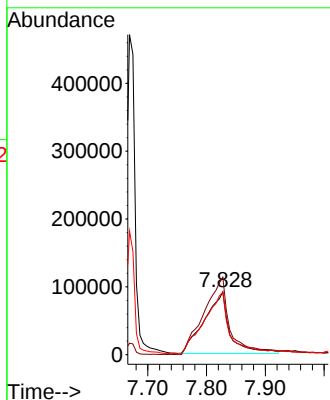
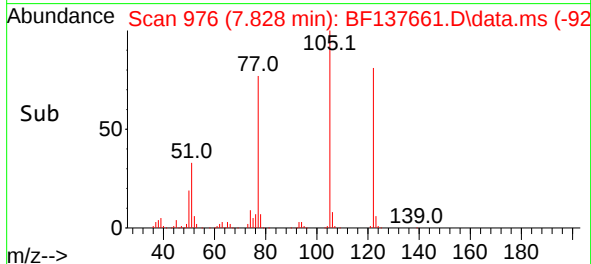
Instrument :
BNA_F
ClientSampleId :
PB159709BS



Tgt Ion:122 Resp: 272659
Ion Ratio Lower Upper
122 100
105 123.2 102.4 142.4
77 99.4 81.1 121.1

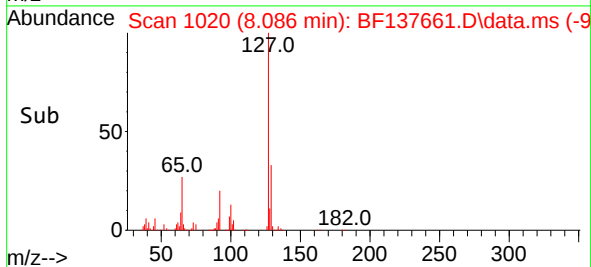
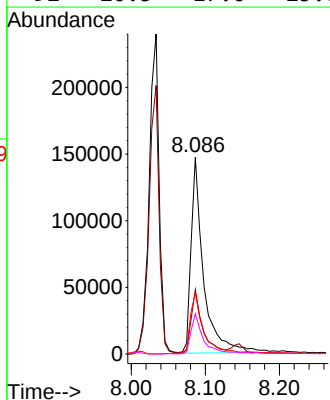
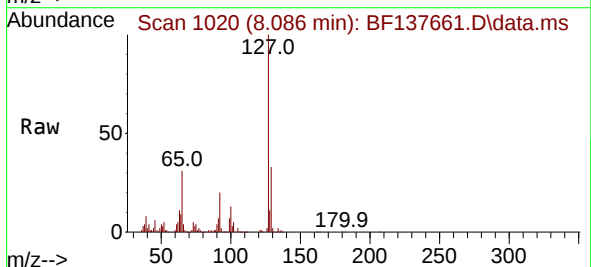
Manual Integrations
APPROVED

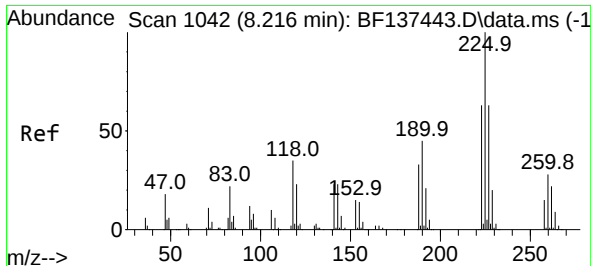
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#33
4-Chloroaniline
Concen: 10.686 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion:127 Resp: 174146
Ion Ratio Lower Upper
127 100
129 32.8 26.0 39.0
65 31.3 26.8 40.2
92 20.5 17.0 25.6





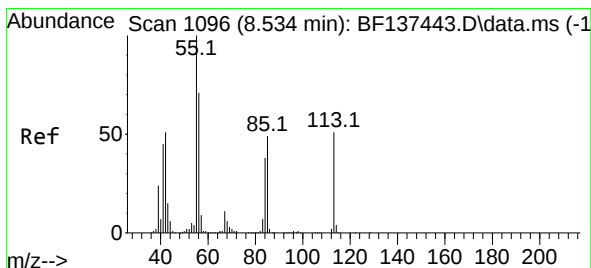
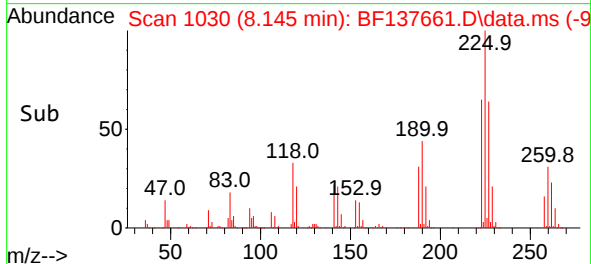
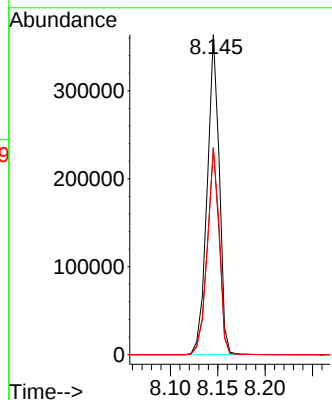
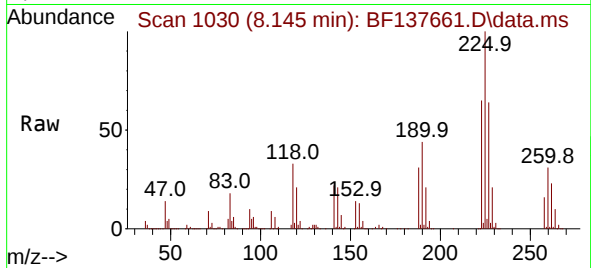
#34
Hexachlorobutadiene
Concen: 45.485 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :
BNA_F
ClientSampleId :
PB159709BS

Tgt Ion:225 Resp: 322204
Ion Ratio Lower Upper
225 100
223 64.7 50.7 76.1
227 64.4 50.6 75.8

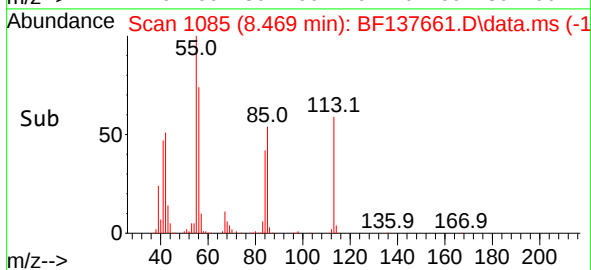
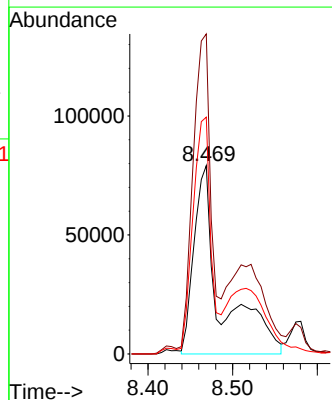
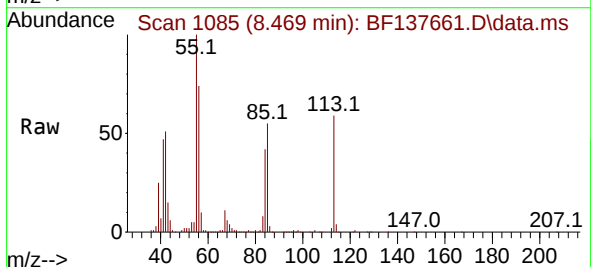
Manual Integrations
APPROVED

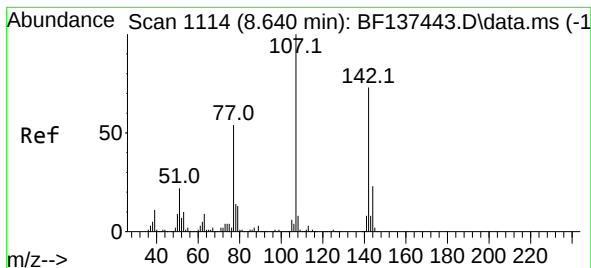
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#35
Caprolactam
Concen: 45.331 ng m
RT: 8.469 min Scan# 1085
Delta R.T. 0.012 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion:113 Resp: 175261
Ion Ratio Lower Upper
113 100
55 170.0 176.7 216.7#
56 125.8 120.6 160.6





#36
4-Chloro-3-methylphenol
Concen: 43.323 ng
RT: 8.581 min Scan# 1114
Delta R.T. 0.012 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

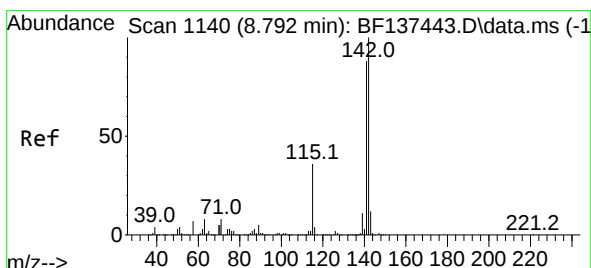
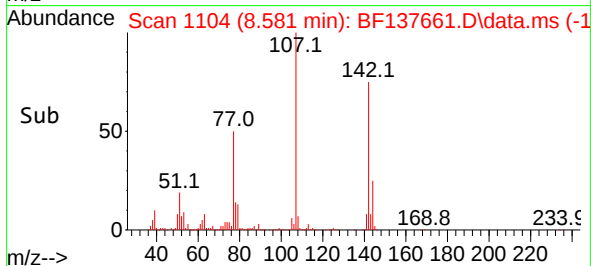
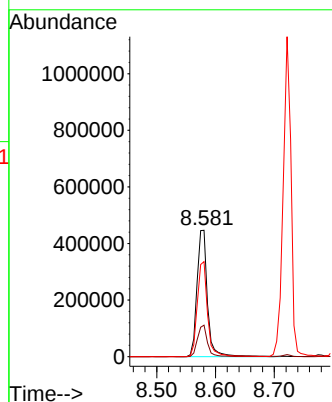
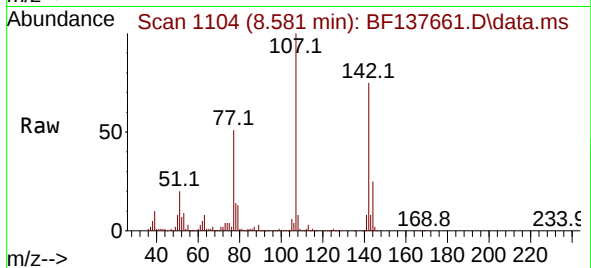
PB159709BS

Tgt Ion:107 Resp: 55215
Ion Ratio Lower Upper
107 100
144 24.9 18.7 28.1
142 75.1 58.2 87.2

Manual Integrations

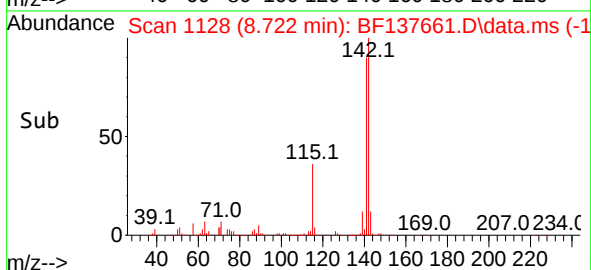
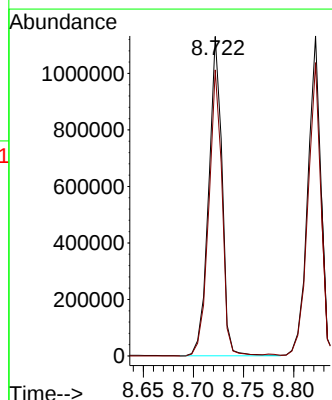
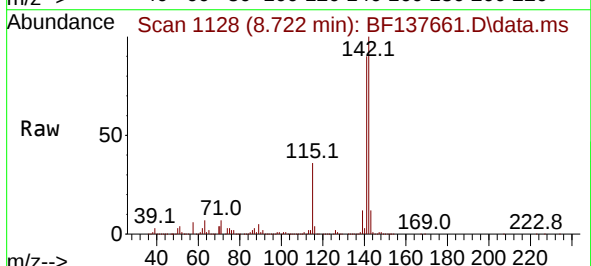
APPROVED

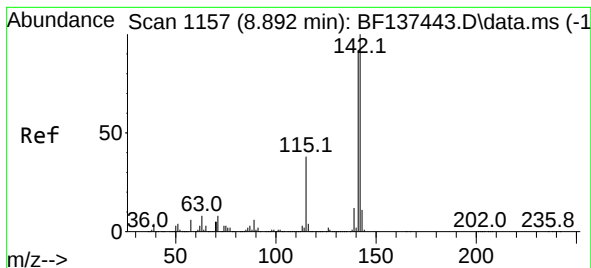
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#37
2-Methylnaphthalene
Concen: 39.639 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion:142 Resp: 1050230
Ion Ratio Lower Upper
142 100
141 89.5 70.4 105.6





#38

1-Methylnaphthalene

Concen: 40.933 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

Tgt Ion:142 Resp: 1021319

Ion Ratio Lower Upper

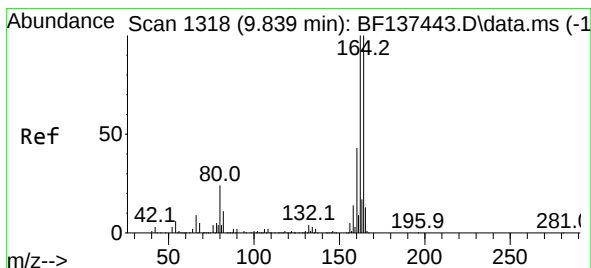
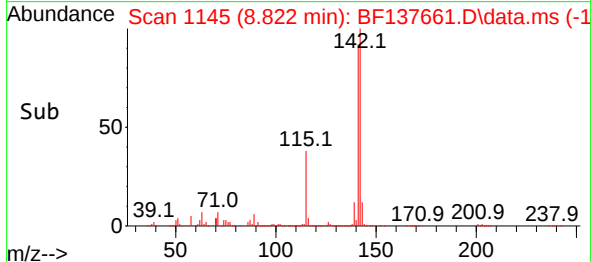
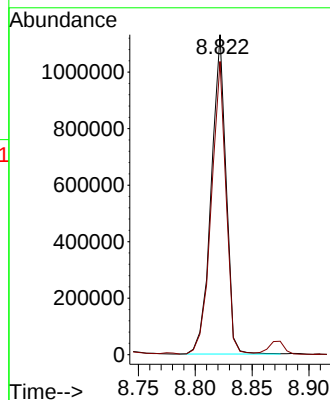
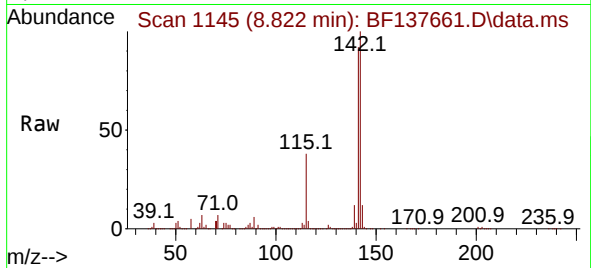
142 100

141 91.6 73.4 110.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

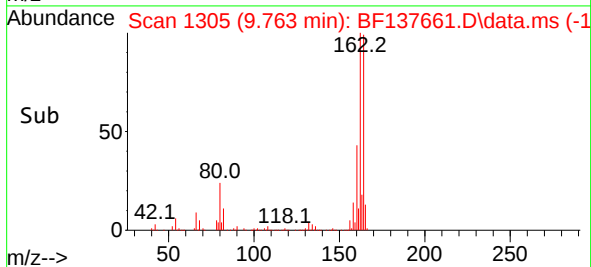
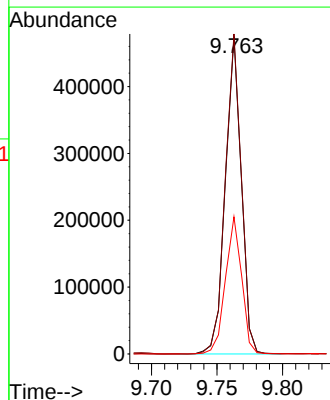
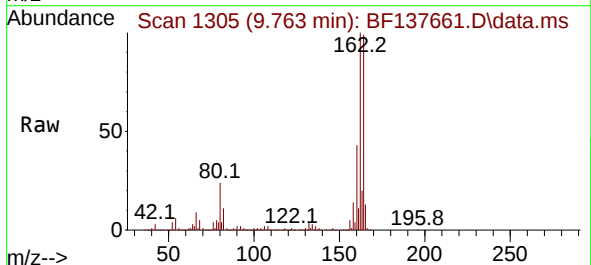
Tgt Ion:164 Resp: 401368

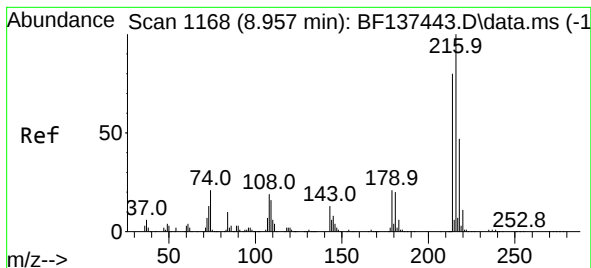
Ion Ratio Lower Upper

164 100

162 100.7 79.8 119.8

160 43.2 34.4 51.6





#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.461 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

