

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137741.D
 Acq On : 26 Apr 2024 18:25
 Operator : CG\JU
 Sample : P2271-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MSD

Quant Time: Apr 26 19:05:56 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	266504	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1059942	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	582399	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	972666	20.000	ng	0.00
76) Chrysene-d12	14.251	240	476679	20.000	ng	0.00
86) Perylene-d12	15.827	264	540439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1803373	102.790	ng	0.01
7) Phenol-d6	6.675	99	2299621	103.218	ng	0.00
23) Nitrobenzene-d5	7.628	82	1414848	70.857	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	665926	113.314	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2617511	67.155	ng	0.00
79) Terphenyl-d14	13.186	244	2593618	87.576	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.052	88	270841	34.476	ng	98
3) Pyridine	3.810	79	692810	33.105	ng	97
4) n-Nitrosodimethylamine	3.757	42	392362	40.173	ng	# 97
6) Aniline	6.722	93	774766	27.940	ng	98
8) 2-Chlorophenol	6.845	128	815340	44.520	ng	99
9) Benzaldehyde	6.616	77	606021	48.469	ng	96
10) Phenol	6.692	94	972881	43.711	ng	99
11) bis(2-Chloroethyl)ether	6.792	93	755215	41.600	ng	100
12) 1,3-Dichlorobenzene	7.004	146	839710	43.722	ng	98
13) 1,4-Dichlorobenzene	7.081	146	854070	44.170	ng	98
14) 1,2-Dichlorobenzene	7.234	146	816140	45.345	ng	100
15) Benzyl Alcohol	7.198	79	681202	40.872	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	1111098	39.797	ng	98
17) 2-Methylphenol	7.298	107	644996	39.640	ng	100
18) Hexachloroethane	7.575	117	299391	43.749	ng	97
19) n-Nitroso-di-n-propyla...	7.469	70	552629	38.359	ng	99
20) 3+4-Methylphenols	7.451	107	838850	39.916	ng	95
22) Acetophenone	7.469	105	1095012	42.238	ng	99
24) Nitrobenzene	7.645	77	832900	41.287	ng	98
25) Isophorone	7.881	82	1513413	40.810	ng	99
26) 2-Nitrophenol	7.957	139	429887	48.559	ng	94
27) 2,4-Dimethylphenol	7.981	122	617094	34.551	ng	98
28) bis(2-Chloroethoxy)met...	8.087	93	910824	40.211	ng	99
29) 2,4-Dichlorophenol	8.192	162	685828	43.814	ng	98
30) 1,2,4-Trichlorobenzene	8.287	180	699755	43.859	ng	97
31) Naphthalene	8.369	128	2299667	42.517	ng	100
32) Benzoic acid	8.098	122	529513	46.823	ng	97
33) 4-Chloroaniline	8.410	127	287185	12.544	ng	97
34) Hexachlorobutadiene	8.481	225	409560	42.819	ng	98
35) Caprolactam	8.781	113	226232m	44.703	ng	
36) 4-Chloro-3-methylphenol	8.881	107	714262	43.023	ng	99
37) 2-Methylnaphthalene	9.063	142	1512238	40.735	ng	100
38) 1-Methylnaphthalene	9.163	142	1397348	40.258	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	701688	43.947	ng	99
41) Hexachlorocyclopentadiene	9.210	237	802259	89.675	ng	98
43) 2,4,6-Trichlorophenol	9.334	196	503685	44.968	ng	99

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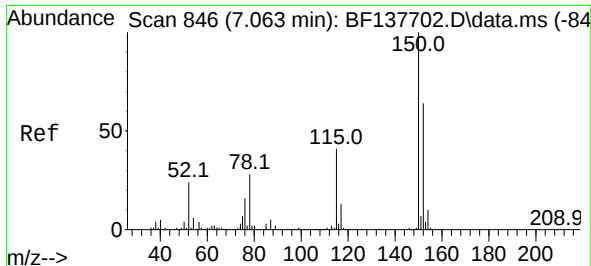
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	525393	40.928	ng	98
46) 1,1'-Biphenyl	9.528	154	1814149	42.819	ng	98
47) 2-Chloronaphthalene	9.551	162	1433516	43.892	ng	100
48) 2-Nitroaniline	9.645	65	436861	43.896	ng	92
49) Acenaphthylene	9.975	152	2257031	44.314	ng	100
50) Dimethylphthalate	9.822	163	1705757	42.037	ng	100
51) 2,6-Dinitrotoluene	9.886	165	389086	45.510	ng	85
52) Acenaphthene	10.145	154	1498265	45.430	ng	99
53) 3-Nitroaniline	10.057	138	247290	25.739	ng	99
54) 2,4-Dinitrophenol	10.157	184	400564	87.611	ng	# 50
55) Dibenzofuran	10.316	168	2051287	42.432	ng	98
56) 4-Nitrophenol	10.210	139	562343	75.263	ng	96
57) 2,4-Dinitrotoluene	10.292	165	520398	48.282	ng	94
58) Fluorene	10.663	166	1606697	42.535	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.428	232	440679	44.334	ng	97
60) Diethylphthalate	10.522	149	1621338	41.543	ng	99
61) 4-Chlorophenyl-phenyle...	10.651	204	791488	42.406	ng	92
62) 4-Nitroaniline	10.680	138	381096	41.644	ng	97
63) Azobenzene	10.810	77	1617434	40.443	ng	95
65) 4,6-Dinitro-2-methylph...	10.698	198	281390	50.456	ng	86
66) n-Nitrosodiphenylamine	10.769	169	1417601	43.032	ng	99
67) 4-Bromophenyl-phenylether	11.139	248	493040	43.745	ng	98
68) Hexachlorobenzene	11.210	284	519276	47.293	ng	# 92
69) Atrazine	11.292	200	470024	51.614	ng	99
70) Pentachlorophenol	11.398	266	660010	79.908	ng	99
71) Phenanthrene	11.633	178	2367196	45.975	ng	99
72) Anthracene	11.680	178	2269194	43.039	ng	99
73) Carbazole	11.833	167	2002304	41.905	ng	100
74) Di-n-butylphthalate	12.151	149	2416897	41.494	ng	100
75) Fluoranthene	12.822	202	2405537	44.448	ng	99
77) Benzidine	12.939	184	818656	73.530	ng	98
78) Pyrene	13.057	202	2277099	58.200	ng	99
80) Butylbenzylphthalate	13.657	149	777305	56.023	ng	97
81) Benzo(a)anthracene	14.245	228	1552325	46.690	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	332596	32.332	ng	97
83) Chrysene	14.280	228	1425458	45.886	ng	99
84) Bis(2-ethylhexyl)phtha...	14.216	149	1097488	52.377	ng	100
85) Di-n-octyl phthalate	14.845	149	1561658	49.616	ng	99
87) Indeno(1,2,3-cd)pyrene	17.468	276	1671350	55.775	ng	99
88) Benzo(b)fluoranthene	15.351	252	1507412	43.588	ng	99
89) Benzo(k)fluoranthene	15.386	252	1376372	40.488	ng	98
90) Benzo(a)pyrene	15.757	252	1388958	44.771	ng	100
91) Dibenzo(a,h)anthracene	17.492	278	1349025	54.249	ng	99
92) Benzo(g,h,i)perylene	17.974	276	1225993	50.701	ng	97

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



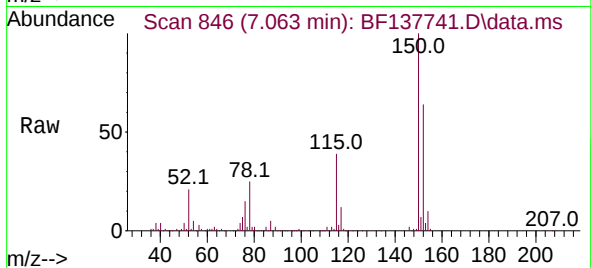
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

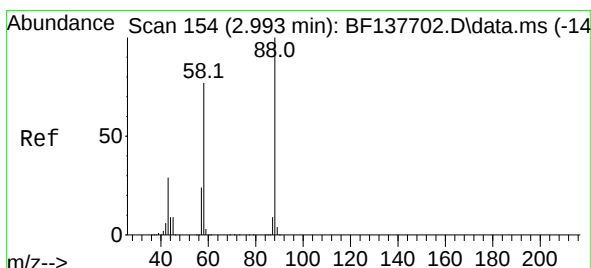
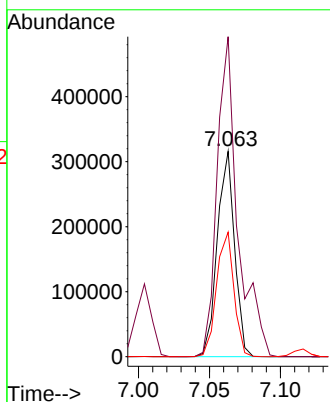
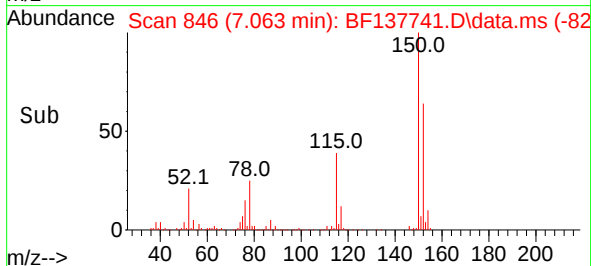


Tgt Ion:152 Resp: 266504
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.4
115 60.6 50.8 76.2

Manual Integrations

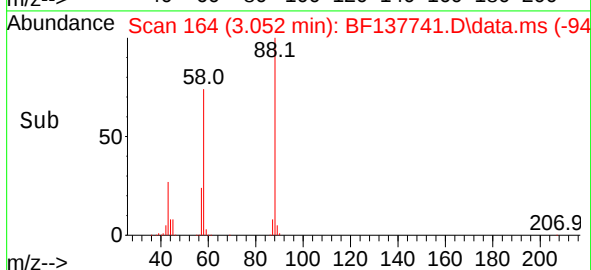
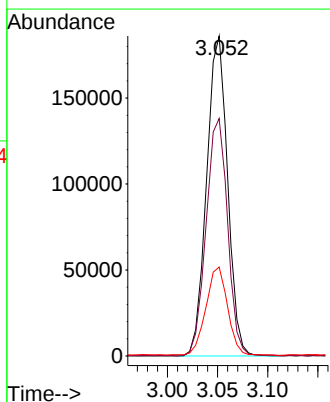
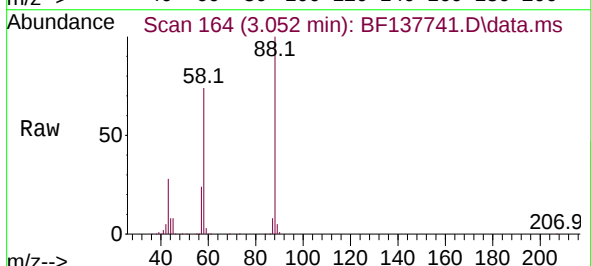
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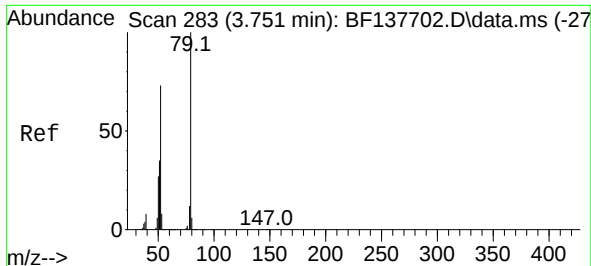
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#2
1,4-Dioxane
Concen: 34.476 ng
RT: 3.052 min Scan# 164
Delta R.T. 0.059 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion: 88 Resp: 270841
Ion Ratio Lower Upper
88 100
58 76.2 62.4 93.6
43 28.6 23.7 35.5





#3
Pyridine
Concen: 33.105 ng
RT: 3.810 min Scan# 20
Delta R.T. 0.059 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

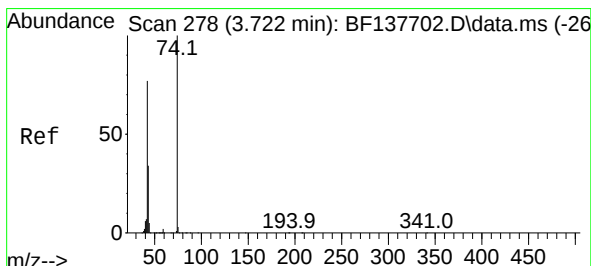
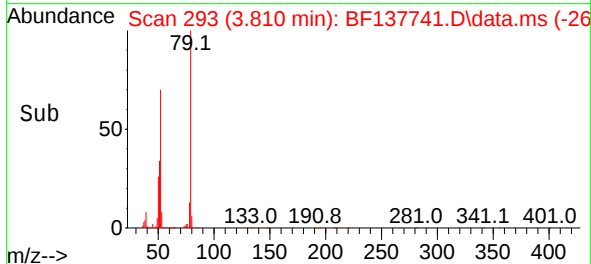
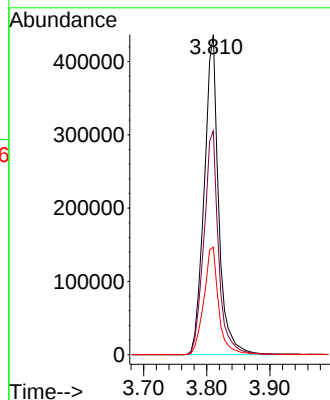
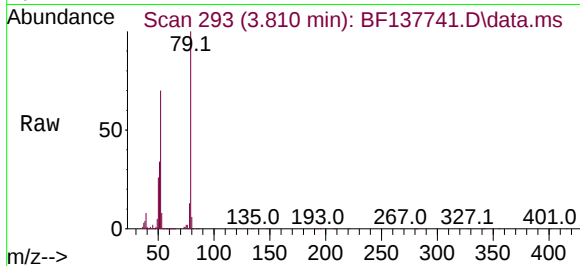
RT-3860MSD

Tgt Ion: 79 Resp: 692810
Ion Ratio Lower Upper
79 100
52 70.0 58.0 87.0
51 33.6 27.9 41.9

Manual Integrations

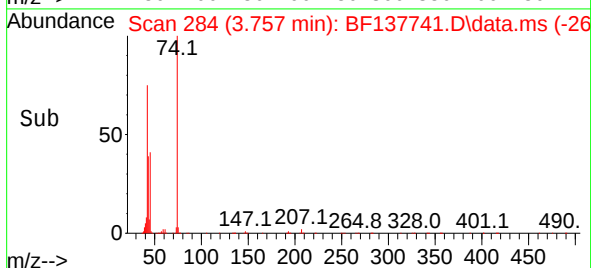
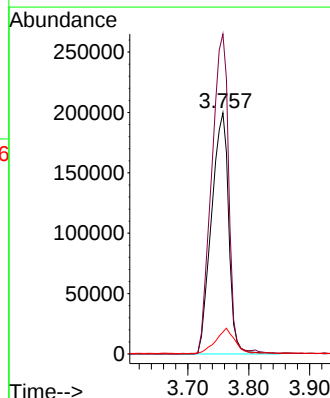
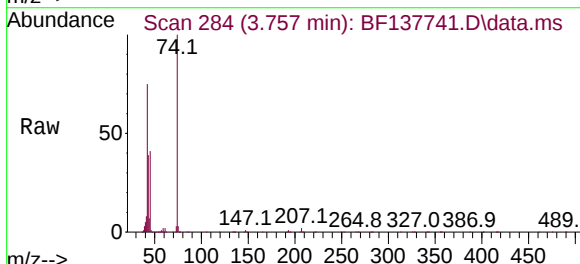
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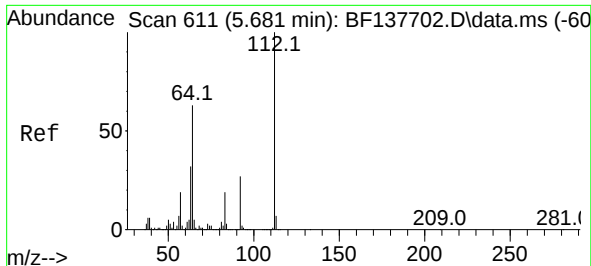
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#4
n-Nitrosodimethylamine
Concen: 40.173 ng
RT: 3.757 min Scan# 284
Delta R.T. 0.035 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion: 42 Resp: 392362
Ion Ratio Lower Upper
42 100
74 132.7 103.4 155.2
44 9.1 5.5 8.3





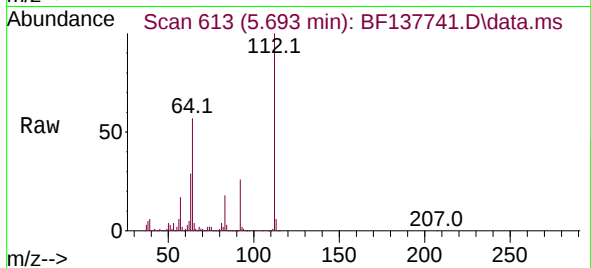
#5
2-Fluorophenol
Concen: 102.790 ng
RT: 5.693 min Scan# 611
Delta R.T. 0.012 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

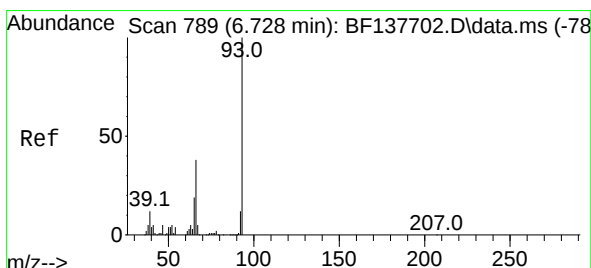
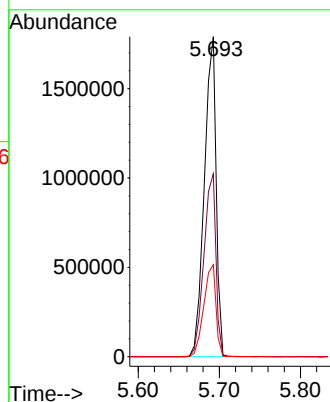
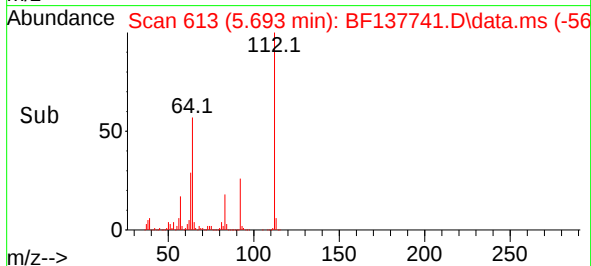


Tgt Ion:112 Resp: 1803373
Ion Ratio Lower Upper
112 100
64 57.2 50.1 75.1
63 28.7 25.2 37.8

Manual Integrations

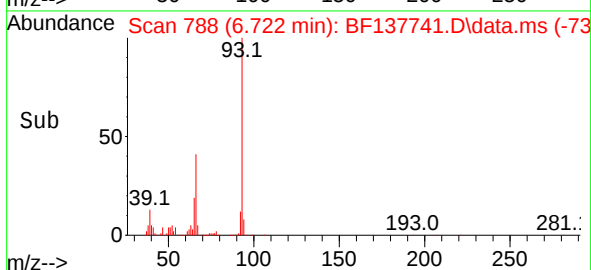
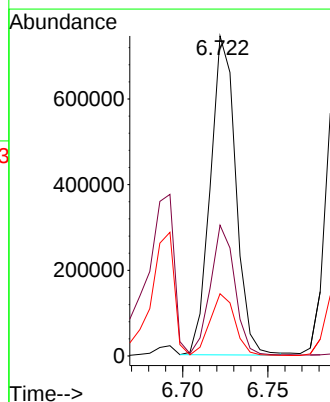
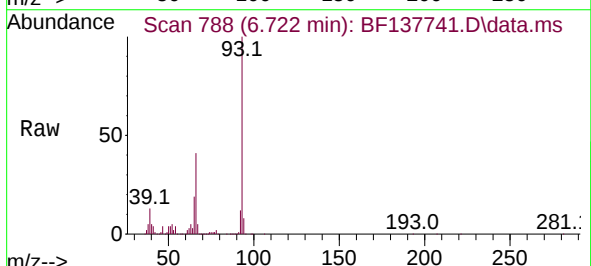
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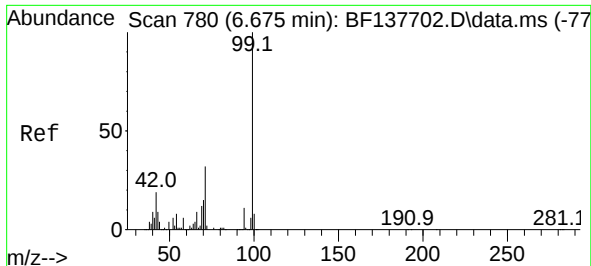
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#6
Aniline
Concen: 27.940 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

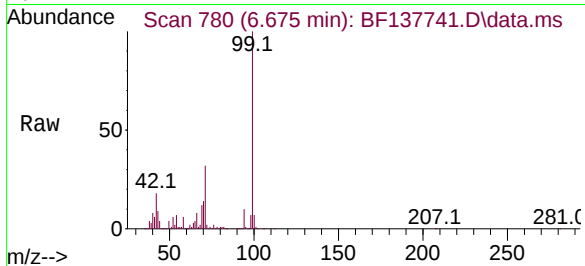
Tgt Ion: 93 Resp: 774766
Ion Ratio Lower Upper
93 100
66 40.8 32.1 48.1
65 19.5 16.4 24.6





#7
Phenol-d6
Concen: 103.218 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

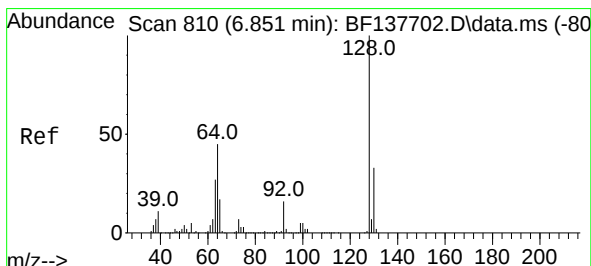
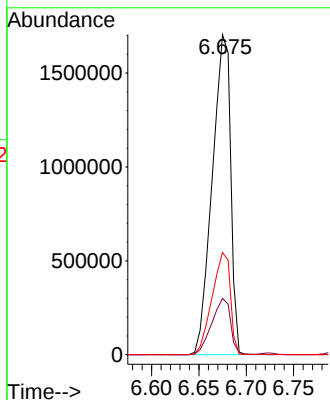
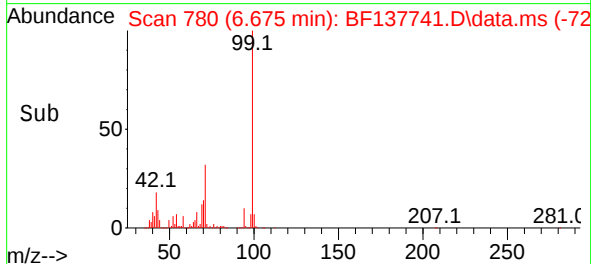
Instrument :
BNA_F
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RT-3860MSD



Tgt Ion: 99 Resp: 229962
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 31.9 25.7 38.5

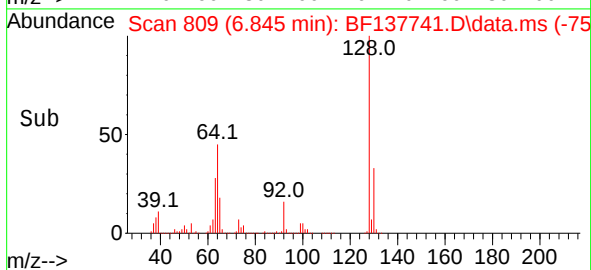
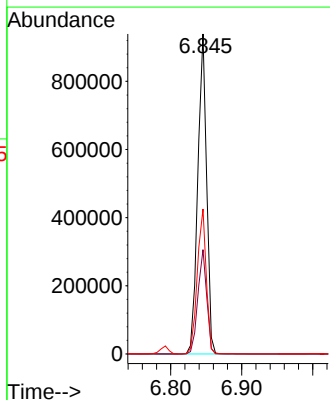
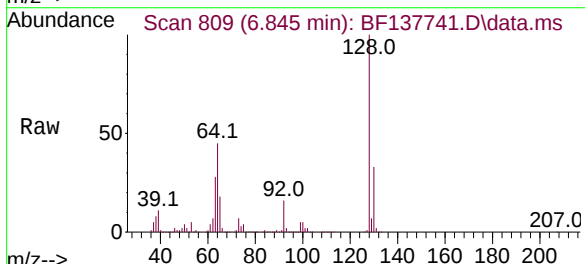
Manual Integrations
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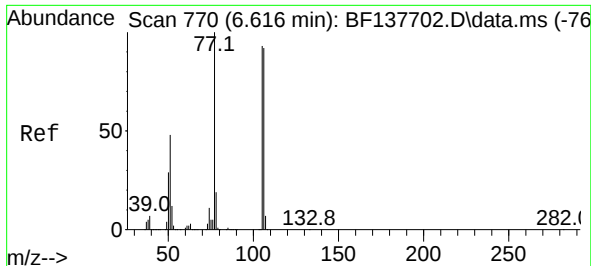
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#8
2-Chlorophenol
Concen: 44.520 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

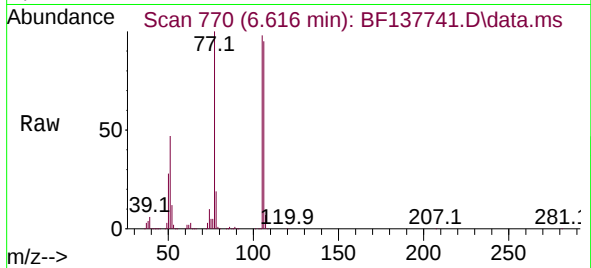
Tgt Ion:128 Resp: 815340
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 45.3 24.7 64.7





#9
Benzaldehyde
Concen: 48.469 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

