

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137801.D
 Acq On : 01 May 2024 19:55
 Operator : CG\JU
 Sample : P2307-03MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Quant Time: May 02 01:32:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	185616	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	752299	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	421609	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	723225	20.000	ng	0.00
76) Chrysene-d12	14.251	240	395681	20.000	ng	0.00
86) Perylene-d12	15.821	264	395938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	1349527	121.730	ng	0.02
7) Phenol-d6	6.675	99	1639999	116.628	ng	0.00
23) Nitrobenzene-d5	7.622	82	1106518	85.454	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	589720	136.993	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2280860	87.768	ng	0.00
79) Terphenyl-d14	13.186	244	2451035	103.811	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.152	88	175350	35.124	ng	# 85
3) Pyridine	3.840	79	312128	25.833	ng	98
4) n-Nitrosodimethylamine	3.793	42	227959	41.898	ng	96
6) Aniline	6.722	93	144026	10.334	ng	100
8) 2-Chlorophenol	6.840	128	549152	45.453	ng	98
9) Benzaldehyde	6.610	77	175236	23.141	ng	98
10) Phenol	6.687	94	588613	40.851	ng	95
11) bis(2-Chloroethyl)ether	6.787	93	481968	42.719	ng	97
12) 1,3-Dichlorobenzene	6.998	146	547495	40.186	ng	99
13) 1,4-Dichlorobenzene	7.075	146	561796	41.095	ng	99
14) 1,2-Dichlorobenzene	7.228	146	540940	42.012	ng	98
15) Benzyl Alcohol	7.192	79	421921	43.388	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	651263	41.068	ng	99
17) 2-Methylphenol	7.298	107	443525	45.496	ng	99
18) Hexachloroethane	7.569	117	186077	40.263	ng	96
19) n-Nitroso-di-n-propyla...	7.463	70	369702	43.994	ng	97
20) 3+4-Methylphenols	7.445	107	576547	44.952	ng	98
22) Acetophenone	7.463	105	742310	43.873	ng	99
24) Nitrobenzene	7.640	77	554240	41.530	ng	97
25) Isophorone	7.875	82	1014641	43.460	ng	99
26) 2-Nitrophenol	7.951	139	295654	48.921	ng	90
27) 2,4-Dimethylphenol	7.981	122	415504	47.756	ng	97
28) bis(2-Chloroethoxy)met...	8.081	93	597981	42.303	ng	99
29) 2,4-Dichlorophenol	8.192	162	481087	45.747	ng	99
30) 1,2,4-Trichlorobenzene	8.281	180	478731	41.758	ng	98
31) Naphthalene	8.363	128	1591711	42.575	ng	99
32) Benzoic acid	8.087	122	348971m	46.493	ng	
33) 4-Chloroaniline	8.404	127	35922	2.591	ng	97
34) Hexachlorobutadiene	8.475	225	284504	40.421	ng	99
35) Caprolactam	8.775	113	147438m	44.249	ng	
36) 4-Chloro-3-methylphenol	8.881	107	503605	45.921	ng	96
37) 2-Methylnaphthalene	9.057	142	1067777	44.123	ng	99
38) 1-Methylnaphthalene	9.157	142	999672	41.988	ng	99
40) 1,2,4,5-Tetrachloroben...	9.222	216	503877	45.124	ng	99
41) Hexachlorocyclopentadiene	9.204	237	555362	122.445	ng	99
43) 2,4,6-Trichlorophenol	9.328	196	362787	47.728	ng	100

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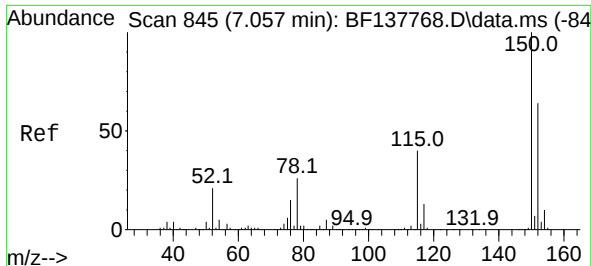
Manual Integrations
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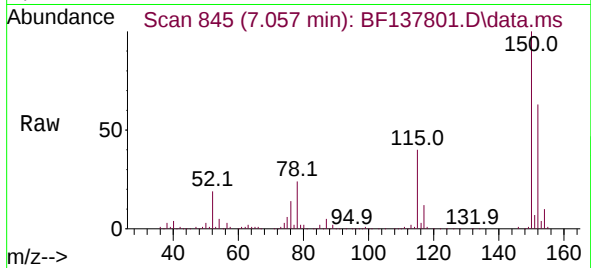
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	384550	45.817	ng	97
46) 1,1'-Biphenyl	9.522	154	1327409	45.877	ng	99
47) 2-Chloronaphthalene	9.551	162	1030943	44.133	ng	99
48) 2-Nitroaniline	9.639	65	290329	45.826	ng	99
49) Acenaphthylene	9.969	152	1643156	48.626	ng	100
50) Dimethylphthalate	9.816	163	1262457	47.433	ng	100
51) 2,6-Dinitrotoluene	9.881	165	287895	47.331	ng	97
52) Acenaphthene	10.139	154	1114681	49.765	ng	99
53) 3-Nitroaniline	10.051	138	48758	7.655	ng	98
54) 2,4-Dinitrophenol	10.157	184	317106	106.102	ng	91
55) Dibenzofuran	10.316	168	1501621	46.068	ng	97
56) 4-Nitrophenol	10.204	139	380077	71.995	ng	96
57) 2,4-Dinitrotoluene	10.286	165	386659	48.658	ng	99
58) Fluorene	10.657	166	1184911	45.677	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.428	232	320551	47.043	ng	99
60) Diethylphthalate	10.522	149	1162465	45.987	ng	98
61) 4-Chlorophenyl-phenyle...	10.645	204	581536	45.497	ng	98
62) 4-Nitroaniline	10.669	138	180932	28.005	ng	98
63) Azobenzene	10.804	77	1064674	43.578	ng	99
65) 4,6-Dinitro-2-methylph...	10.692	198	220683	53.163	ng	98
66) n-Nitrosodiphenylamine	10.763	169	767966	35.474	ng	99
67) 4-Bromophenyl-phenylether	11.139	248	362649	46.853	ng	97
68) Hexachlorobenzene	11.204	284	394453	46.634	ng	99
69) Atrazine	11.280	200	173494	26.283	ng	98
70) Pentachlorophenol	11.398	266	508475	87.561	ng	100
71) Phenanthrene	11.628	178	1656952	47.004	ng	99
72) Anthracene	11.680	178	1687516	48.112	ng	100
73) Carbazole	11.828	167	1209325	35.776	ng	99
74) Di-n-butylphthalate	12.151	149	1750061	47.461	ng	99
75) Fluoranthene	12.822	202	1645512	42.703	ng	99
77) Benzidine	12.933	184	33004	3.607	ng	97
78) Pyrene	13.051	202	1643928	52.400	ng	100
80) Butylbenzylphthalate	13.657	149	621388	62.426	ng	99
81) Benzo(a)anthracene	14.239	228	1217153	48.095	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	19961	2.635	ng	# 98
83) Chrysene	14.280	228	1157382	48.843	ng	99
84) Bis(2-ethylhexyl)phtha...	14.210	149	824618	65.733	ng	98
85) Di-n-octyl phthalate	14.839	149	1216150	72.034	ng	99
87) Indeno(1,2,3-cd)pyrene	17.468	276	1200381	53.326	ng	99
88) Benzo(b)fluoranthene	15.351	252	1106246	44.907	ng	99
89) Benzo(k)fluoranthene	15.380	252	1093351	45.920	ng	99
90) Benzo(a)pyrene	15.757	252	1011273	50.319	ng	99
91) Dibenzo(a,h)anthracene	17.486	278	965352	52.686	ng	99
92) Benzo(g,h,i)perylene	17.968	276	901284	46.922	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

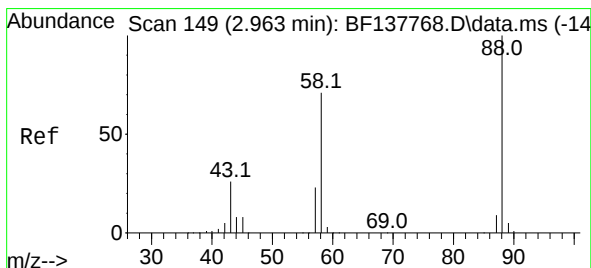
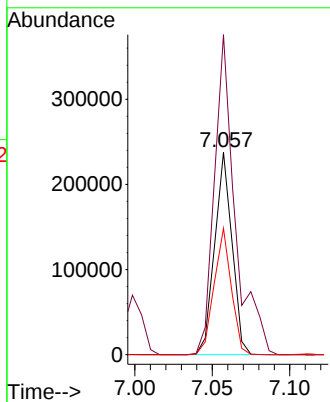
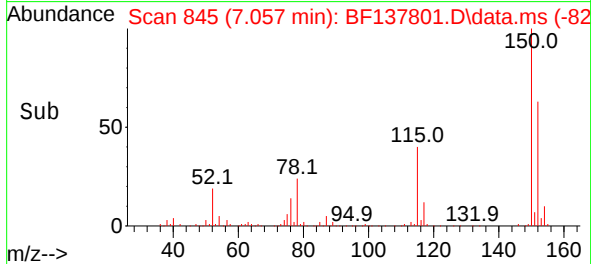
Instrument :
BNA_F
ClientSampleId :
WC-1MS



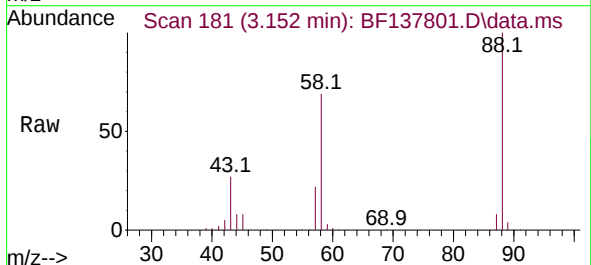
Tgt Ion:152 Resp: 185610
Ion Ratio Lower Upper
152 100
150 158.0 124.1 186.1
115 62.4 49.1 73.7

Manual Integrations
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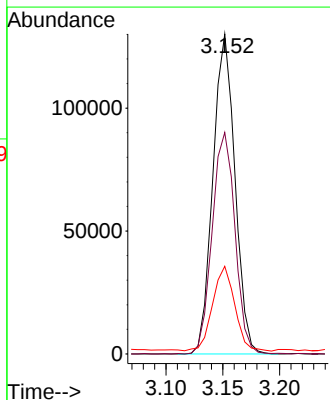
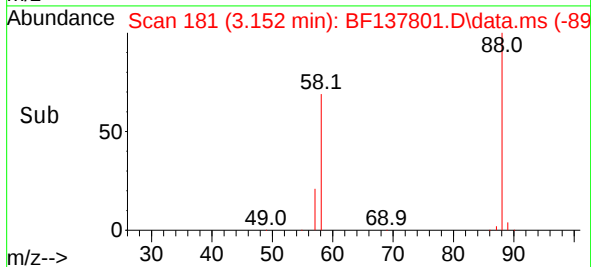
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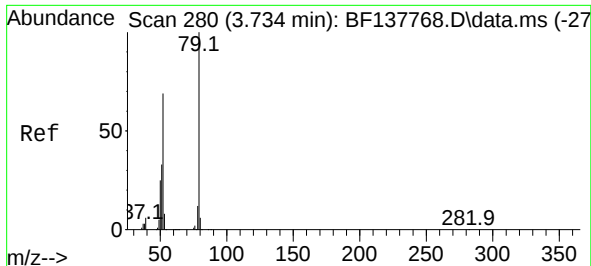


#2
1,4-Dioxane
Concen: 35.124 ng
RT: 3.152 min Scan# 181
Delta R.T. 0.188 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55



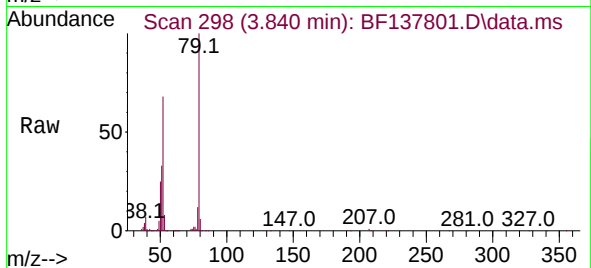
Tgt Ion: 88 Resp: 175350
Ion Ratio Lower Upper
88 100
58 71.9 58.8 88.2
43 0.0 21.4 32.0#





#3
Pyridine
Concen: 25.833 ng
RT: 3.840 min Scan# 20
Delta R.T. 0.106 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

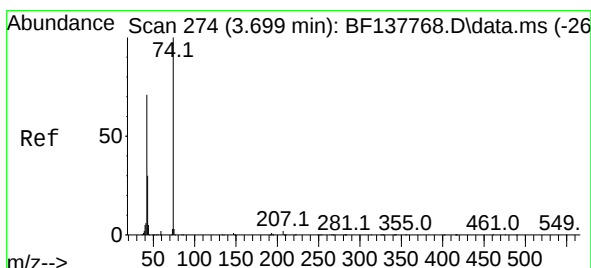
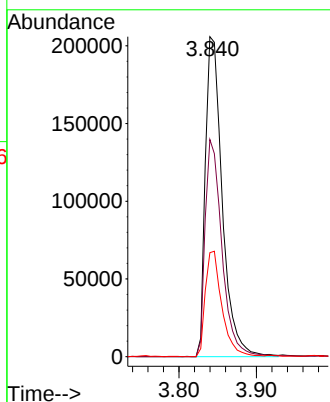
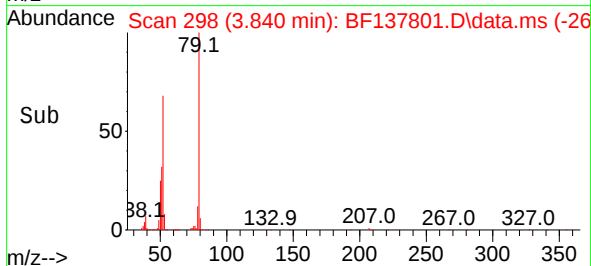
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion: 79 Resp: 312128
Ion Ratio Lower Upper
79 100
52 67.9 55.5 83.3
51 32.5 26.9 40.3

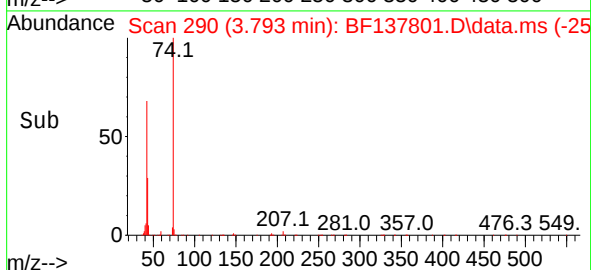
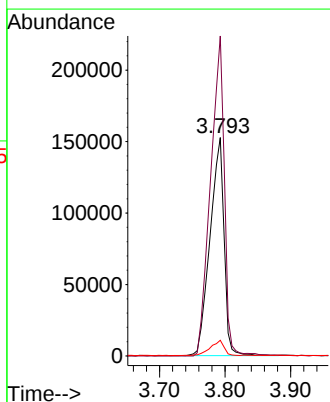
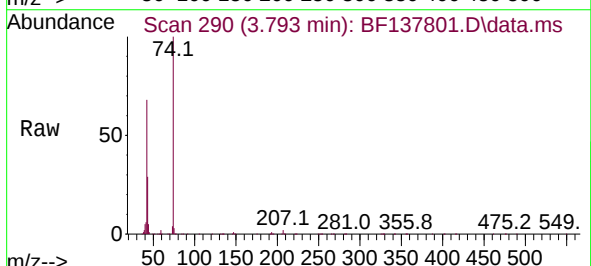
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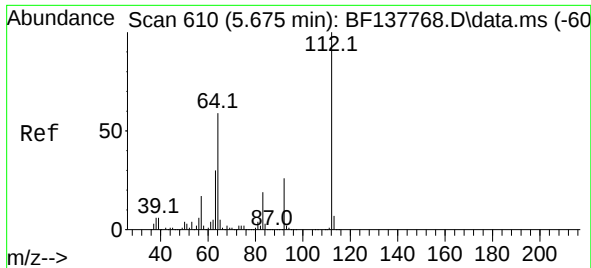
Reviewed By :Jagrut Upadhyay 05/02/2024
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#4
n-Nitrosodimethylamine
Concen: 41.898 ng
RT: 3.793 min Scan# 290
Delta R.T. 0.094 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Tgt Ion: 42 Resp: 227959
Ion Ratio Lower Upper
42 100
74 146.5 112.9 169.3
44 7.2 5.6 8.4





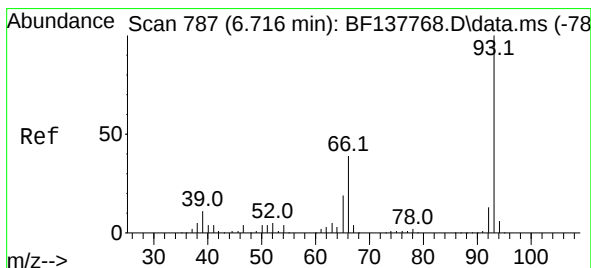
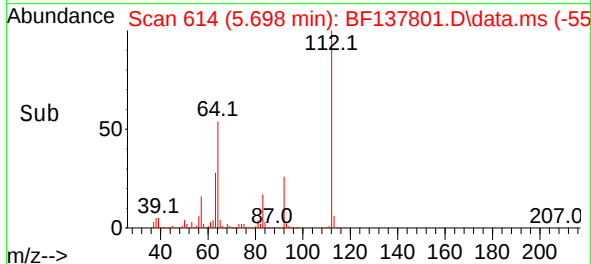
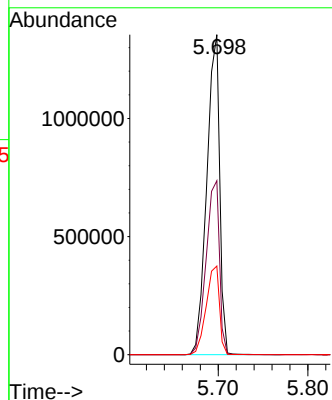
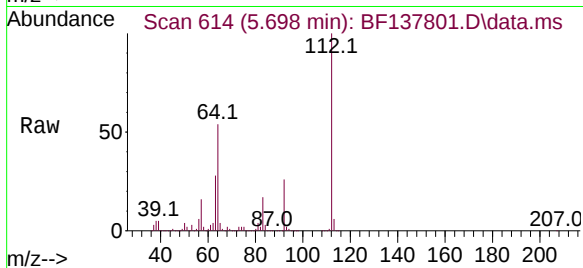
#5
2-Fluorophenol
Concen: 121.730 ng
RT: 5.698 min Scan# 610
Delta R.T. 0.024 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:112 Resp: 134952
Ion Ratio Lower Upper
112 100
64 54.3 47.3 70.9
63 27.7 23.7 35.5

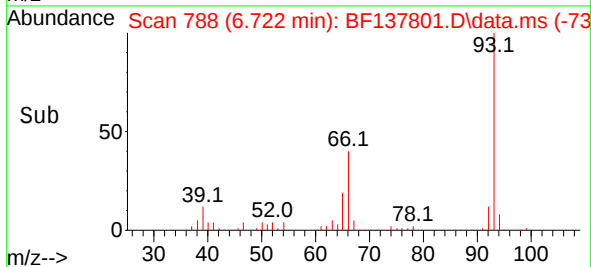
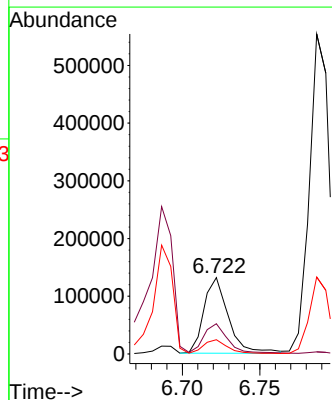
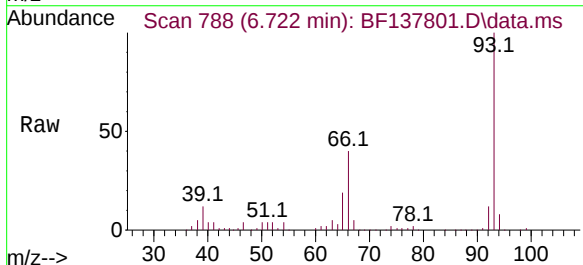
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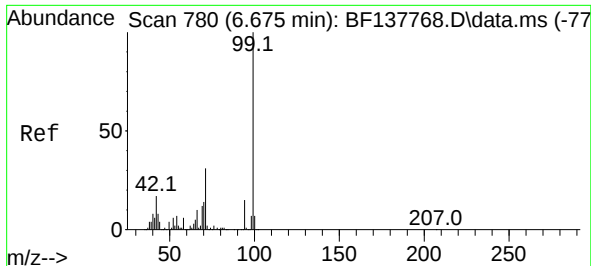
Reviewed By :Jagrut Upadhyay 05/02/2024
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#6
Aniline
Concen: 10.334 ng
RT: 6.722 min Scan# 788
Delta R.T. 0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

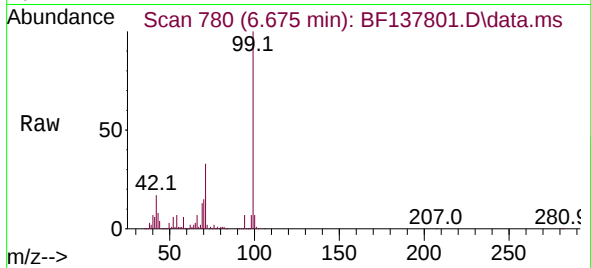
Tgt Ion: 93 Resp: 144026
Ion Ratio Lower Upper
93 100
66 39.7 31.8 47.6
65 18.6 15.4 23.2





#7
Phenol-d6
Concen: 116.628 ng
RT: 6.675 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

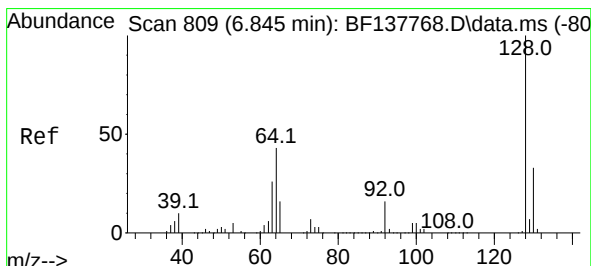
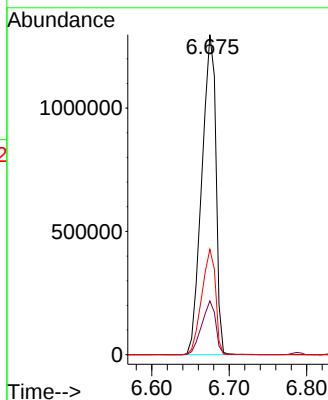
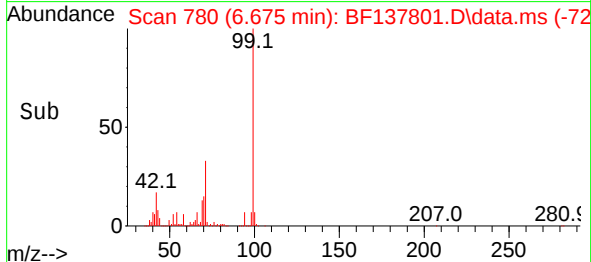
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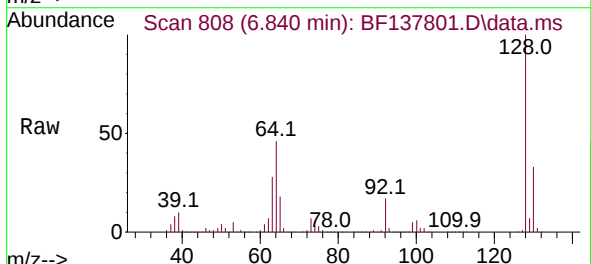
Tgt Ion: 99 Resp: 1639999
Ion Ratio Lower Upper
99 100
42 16.8 13.2 19.8
71 33.0 25.0 37.4

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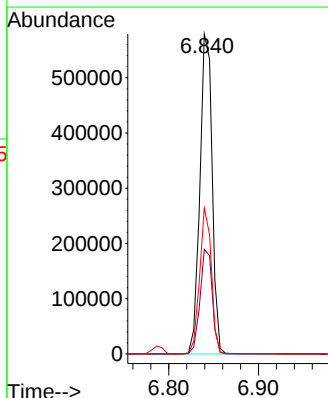
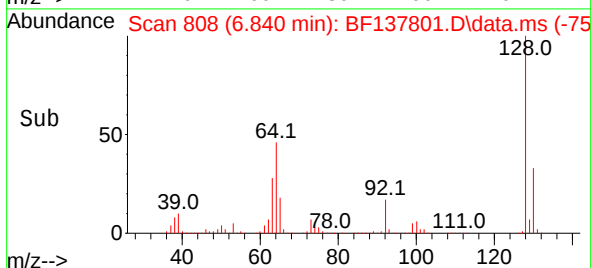
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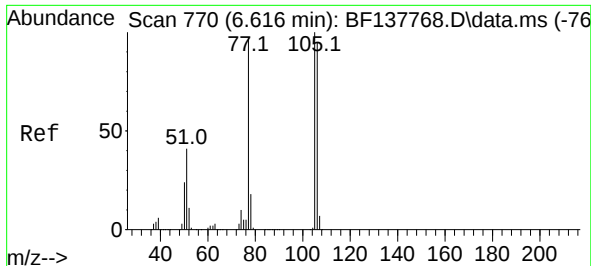


