

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137740.D
 Acq On : 26 Apr 2024 17:53
 Operator : CG\JU
 Sample : P2271-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MS

Quant Time: Apr 26 18:39:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	245985	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	986748	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	536788	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	866162	20.000	ng	0.00
76) Chrysene-d12	14.251	240	425029	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	521307	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1622283	100.181	ng	0.00
7) Phenol-d6	6.675	99	2036034	99.010	ng	0.00
23) Nitrobenzene-d5	7.622	82	1249407	67.213	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	573872	105.947	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2358850	65.661	ng	0.00
79) Terphenyl-d14	13.186	244	2208916	83.650	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	237053	32.692	ng	98
3) Pyridine	3.793	79	609256	31.541	ng	98
4) n-Nitrosodimethylamine	3.746	42	346640	38.452	ng	# 96
6) Aniline	6.722	93	720794	28.162	ng	98
8) 2-Chlorophenol	6.845	128	725843	42.939	ng	99
9) Benzaldehyde	6.616	77	541566	46.927	ng	97
10) Phenol	6.687	94	868048	42.254	ng	96
11) bis(2-Chloroethyl)ether	6.793	93	673818	40.212	ng	100
12) 1,3-Dichlorobenzene	7.004	146	749168	42.261	ng	97
13) 1,4-Dichlorobenzene	7.081	146	760913	42.635	ng	98
14) 1,2-Dichlorobenzene	7.234	146	729928	43.938	ng	98
15) Benzyl Alcohol	7.192	79	605554	39.364	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.322	45	1000483	38.824	ng	99
17) 2-Methylphenol	7.298	107	566461	37.717	ng	99
18) Hexachloroethane	7.575	117	270751	42.864	ng	97
19) n-Nitroso-di-n-propyla...	7.469	70	504739	37.958	ng	98
20) 3+4-Methylphenols	7.451	107	743480	38.329	ng	93
22) Acetophenone	7.469	105	983665	40.757	ng	99
24) Nitrobenzene	7.645	77	745141	39.677	ng	99
25) Isophorone	7.881	82	1358125	39.339	ng	99
26) 2-Nitrophenol	7.957	139	375418	45.552	ng	97
27) 2,4-Dimethylphenol	7.981	122	543137	32.666	ng	98
28) bis(2-Chloroethoxy)met...	8.087	93	822248	38.994	ng	99
29) 2,4-Dichlorophenol	8.192	162	609219	41.807	ng	98
30) 1,2,4-Trichlorobenzene	8.287	180	627052	42.217	ng	97
31) Naphthalene	8.369	128	2049634	40.705	ng	100
32) Benzoic acid	8.087	122	446495	42.410	ng	98
33) 4-Chloroaniline	8.410	127	280718	13.171	ng	97
34) Hexachlorobutadiene	8.481	225	373626	41.960	ng	98
35) Caprolactam	8.781	113	193778m	41.130	ng	
36) 4-Chloro-3-methylphenol	8.881	107	627965	40.630	ng	97
37) 2-Methylnaphthalene	9.057	142	1348892	39.030	ng	99
38) 1-Methylnaphthalene	9.163	142	1255469	38.854	ng	99
40) 1,2,4,5-Tetrachloroben...	9.222	216	624225	42.417	ng	99
41) Hexachlorocyclopentadiene	9.210	237	737179	89.402	ng	99
43) 2,4,6-Trichlorophenol	9.334	196	441711	42.786	ng	100

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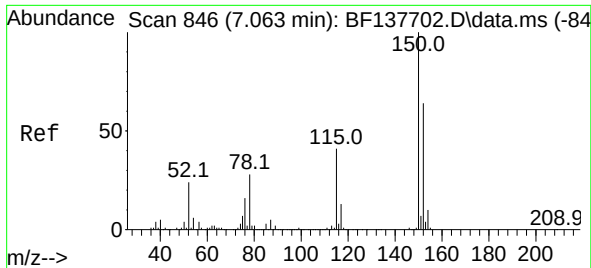
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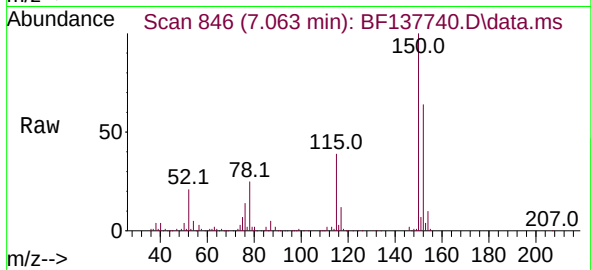
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	463551	39.179	ng	98
46) 1,1'-Biphenyl	9.522	154	1640777	42.017	ng	98
47) 2-Chloronaphthalene	9.551	162	1267998	42.123	ng	99
48) 2-Nitroaniline	9.645	65	380884	41.523	ng	89
49) Acenaphthylene	9.975	152	1998628	42.575	ng	99
50) Dimethylphthalate	9.822	163	1517687	40.581	ng	100
51) 2,6-Dinitrotoluene	9.886	165	335978	42.637	ng	# 83
52) Acenaphthene	10.145	154	1324847	43.585	ng	98
53) 3-Nitroaniline	10.051	138	223313	25.218	ng	95
54) 2,4-Dinitrophenol	10.157	184	330834	79.089	ng	# 49
55) Dibenzofuran	10.316	168	1804548	40.500	ng	99
56) 4-Nitrophenol	10.210	139	472778	68.653	ng	93
57) 2,4-Dinitrotoluene	10.292	165	446379	44.934	ng	89
58) Fluorene	10.663	166	1421485	40.829	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.428	232	382516	41.752	ng	97
60) Diethylphthalate	10.522	149	1435130	39.896	ng	99
61) 4-Chlorophenyl-phenyle...	10.651	204	699928	40.687	ng	94
62) 4-Nitroaniline	10.675	138	319175	37.841	ng	98
63) Azobenzene	10.810	77	1427695	38.732	ng	95
65) 4,6-Dinitro-2-methylph...	10.698	198	235342	47.388	ng	78
66) n-Nitrosodiphenylamine	10.769	169	1239736	42.260	ng	100
67) 4-Bromophenyl-phenylether	11.139	248	435326	43.374	ng	98
68) Hexachlorobenzene	11.204	284	448540	45.874	ng	98
69) Atrazine	11.286	200	412080	50.815	ng	98
70) Pentachlorophenol	11.398	266	556013	75.594	ng	100
71) Phenanthrene	11.627	178	2034765	44.378	ng	100
72) Anthracene	11.680	178	1964470	41.841	ng	99
73) Carbazole	11.833	167	1671614	39.286	ng	99
74) Di-n-butylphthalate	12.151	149	2109080	40.662	ng	99
75) Fluoranthene	12.822	202	2010543	41.718	ng	100
77) Benzidine	12.939	184	676655	68.161	ng	98
78) Pyrene	13.051	202	1909561	54.737	ng	99
80) Butylbenzylphthalate	13.657	149	650071	52.546	ng	95
81) Benzo(a)anthracene	14.239	228	1311117	44.227	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	262723	28.643	ng	98
83) Chrysene	14.280	228	1241752	44.830	ng	99
84) Bis(2-ethylhexyl)phtha...	14.210	149	952991	51.008	ng	98
85) Di-n-octyl phthalate	14.839	149	1352539	48.194	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.468	276	1583203	54.772	ng	99
88) Benzo(b)fluoranthene	15.351	252	1307800	39.204	ng	99
89) Benzo(k)fluoranthene	15.380	252	1296610	39.541	ng	100
90) Benzo(a)pyrene	15.757	252	1271055	42.474	ng	99
91) Dibenzo(a,h)anthracene	17.486	278	1272307	53.041	ng	99
92) Benzo(g,h,i)perylene	17.968	276	1180607	50.616	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

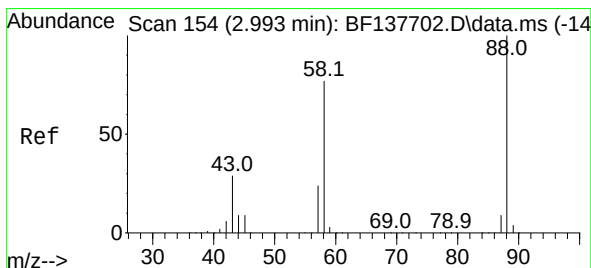
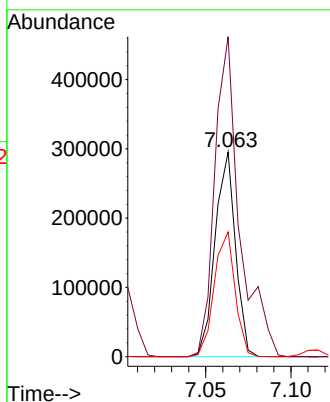
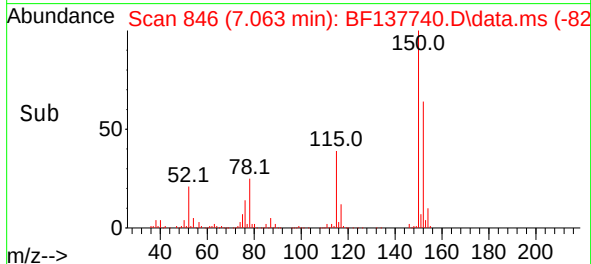
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:152 Resp: 24598
Ion Ratio Lower Upper
152 100
150 156.4 124.2 186.4
115 61.0 50.8 76.2

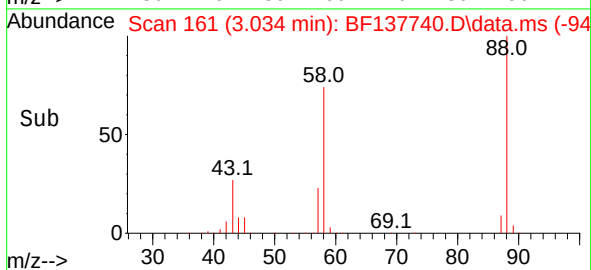
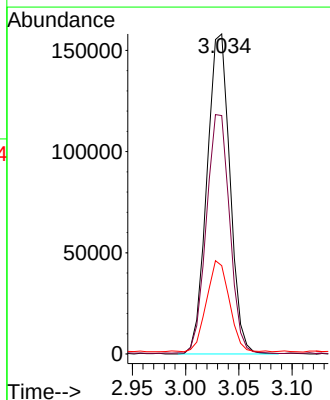
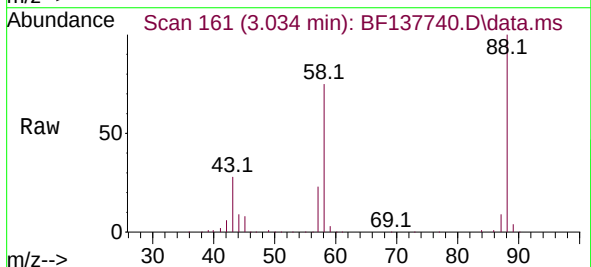
Manual Integrations
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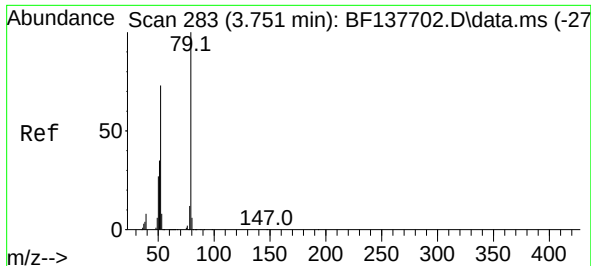
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#2
1,4-Dioxane
Concen: 32.692 ng
RT: 3.034 min Scan# 161
Delta R.T. 0.041 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Tgt Ion: 88 Resp: 237053
Ion Ratio Lower Upper
88 100
58 75.7 62.4 93.6
43 28.4 23.7 35.5





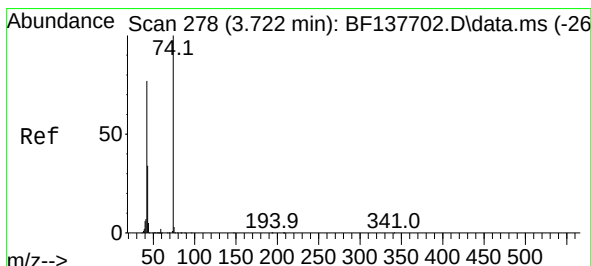
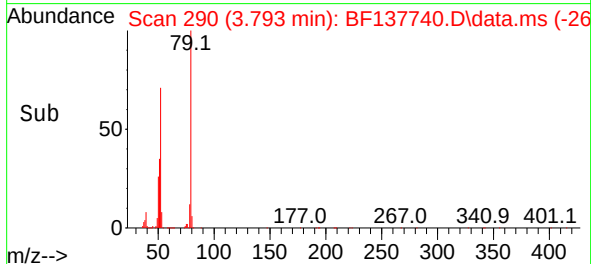
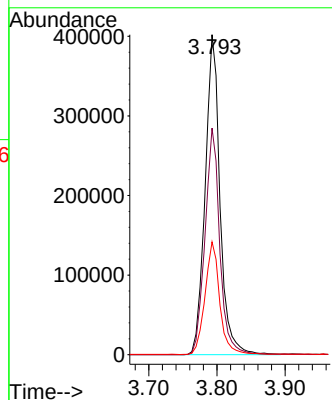
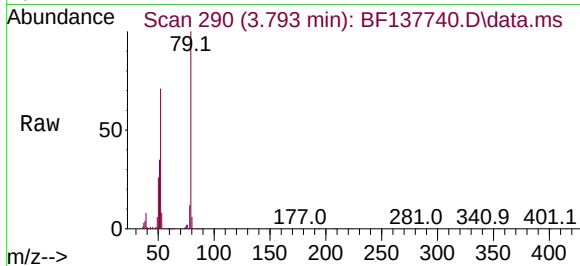
#3
Pyridine
Concen: 31.541 ng
RT: 3.793 min Scan# 20
Delta R.T. 0.041 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :
BNA_F
ClientSampleId :
RT-3860MS

Tgt Ion: 79 Resp: 609250
Ion Ratio Lower Upper
79 100
52 70.8 58.0 87.0
51 35.2 27.9 41.9

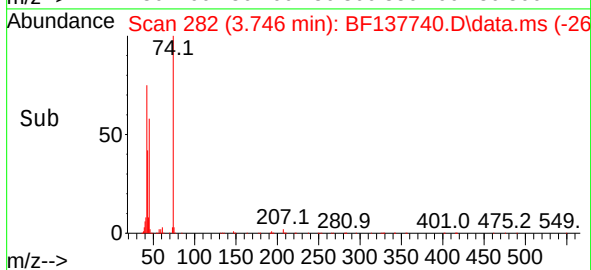
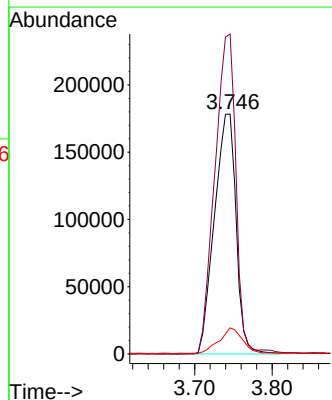
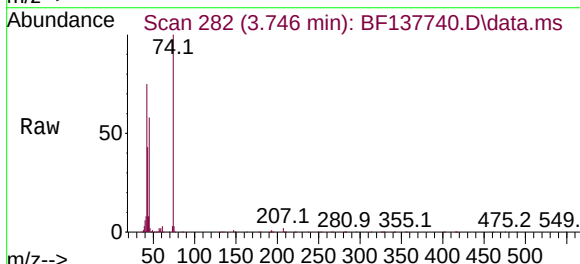
Manual Integrations
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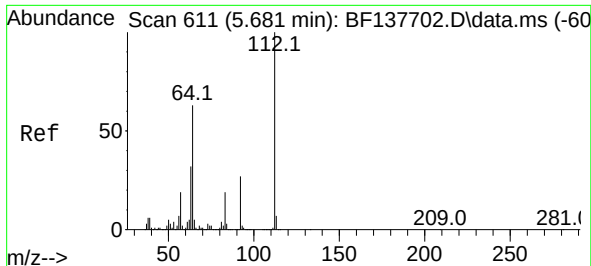
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#4
n-Nitrosodimethylamine
Concen: 38.452 ng
RT: 3.746 min Scan# 282
Delta R.T. 0.024 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

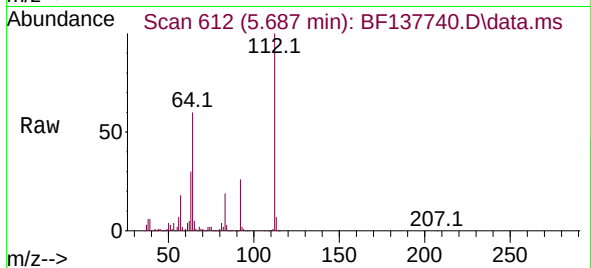
Tgt Ion: 42 Resp: 346640
Ion Ratio Lower Upper
42 100
74 133.4 103.4 155.2
44 10.9 5.5 8.3





#5
2-Fluorophenol
Concen: 100.181 ng
RT: 5.687 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

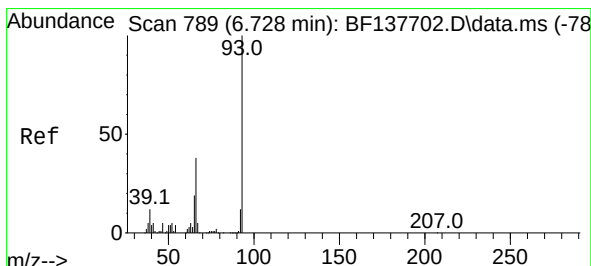
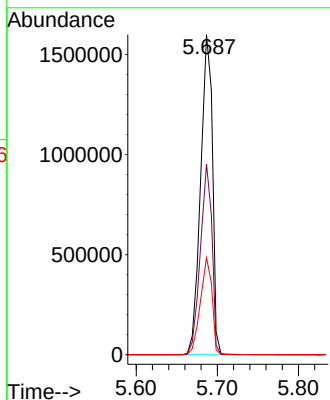
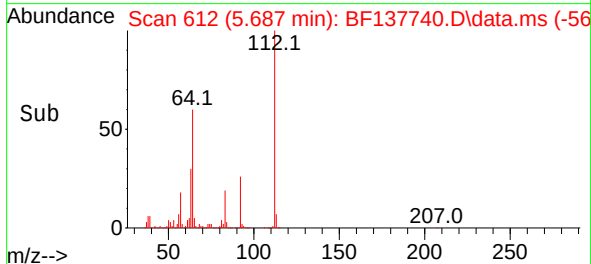
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:112 Resp: 1622283
Ion Ratio Lower Upper
112 100
64 59.6 50.1 75.1
63 30.3 25.2 37.8

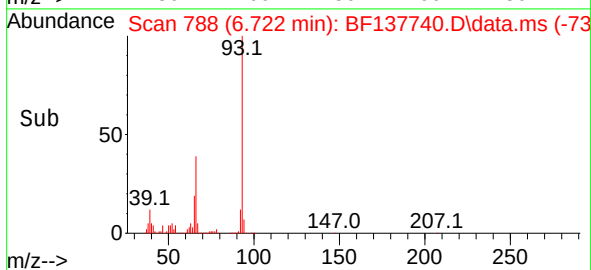
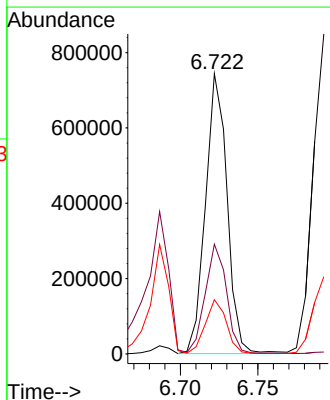
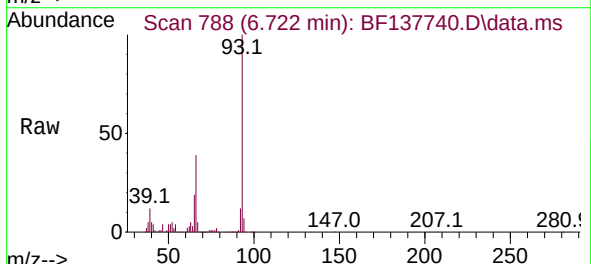
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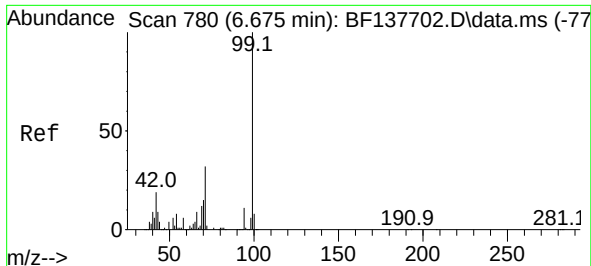
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#6
Aniline
Concen: 28.162 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

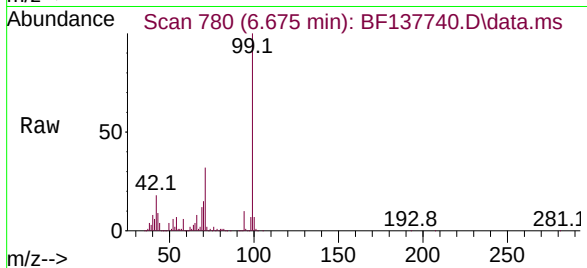
Tgt Ion: 93 Resp: 720794
Ion Ratio Lower Upper
93 100
66 39.1 32.1 48.1
65 19.4 16.4 24.6





#7
Phenol-d6
Concen: 99.010 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

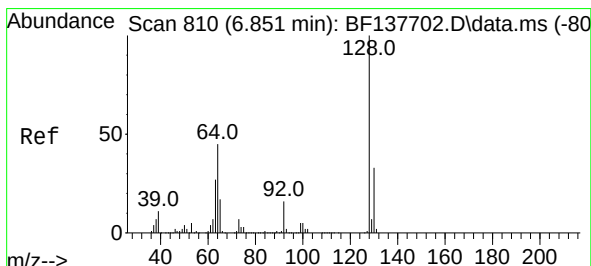
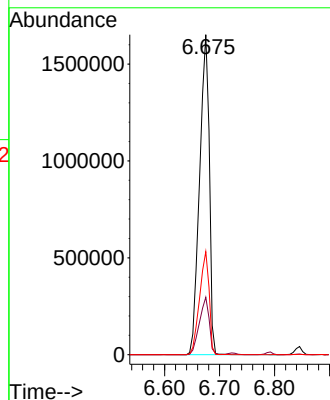
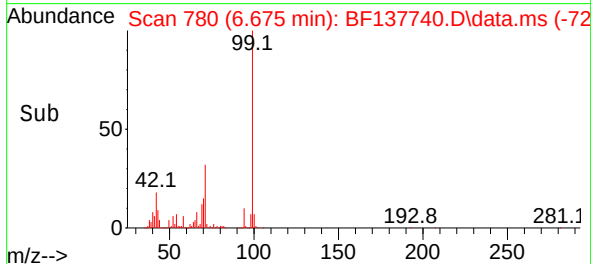
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion: 99 Resp: 203603
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.4
71 32.2 25.7 38.5

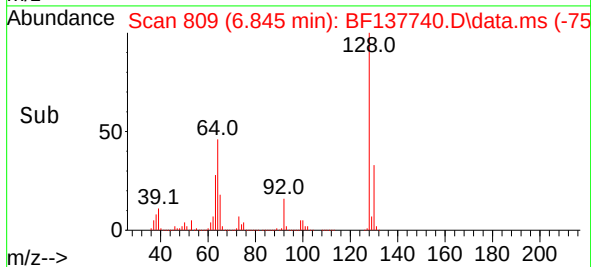
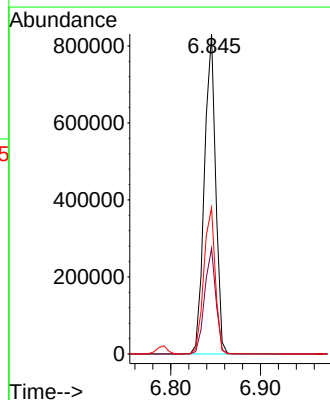
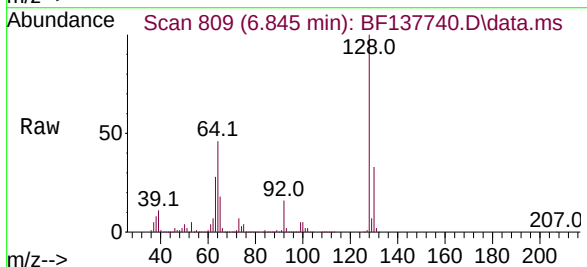
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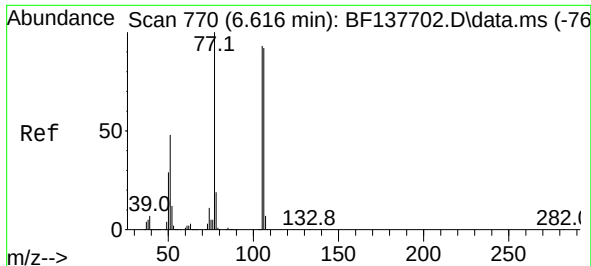
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#8
2-Chlorophenol
Concen: 42.939 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

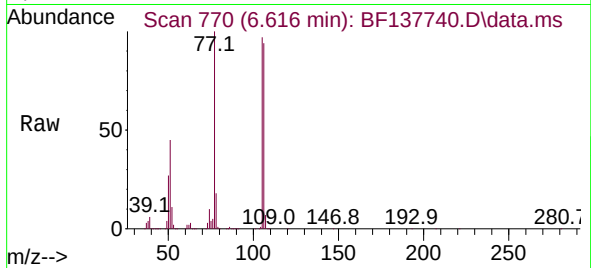
Tgt Ion:128 Resp: 725843
Ion Ratio Lower Upper
128 100
130 33.0 13.2 53.2
64 45.7 24.7 64.7





#9
Benzaldehyde
Concen: 46.927 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

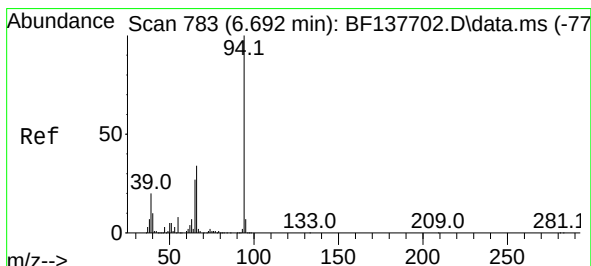
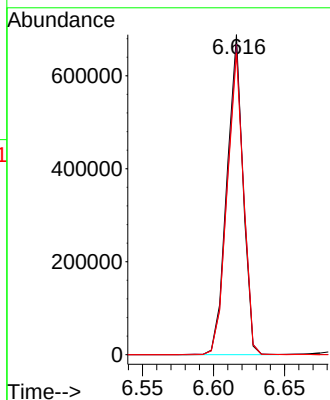
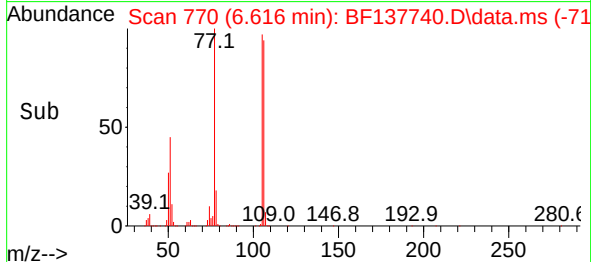
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