Tgt Ion:216 Resp: 554219

Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

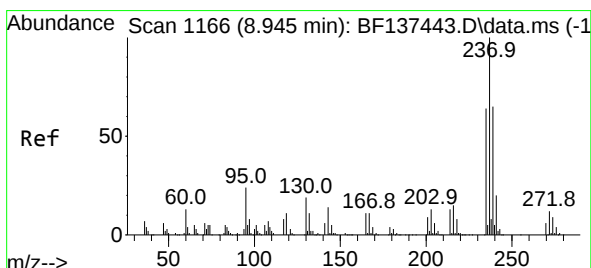
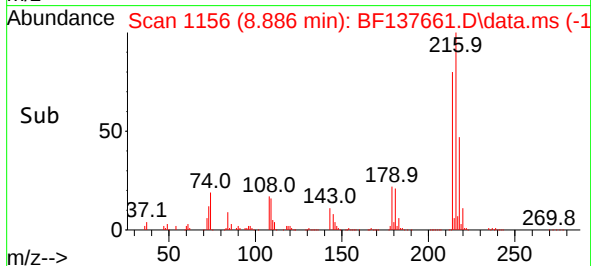
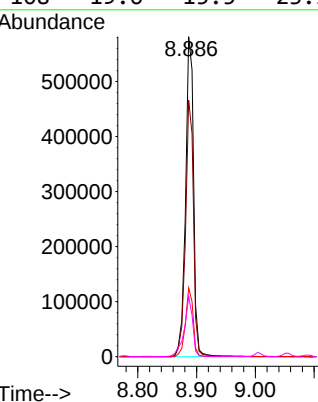
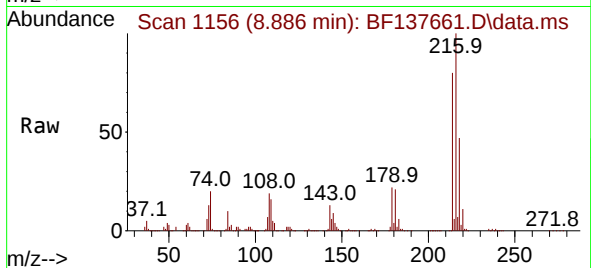
179 20.7 16.6 25.0

108 19.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#41

Hexachlorocyclopentadiene

Concen: 86.169 ng

RT: 8.875 min Scan# 1154

Delta R.T. 0.006 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

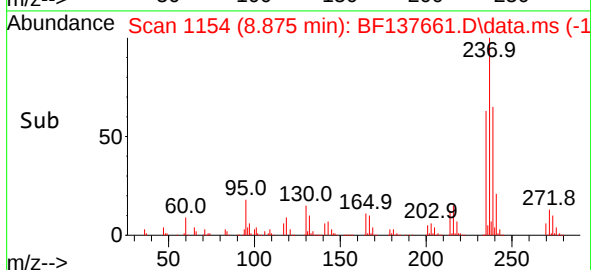
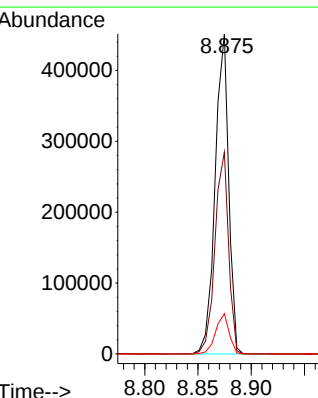
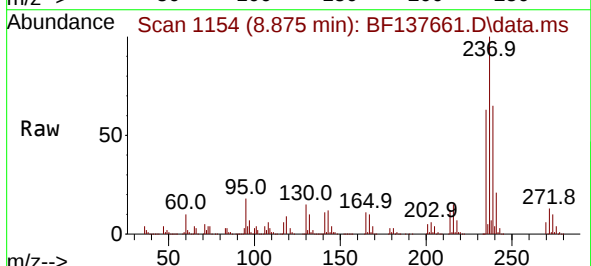
Tgt Ion:237 Resp: 397272

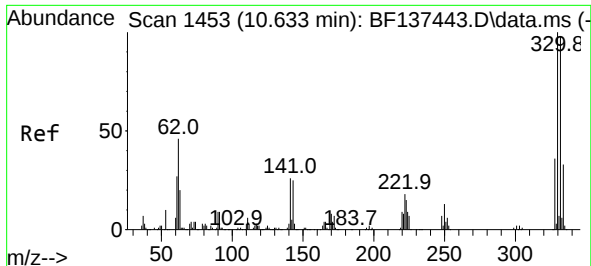
Ion Ratio Lower Upper

237 100

235 63.1 43.6 83.6

272 12.6 0.0 31.9





#42
2,4,6-Tribromophenol
Concen: 145.597 ng
RT: 10.557 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

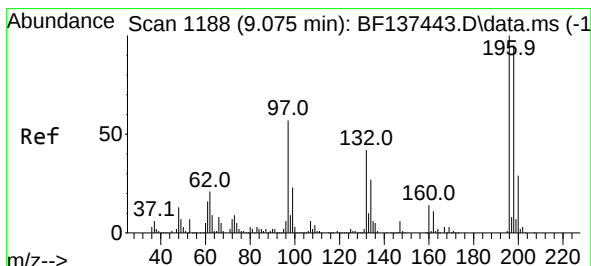
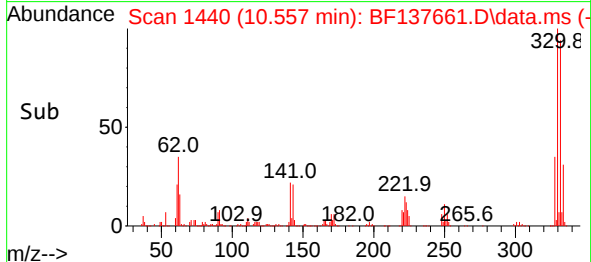
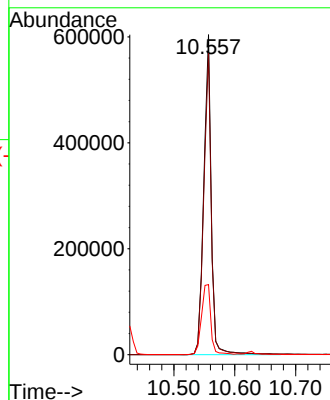
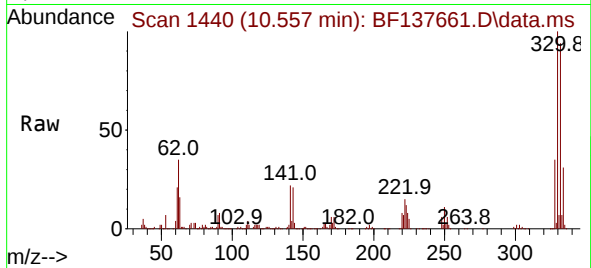
PB159709BS

Tgt Ion:330 Resp: 51318
Ion Ratio Lower Upper
330 100
332 94.9 78.0 117.0
141 27.4 27.3 40.9

Manual Integrations

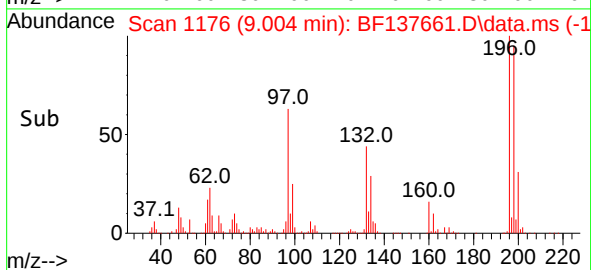
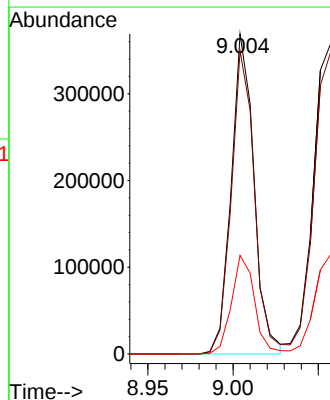
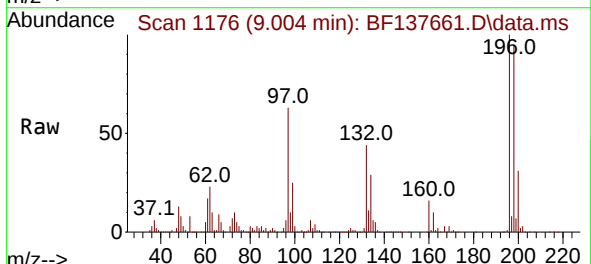
APPROVED

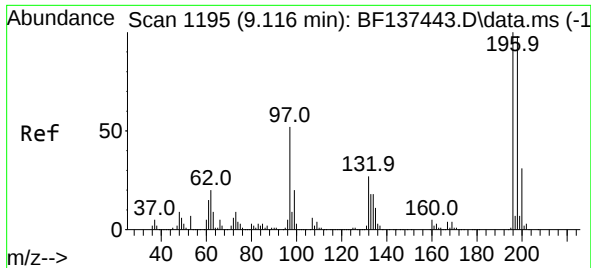
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#43
2,4,6-Trichlorophenol
Concen: 47.031 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion:196 Resp: 343177
Ion Ratio Lower Upper
196 100
198 94.8 75.8 113.8
200 30.8 23.5 35.3





#44
2,4,5-Trichlorophenol
Concen: 42.698 ng
RT: 9.057 min Scan# 1191
Delta R.T. 0.018 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

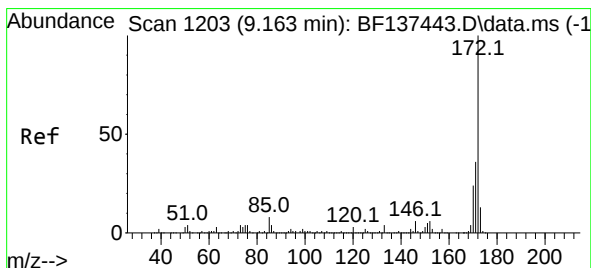
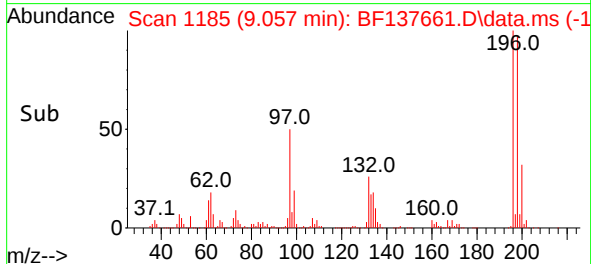
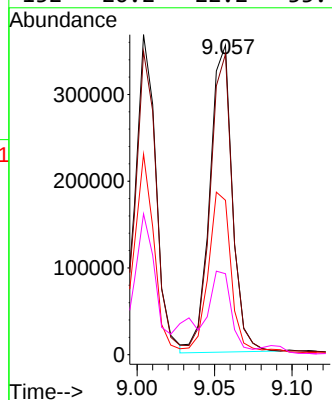
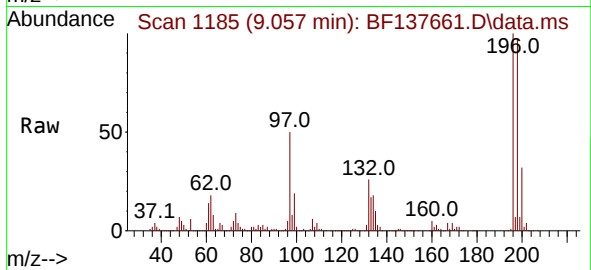
PB159709BS

Tgt Ion:196 Resp: 35890
Ion Ratio Lower Upper
196 100
198 97.2 78.6 117.8
97 49.9 41.8 62.8
132 26.2 22.2 33.4

Manual Integrations

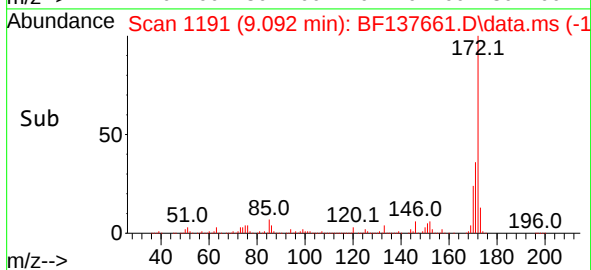
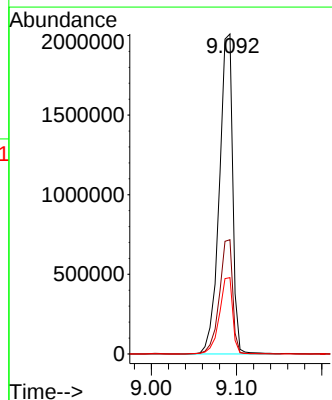
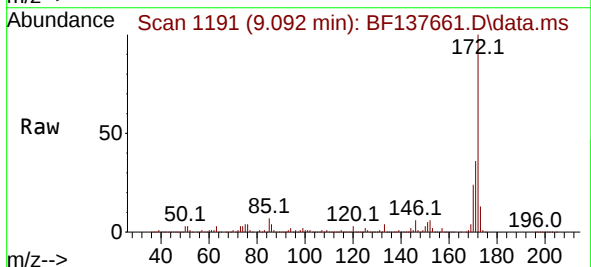
APPROVED

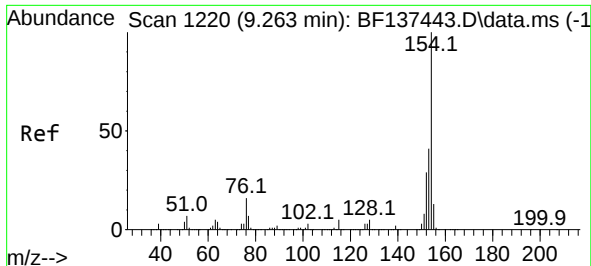
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#45
2-Fluorobiphenyl
Concen: 85.846 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion:172 Resp: 2201149
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.9 19.0 28.6





#46
1,1'-Biphenyl
Concen: 46.062 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

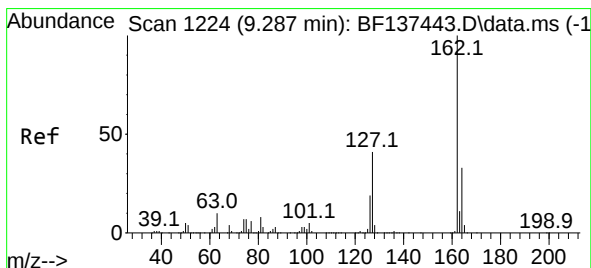
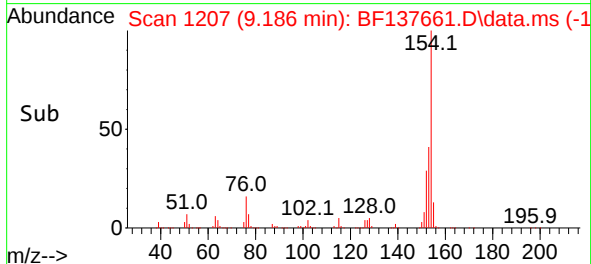
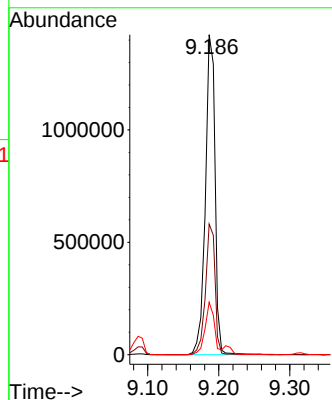
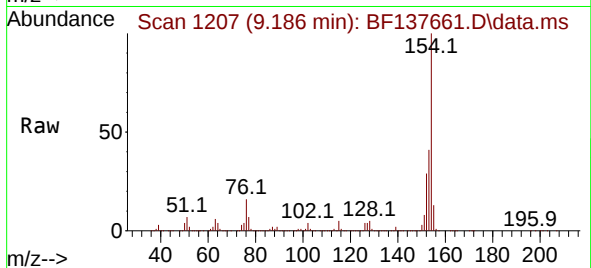
PB159709BS

Tgt Ion:154 Resp: 1353130
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 16.4 0.0 35.8

Manual Integrations

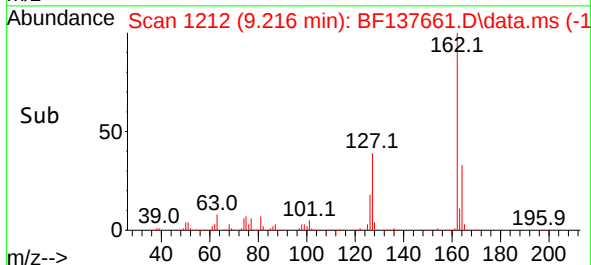
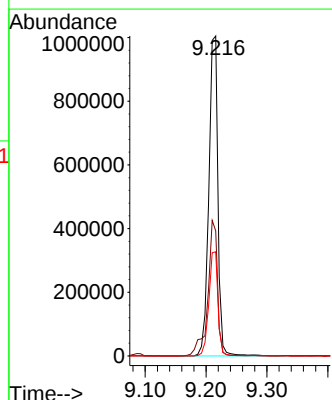
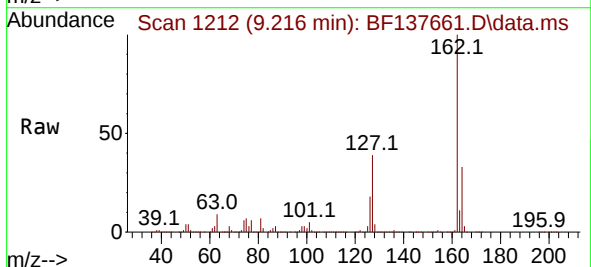
APPROVED