#8
2-Chlorophenol
Concen: 45.453 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55



Tgt Ion:128 Resp: 549152
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 45.6 23.9 63.9





#9

Benzaldehyde

Concen: 23.141 ng

RT: 6.610 min Scan# 770

Delta R.T. -0.006 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 77 Resp: 175230

Ion Ratio Lower Upper

77 100

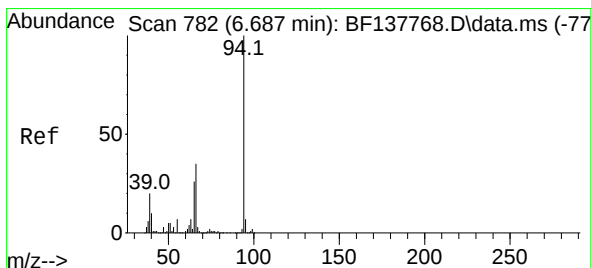
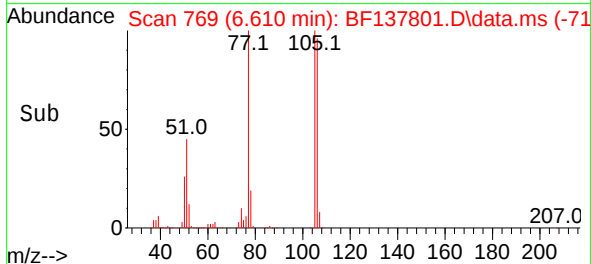
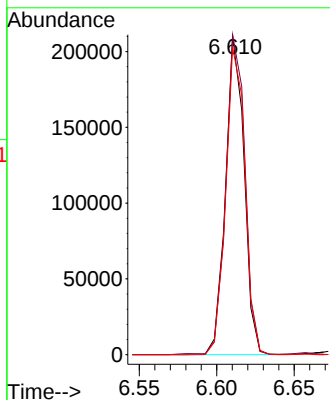
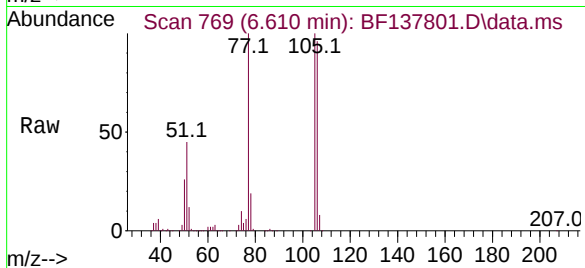
105 100.3 83.2 123.2

106 96.4 77.7 117.7

Manual Integrations

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Supervised By :mohammad ahmed 05/03/2024



#10

Phenol

Concen: 40.851 ng

RT: 6.687 min Scan# 782

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

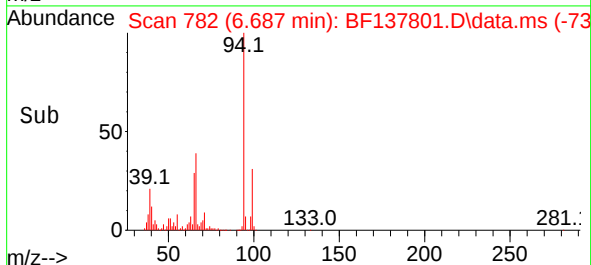
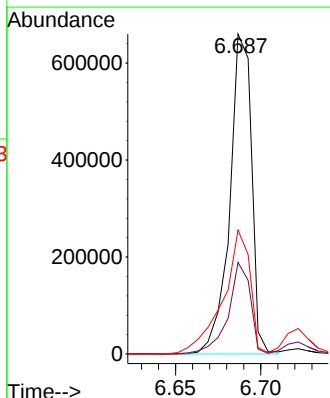
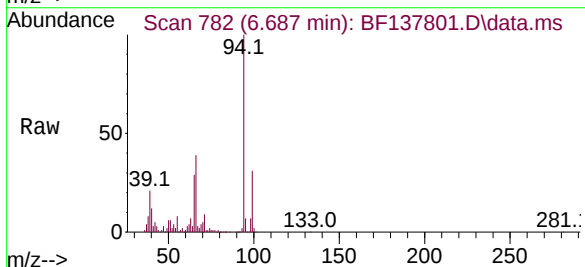
Tgt Ion: 94 Resp: 588613

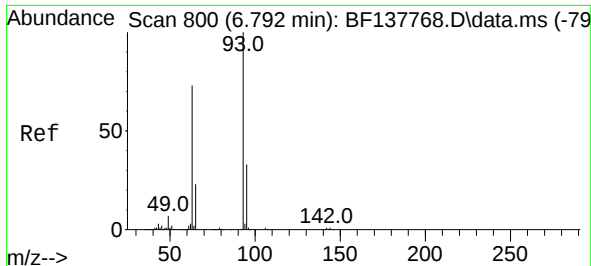
Ion Ratio Lower Upper

94 100

65 28.6 6.4 46.4

66 38.7 15.4 55.4





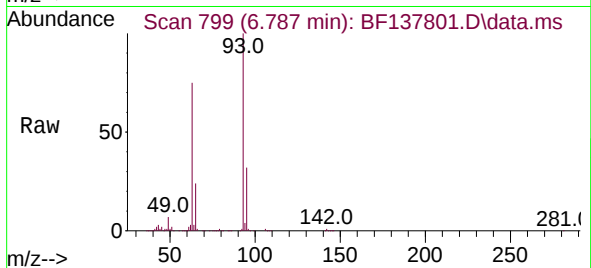
#11
bis(2-Chloroethyl)ether
Concen: 42.719 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS

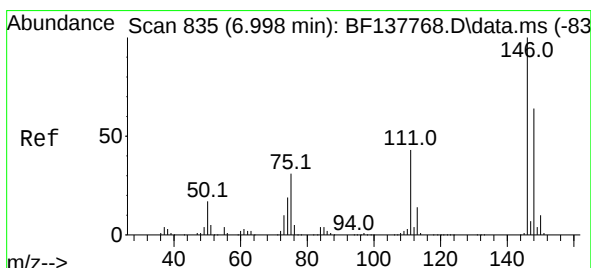
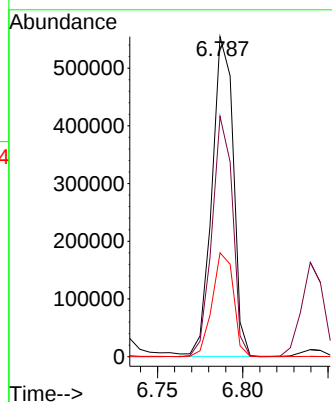
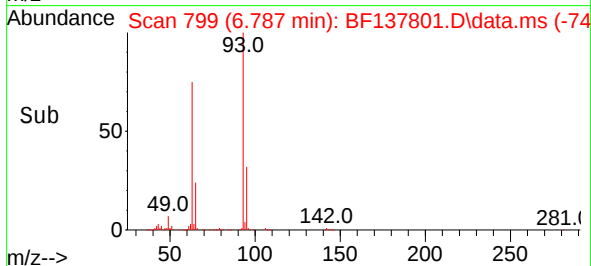


Tgt Ion: 93 Resp: 481968
Ion Ratio Lower Upper
93 100
63 75.1 51.6 91.6
95 32.5 12.1 52.1

Manual Integrations

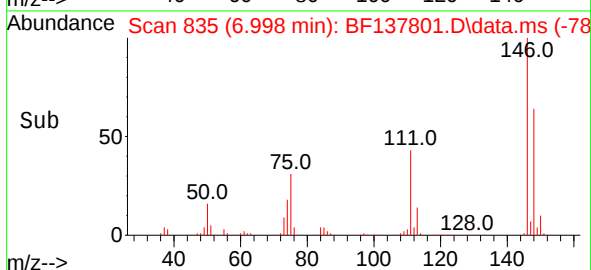
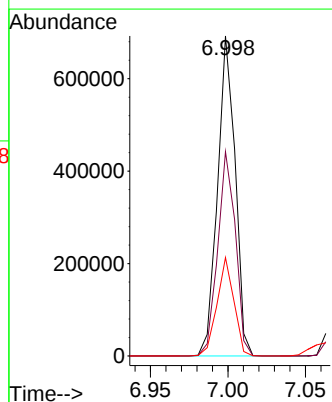
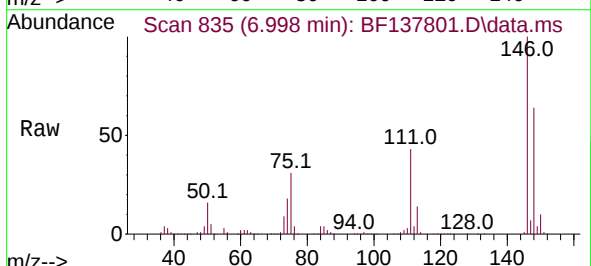
APPROVED

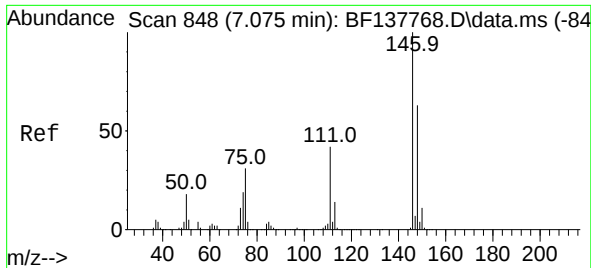
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#12
1,3-Dichlorobenzene
Concen: 40.186 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Tgt Ion:146 Resp: 547495
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 30.8 25.1 37.7





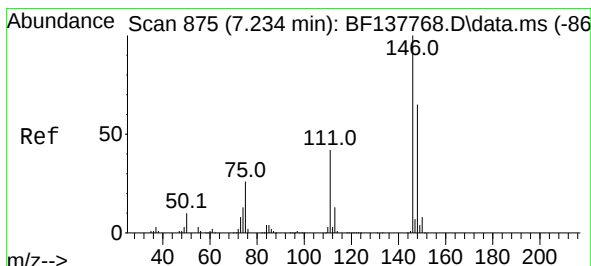
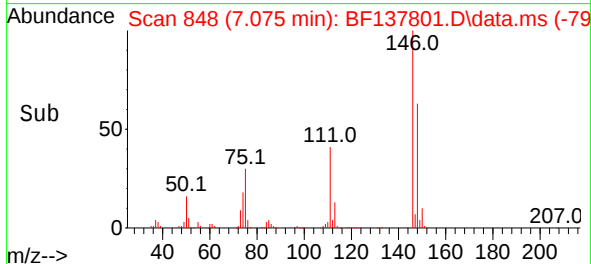
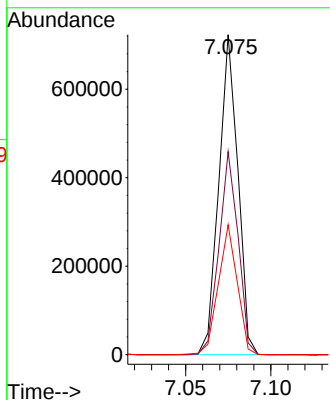
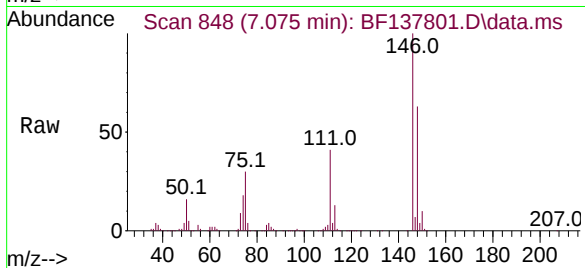
#13
1,4-Dichlorobenzene
Concen: 41.095 ng
RT: 7.075 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:146 Resp: 561790
Ion Ratio Lower Upper
146 100
148 63.5 50.7 76.1
111 40.6 33.8 50.8

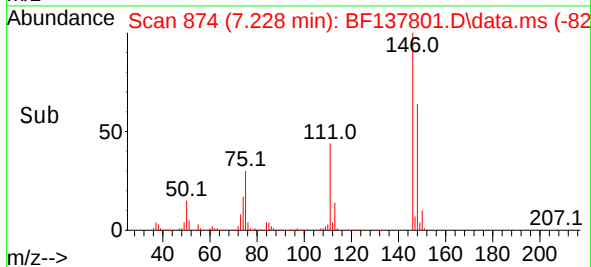
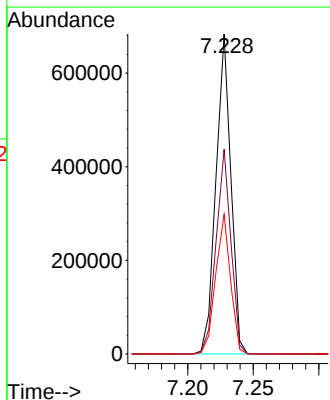
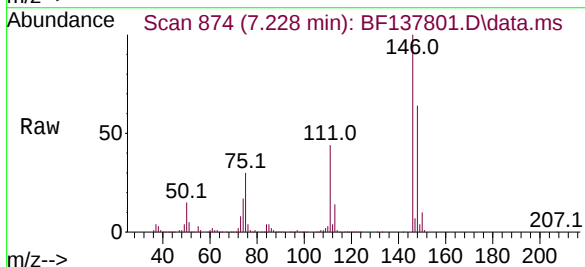
Manual Integrations
APPROVED

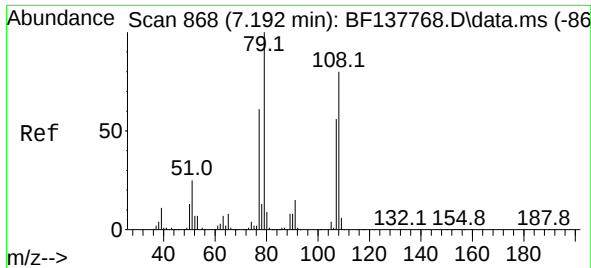
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#14
1,2-Dichlorobenzene
Concen: 42.012 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

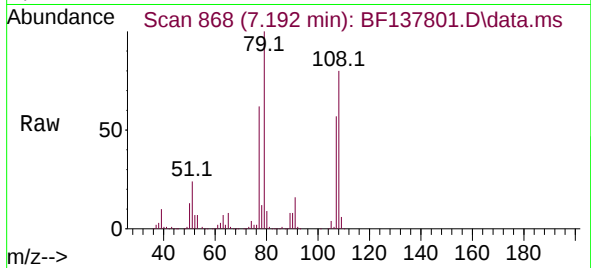
Tgt Ion:146 Resp: 540940
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 43.6 33.6 50.4





#15
Benzyl Alcohol
Concen: 43.388 ng
RT: 7.192 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

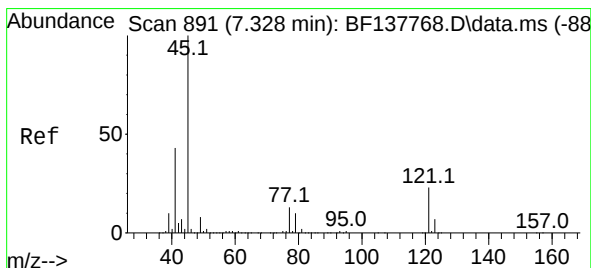
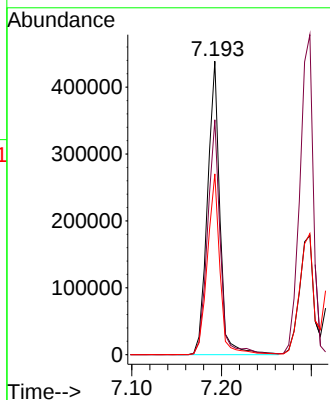
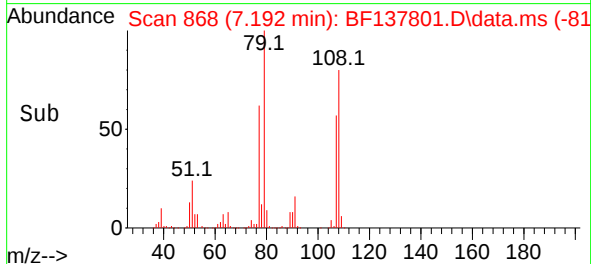
Instrument :
BNA_F
ClientSampleId :
WC-1MS



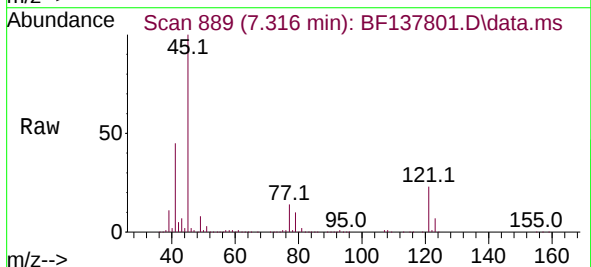
Tgt Ion: 79 Resp: 42192
Ion Ratio Lower Upper
79 100
108 80.1 64.2 96.2
77 61.6 48.5 72.7

Manual Integrations
APPROVED

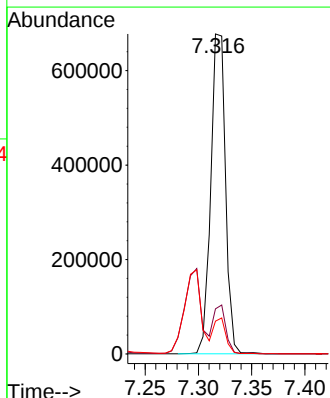
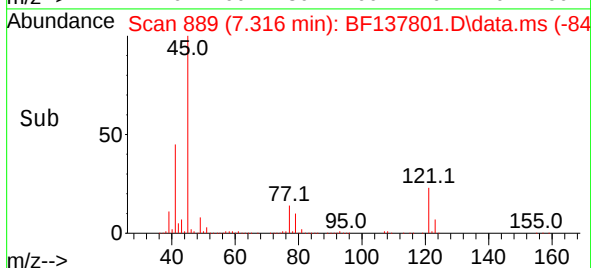
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

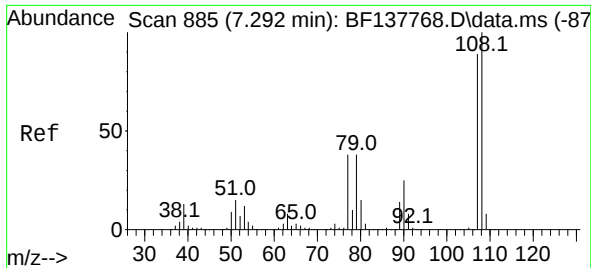


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.068 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55



Tgt Ion: 45 Resp: 651263
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.8
79 10.3 0.0 31.0





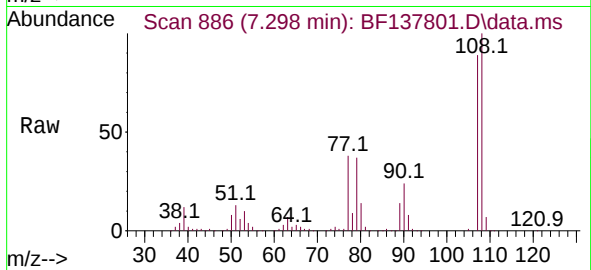
#17
2-Methylphenol
Concen: 45.496 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS

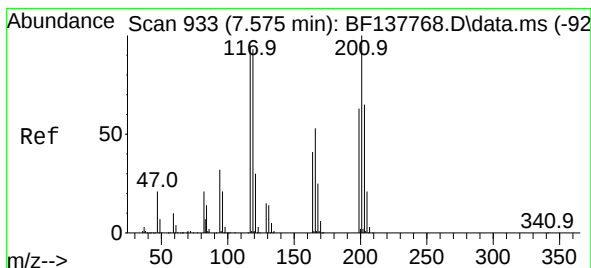
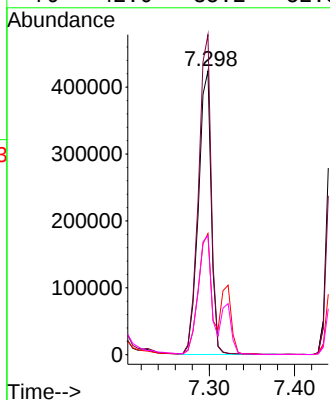
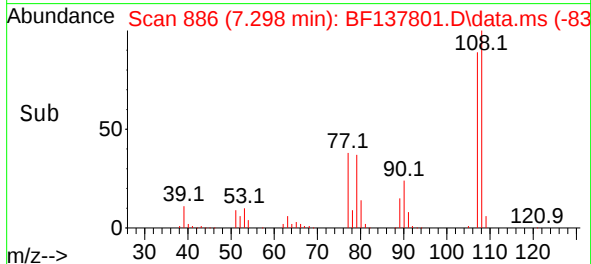


Tgt Ion:107 Resp: 443524
Ion Ratio Lower Upper
107 100
108 112.8 90.5 135.7
77 42.7 34.5 51.7
79 42.0 35.2 52.8

Manual Integrations

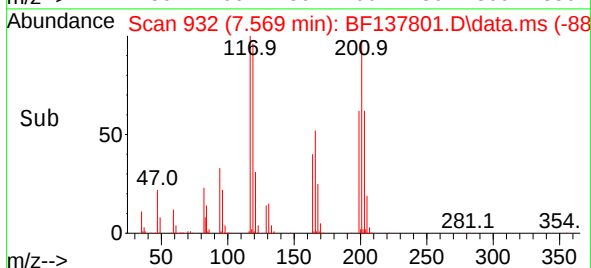
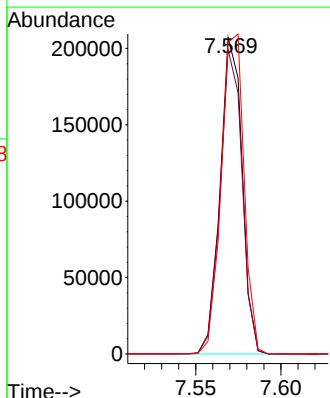
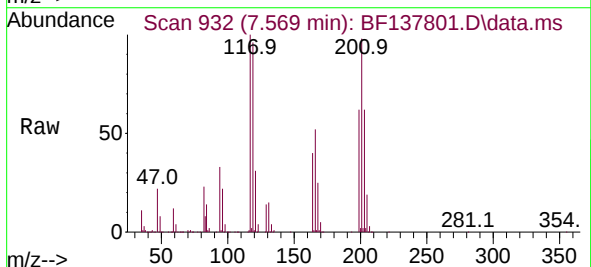
APPROVED

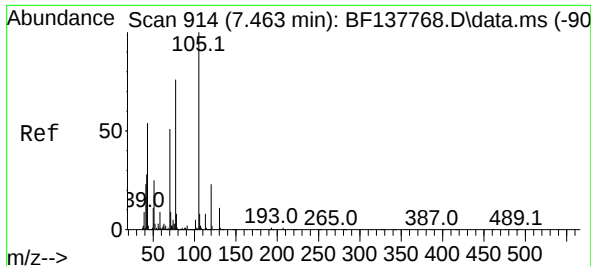
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#18
Hexachloroethane
Concen: 40.263 ng
RT: 7.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Tgt Ion:117 Resp: 186077
Ion Ratio Lower Upper
117 100
119 96.2 77.6 116.4
201 98.5 83.8 125.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.994 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF137801.D

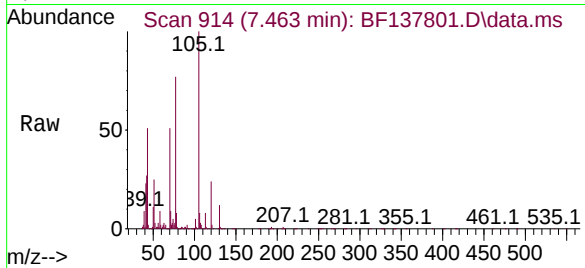
Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS



Tgt Ion: 70 Resp: 369702

Ion Ratio Lower Upper

70 100

42 53.6 44.6 66.8

101 10.4 7.8 11.6

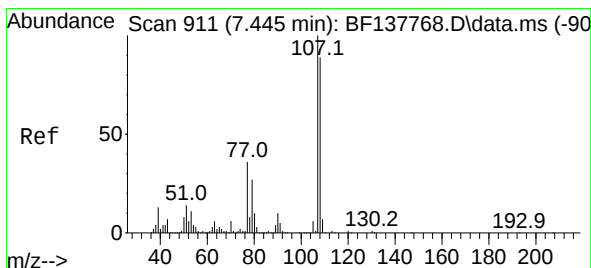
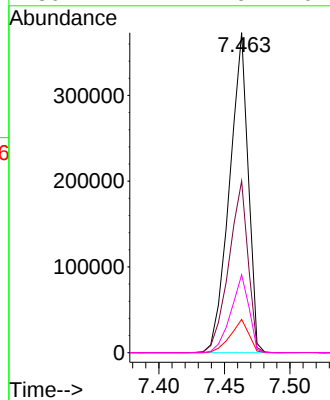
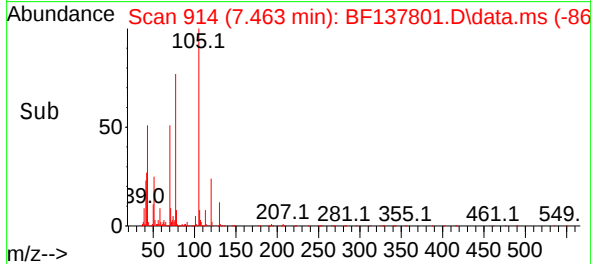
130 24.4 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#20