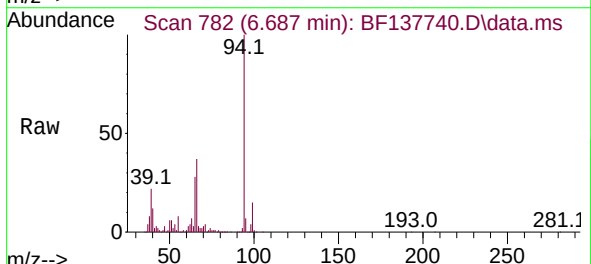
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Ion Ratio Lower Upper
77 100
105 97.0 73.3 113.3
106 94.2 72.1 112.1

Manual Integrations
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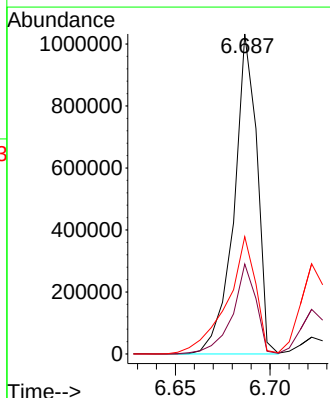
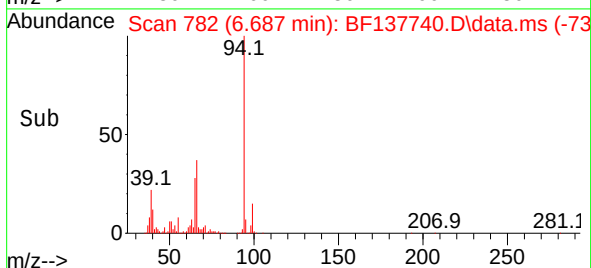
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

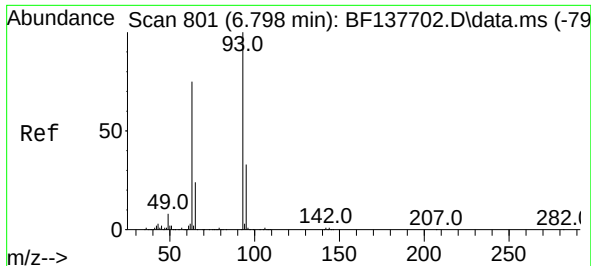


#10
Phenol
Concen: 42.254 ng
RT: 6.687 min Scan# 782
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53



Tgt Ion: 94 Resp: 868048
Ion Ratio Lower Upper
94 100
65 28.1 6.5 46.5
66 36.6 13.9 53.9





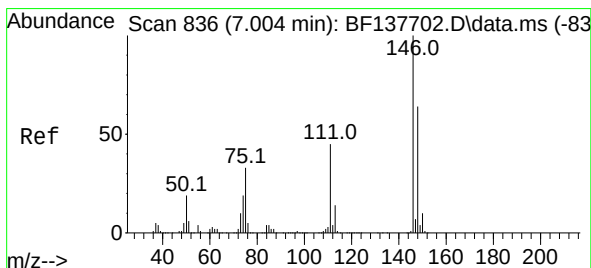
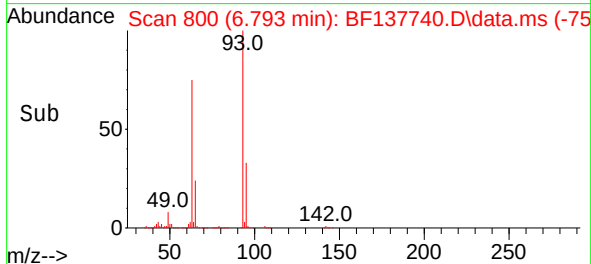
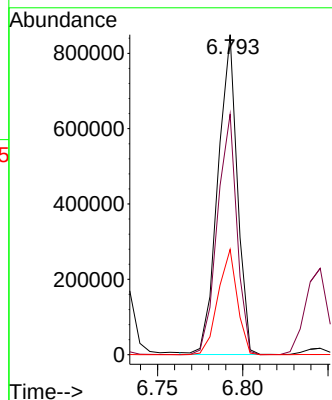
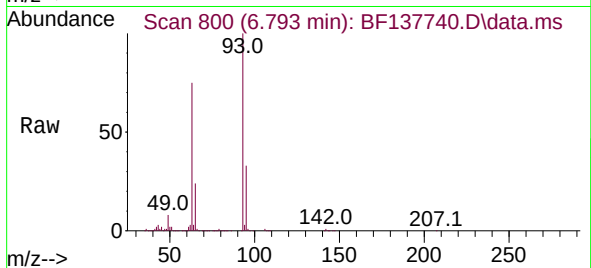
#11
bis(2-Chloroethyl)ether
Concen: 40.212 ng
RT: 6.793 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :
BNA_F
ClientSampleId :
RT-3860MS

Tgt Ion: 93 Resp: 673818
Ion Ratio Lower Upper
93 100
63 75.2 54.8 94.8
95 32.9 13.2 53.2

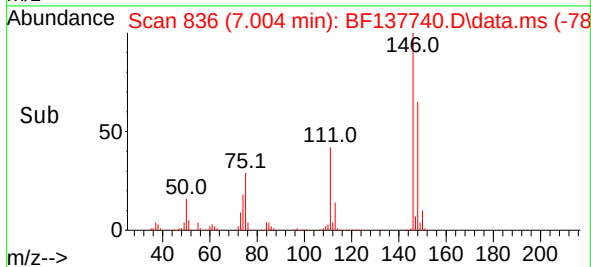
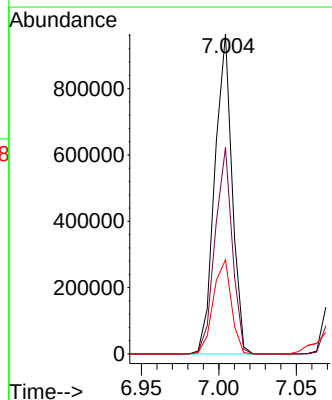
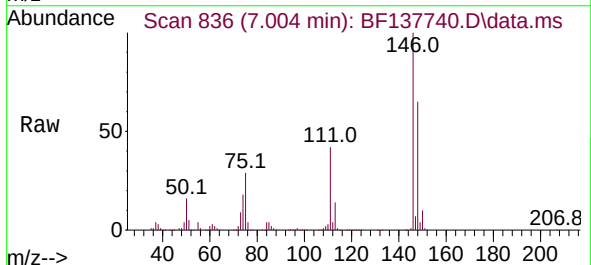
Manual Integrations
APPROVED

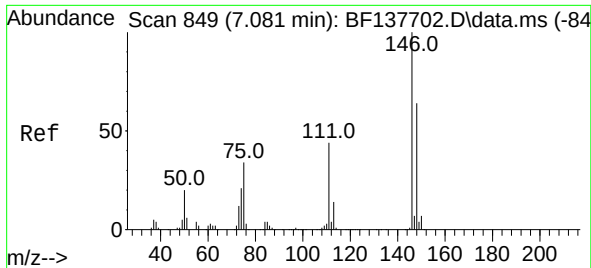
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#12
1,3-Dichlorobenzene
Concen: 42.261 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

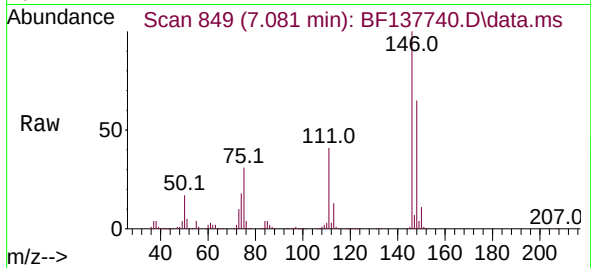
Tgt Ion:146 Resp: 749168
Ion Ratio Lower Upper
146 100
148 64.6 50.8 76.2
75 29.4 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 42.635 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

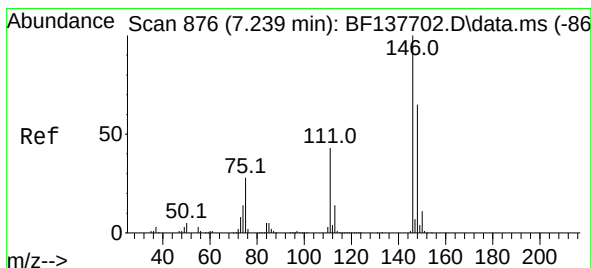
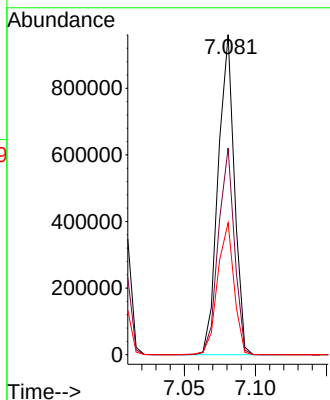
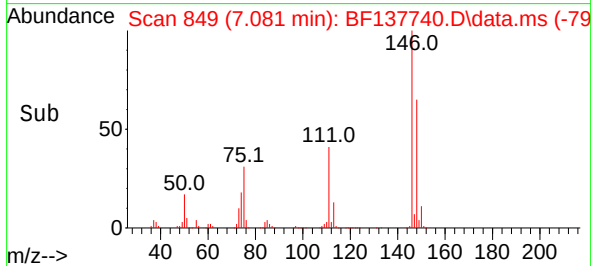
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



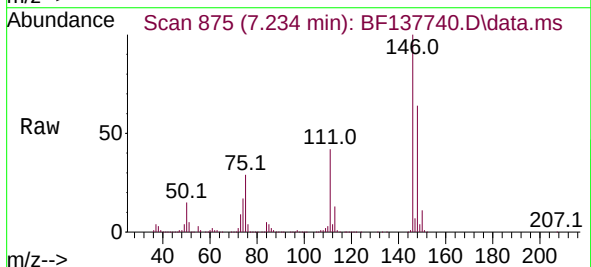
Tgt Ion:146 Resp: 760913
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
111 41.2 35.0 52.6

Manual Integrations
APPROVED

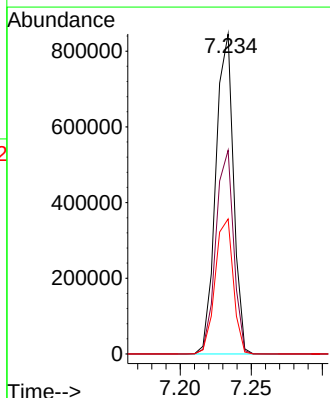
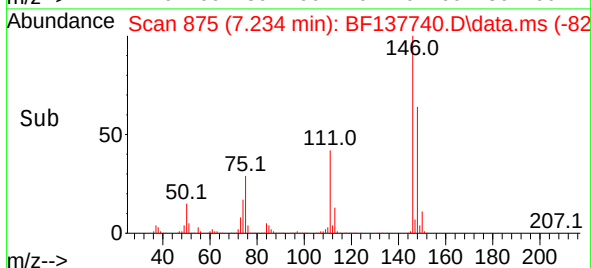
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

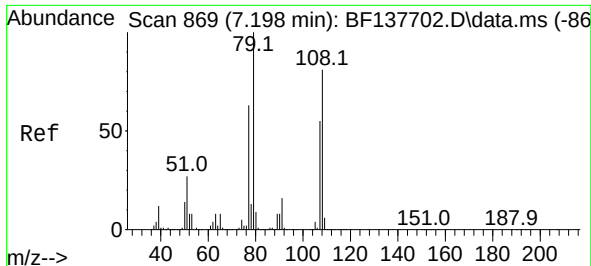


#14
1,2-Dichlorobenzene
Concen: 43.938 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53



Tgt Ion:146 Resp: 729928
Ion Ratio Lower Upper
146 100
148 63.6 52.1 78.1
111 42.2 34.5 51.7





#15

Benzyl Alcohol

Concen: 39.364 ng

RT: 7.192 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

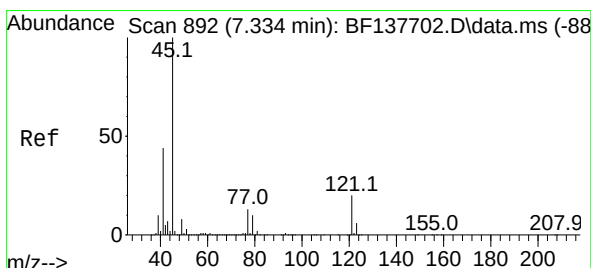
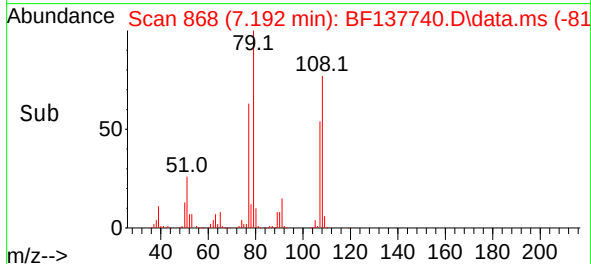
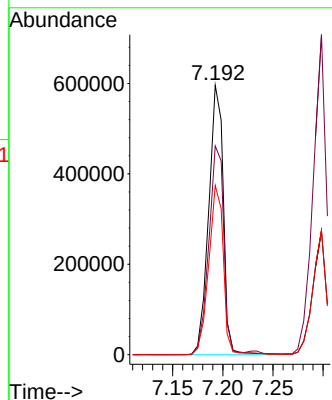
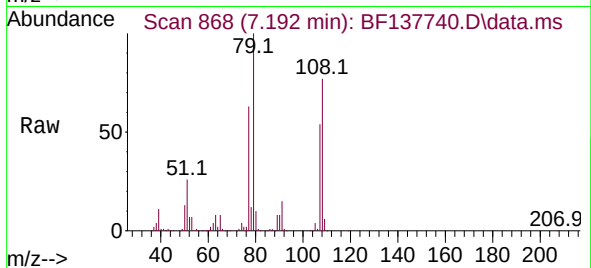
RT-3860MS

Tgt Ion:	79	Resp:	60555
Ion Ratio	Lower	Upper	
79	100		
108	77.5	64.8	97.2
77	62.8	50.3	75.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.824 ng

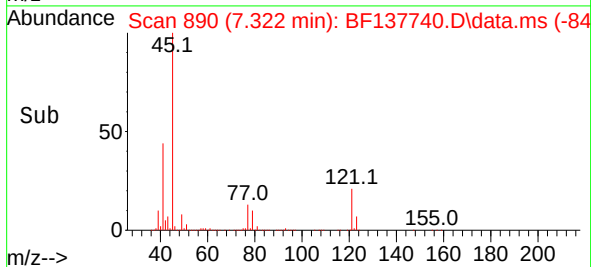
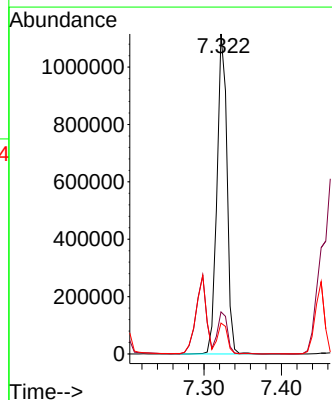
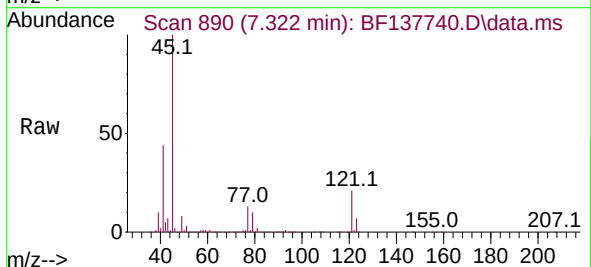
RT: 7.322 min Scan# 890

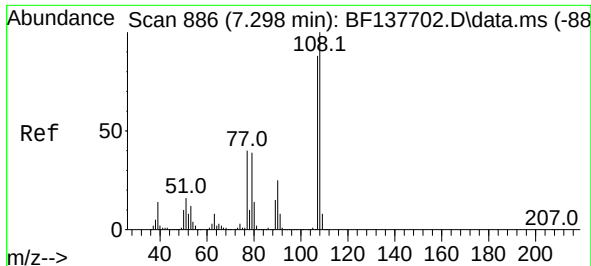
Delta R.T. -0.012 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Tgt Ion:	45	Resp:	1000483
Ion Ratio	Lower	Upper	
45	100		
77	13.1	0.0	32.8
79	9.7	0.0	30.1





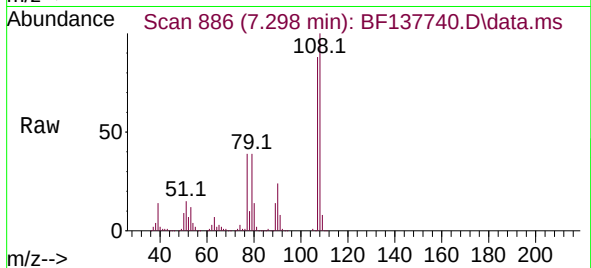
#17
2-Methylphenol
Concen: 37.717 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

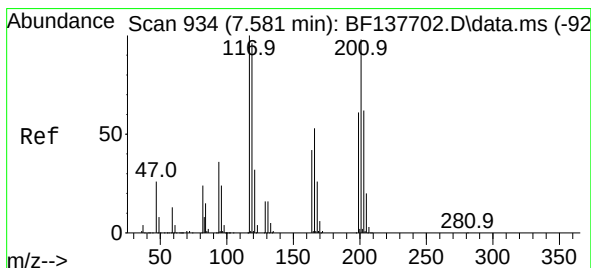
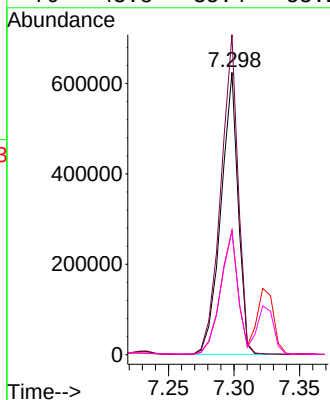
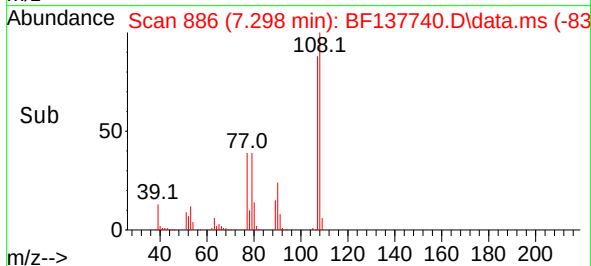


Tgt Ion:107 Resp: 566463
Ion Ratio Lower Upper
107 100
108 113.4 90.6 135.8
77 44.1 35.8 53.8
79 43.8 35.4 53.2

Manual Integrations

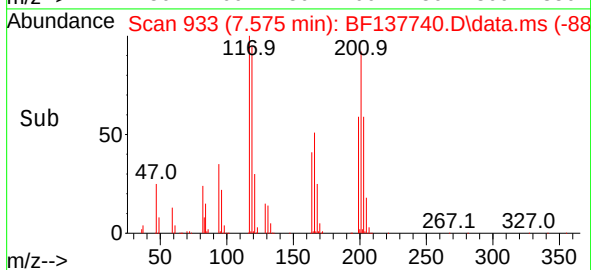
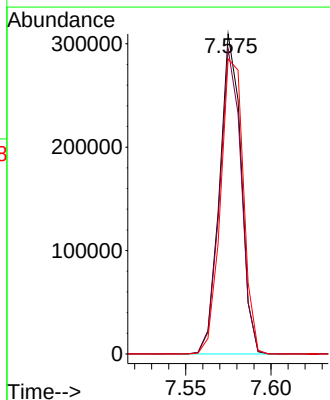
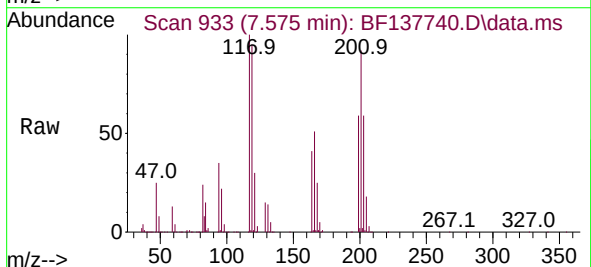
APPROVED

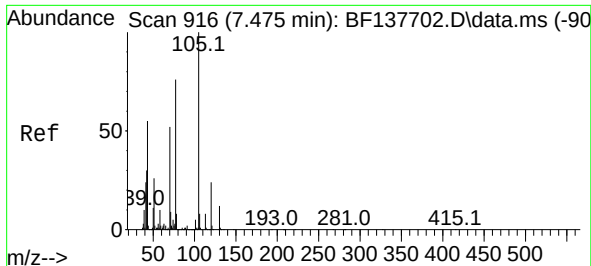
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#18
Hexachloroethane
Concen: 42.864 ng
RT: 7.575 min Scan# 933
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Tgt Ion:117 Resp: 270751
Ion Ratio Lower Upper
117 100
119 95.3 77.1 115.7
201 92.2 78.1 117.1





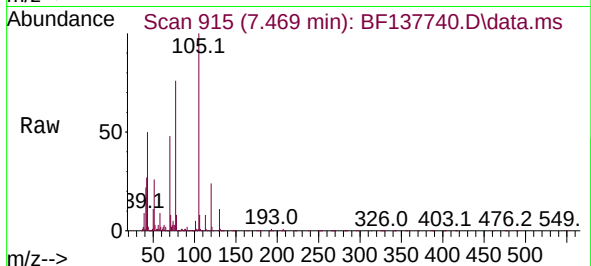
#19
n-Nitroso-di-n-propylamine
Concen: 37.958 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

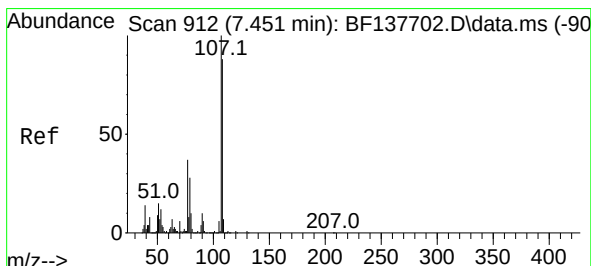
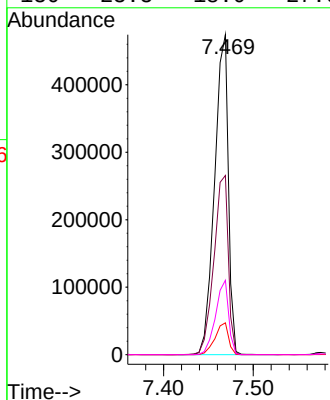
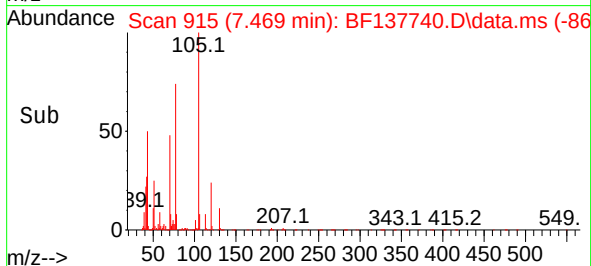


Tgt Ion: 70 Resp: 504739
Ion Ratio Lower Upper
70 100
42 56.0 45.9 68.9
101 10.0 8.0 12.0
130 23.3 18.0 27.0

Manual Integrations

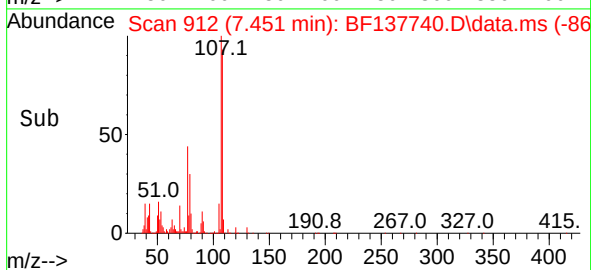
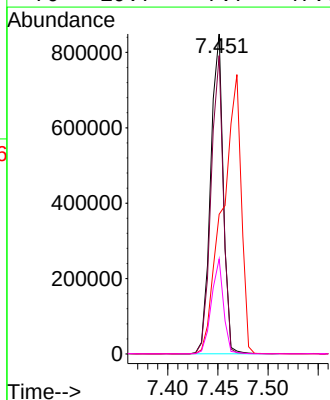
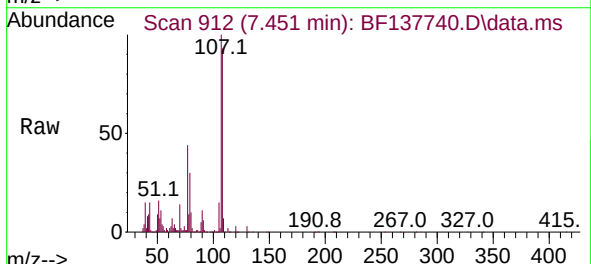
APPROVED

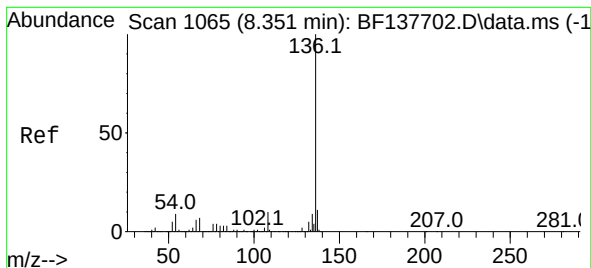
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#20
3+4-Methylphenols
Concen: 38.329 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Tgt Ion:107 Resp: 743480
Ion Ratio Lower Upper
107 100
108 93.2 68.2 108.2
77 43.6 16.8 56.8
79 29.7 7.7 47.7





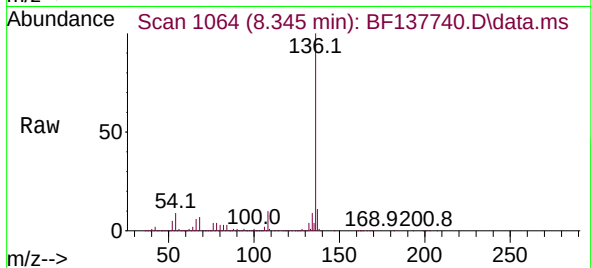
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