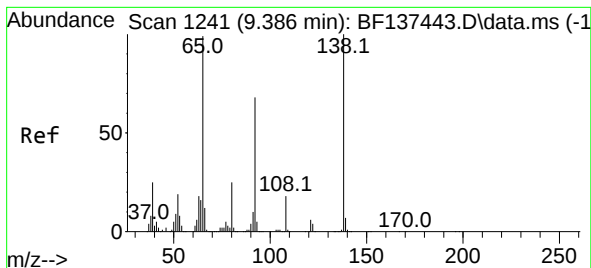
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#47
2-Chloronaphthalene
Concen: 46.789 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion:162 Resp: 1047937
Ion Ratio Lower Upper
162 100
127 39.1 32.6 49.0
164 32.6 26.5 39.7





#48
2-Nitroaniline
Concen: 45.670 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

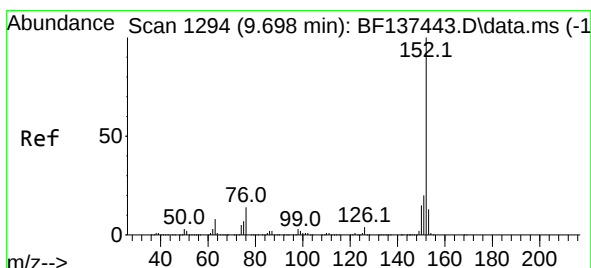
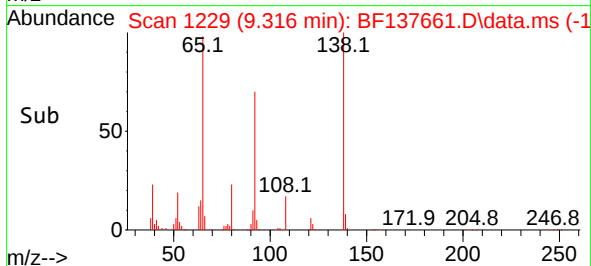
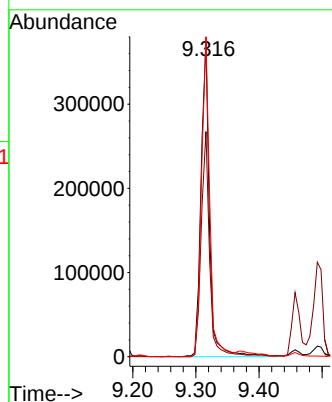
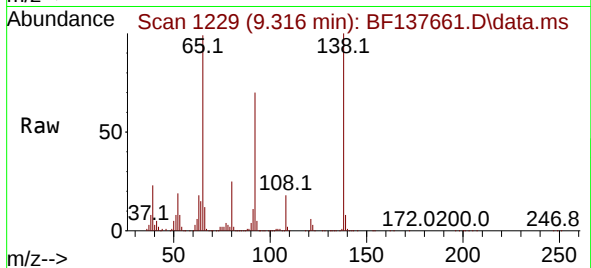
PB159709BS

Tgt Ion: 65 Resp: 347669
Ion Ratio Lower Upper
65 100
92 71.4 55.4 83.2
138 101.5 81.0 121.6

Manual Integrations

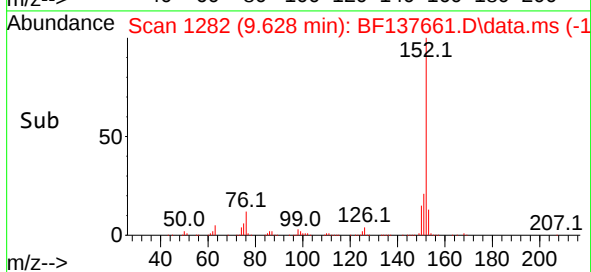
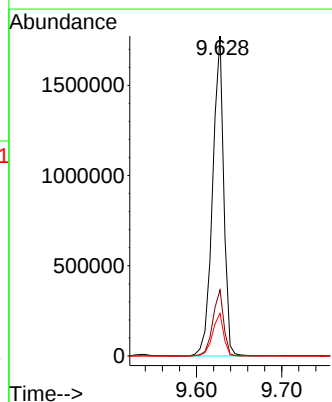
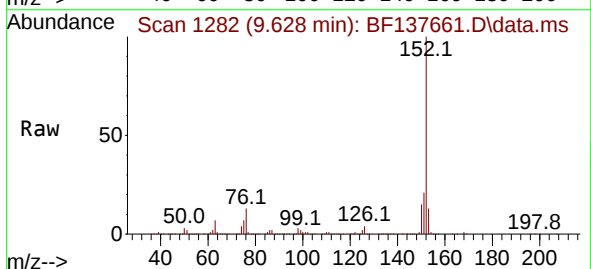
APPROVED

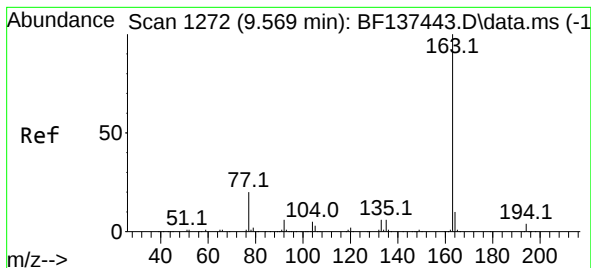
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#49
Acenaphthylene
Concen: 44.914 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion:152 Resp: 1609877
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.3 10.8 16.2





#50

Dimethylphthalate

Concen: 45.254 ng

RT: 9.498 min Scan# 1260

Delta R.T. 0.006 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

Tgt Ion:163 Resp: 126439

Ion Ratio Lower Upper

163 100

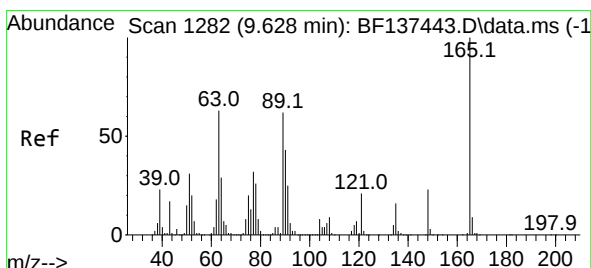
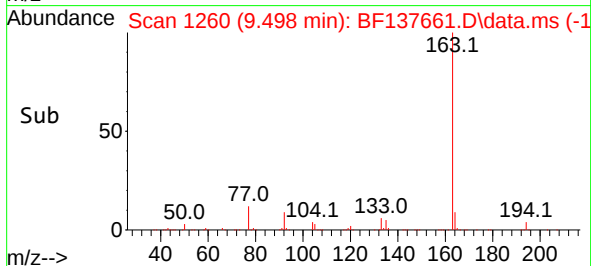
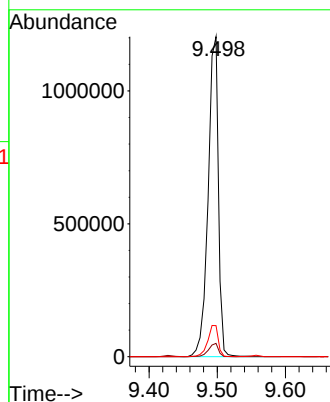
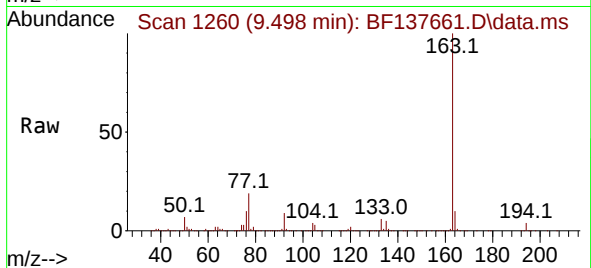
194 4.2 3.3 4.9

164 9.7 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#51

2,6-Dinitrotoluene

Concen: 47.577 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.006 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

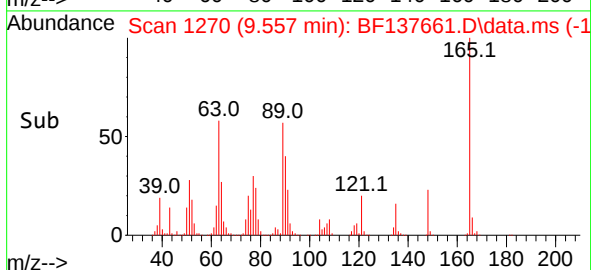
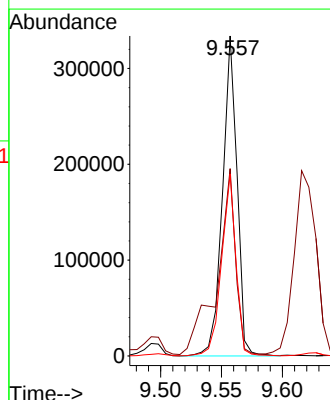
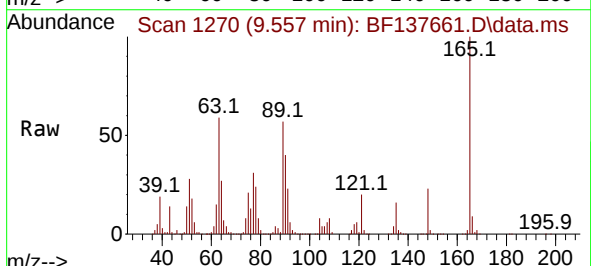
Tgt Ion:165 Resp: 278037

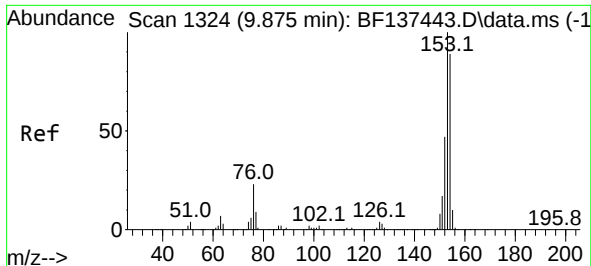
Ion Ratio Lower Upper

165 100

63 58.5 50.7 76.1

89 56.9 50.0 75.0





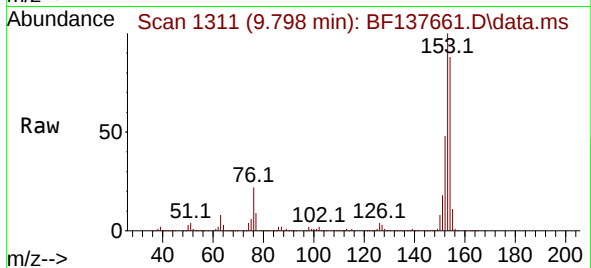
#52
Acenaphthene
Concen: 42.640 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

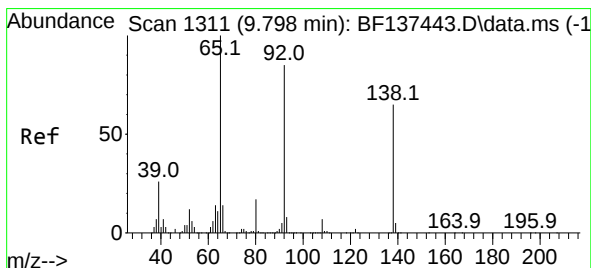
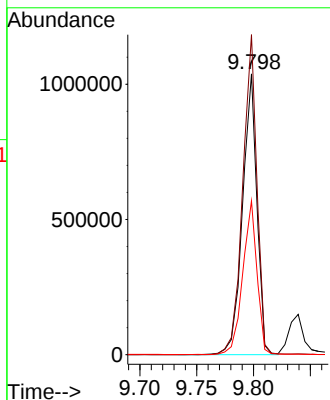
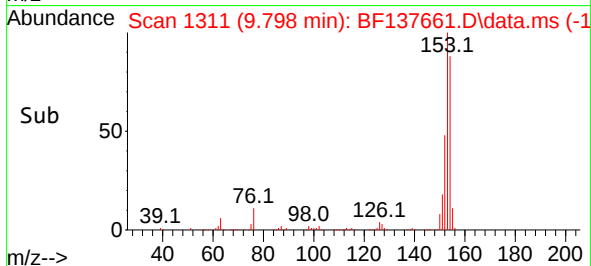


Tgt Ion:154 Resp: 912440
Ion Ratio Lower Upper
154 100
153 113.9 90.3 135.5
152 54.7 42.7 64.1

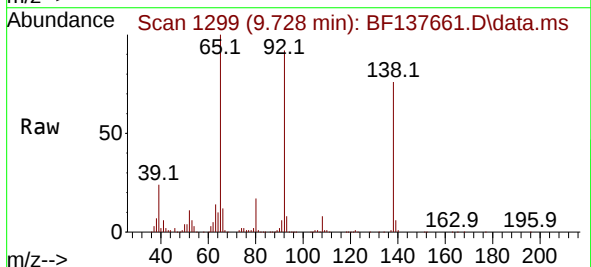
Manual Integrations

APPROVED

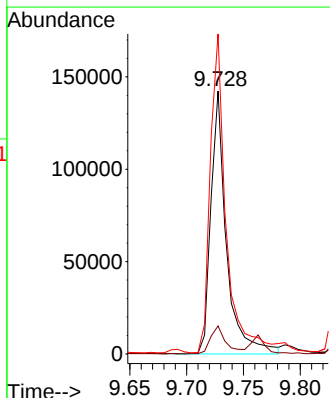
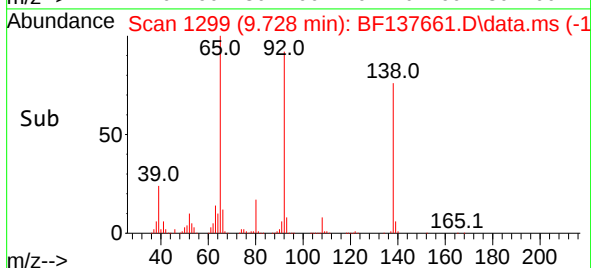
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

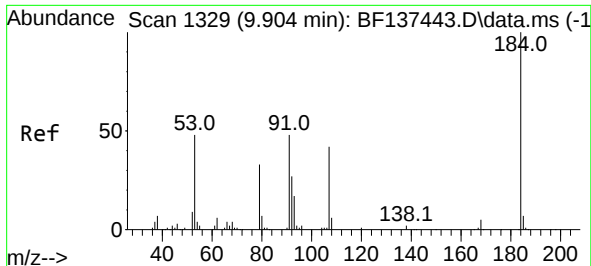


#53
3-Nitroaniline
Concen: 21.980 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21



Tgt Ion:138 Resp: 135867
Ion Ratio Lower Upper
138 100
108 10.6 9.1 13.7
92 121.7 104.6 157.0





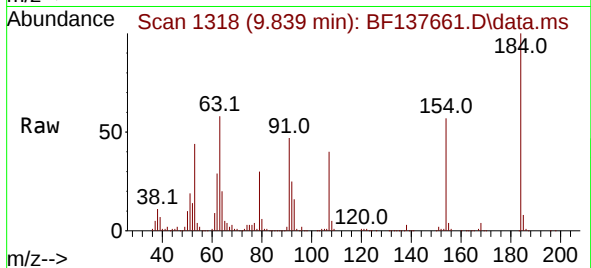
#54
2,4-Dinitrophenol
Concen: 86.893 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

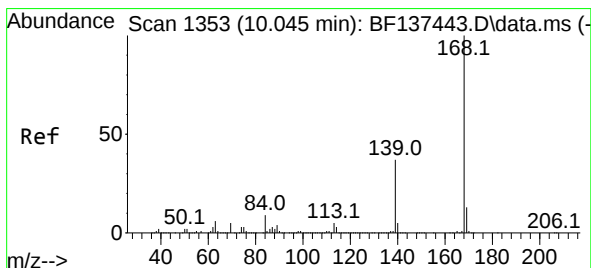
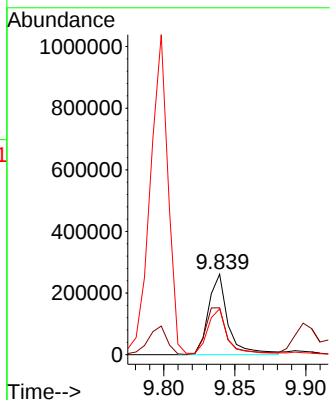
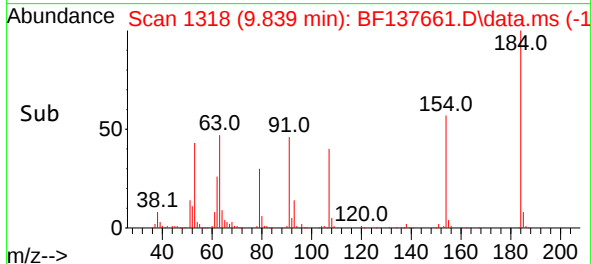