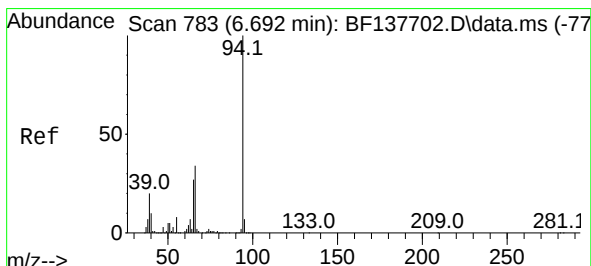
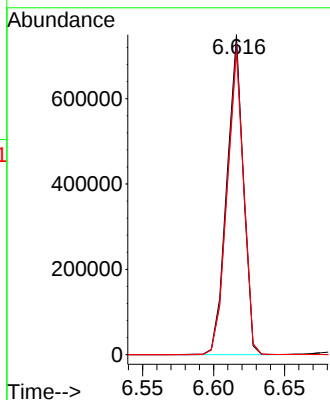
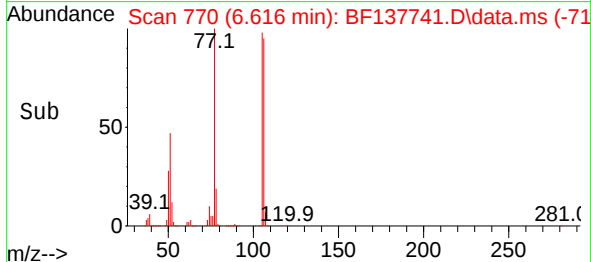
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion: 77 Resp: 60602
Ion Ratio Lower Upper
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105 97.5 73.3 113.3
106 94.6 72.1 112.1

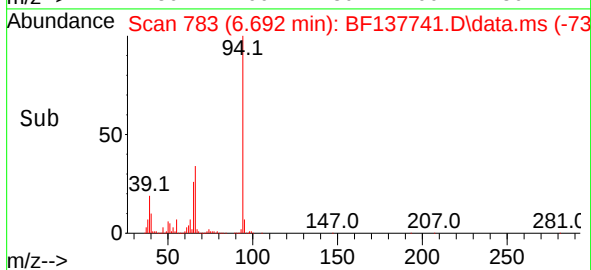
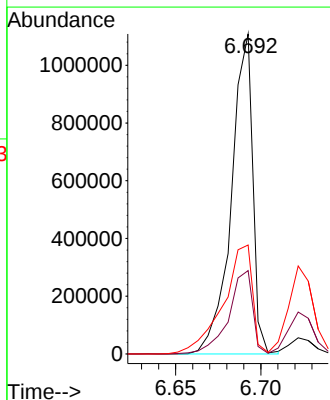
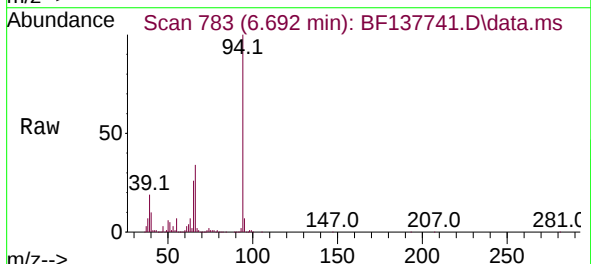
Manual Integrations
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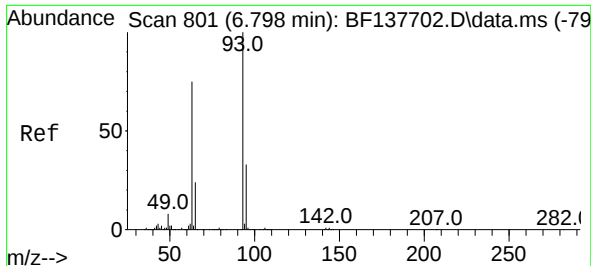
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#10
Phenol
Concen: 43.711 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

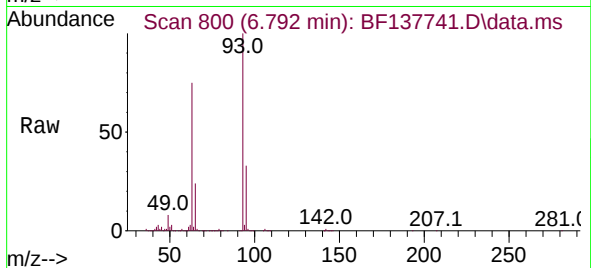
Tgt Ion: 94 Resp: 972881
Ion Ratio Lower Upper
94 100
65 26.1 6.5 46.5
66 34.0 13.9 53.9





#11
bis(2-Chloroethyl)ether
Concen: 41.600 ng
RT: 6.792 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

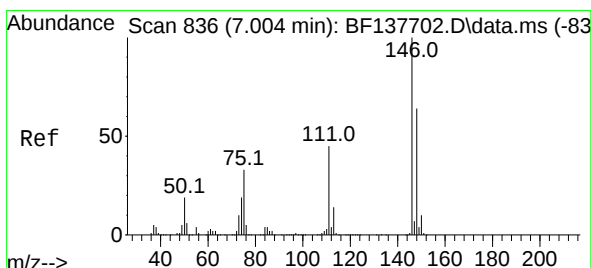
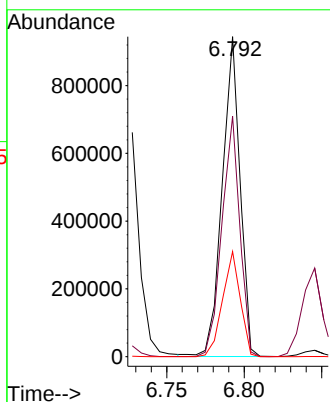
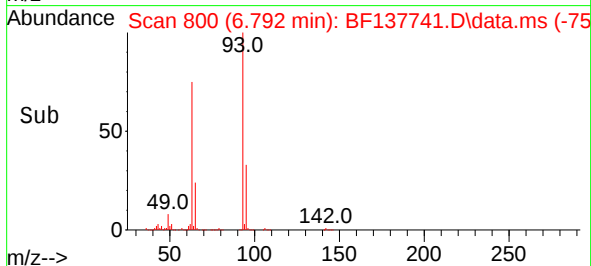
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion: 93 Resp: 755215
Ion Ratio Lower Upper
93 100
63 75.1 54.8 94.8
95 32.9 13.2 53.2

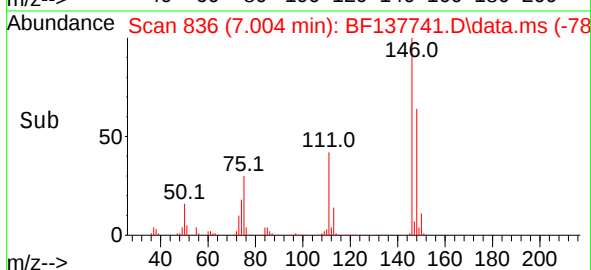
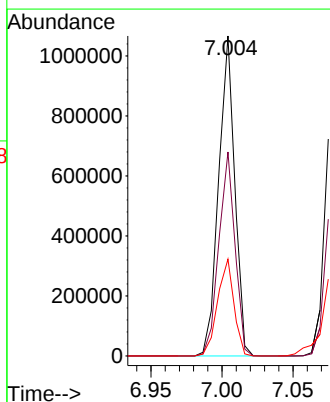
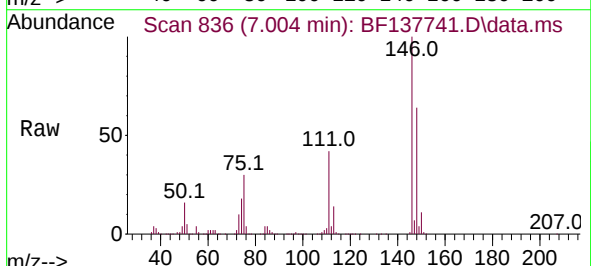
Manual Integrations
APPROVED

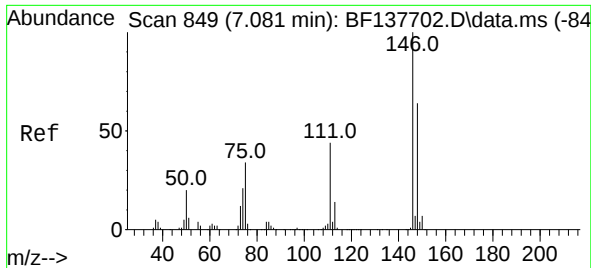
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#12
1,3-Dichlorobenzene
Concen: 43.722 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

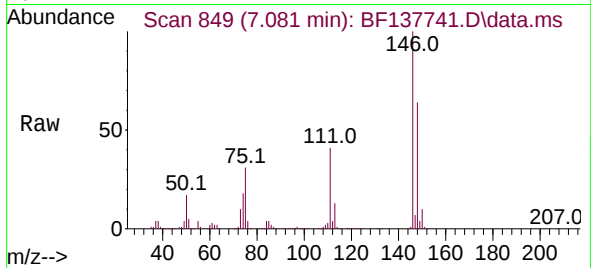
Tgt Ion:146 Resp: 839710
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
75 30.3 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 44.170 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

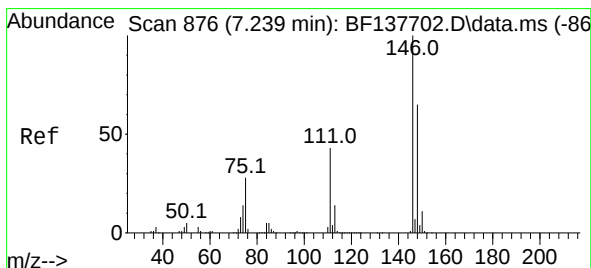
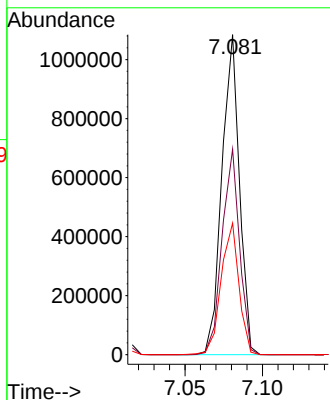
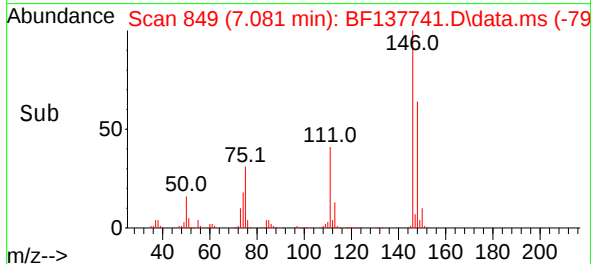
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



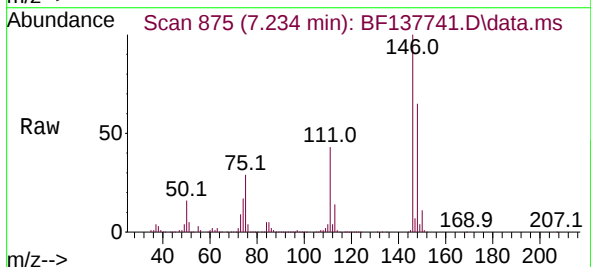
Tgt Ion:146 Resp: 854070
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 41.1 35.0 52.6

Manual Integrations
APPROVED

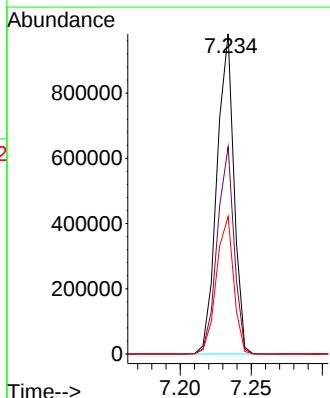
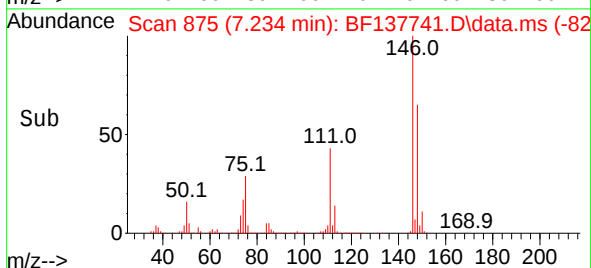
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

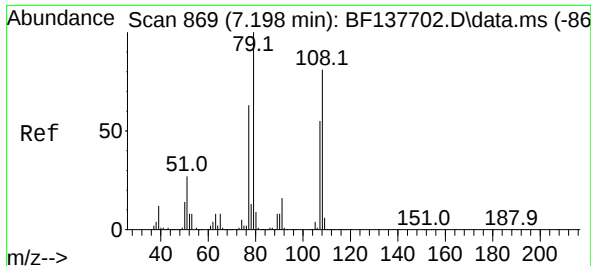


#14
1,2-Dichlorobenzene
Concen: 45.345 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25



Tgt Ion:146 Resp: 816140
Ion Ratio Lower Upper
146 100
148 64.7 52.1 78.1
111 42.9 34.5 51.7





#15
Benzyl Alcohol
Concen: 40.872 ng
RT: 7.198 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

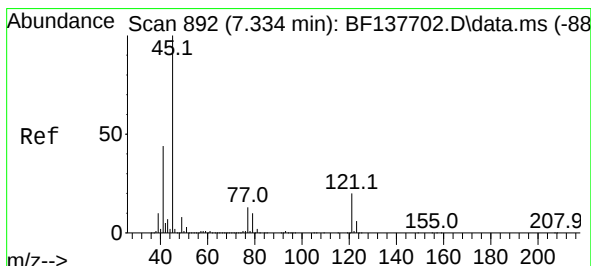
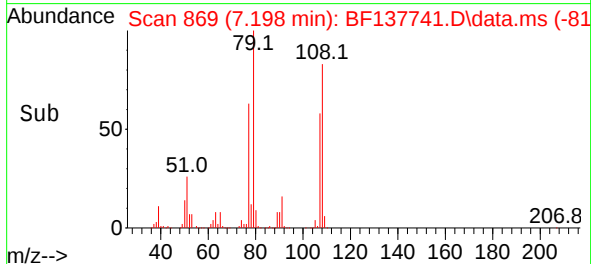
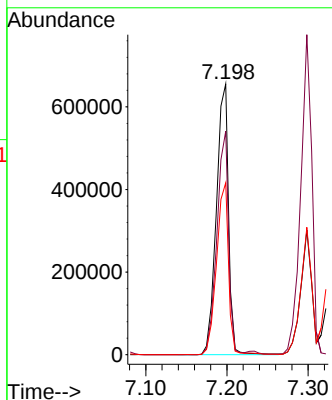
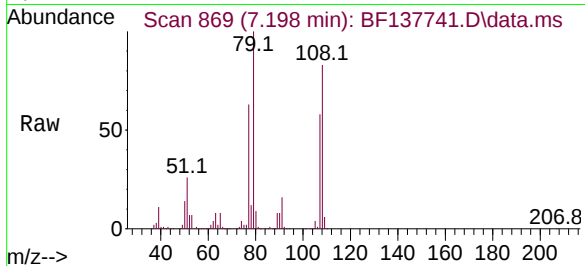
ClientSampleId :

RT-3860MSD

Tgt Ion: 79 Resp: 68120
Ion Ratio Lower Upper
79 100
108 82.6 64.8 97.2
77 63.5 50.3 75.5

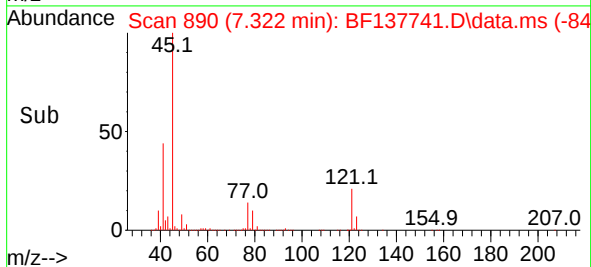
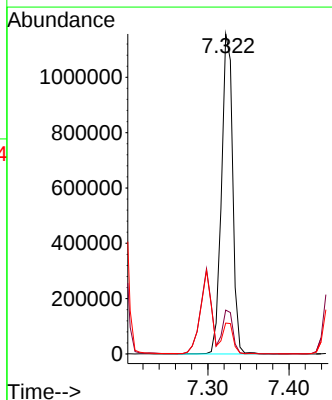
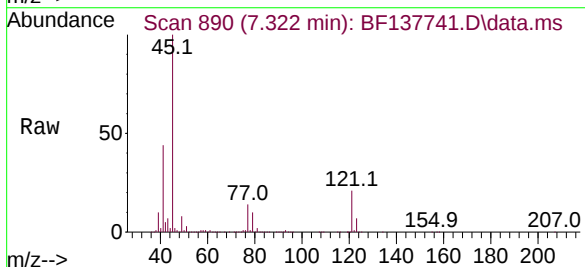
Manual Integrations
APPROVED

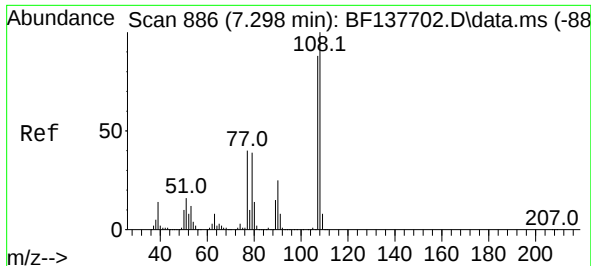
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.797 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion: 45 Resp: 1111098
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.8
79 9.7 0.0 30.1





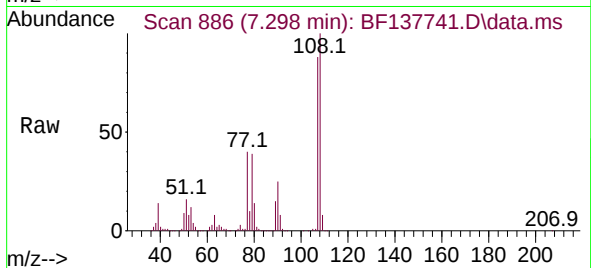
#17
2-Methylphenol
Concen: 39.640 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

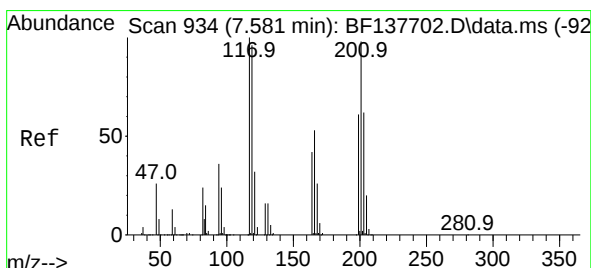
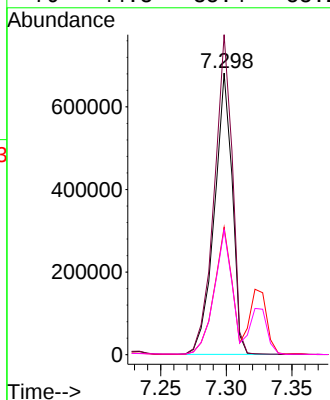
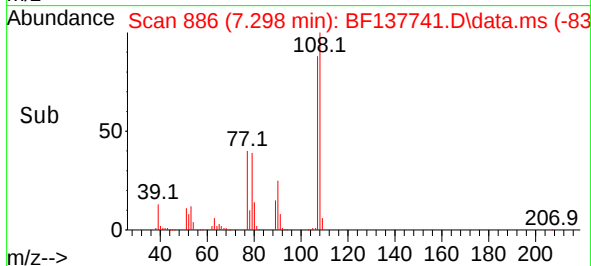


Tgt Ion:107 Resp: 644990
Ion Ratio Lower Upper
107 100
108 113.6 90.6 135.8
77 45.2 35.8 53.8
79 44.3 35.4 53.2

Manual Integrations

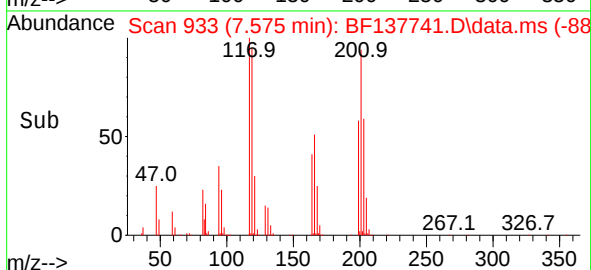
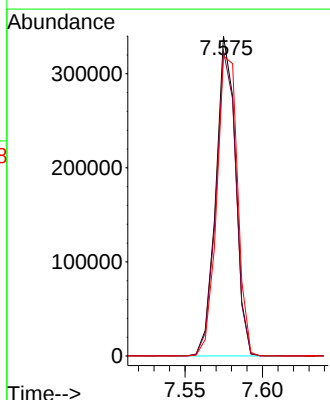
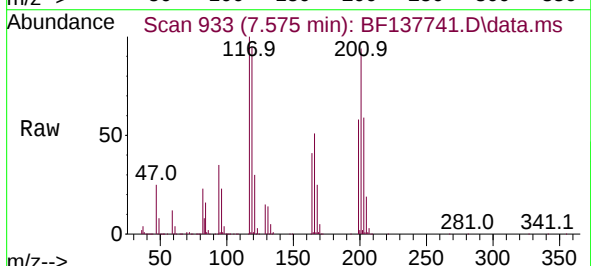
APPROVED

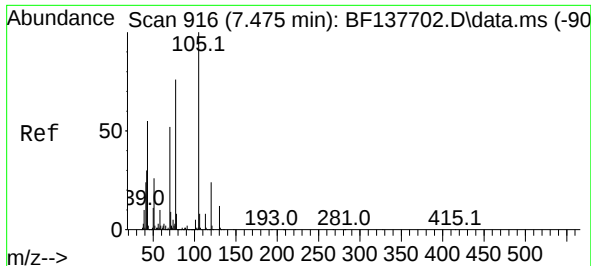
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#18
Hexachloroethane
Concen: 43.749 ng
RT: 7.575 min Scan# 933
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:117 Resp: 299391
Ion Ratio Lower Upper
117 100
119 95.3 77.1 115.7
201 93.7 78.1 117.1





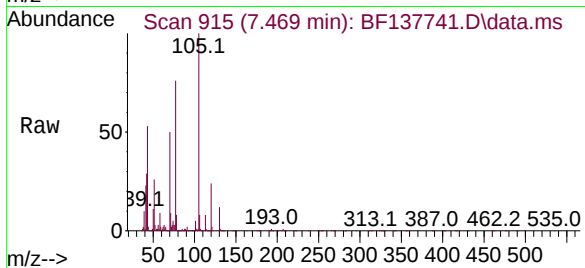
#19
n-Nitroso-di-n-propylamine
Concen: 38.359 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

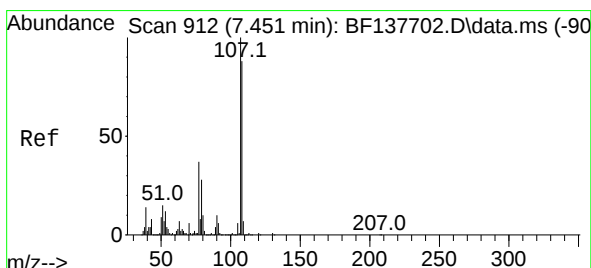
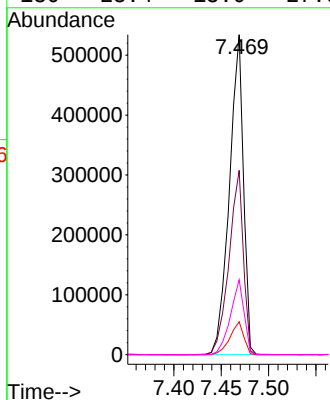
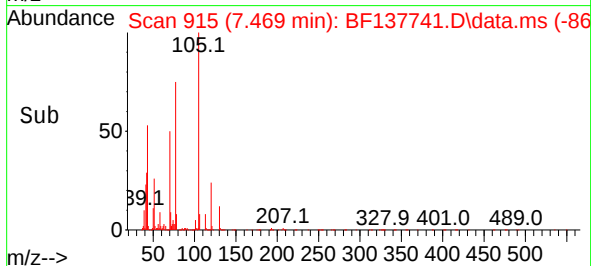


Tgt Ion: 70 Resp: 552629
Ion Ratio Lower Upper
70 100
42 57.6 45.9 68.9
101 10.3 8.0 12.0
130 23.4 18.0 27.0

Manual Integrations

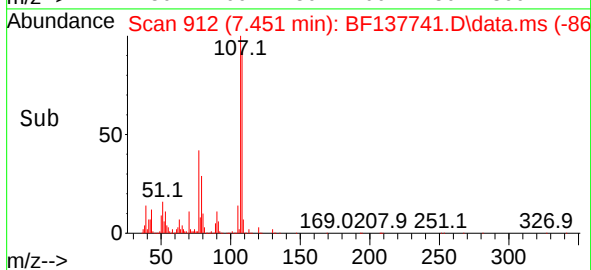
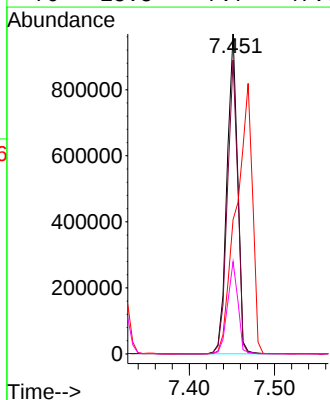
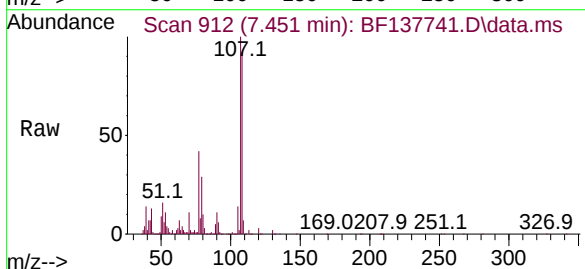
APPROVED

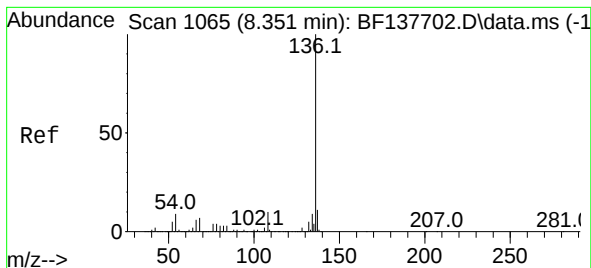
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#20
3+4-Methylphenols
Concen: 39.916 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:107 Resp: 838850
Ion Ratio Lower Upper
107 100
108 91.8 68.2 108.2
77 42.0 16.8 56.8
79 28.8 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: BF137741.D

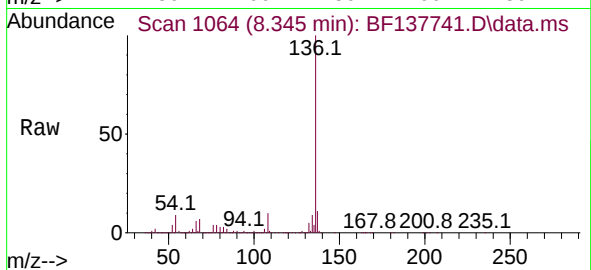
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD