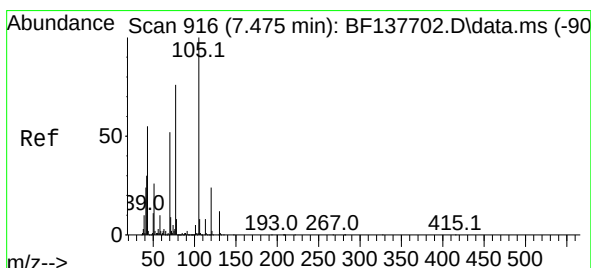
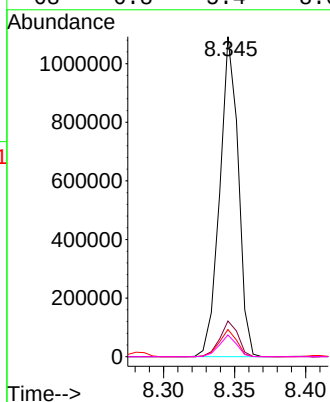
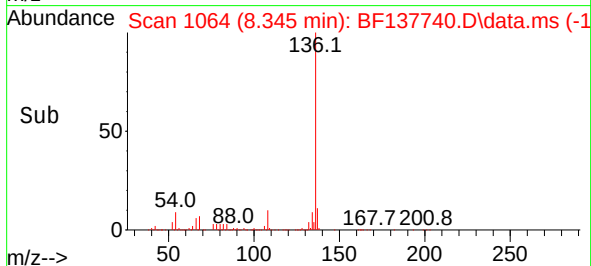


Tgt Ion:136 Resp: 986748
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.5 6.9 10.3
68 6.8 5.4 8.0

Manual Integrations

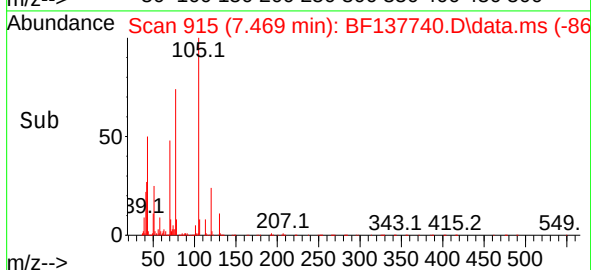
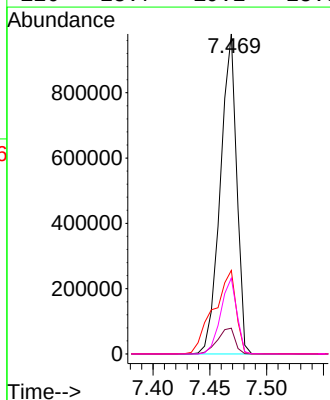
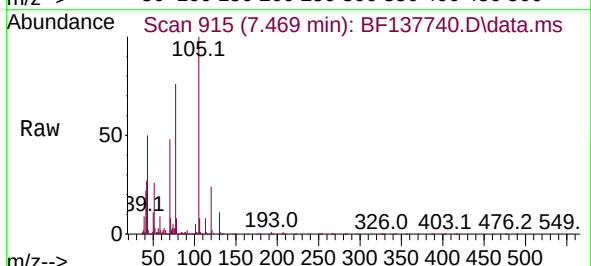
APPROVED

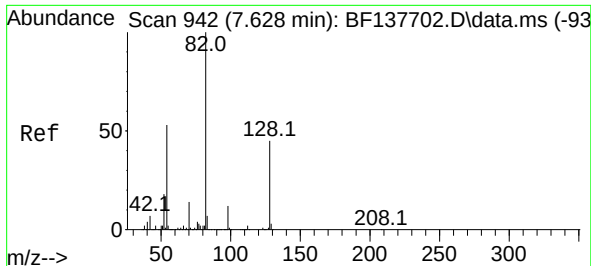
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#22
Acetophenone
Concen: 40.757 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Tgt Ion:105 Resp: 983665
Ion Ratio Lower Upper
105 100
71 8.0 7.0 10.6
51 26.1 20.5 30.7
120 23.7 19.2 28.8





#23

Nitrobenzene-d5

Concen: 67.213 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion: 82 Resp: 124940

Ion Ratio Lower Upper

82 100

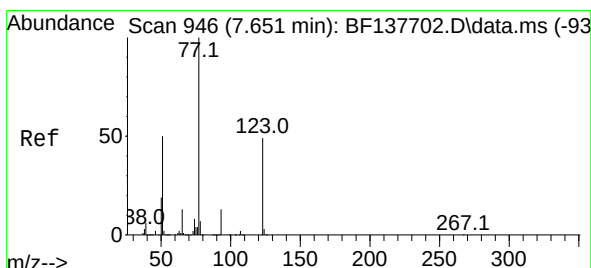
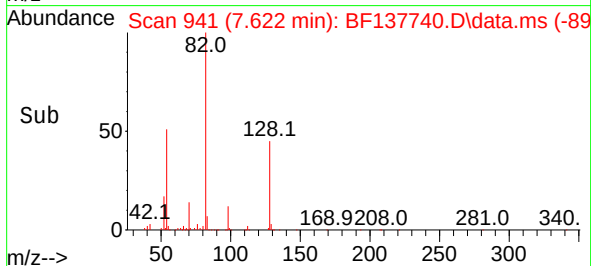
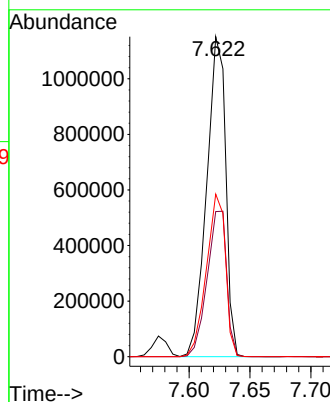
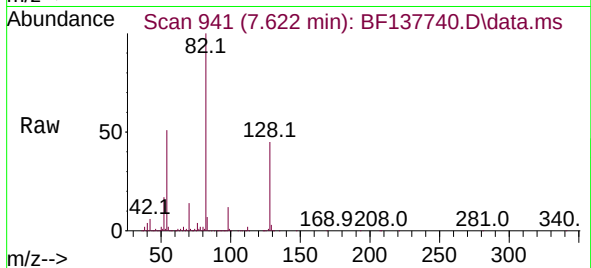
128 45.4 35.8 53.6

54 50.8 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#24

Nitrobenzene

Concen: 39.677 ng

RT: 7.645 min Scan# 945

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

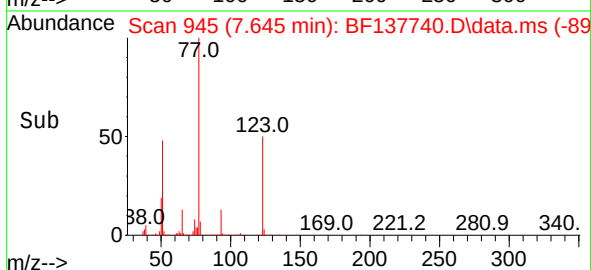
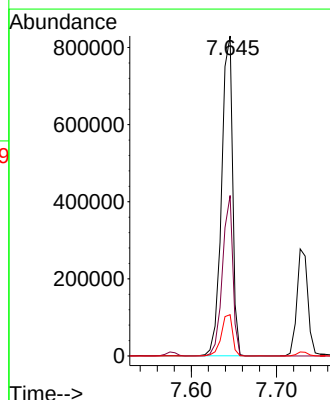
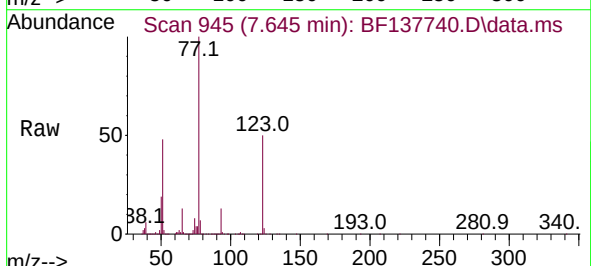
Tgt Ion: 77 Resp: 745141

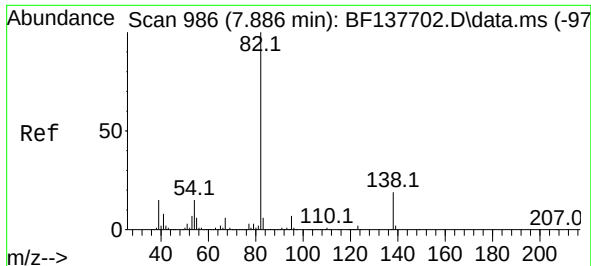
Ion Ratio Lower Upper

77 100

123 50.2 40.4 60.6

65 12.9 10.7 16.1





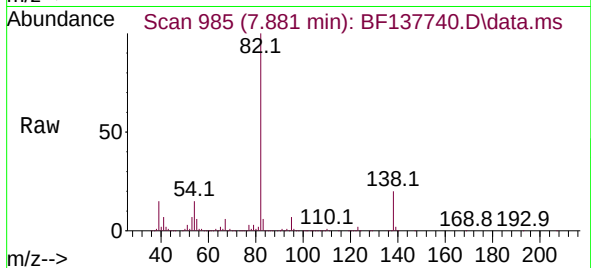
#25
Isophorone
Concen: 39.339 ng
RT: 7.881 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

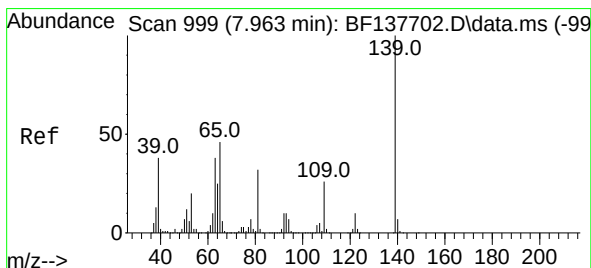
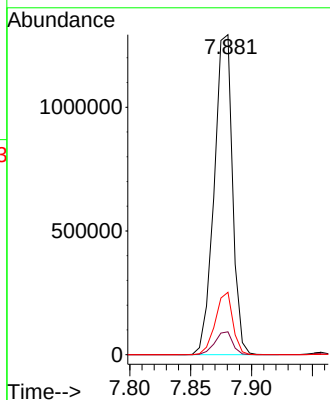
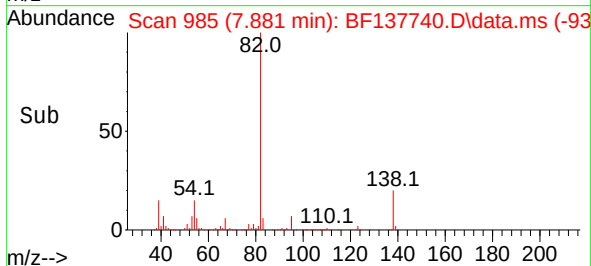


Tgt Ion: 82 Resp: 1358124
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 19.5 15.3 22.9

Manual Integrations

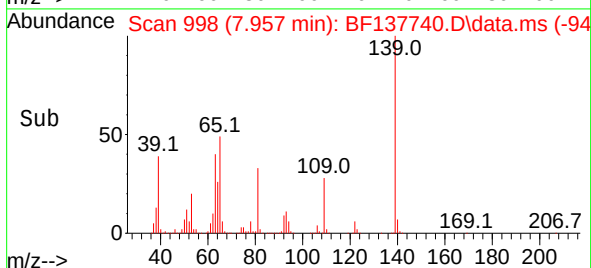
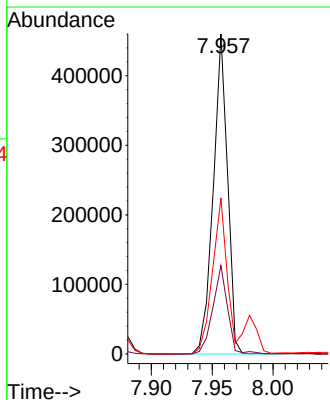
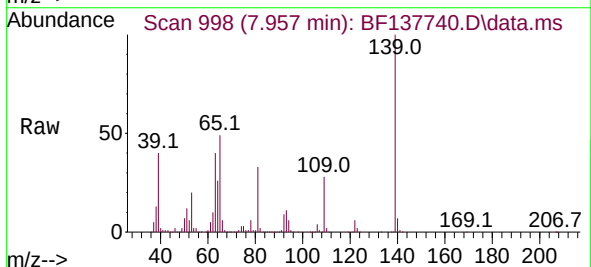
APPROVED

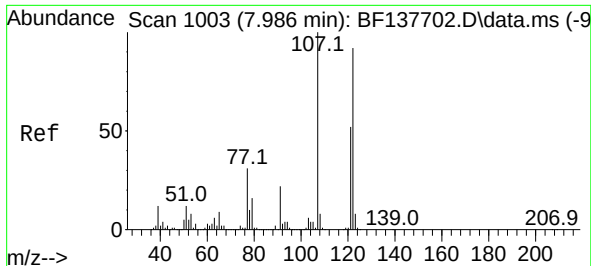
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#26
2-Nitrophenol
Concen: 45.552 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Tgt Ion:139 Resp: 375418
Ion Ratio Lower Upper
139 100
109 27.7 21.1 31.7
65 48.7 37.1 55.7





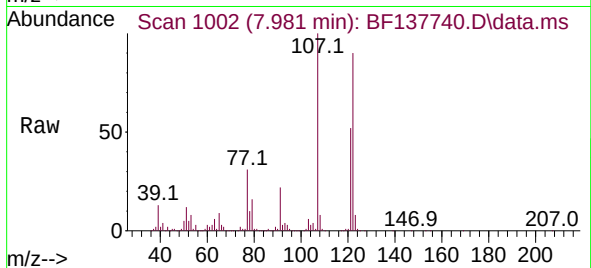
#27
2,4-Dimethylphenol
Concen: 32.666 ng
RT: 7.981 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

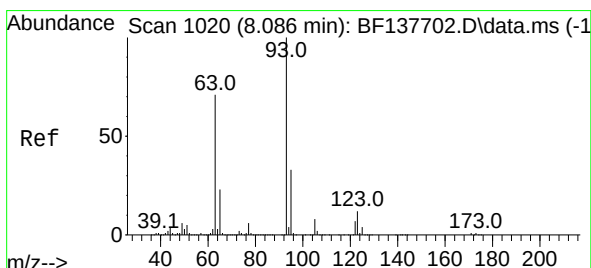
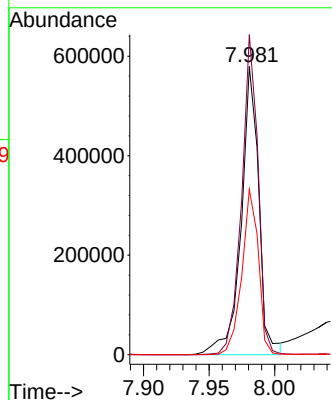
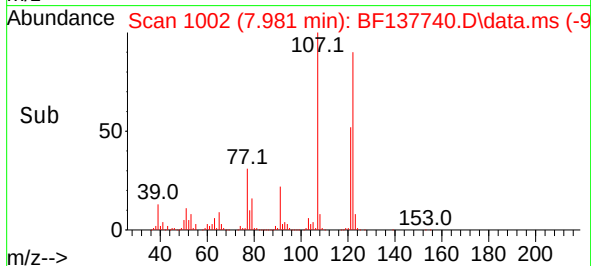


Tgt Ion:122 Resp: 54313
Ion Ratio Lower Upper
122 100
107 111.1 87.2 130.8
121 57.4 45.2 67.8

Manual Integrations

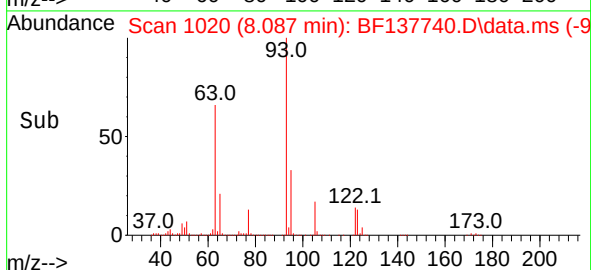
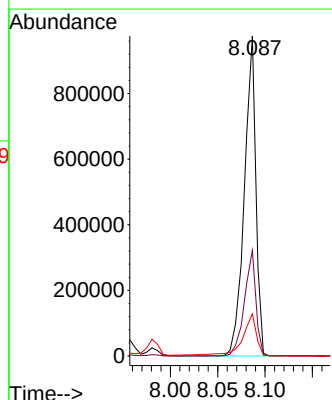
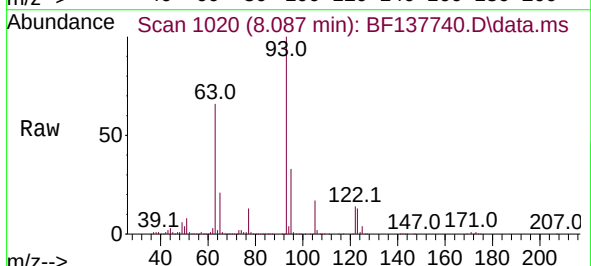
APPROVED

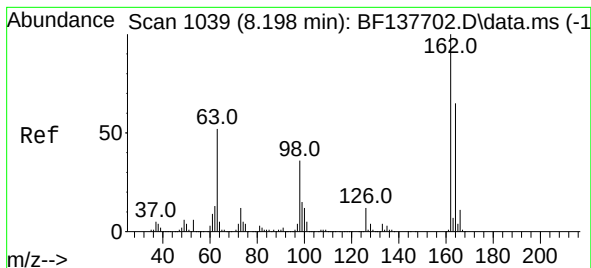
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.994 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Tgt Ion: 93 Resp: 822248
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 13.2 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 41.807 ng

RT: 8.192 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

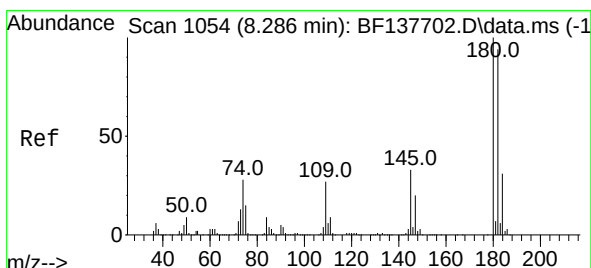
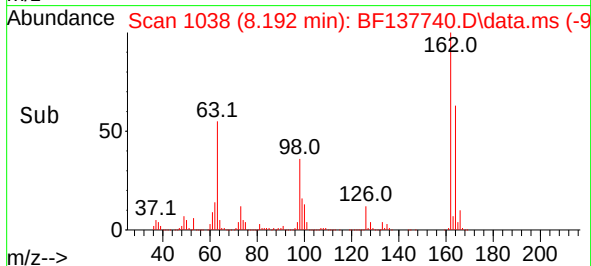
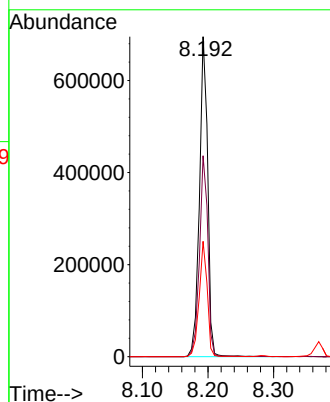
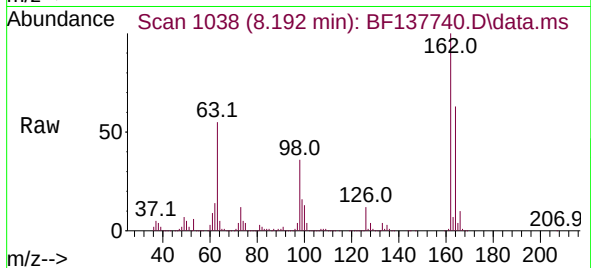
RT-3860MS

Tgt Ion:162 Resp: 609219
 Ion Ratio Lower Upper
 162 100
 164 62.8 45.2 85.2
 98 36.1 15.7 55.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.217 ng

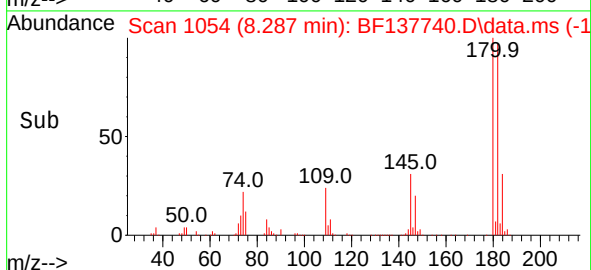
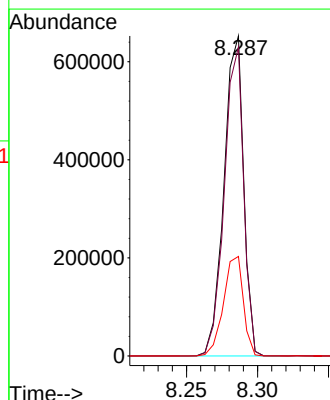
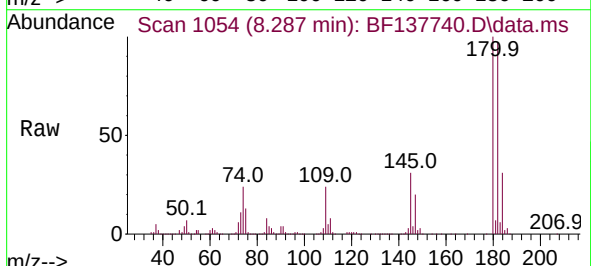
RT: 8.287 min Scan# 1054

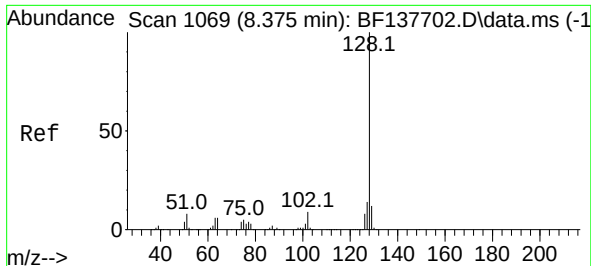
Delta R.T. 0.000 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Tgt Ion:180 Resp: 627052
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.4 113.2
 145 31.1 26.3 39.5





#31

Naphthalene

Concen: 40.705 ng

RT: 8.369 min Scan# 1068

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

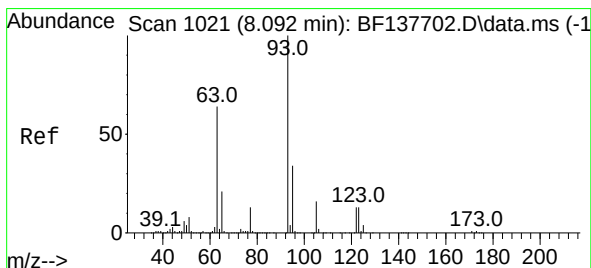
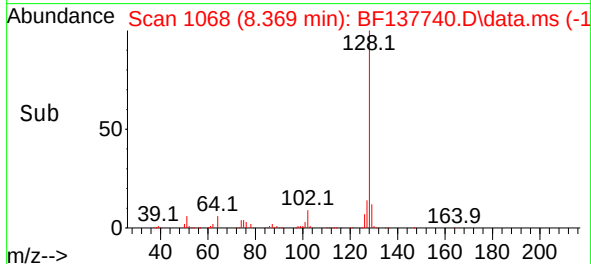
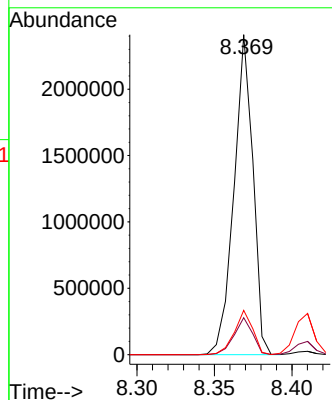
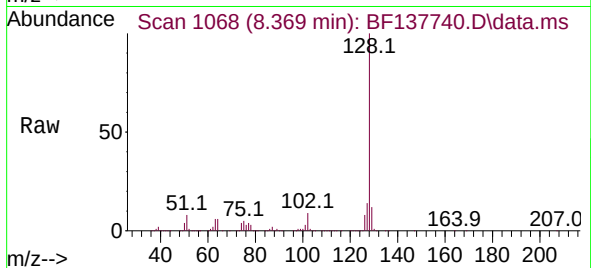
RT-3860MS

Tgt Ion:128 Resp: 2049634
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.3 13.9
 127 13.9 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#32

Benzoic acid

Concen: 42.410 ng

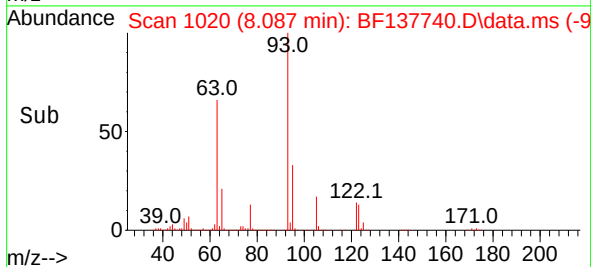
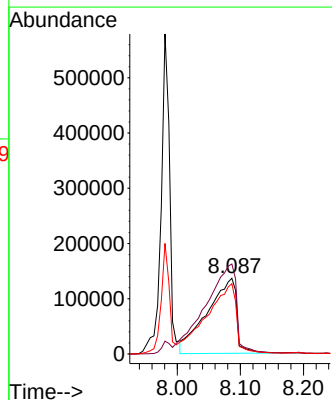
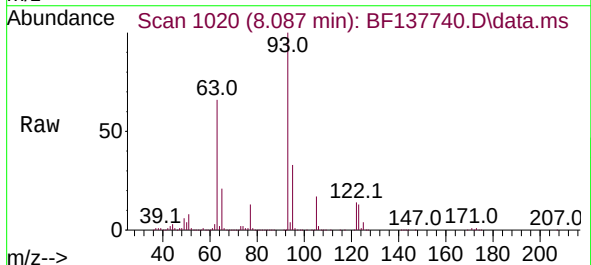
RT: 8.087 min Scan# 1020

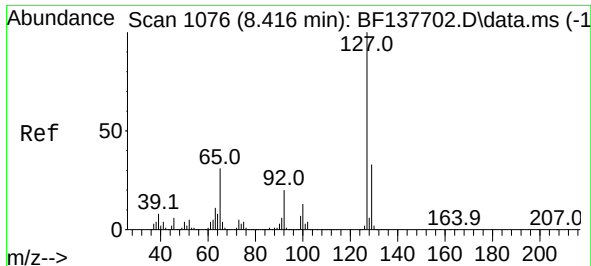
Delta R.T. -0.005 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Tgt Ion:122 Resp: 446495
 Ion Ratio Lower Upper
 122 100
 105 118.9 101.1 141.1
 77 92.7 75.7 115.7