3+4-Methylphenols

Concen: 44.952 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

Tgt Ion:107 Resp: 576547

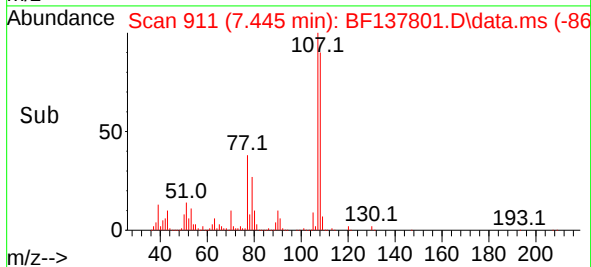
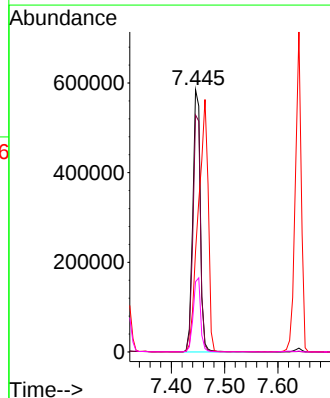
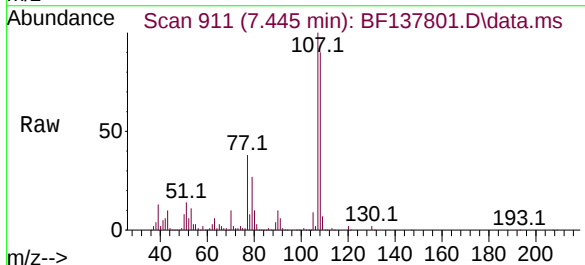
Ion Ratio Lower Upper

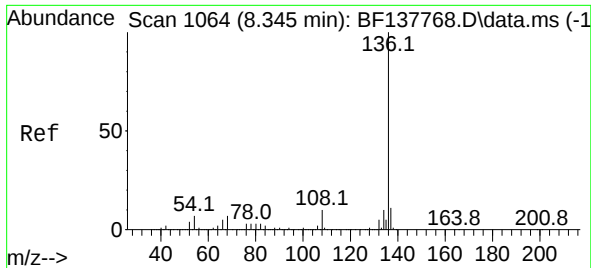
107 100

108 90.4 69.3 109.3

77 38.5 15.7 55.7

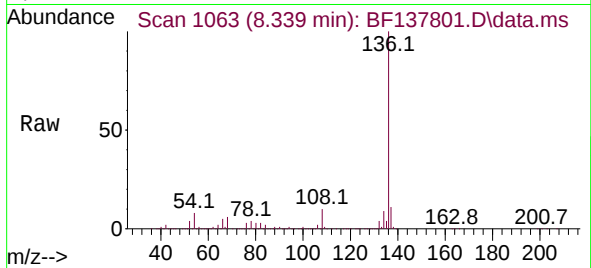
79 26.8 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

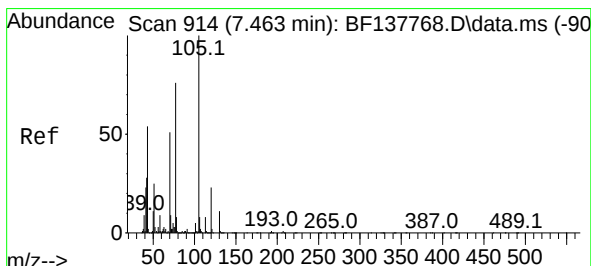
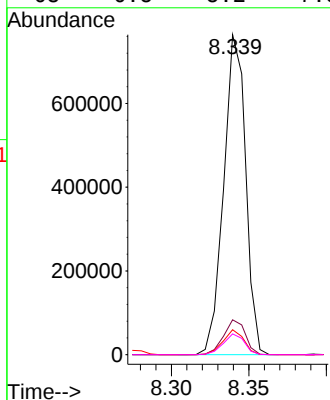
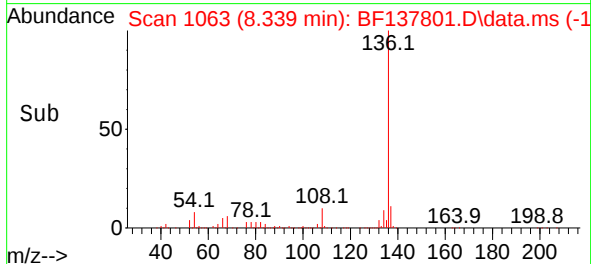
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:136 Resp: 752299
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 5.8 8.8
68 6.5 5.2 7.8

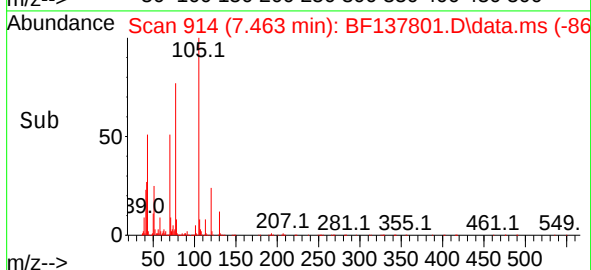
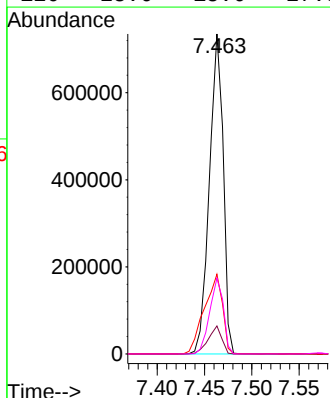
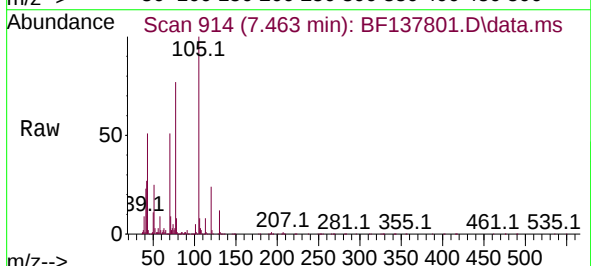
Manual Integrations
APPROVED

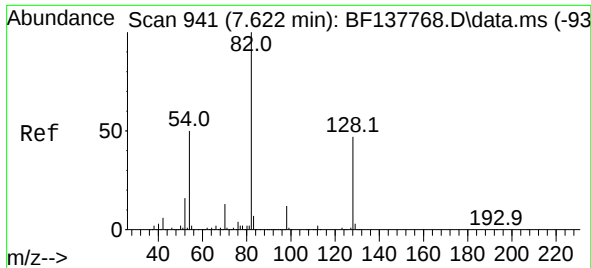
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#22
Acetophenone
Concen: 43.873 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Tgt Ion:105 Resp: 742310
Ion Ratio Lower Upper
105 100
71 8.8 6.9 10.3
51 24.9 20.2 30.2
120 23.6 18.6 27.8





#23

Nitrobenzene-d5

Concen: 85.454 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 82 Resp: 1106518

Ion Ratio Lower Upper

82 100

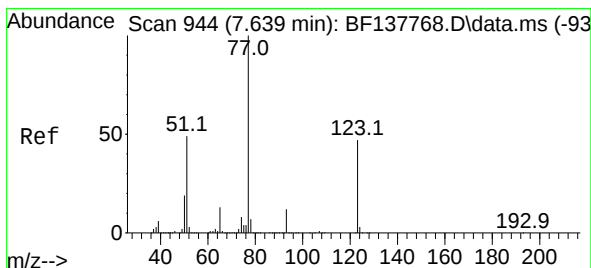
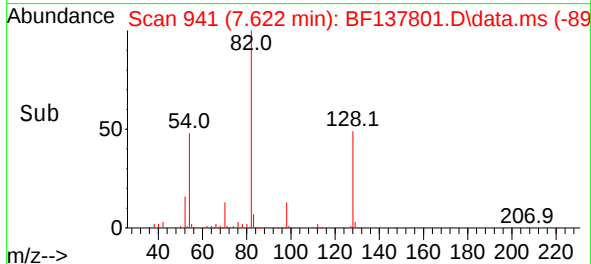
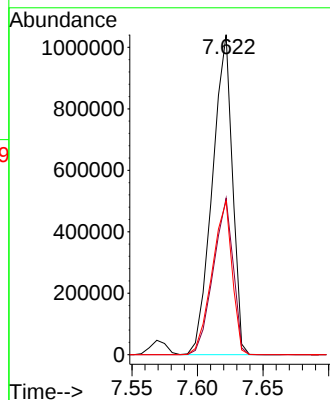
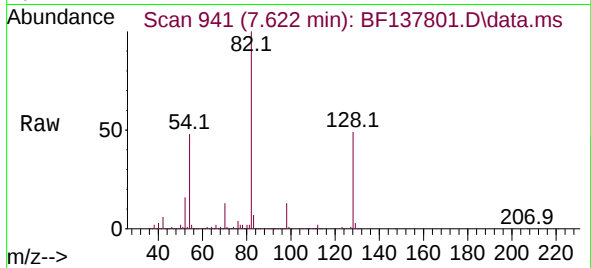
128 48.9 37.5 56.3

54 48.0 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#24

Nitrobenzene

Concen: 41.530 ng

RT: 7.640 min Scan# 944

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

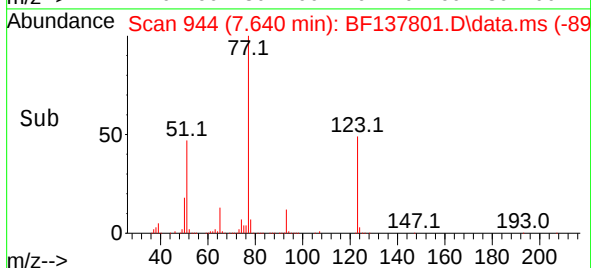
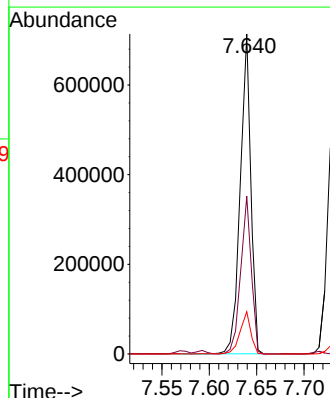
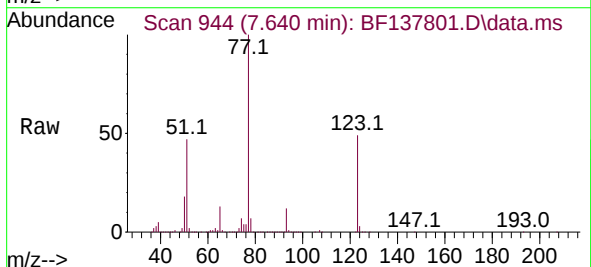
Tgt Ion: 77 Resp: 554240

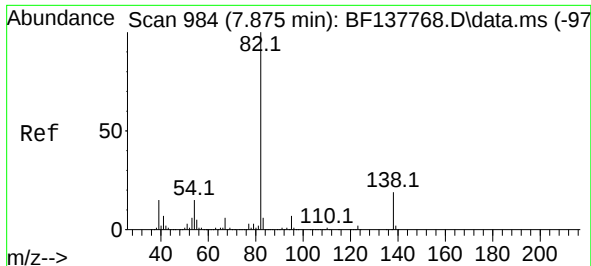
Ion Ratio Lower Upper

77 100

123 49.3 37.4 56.2

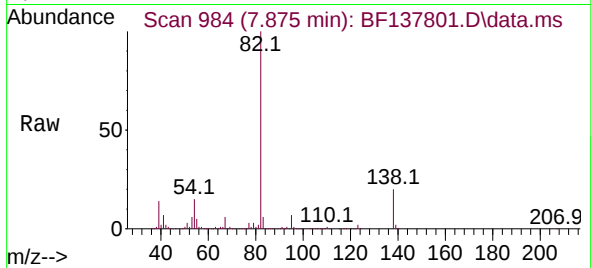
65 13.2 10.7 16.1





#25
Isophorone
Concen: 43.460 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

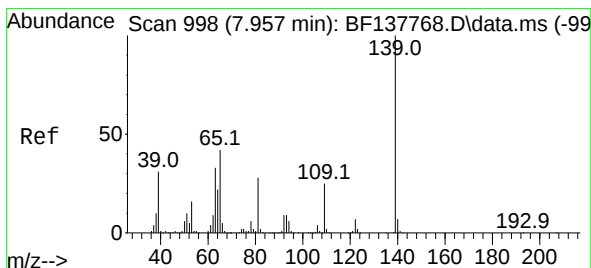
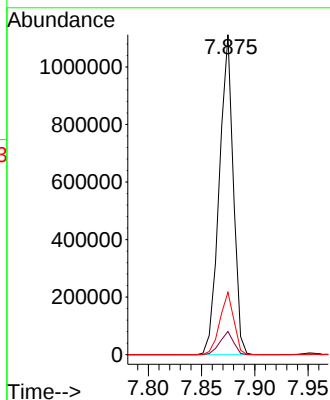
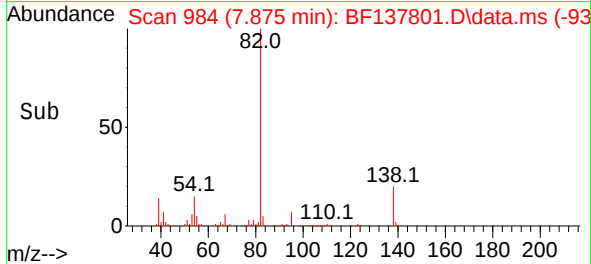
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion: 82 Resp: 101464
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.5 15.0 22.6

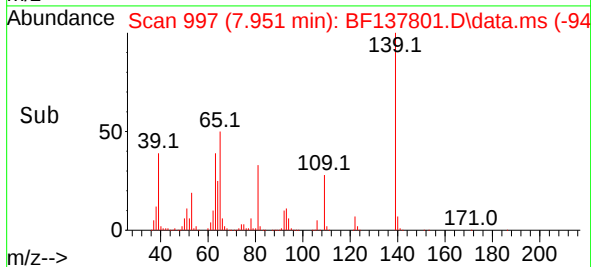
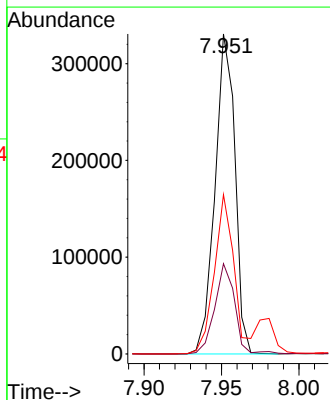
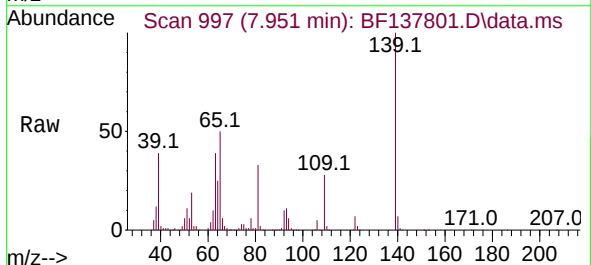
Manual Integrations
APPROVED

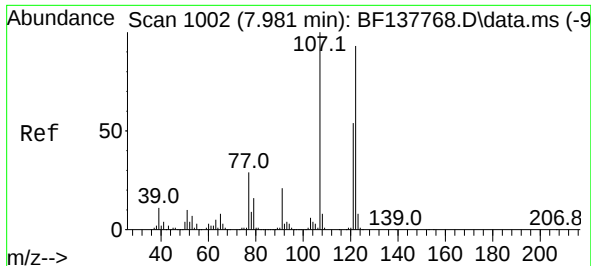
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#26
2-Nitrophenol
Concen: 48.921 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

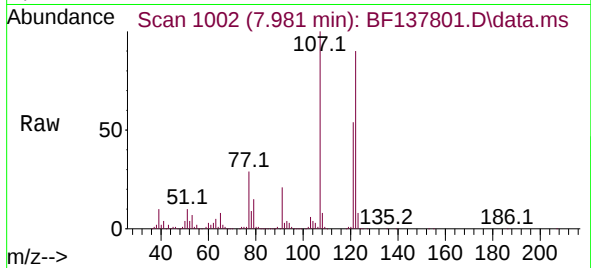
Tgt Ion:139 Resp: 295654
Ion Ratio Lower Upper
139 100
109 28.2 20.2 30.2
65 49.8 33.4 50.0





#27
2,4-Dimethylphenol
Concen: 47.756 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

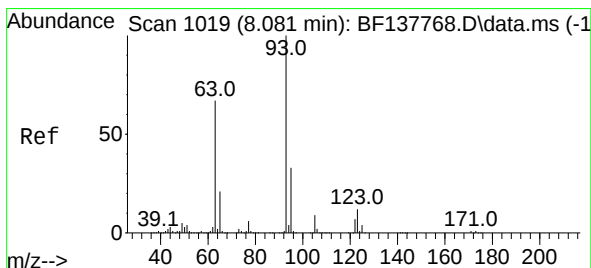
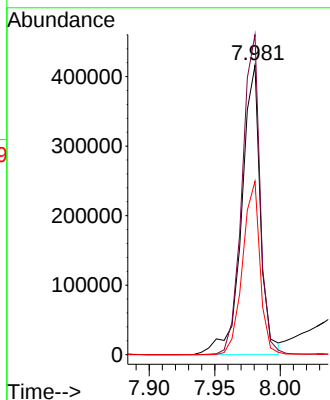
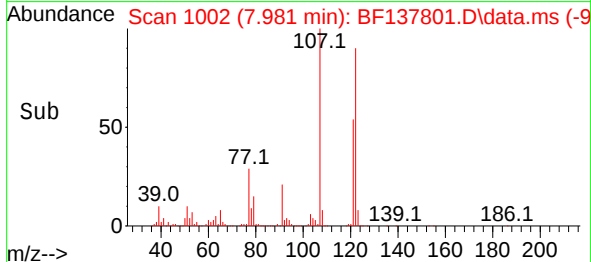
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:122 Resp: 415504
Ion Ratio Lower Upper
122 100
107 110.5 85.8 128.8
121 59.9 46.6 69.8

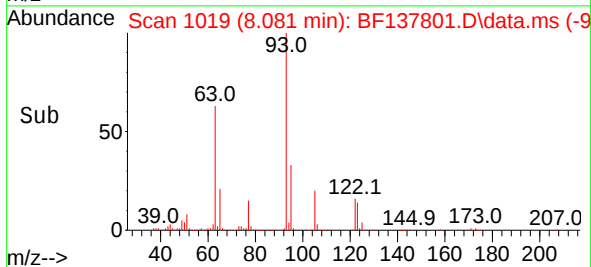
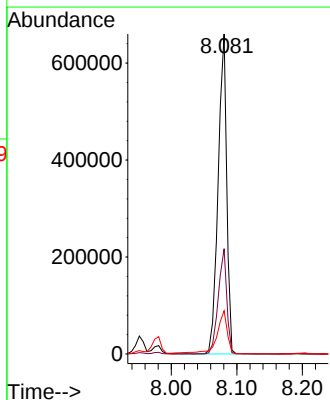
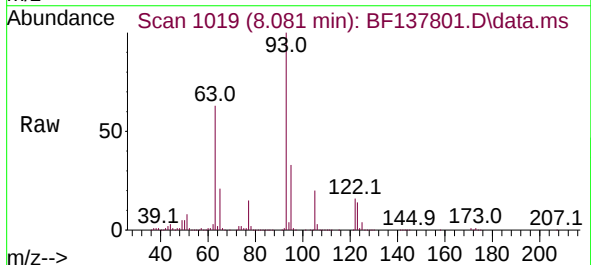
Manual Integrations
APPROVED

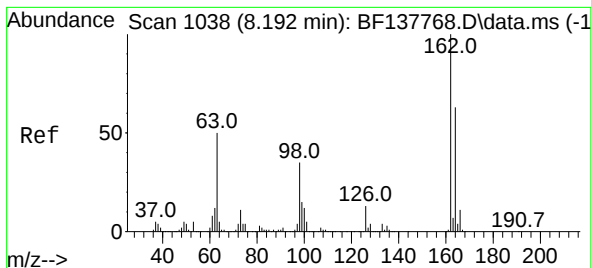
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#28
bis(2-Chloroethoxy)methane
Concen: 42.303 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Tgt Ion: 93 Resp: 597981
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 13.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 45.747 ng

RT: 8.192 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

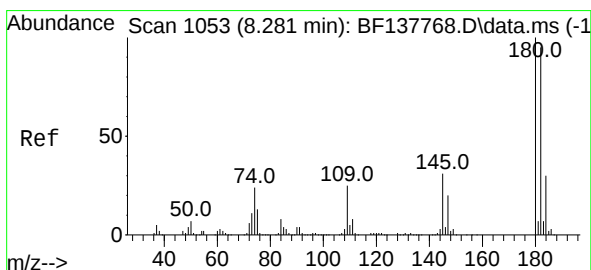
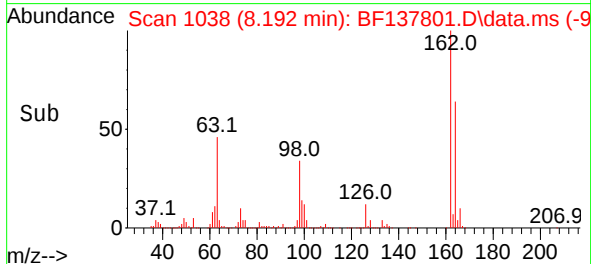
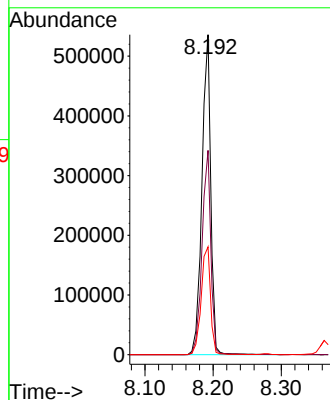
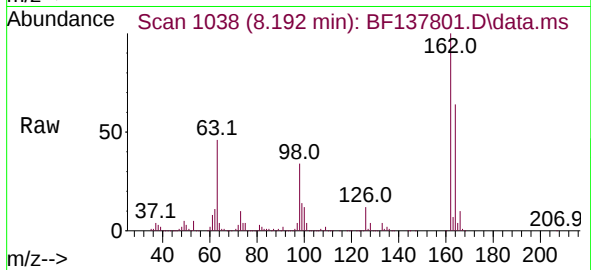
WC-1MS

Tgt Ion:162 Resp: 48108
 Ion Ratio Lower Upper
 162 100
 164 63.8 43.5 83.5
 98 33.7 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.758 ng

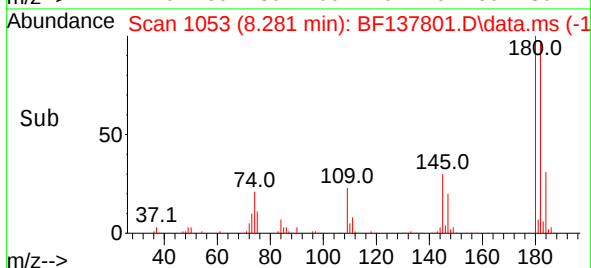
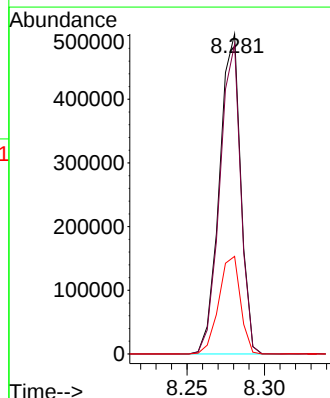
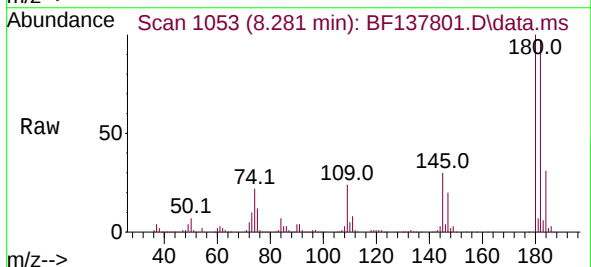
RT: 8.281 min Scan# 1053