Tgt Ion:136 Resp: 105994

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

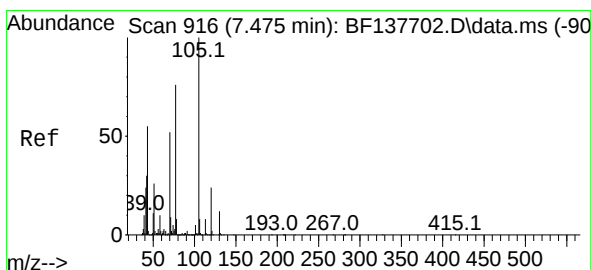
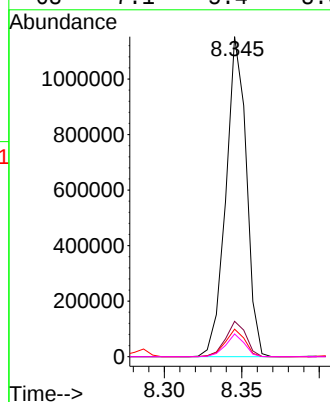
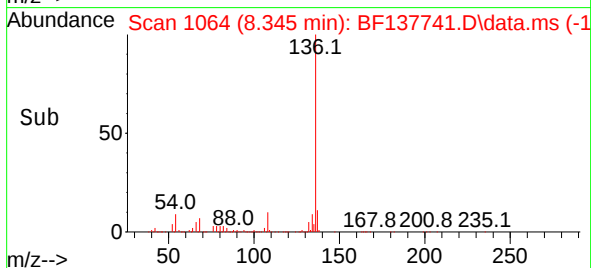
54 8.6 6.9 10.3

68 7.1 5.4 8.0

Manual Integrations

APPROVED

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



#22

Acetophenone

Concen: 42.238 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Tgt Ion:105 Resp: 1095012

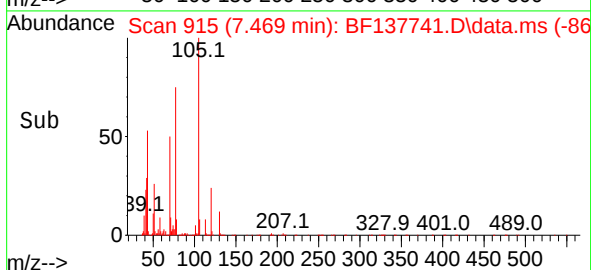
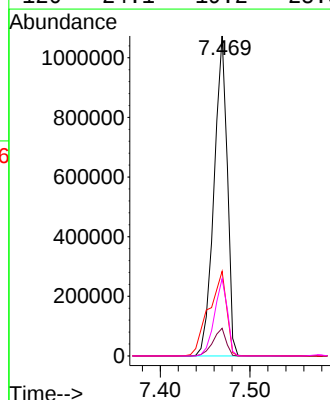
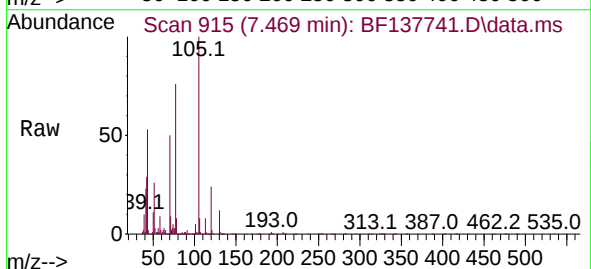
Ion Ratio Lower Upper

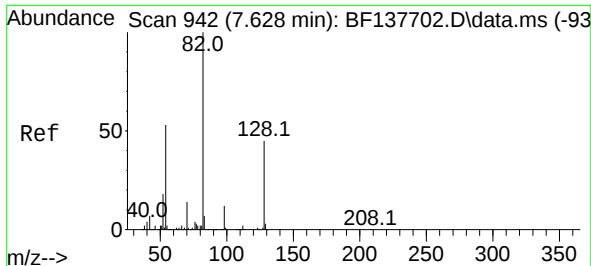
105 100

71 8.7 7.0 10.6

51 26.4 20.5 30.7

120 24.1 19.2 28.8





#23

Nitrobenzene-d5

Concen: 70.857 ng

RT: 7.628 min Scan# 942

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion: 82 Resp: 141484

Ion Ratio Lower Upper

82 100

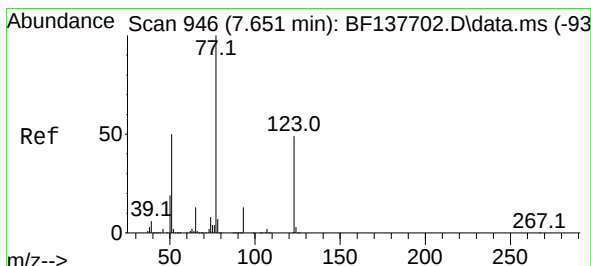
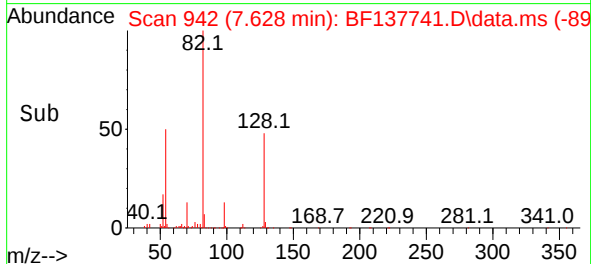
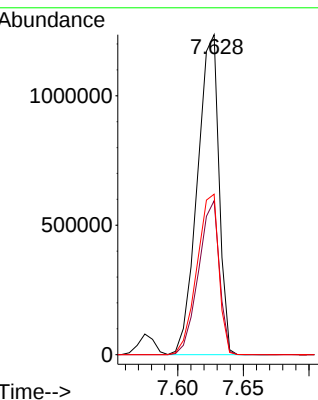
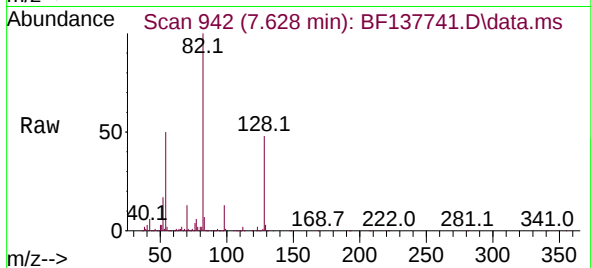
128 48.1 35.8 53.6

54 50.1 42.5 63.7

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 41.287 ng

RT: 7.645 min Scan# 945

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

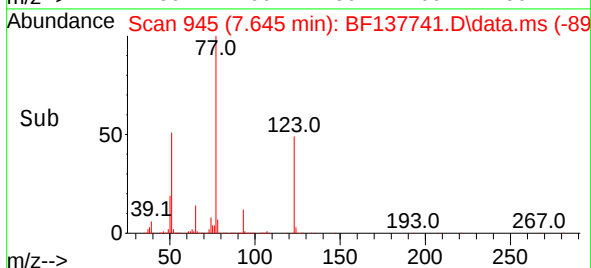
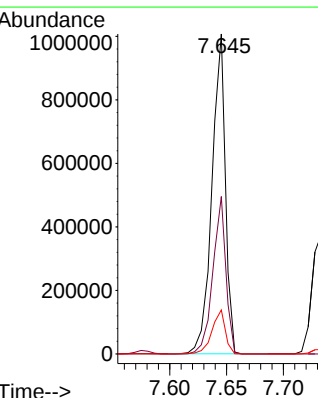
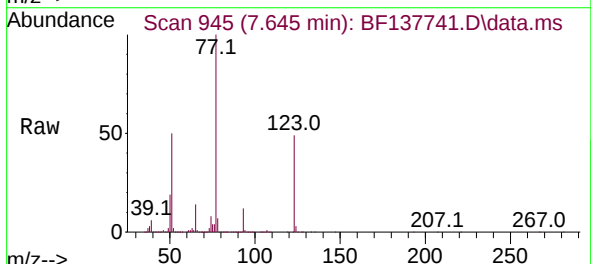
Tgt Ion: 77 Resp: 832900

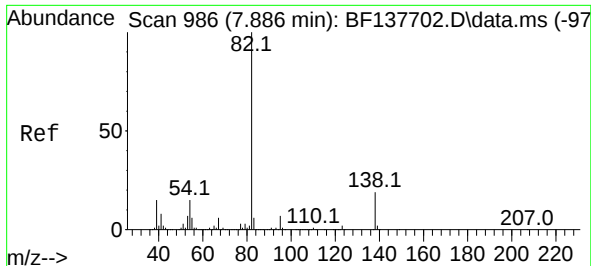
Ion Ratio Lower Upper

77 100

123 49.2 40.4 60.6

65 13.8 10.7 16.1





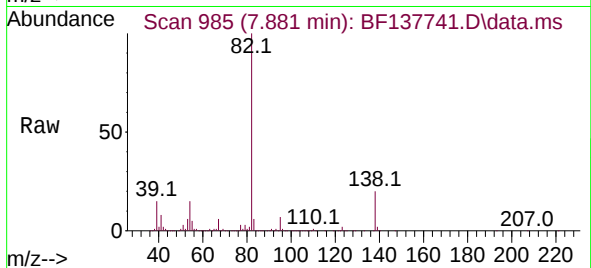
#25
Isophorone
Concen: 40.810 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

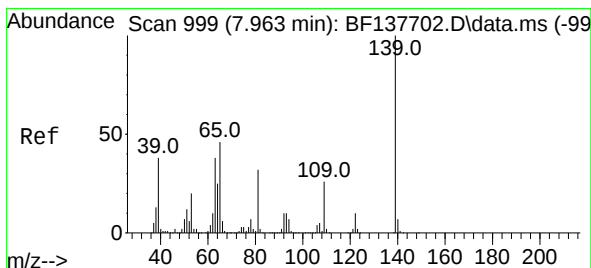
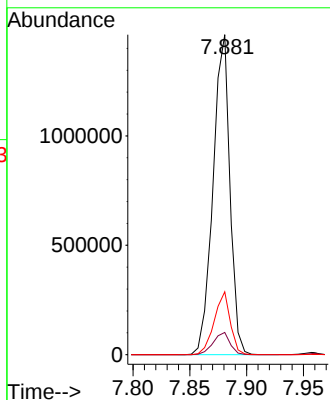
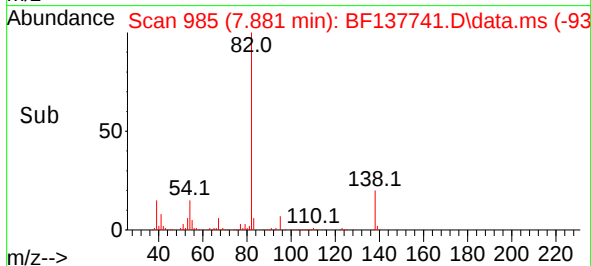


Tgt Ion: 82 Resp: 151341
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 19.6 15.3 22.9

Manual Integrations

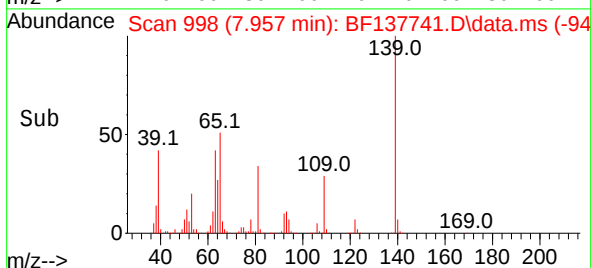
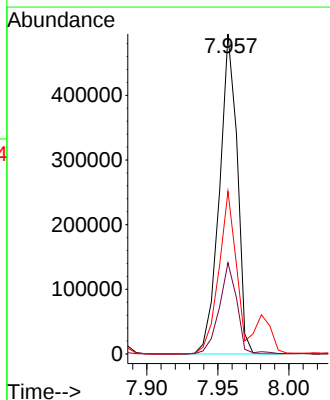
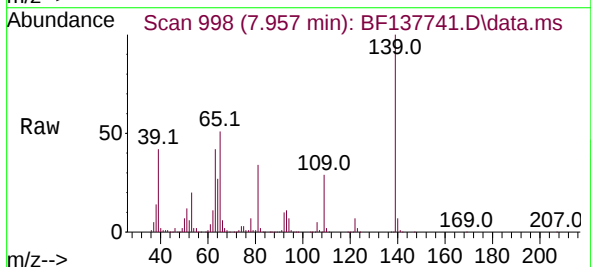
APPROVED

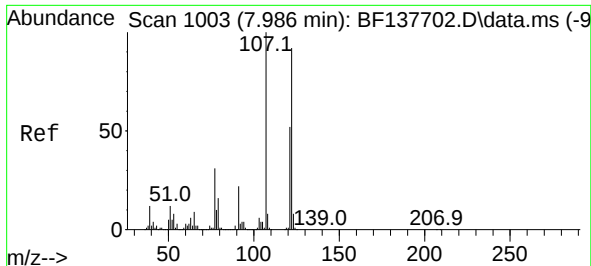
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#26
2-Nitrophenol
Concen: 48.559 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:139 Resp: 429887
Ion Ratio Lower Upper
139 100
109 28.5 21.1 31.7
65 50.8 37.1 55.7





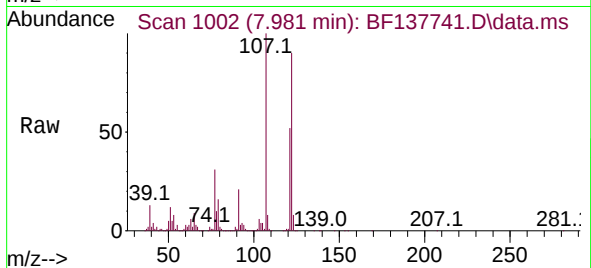
#27
2,4-Dimethylphenol
Concen: 34.551 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

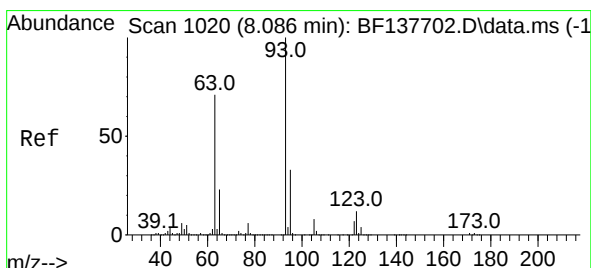
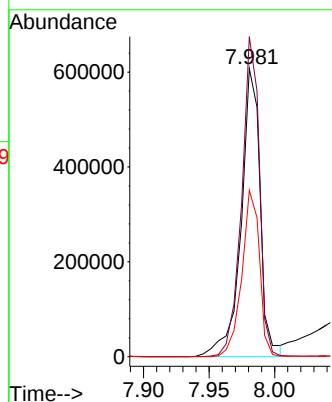
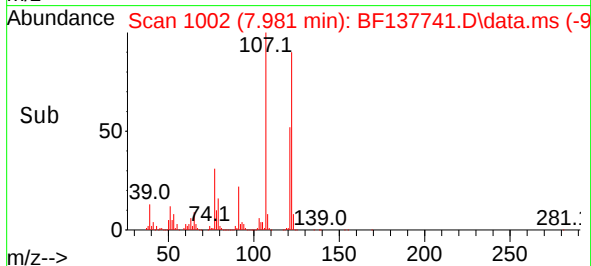


Tgt Ion:122 Resp: 617094
Ion Ratio Lower Upper
122 100
107 111.0 87.2 130.8
121 57.7 45.2 67.8

Manual Integrations

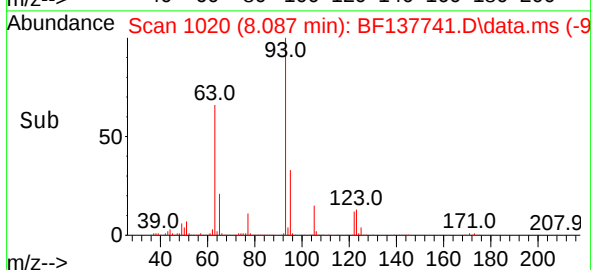
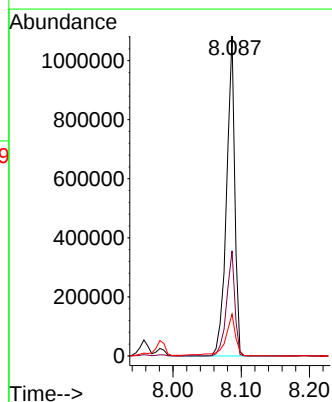
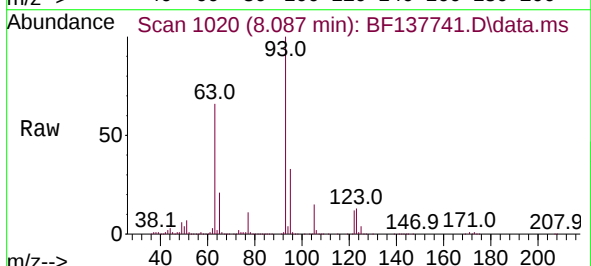
APPROVED

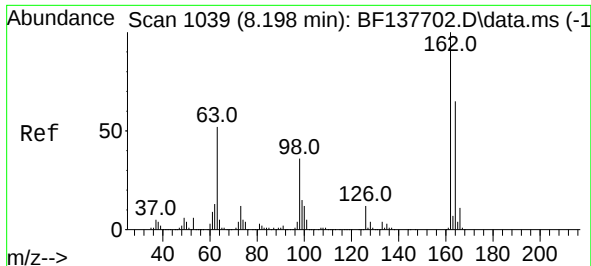
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.211 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion: 93 Resp: 910824
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 13.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 43.814 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

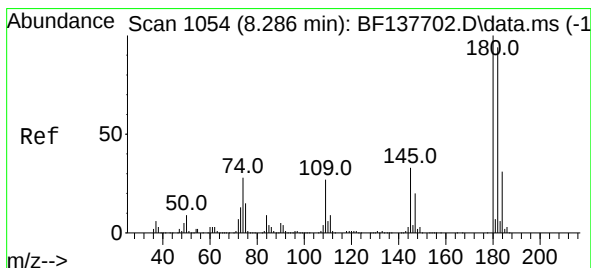
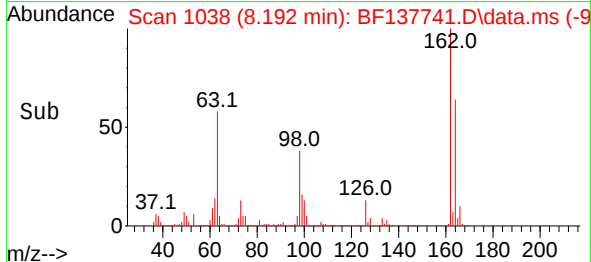
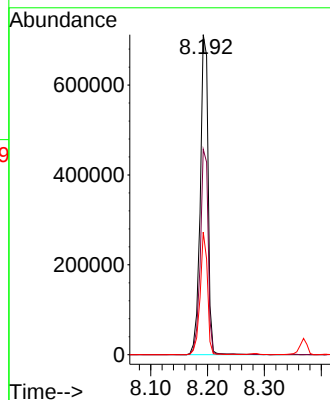
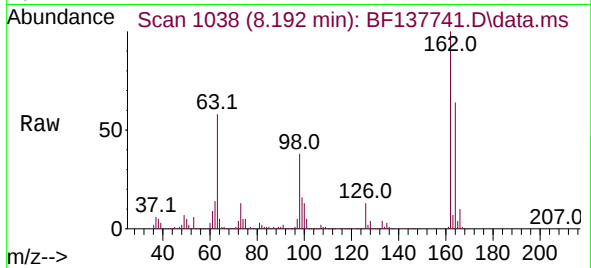
RT-3860MSD

Tgt Ion:162 Resp: 685828
 Ion Ratio Lower Upper
 162 100
 164 64.2 45.2 85.2
 98 38.3 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: 43.859 ng

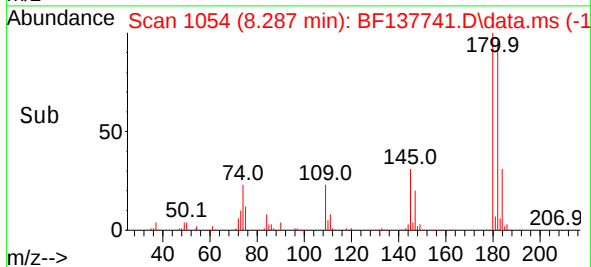
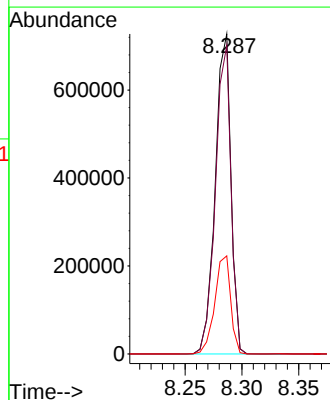
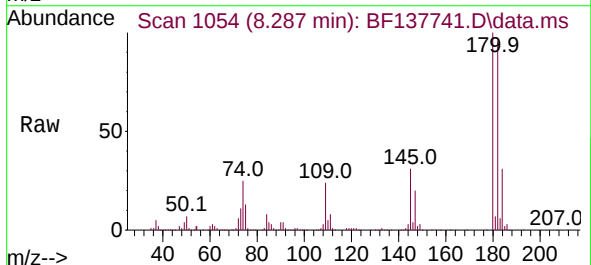
RT: 8.287 min Scan# 1054

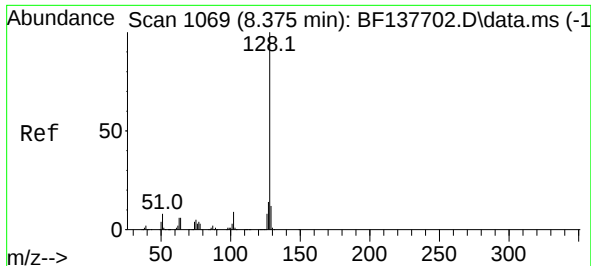
Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Tgt Ion:180 Resp: 699755
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.4 113.2
 145 30.6 26.3 39.5





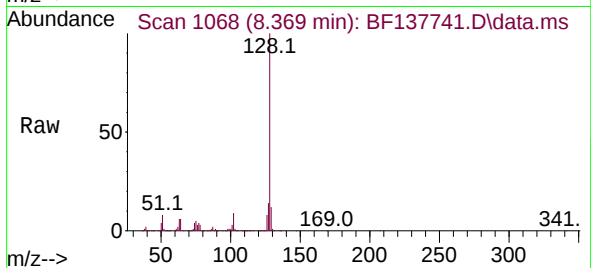
#31
Naphthalene
Concen: 42.517 ng
RT: 8.369 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

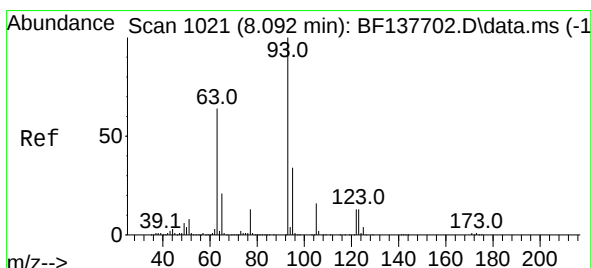
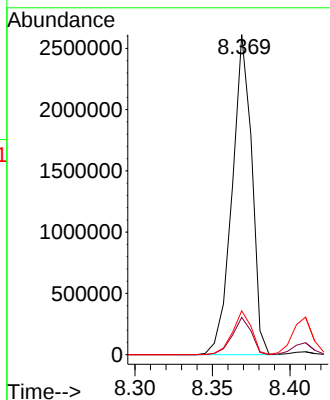
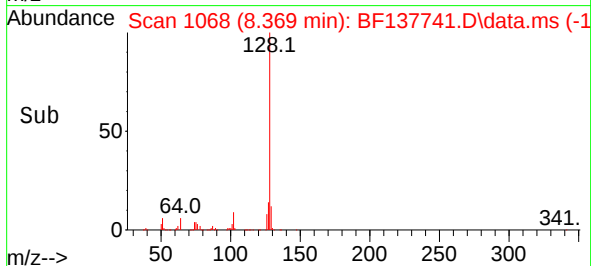


Tgt Ion:128 Resp: 229966
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.7 11.0 16.6

Manual Integrations

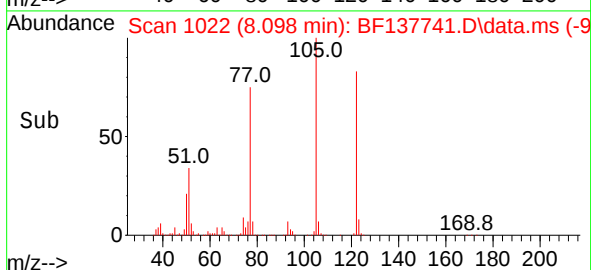
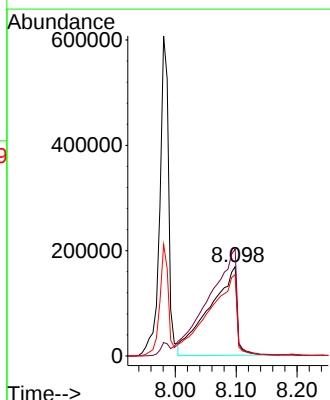
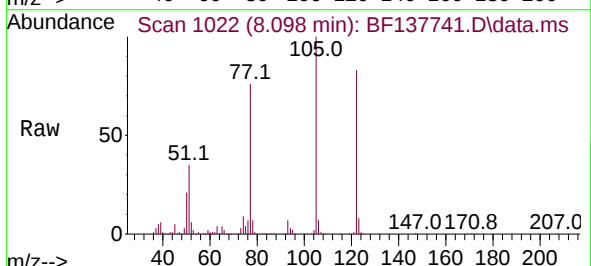
APPROVED

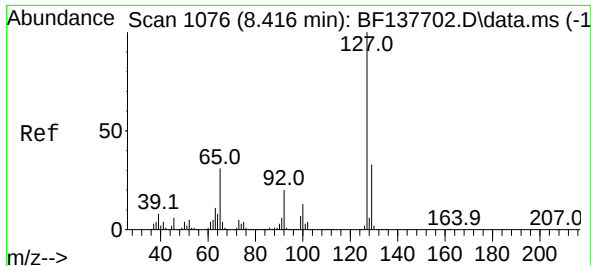
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#32
Benzoic acid
Concen: 46.823 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:122 Resp: 529513
Ion Ratio Lower Upper
122 100
105 119.9 101.1 141.1
77 91.1 75.7 115.7