#33

4-Chloroaniline

Concen: 13.171 ng

RT: 8.410 min Scan# 1076

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

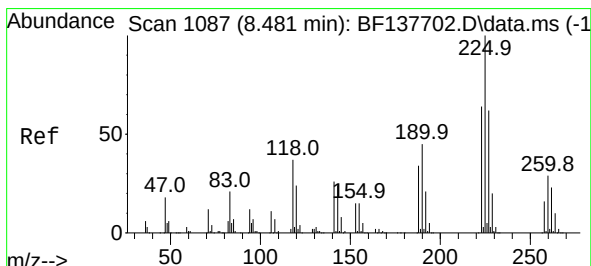
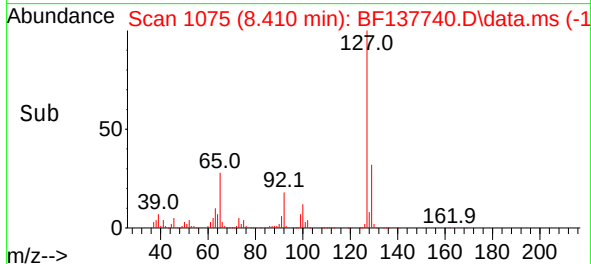
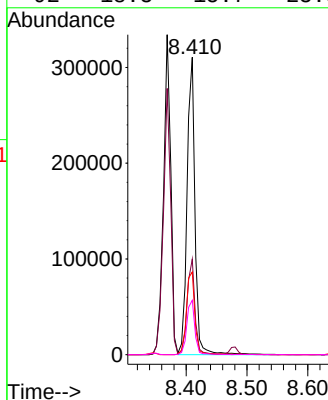
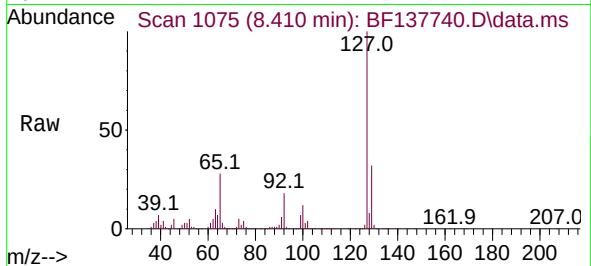
Tgt Ion:127 Resp: 280718

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.4	39.6
65	27.8	24.6	36.8
92	18.3	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#34

Hexachlorobutadiene

Concen: 41.960 ng

RT: 8.481 min Scan# 1087

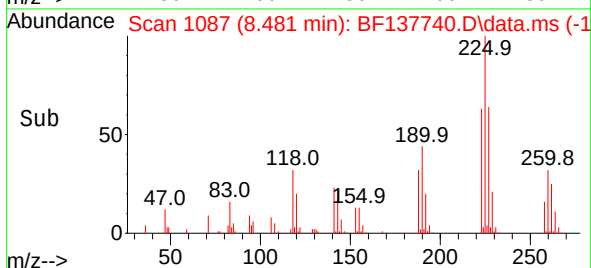
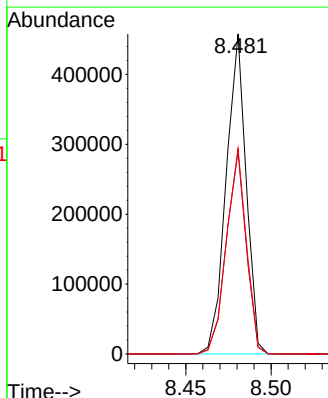
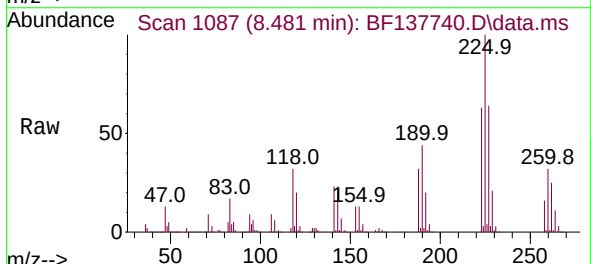
Delta R.T. 0.000 min

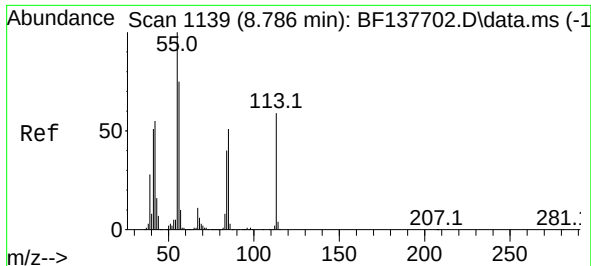
Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Tgt Ion:225 Resp: 373626

Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.0
227	64.2	49.4	74.2





#35

Caprolactam

Concen: 41.130 ng m

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

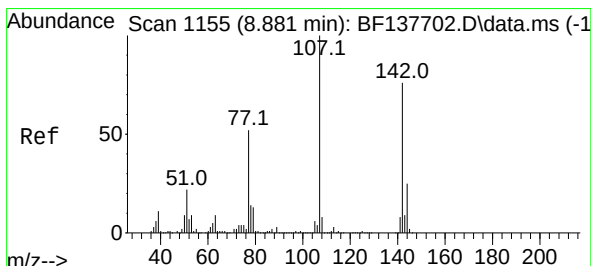
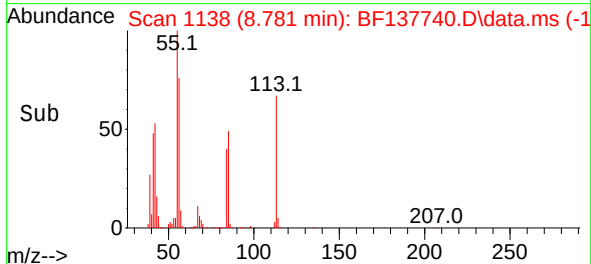
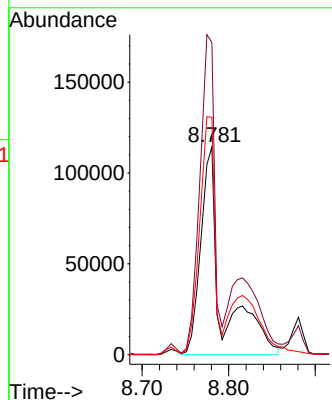
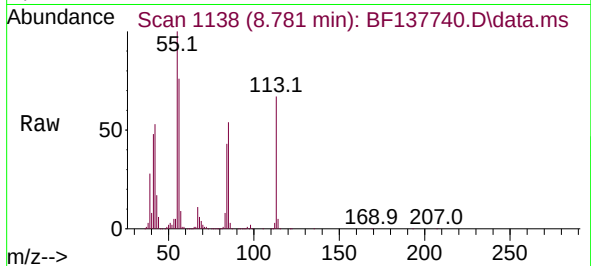
RT-3860MS

Tgt Ion:113	Resp: 193778
Ion Ratio	Lower Upper
113	100
55	150.3 148.7 188.7
56	114.3 107.2 147.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#36

4-Chloro-3-methylphenol

Concen: 40.630 ng

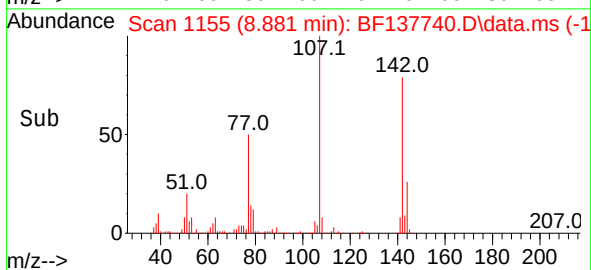
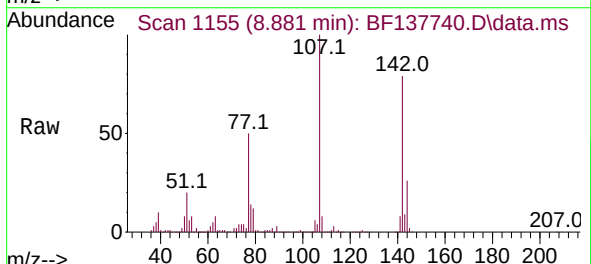
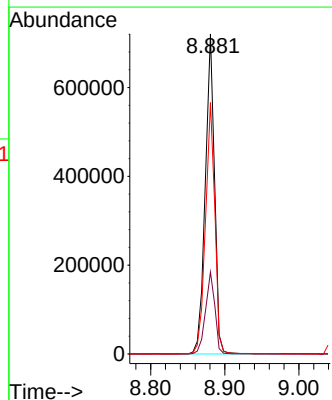
RT: 8.881 min Scan# 1155

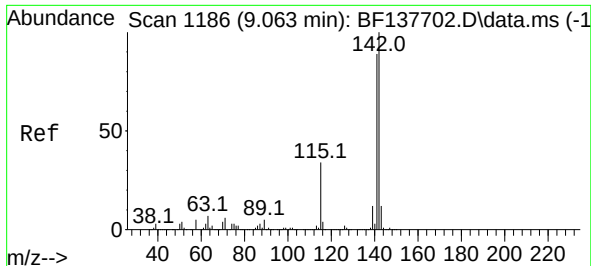
Delta R.T. 0.000 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Tgt Ion:107	Resp: 627965
Ion Ratio	Lower Upper
107	100
144	25.6 19.8 29.8
142	78.6 60.5 90.7





#37

2-Methylnaphthalene

Concen: 39.030 ng

RT: 9.057 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:142 Resp: 1348892

Ion Ratio Lower Upper

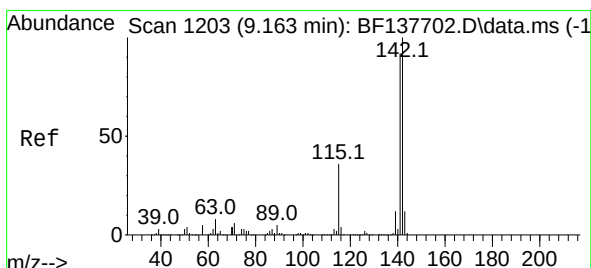
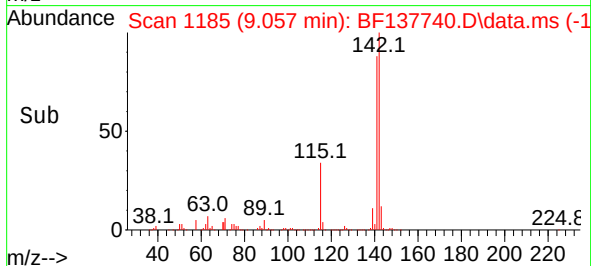
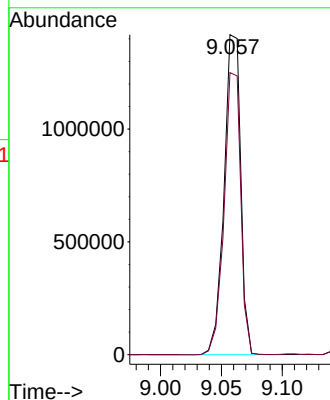
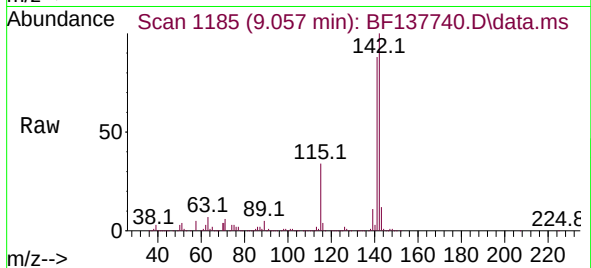
142 100

141 88.2 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#38

1-Methylnaphthalene

Concen: 38.854 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF137740.D

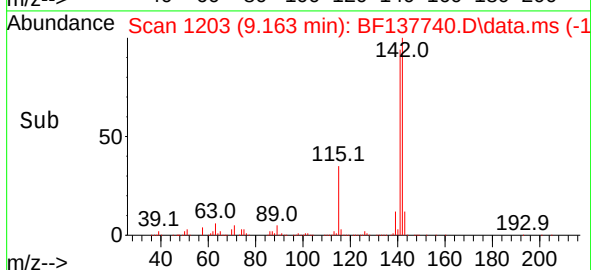
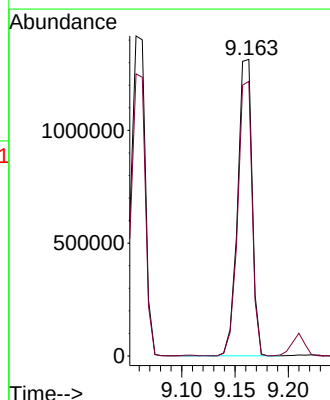
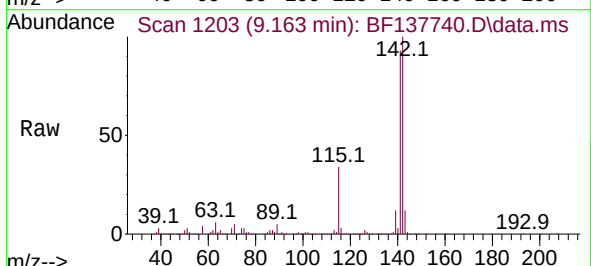
Acq: 26 Apr 2024 17:53

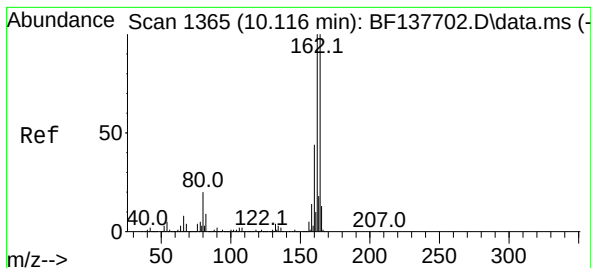
Tgt Ion:142 Resp: 1255469

Ion Ratio Lower Upper

142 100

141 92.6 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF137740.D

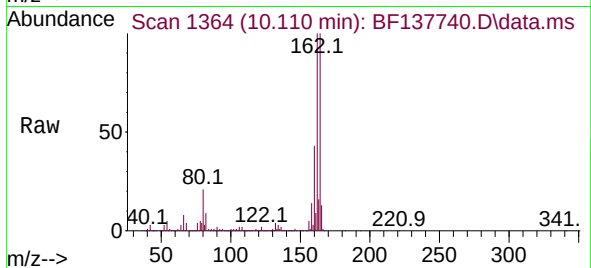
Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS



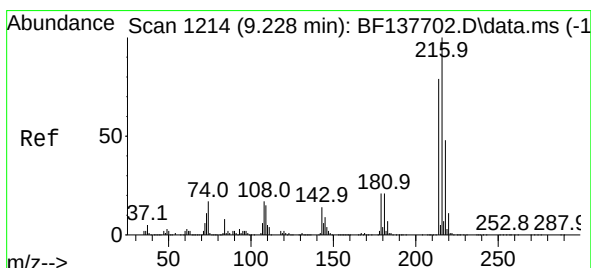
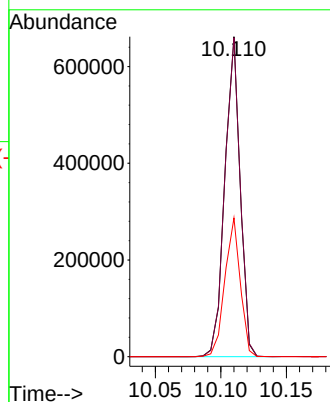
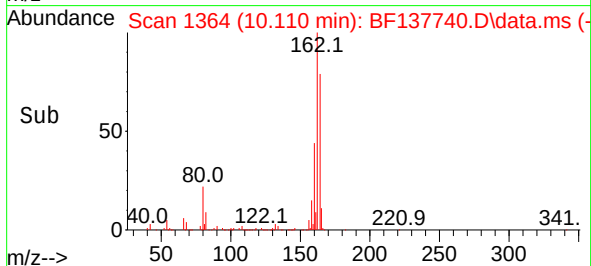
Tgt Ion:164 Resp: 536788

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.3	120.5
160	43.3	35.0	52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.417 ng

RT: 9.222 min Scan# 1213

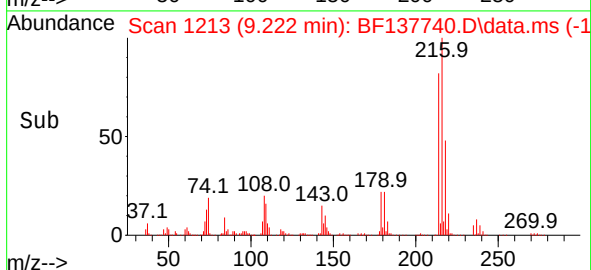
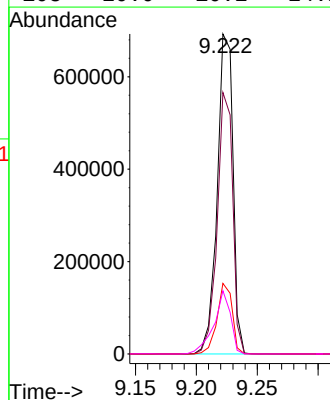
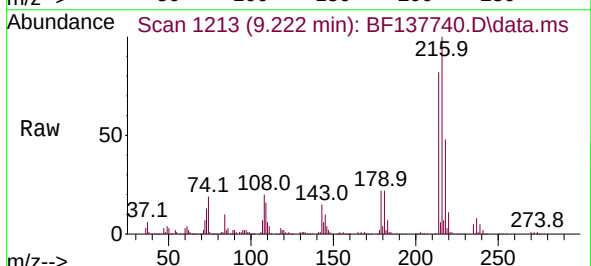
Delta R.T. -0.006 min

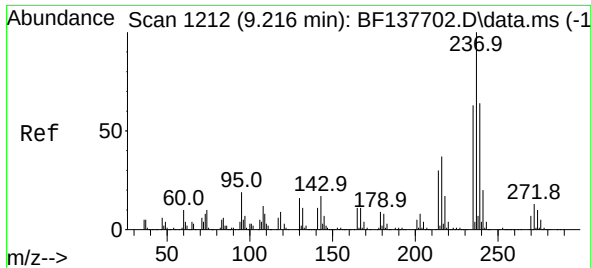
Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Tgt Ion:216 Resp: 624225

Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.0
179	21.1	17.1	25.7
108	20.9	16.2	24.2





#41
Hexachlorocyclopentadiene
Concen: 89.402 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

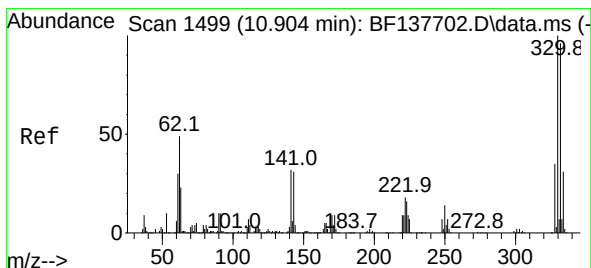
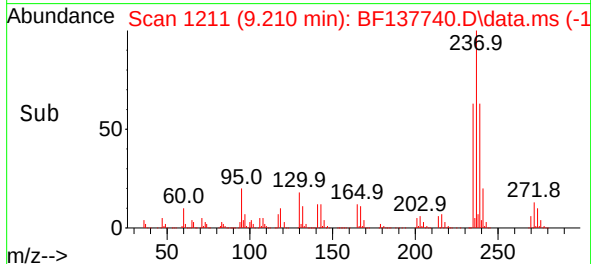
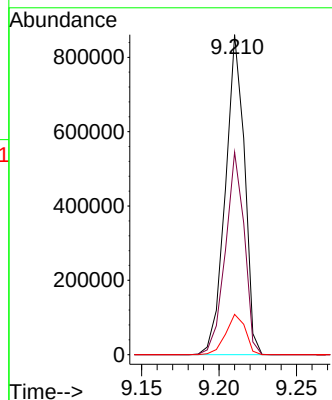
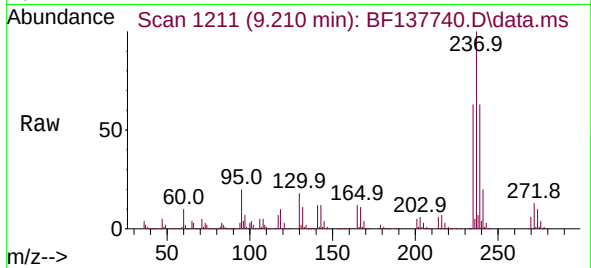
RT-3860MS

Tgt Ion:237 Resp: 737179
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 12.6 0.0 33.1

Manual Integrations

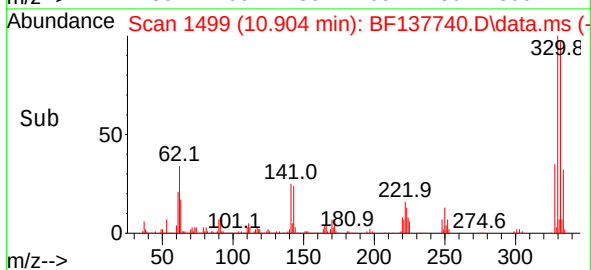
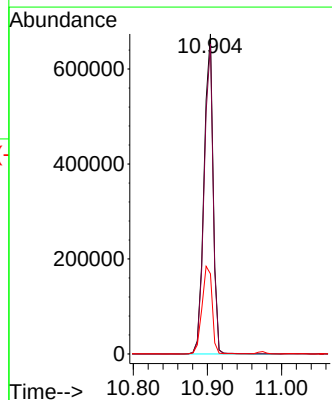
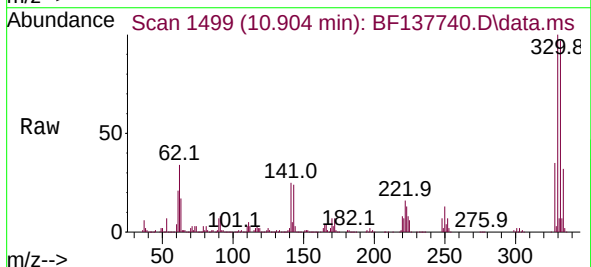
APPROVED

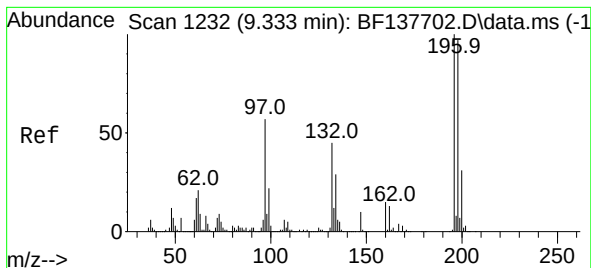
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#42
2,4,6-Tribromophenol
Concen: 105.947 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Tgt Ion:330 Resp: 573872
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 30.5 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 42.786 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.001 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:196 Resp: 44171

Ion Ratio Lower Upper

196 100

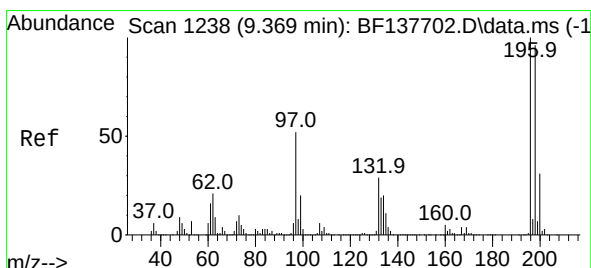
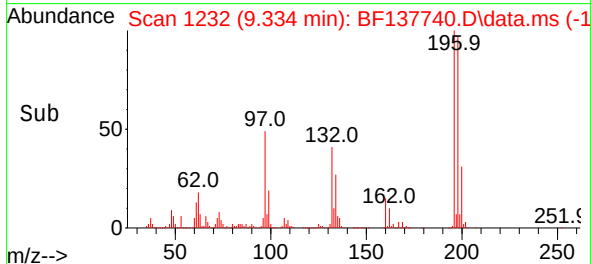
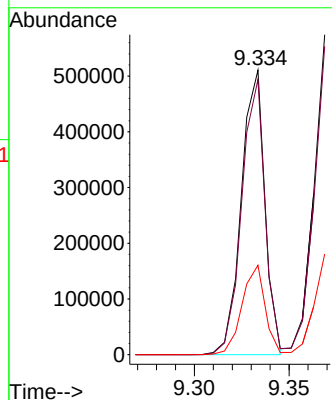
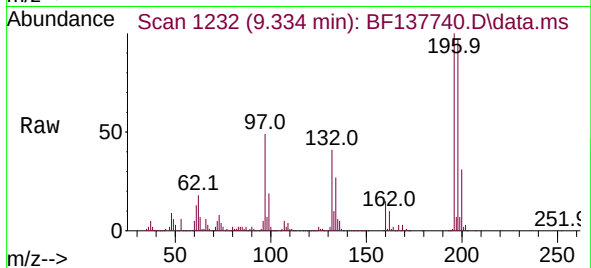
198 96.8 77.8 116.6

200 31.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#44

2,4,5-Trichlorophenol

Concen: 39.179 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Tgt Ion:196 Resp: 463551

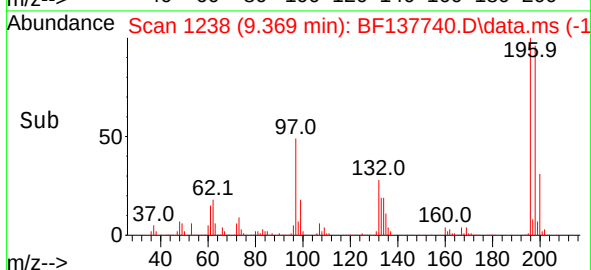
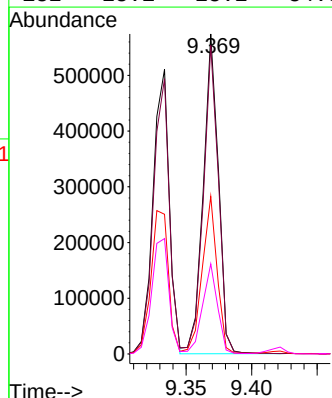
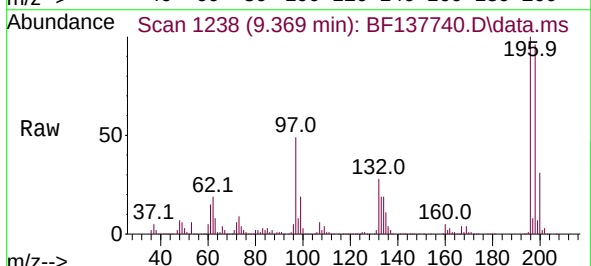
Ion Ratio Lower Upper

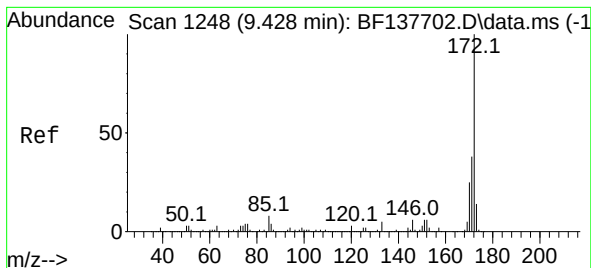
196 100

198 96.4 77.2 115.8

97 49.2 41.8 62.8

132 28.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 65.661 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:172 Resp: 2358850