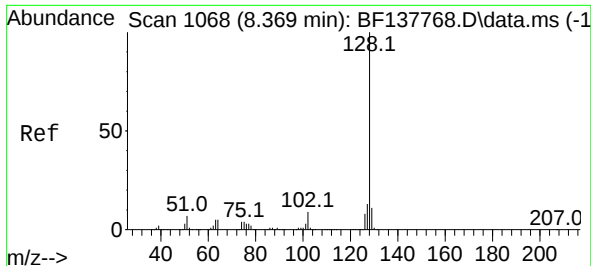
Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

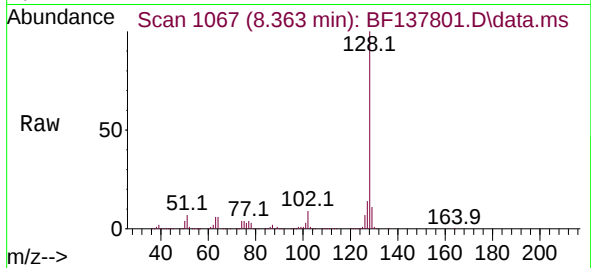
Tgt Ion:180 Resp: 478731
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.2 114.2
 145 30.5 25.1 37.7





#31
Naphthalene
Concen: 42.575 ng
RT: 8.363 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

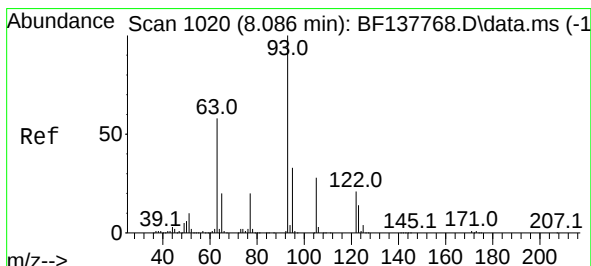
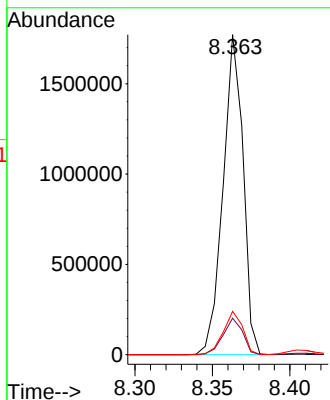
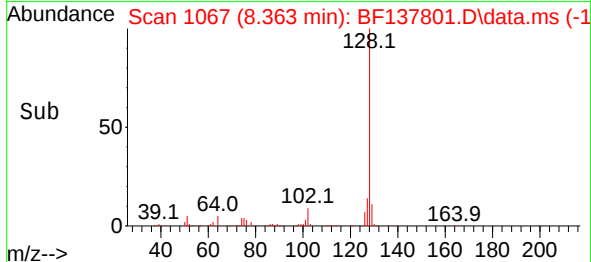
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:128 Resp: 159171
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.6 16.0

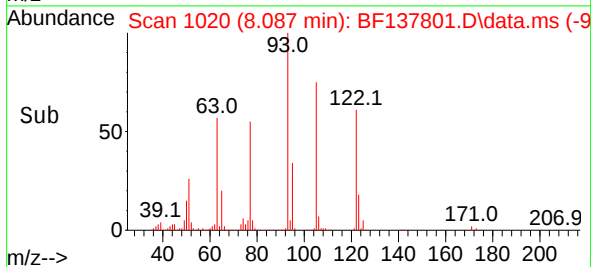
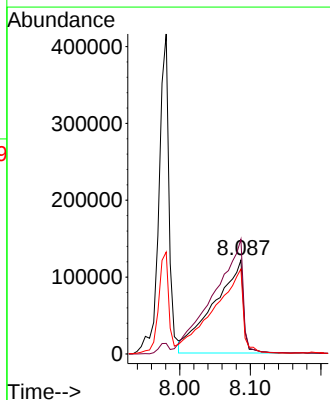
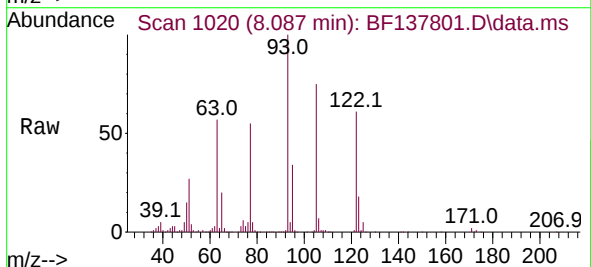
Manual Integrations
APPROVED

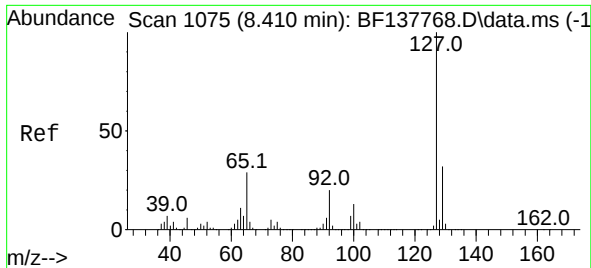
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#32
Benzoic acid
Concen: 46.493 ng m
RT: 8.087 min Scan# 1020
Delta R.T. 0.001 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Tgt Ion:122 Resp: 348971
Ion Ratio Lower Upper
122 100
105 122.5 105.3 145.3
77 90.7 73.2 113.2





#33

4-Chloroaniline

Concen: 2.591 ng

RT: 8.404 min Scan# 1075

Delta R.T. -0.006 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

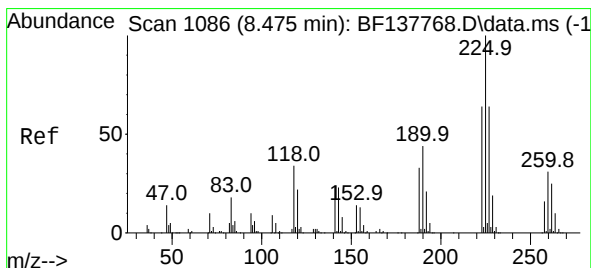
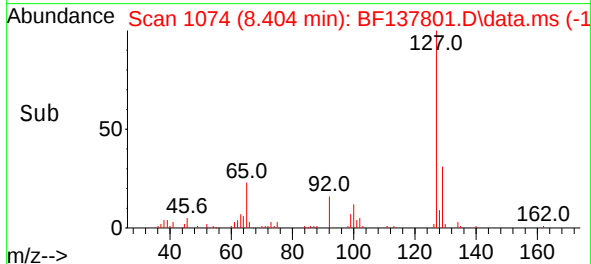
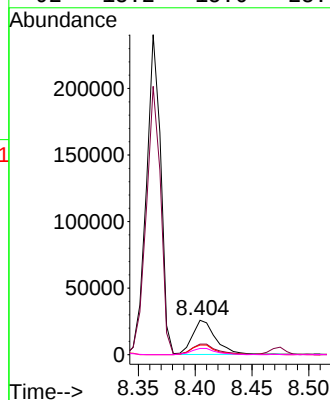
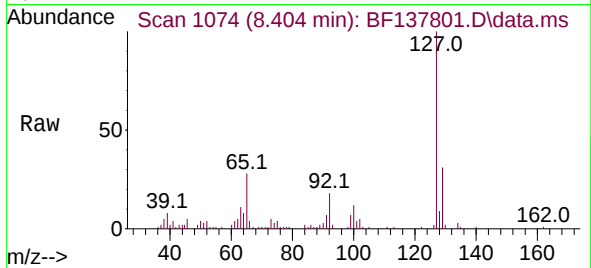
WC-1MS

Tgt Ion:	127	Resp:	3592
Ion Ratio	Lower	Upper	
127	100		
129	30.6	25.7	38.5
65	28.0	23.4	35.2
92	18.2	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#34

Hexachlorobutadiene

Concen: 40.421 ng

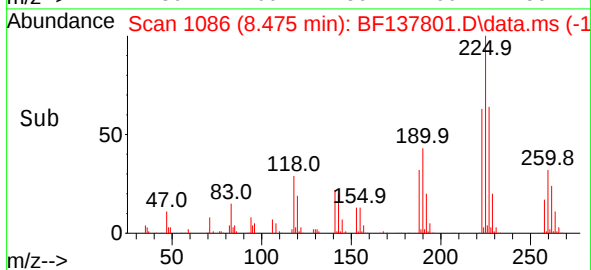
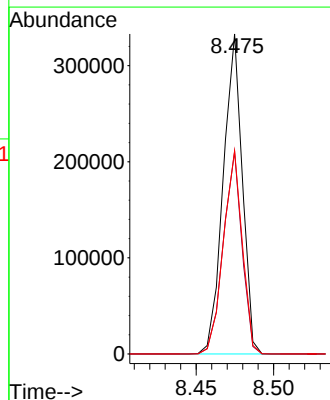
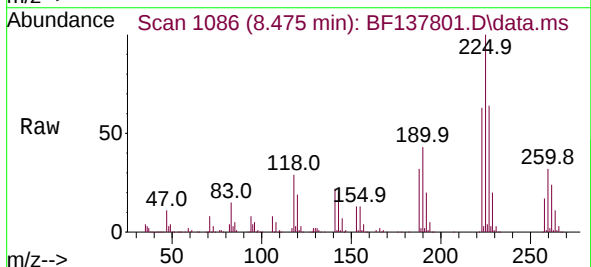
RT: 8.475 min Scan# 1086

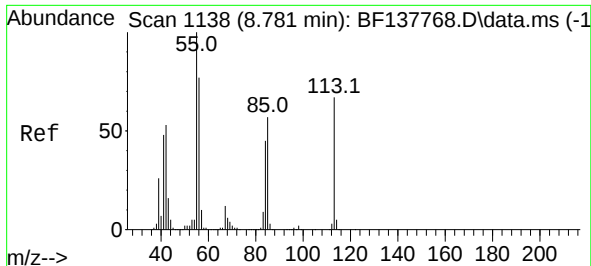
Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

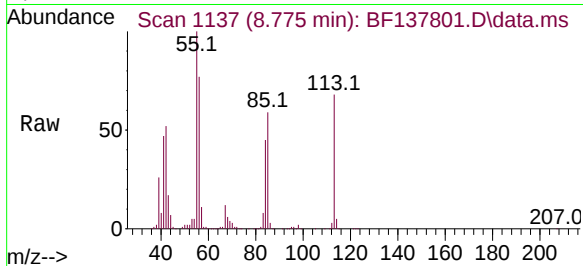
Tgt Ion:	225	Resp:	284504
Ion Ratio	Lower	Upper	
225	100		
223	63.3	51.1	76.7
227	63.5	51.4	77.0





#35
Caprolactam
Concen: 44.249 ng m
RT: 8.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

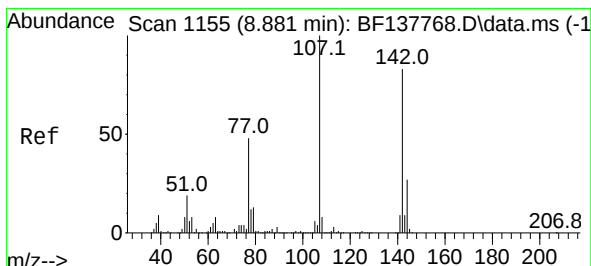
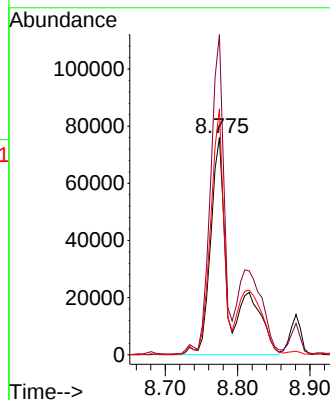
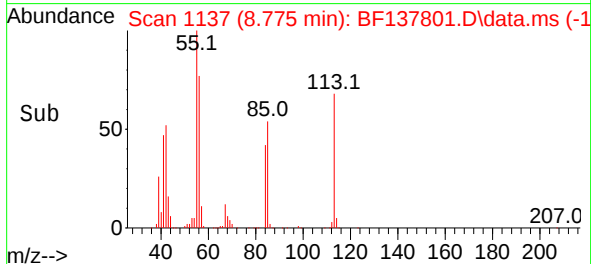
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:113 Resp: 147438
Ion Ratio Lower Upper
113 100
55 147.3 128.7 168.7
56 113.2 93.9 133.9

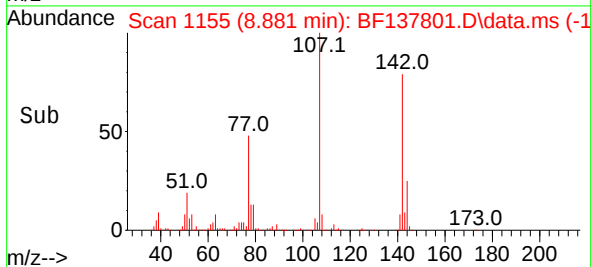
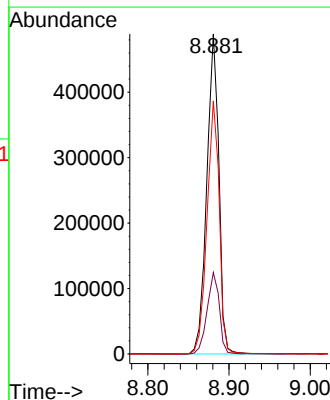
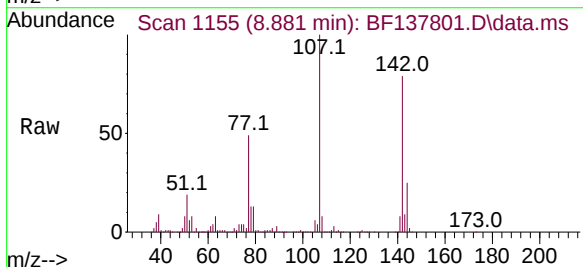
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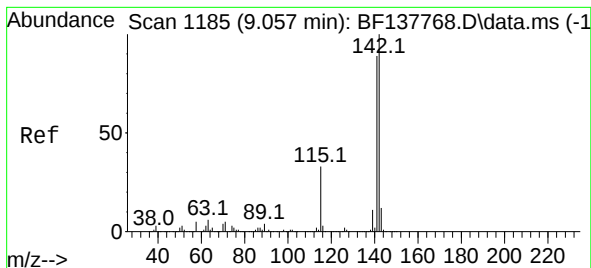
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#36
4-Chloro-3-methylphenol
Concen: 45.921 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Tgt Ion:107 Resp: 503605
Ion Ratio Lower Upper
107 100
144 25.4 21.4 32.0
142 79.0 66.2 99.2





#37
2-Methylnaphthalene
Concen: 44.123 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

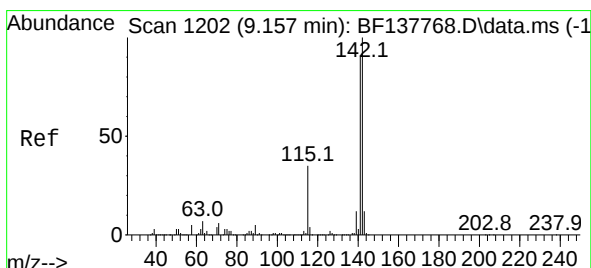
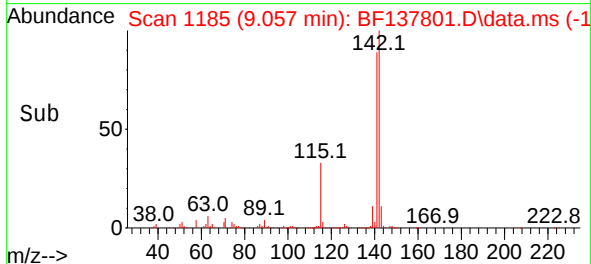
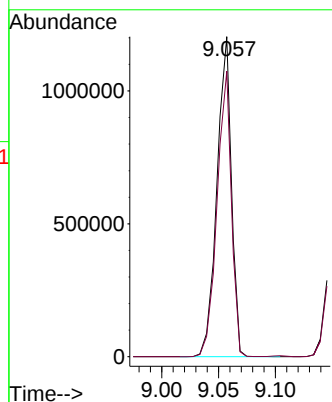
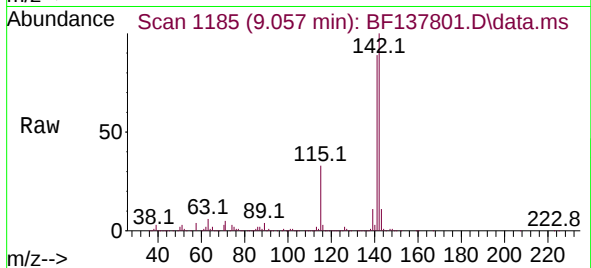
WC-1MS

Tgt Ion:142 Resp: 106777
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2

Manual Integrations

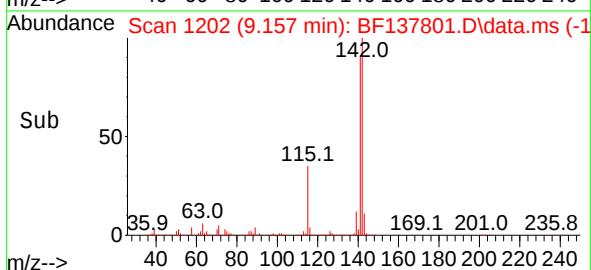
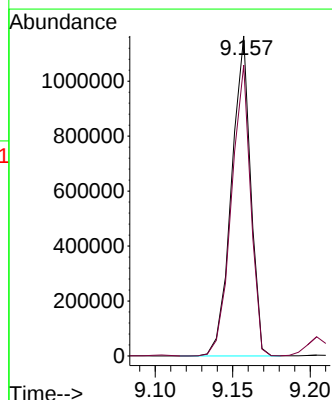
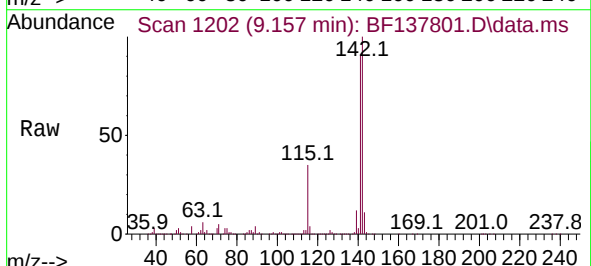
APPROVED

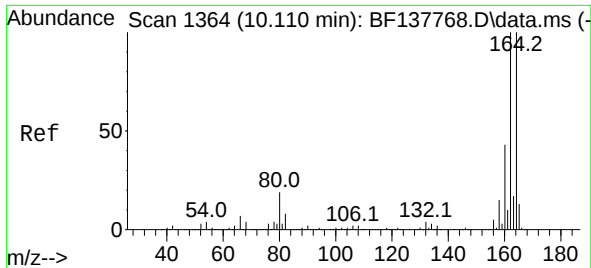
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#38
1-Methylnaphthalene
Concen: 41.988 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Tgt Ion:142 Resp: 999672
Ion Ratio Lower Upper
142 100
141 90.9 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:164 Resp: 421609

Ion Ratio Lower Upper

164 100

162 98.2 79.8 119.6

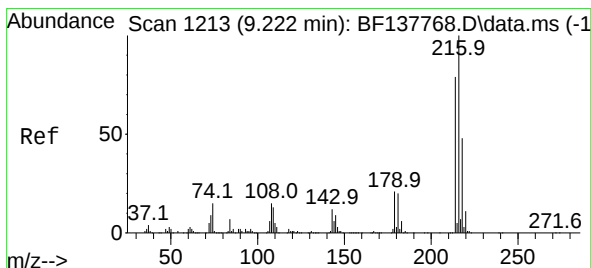
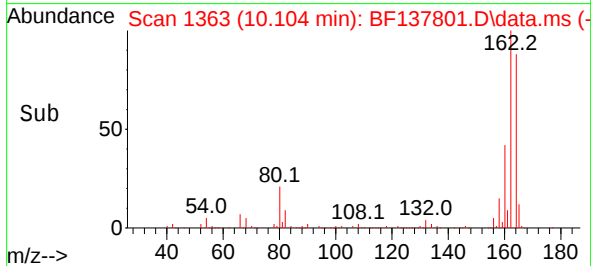
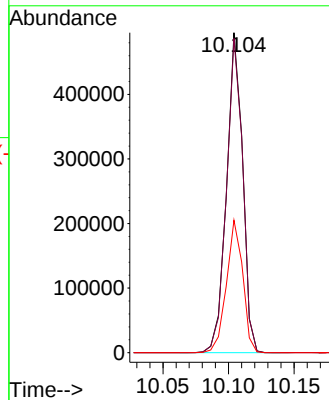
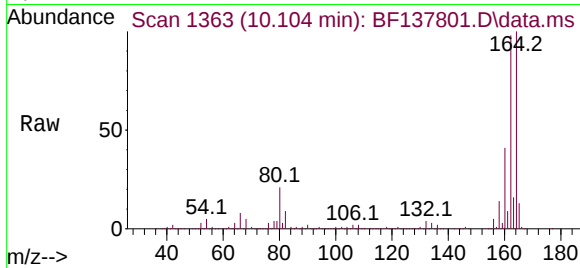
160 41.4 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.124 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

Tgt Ion:216 Resp: 503877

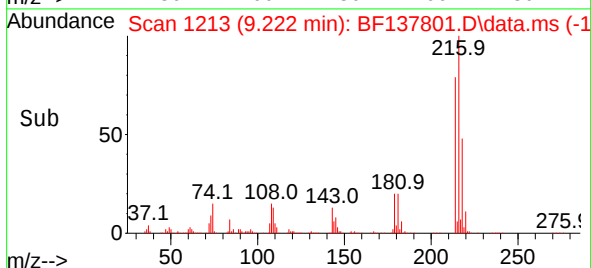
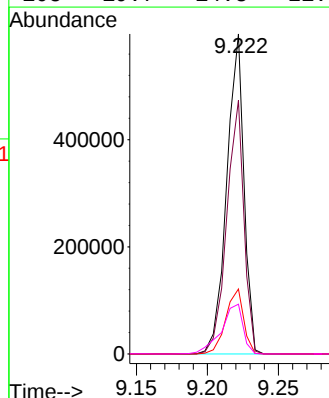
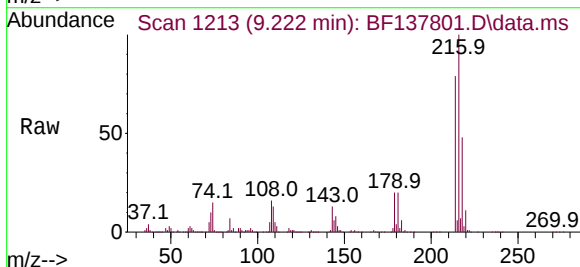
Ion Ratio Lower Upper

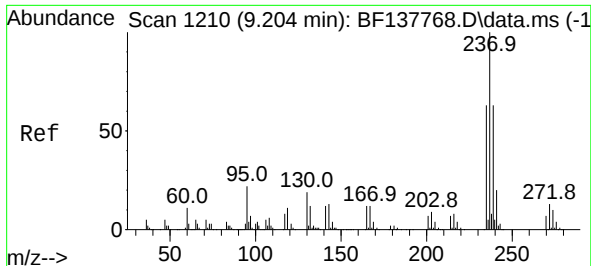
216 100

214 78.9 63.3 94.9

179 20.9 16.8 25.2

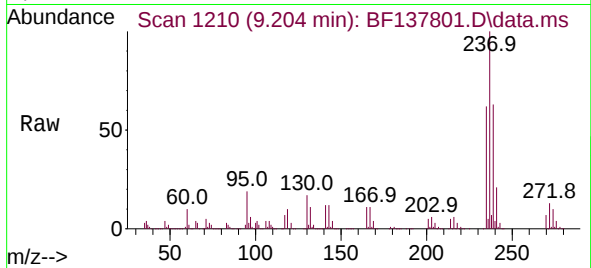
108 19.7 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 122.445 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

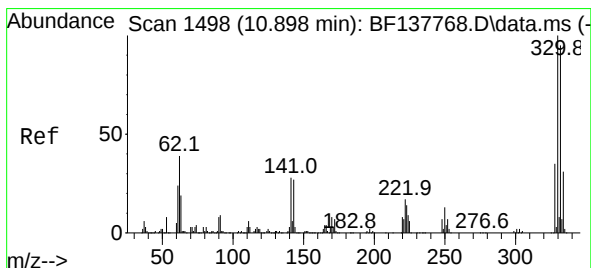
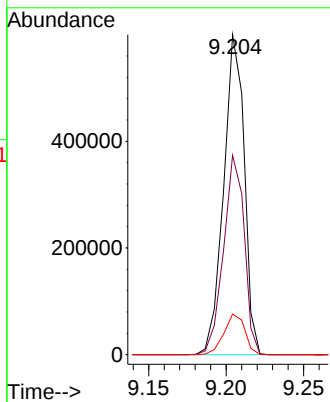
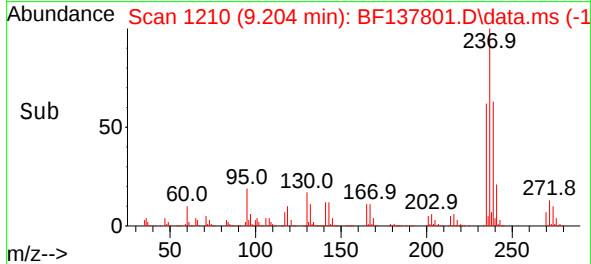
Instrument :
BNA_F
ClientSampleId :
WC-1MS