#33

4-Chloroaniline

Concen: 12.544 ng

RT: 8.410 min Scan# 1076

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

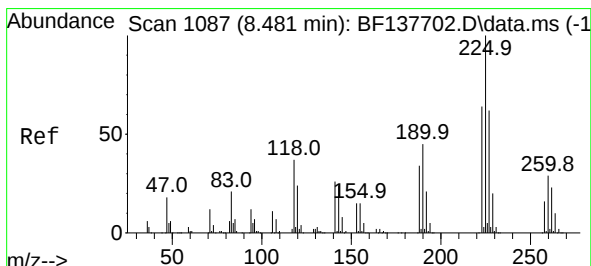
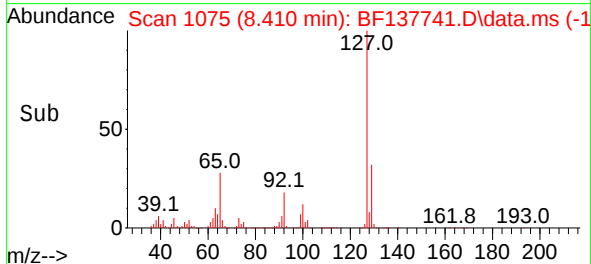
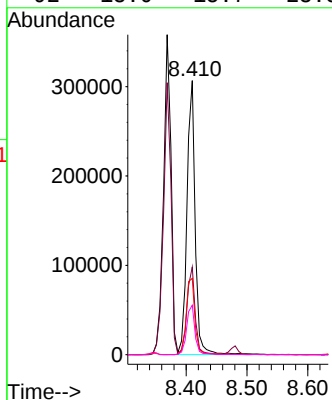
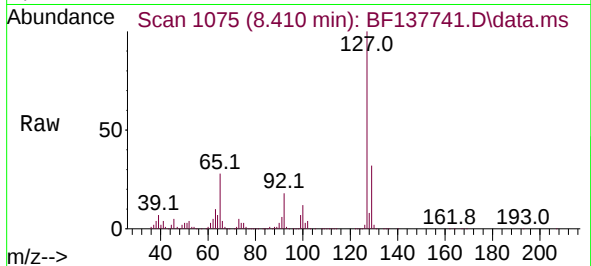
Tgt Ion:127 Resp: 287189

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.4	39.6
65	27.8	24.6	36.8
92	18.0	15.7	23.5

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 42.819 ng

RT: 8.481 min Scan# 1087

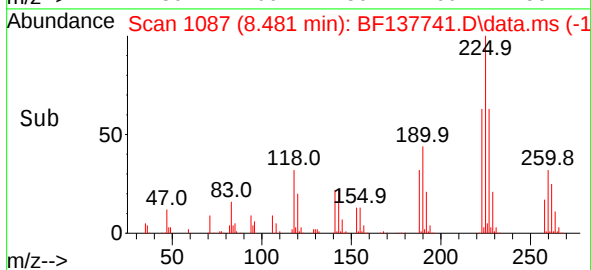
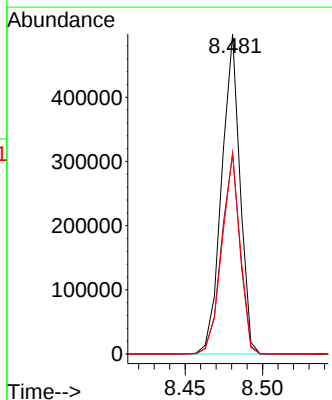
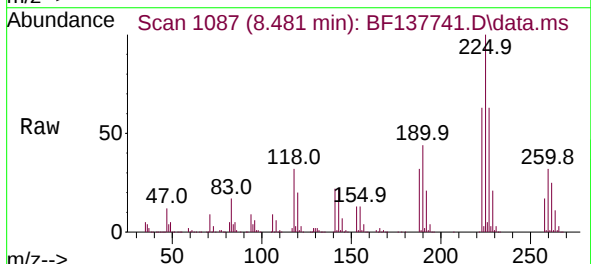
Delta R.T. 0.000 min

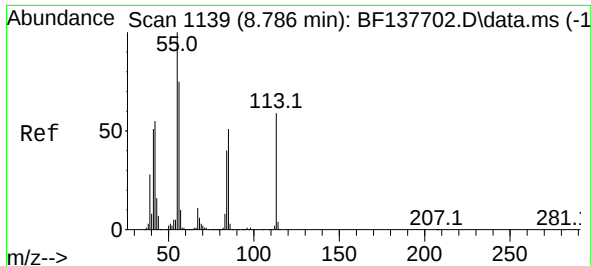
Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Tgt Ion:225 Resp: 409560

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.4	77.0
227	62.8	49.4	74.2





#35

Caprolactam

Concen: 44.703 ng m

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF137741.D

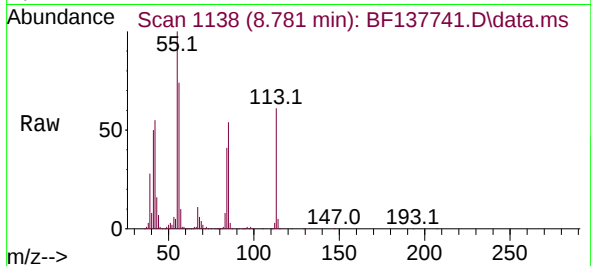
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD



Tgt Ion:113 Resp: 22623

Ion Ratio Lower Upper

113 100

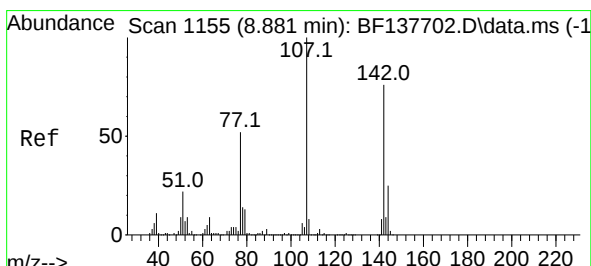
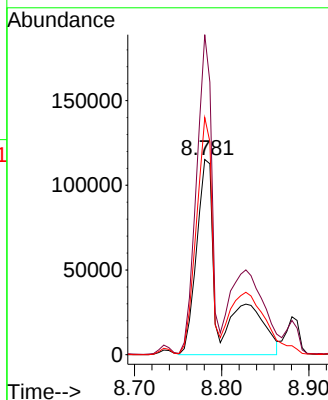
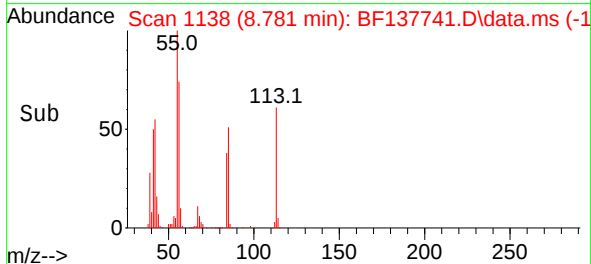
55 163.9 148.7 188.7

56 121.4 107.2 147.2

Manual Integrations

APPROVED

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



#36

4-Chloro-3-methylphenol

Concen: 43.023 ng

RT: 8.881 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

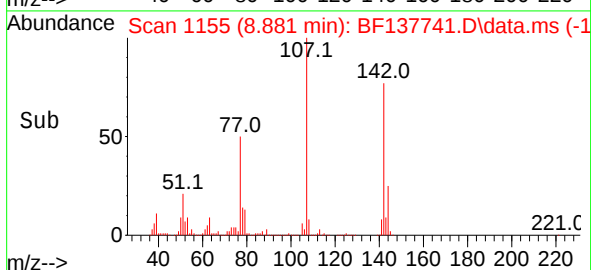
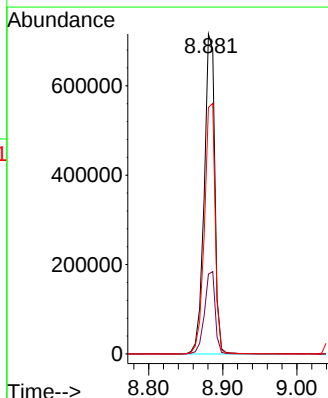
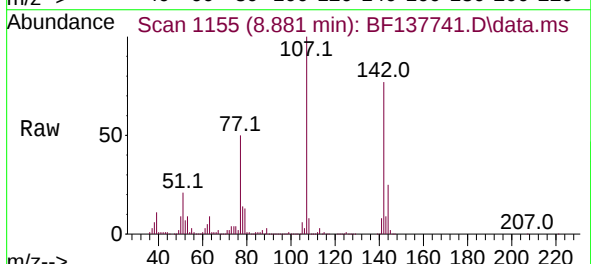
Tgt Ion:107 Resp: 714262

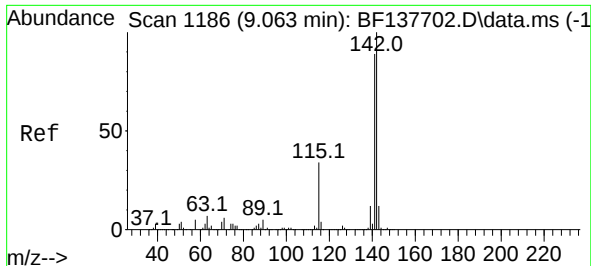
Ion Ratio Lower Upper

107 100

144 24.9 19.8 29.8

142 77.0 60.5 90.7





#37

2-Methylnaphthalene

Concen: 40.735 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:142 Resp: 1512238

Ion Ratio Lower Upper

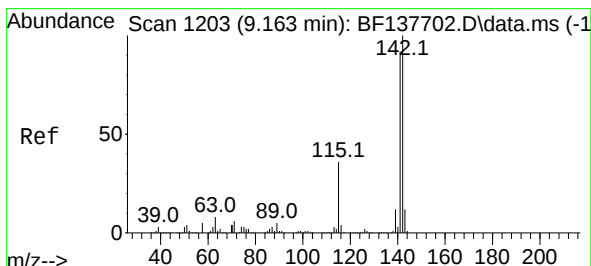
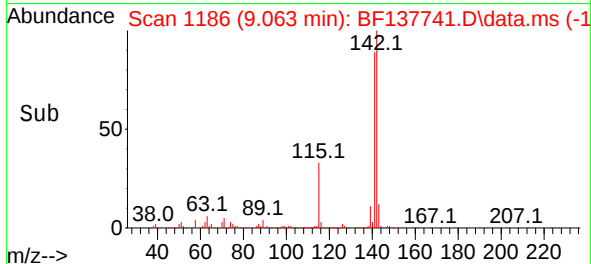
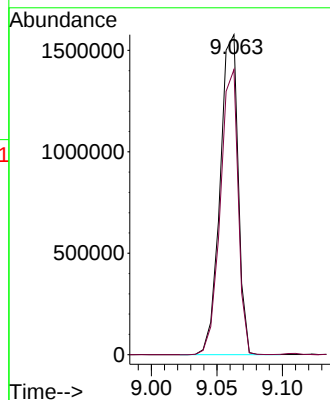
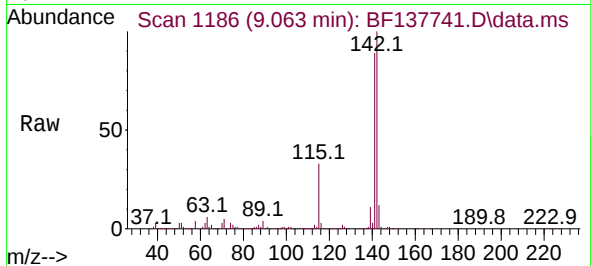
142 100

141 89.1 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: 40.258 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF137741.D

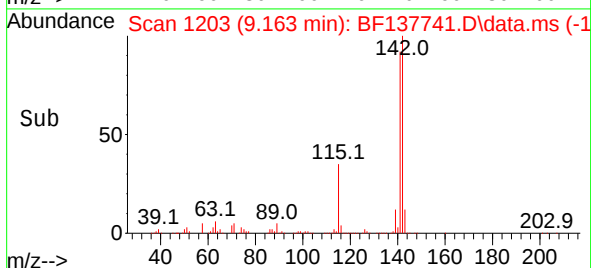
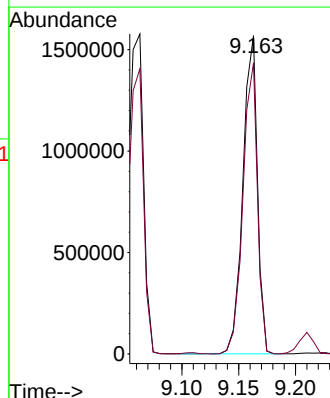
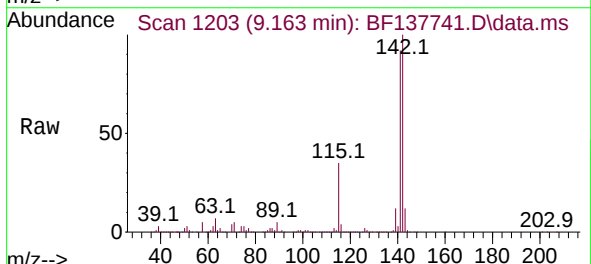
Acq: 26 Apr 2024 18:25

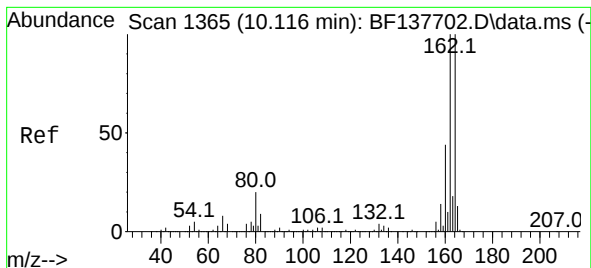
Tgt Ion:142 Resp: 1397348

Ion Ratio Lower Upper

142 100

141 91.5 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: BF137741.D

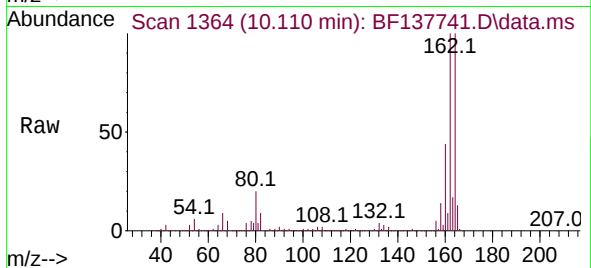
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD



Tgt Ion:164 Resp: 582399

Ion Ratio Lower Upper

164 100

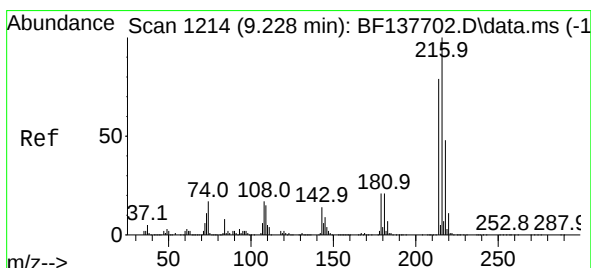
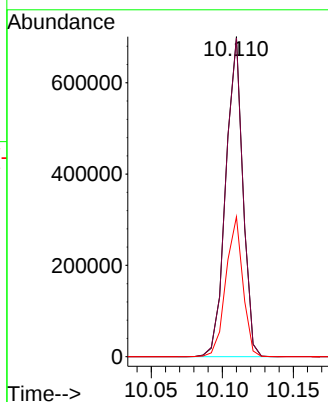
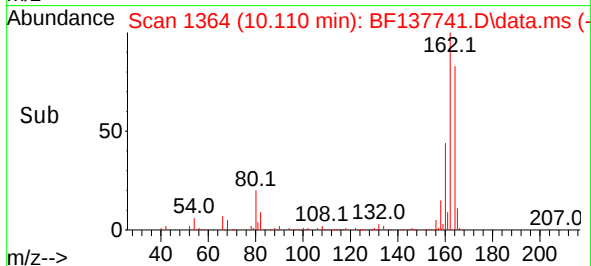
162 99.6 80.3 120.5

160 43.7 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: 43.947 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Tgt Ion:216 Resp: 701688

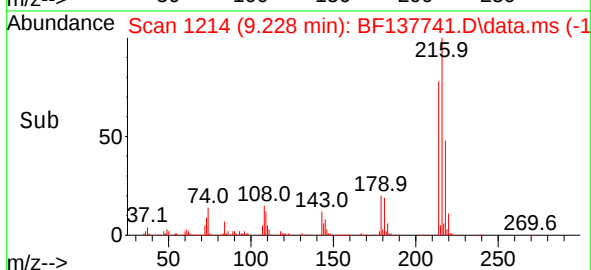
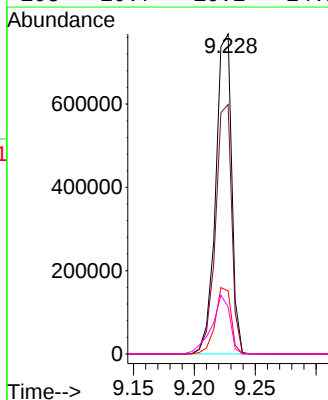
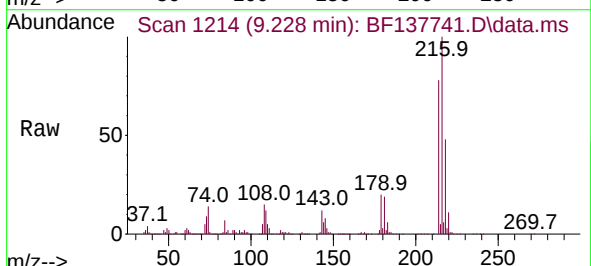
Ion Ratio Lower Upper

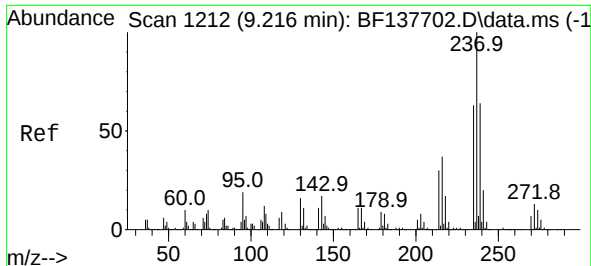
216 100

214 78.6 63.4 95.0

179 20.6 17.1 25.7

108 20.7 16.2 24.2





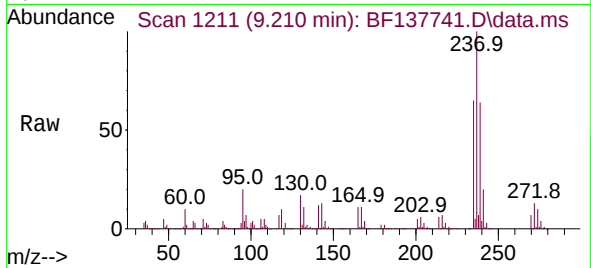
#41
Hexachlorocyclopentadiene
Concen: 89.675 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

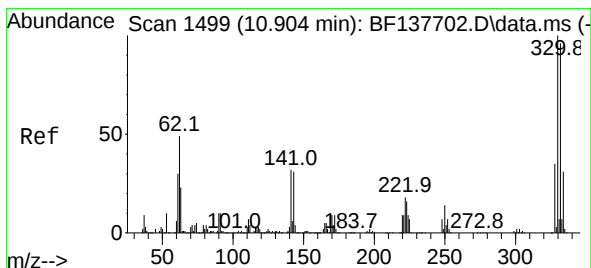
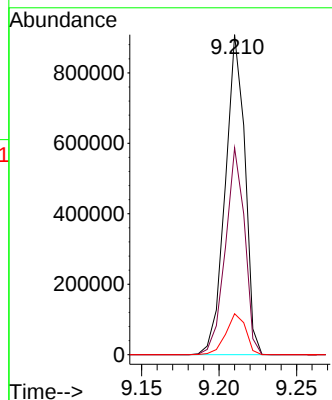
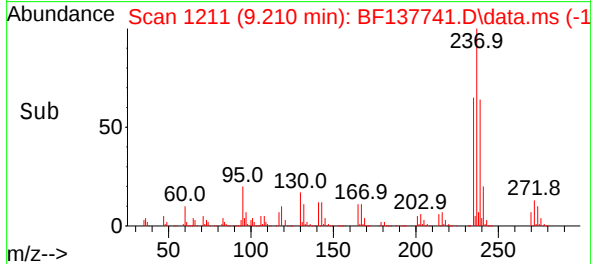


Tgt Ion:237 Resp: 802259
Ion Ratio Lower Upper
237 100
235 64.7 42.9 82.9
272 12.8 0.0 33.1

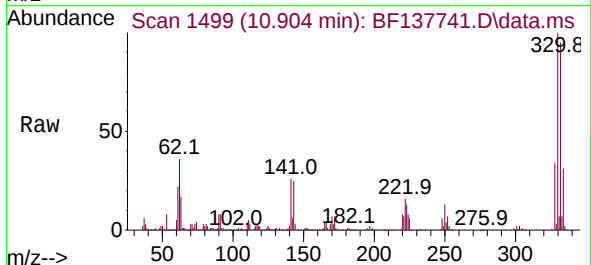
Manual Integrations

APPROVED

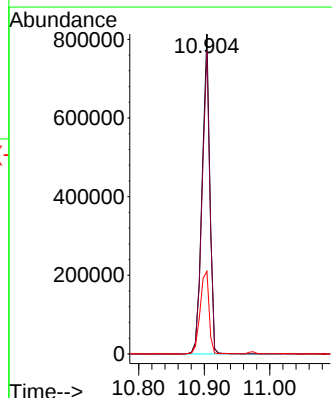
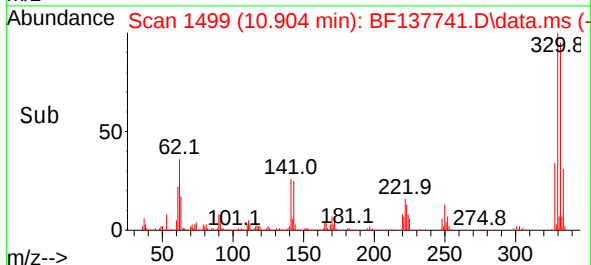
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

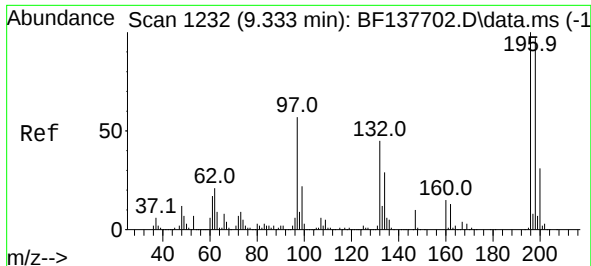


#42
2,4,6-Tribromophenol
Concen: 113.314 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25



Tgt Ion:330 Resp: 665926
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 29.7 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 44.968 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.001 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

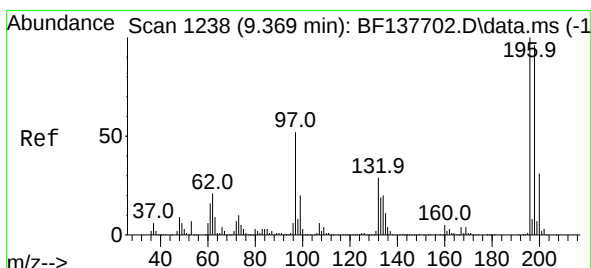
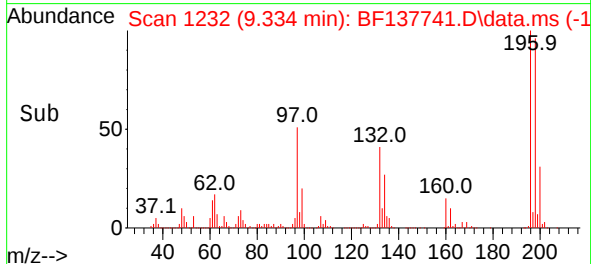
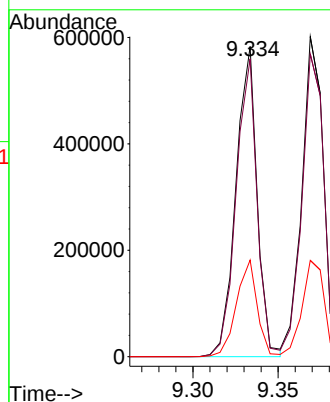
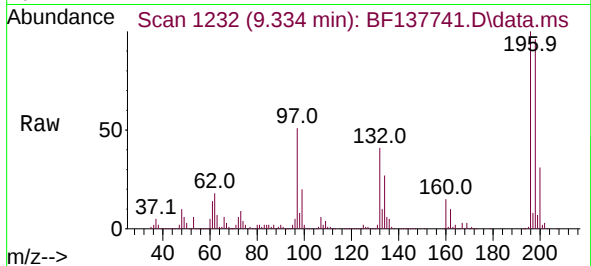
RT-3860MSD

Tgt Ion:196 Resp: 503689
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.8 116.6
 200 31.2 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: 40.928 ng

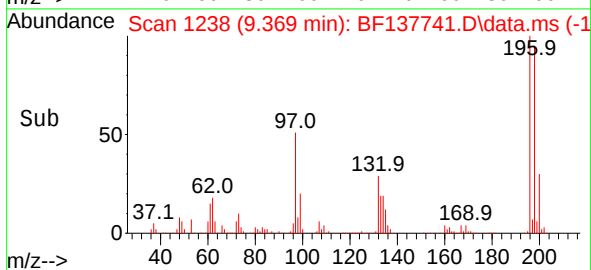
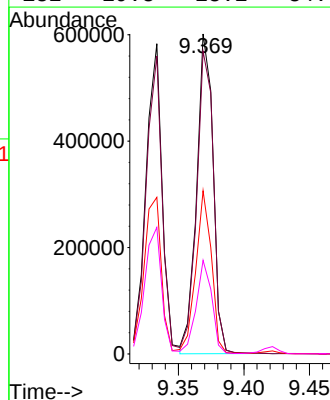
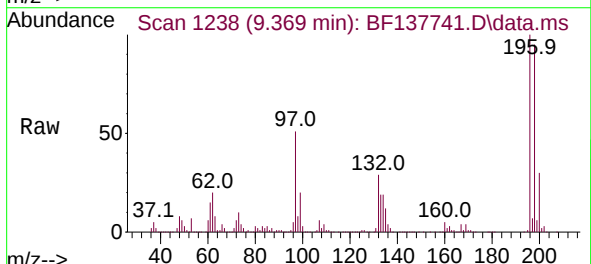
RT: 9.369 min Scan# 1238

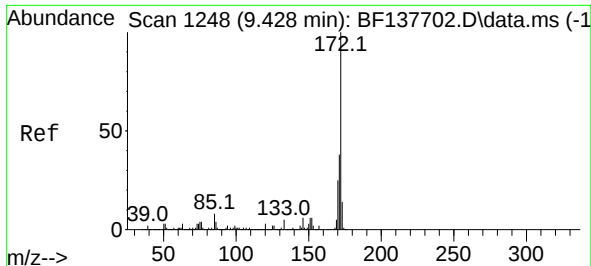
Delta R.T. -0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Tgt Ion:196 Resp: 525393
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.2 115.8
 97 51.0 41.8 62.8
 132 29.3 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 67.155 ng