Tgt Ion:184 Resp: 249920
Ion Ratio Lower Upper
184 100
63 58.4 53.3 79.9
154 57.1 47.4 71.0

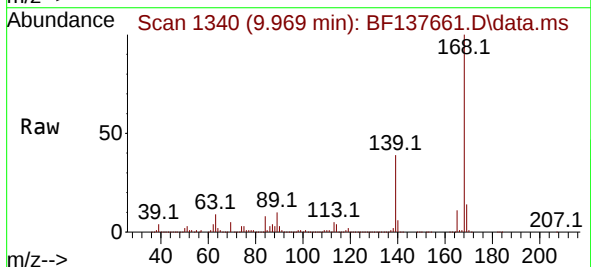
Manual Integrations

APPROVED

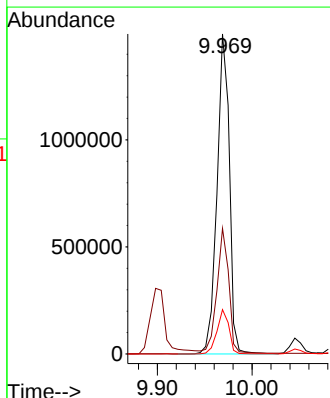
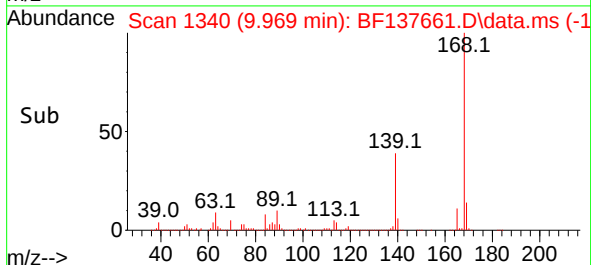
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

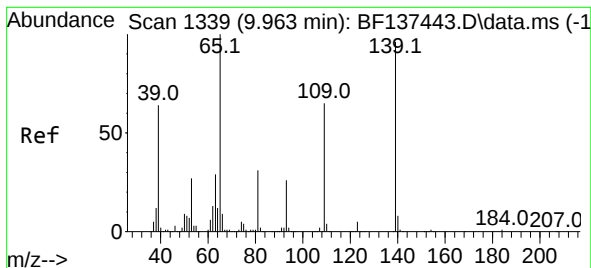


#55
Dibenzofuran
Concen: 41.521 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21



Tgt Ion:168 Resp: 1353253
Ion Ratio Lower Upper
168 100
139 39.2 29.8 44.6
169 13.9 10.8 16.2





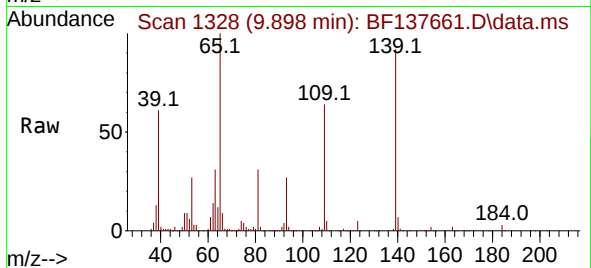
#56
4-Nitrophenol
Concen: 78.935 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

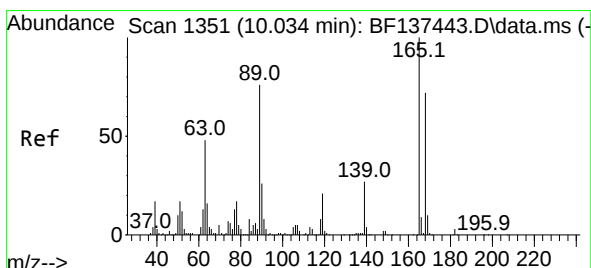
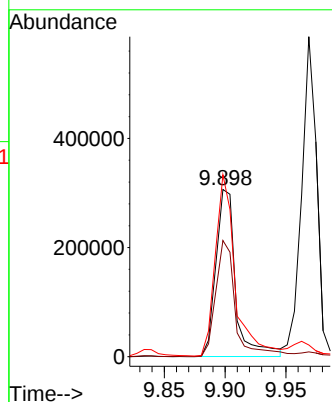
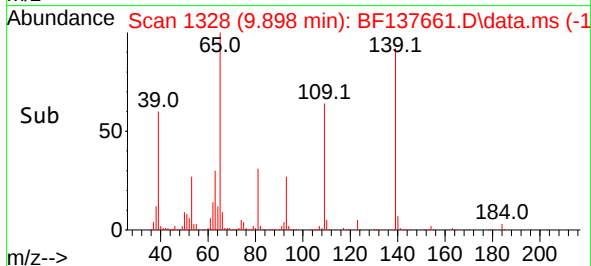


Tgt Ion:139 Resp: 34685
Ion Ratio Lower Upper
139 100
109 69.5 47.1 87.1
65 108.7 85.1 125.1

Manual Integrations

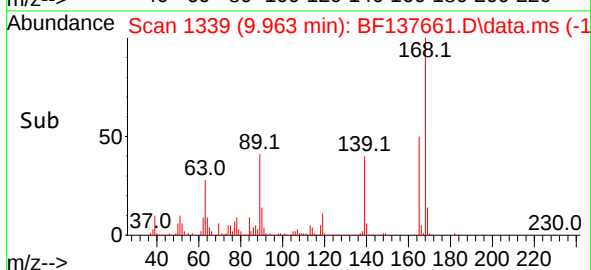
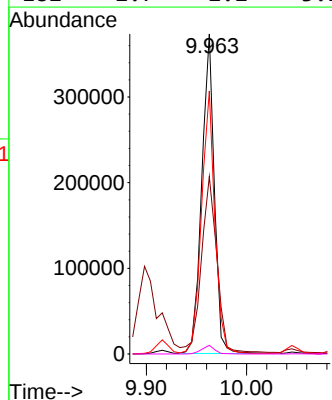
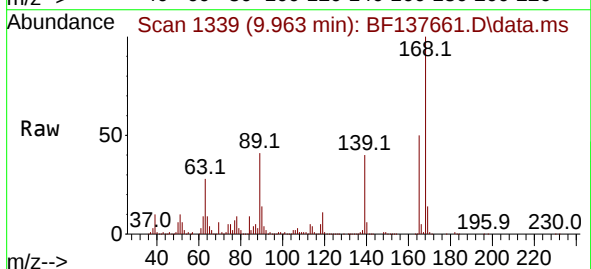
APPROVED

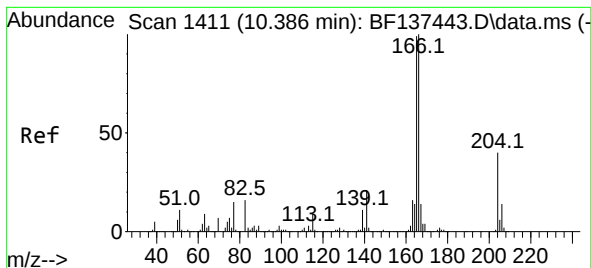
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#57
2,4-Dinitrotoluene
Concen: 45.523 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion:165 Resp: 326837
Ion Ratio Lower Upper
165 100
63 55.5 39.0 58.6
89 82.2 60.9 91.3
182 2.7 2.2 3.2





#58

Fluorene

Concen: 42.430 ng

RT: 10.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

Tgt Ion:166 Resp: 106201

Ion Ratio Lower Upper

166 100

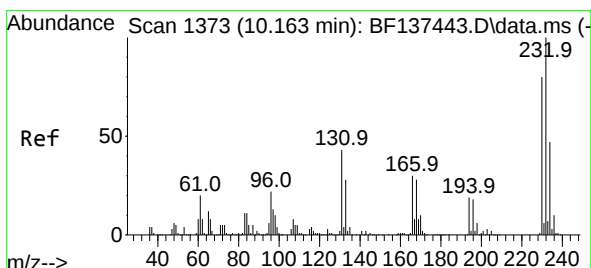
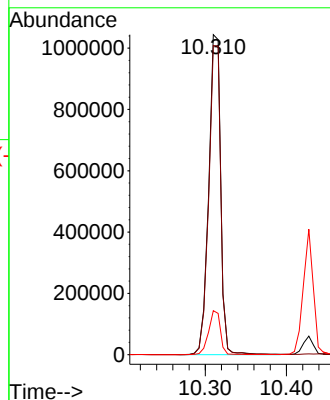
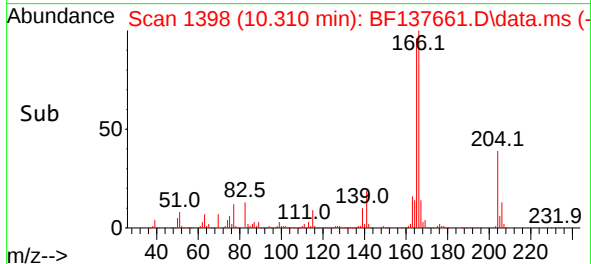
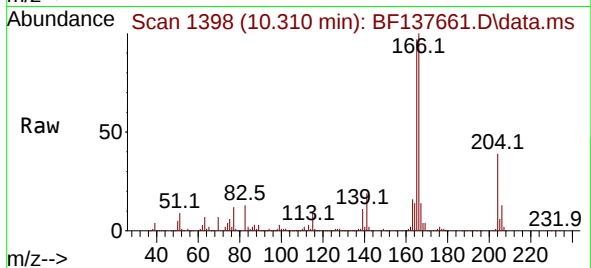
165 96.6 79.2 118.8

167 13.8 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 45.568 ng

RT: 10.092 min Scan# 1361

Delta R.T. 0.006 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

Tgt Ion:232 Resp: 307153

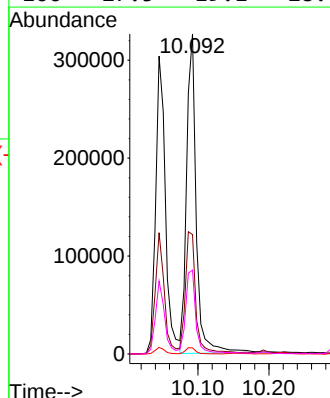
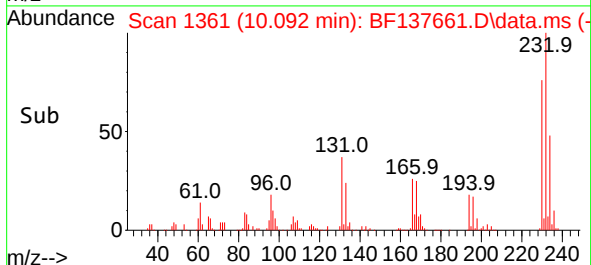
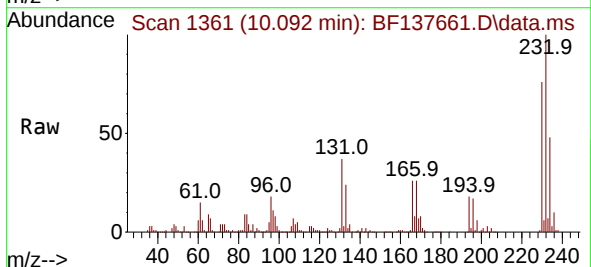
Ion Ratio Lower Upper

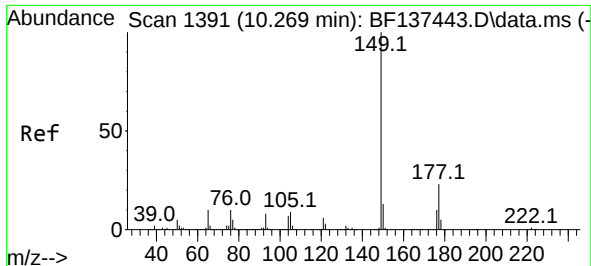
232 100

131 40.5 31.2 46.8

130 2.2 1.8 2.6

166 27.5 19.1 28.7





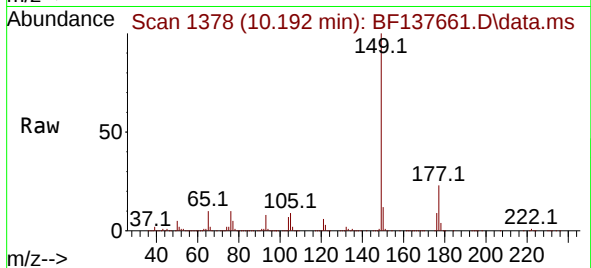
#60
Diethylphthalate
Concen: 44.284 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

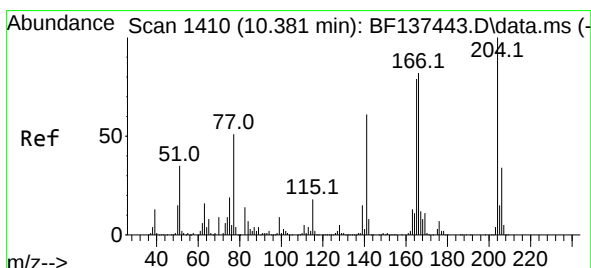
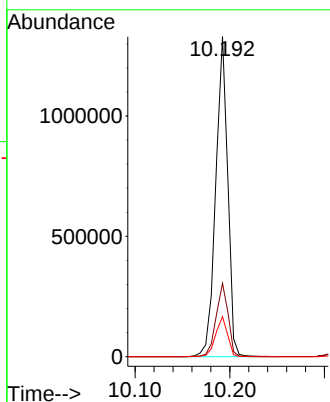
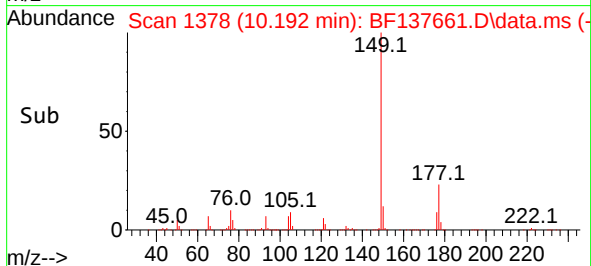


Tgt Ion:149 Resp: 1168394
Ion Ratio Lower Upper
149 100
177 23.0 18.7 28.1
150 12.5 10.2 15.4

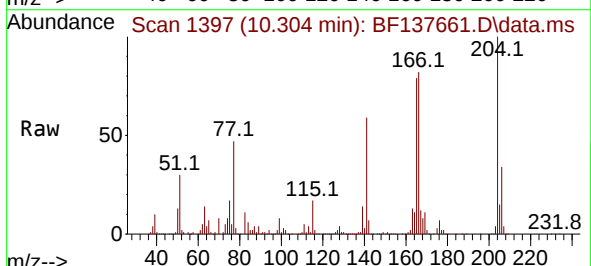
Manual Integrations

APPROVED

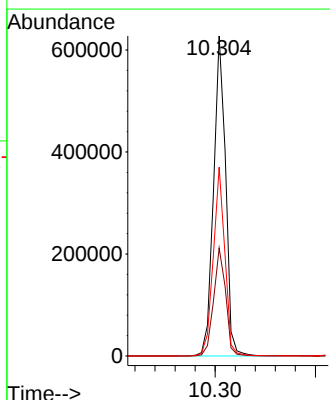
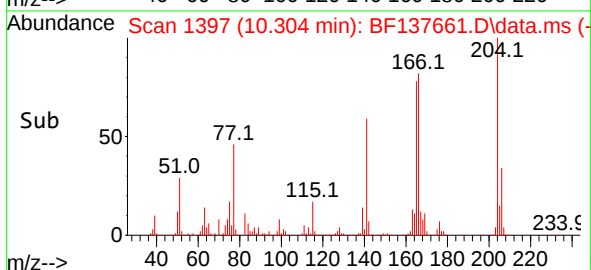
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

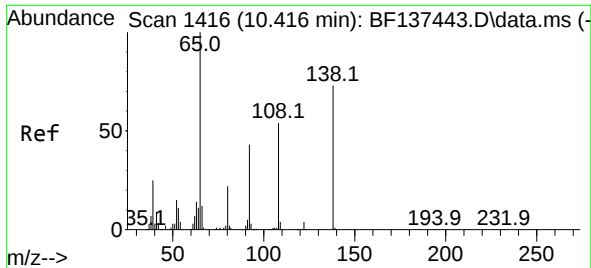


#61
4-Chlorophenyl-phenylether
Concen: 42.594 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21



Tgt Ion:204 Resp: 522506
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.0
141 59.0 48.4 72.6