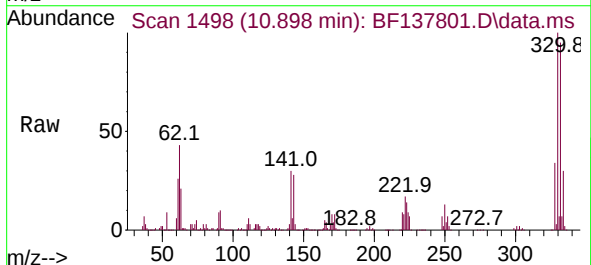
Tgt Ion: 237 Resp: 555362
Ion Ratio Lower Upper
237 100
235 62.4 43.0 83.0
272 12.7 0.0 32.8

Manual Integrations
APPROVED

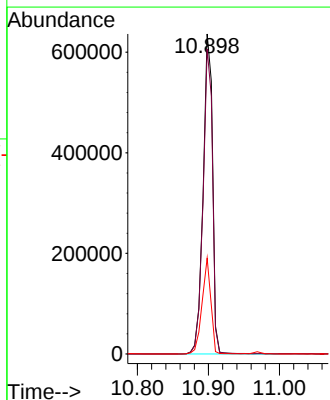
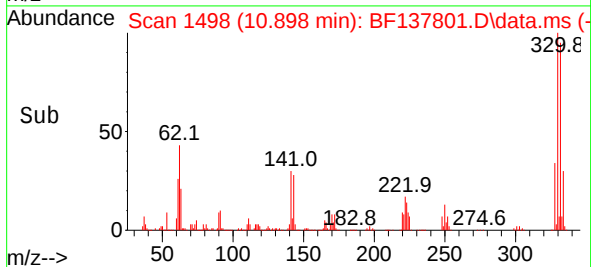
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

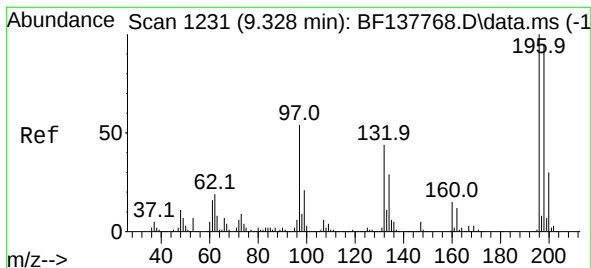


#42
2,4,6-Tribromophenol
Concen: 136.993 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55



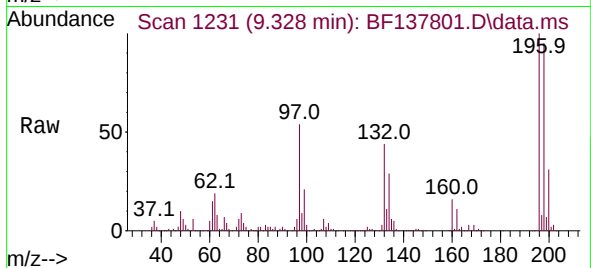
Tgt Ion: 330 Resp: 589720
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 28.0 23.8 35.6





#43
2,4,6-Trichlorophenol
Concen: 47.728 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

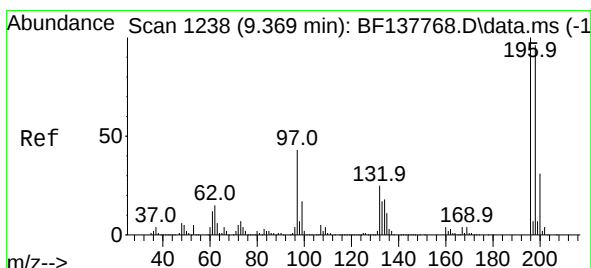
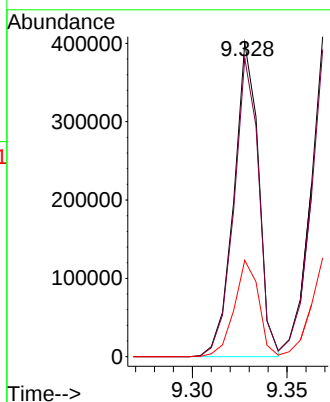
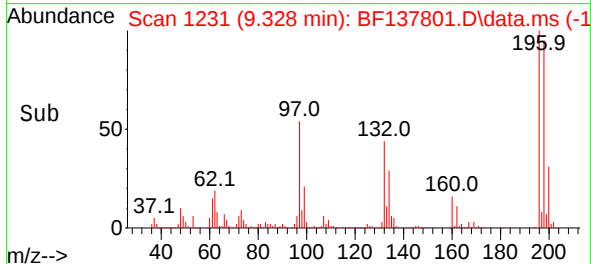
Instrument :
BNA_F
ClientSampleId :
WC-1MS



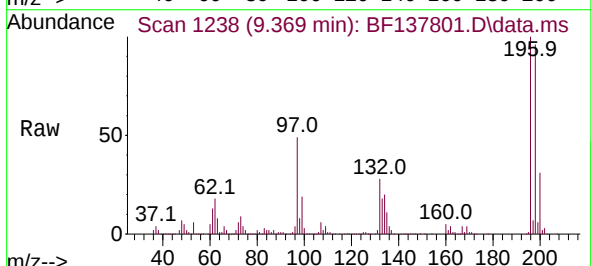
Tgt Ion:196 Resp: 36278
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.4
200 30.7 24.2 36.2

Manual Integrations
APPROVED

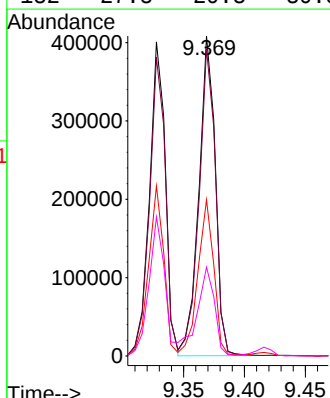
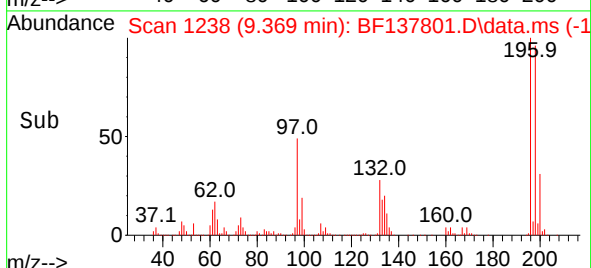
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

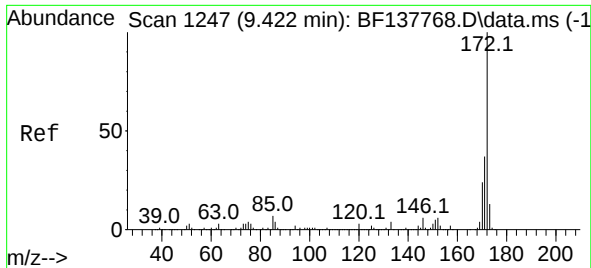


#44
2,4,5-Trichlorophenol
Concen: 45.817 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55



Tgt Ion:196 Resp: 384550
Ion Ratio Lower Upper
196 100
198 96.0 76.6 114.8
97 48.8 34.5 51.7
132 27.8 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 87.768 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:172 Resp: 2280860

Ion Ratio Lower Upper

172 100

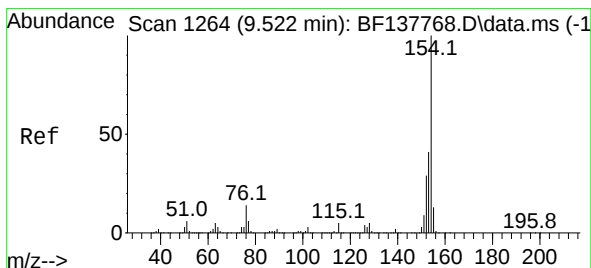
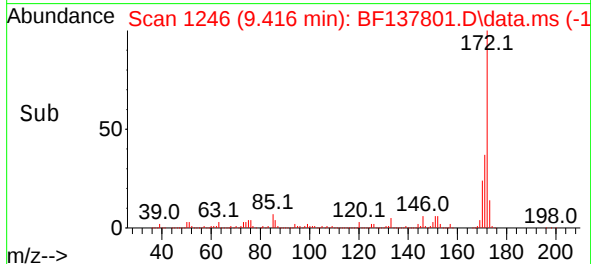
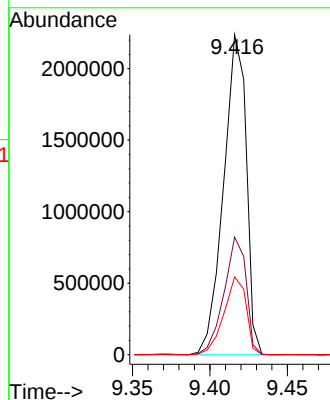
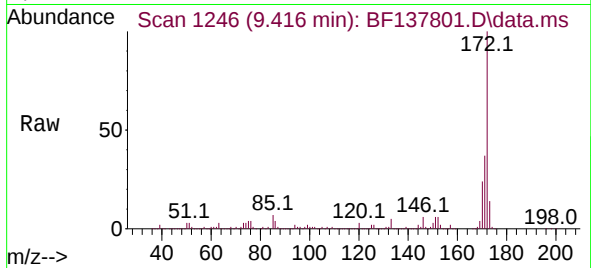
171 36.8 29.6 44.4

170 24.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#46

1,1'-Biphenyl

Concen: 45.877 ng

RT: 9.522 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

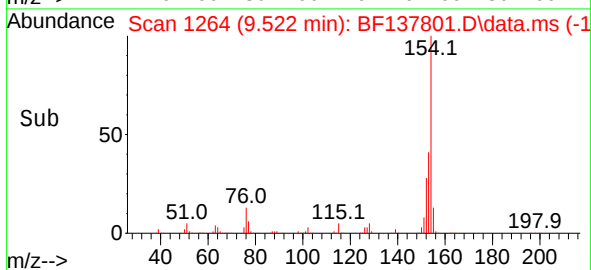
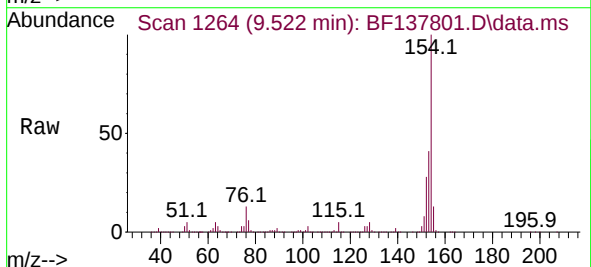
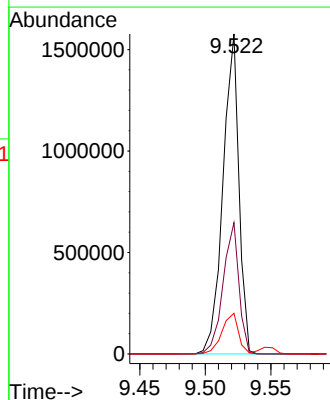
Tgt Ion:154 Resp: 1327409

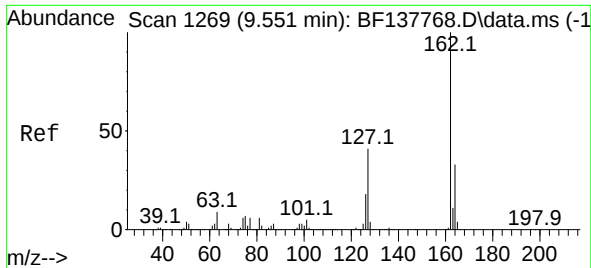
Ion Ratio Lower Upper

154 100

153 41.1 21.4 61.4

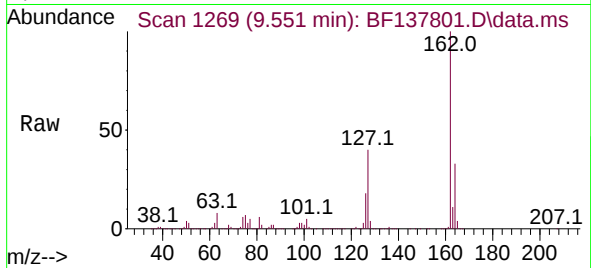
76 12.7 0.0 33.5





#47
2-Chloronaphthalene
Concen: 44.133 ng
RT: 9.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

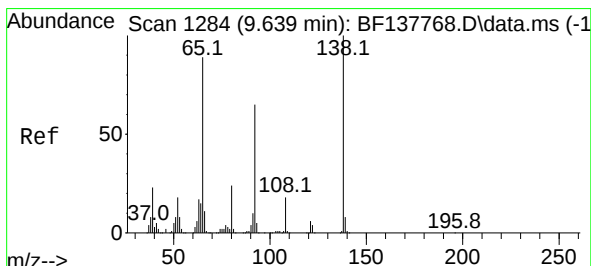
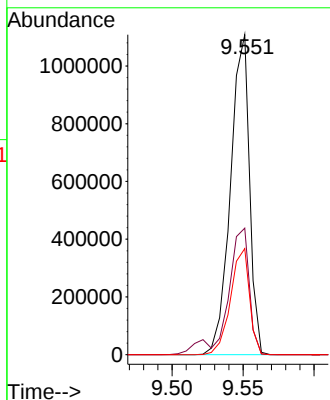
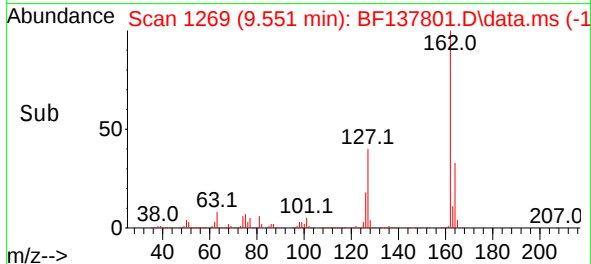
Instrument :
BNA_F
ClientSampleId :
WC-1MS



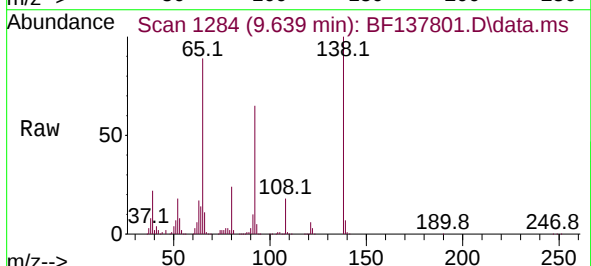
Tgt Ion:162 Resp: 103094
Ion Ratio Lower Upper
162 100
127 39.5 32.6 49.0
164 33.2 26.5 39.7

Manual Integrations
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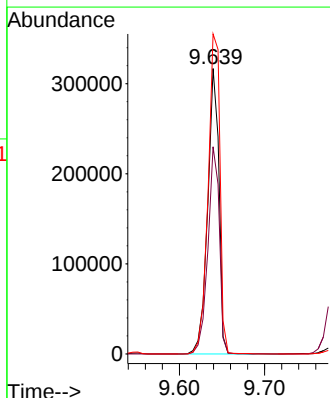
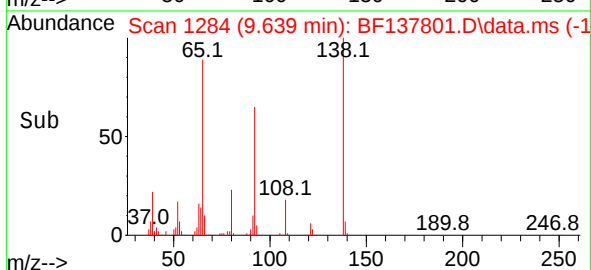
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

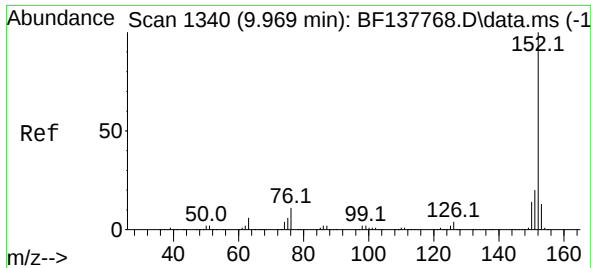


#48
2-Nitroaniline
Concen: 45.826 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55



Tgt Ion: 65 Resp: 290329
Ion Ratio Lower Upper
65 100
92 72.6 58.6 88.0
138 112.1 90.3 135.5





#49

Acenaphthylene

Concen: 48.626 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.000 min

Lab File: BF137801.D

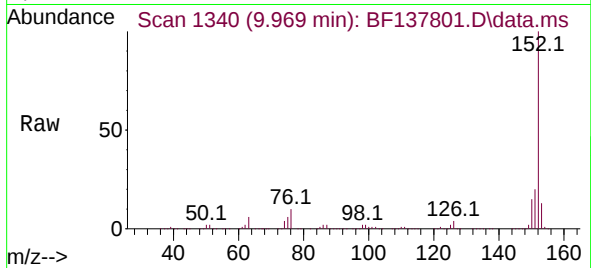
Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS



Tgt Ion:152 Resp: 164315

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

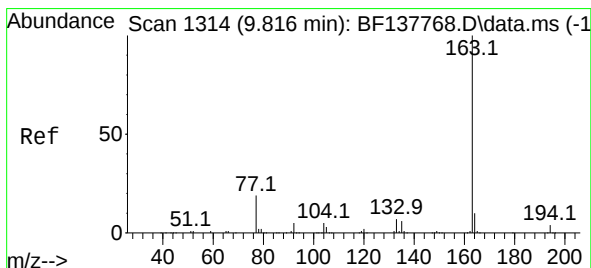
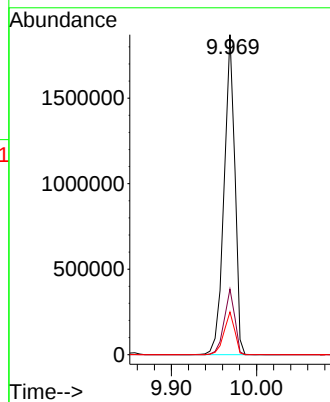
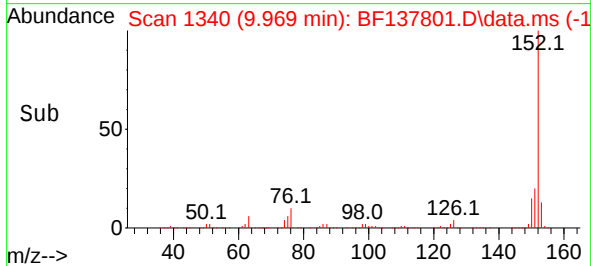
153 13.4 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#50

Dimethylphthalate

Concen: 47.433 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

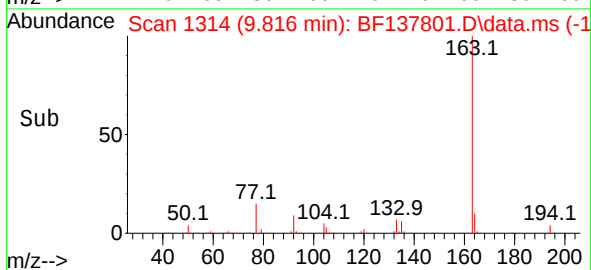
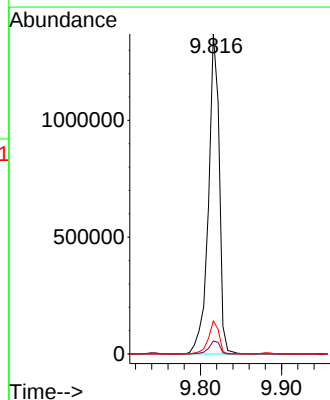
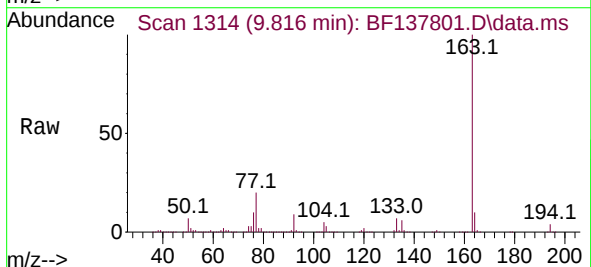
Tgt Ion:163 Resp: 1262457

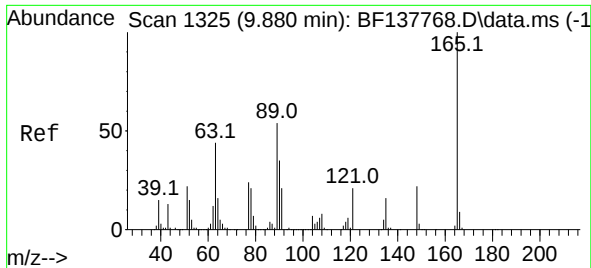
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.3 12.5





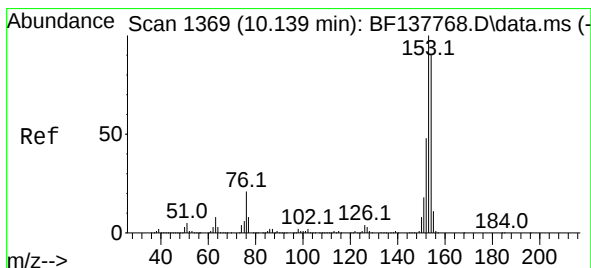
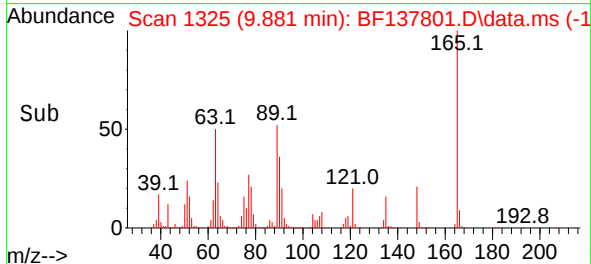
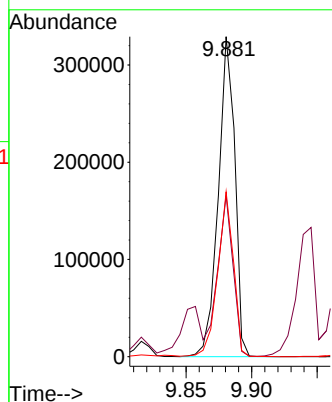
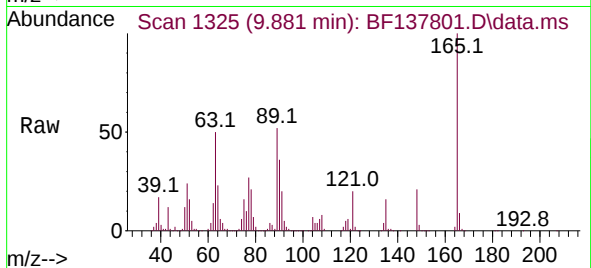
#51
2,6-Dinitrotoluene
Concen: 47.331 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:165 Resp: 287894
Ion Ratio Lower Upper
165 100
63 50.4 41.9 62.9
89 51.5 43.2 64.8

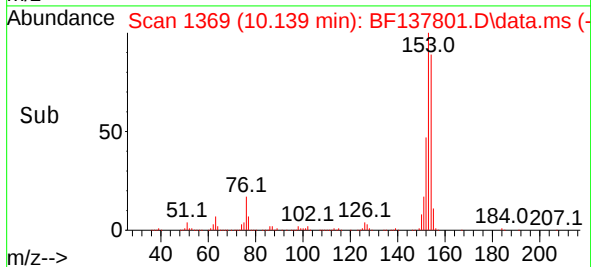
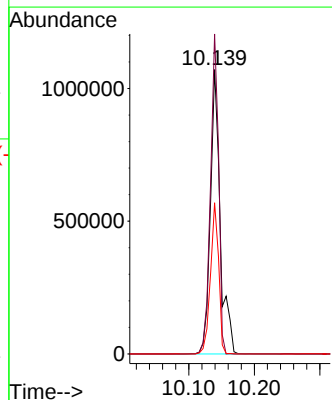
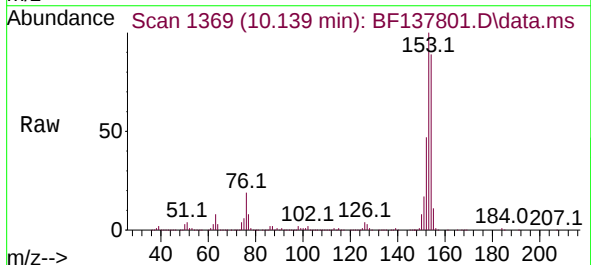
Manual Integrations
APPROVED

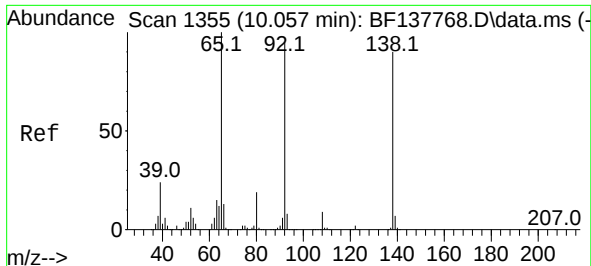
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#52
Acenaphthene
Concen: 49.765 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Tgt Ion:154 Resp: 1114681
Ion Ratio Lower Upper
154 100
153 112.6 88.7 133.1
152 53.2 42.8 64.2