Ion Ratio Lower Upper

172 100

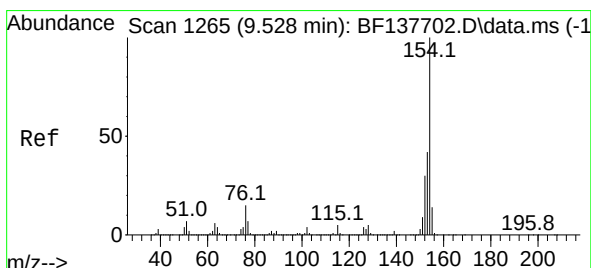
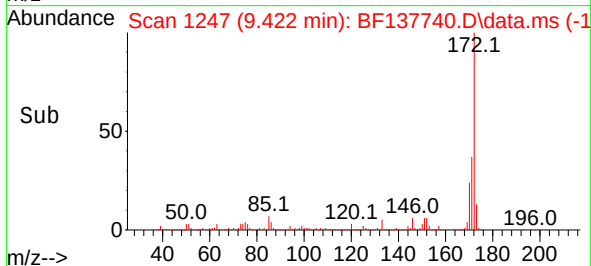
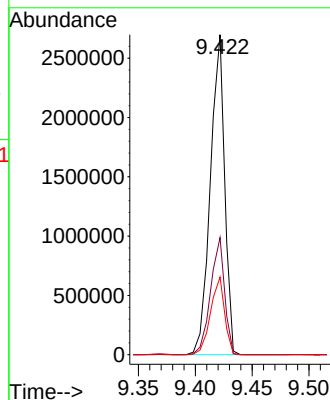
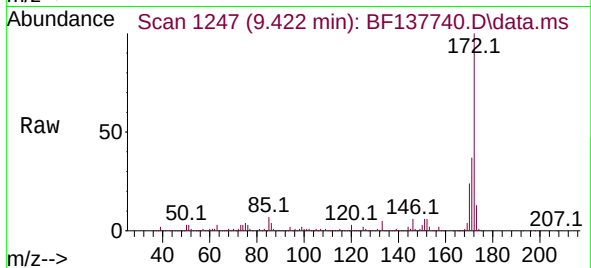
171 36.6 30.2 45.4

170 24.3 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#46

1,1'-Biphenyl

Concen: 42.017 ng

RT: 9.522 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

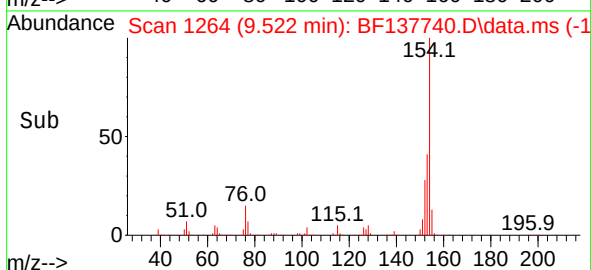
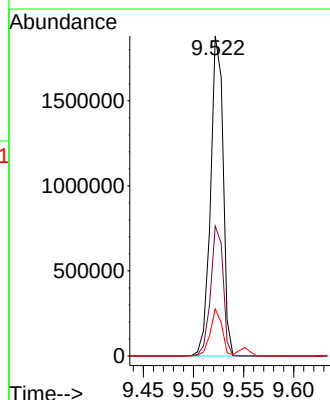
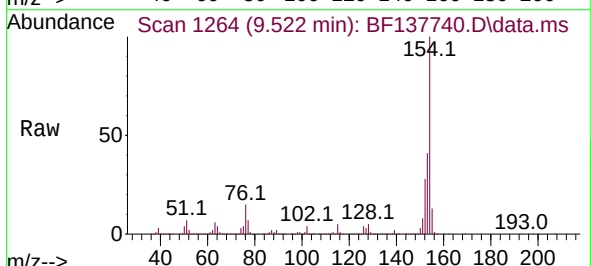
Tgt Ion:154 Resp: 1640777

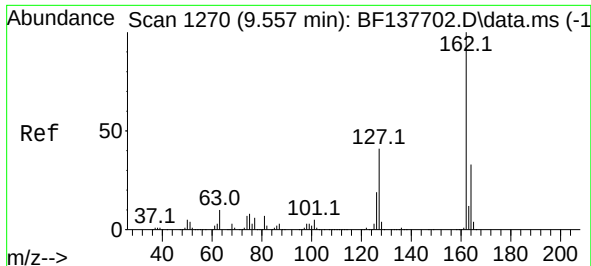
Ion Ratio Lower Upper

154 100

153 40.6 21.9 61.9

76 14.7 0.0 35.3





#47

2-Chloronaphthalene

Concen: 42.123 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

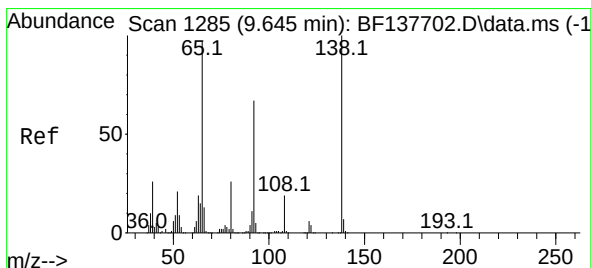
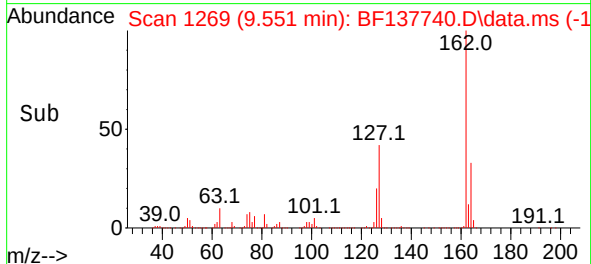
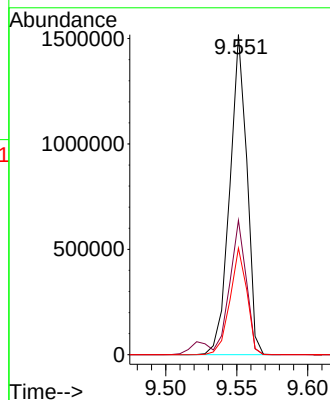
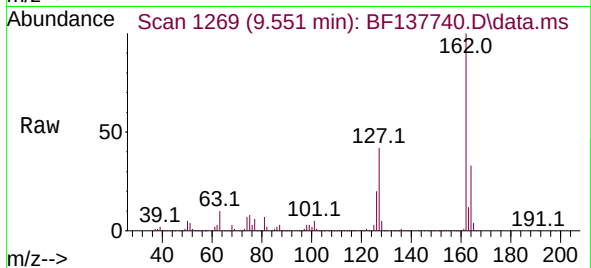
RT-3860MS

Tgt Ion:162 Resp: 1267998
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.1 49.7
 164 33.3 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#48

2-Nitroaniline

Concen: 41.523 ng

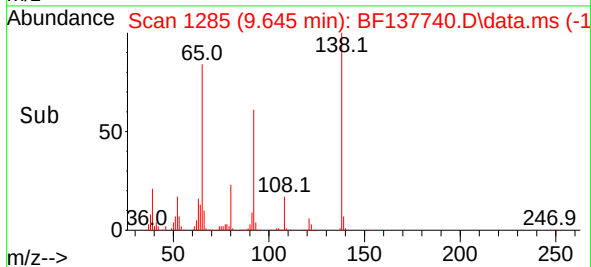
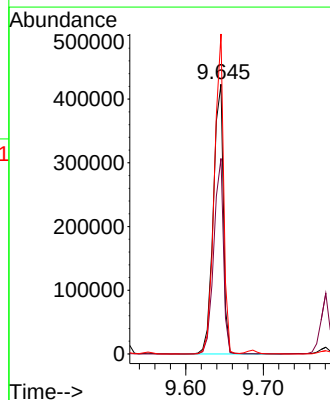
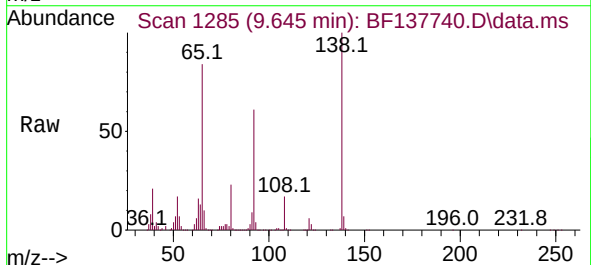
RT: 9.645 min Scan# 1285

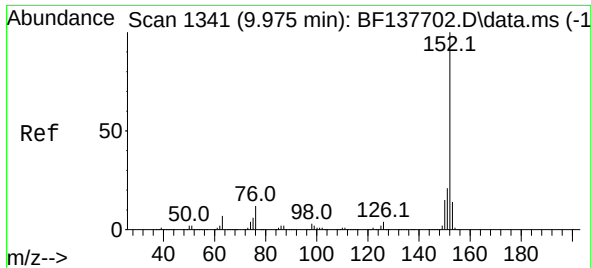
Delta R.T. 0.000 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Tgt Ion: 65 Resp: 380884
 Ion Ratio Lower Upper
 65 100
 92 72.5 54.9 82.3
 138 118.6 82.4 123.6





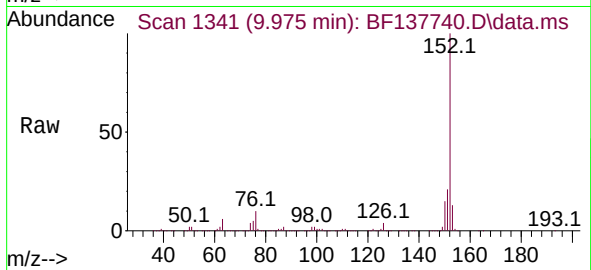
#49
Acenaphthylene
Concen: 42.575 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

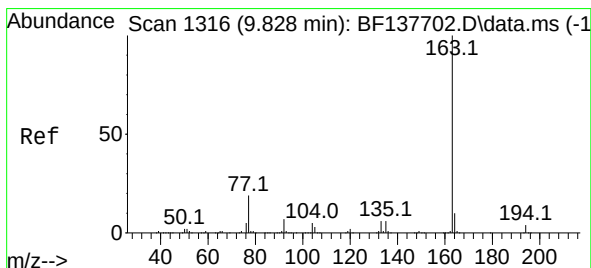
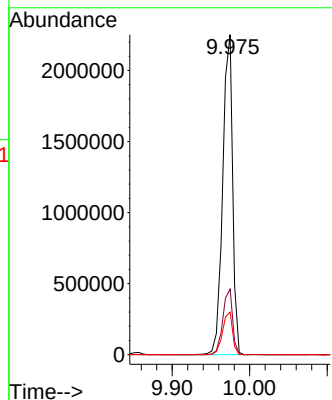
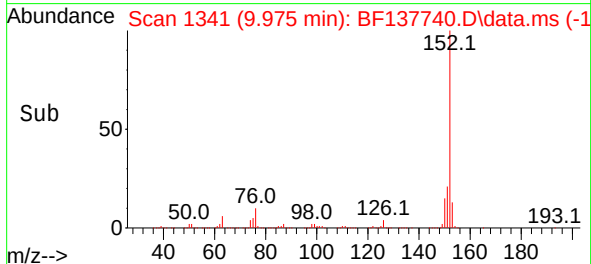


Tgt Ion:152 Resp: 1998628
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.3 11.0 16.4

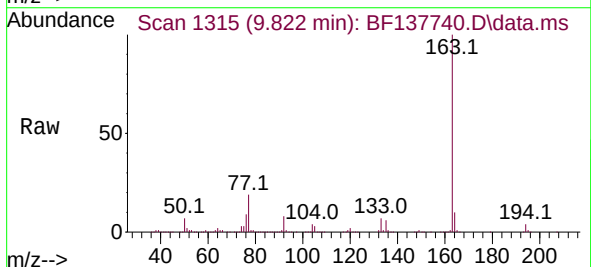
Manual Integrations

APPROVED

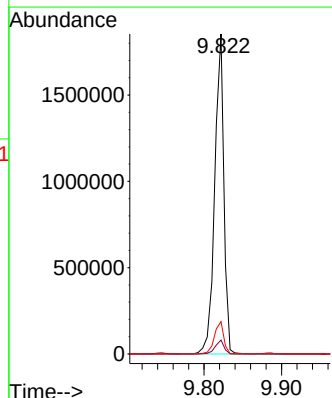
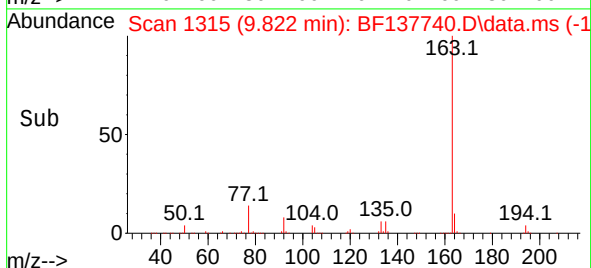
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

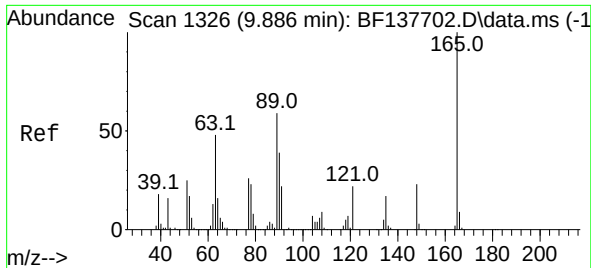


#50
Dimethylphthalate
Concen: 40.581 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53



Tgt Ion:163 Resp: 1517687
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 42.637 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

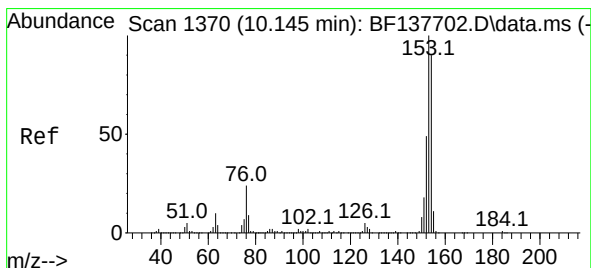
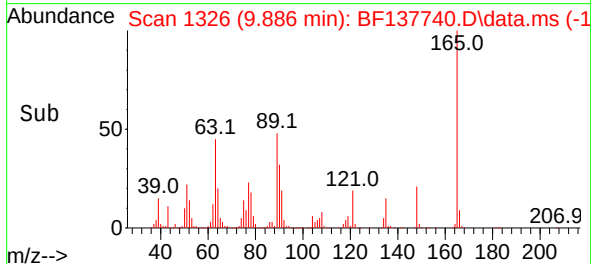
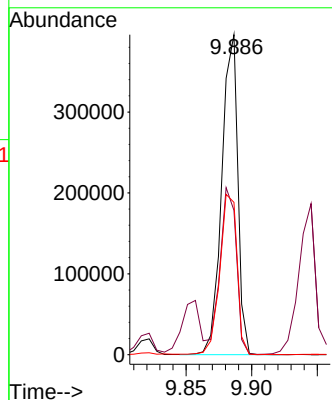
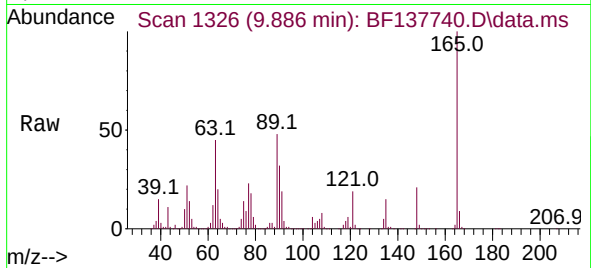
RT-3860MS

Tgt Ion:165 Resp: 335978
Ion Ratio Lower Upper
165 100
63 45.1 47.7 71.5
89 47.6 47.3 70.9

Manual Integrations

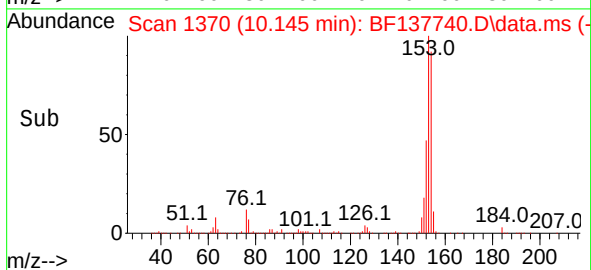
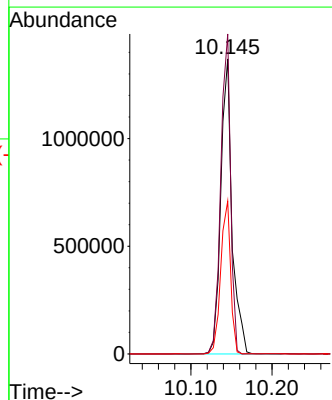
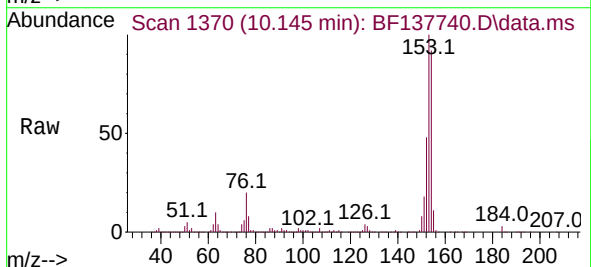
APPROVED

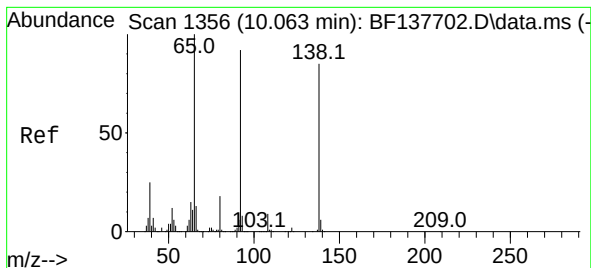
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#52
Acenaphthene
Concen: 43.585 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

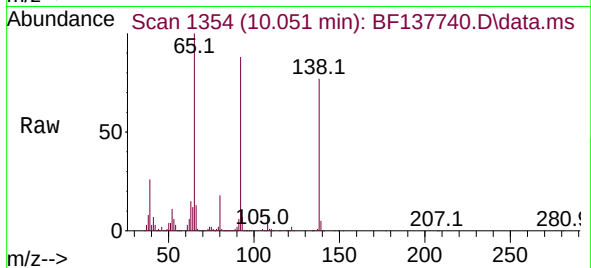
Tgt Ion:154 Resp: 1324847
Ion Ratio Lower Upper
154 100
153 108.4 88.5 132.7
152 51.8 43.3 64.9





#53
3-Nitroaniline
Concen: 25.218 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.012 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

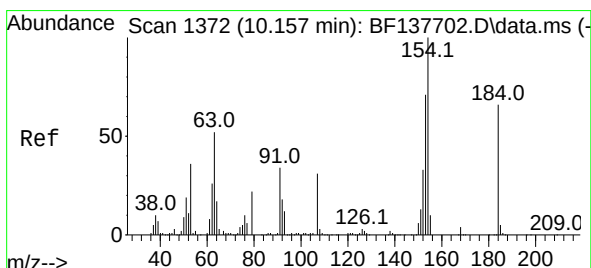
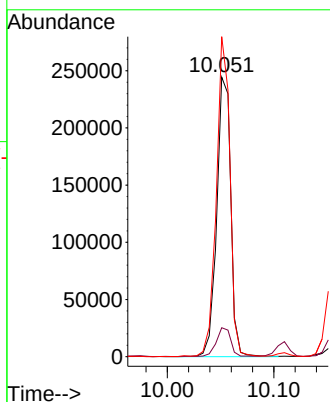
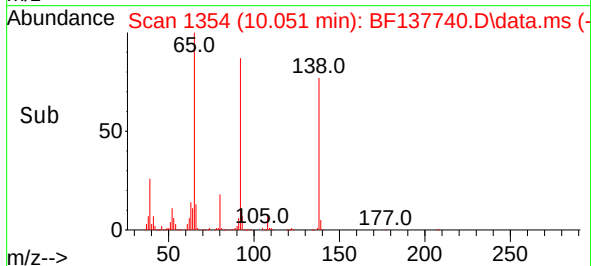
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



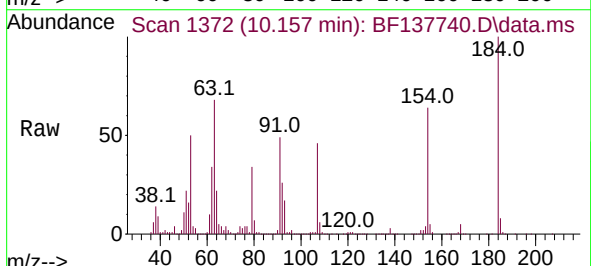
Tgt Ion:138 Resp: 22331
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 114.5 86.9 130.3

Manual Integrations
APPROVED

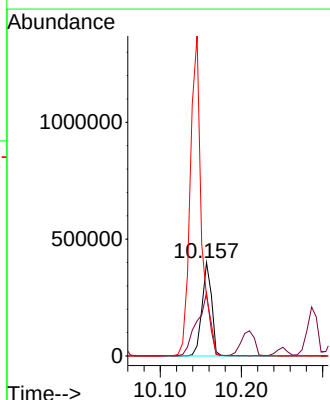
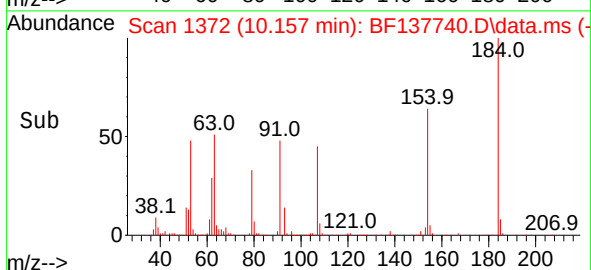
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

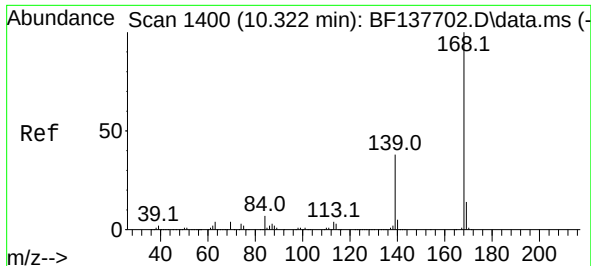


#54
2,4-Dinitrophenol
Concen: 79.089 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53



Tgt Ion:184 Resp: 330834
Ion Ratio Lower Upper
184 100
63 67.6 63.5 95.3
154 63.7 123.0 184.6#





#55

Dibenzofuran

Concen: 40.500 ng

RT: 10.316 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:168 Resp: 1804548

Ion Ratio Lower Upper

168 100

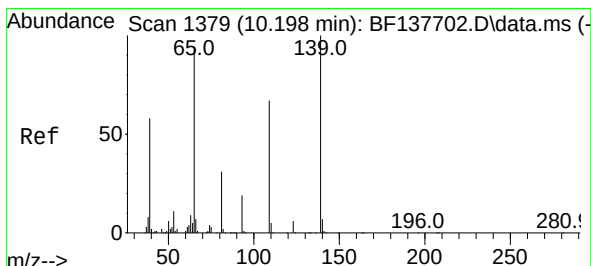
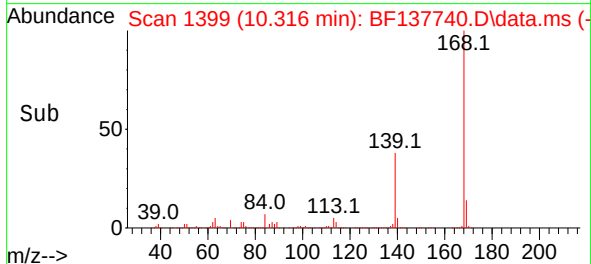
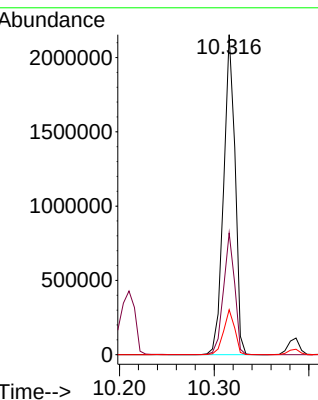
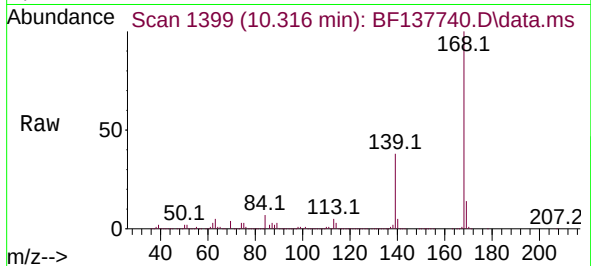
139 38.1 30.1 45.1

169 14.1 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#56

4-Nitrophenol

Concen: 68.653 ng

RT: 10.210 min Scan# 1381

Delta R.T. 0.012 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

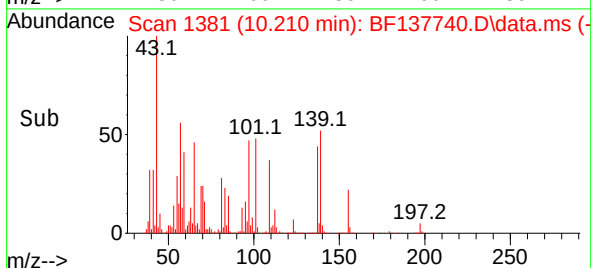
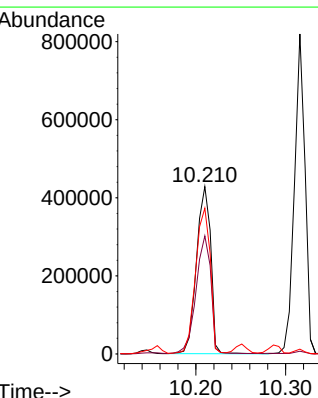
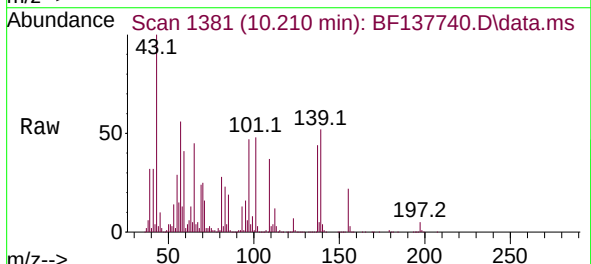
Tgt Ion:139 Resp: 472778