RT: 9.422 min Scan# 1248

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

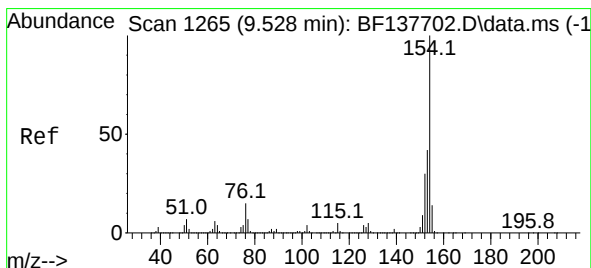
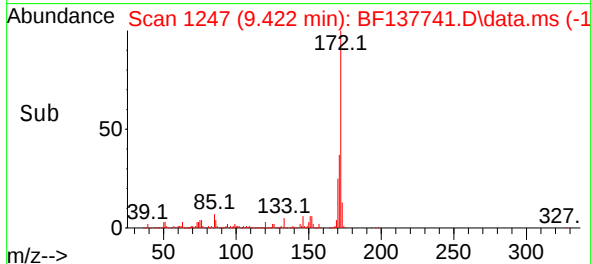
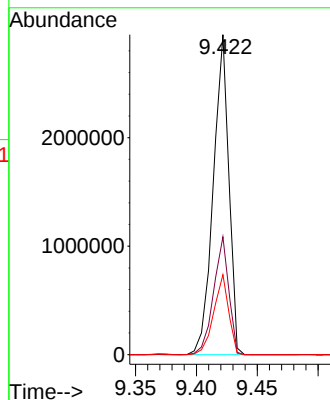
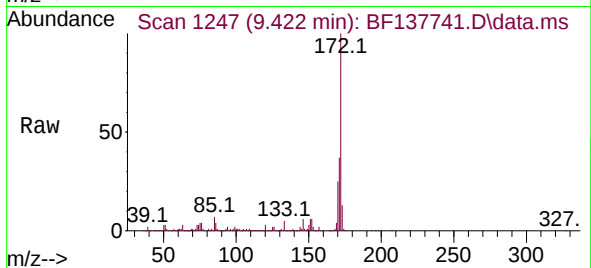
Tgt Ion:172 Resp: 261751

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.2	45.4
170	25.0	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: 42.819 ng

RT: 9.528 min Scan# 1265

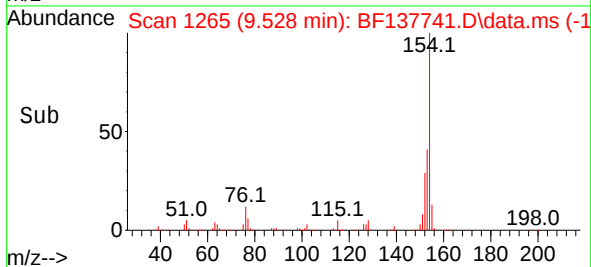
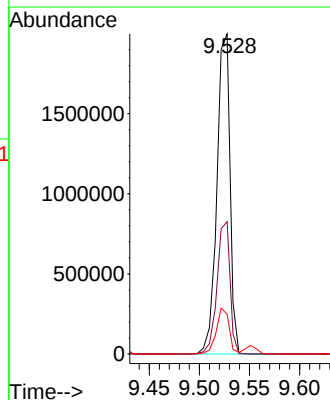
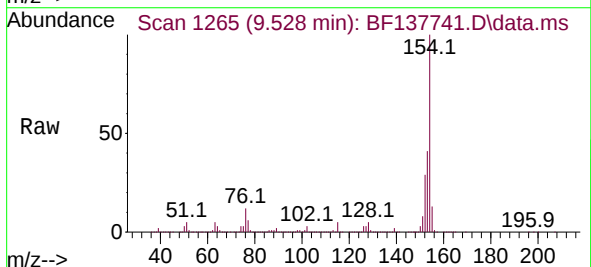
Delta R.T. 0.000 min

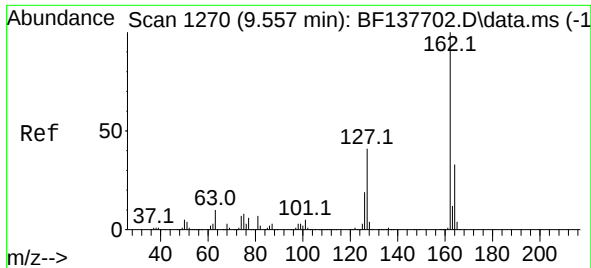
Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Tgt Ion:154 Resp: 1814149

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.9	61.9
76	12.5	0.0	35.3





#47
2-Chloronaphthalene
Concen: 43.892 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

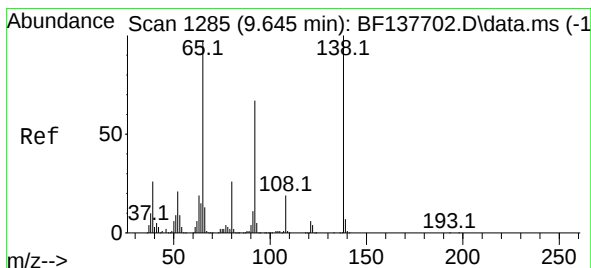
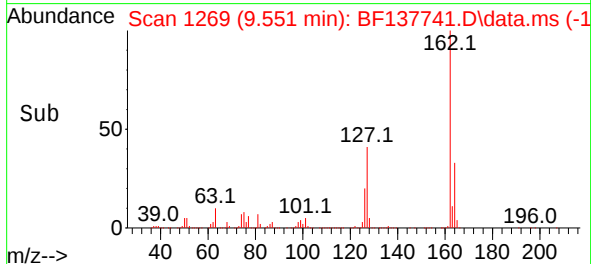
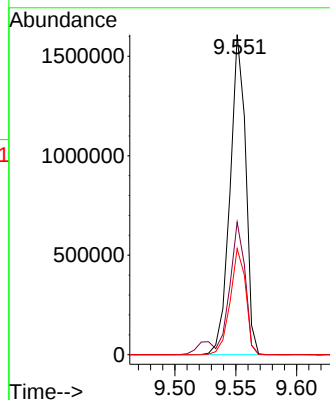
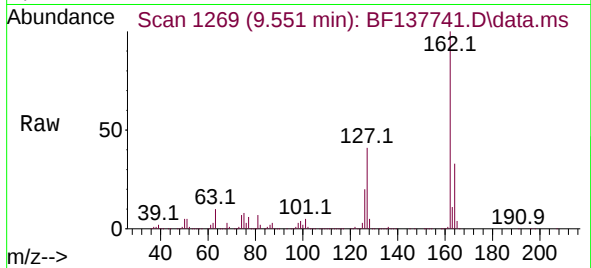
RT-3860MSD

Tgt Ion:162 Resp: 1433510
Ion Ratio Lower Upper
162 100
127 41.5 33.1 49.7
164 33.2 26.5 39.7

Manual Integrations

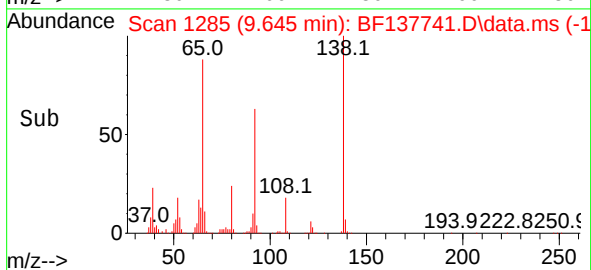
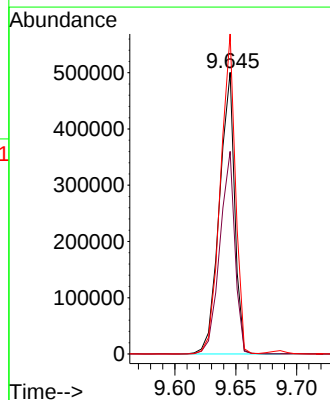
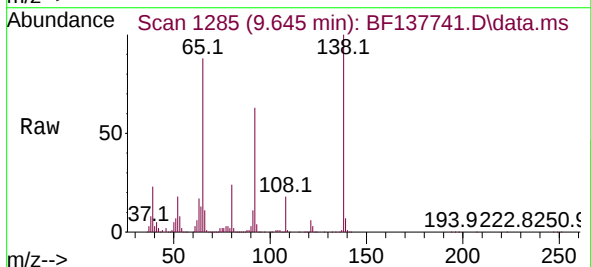
APPROVED

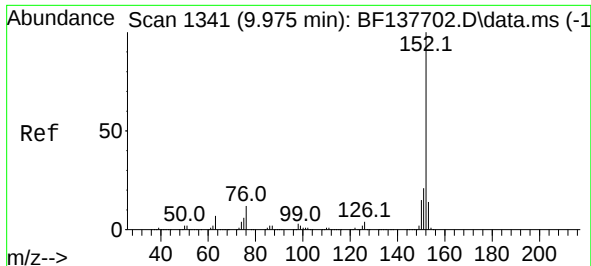
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#48
2-Nitroaniline
Concen: 43.896 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion: 65 Resp: 436861
Ion Ratio Lower Upper
65 100
92 71.9 54.9 82.3
138 113.6 82.4 123.6





#49

Acenaphthylene

Concen: 44.314 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF137741.D

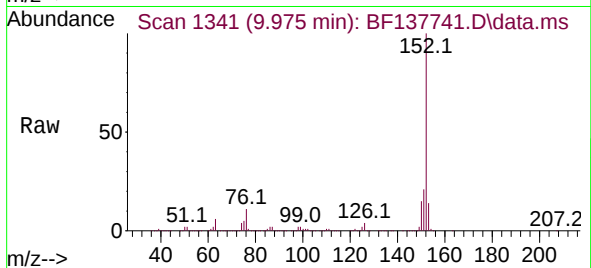
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD



Tgt Ion:152 Resp: 225703

Ion Ratio Lower Upper

152 100

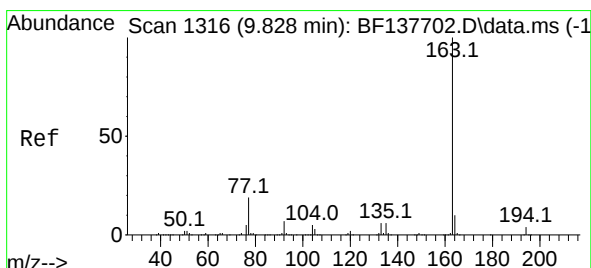
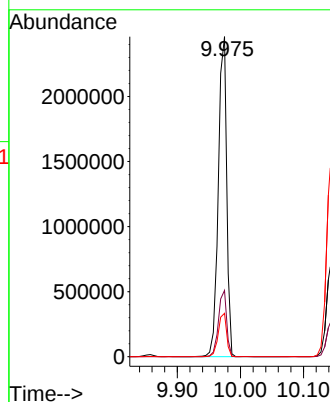
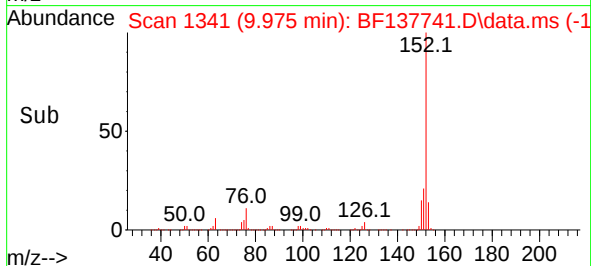
151 20.7 16.8 25.2

153 13.6 11.0 16.4

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 42.037 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

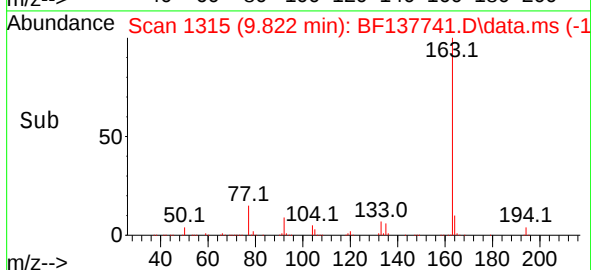
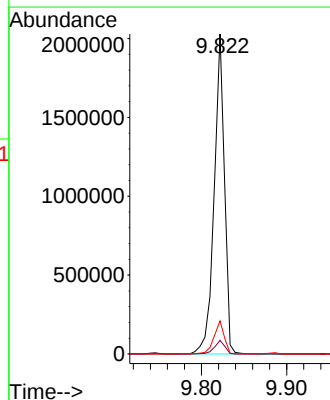
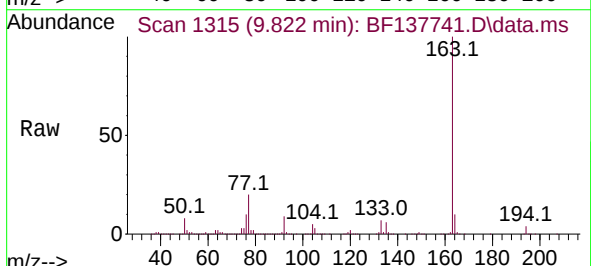
Tgt Ion:163 Resp: 1705757

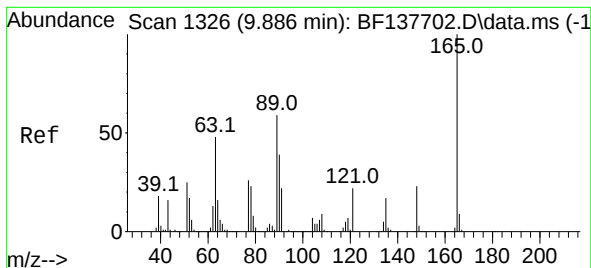
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.510 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

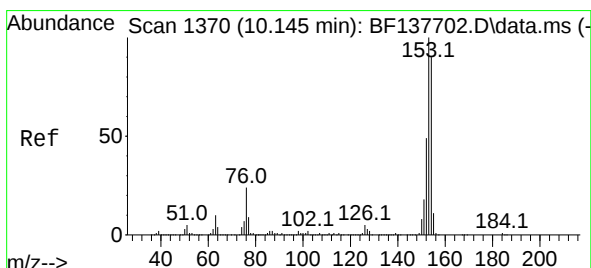
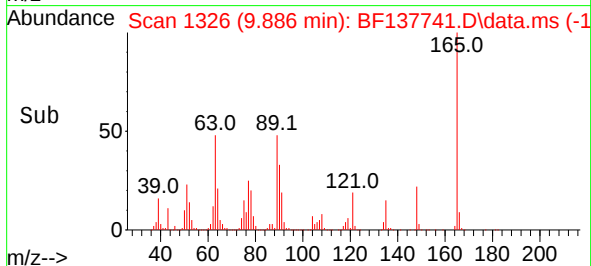
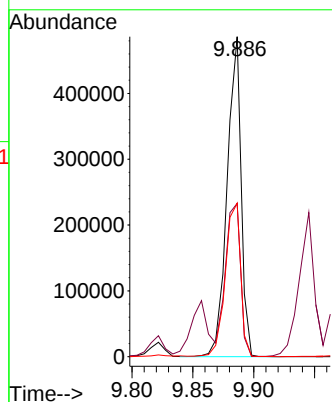
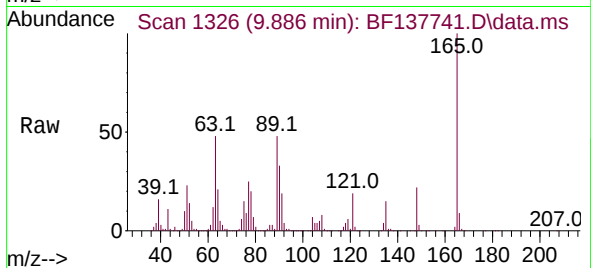
RT-3860MSD

Tgt Ion:165 Resp: 389086
Ion Ratio Lower Upper
165 100
63 47.9 47.7 71.5
89 48.0 47.3 70.9

Manual Integrations

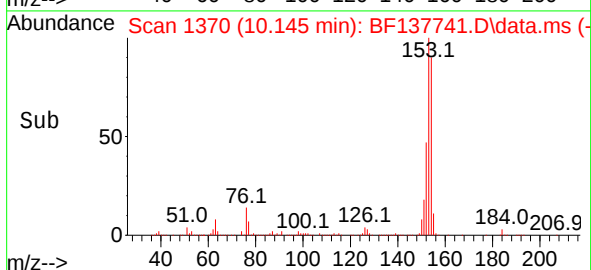
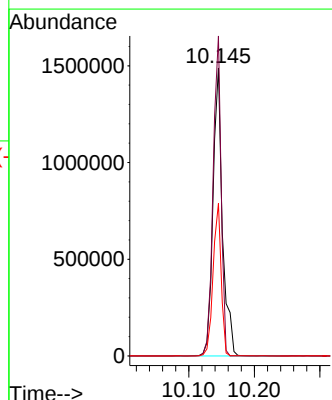
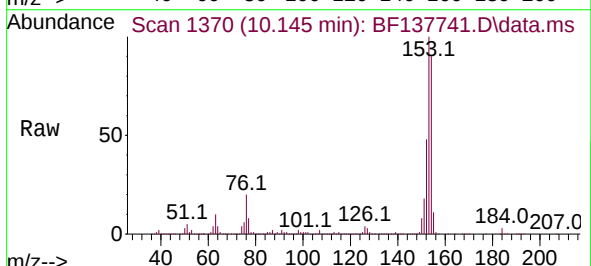
APPROVED

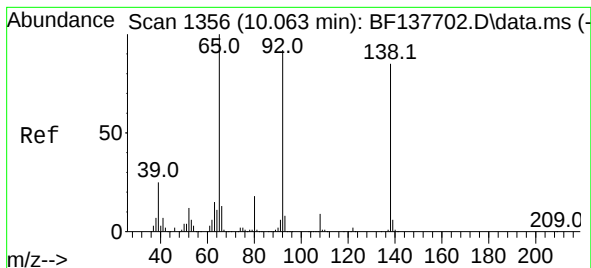
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#52
Acenaphthene
Concen: 45.430 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:154 Resp: 1498265
Ion Ratio Lower Upper
154 100
153 111.1 88.5 132.7
152 53.0 43.3 64.9





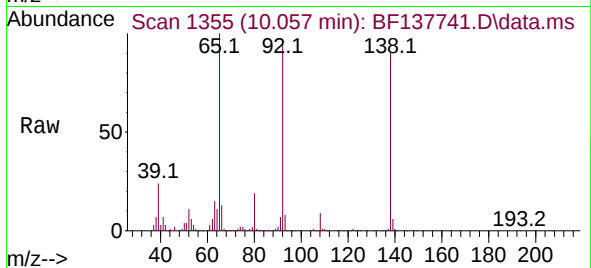
#53
3-Nitroaniline
Concen: 25.739 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

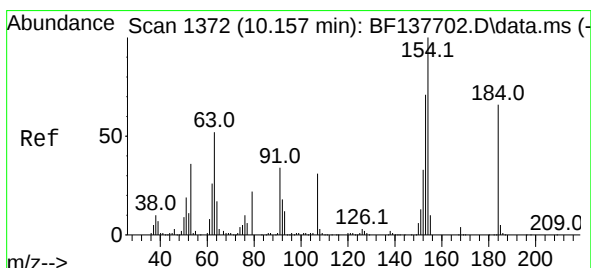
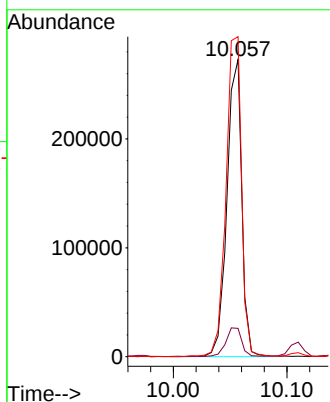
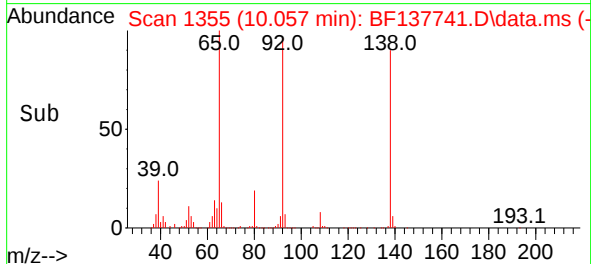


Tgt Ion:138 Resp: 247290
Ion Ratio Lower Upper
138 100
108 9.6 8.3 12.5
92 107.7 86.9 130.3

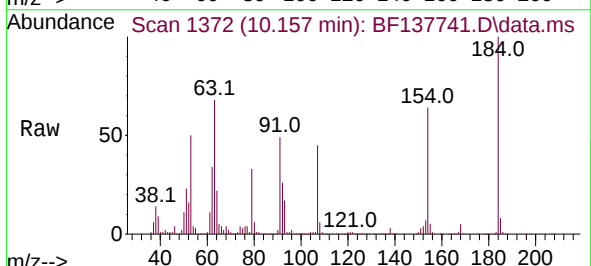
Manual Integrations

APPROVED

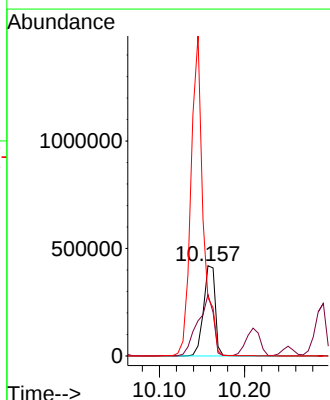
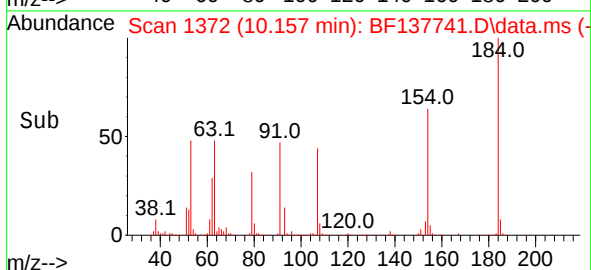
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

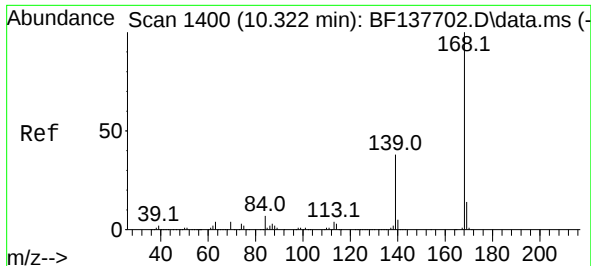


#54
2,4-Dinitrophenol
Concen: 87.611 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25



Tgt Ion:184 Resp: 400564
Ion Ratio Lower Upper
184 100
63 67.8 63.5 95.3
154 64.4 123.0 184.6#





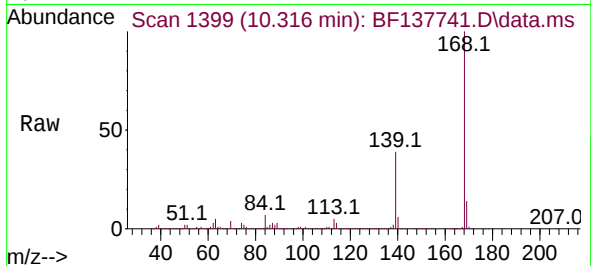
#55
Dibenzenofuran
Concen: 42.432 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

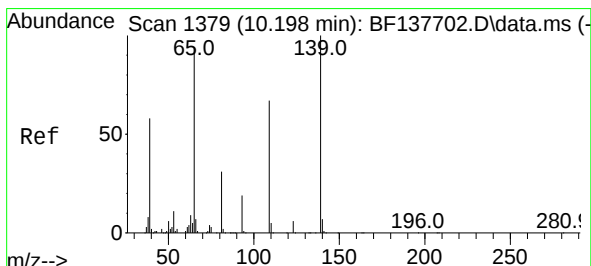
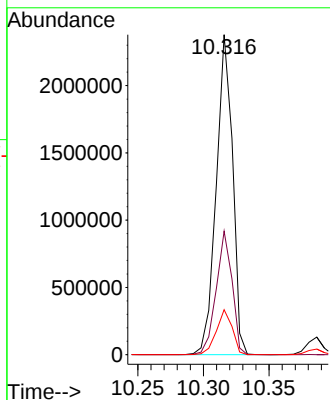
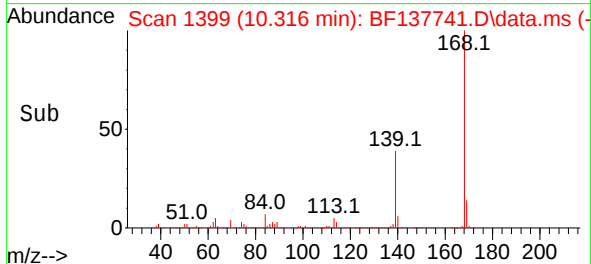


Tgt Ion:168 Resp: 205128
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 14.0 10.9 16.3

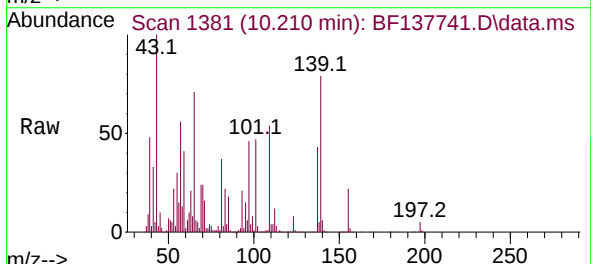
Manual Integrations

APPROVED

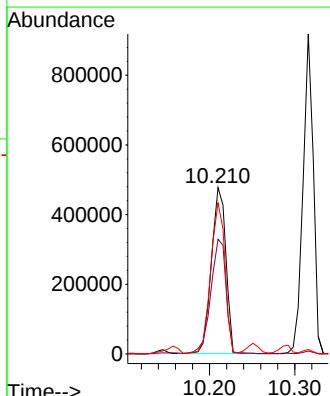
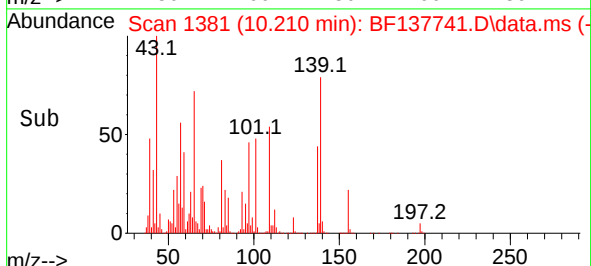
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