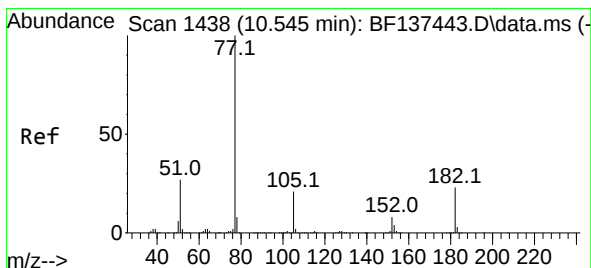
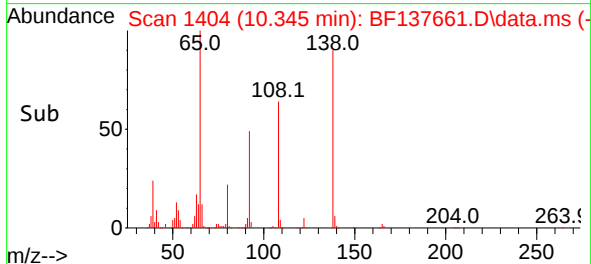
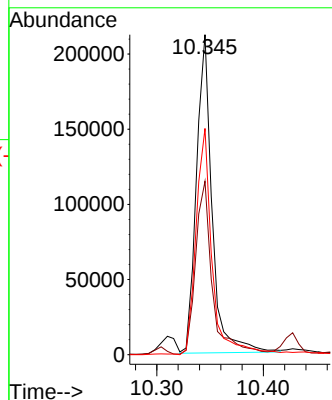
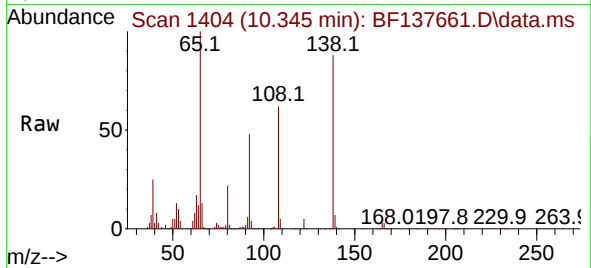
#62
4-Nitroaniline
Concen: 40.730 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :
BNA_F
ClientSampleId :
PB159709BS

Tgt Ion:138 Resp: 216380
Ion Ratio Lower Upper
138 100
92 54.2 37.9 77.9
108 70.7 53.2 93.2

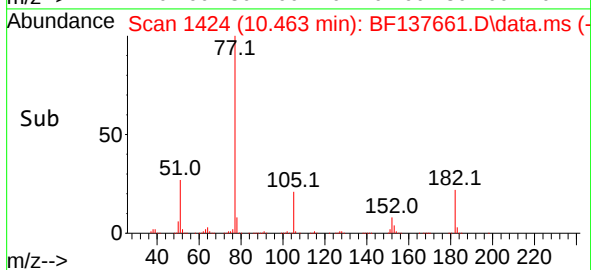
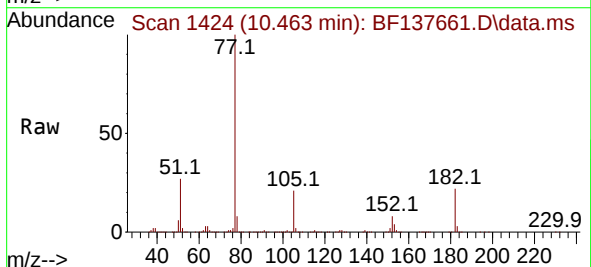
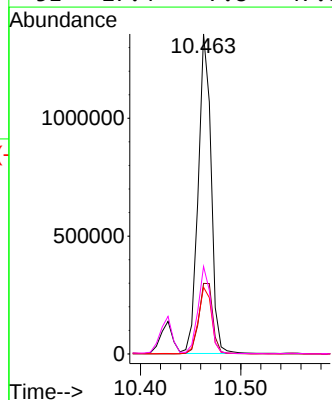
Manual Integrations
APPROVED

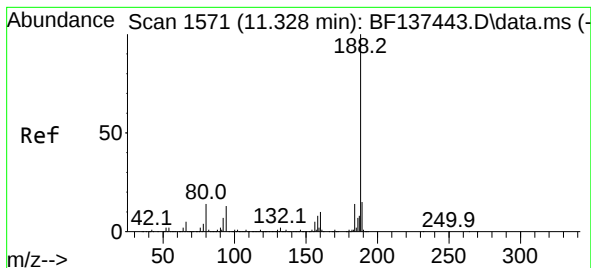
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#63
Azobenzene
Concen: 40.055 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

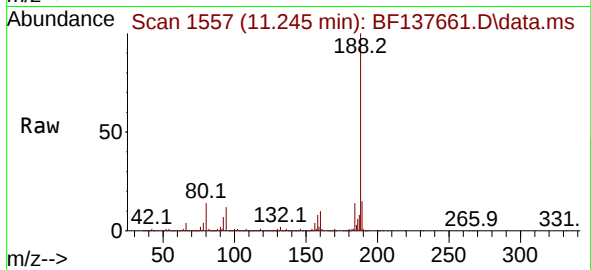
Tgt Ion: 77 Resp: 1216933
Ion Ratio Lower Upper
77 100
182 22.1 3.2 43.2
105 20.9 1.2 41.2
51 27.4 7.8 47.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

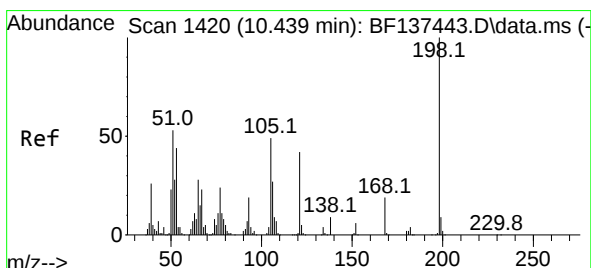
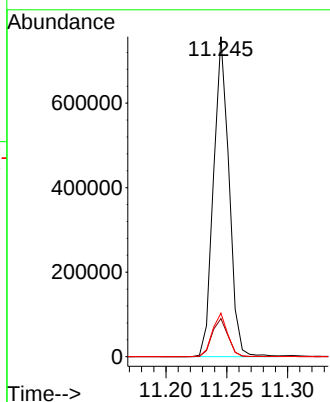
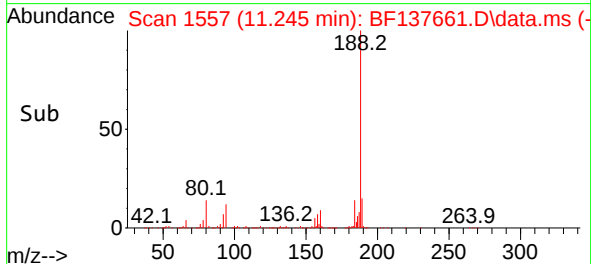
Instrument :
BNA_F
ClientSampleId :
PB159709BS



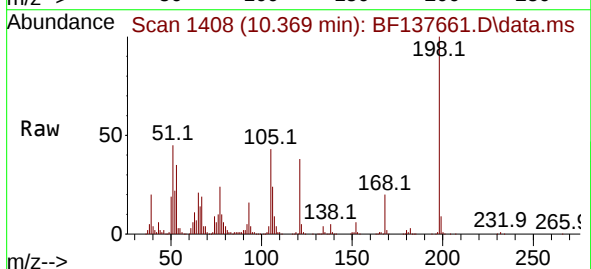
Tgt Ion:188 Resp: 67218
Ion Ratio Lower Upper
188 100
94 11.9 10.6 15.8
80 13.6 11.5 17.3

Manual Integrations
APPROVED

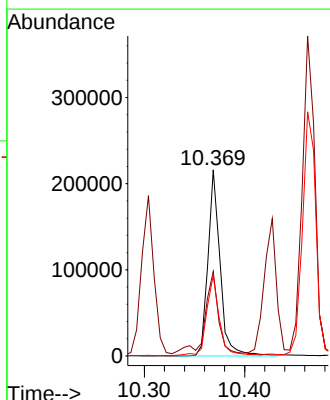
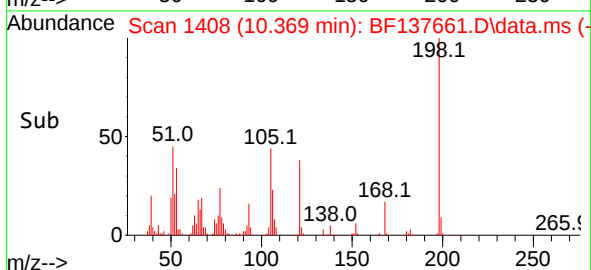
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

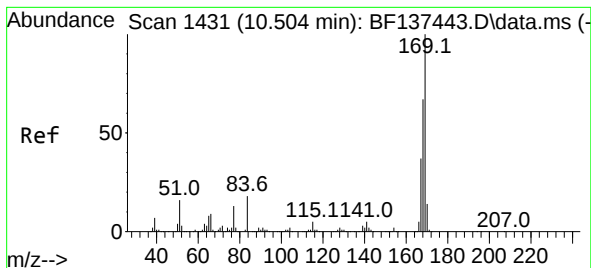


#65
4,6-Dinitro-2-methylphenol
Concen: 48.861 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21



Tgt Ion:198 Resp: 183053
Ion Ratio Lower Upper
198 100
51 45.4 37.2 77.2
105 43.4 29.2 69.2





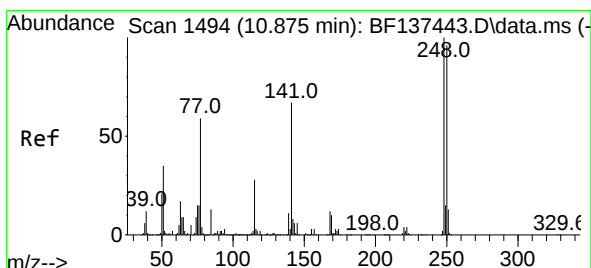
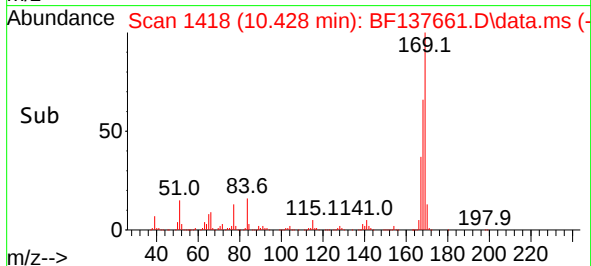
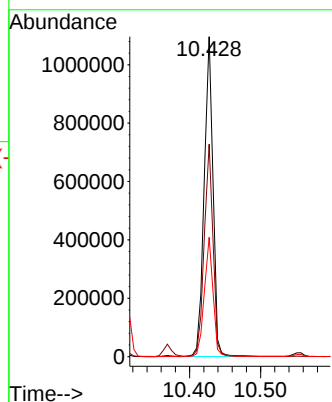
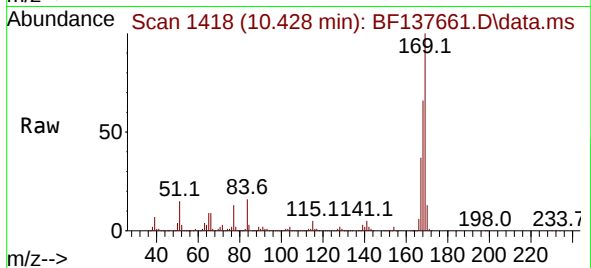
#66
n-Nitrosodiphenylamine
Concen: 43.919 ng
RT: 10.428 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :
BNA_F
ClientSampleId :
PB159709BS

Tgt Ion:169 Resp: 950630
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 37.3 29.6 44.4

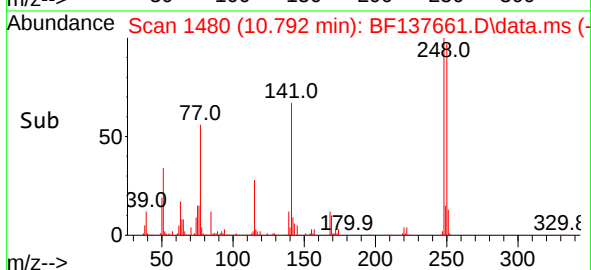
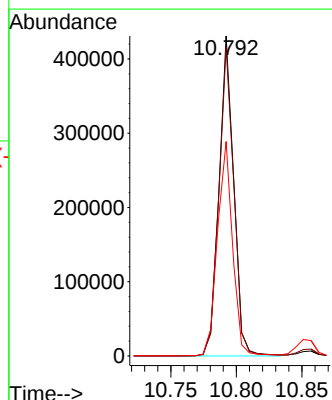
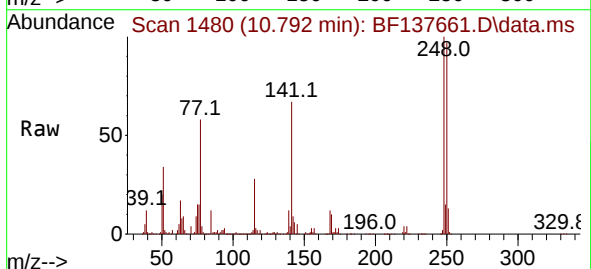
Manual Integrations
APPROVED

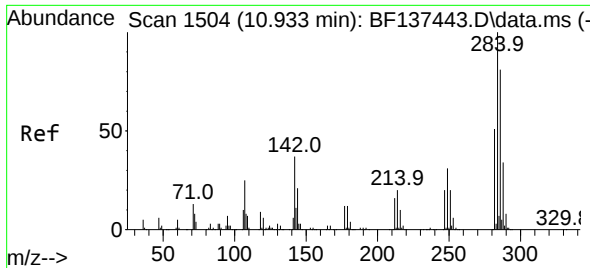
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#67
4-Bromophenyl-phenylether
Concen: 46.045 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

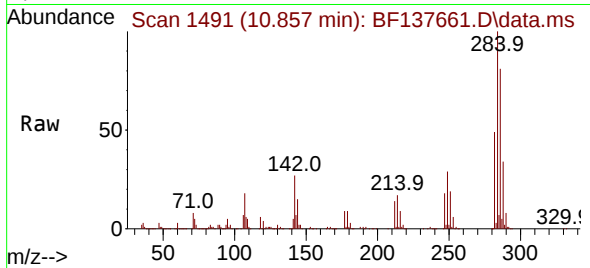
Tgt Ion:248 Resp: 337109
Ion Ratio Lower Upper
248 100
250 96.5 76.8 115.2
141 67.0 53.4 80.0





#68
Hexachlorobenzene
Concen: 50.305 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

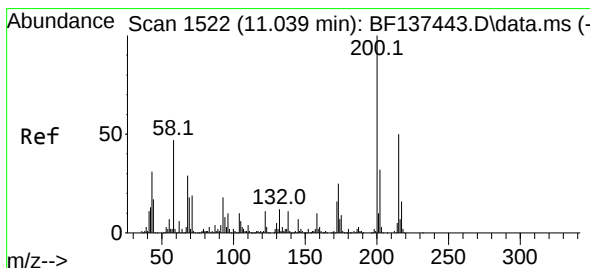
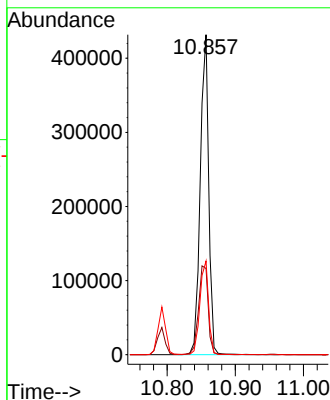
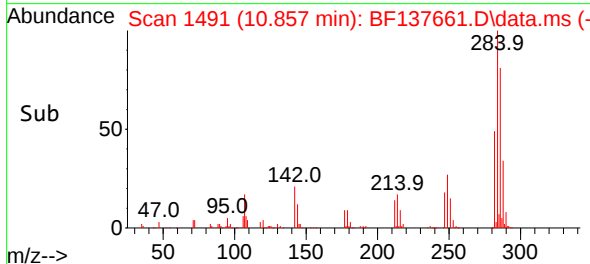
Instrument :
BNA_F
ClientSampleId :
PB159709BS



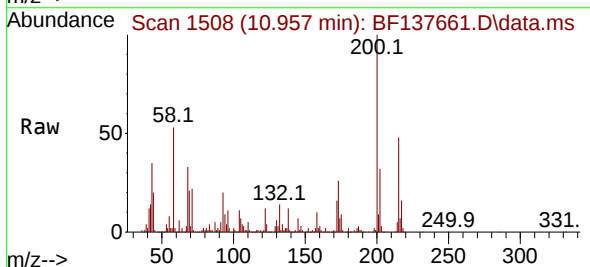
Tgt Ion:284 Resp: 371989
Ion Ratio Lower Upper
284 100
142 26.9 29.4 44.0
249 29.2 25.0 37.4

Manual Integrations
APPROVED

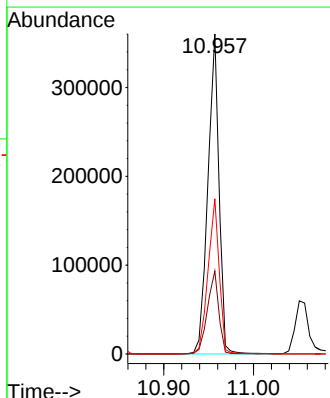
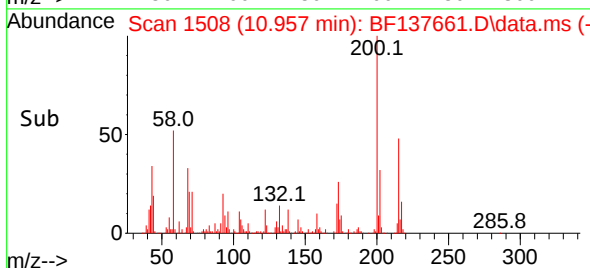
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

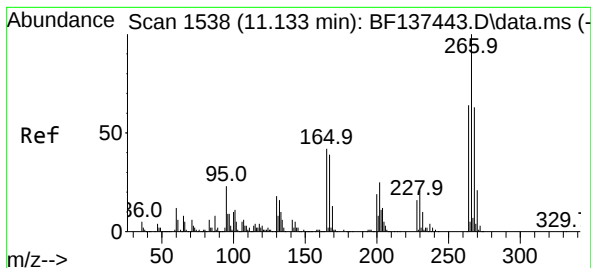


#69
Atrazine
Concen: 47.261 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21