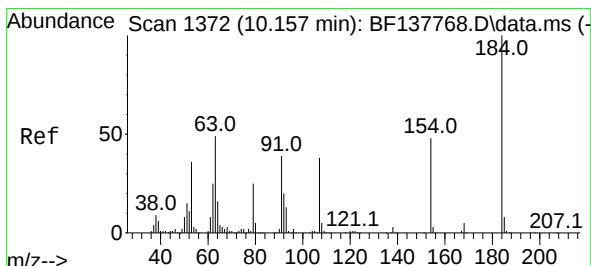
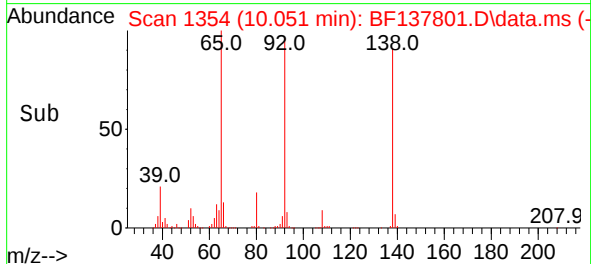
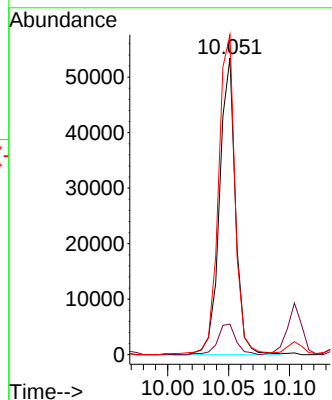
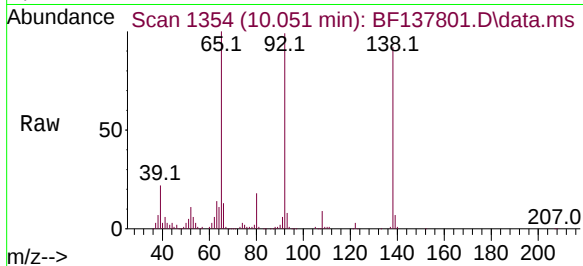
#53
3-Nitroaniline
Concen: 7.655 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:138 Resp: 48758
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.6
92 107.8 84.6 126.8

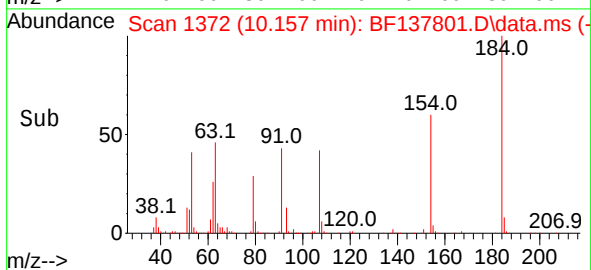
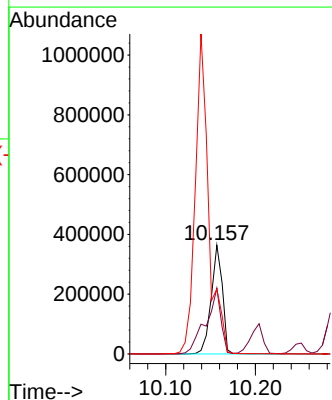
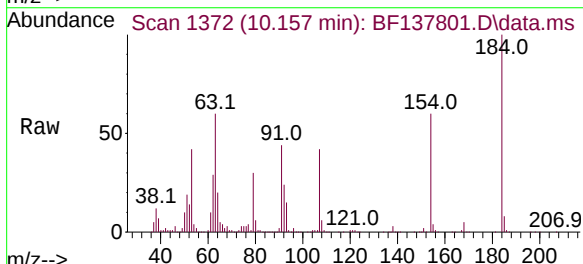
Manual Integrations
APPROVED

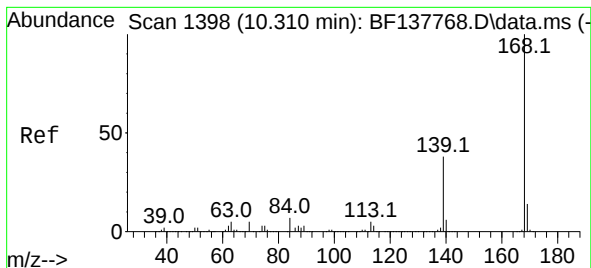
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#54
2,4-Dinitrophenol
Concen: 106.102 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

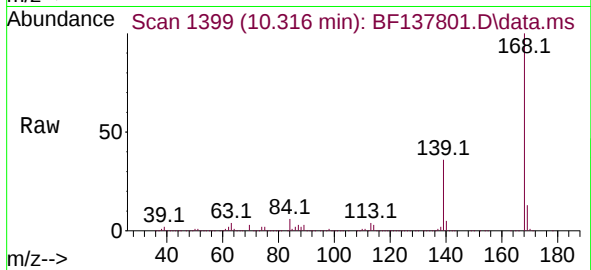
Tgt Ion:184 Resp: 317106
Ion Ratio Lower Upper
184 100
63 60.4 40.3 60.5
154 59.7 45.2 67.8





#55
Dibenzenofuran
Concen: 46.068 ng
RT: 10.316 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

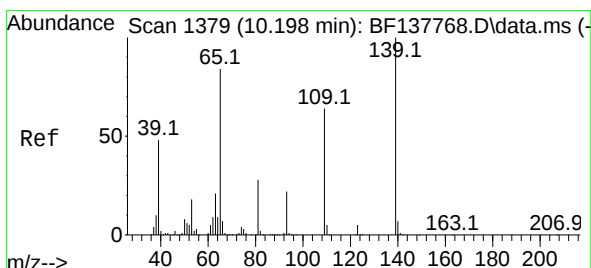
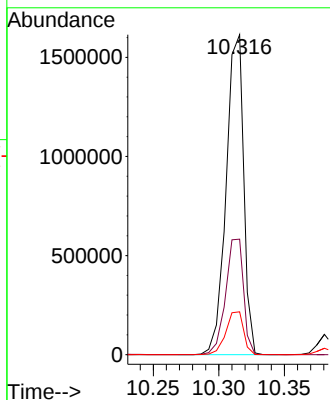
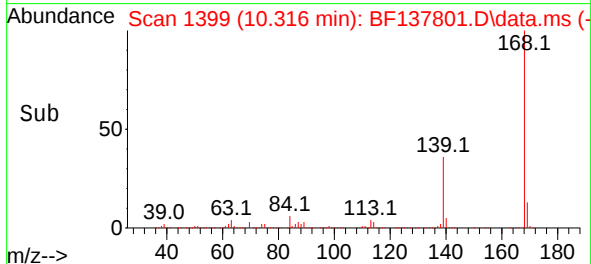
Instrument :
BNA_F
ClientSampleId :
WC-1MS



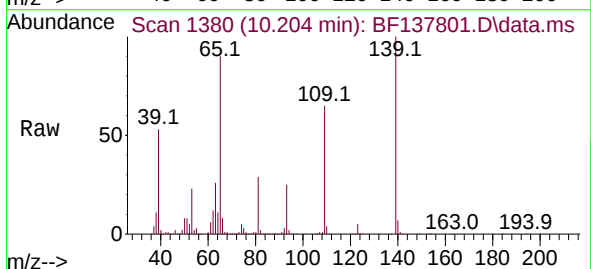
Tgt Ion:168 Resp: 150162
Ion Ratio Lower Upper
168 100
139 36.1 30.2 45.4
169 13.4 11.4 17.0

Manual Integrations
APPROVED

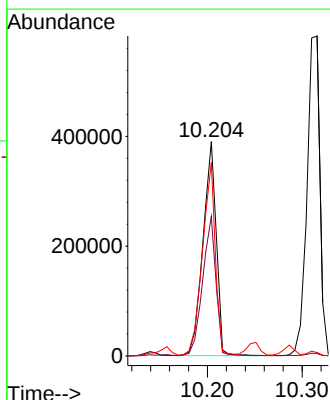
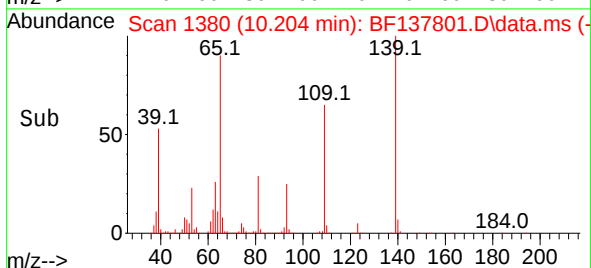
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

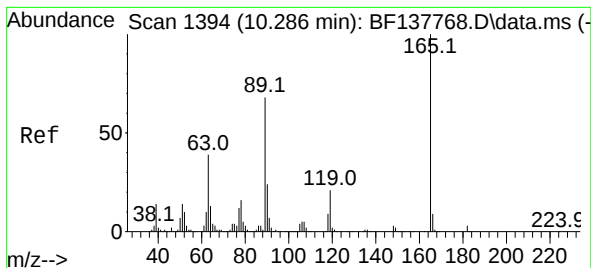


#56
4-Nitrophenol
Concen: 71.995 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55



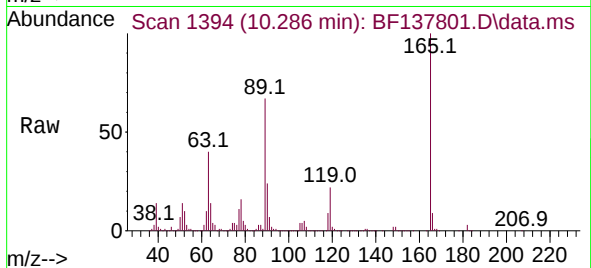
Tgt Ion:139 Resp: 380077
Ion Ratio Lower Upper
139 100
109 65.0 44.0 84.0
65 90.2 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 48.658 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

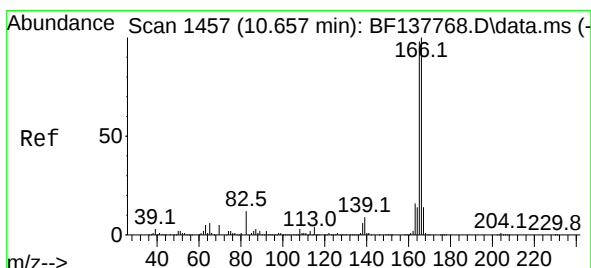
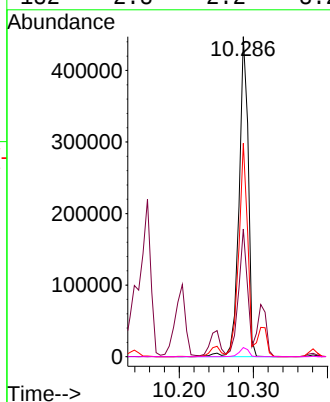
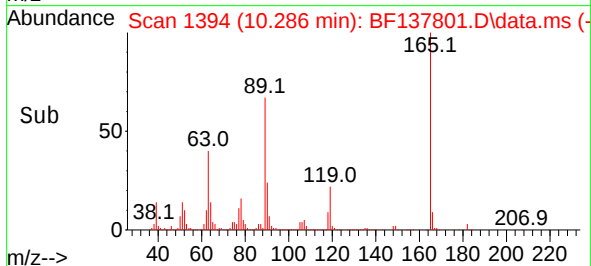
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:165 Resp: 386659
Ion Ratio Lower Upper
165 100
63 39.9 31.3 46.9
89 66.7 54.2 81.4
182 2.8 2.2 3.2

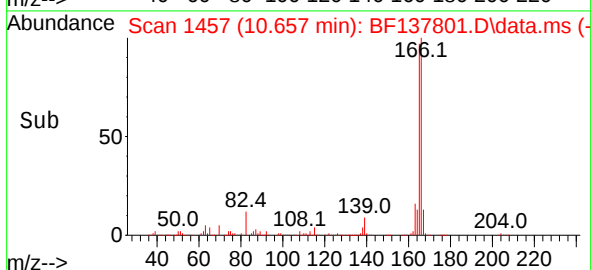
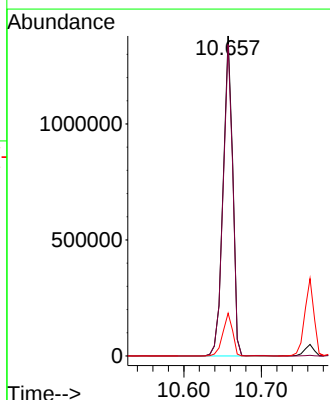
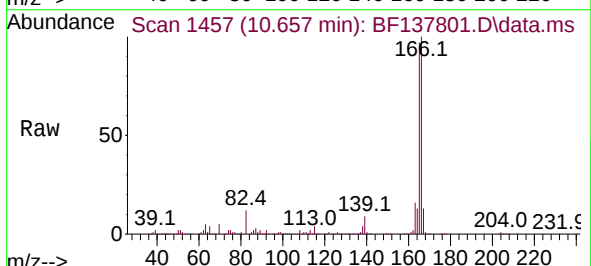
Manual Integrations
APPROVED

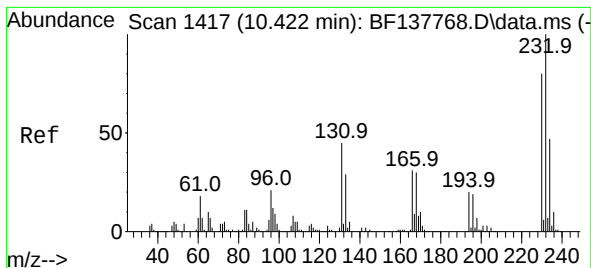
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#58
Fluorene
Concen: 45.677 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

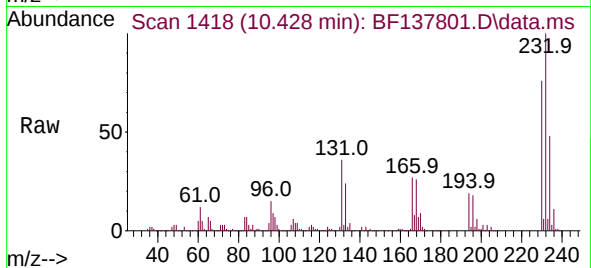
Tgt Ion:166 Resp: 1184911
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.043 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

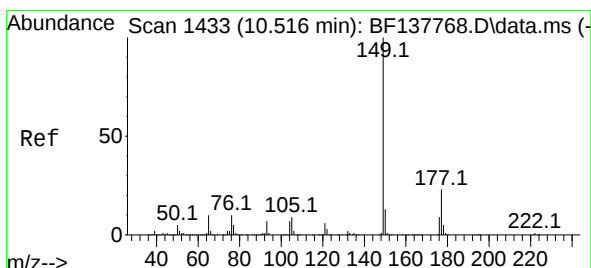
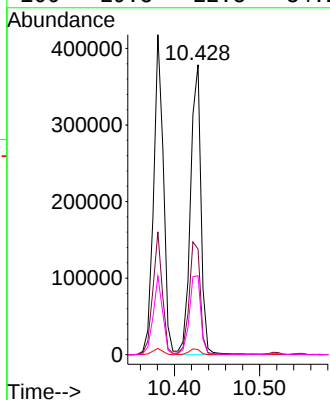
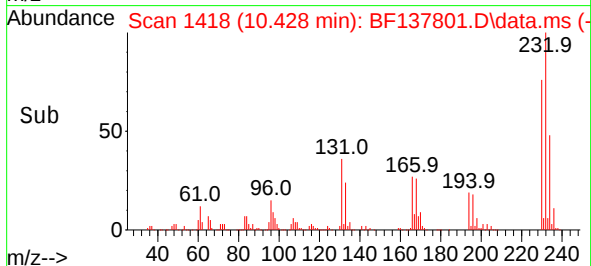
Instrument :
BNA_F
ClientSampleId :
WC-1MS



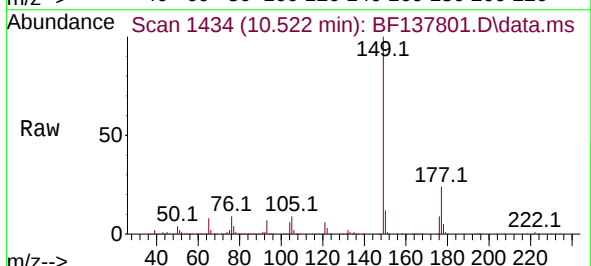
Tgt Ion:232 Resp: 320551
Ion Ratio Lower Upper
232 100
131 41.6 33.4 50.0
130 2.2 1.7 2.5
166 29.8 22.8 34.2

Manual Integrations
APPROVED

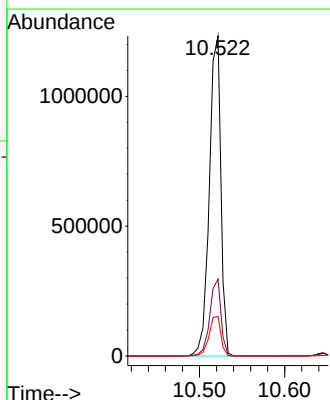
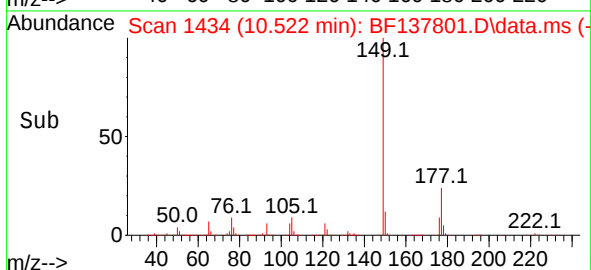
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

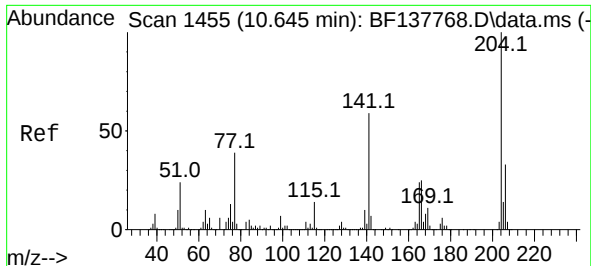


#60
Diethylphthalate
Concen: 45.987 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55



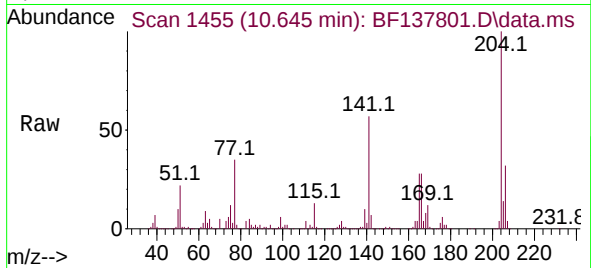
Tgt Ion:149 Resp: 1162465
Ion Ratio Lower Upper
149 100
177 24.0 18.4 27.6
150 12.4 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 45.497 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

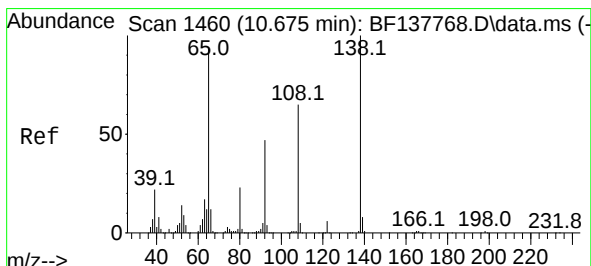
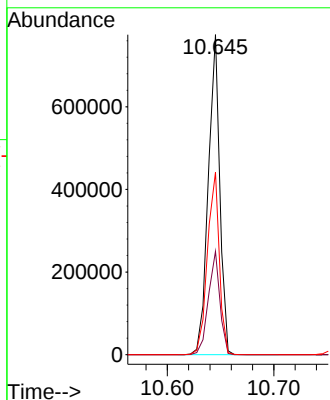
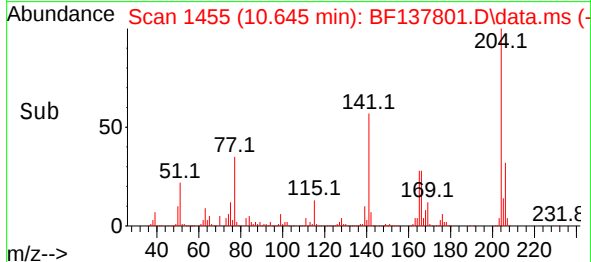
Instrument :
BNA_F
ClientSampleId :
WC-1MS



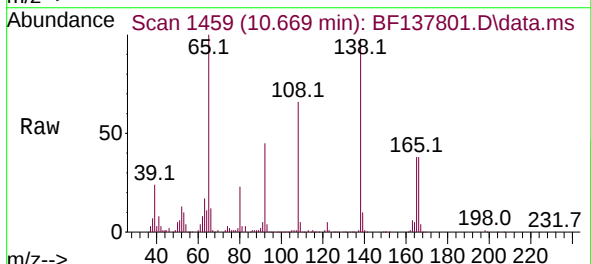
Tgt Ion:204 Resp: 581530
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 57.0 47.0 70.6

Manual Integrations
APPROVED

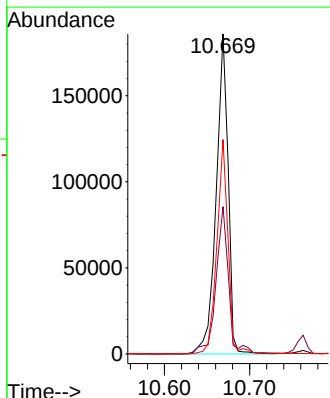
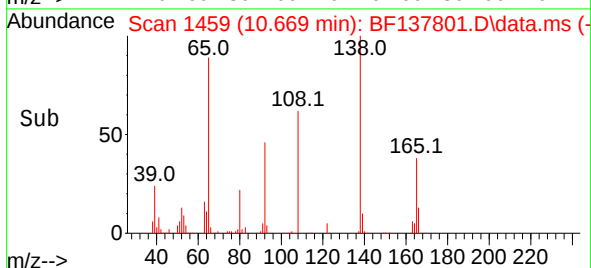
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

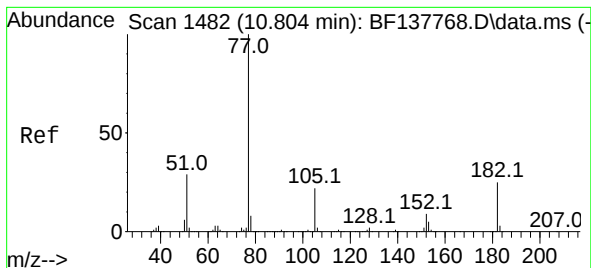


#62
4-Nitroaniline
Concen: 28.005 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55



Tgt Ion:138 Resp: 180932
Ion Ratio Lower Upper
138 100
92 46.1 26.8 66.8
108 67.0 44.7 84.7





#63

Azobenzene

Concen: 43.578 ng

RT: 10.804 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 77 Resp: 1064674

Ion Ratio Lower Upper

77 100

182 26.1 5.1 45.1

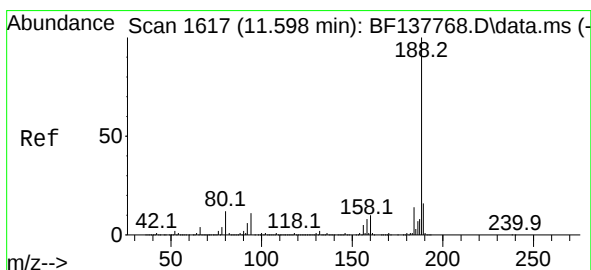
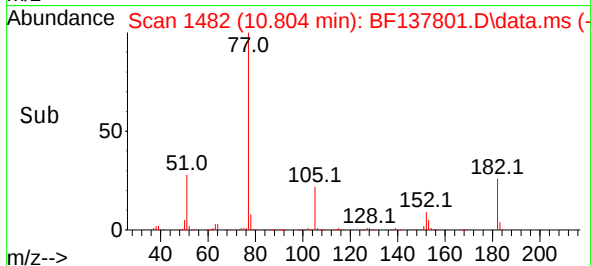
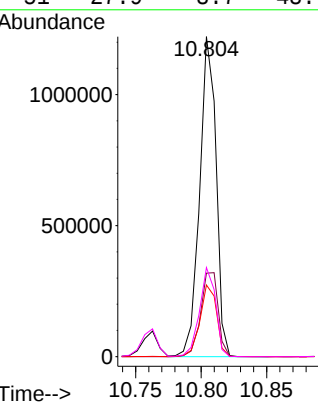
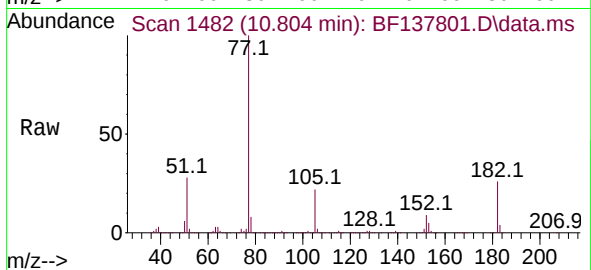
105 22.4 2.2 42.2