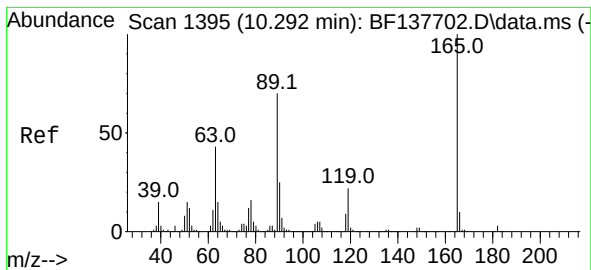
Ion Ratio Lower Upper

139 100

109 70.6 46.9 86.9

65 87.1 75.8 115.8





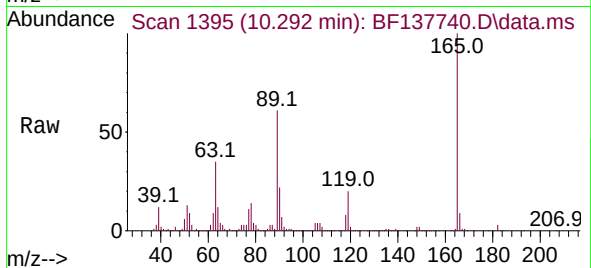
#57
2,4-Dinitrotoluene
Concen: 44.934 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

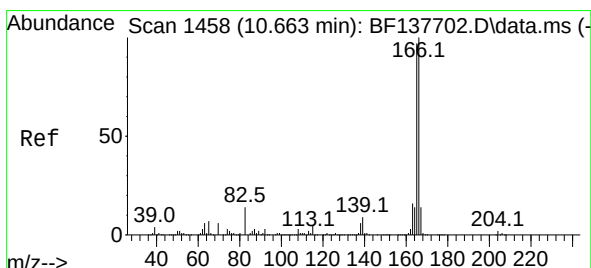
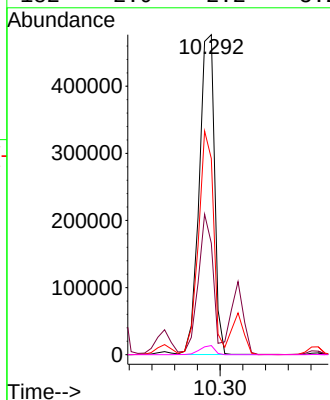
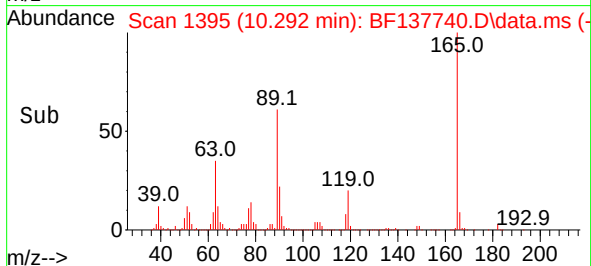


Tgt Ion:165 Resp: 446379
Ion Ratio Lower Upper
165 100
63 34.9 34.1 51.1
89 61.3 56.4 84.6
182 2.9 2.2 3.2

Manual Integrations

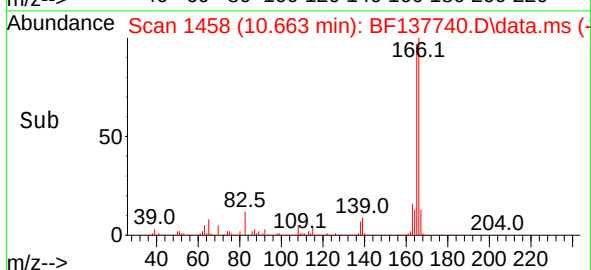
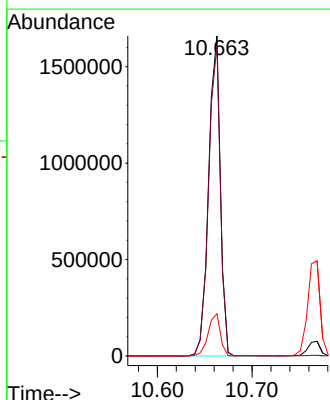
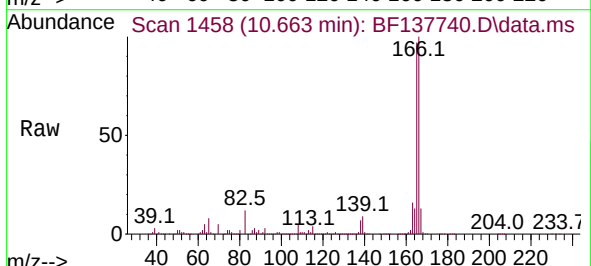
APPROVED

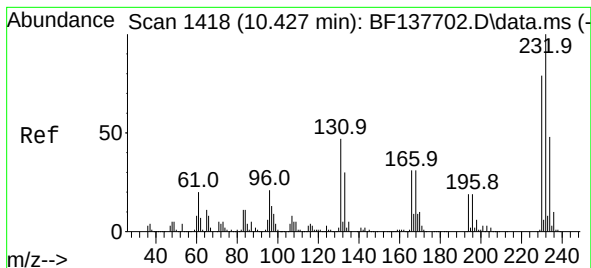
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#58
Fluorene
Concen: 40.829 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

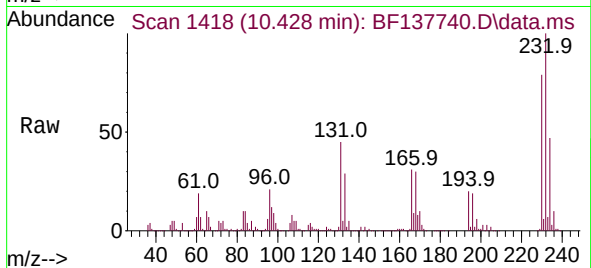
Tgt Ion:166 Resp: 1421485
Ion Ratio Lower Upper
166 100
165 97.0 77.8 116.6
167 13.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.752 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

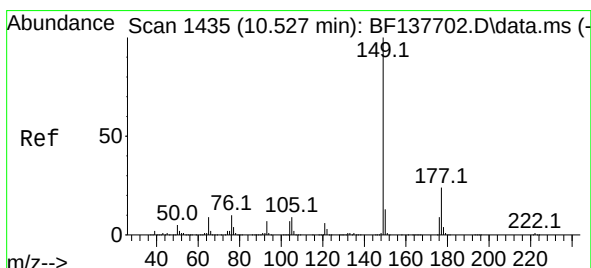
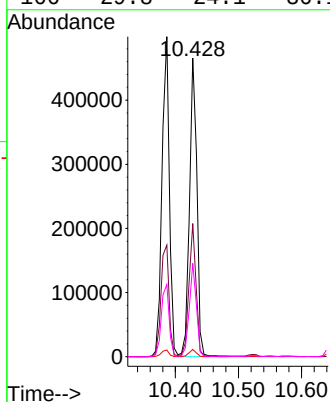
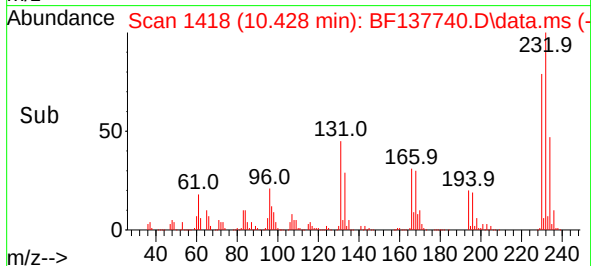
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



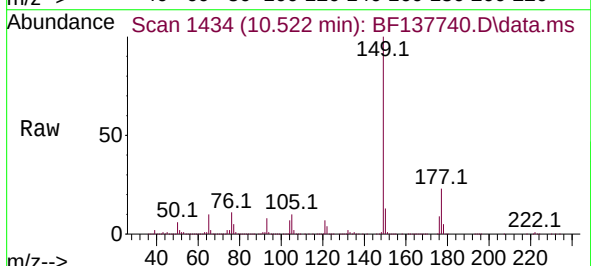
Tgt Ion:232 Resp: 382510
Ion Ratio Lower Upper
232 100
131 42.5 36.4 54.6
130 2.3 1.8 2.6
166 29.8 24.1 36.1

Manual Integrations
APPROVED

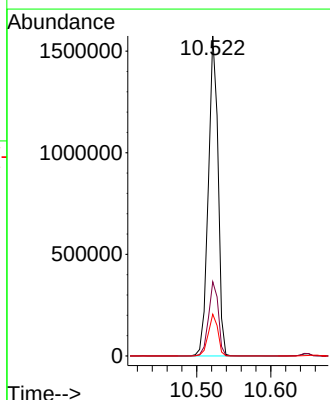
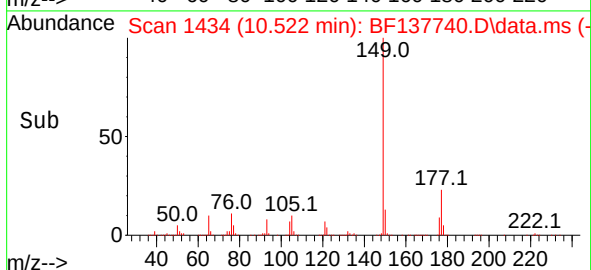
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

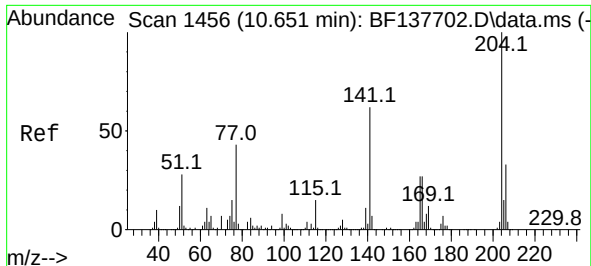


#60
Diethylphthalate
Concen: 39.896 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53



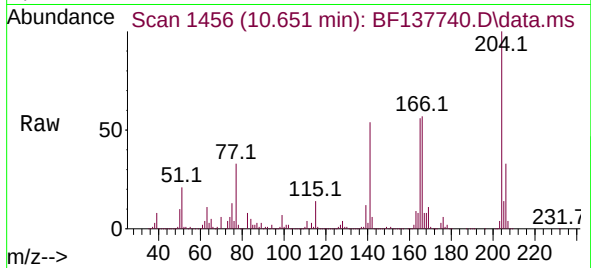
Tgt Ion:149 Resp: 1435130
Ion Ratio Lower Upper
149 100
177 23.2 19.0 28.4
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.687 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

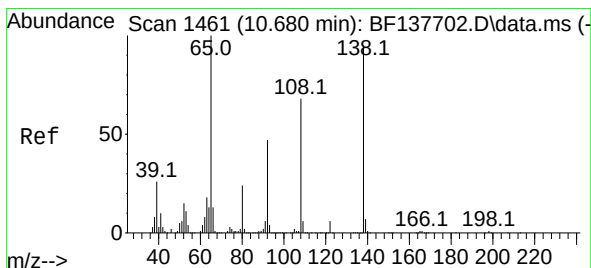
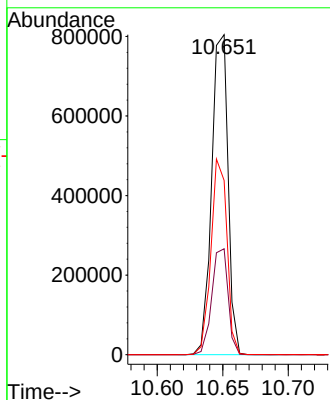
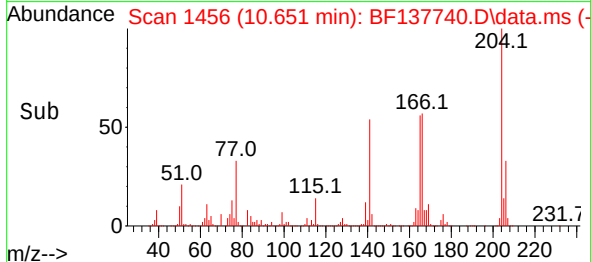
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:204 Resp: 699928
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 54.5 49.4 74.2

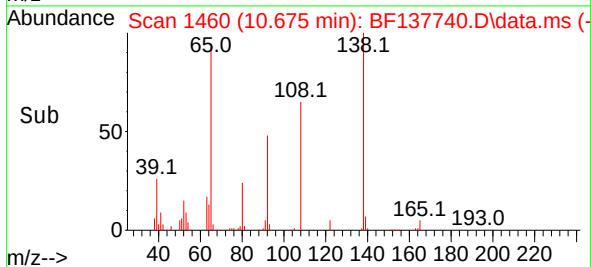
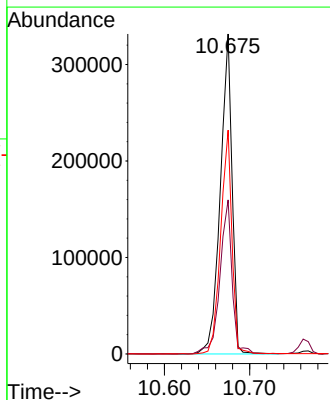
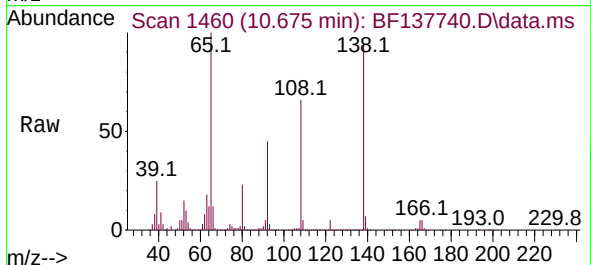
Manual Integrations
APPROVED

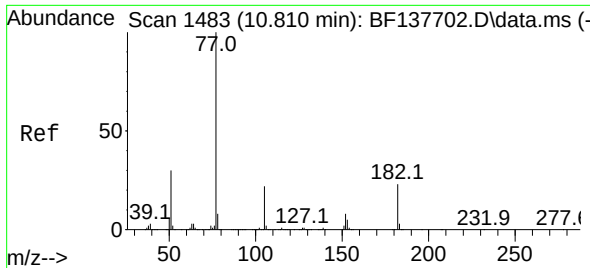
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#62
4-Nitroaniline
Concen: 37.841 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

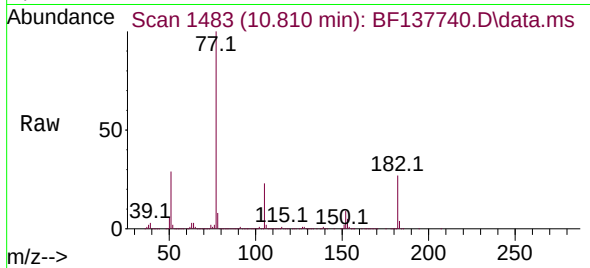
Tgt Ion:138 Resp: 319175
Ion Ratio Lower Upper
138 100
92 48.1 29.8 69.8
108 69.9 51.1 91.1





#63
Azobenzene
Concen: 38.732 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

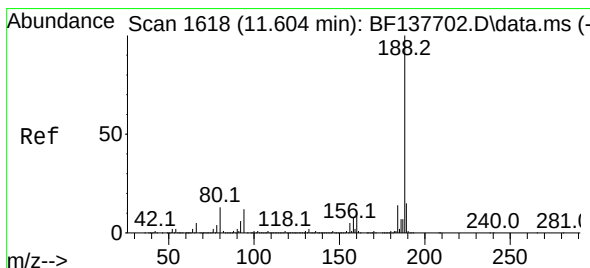
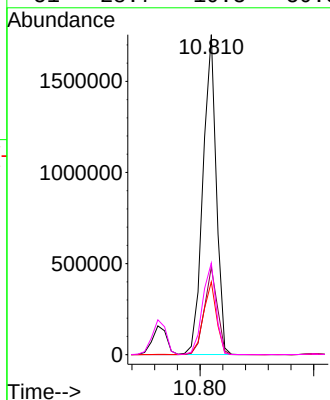
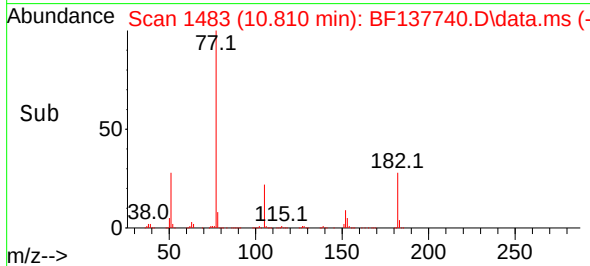
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion: 77 Resp: 1427694
Ion Ratio Lower Upper
77 100
182 27.4 3.1 43.1
105 22.8 1.6 41.6
51 28.7 10.3 50.3

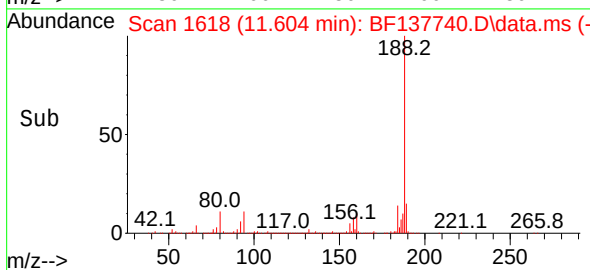
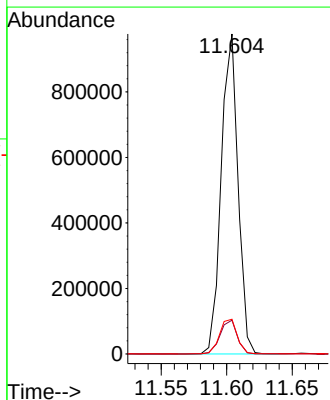
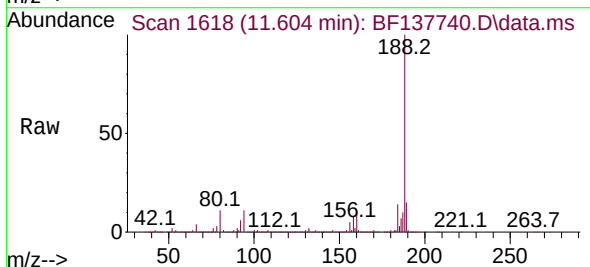
Manual Integrations
APPROVED

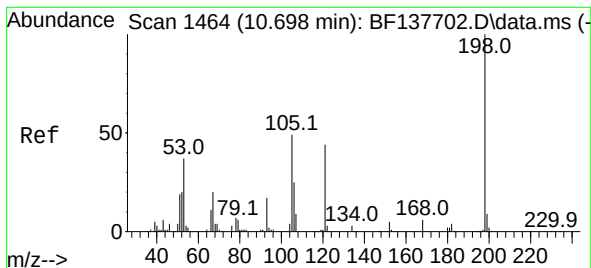
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

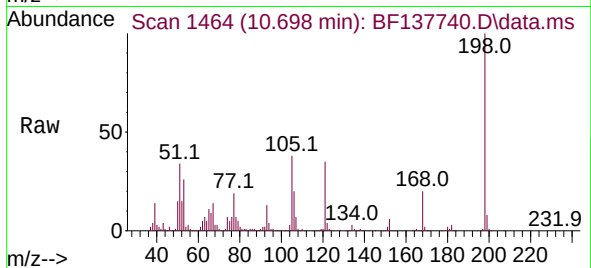
Tgt Ion:188 Resp: 866162
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.9 10.2 15.4





#65
4,6-Dinitro-2-methylphenol
Concen: 47.388 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

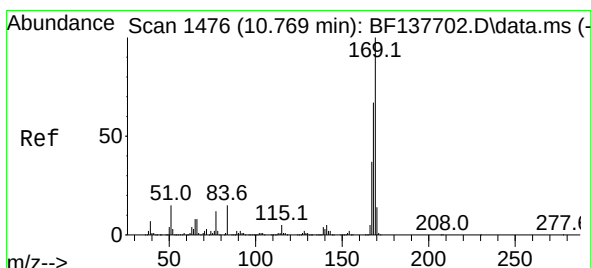
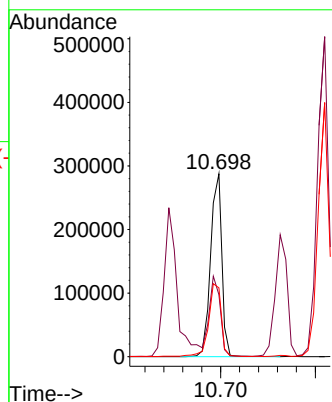
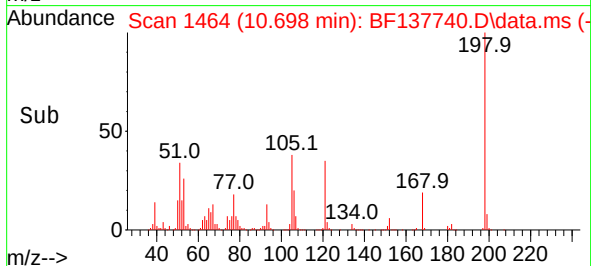
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



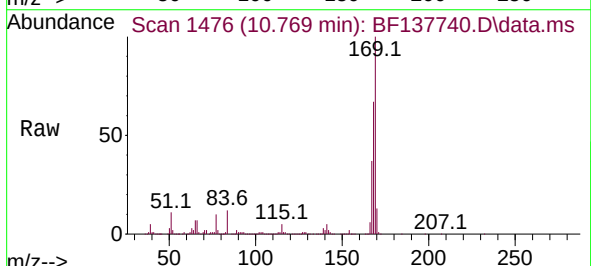
Tgt Ion:198 Resp: 235342
Ion Ratio Lower Upper
198 100
51 33.9 33.5 73.5
105 37.7 29.3 69.3

Manual Integrations
APPROVED

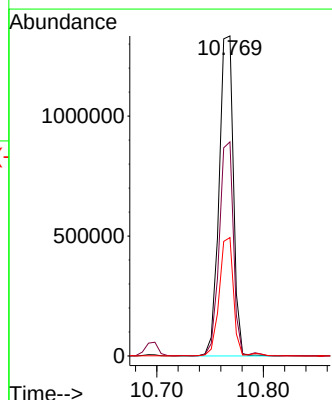
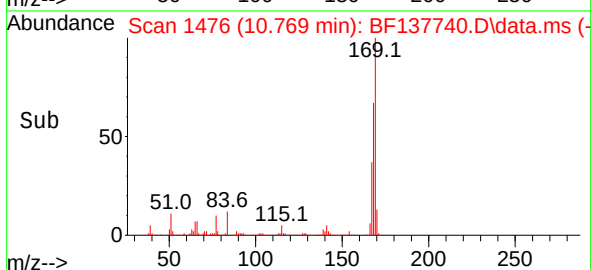
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

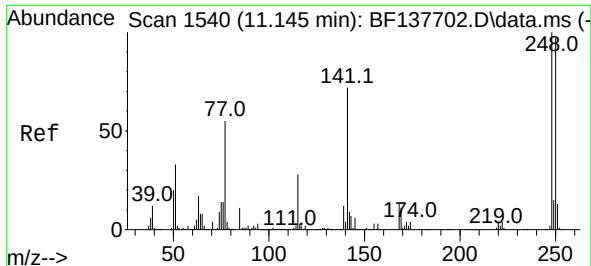


#66
n-Nitrosodiphenylamine
Concen: 42.260 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53



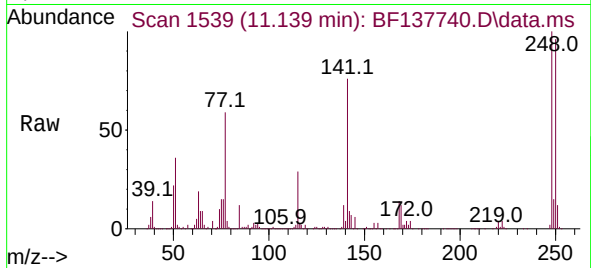
Tgt Ion:169 Resp: 1239736
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 37.0 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 43.374 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

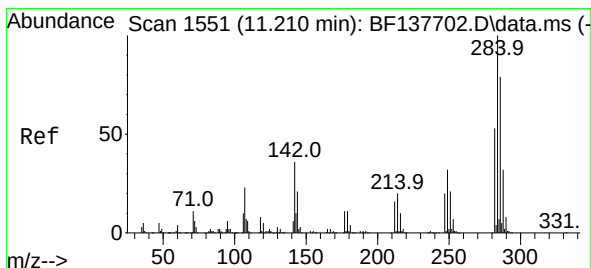
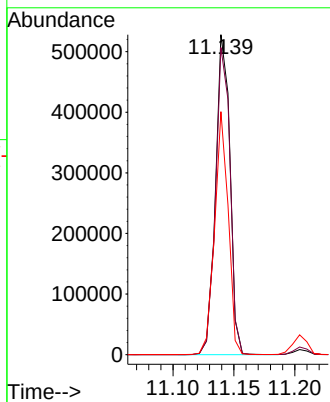
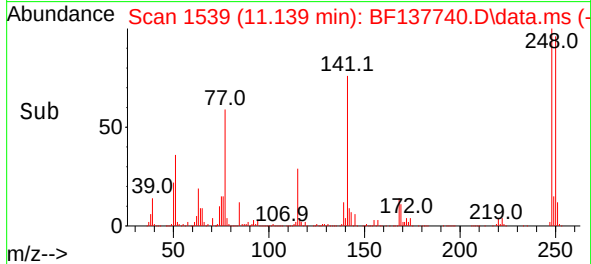
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



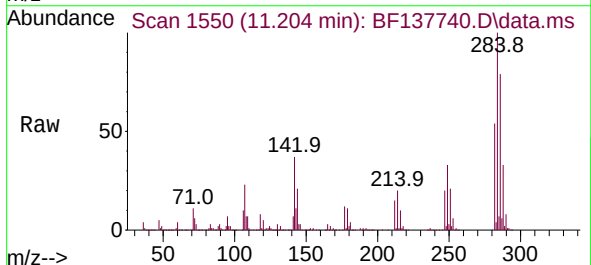
Tgt Ion:248 Resp: 435320
Ion Ratio Lower Upper
248 100
250 96.0 77.4 116.0
141 76.0 57.9 86.9

Manual Integrations
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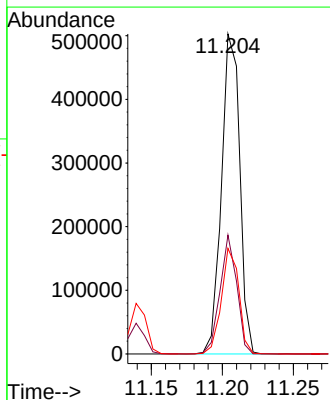
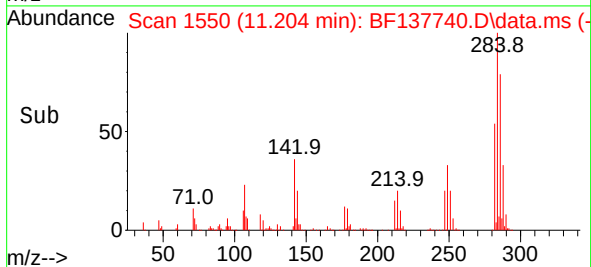
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