Tgt Ion:200 Resp: 310984
Ion Ratio Lower Upper
200 100
173 26.0 5.1 45.1
215 48.5 30.4 70.4





#70

Pentachlorophenol

Concen: 83.773 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.012 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

Tgt Ion:266 Resp: 374479

Ion Ratio Lower Upper

266 100

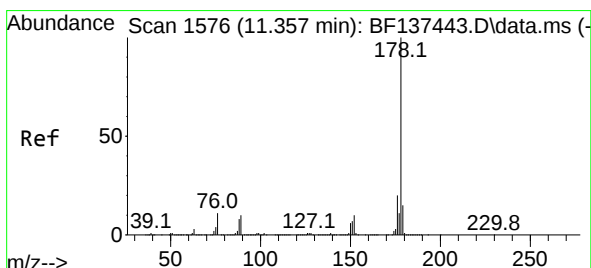
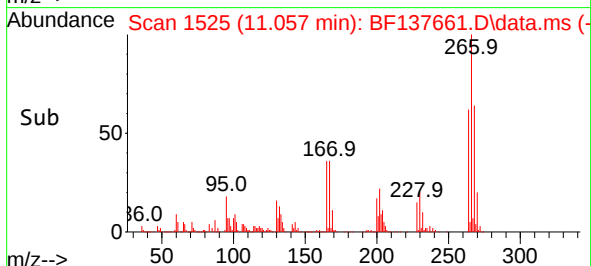
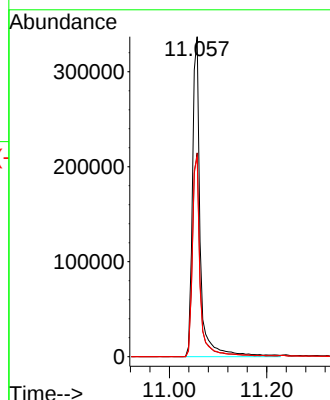
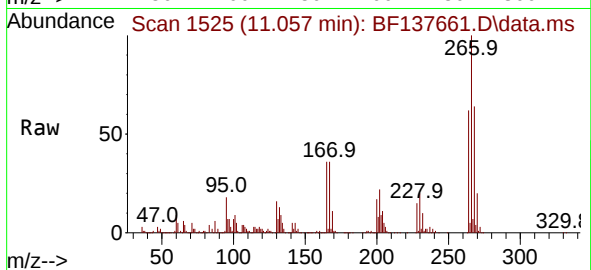
268 63.7 50.2 75.2

264 62.4 50.9 76.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#71

Phenanthrene

Concen: 42.219 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.006 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

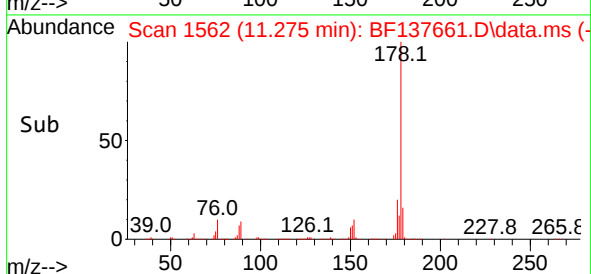
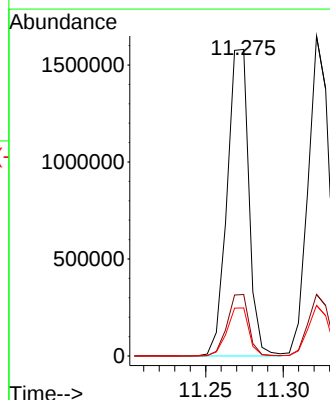
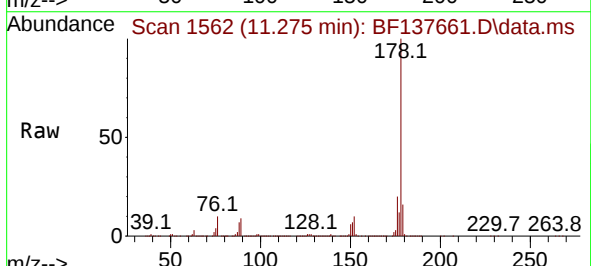
Tgt Ion:178 Resp: 1544429

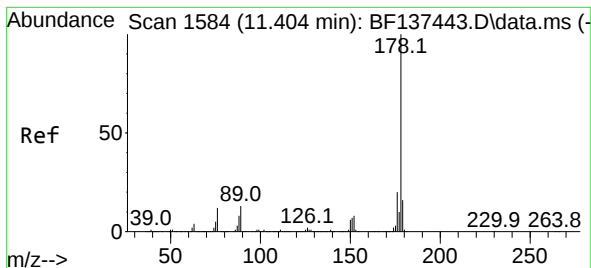
Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

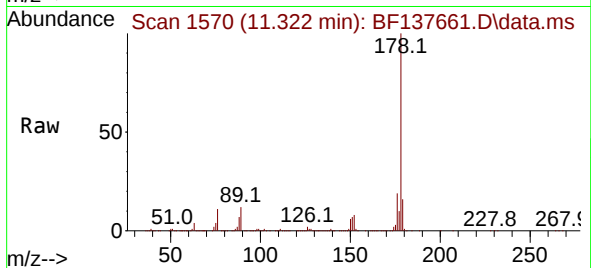
179 15.7 12.2 18.2





#72
 Anthracene
 Concen: 42.101 ng
 RT: 11.322 min Scan# 1570
 Delta R.T. 0.006 min
 Lab File: BF137661.D
 Acq: 21 Mar 2024 15:21

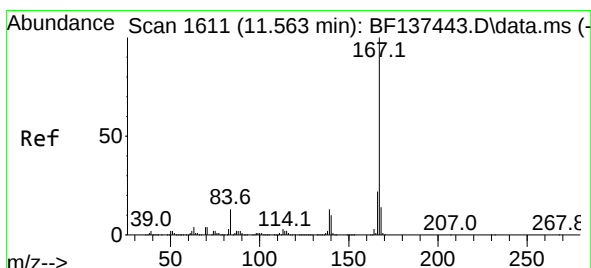
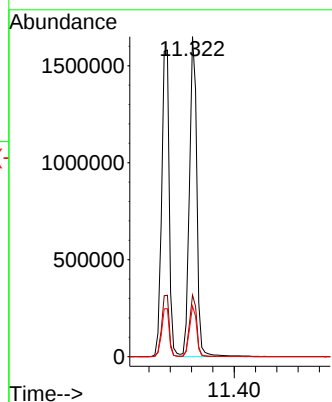
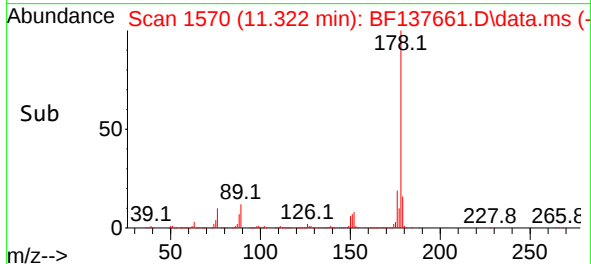
Instrument :
 BNA_F
 ClientSampleId :
 PB159709BS



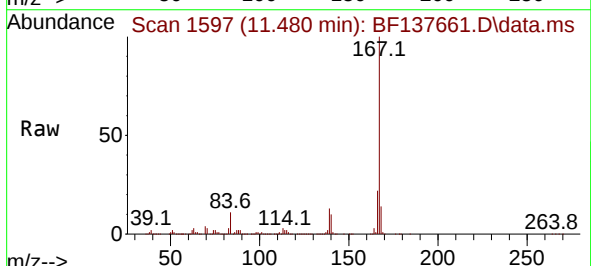
Tgt Ion:178 Resp: 1581789
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.7 23.5
 179 15.8 12.7 19.1

Manual Integrations
 APPROVED

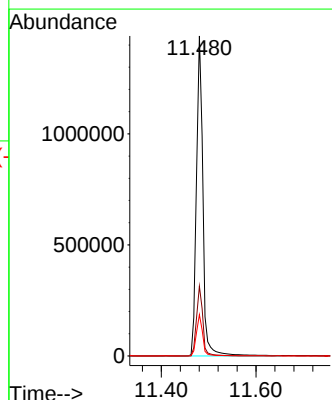
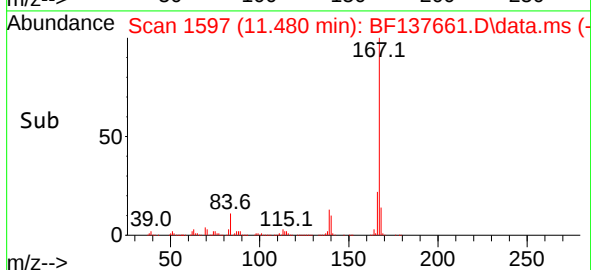
Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024

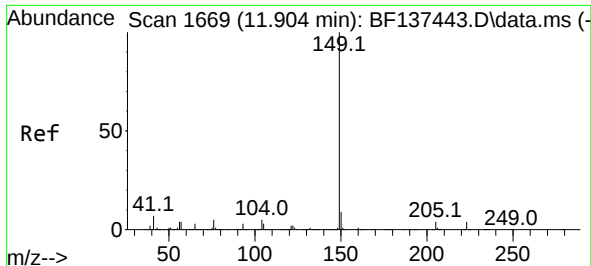


#73
 Carbazole
 Concen: 42.723 ng
 RT: 11.480 min Scan# 1597
 Delta R.T. 0.006 min
 Lab File: BF137661.D
 Acq: 21 Mar 2024 15:21



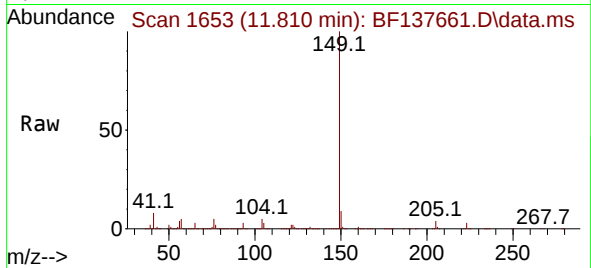
Tgt Ion:167 Resp: 1374929
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 12.9 10.5 15.7





#74
Di-n-butylphthalate
Concen: 44.340 ng
RT: 11.810 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

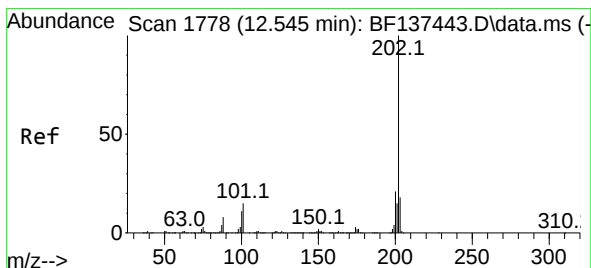
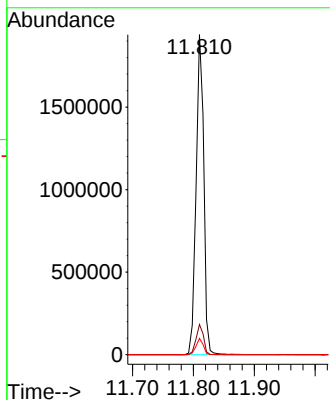
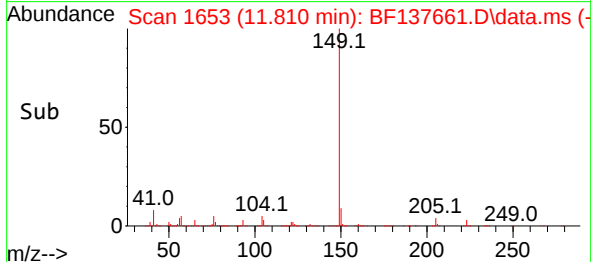
Instrument :
BNA_F
ClientSampleId :
PB159709BS



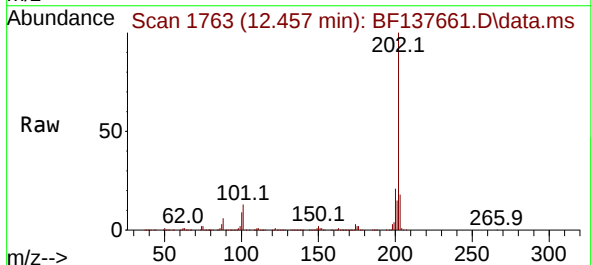
Tgt Ion:149 Resp: 1697772
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.1 3.8 5.6

Manual Integrations
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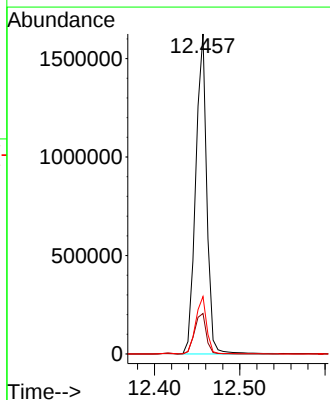
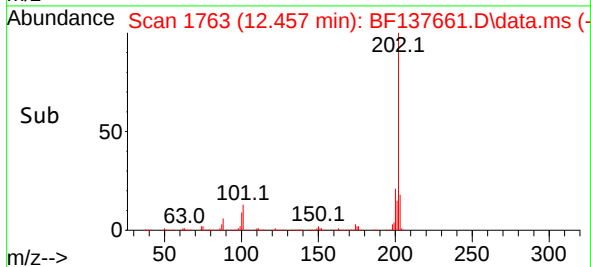
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

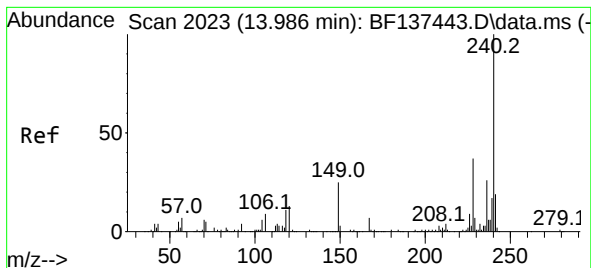


#75
Fluoranthene
Concen: 40.996 ng
RT: 12.457 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21



Tgt Ion:202 Resp: 1465937
Ion Ratio Lower Upper
202 100
101 12.6 0.0 35.0
203 18.0 0.0 37.7





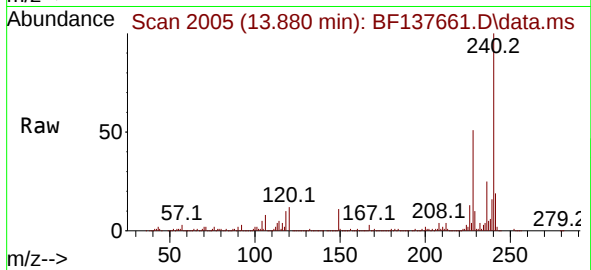
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

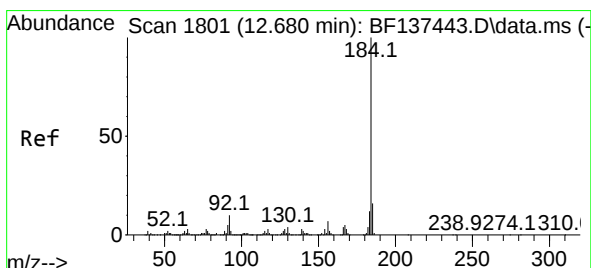
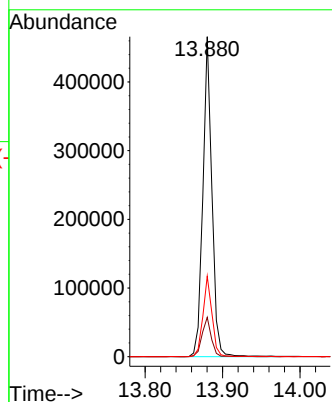
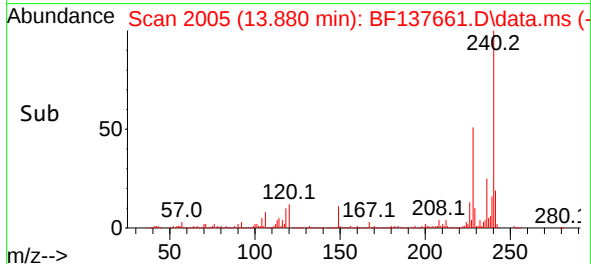


Tgt Ion:240 Resp: 377607
Ion Ratio Lower Upper
240 100
120 12.3 10.4 15.6
236 25.2 20.9 31.3