51 27.9 8.7 48.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1617

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

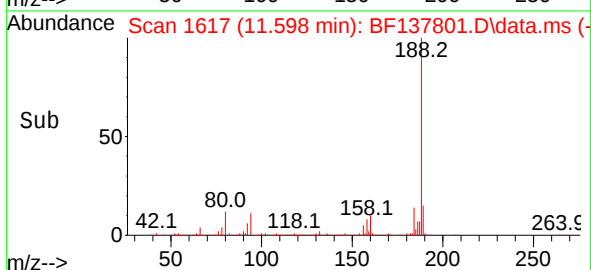
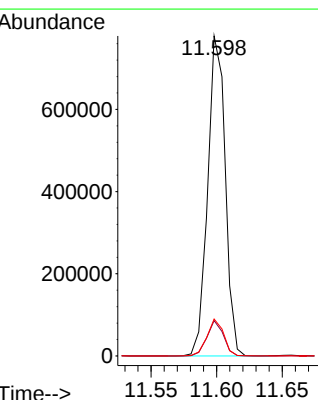
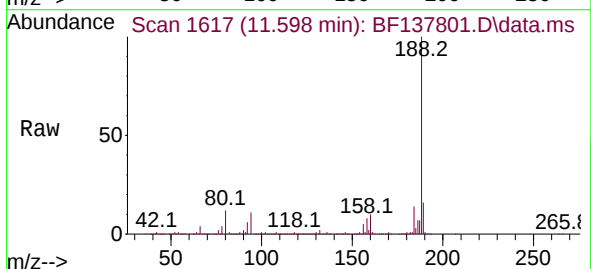
Tgt Ion:188 Resp: 723225

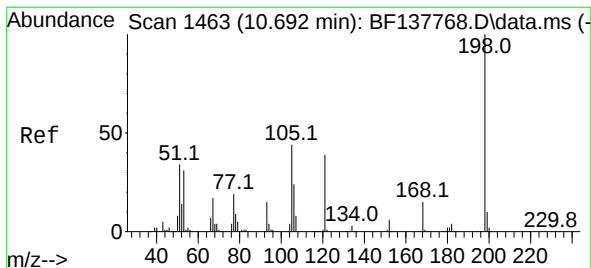
Ion Ratio Lower Upper

188 100

94 11.1 8.8 13.2

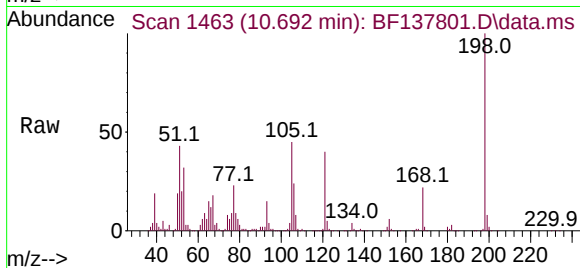
80 11.6 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 53.163 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

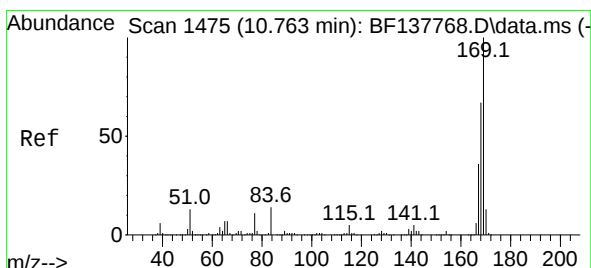
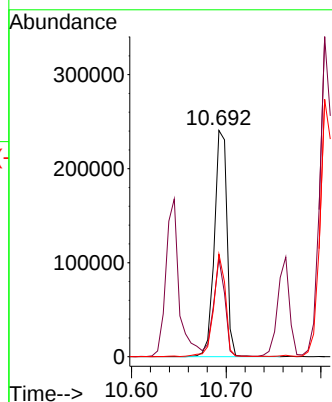
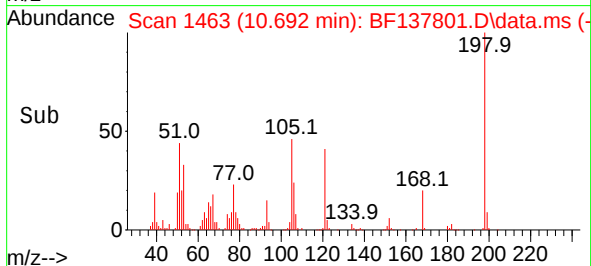
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:198 Resp: 220683
Ion Ratio Lower Upper
198 100
51 43.4 25.1 65.1
105 45.3 24.1 64.1

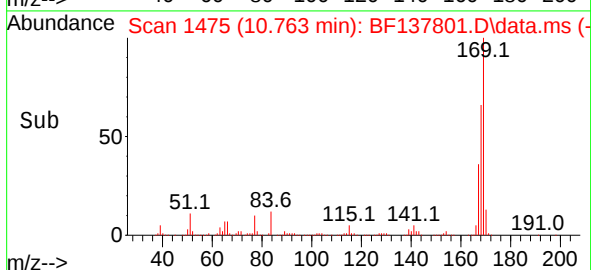
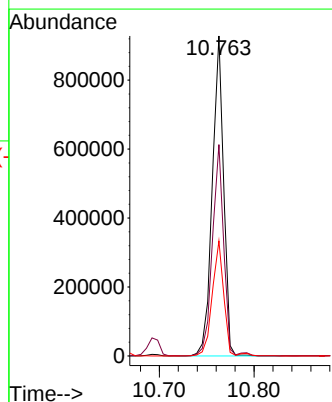
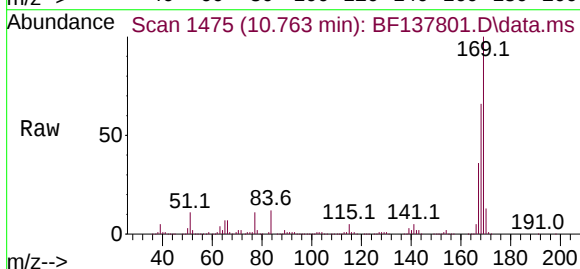
Manual Integrations
APPROVED

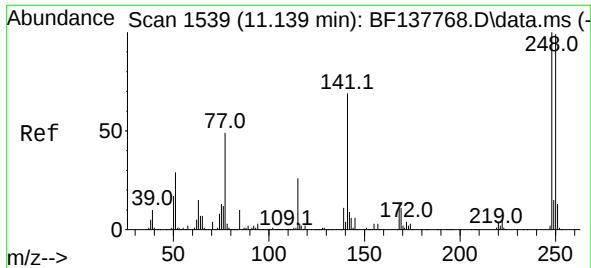
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#66
n-Nitrosodiphenylamine
Concen: 35.474 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

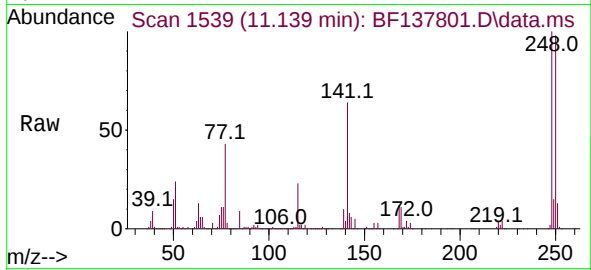
Tgt Ion:169 Resp: 767966
Ion Ratio Lower Upper
169 100
168 66.0 53.3 79.9
167 36.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 46.853 ng
RT: 11.139 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

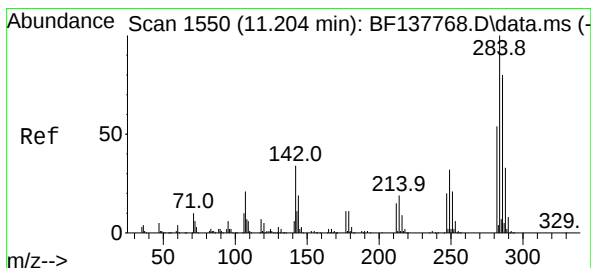
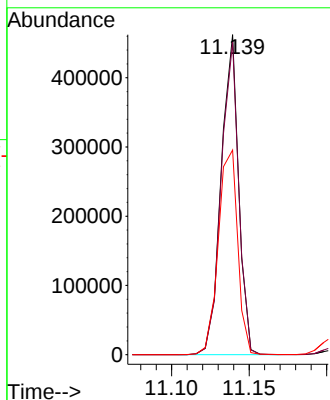
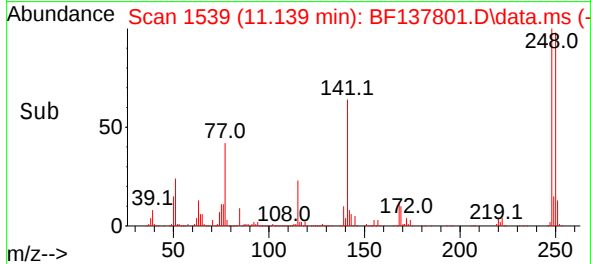
Instrument :
BNA_F
ClientSampleId :
WC-1MS



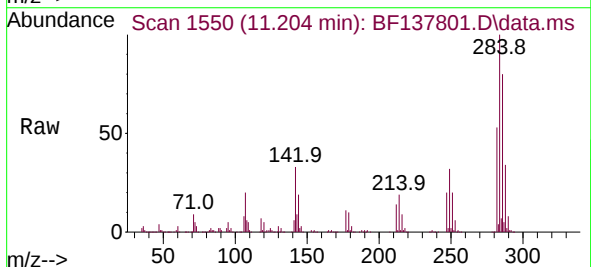
Tgt Ion:248 Resp: 362649
Ion Ratio Lower Upper
248 100
250 97.6 79.1 118.7
141 64.0 55.4 83.2

Manual Integrations
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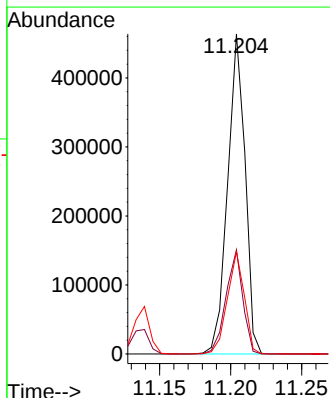
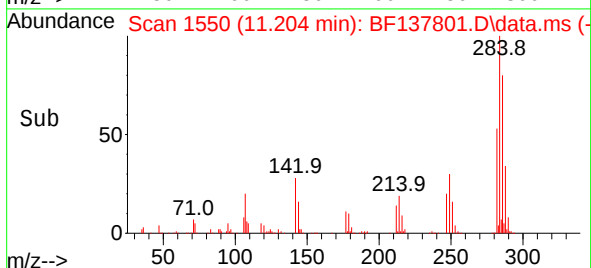
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

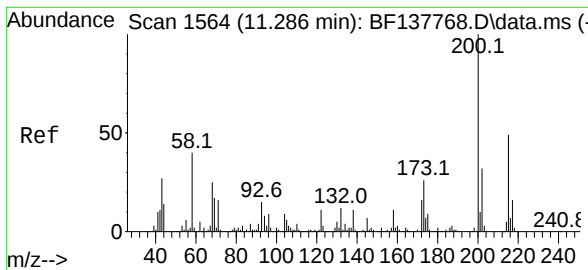


#68
Hexachlorobenzene
Concen: 46.634 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55



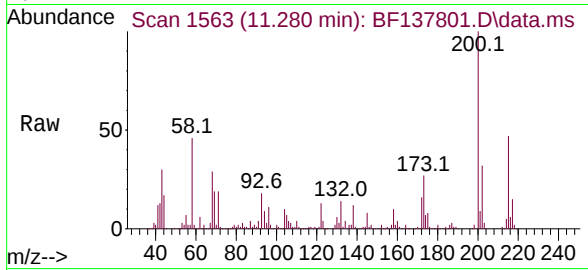
Tgt Ion:284 Resp: 394453
Ion Ratio Lower Upper
284 100
142 32.6 27.3 40.9
249 31.9 25.6 38.4





#69
 Atrazine
 Concen: 26.283 ng
 RT: 11.280 min Scan# 1563
 Delta R.T. -0.006 min
 Lab File: BF137801.D
 Acq: 01 May 2024 19:55

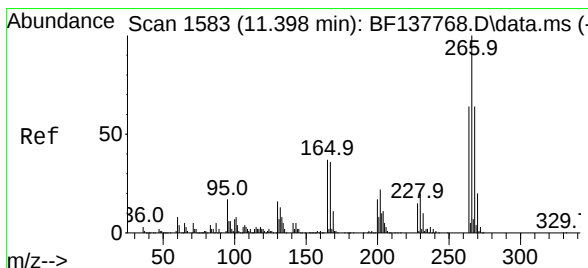
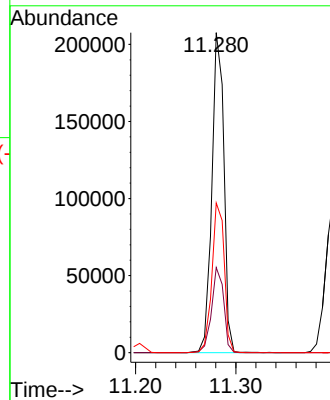
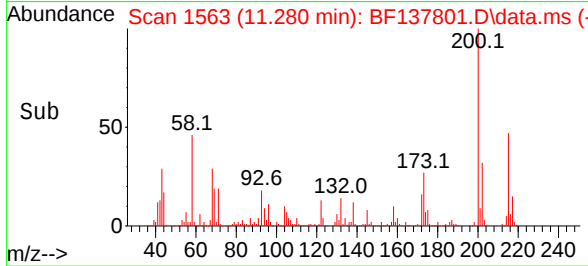
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS



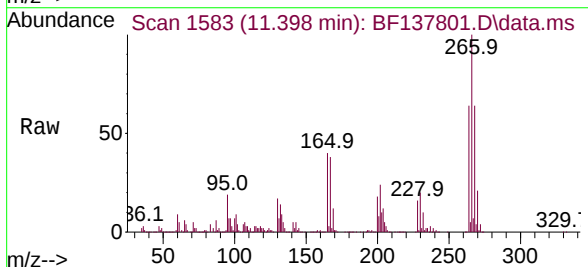
Tgt Ion:200 Resp: 173494
 Ion Ratio Lower Upper
 200 100
 173 26.6 5.9 45.9
 215 46.8 28.8 68.8

Manual Integrations
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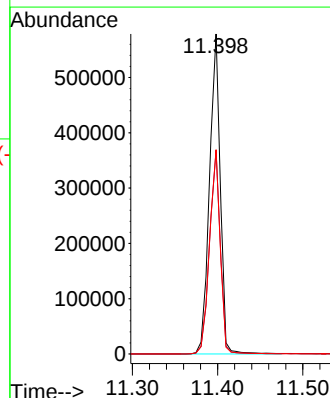
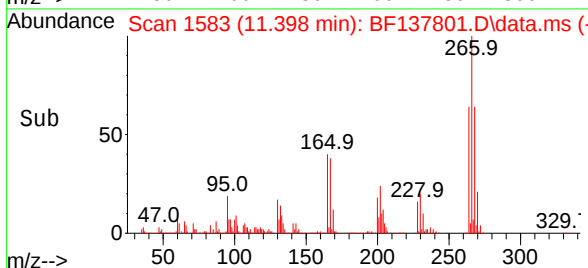
Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

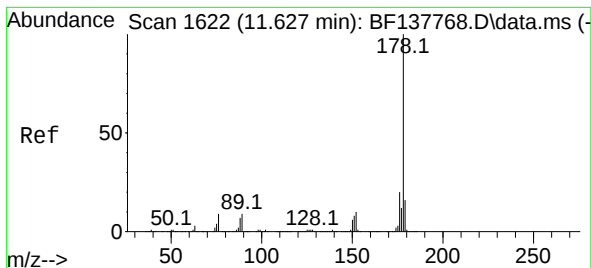


#70
 Pentachlorophenol
 Concen: 87.561 ng
 RT: 11.398 min Scan# 1583
 Delta R.T. 0.000 min
 Lab File: BF137801.D
 Acq: 01 May 2024 19:55



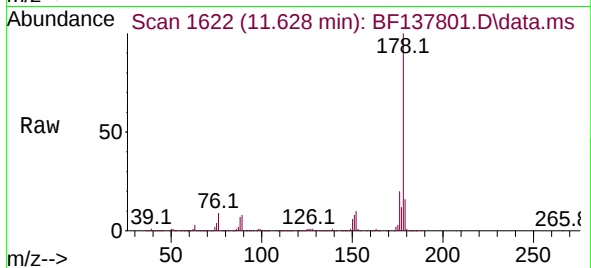
Tgt Ion:266 Resp: 508475
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.3 76.9
 264 63.9 51.0 76.4





#71
Phenanthrene
Concen: 47.004 ng
RT: 11.628 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

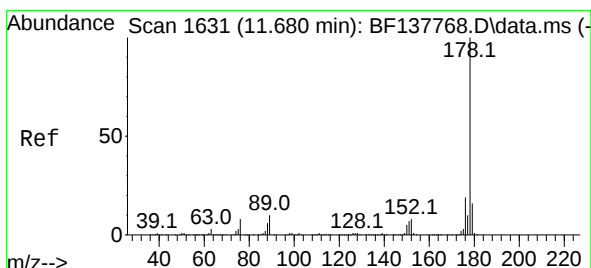
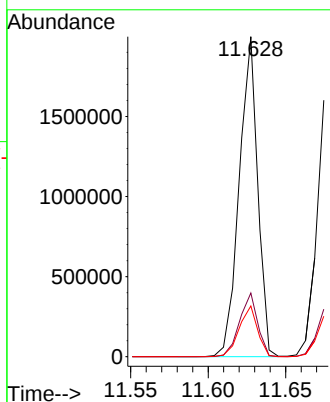
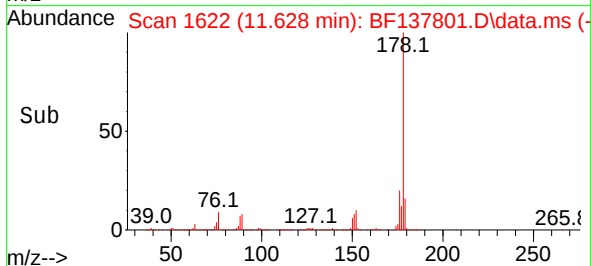
Instrument :
BNA_F
ClientSampleId :
WC-1MS



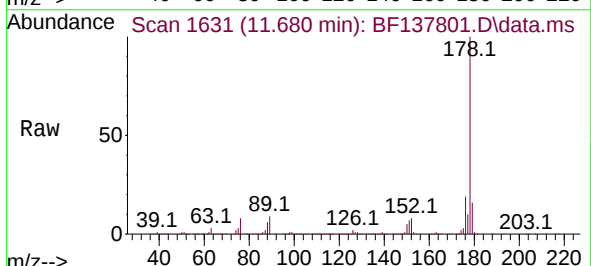
Tgt Ion:178 Resp: 1656952
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.9 12.5 18.7

Manual Integrations
APPROVED

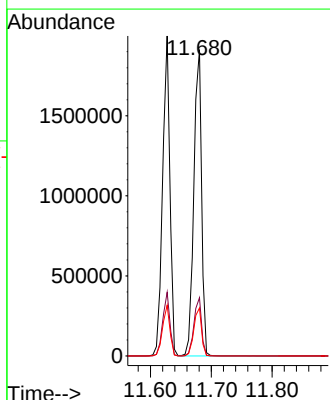
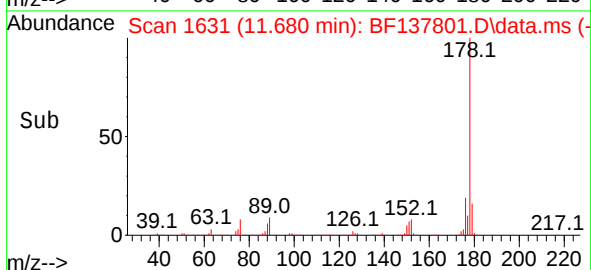
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

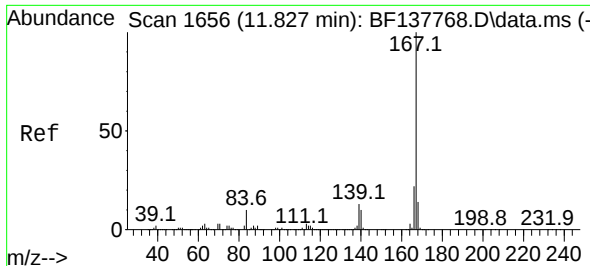


#72
Anthracene
Concen: 48.112 ng
RT: 11.680 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55



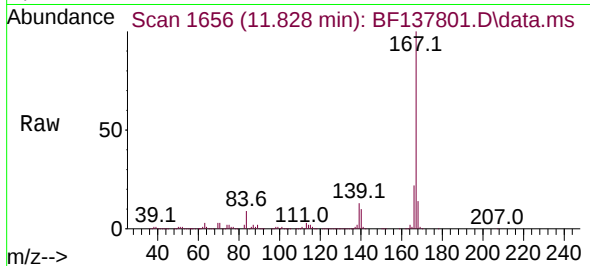
Tgt Ion:178 Resp: 1687516
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.7 12.6 18.8





#73
 Carbazole
 Concen: 35.776 ng
 RT: 11.828 min Scan# 1656
 Delta R.T. 0.000 min
 Lab File: BF137801.D
 Acq: 01 May 2024 19:55

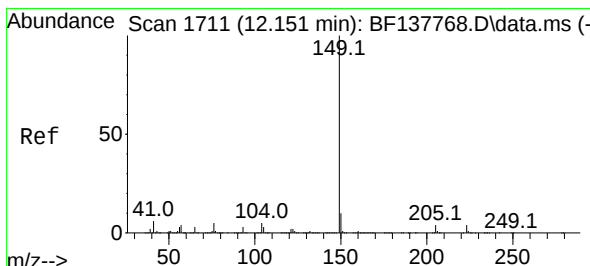
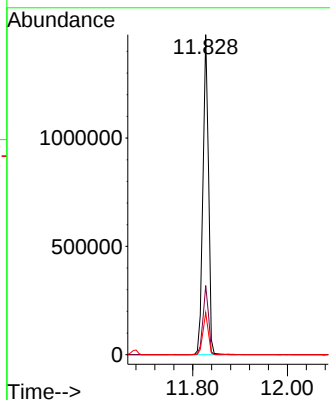
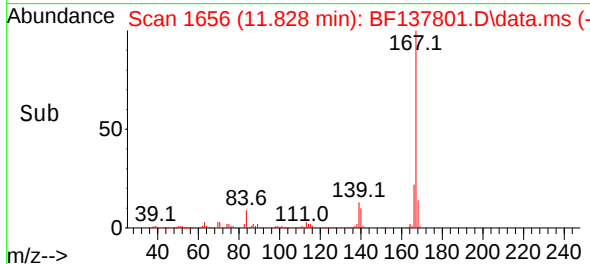
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS



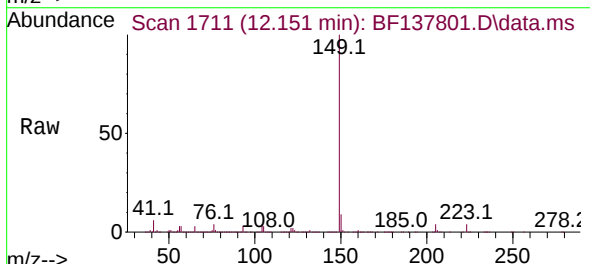
Tgt Ion:167 Resp: 1209329
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 13.1 10.5 15.7

Manual Integrations
 APPROVED

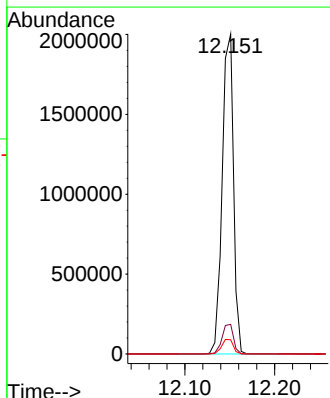
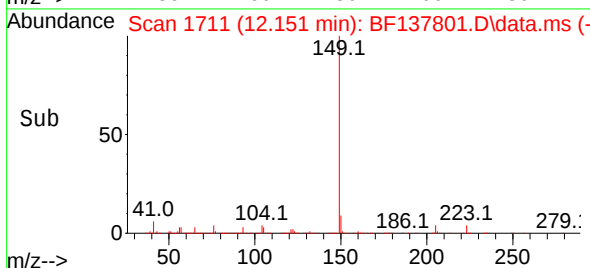
Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