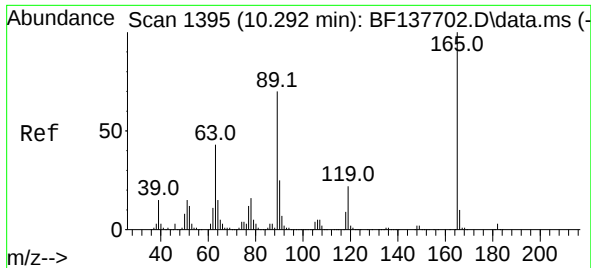


#56
4-Nitrophenol
Concen: 75.263 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25



Tgt Ion:139 Resp: 562343
Ion Ratio Lower Upper
139 100
109 68.9 46.9 86.9
65 90.7 75.8 115.8





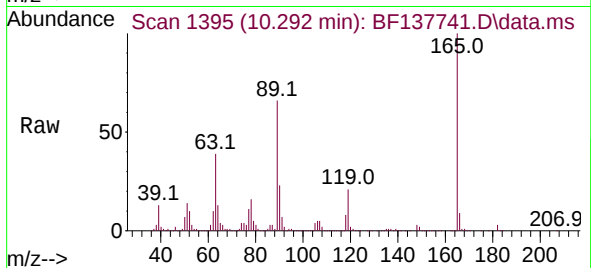
#57
2,4-Dinitrotoluene
Concen: 48.282 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

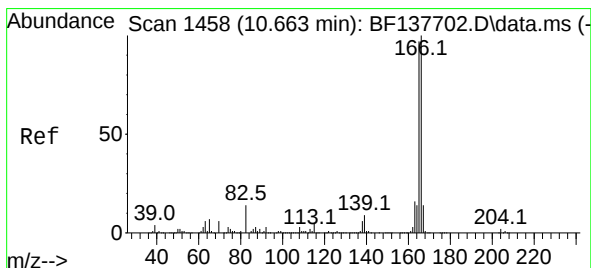
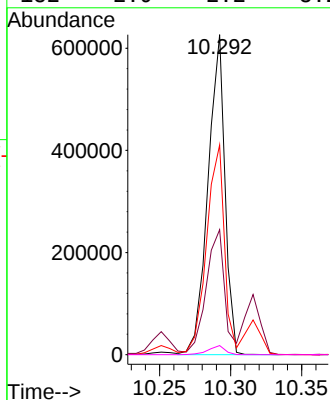
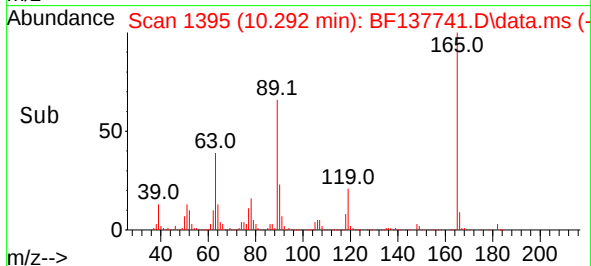


Tgt Ion:165 Resp: 520398
Ion Ratio Lower Upper
165 100
63 39.1 34.1 51.1
89 65.5 56.4 84.6
182 2.9 2.2 3.2

Manual Integrations

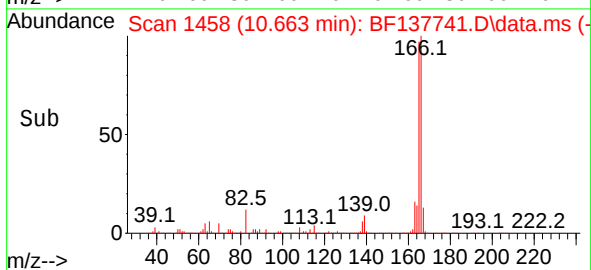
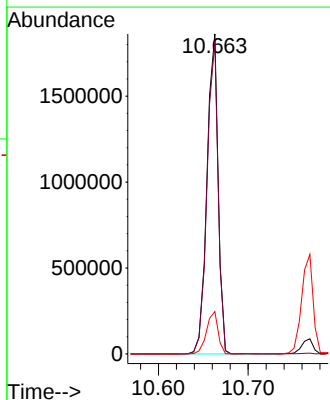
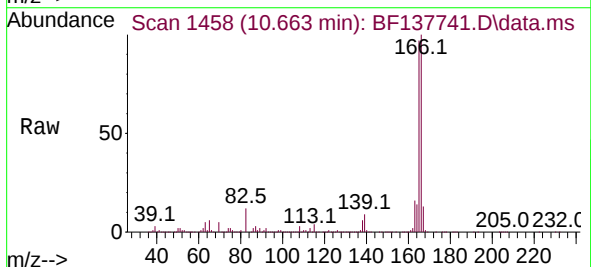
APPROVED

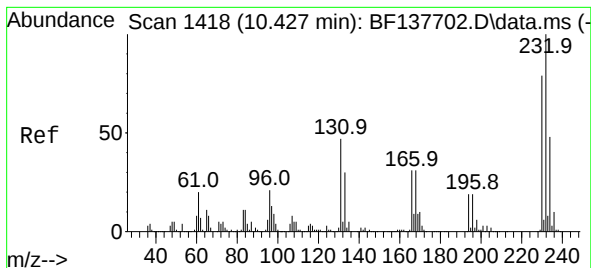
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#58
Fluorene
Concen: 42.535 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:166 Resp: 1606697
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.6
167 13.3 10.8 16.2





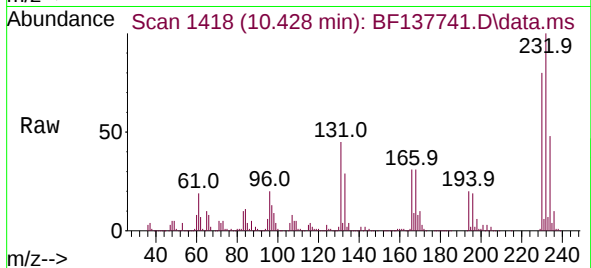
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.334 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

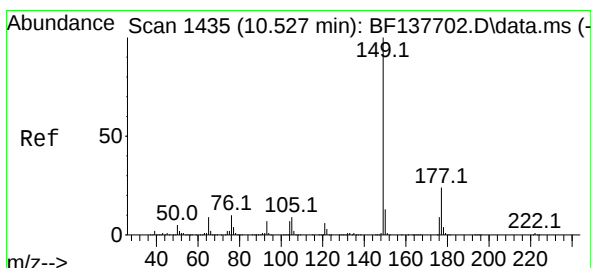
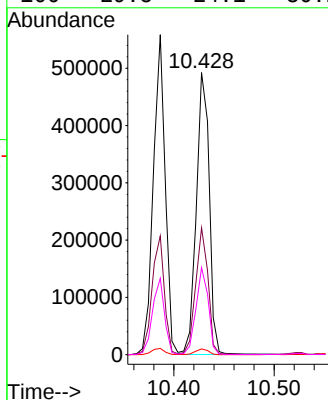
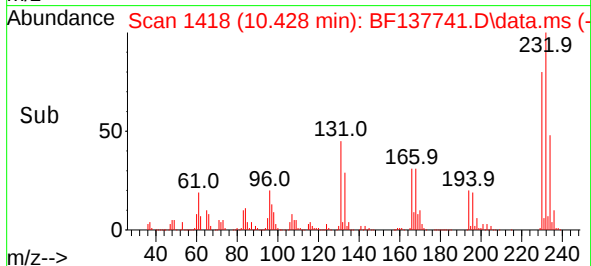


Tgt Ion:232 Resp: 440679
Ion Ratio Lower Upper
232 100
131 43.1 36.4 54.6
130 2.1 1.8 2.6
166 29.5 24.1 36.1

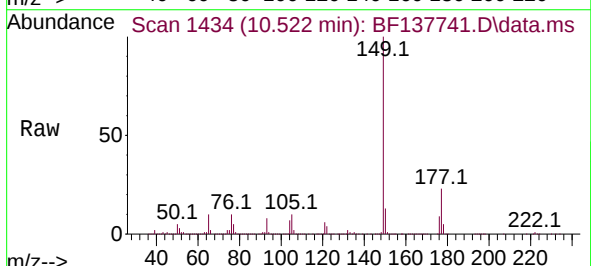
Manual Integrations

APPROVED

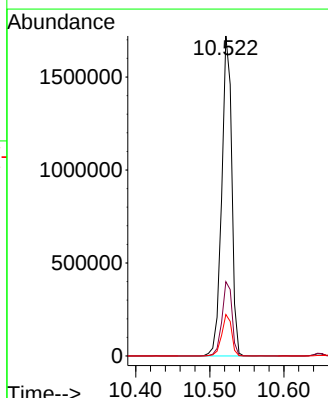
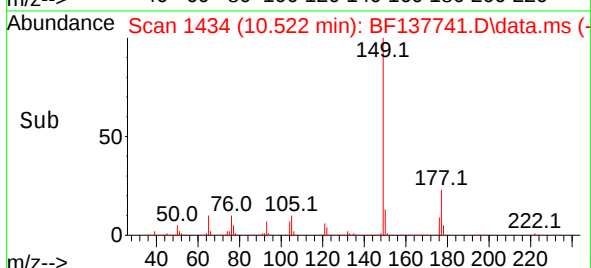
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

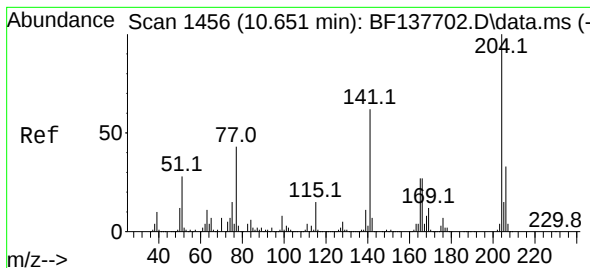


#60
Diethylphthalate
Concen: 41.543 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25



Tgt Ion:149 Resp: 1621338
Ion Ratio Lower Upper
149 100
177 23.2 19.0 28.4
150 13.0 10.2 15.2





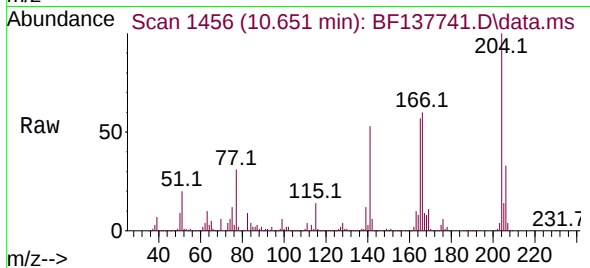
#61
4-Chlorophenyl-phenylether
Concen: 42.406 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

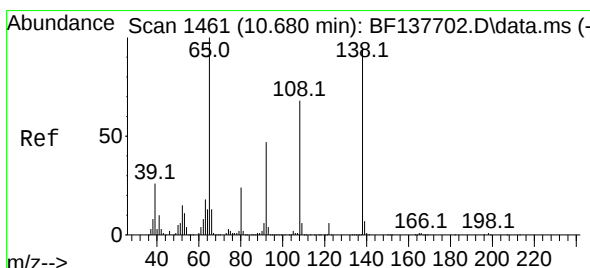
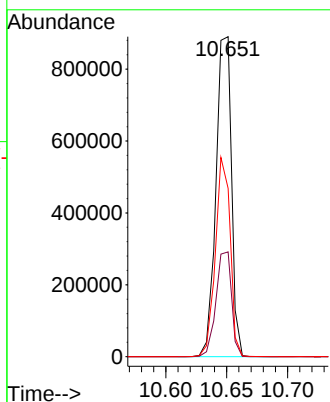
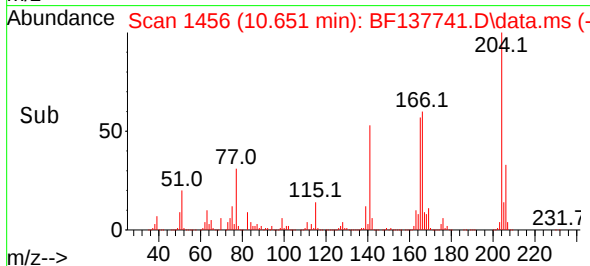


Tgt Ion:204 Resp: 791488
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 52.6 49.4 74.2

Manual Integrations

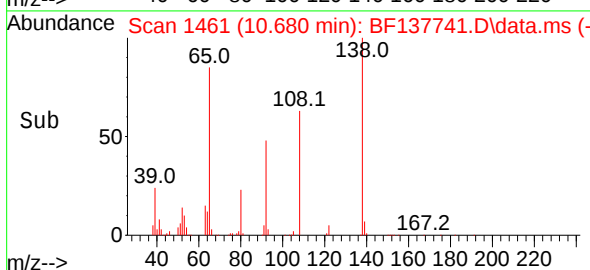
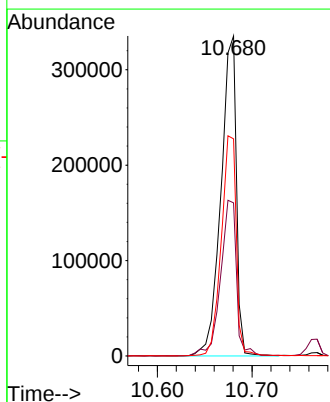
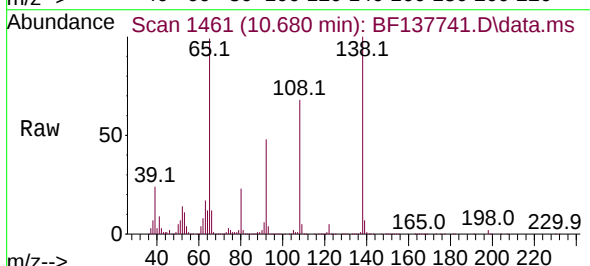
APPROVED

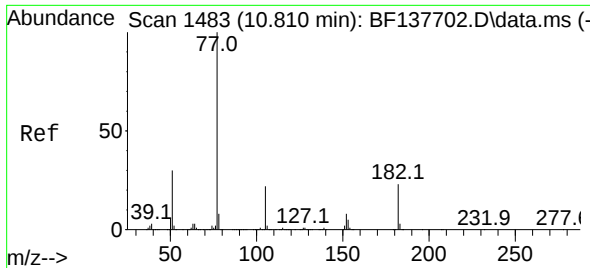
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#62
4-Nitroaniline
Concen: 41.644 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:138 Resp: 381096
Ion Ratio Lower Upper
138 100
92 47.8 29.8 69.8
108 67.8 51.1 91.1





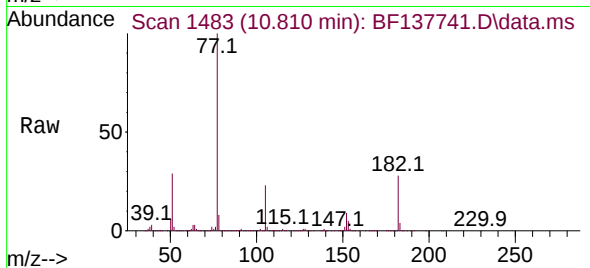
#63
Azobenzene
Concen: 40.443 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

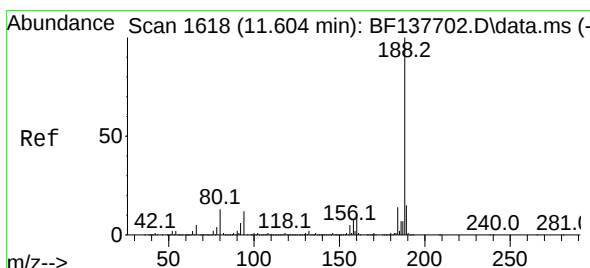
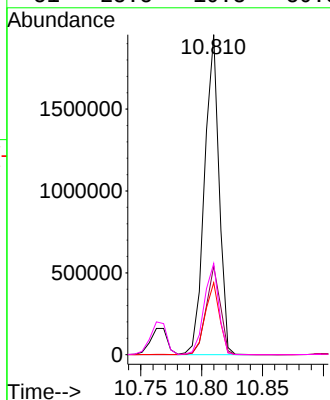
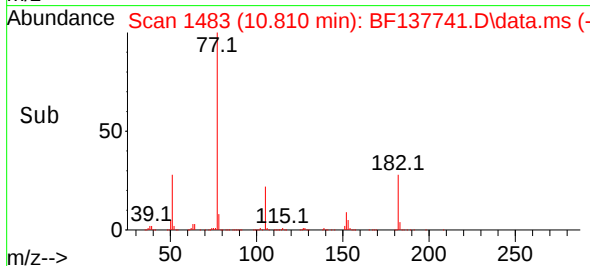


Tgt Ion: 77 Resp: 161743
Ion Ratio Lower Upper
77 100
182 27.6 3.1 43.1
105 22.5 1.6 41.6
51 28.5 10.3 50.3

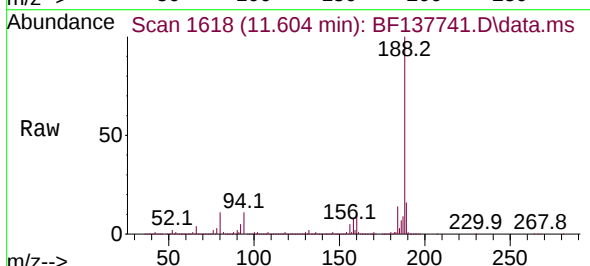
Manual Integrations

APPROVED

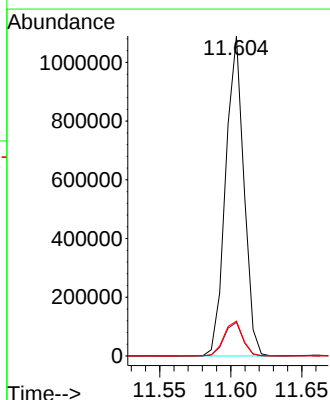
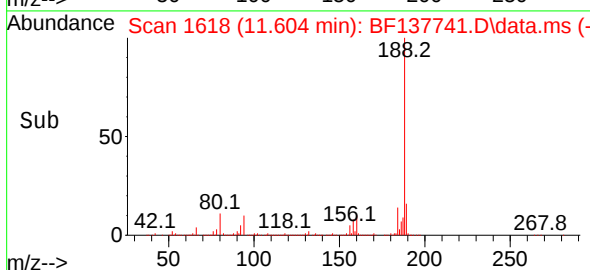
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

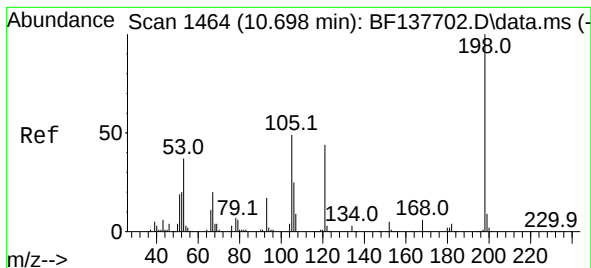


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25



Tgt Ion:188 Resp: 972666
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.9 10.2 15.4





#65
4,6-Dinitro-2-methylphenol
Concen: 50.456 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

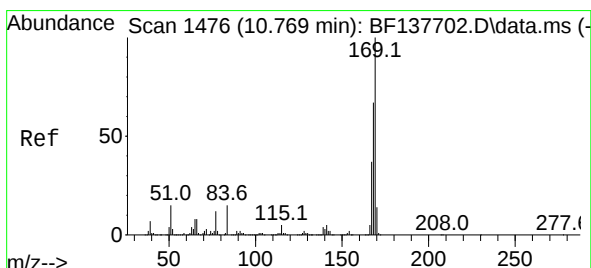
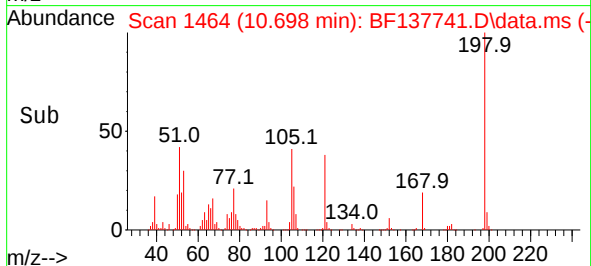
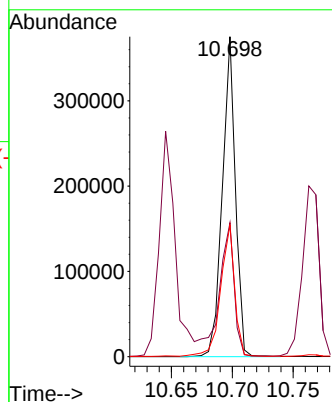
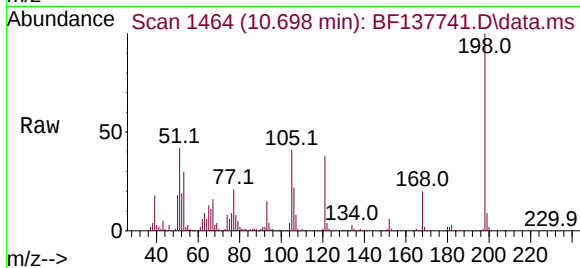
RT-3860MSD

Tgt Ion:198 Resp: 281390
Ion Ratio Lower Upper
198 100
51 41.9 33.5 73.5
105 41.2 29.3 69.3

Manual Integrations

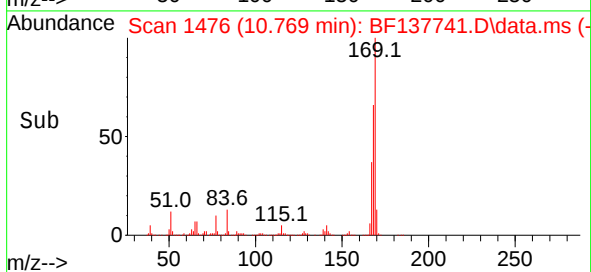
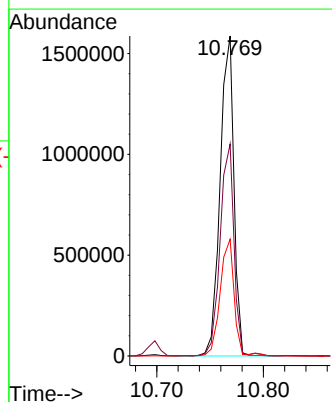
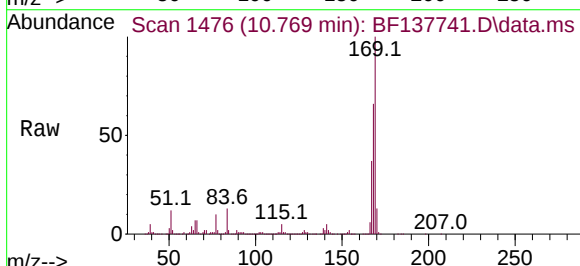
APPROVED

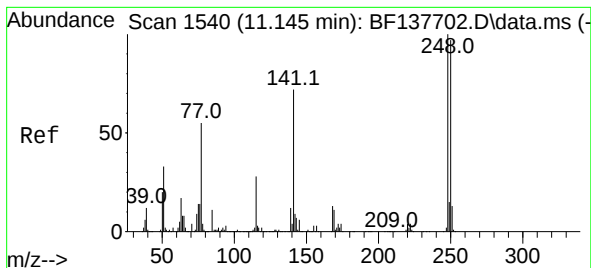
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#66
n-Nitrosodiphenylamine
Concen: 43.032 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:169 Resp: 1417601
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.2
167 36.5 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 43.745 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

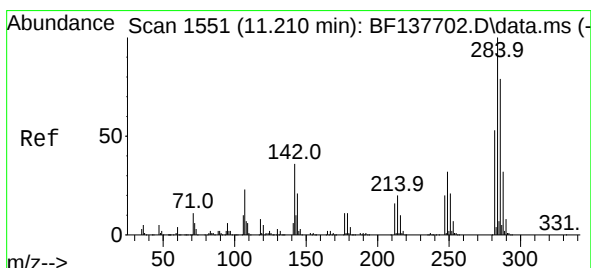
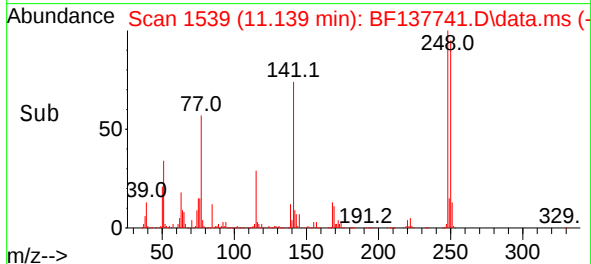
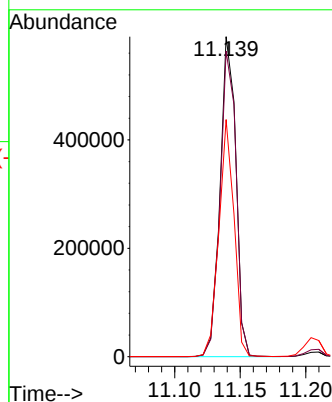
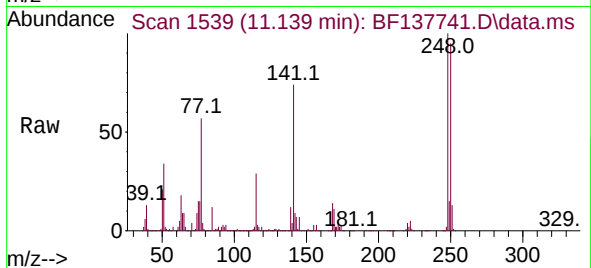
RT-3860MSD

Tgt Ion:248 Resp: 493040
Ion Ratio Lower Upper
248 100
250 95.5 77.4 116.0
141 74.1 57.9 86.9

Manual Integrations

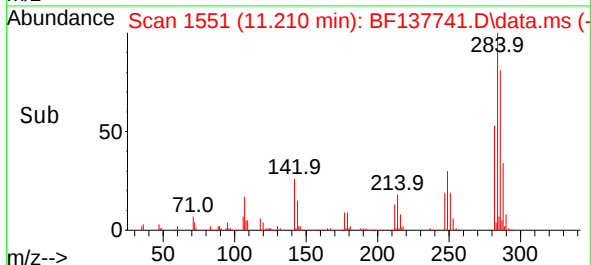
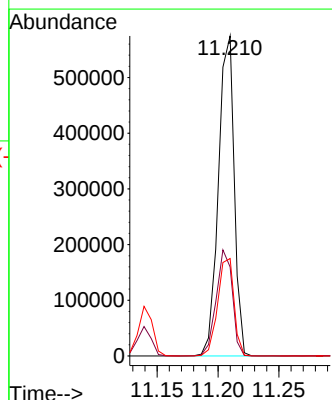
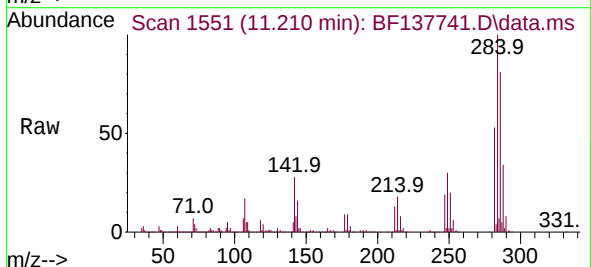
APPROVED