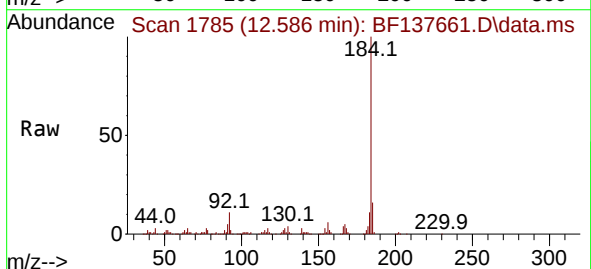
Manual Integrations

APPROVED

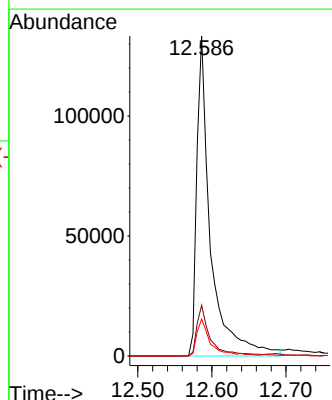
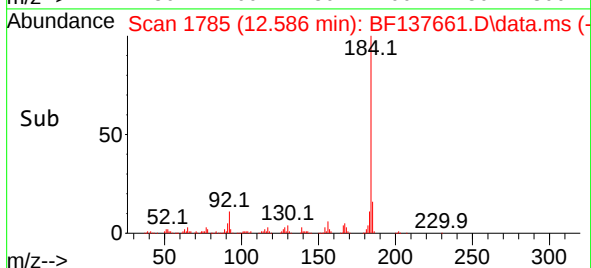
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

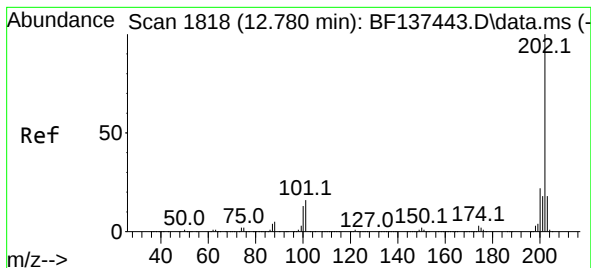


#77
Benzidine
Concen: 18.638 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21



Tgt Ion:184 Resp: 172231
Ion Ratio Lower Upper
184 100
185 15.9 13.2 19.8
183 11.5 9.3 13.9





#78

Pyrene

Concen: 40.018 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.006 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

Tgt Ion:202 Resp: 1482730

Ion Ratio Lower Upper

202 100

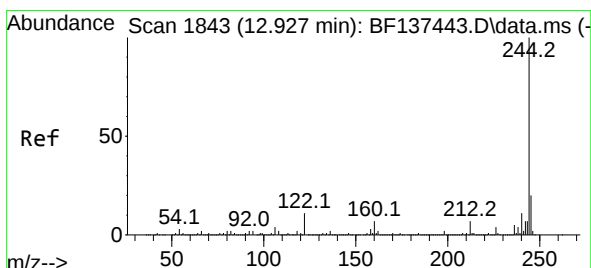
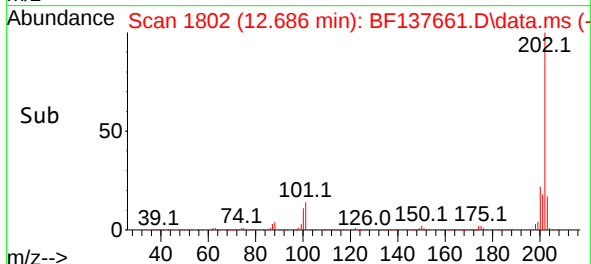
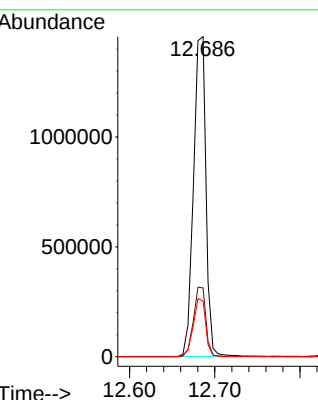
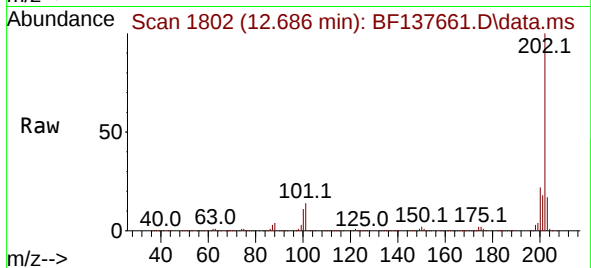
200 21.5 17.4 26.2

203 17.4 14.1 21.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#79

Terphenyl-d14

Concen: 80.391 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

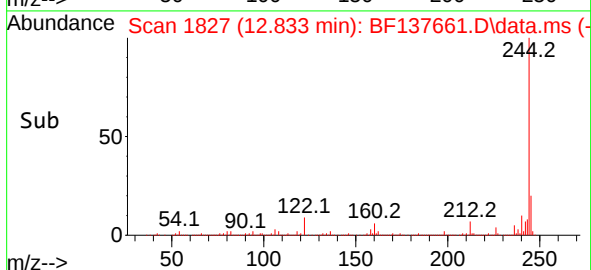
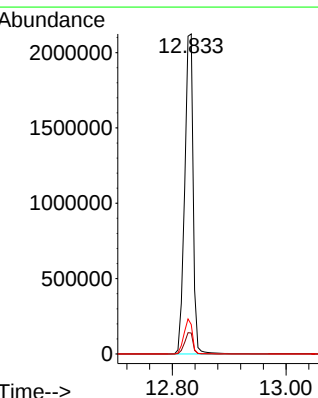
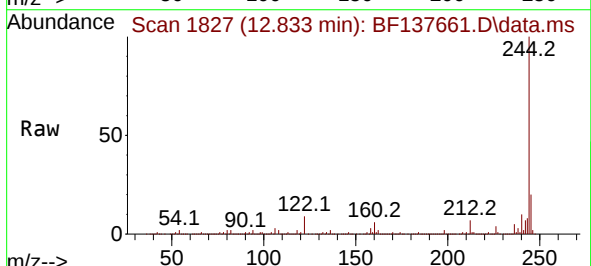
Tgt Ion:244 Resp: 2207542

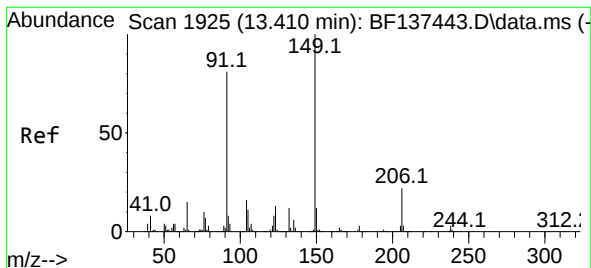
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 9.2 9.1 13.7





#80

Butylbenzylphthalate

Concen: 58.261 ng

RT: 13.304 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

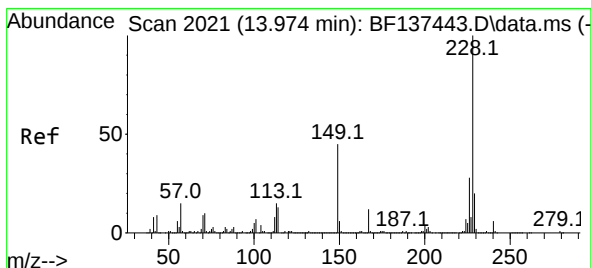
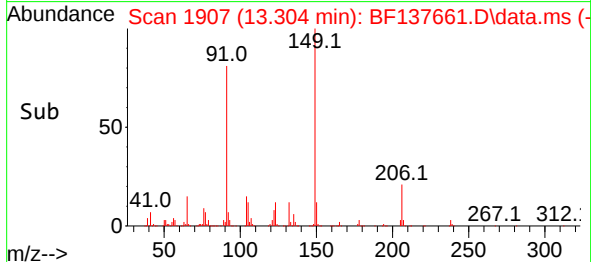
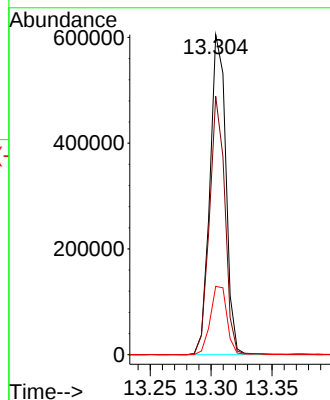
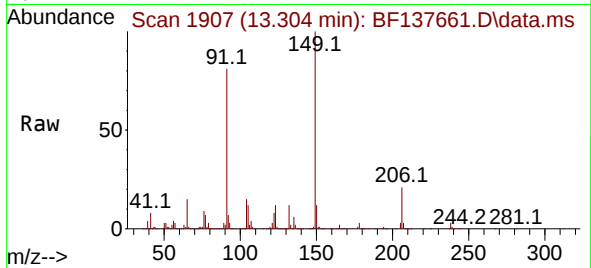
PB159709BS

Tgt Ion:	149	Resp:	55129
Ion Ratio	Lower	Upper	
149	100		
91	80.7	64.7	97.1
206	21.4	17.5	26.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#81

Benzo(a)anthracene

Concen: 42.092 ng

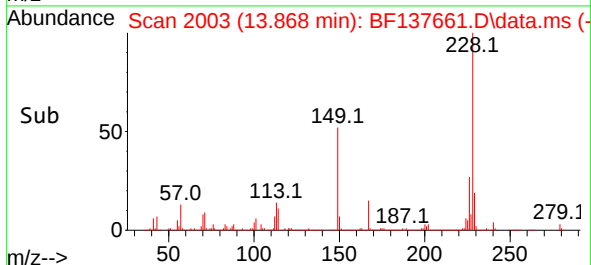
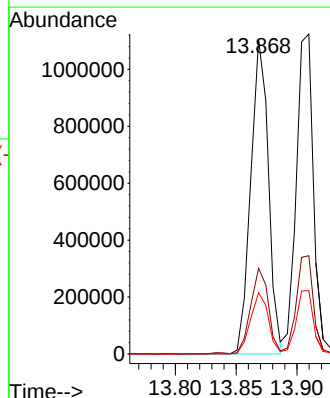
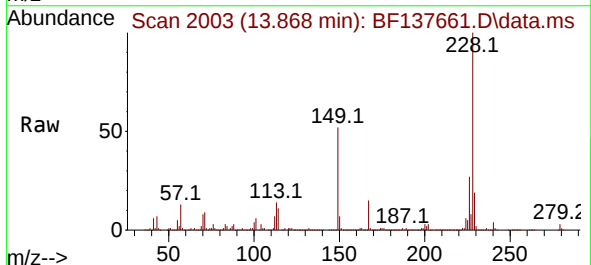
RT: 13.868 min Scan# 2003

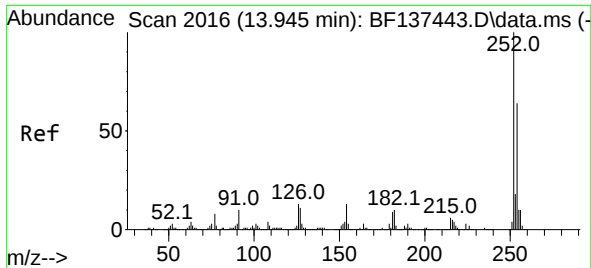
Delta R.T. -0.000 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

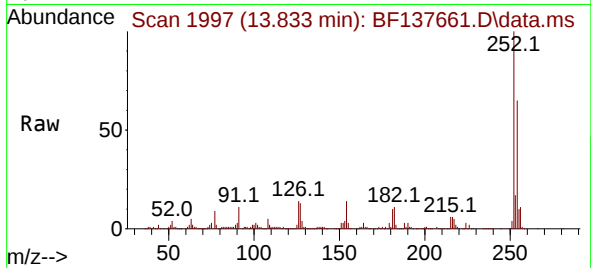
Tgt Ion:	228	Resp:	1114020
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.3	33.5
229	19.5	16.3	24.5





#82
3,3'-Dichlorobenzidine
Concen: 34.011 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

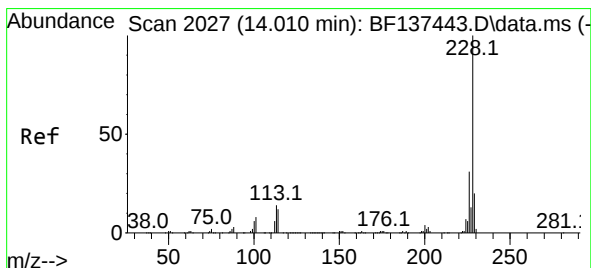
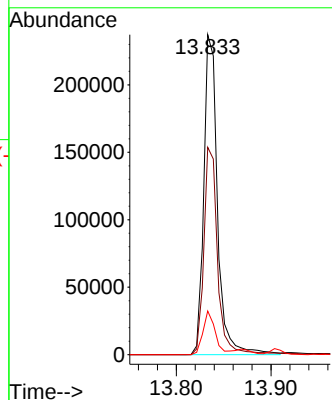
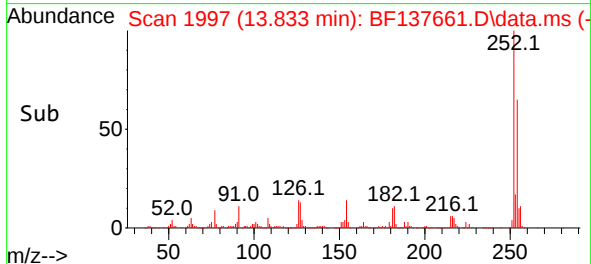
Instrument :
BNA_F
ClientSampleId :
PB159709BS



Tgt Ion:252 Resp: 239710
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.2
126 13.6 10.4 15.6

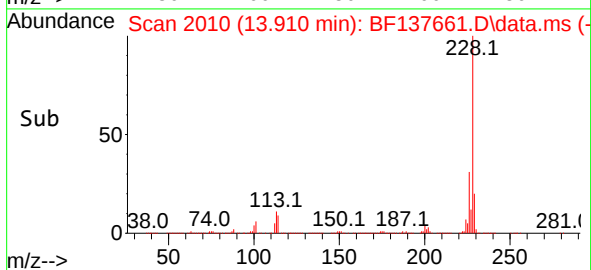
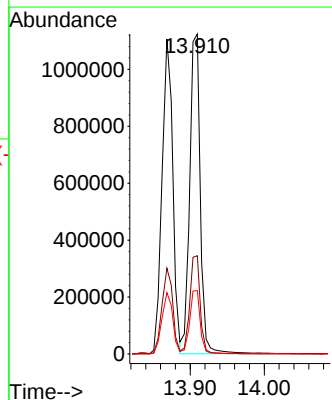
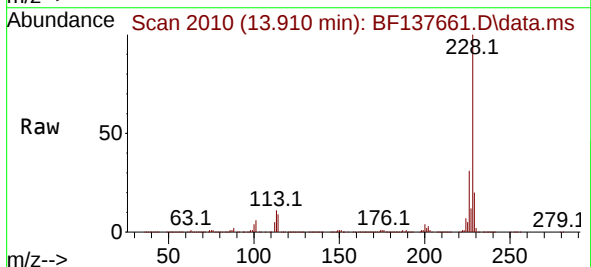
Manual Integrations
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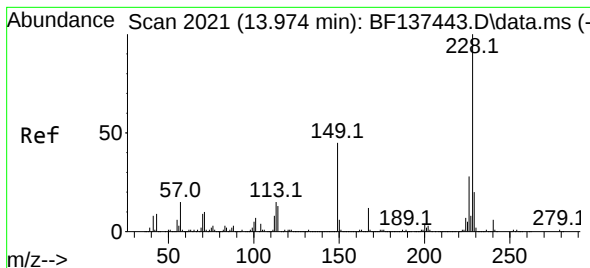
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#83
Chrysene
Concen: 41.849 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion:228 Resp: 1119419
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 19.8 15.9 23.9





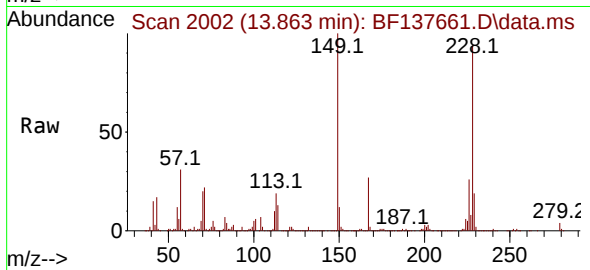
#84
Bis(2-ethylhexyl)phthalate
Concen: 58.917 ng
RT: 13.863 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

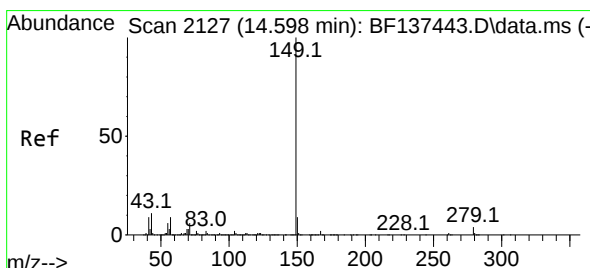
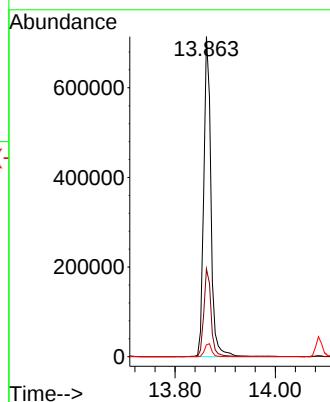
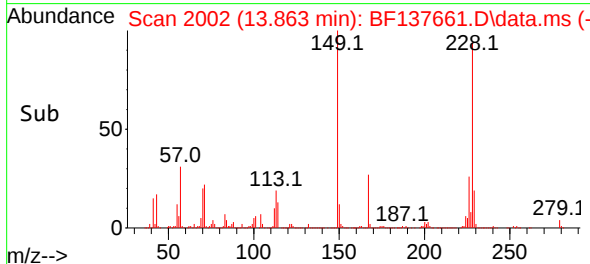