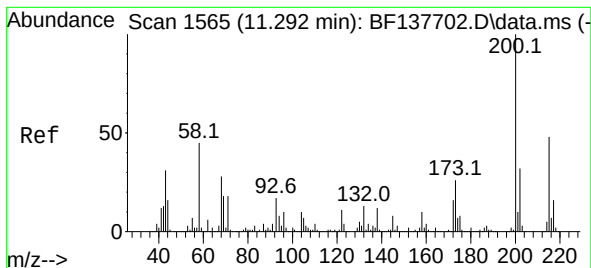


#68
Hexachlorobenzene
Concen: 45.874 ng
RT: 11.204 min Scan# 1550
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53



Tgt Ion:284 Resp: 448540
Ion Ratio Lower Upper
284 100
142 37.2 28.5 42.7
249 33.0 25.6 38.4





#69

Atrazine

Concen: 50.815 ng

RT: 11.286 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:200 Resp: 412080

Ion Ratio Lower Upper

200 100

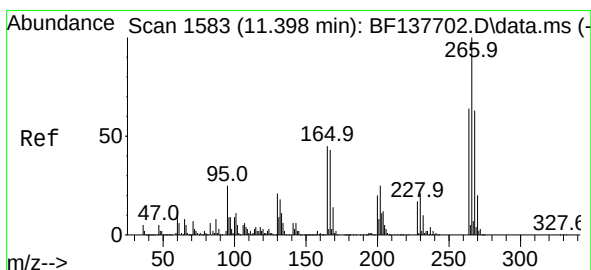
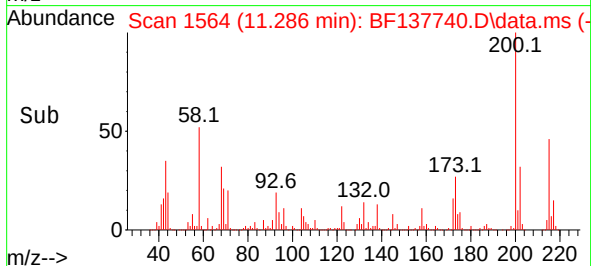
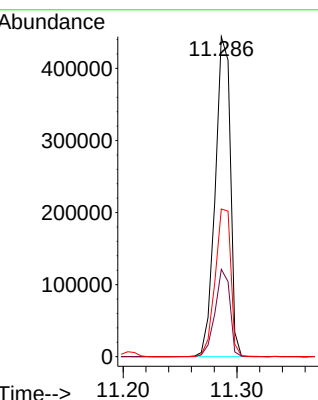
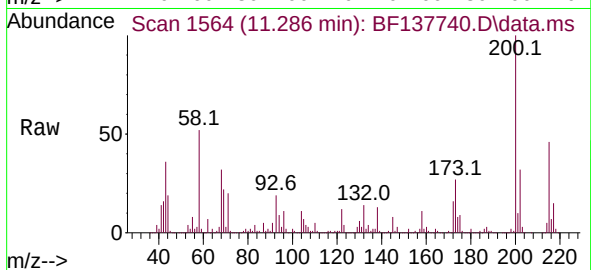
173 27.3 6.3 46.3

215 46.2 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#70

Pentachlorophenol

Concen: 75.594 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

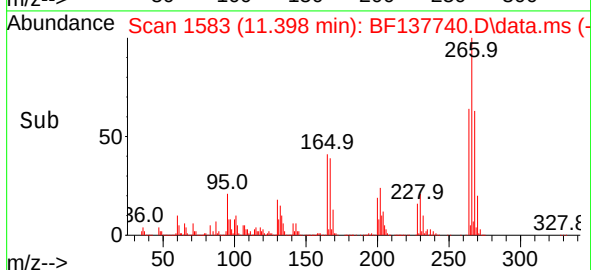
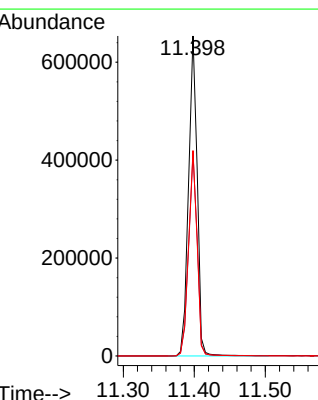
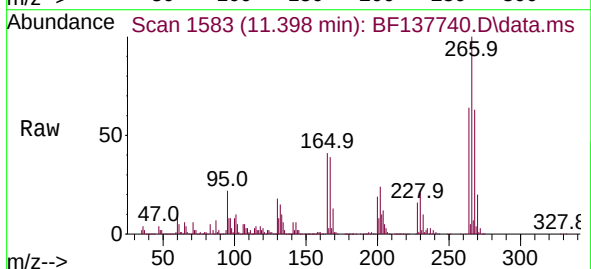
Tgt Ion:266 Resp: 556013

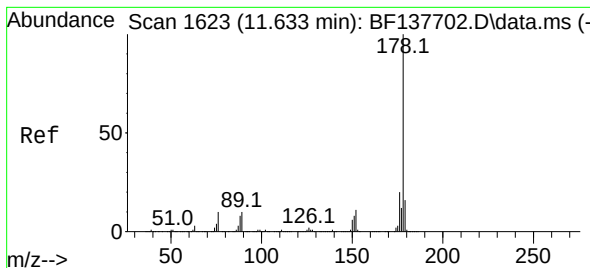
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

264 64.2 51.4 77.0





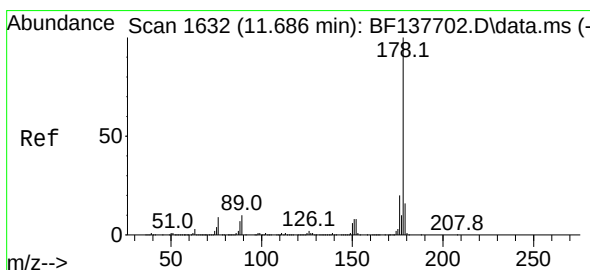
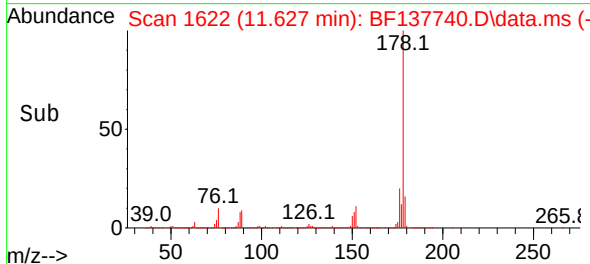
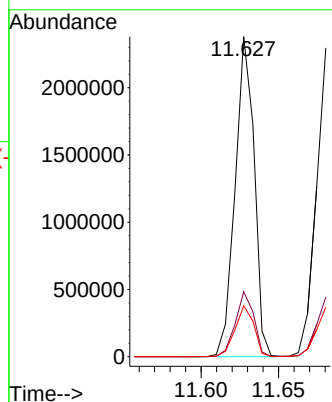
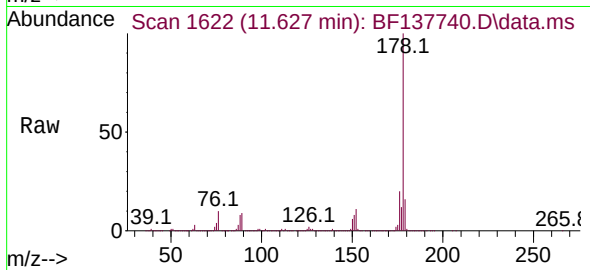
#71
Phenanthrene
Concen: 44.378 ng
RT: 11.627 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :
BNA_F
ClientSampleId :
RT-3860MS

Tgt Ion:178 Resp: 2034768
Ion Ratio Lower Upper
178 100
176 20.3 16.4 24.6
179 15.9 12.8 19.2

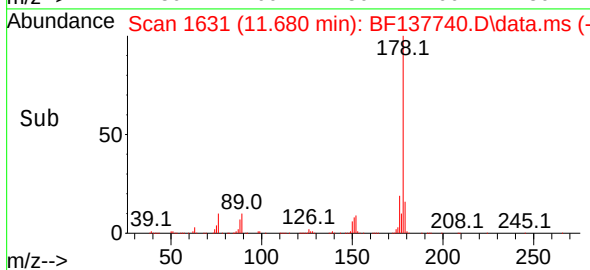
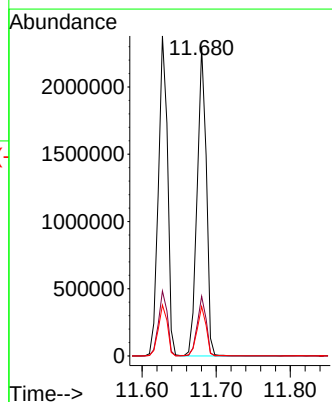
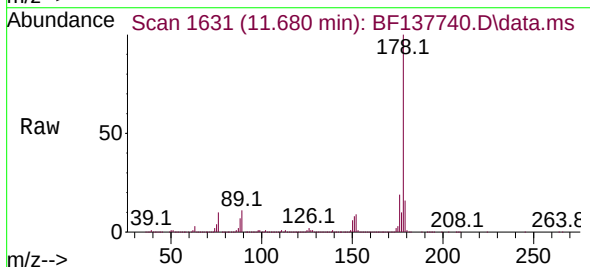
Manual Integrations
APPROVED

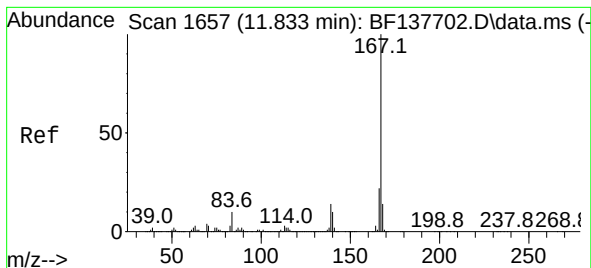
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#72
Anthracene
Concen: 41.841 ng
RT: 11.680 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

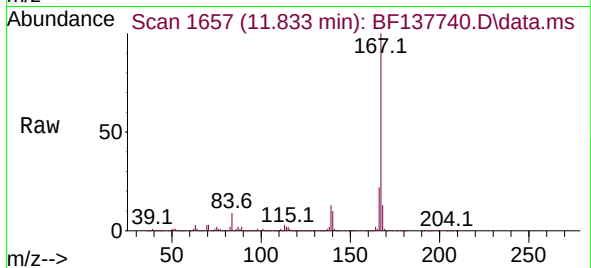
Tgt Ion:178 Resp: 1964470
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 16.0 13.0 19.6





#73
 Carbazole
 Concen: 39.286 ng
 RT: 11.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137740.D
 Acq: 26 Apr 2024 17:53

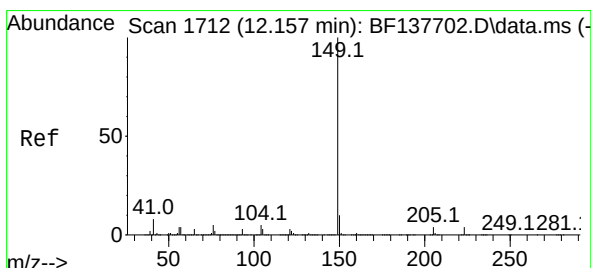
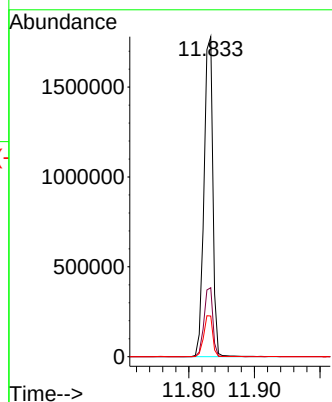
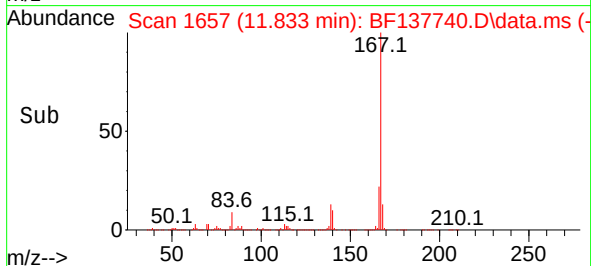
Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MS



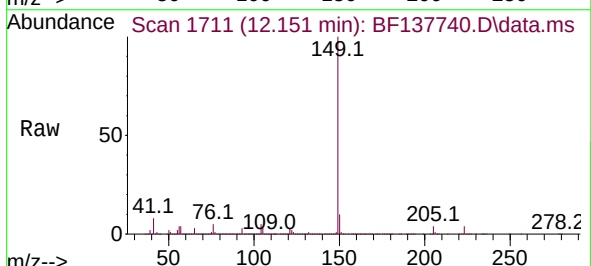
Tgt Ion:167 Resp: 1671614
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 12.7 10.9 16.3

Manual Integrations
 APPROVED

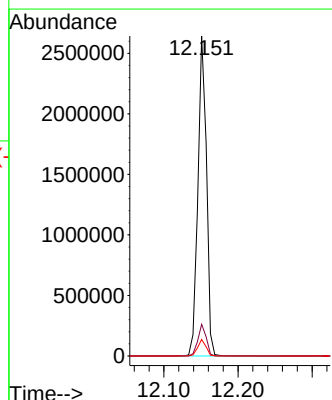
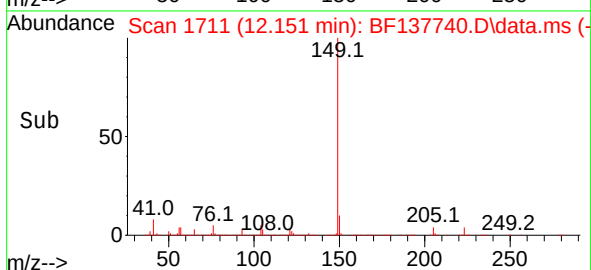
Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024

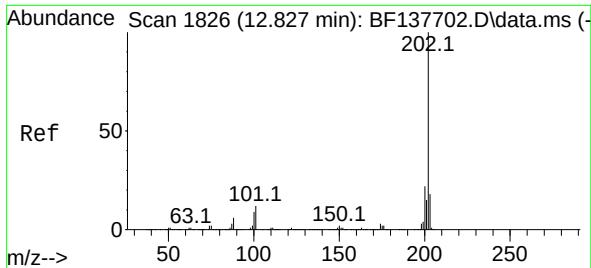


#74
 Di-n-butylphthalate
 Concen: 40.662 ng
 RT: 12.151 min Scan# 1711
 Delta R.T. -0.006 min
 Lab File: BF137740.D
 Acq: 26 Apr 2024 17:53



Tgt Ion:149 Resp: 2109080
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.1 4.2 6.4





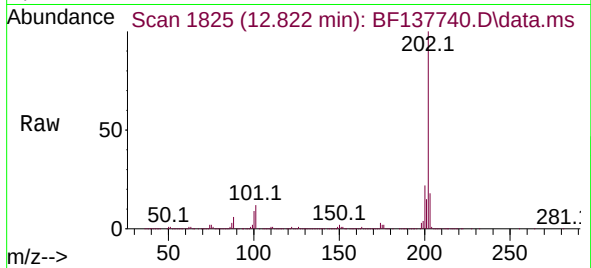
#75
Fluoranthene
Concen: 41.718 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

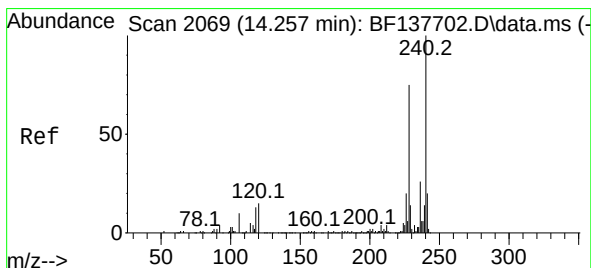
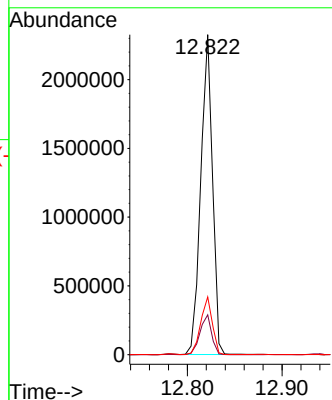
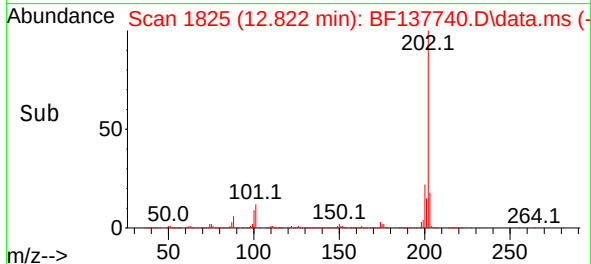


Tgt Ion:202 Resp: 201054
Ion Ratio Lower Upper
202 100
101 12.5 0.0 32.2
203 18.0 0.0 38.1

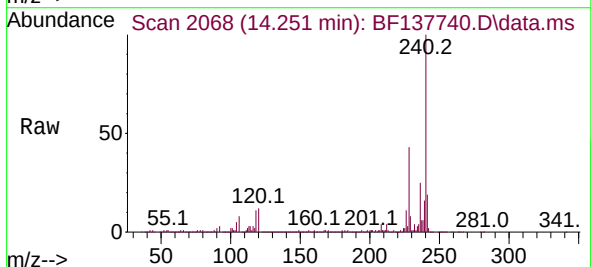
Manual Integrations

APPROVED

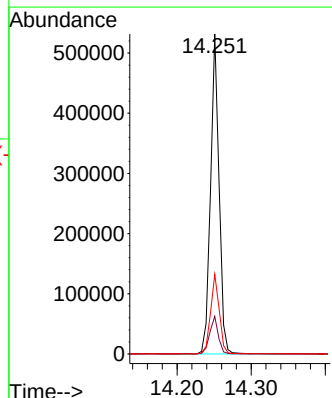
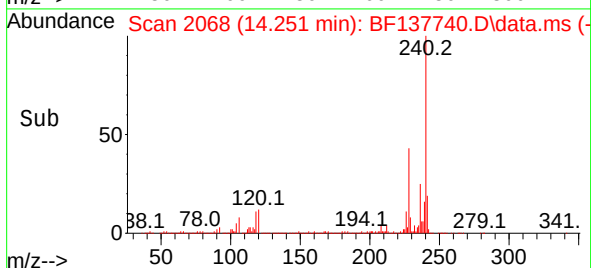
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

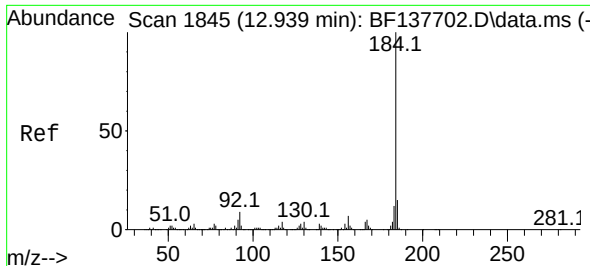


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53



Tgt Ion:240 Resp: 425029
Ion Ratio Lower Upper
240 100
120 11.8 11.9 17.9#
236 24.9 20.8 31.2





#77
Benzidine
Concen: 68.161 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

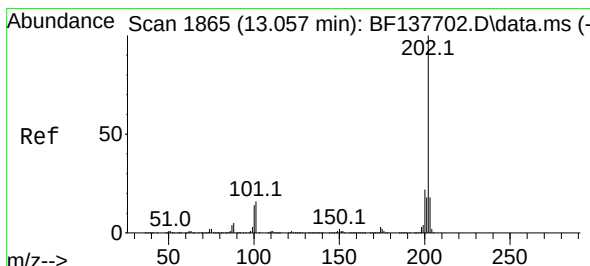
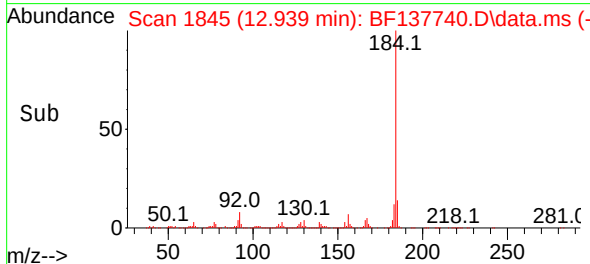
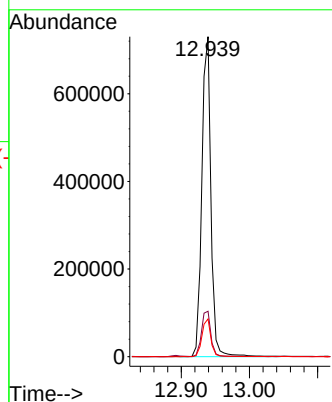
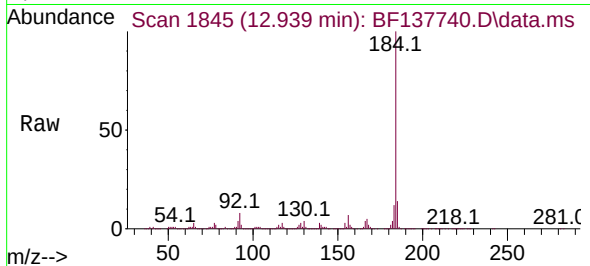
RT-3860MS

Tgt Ion:184 Resp: 676655
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.4
183 11.8 9.4 14.0

Manual Integrations

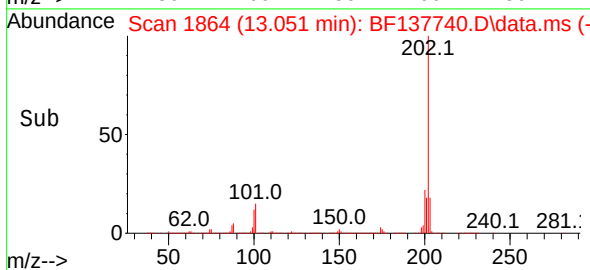
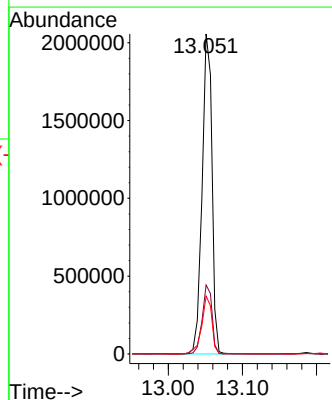
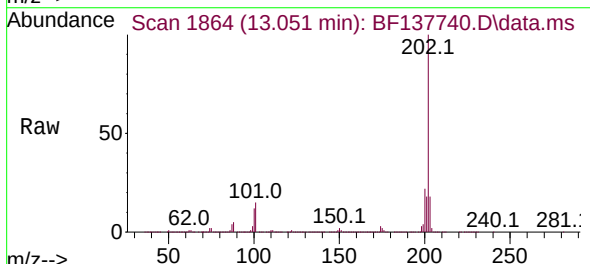
APPROVED

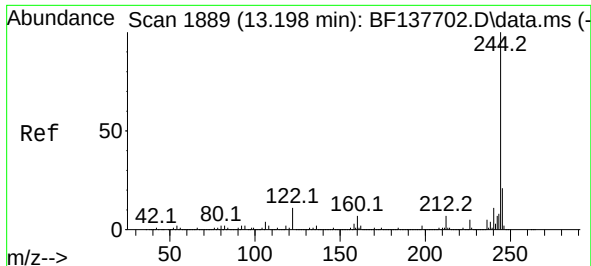
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#78
Pyrene
Concen: 54.737 ng
RT: 13.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Tgt Ion:202 Resp: 1909561
Ion Ratio Lower Upper
202 100
200 21.6 17.8 26.6
203 18.1 14.6 21.8





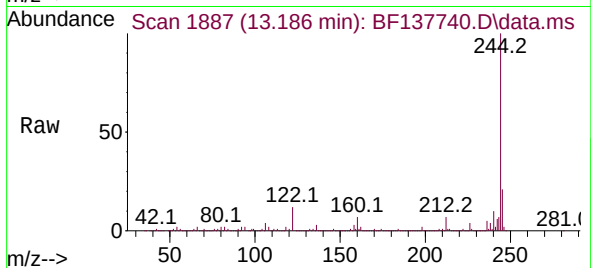
#79
Terphenyl-d14
Concen: 83.650 ng
RT: 13.186 min Scan# 1889
Delta R.T. -0.012 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

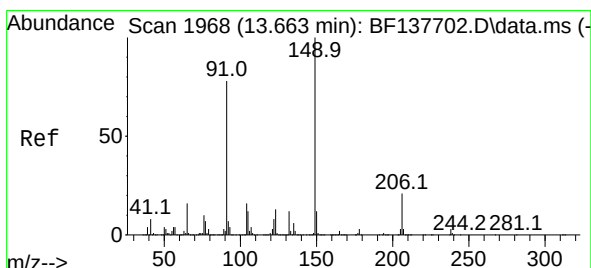
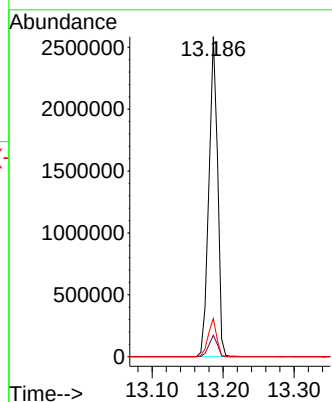
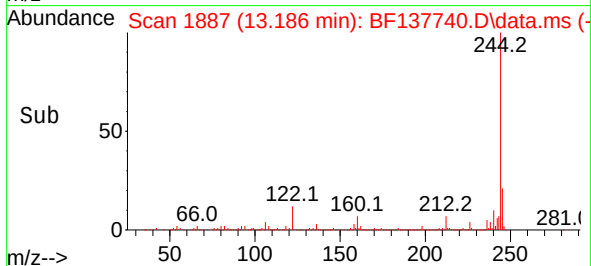


Tgt Ion:244 Resp: 2208910
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 11.9 8.8 13.2