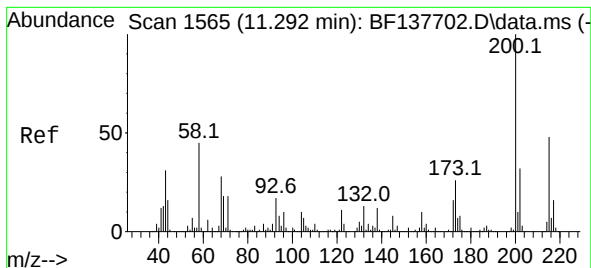
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#68
Hexachlorobenzene
Concen: 47.293 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:284 Resp: 519276
Ion Ratio Lower Upper
284 100
142 27.8 28.5 42.7#
249 30.5 25.6 38.4





#69

Atrazine

Concen: 51.614 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

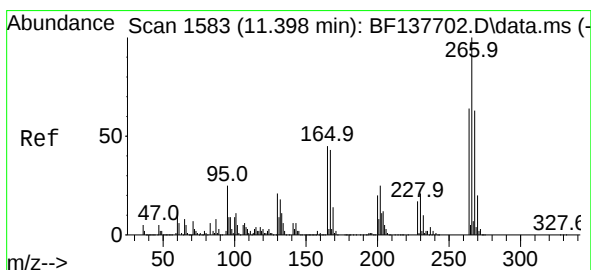
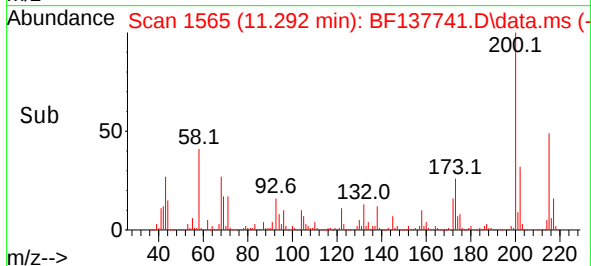
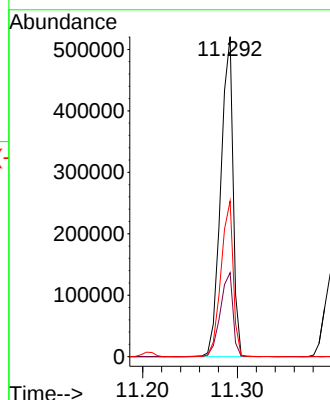
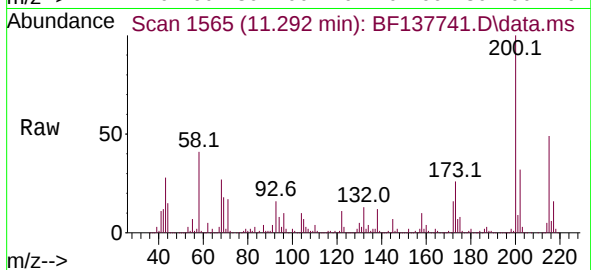
RT-3860MSD

Tgt Ion:200 Resp: 470024
 Ion Ratio Lower Upper
 200 100
 173 26.2 6.3 46.3
 215 48.6 28.0 68.0

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 79.908 ng

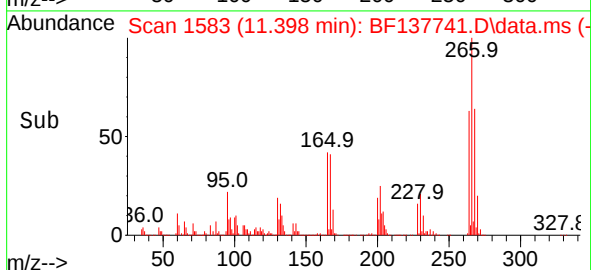
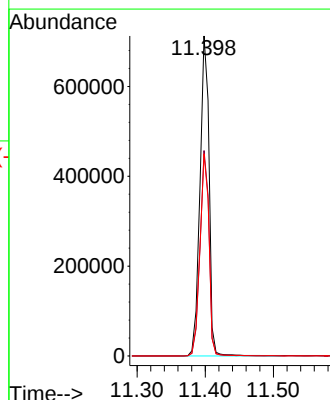
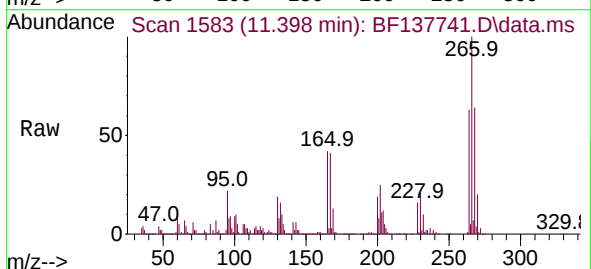
RT: 11.398 min Scan# 1583

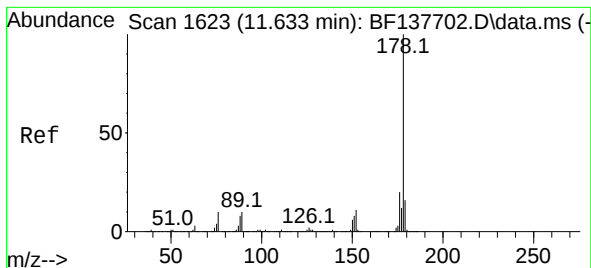
Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

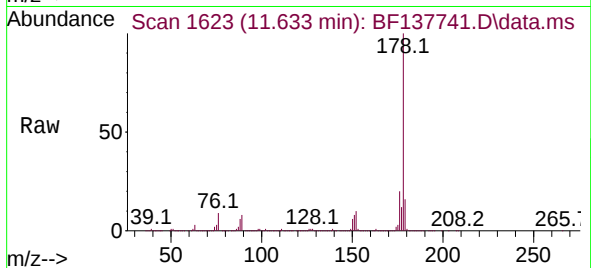
Tgt Ion:266 Resp: 660010
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.4 75.6
 264 63.2 51.4 77.0





#71
Phenanthrene
Concen: 45.975 ng
RT: 11.633 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

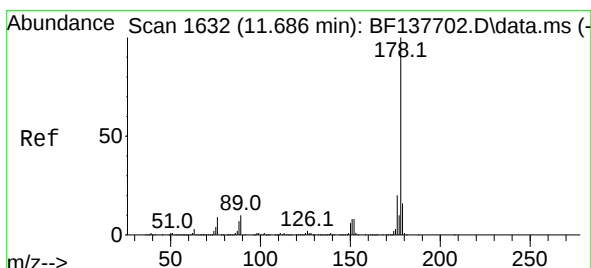
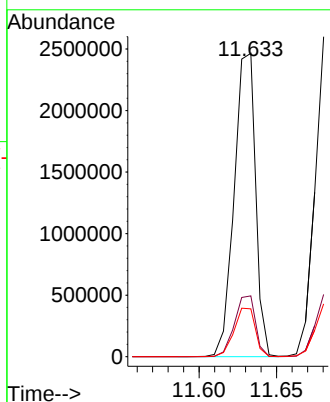
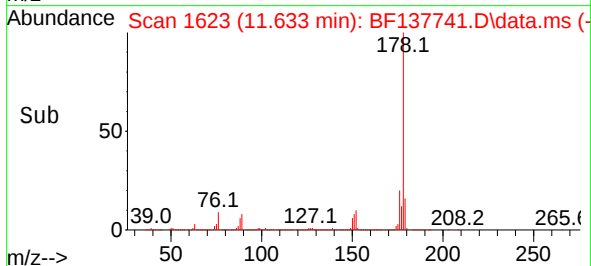
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion:178 Resp: 2367190
Ion Ratio Lower Upper
178 100
176 20.1 16.4 24.6
179 15.8 12.8 19.2

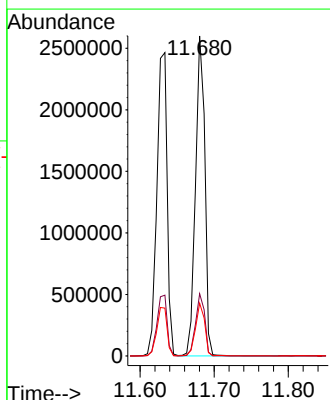
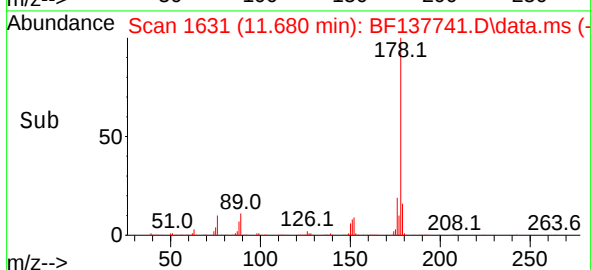
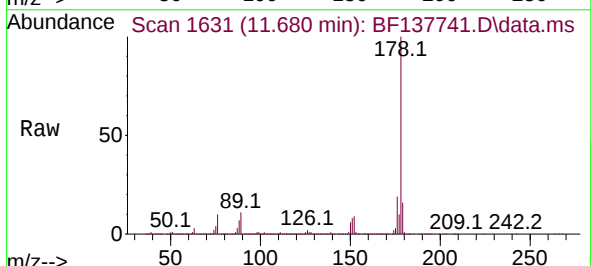
Manual Integrations
APPROVED

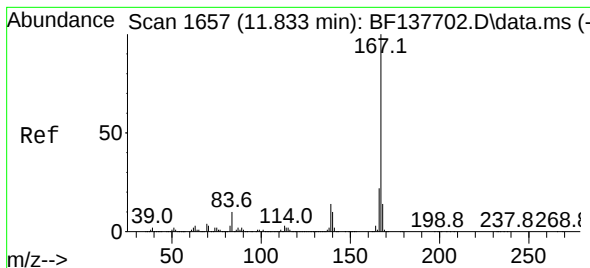
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#72
Anthracene
Concen: 43.039 ng
RT: 11.680 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:178 Resp: 2269194
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 16.5 13.0 19.6





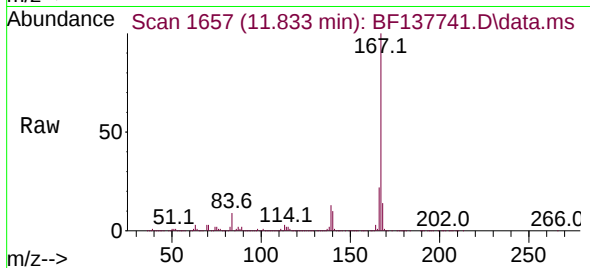
#73
 Carbazole
 Concen: 41.905 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: BF137741.D
 Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

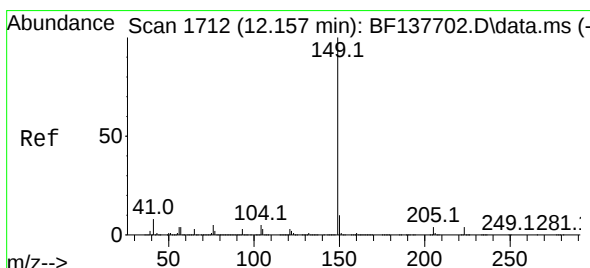
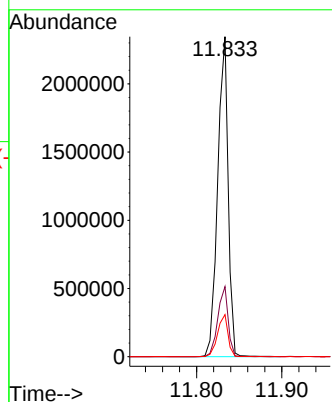
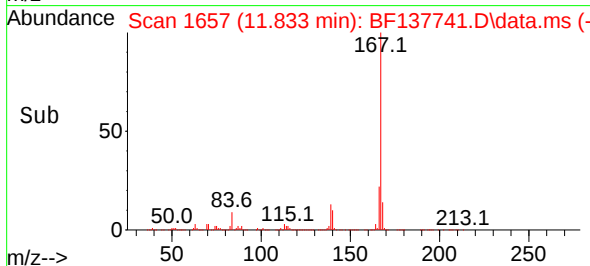


Tgt Ion:167 Resp: 2002304
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.2 10.9 16.3

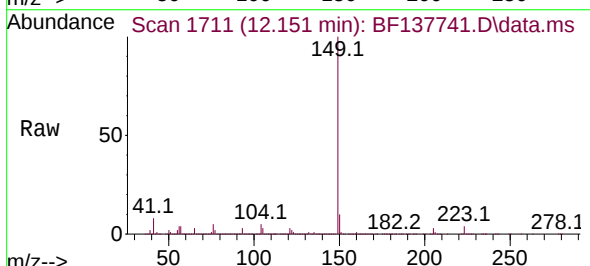
Manual Integrations

APPROVED

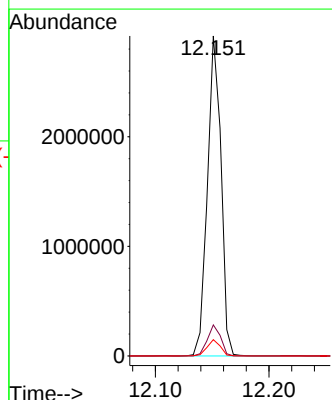
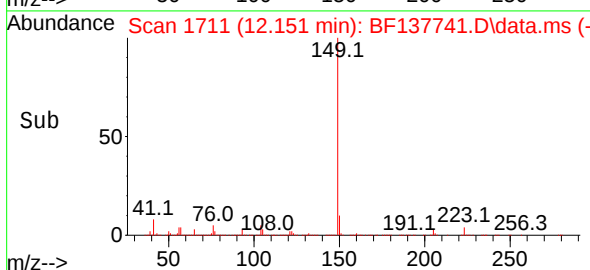
Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024

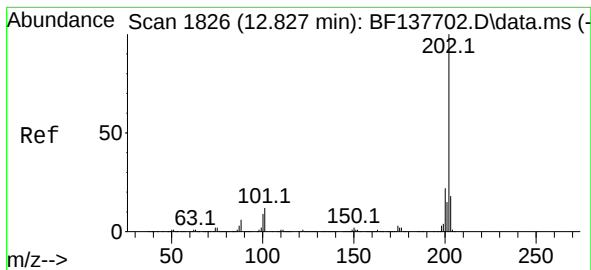


#74
 Di-n-butylphthalate
 Concen: 41.494 ng
 RT: 12.151 min Scan# 1711
 Delta R.T. -0.006 min
 Lab File: BF137741.D
 Acq: 26 Apr 2024 18:25



Tgt Ion:149 Resp: 2416897
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.1 4.2 6.4





#75
Fluoranthene
Concen: 44.448 ng
RT: 12.822 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

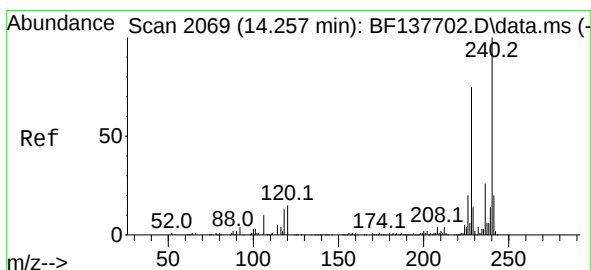
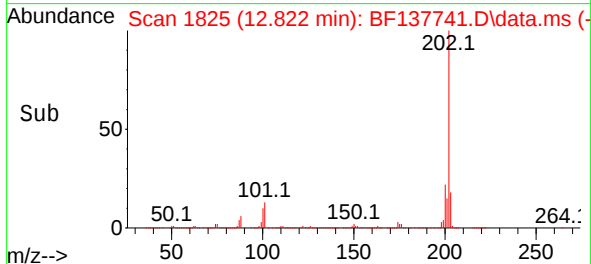
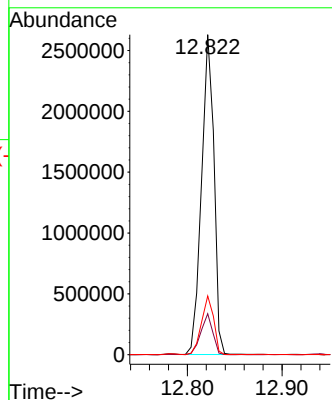
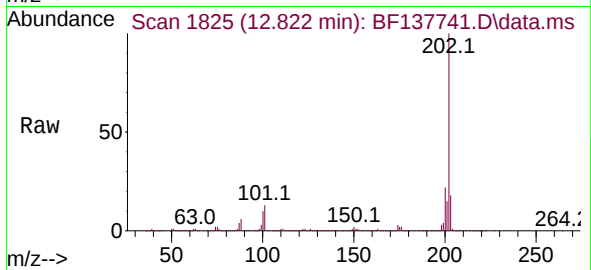
RT-3860MSD

Tgt Ion:202 Resp: 240553
Ion Ratio Lower Upper
202 100
101 12.8 0.0 32.2
203 18.4 0.0 38.1

Manual Integrations

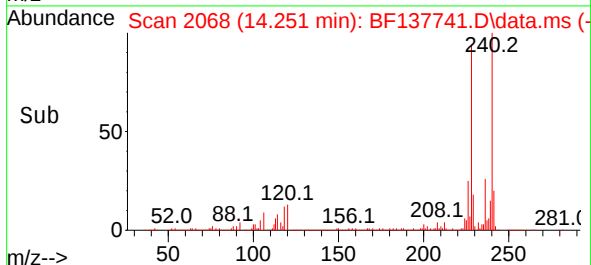
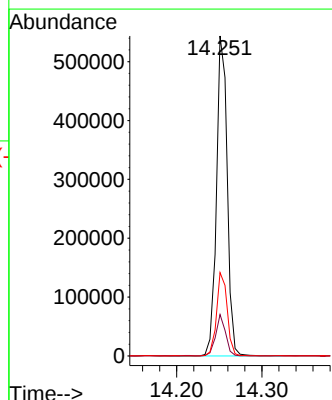
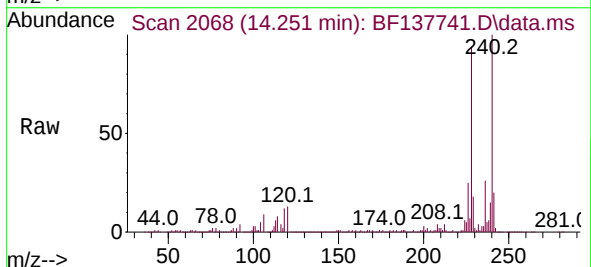
APPROVED

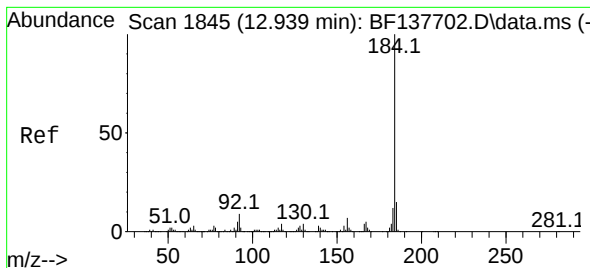
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:240 Resp: 476679
Ion Ratio Lower Upper
240 100
120 12.9 11.9 17.9
236 26.1 20.8 31.2





#77

Benzidine

Concen: 73.530 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

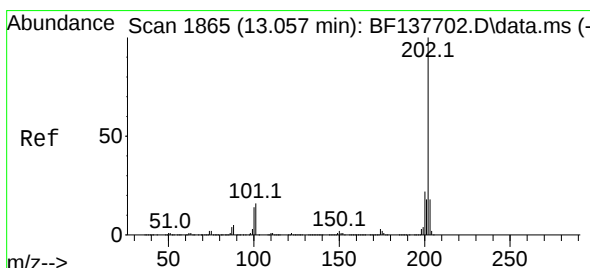
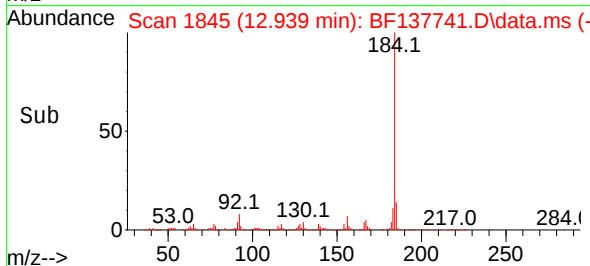
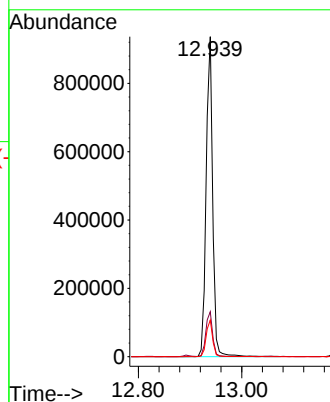
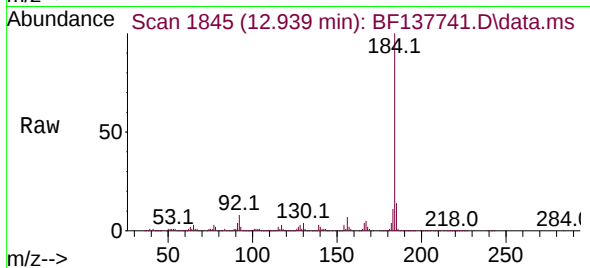
Tgt Ion:184 Resp: 818650

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.2	18.4
183	11.5	9.4	14.0

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 58.200 ng

RT: 13.057 min Scan# 1865

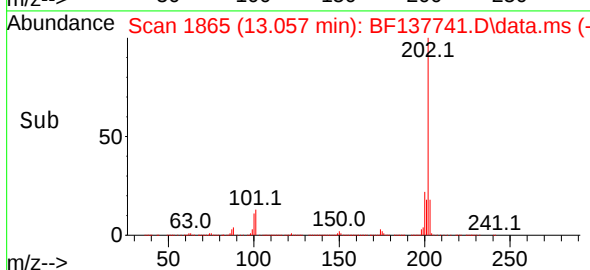
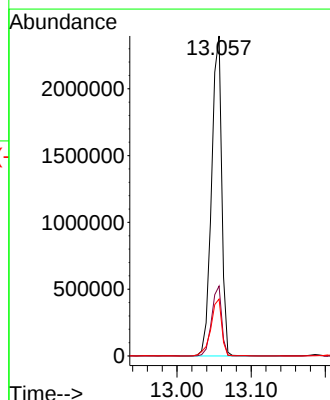
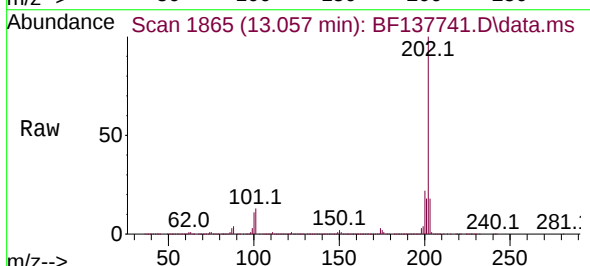
Delta R.T. 0.000 min

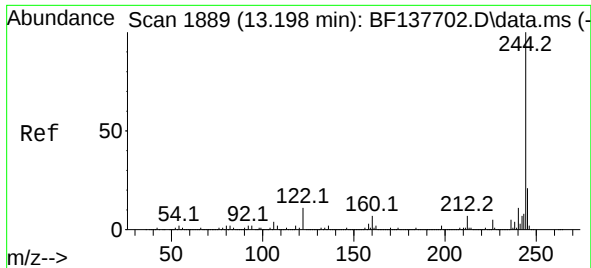
Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Tgt Ion:202 Resp: 2277099

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	17.8	14.6	21.8





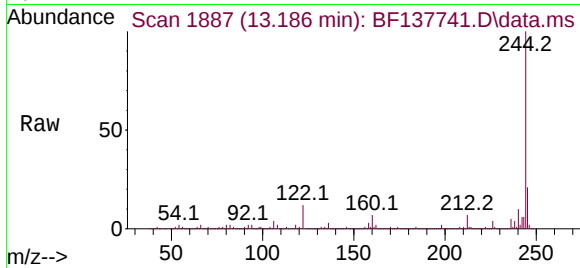
#79
 Terphenyl-d14
 Concen: 87.576 ng
 RT: 13.186 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF137741.D
 Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

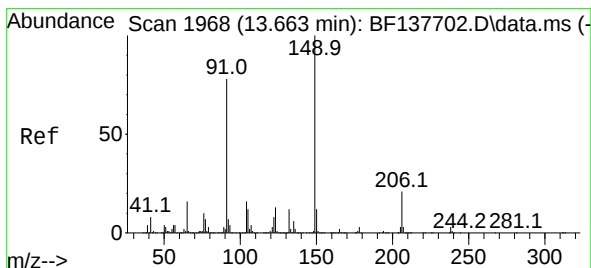
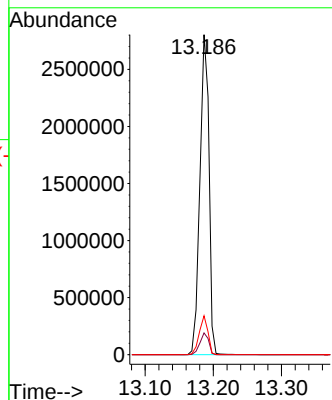
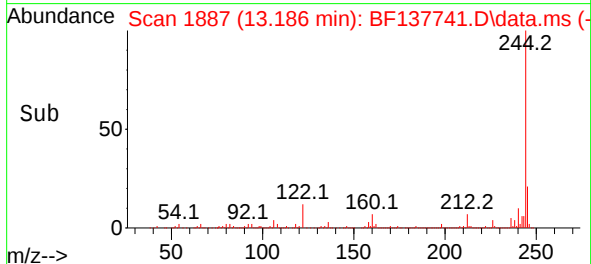


Tgt Ion:244 Resp: 2593618
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 12.2 8.8 13.2

Manual Integrations

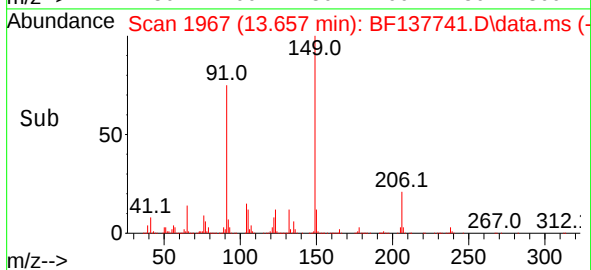
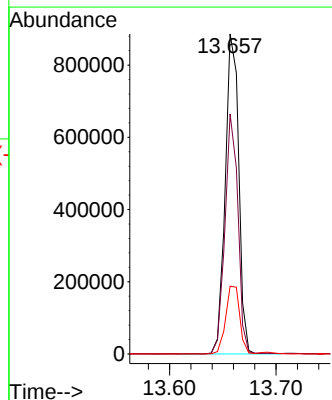
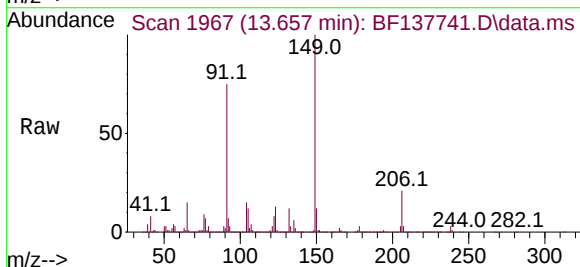
APPROVED