Tgt Ion:149 Resp: 708600
Ion Ratio Lower Upper
149 100
167 27.5 21.3 31.9
279 3.7 2.6 4.0

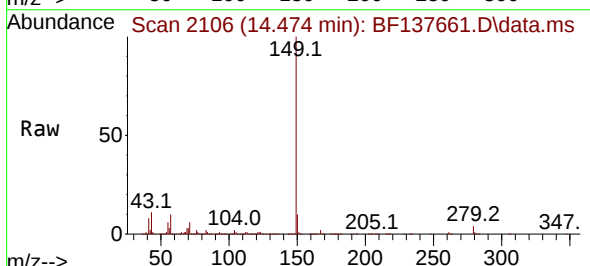
Manual Integrations

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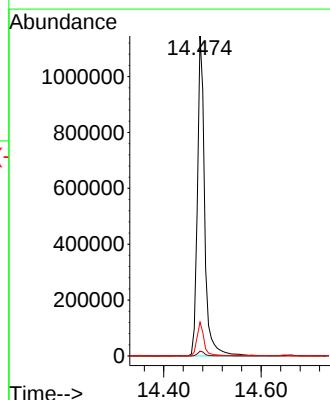
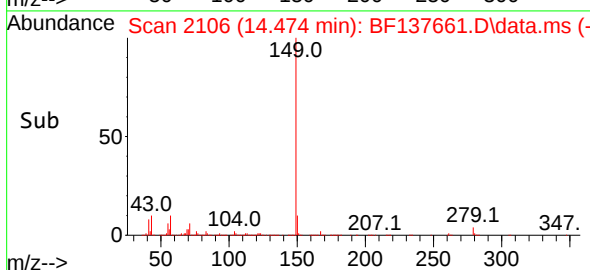
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

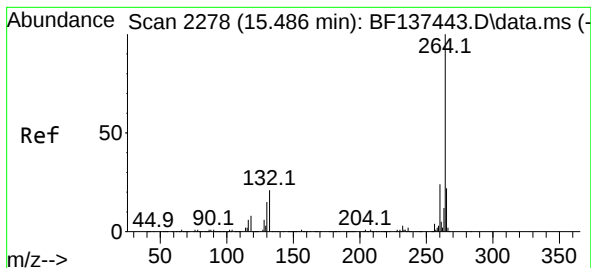


#85
Di-n-octyl phthalate
Concen: 51.210 ng
RT: 14.474 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21



Tgt Ion:149 Resp: 1196854
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

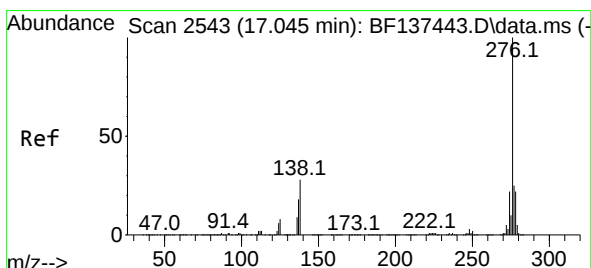
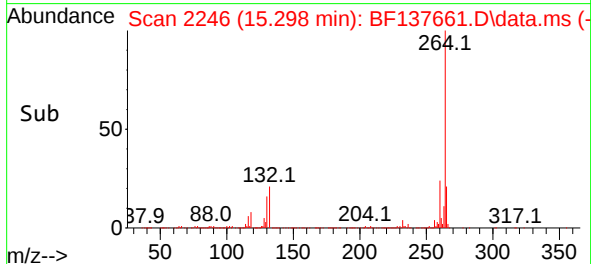
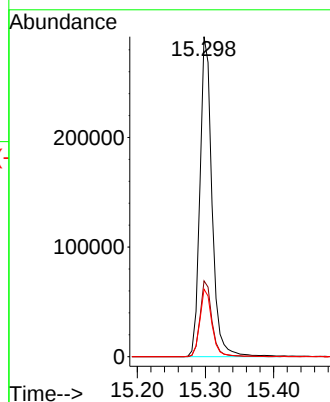
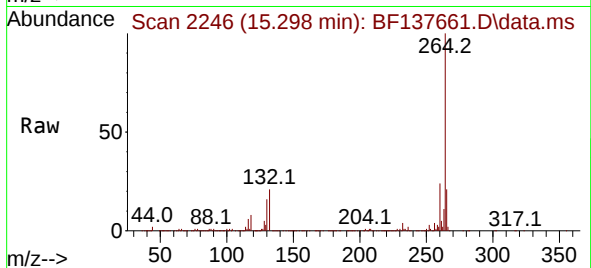
Tgt Ion:264 Resp: 359324

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.1	17.4	26.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 44.031 ng

RT: 16.698 min Scan# 2484

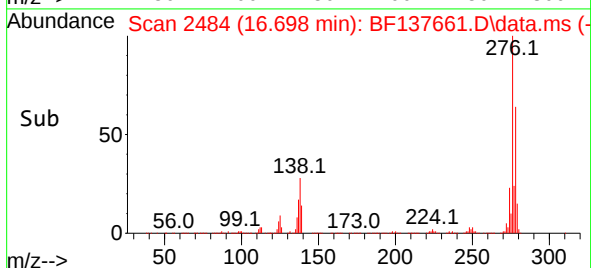
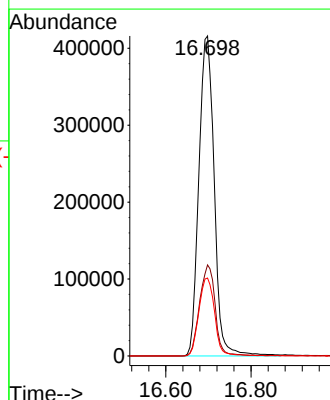
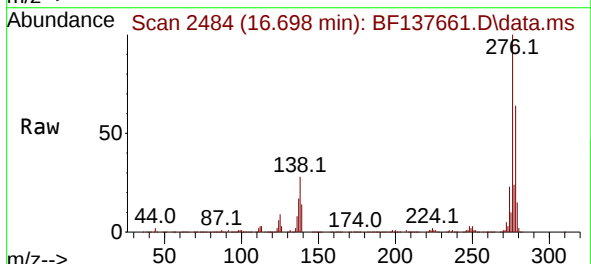
Delta R.T. 0.012 min

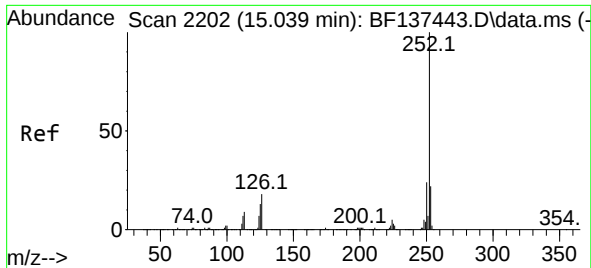
Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

Tgt Ion:276 Resp: 1041146

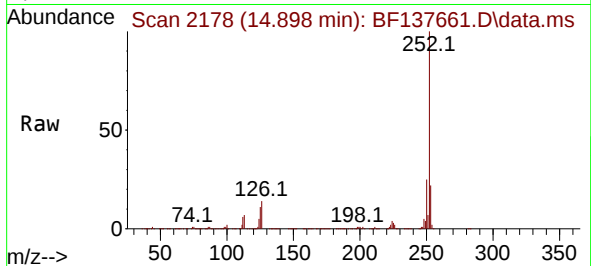
Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.8	38.8
277	24.9	20.2	30.2





#88
Benzo(b)fluoranthene
Concen: 48.146 ng
RT: 14.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

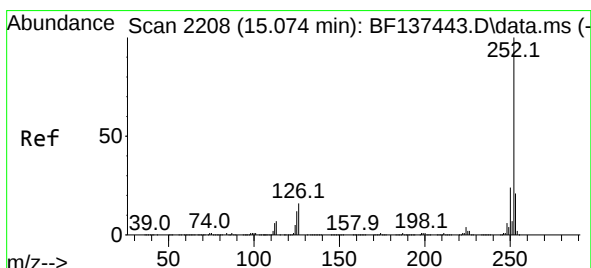
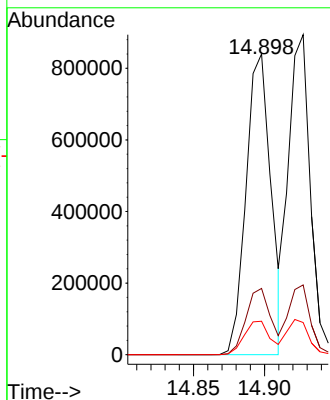
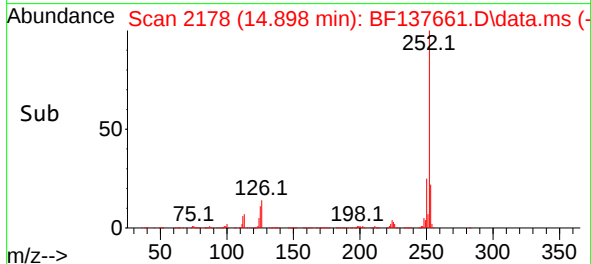
Instrument :
BNA_F
ClientSampleId :
PB159709BS



Tgt Ion:252 Resp: 102336
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 11.1 10.1 15.1

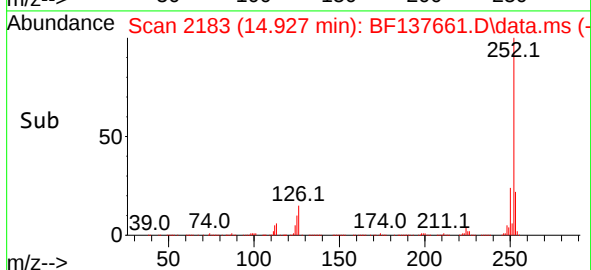
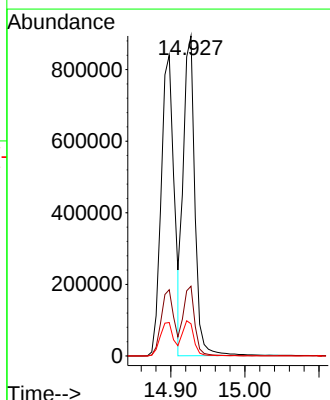
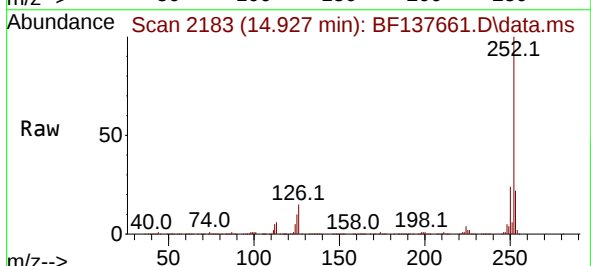
Manual Integrations
APPROVED

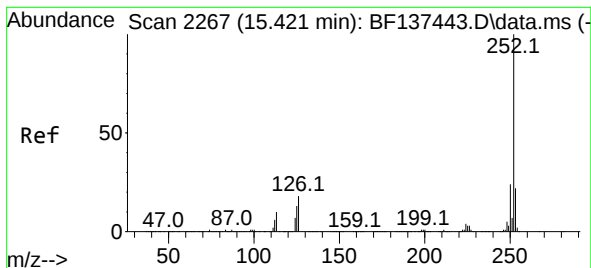
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#89
Benzo(k)fluoranthene
Concen: 42.598 ng
RT: 14.927 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BF137661.D
Acq: 21 Mar 2024 15:21

Tgt Ion:252 Resp: 972518
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.0 9.6 14.4





#90

Benzo(a)pyrene

Concen: 42.665 ng

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS

Tgt Ion:252 Resp: 893659

Ion Ratio Lower Upper

252 100

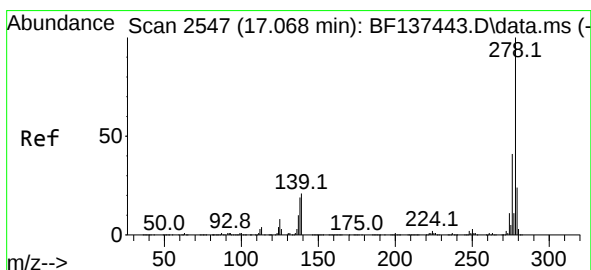
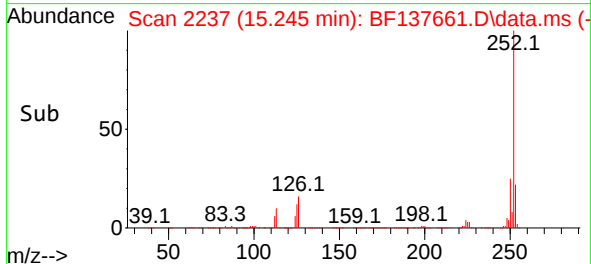
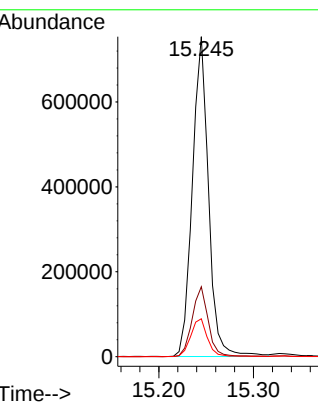
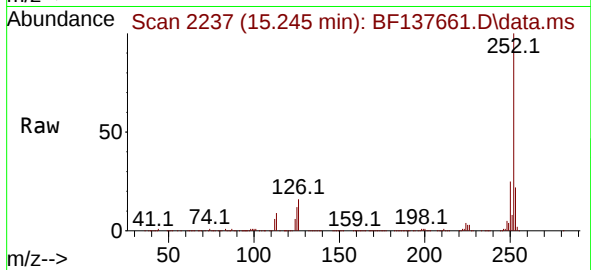
253 21.9 17.4 26.2

125 11.9 10.4 15.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#91

Dibenzo(a,h)anthracene

Concen: 43.893 ng

RT: 16.709 min Scan# 2486

Delta R.T. 0.012 min

Lab File: BF137661.D

Acq: 21 Mar 2024 15:21

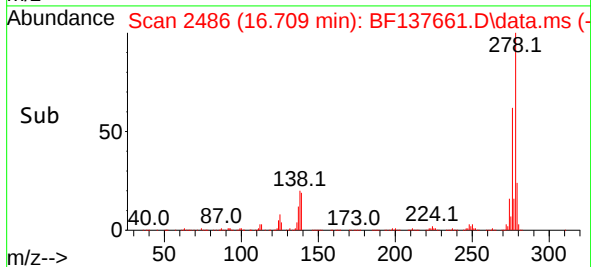
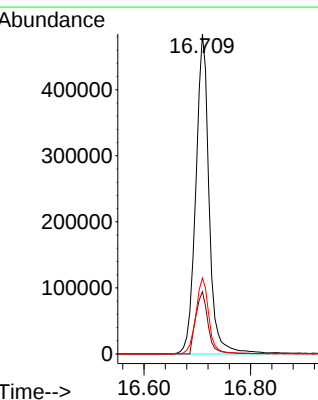
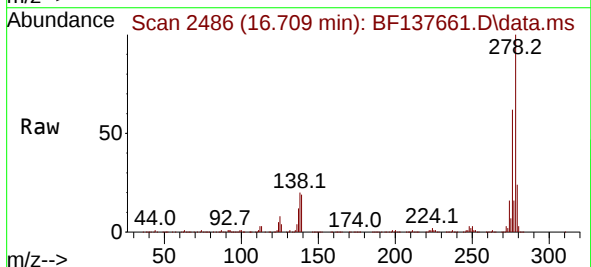
Tgt Ion:278 Resp: 841948

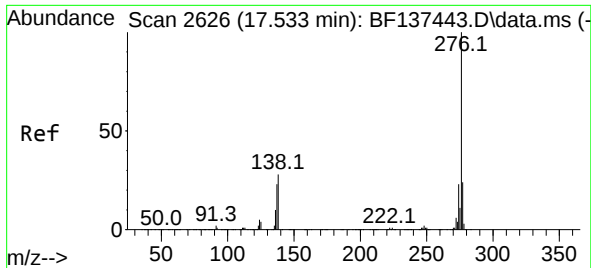
Ion Ratio Lower Upper

278 100

139 19.5 17.0 25.6

279 23.8 18.8 28.2





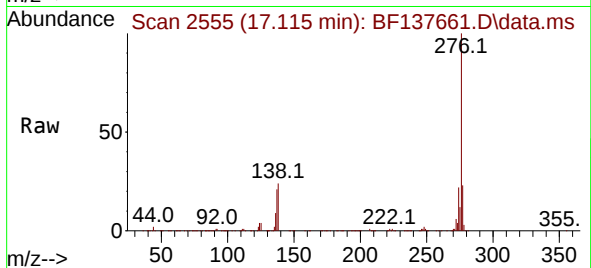
#92
 Benzo(g,h,i)perylene
 Concen: 43.377 ng
 RT: 17.115 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF137661.D
 Acq: 21 Mar 2024 15:21

Instrument :

BNA_F

ClientSampleId :

PB159709BS



Tgt Ion:276 Resp: 85449
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.0 28.4
 138 24.1 22.2 33.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024