Manual Integrations

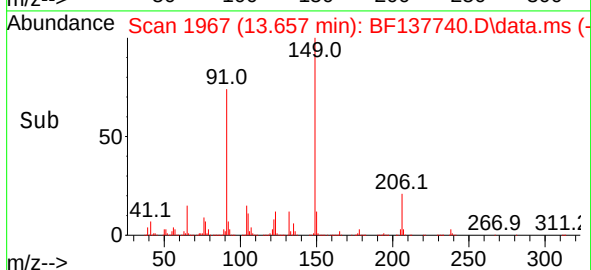
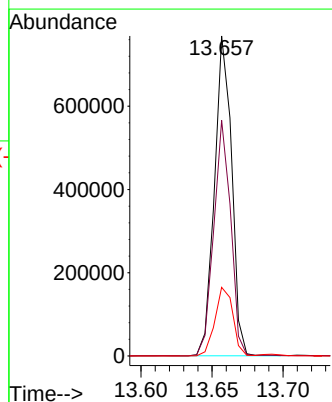
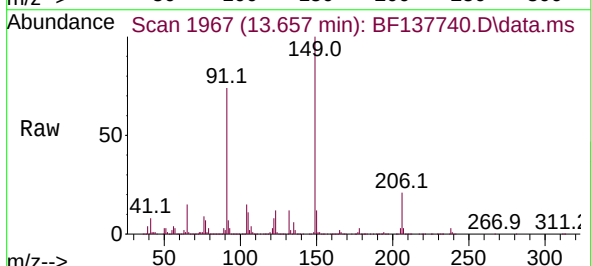
APPROVED

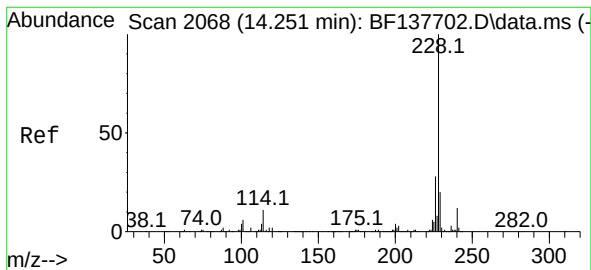
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#80
Butylbenzylphthalate
Concen: 52.546 ng
RT: 13.657 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Tgt Ion:149 Resp: 650071
Ion Ratio Lower Upper
149 100
91 73.6 62.6 93.8
206 21.5 16.5 24.7





#81

Benzo(a)anthracene

Concen: 44.227 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:228 Resp: 131111

Ion Ratio Lower Upper

228 100

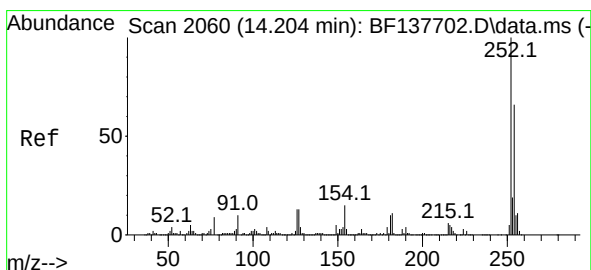
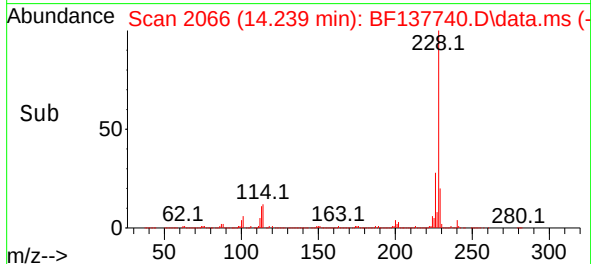
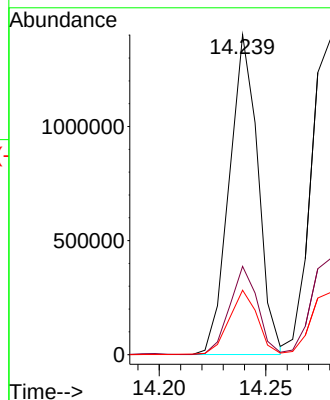
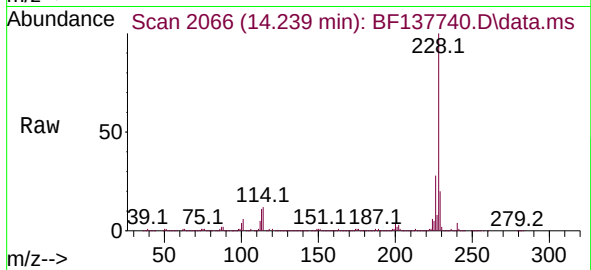
226 27.6 22.7 34.1

229 20.1 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#82

3,3'-Dichlorobenzidine

Concen: 28.643 ng

RT: 14.198 min Scan# 2059

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

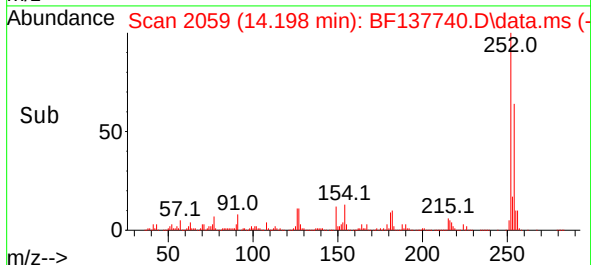
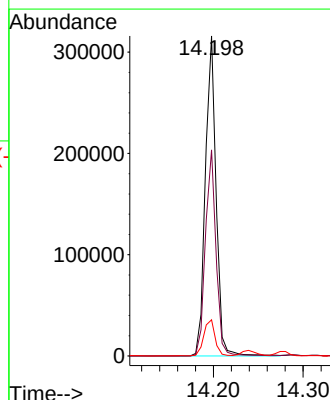
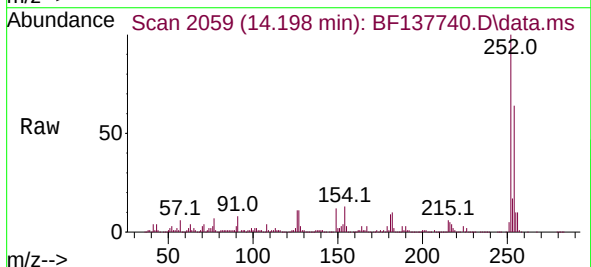
Tgt Ion:252 Resp: 262723

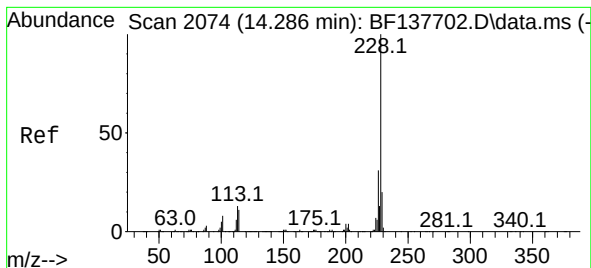
Ion Ratio Lower Upper

252 100

254 64.4 52.6 79.0

126 11.3 10.8 16.2





#83

Chrysene

Concen: 44.830 ng

RT: 14.280 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:228 Resp: 1241752

Ion Ratio Lower Upper

228 100

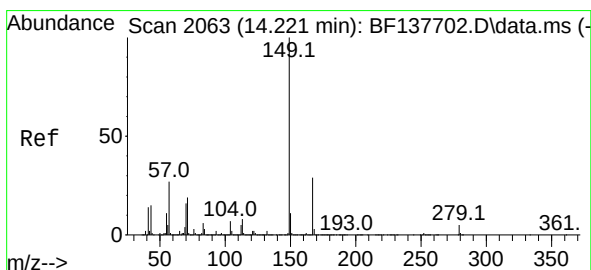
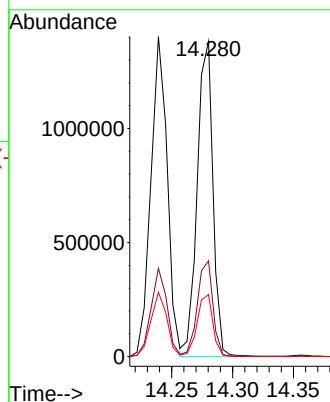
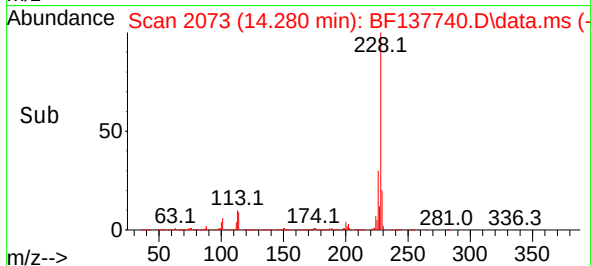
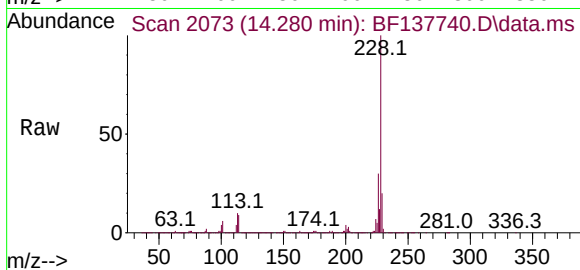
226 30.4 24.7 37.1

229 19.7 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.008 ng

RT: 14.210 min Scan# 2061

Delta R.T. -0.012 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

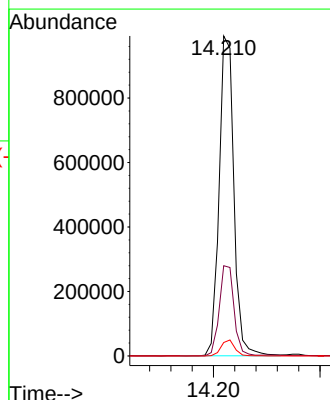
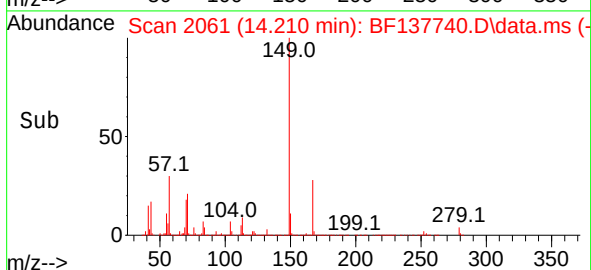
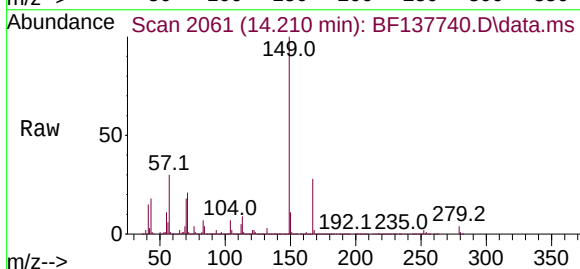
Tgt Ion:149 Resp: 952991

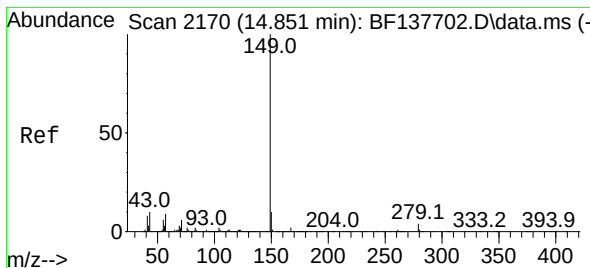
Ion Ratio Lower Upper

149 100

167 28.2 23.4 35.0

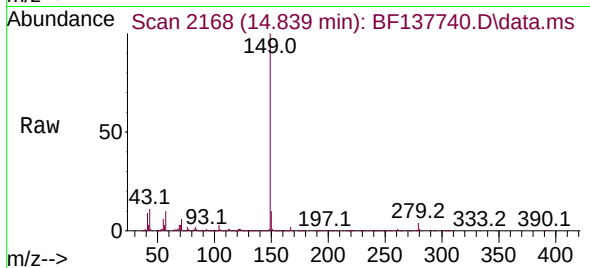
279 4.2 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 48.194 ng
RT: 14.839 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

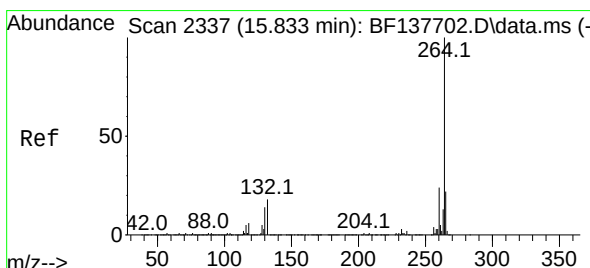
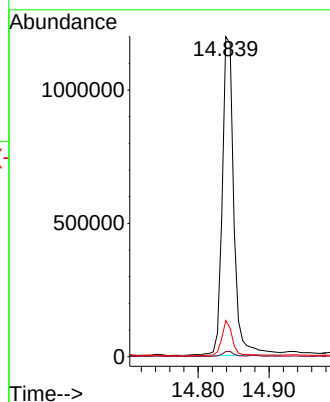
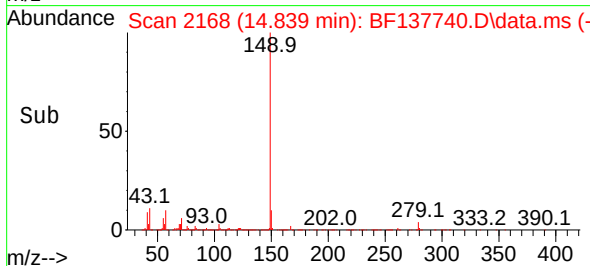
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:149 Resp: 1352539
Ion Ratio Lower Upper
149 100
167 1.9 1.2 1.8
43 10.7 8.8 13.2

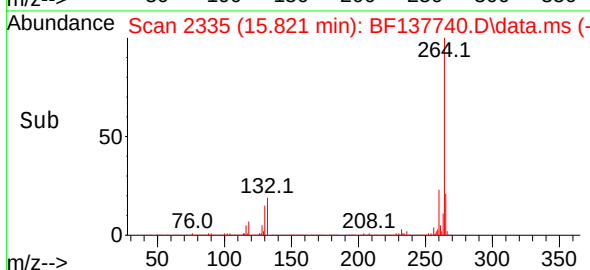
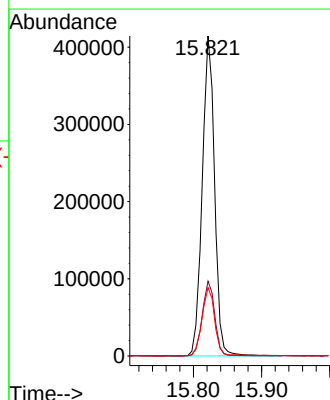
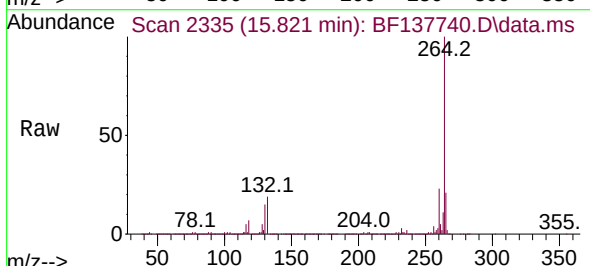
Manual Integrations
APPROVED

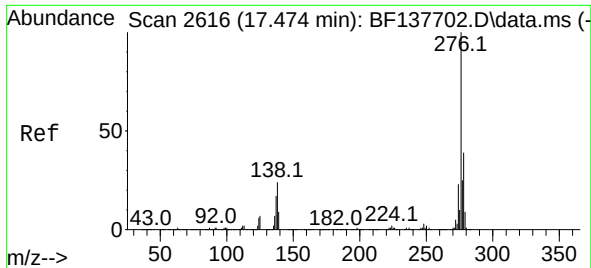
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.821 min Scan# 2335
Delta R.T. -0.012 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

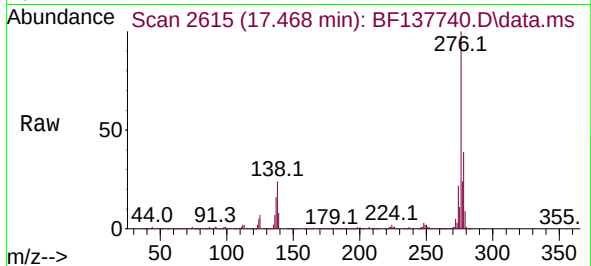
Tgt Ion:264 Resp: 521307
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 21.3 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.772 ng
RT: 17.468 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

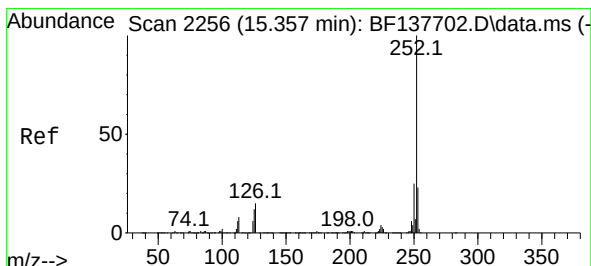
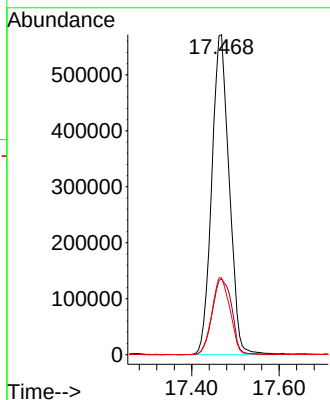
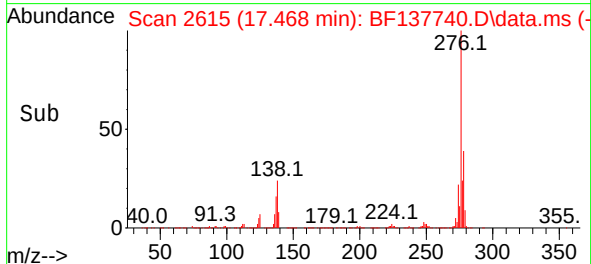
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:276 Resp: 1583200
Ion Ratio Lower Upper
276 100
138 26.5 22.3 33.5
277 25.3 20.2 30.2

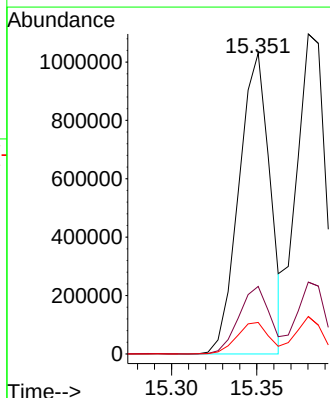
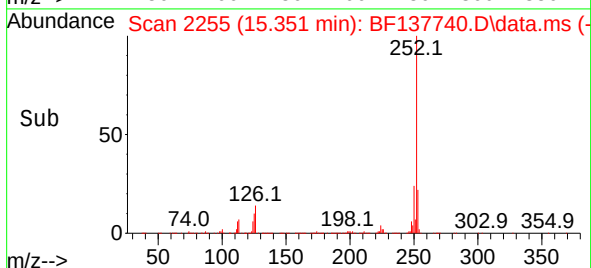
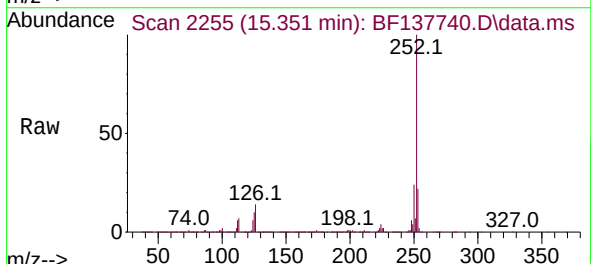
Manual Integrations
APPROVED

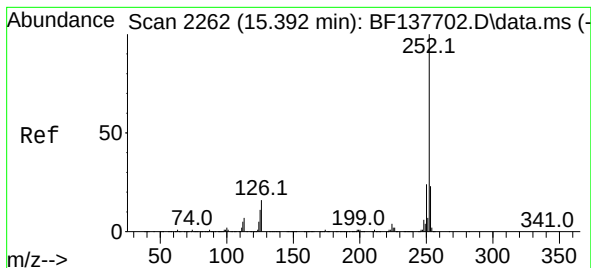
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#88
Benzo(b)fluoranthene
Concen: 39.204 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF137740.D
Acq: 26 Apr 2024 17:53

Tgt Ion:252 Resp: 1307800
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 10.5 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 39.541 ng

RT: 15.380 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:252 Resp: 1296610

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

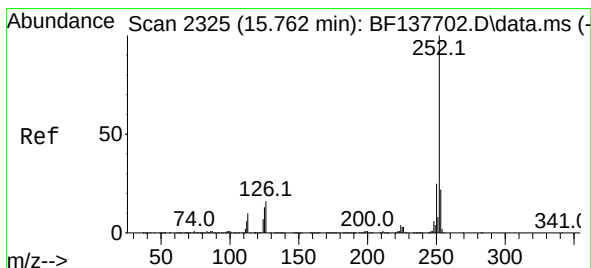
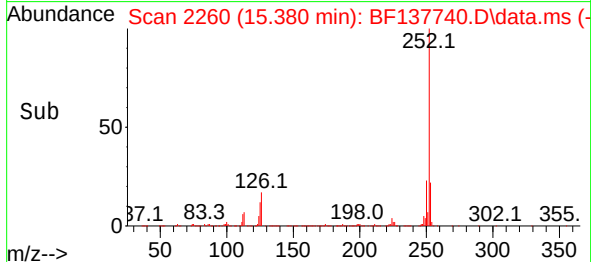
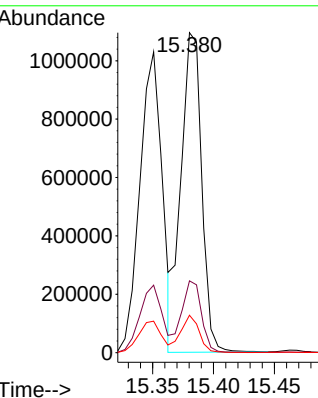
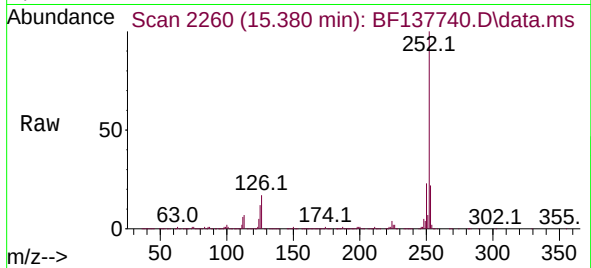
125 11.7 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024

Supervised By :mohammad ahmed 04/30/2024



#90

Benzo(a)pyrene

Concen: 42.474 ng

RT: 15.757 min Scan# 2324

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

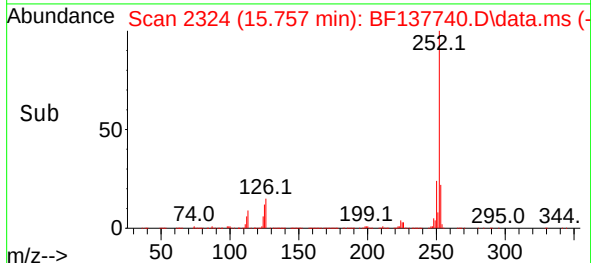
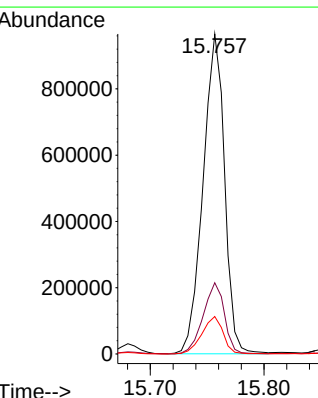
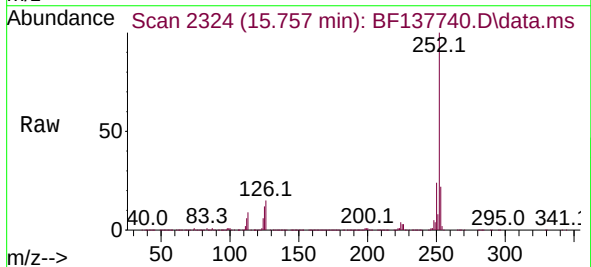
Tgt Ion:252 Resp: 1271055

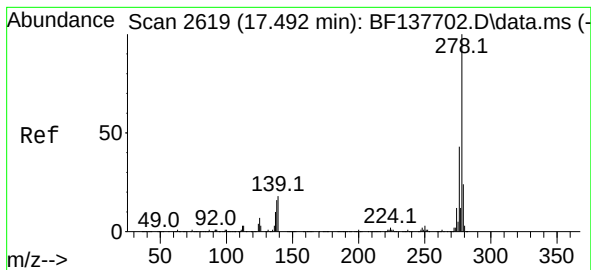
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 11.7 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 53.041 ng

RT: 17.486 min Scan# 2070

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:278 Resp: 127230

Ion Ratio Lower Upper

278 100

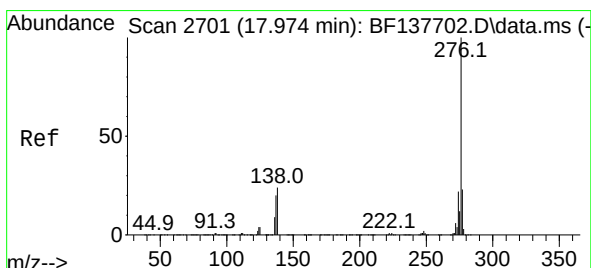
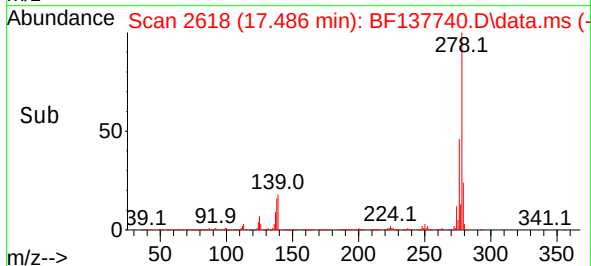
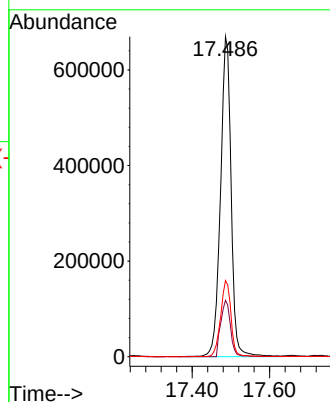
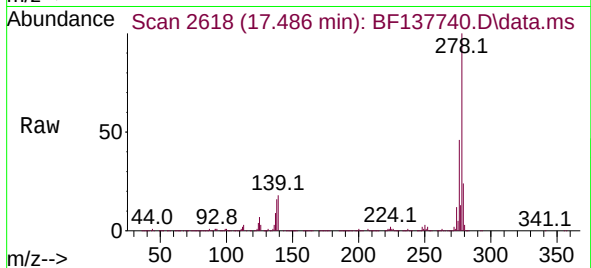
139 17.6 14.7 22.1

279 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#92

Benzo(g,h,i)perylene

Concen: 50.616 ng

RT: 17.968 min Scan# 2700

Delta R.T. -0.006 min

Lab File: BF137740.D

Acq: 26 Apr 2024 17:53

Tgt Ion:276 Resp: 1180607

Ion Ratio Lower Upper

276 100

277 24.1 18.5 27.7

138 23.7 19.5 29.3