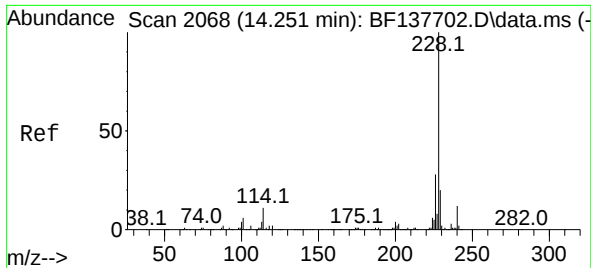
Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#80
 Butylbenzylphthalate
 Concen: 56.023 ng
 RT: 13.657 min Scan# 1967
 Delta R.T. -0.006 min
 Lab File: BF137741.D
 Acq: 26 Apr 2024 18:25

Tgt Ion:149 Resp: 777305
 Ion Ratio Lower Upper
 149 100
 91 75.0 62.6 93.8
 206 21.2 16.5 24.7





#81
Benzo(a)anthracene
Concen: 46.690 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

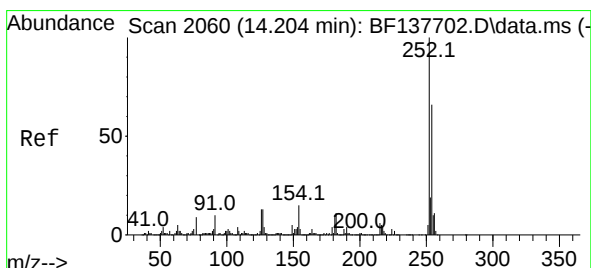
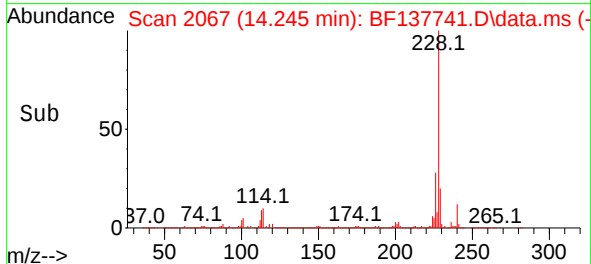
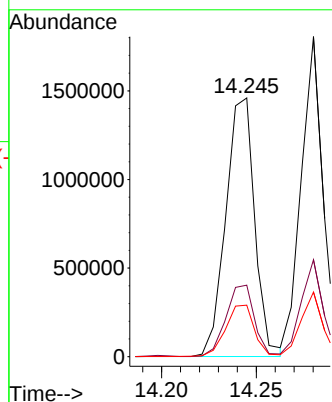
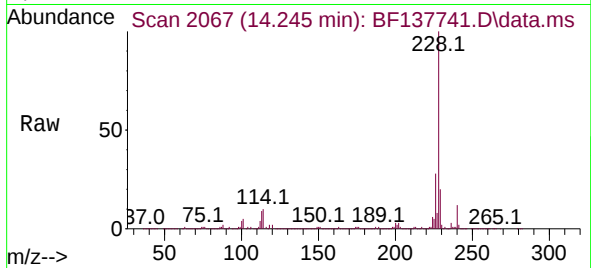
RT-3860MSD

Tgt Ion:228 Resp: 1552324
Ion Ratio Lower Upper
228 100
226 27.7 22.7 34.1
229 19.9 16.0 24.0

Manual Integrations

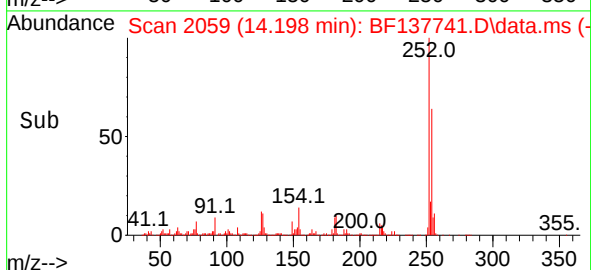
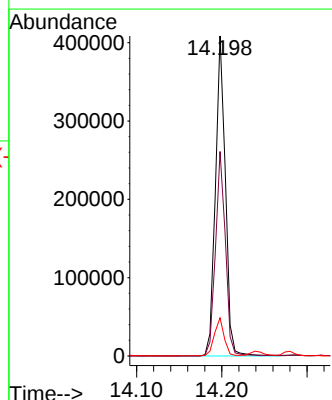
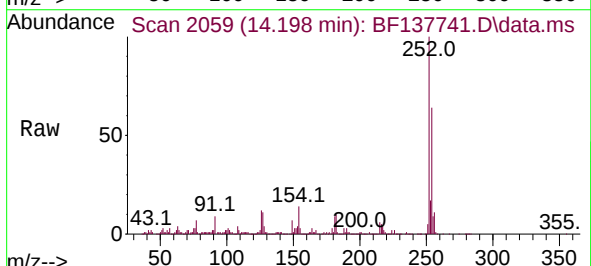
APPROVED

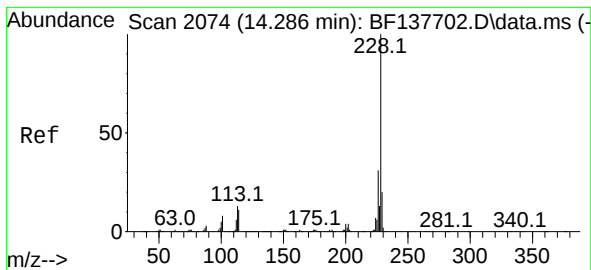
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#82
3,3'-Dichlorobenzidine
Concen: 32.332 ng
RT: 14.198 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:252 Resp: 332596
Ion Ratio Lower Upper
252 100
254 63.9 52.6 79.0
126 11.9 10.8 16.2





#83

Chrysene

Concen: 45.886 ng

RT: 14.280 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:228 Resp: 1425458

Ion Ratio Lower Upper

228 100

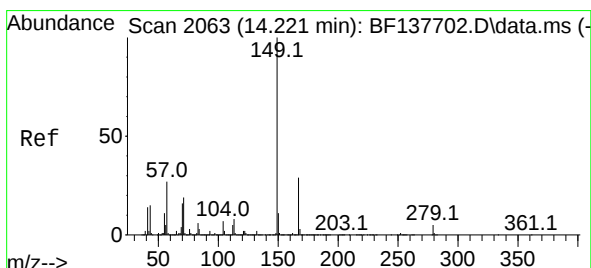
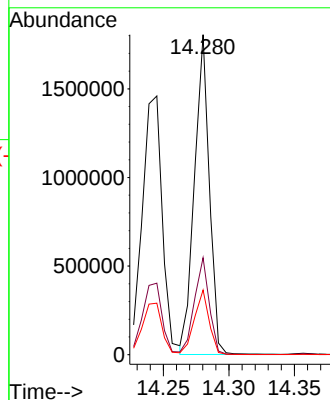
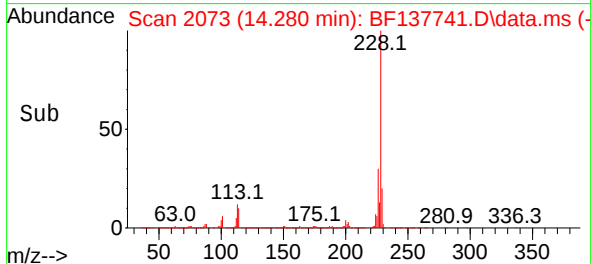
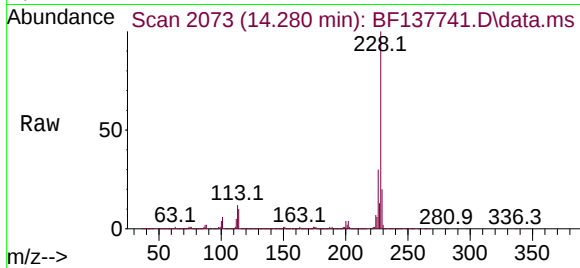
226 30.3 24.7 37.1

229 20.2 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: 52.377 ng

RT: 14.216 min Scan# 2062

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

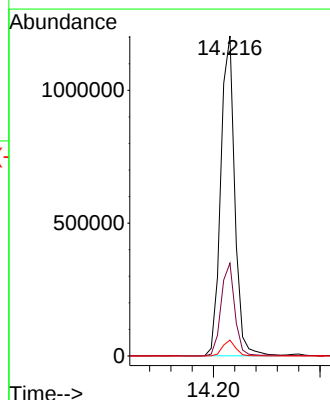
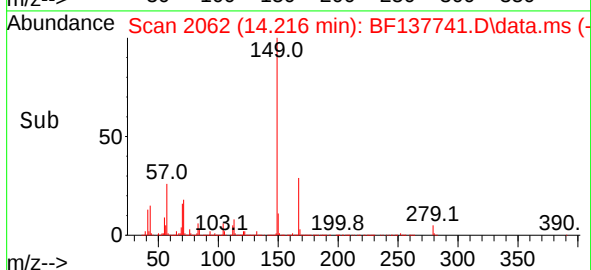
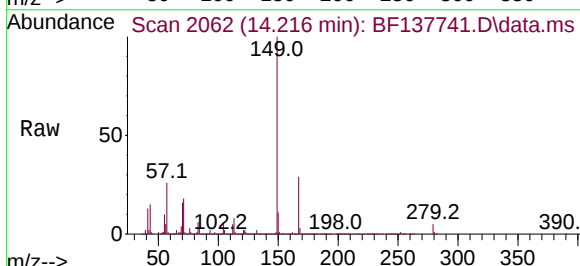
Tgt Ion:149 Resp: 1097488

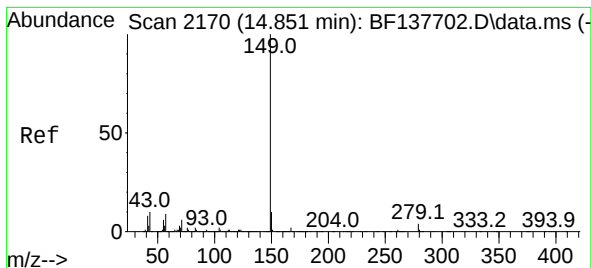
Ion Ratio Lower Upper

149 100

167 29.0 23.4 35.0

279 5.0 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 49.616 ng

RT: 14.845 min Scan# 2169

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:149 Resp: 1561658

Ion Ratio Lower Upper

149 100

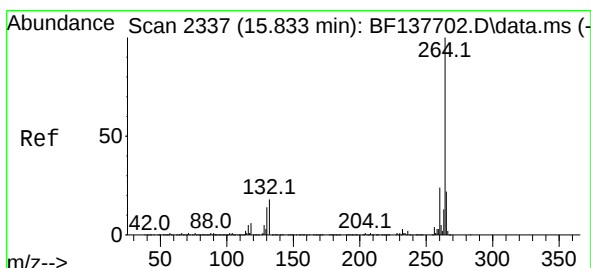
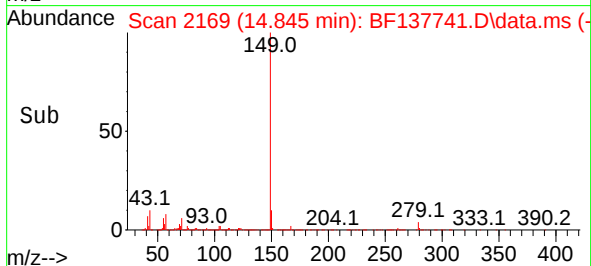
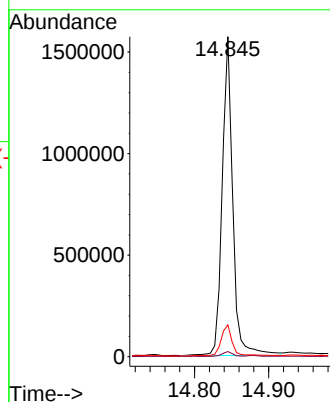
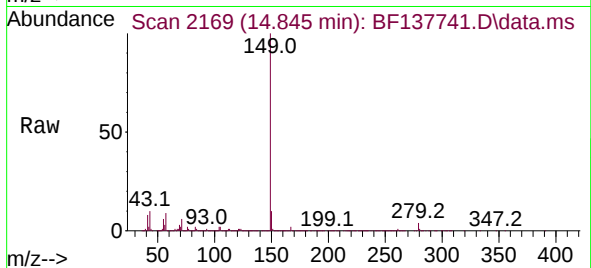
167 1.6 1.2 1.8

43 10.5 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: 15.827 min Scan# 2336

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

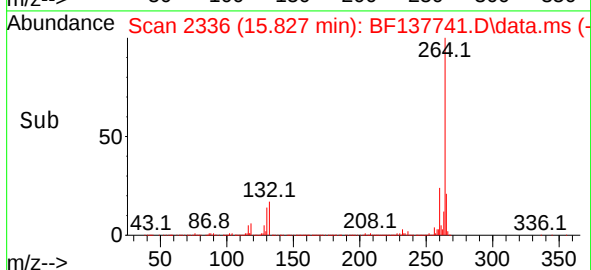
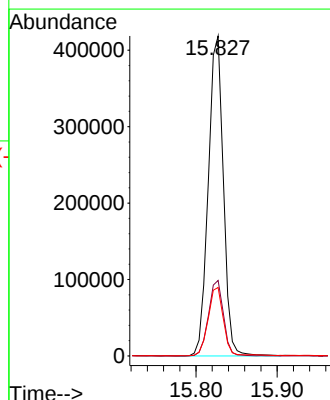
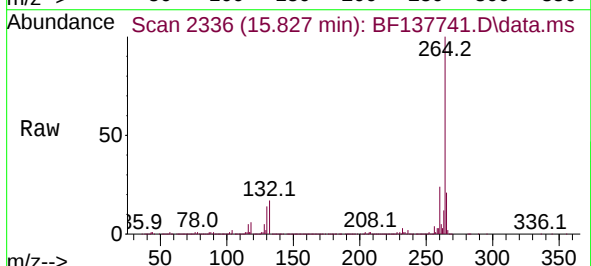
Tgt Ion:264 Resp: 540439

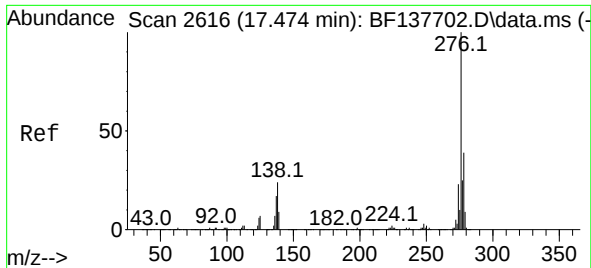
Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.4 17.5 26.3





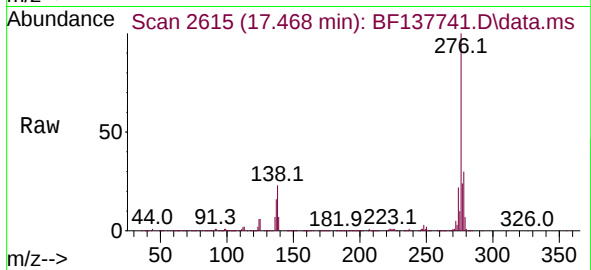
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.775 ng
RT: 17.468 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

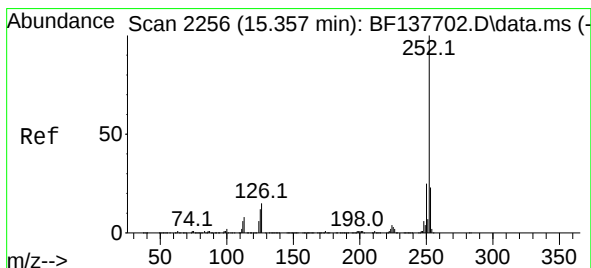
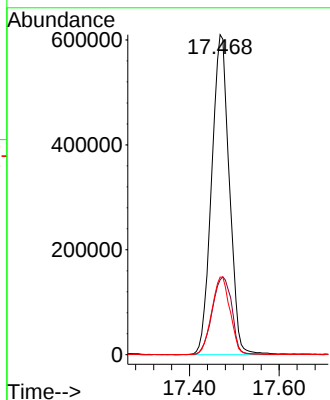
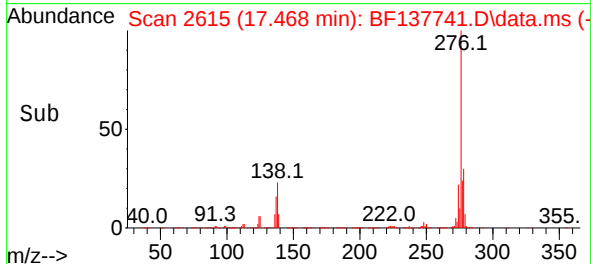


Tgt Ion:276 Resp: 1671350
Ion Ratio Lower Upper
276 100
138 27.0 22.3 33.5
277 25.4 20.2 30.2

Manual Integrations

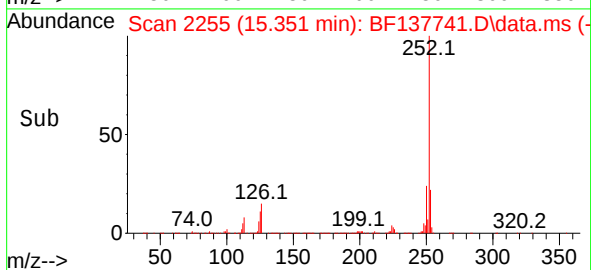
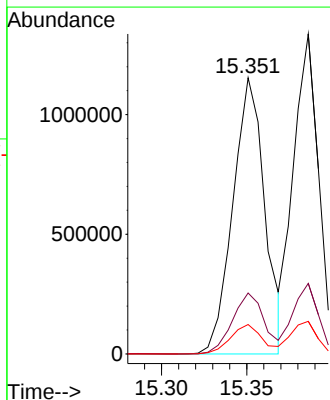
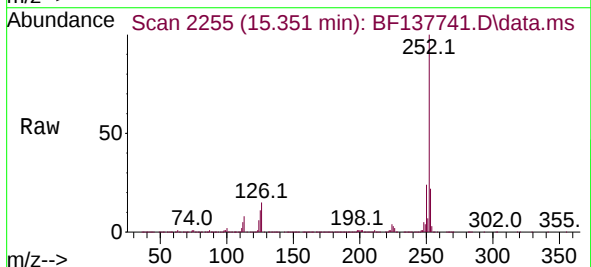
APPROVED

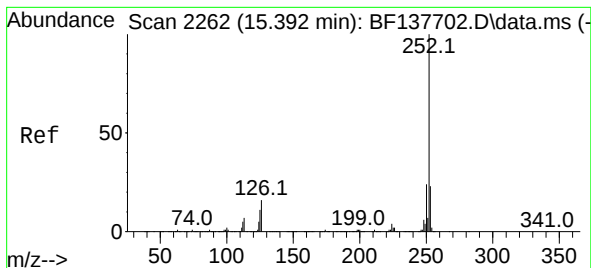
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#88
Benzo(b)fluoranthene
Concen: 43.588 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF137741.D
Acq: 26 Apr 2024 18:25

Tgt Ion:252 Resp: 1507412
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 10.7 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 40.488 ng

RT: 15.386 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:252 Resp: 1376372

Ion Ratio Lower Upper

252 100

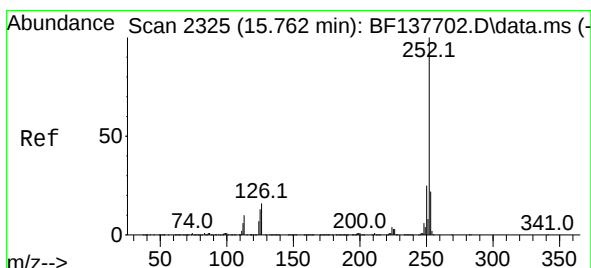
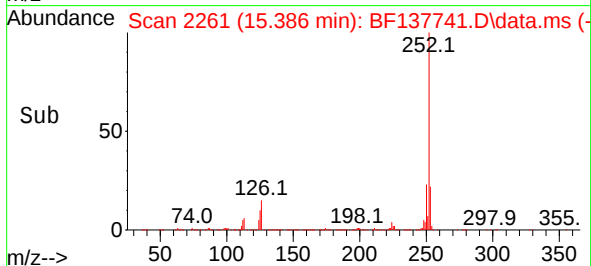
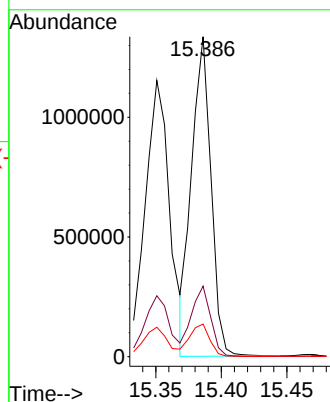
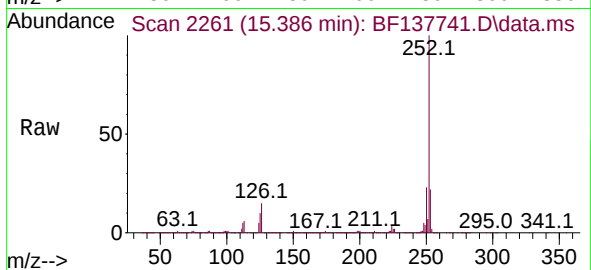
253 22.1 18.0 27.0

125 10.2 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: 44.771 ng

RT: 15.757 min Scan# 2324

Delta R.T. -0.006 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

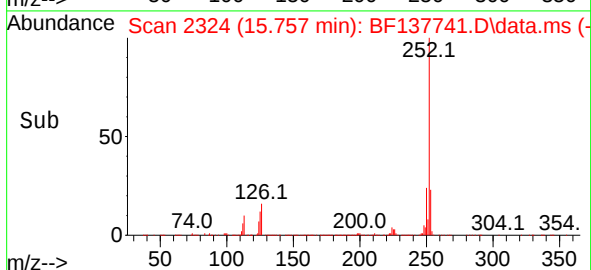
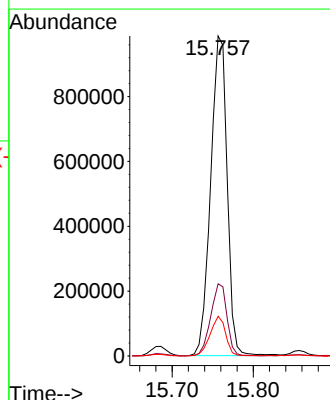
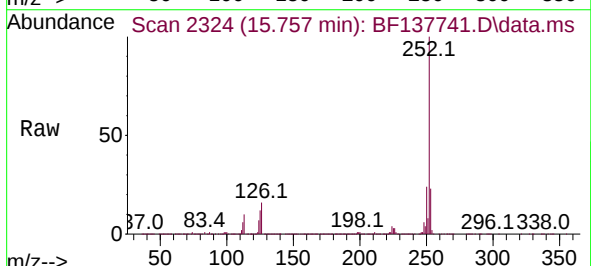
Tgt Ion:252 Resp: 1388958

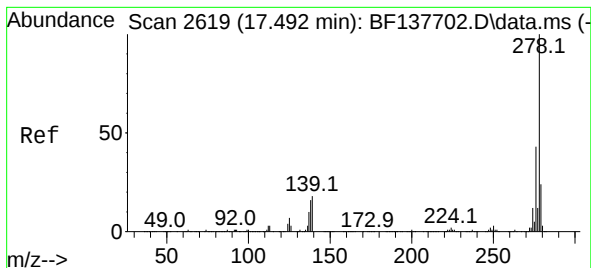
Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 12.4 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 54.249 ng

RT: 17.492 min Scan# 2619

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:278 Resp: 1349024

Ion Ratio Lower Upper

278 100

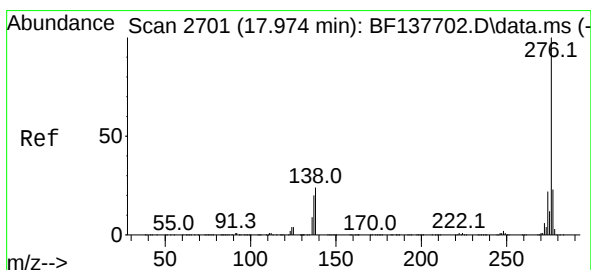
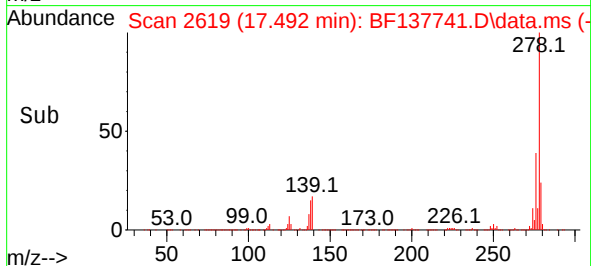
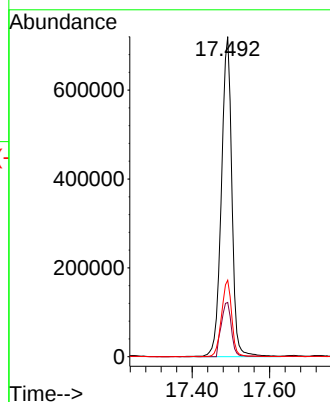
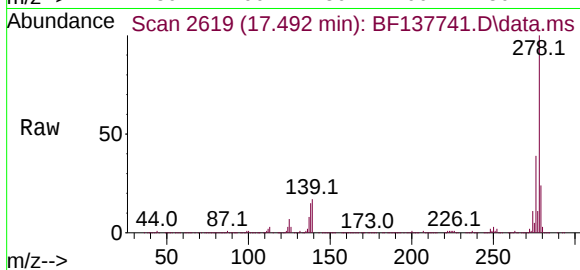
139 17.0 14.7 22.1

279 23.9 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: 50.701 ng

RT: 17.974 min Scan# 2701

Delta R.T. 0.000 min

Lab File: BF137741.D

Acq: 26 Apr 2024 18:25

Tgt Ion:276 Resp: 1225993

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 22.2 19.5 29.3