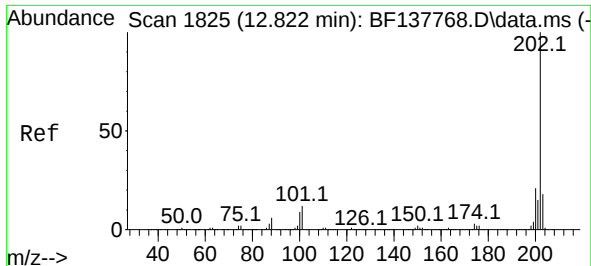


#74
 Di-n-butylphthalate
 Concen: 47.461 ng
 RT: 12.151 min Scan# 1711
 Delta R.T. 0.000 min
 Lab File: BF137801.D
 Acq: 01 May 2024 19:55



Tgt Ion:149 Resp: 1750061
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.5 3.8 5.8





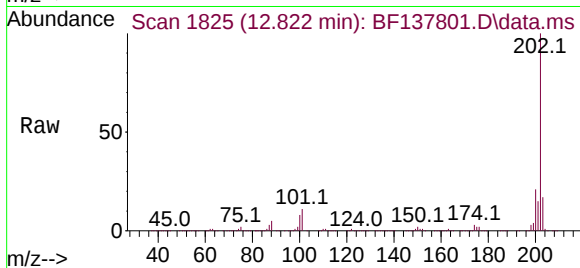
#75
Fluoranthene
Concen: 42.703 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS

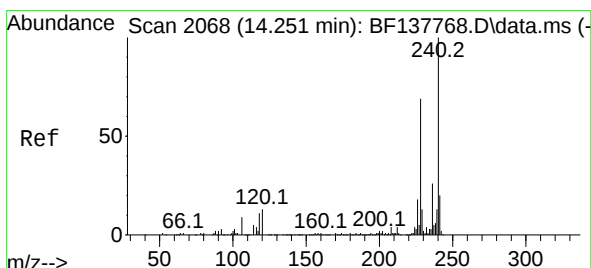
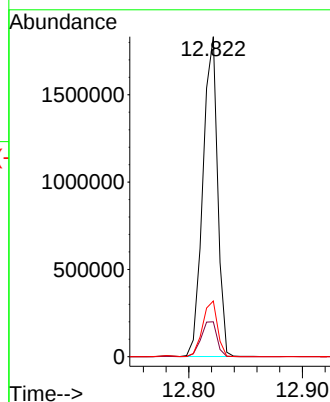
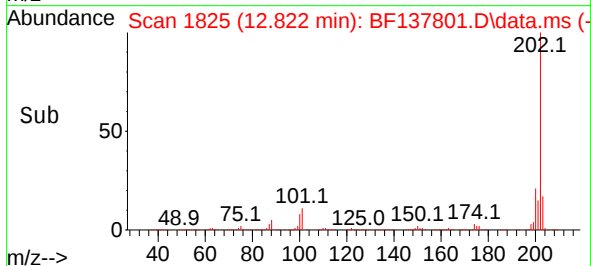


Tgt Ion:202 Resp: 1645512
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.8
203 17.4 0.0 37.8

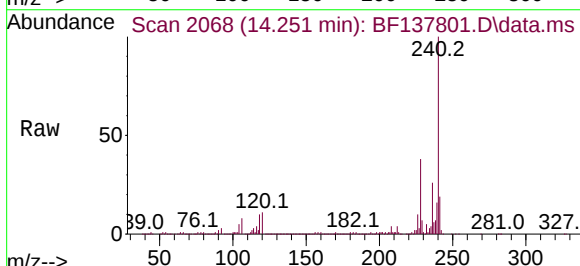
Manual Integrations

APPROVED

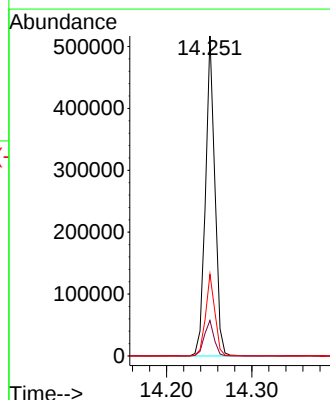
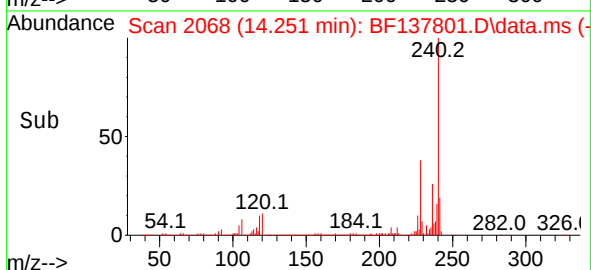
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

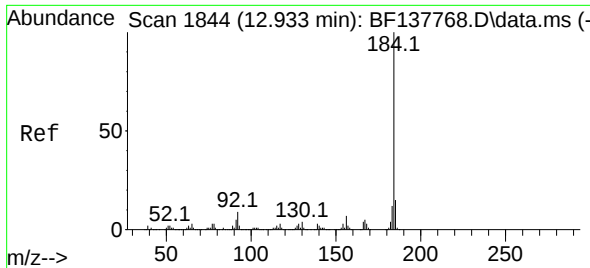


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55



Tgt Ion:240 Resp: 395681
Ion Ratio Lower Upper
240 100
120 11.1 10.4 15.6
236 25.5 20.4 30.6





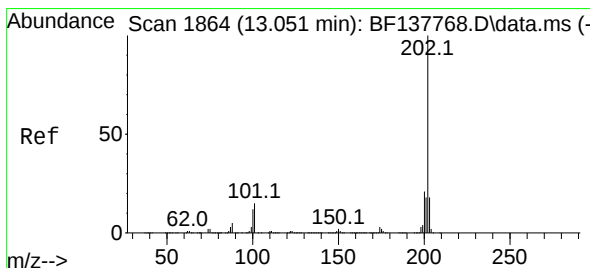
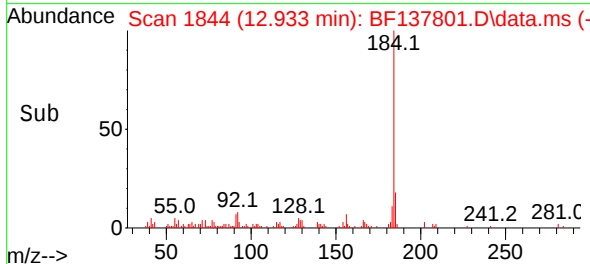
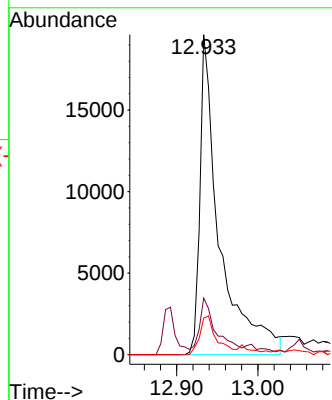
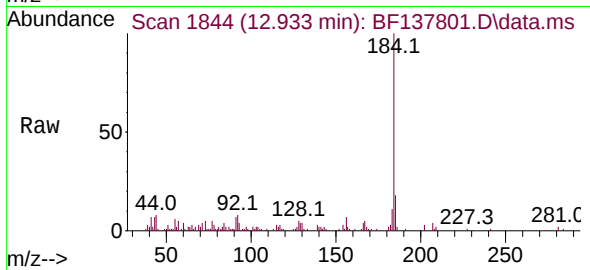
#77
Benzidine
Concen: 3.607 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:184 Resp: 33004
Ion Ratio Lower Upper
184 100
185 17.7 12.3 18.5
183 11.4 9.2 13.8

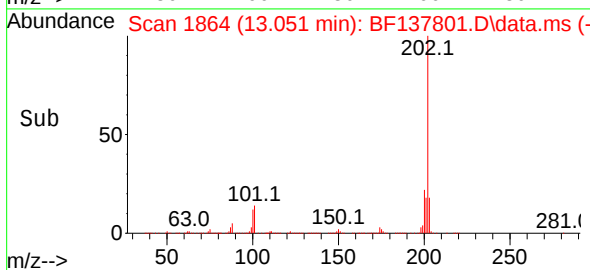
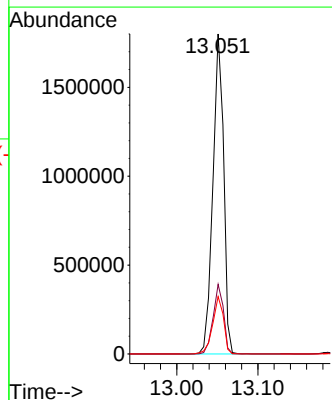
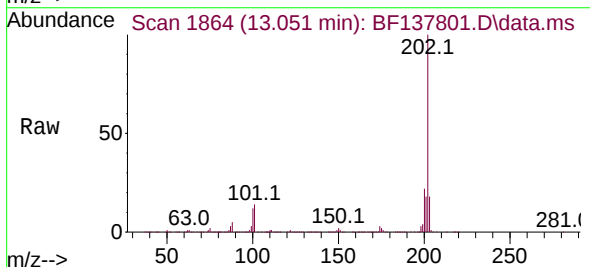
Manual Integrations
APPROVED

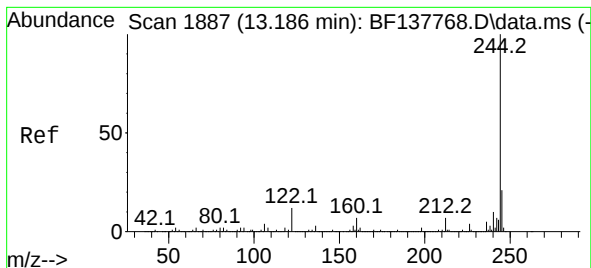
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#78
Pyrene
Concen: 52.400 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Tgt Ion:202 Resp: 1643928
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 103.811 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BF137801.D

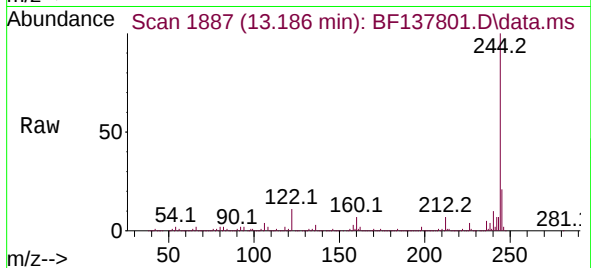
Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS



Tgt Ion:244 Resp: 245103

Ion Ratio Lower Upper

244 100

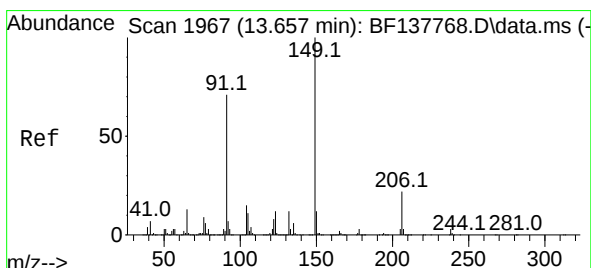
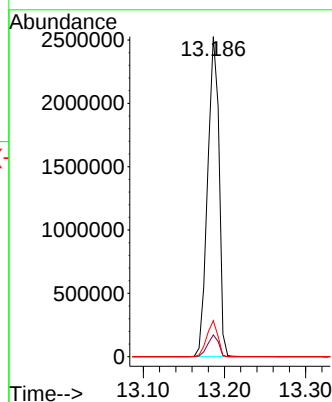
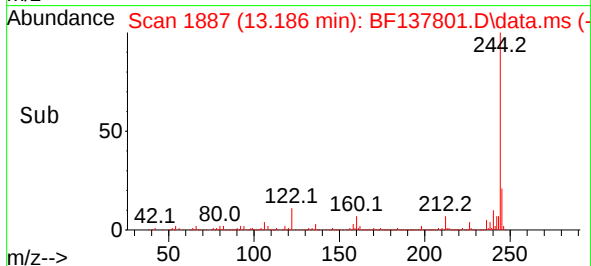
212 6.8 5.5 8.3

122 11.2 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#80

Butylbenzylphthalate

Concen: 62.426 ng

RT: 13.657 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

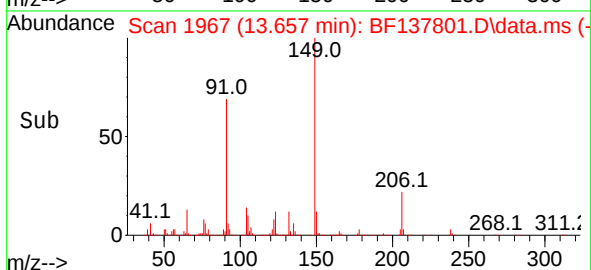
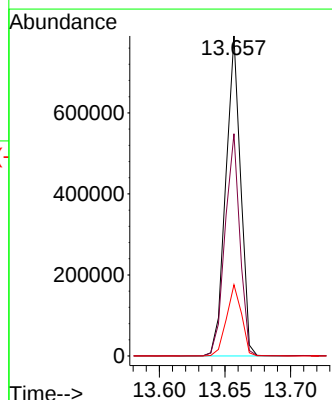
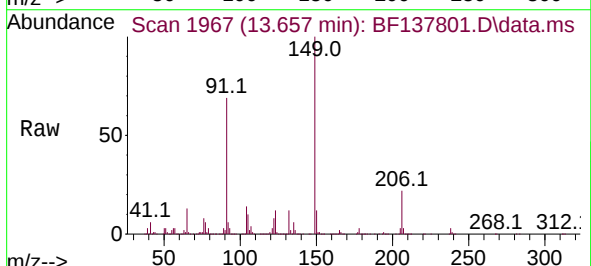
Tgt Ion:149 Resp: 621388

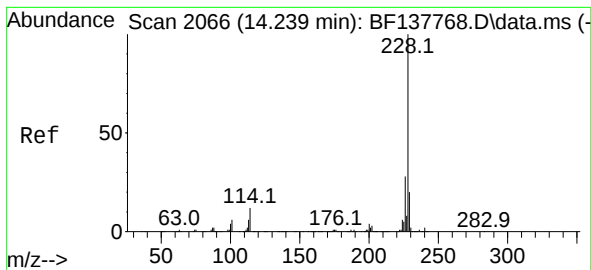
Ion Ratio Lower Upper

149 100

91 69.4 56.8 85.2

206 22.3 17.8 26.8





#81

Benzo(a)anthracene

Concen: 48.095 ng

RT: 14.239 min Scan# 2066

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:228 Resp: 121715

Ion Ratio Lower Upper

228 100

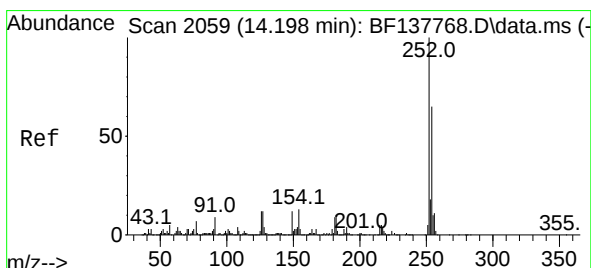
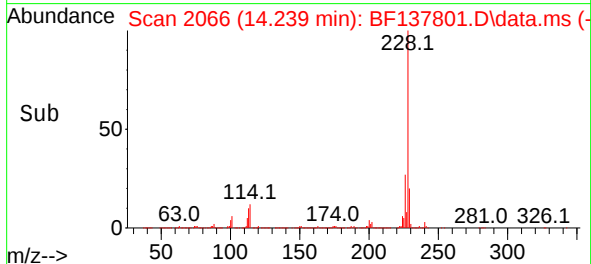
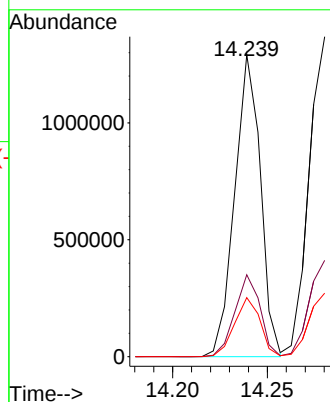
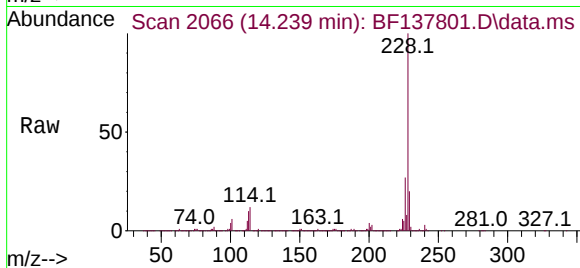
226 27.1 22.2 33.2

229 19.5 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#82

3,3'-Dichlorobenzidine

Concen: 2.635 ng

RT: 14.198 min Scan# 2059

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

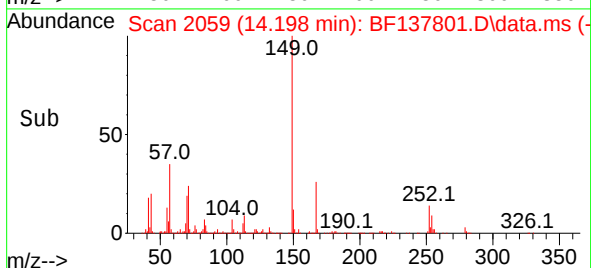
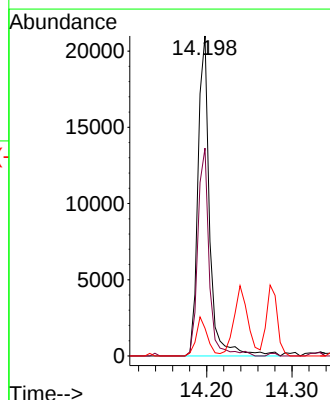
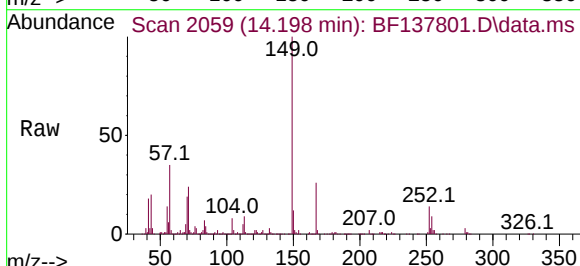
Tgt Ion:252 Resp: 19961

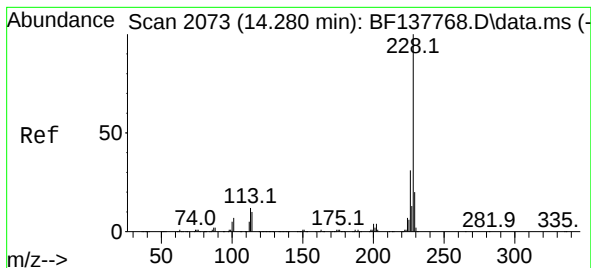
Ion Ratio Lower Upper

252 100

254 64.9 51.7 77.5

126 8.6 9.7 14.5#





#83

Chrysene

Concen: 48.843 ng

RT: 14.280 min Scan# 2073

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:228 Resp: 115738

Ion Ratio Lower Upper

228 100

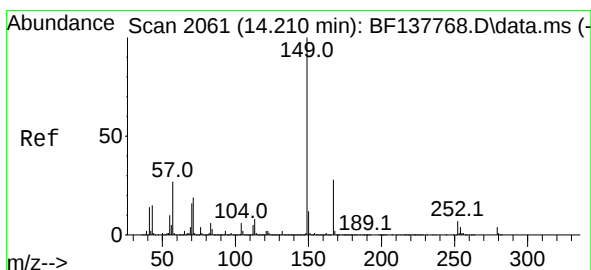
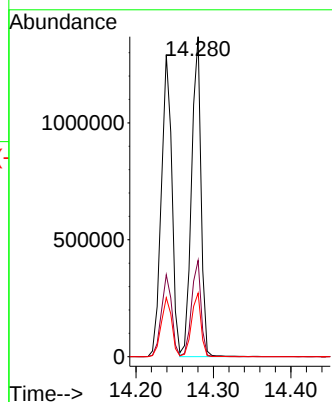
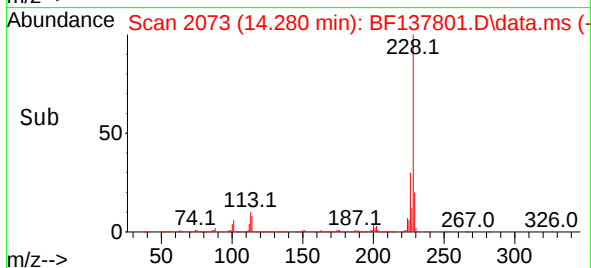
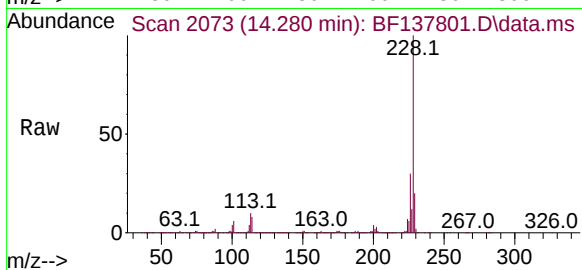
226 30.1 24.8 37.2

229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.733 ng

RT: 14.210 min Scan# 2061

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

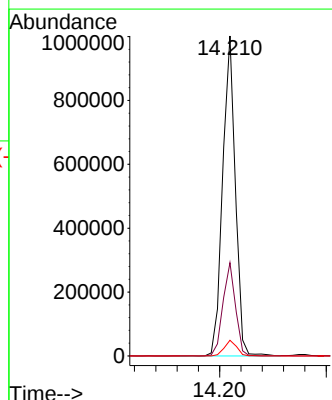
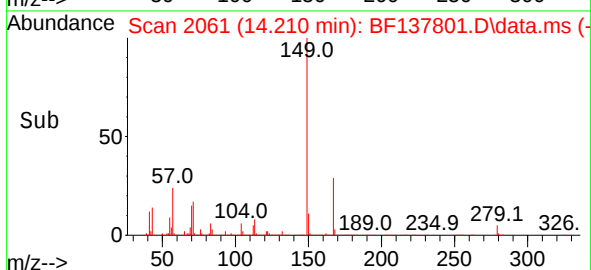
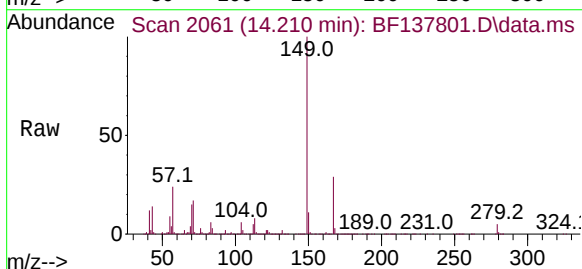
Tgt Ion:149 Resp: 824618

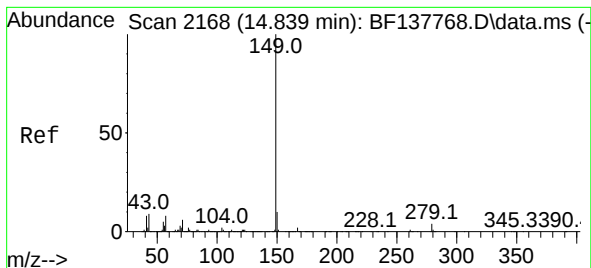
Ion Ratio Lower Upper

149 100

167 29.1 22.4 33.6

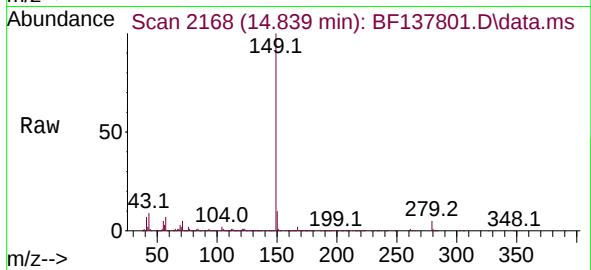
279 4.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 72.034 ng
RT: 14.839 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

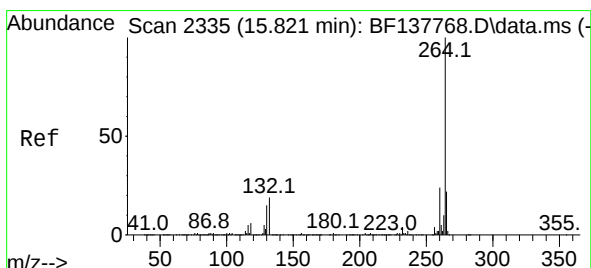
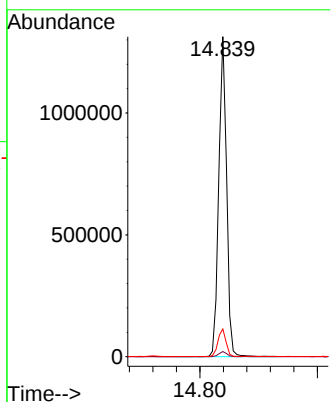
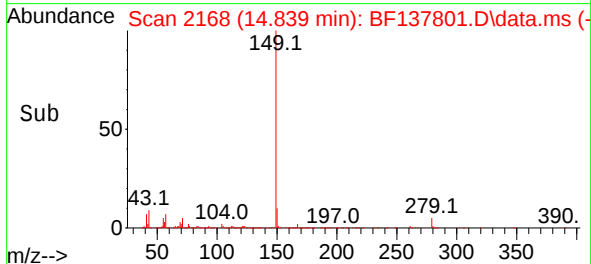
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:149 Resp: 1216150
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.5 11.3

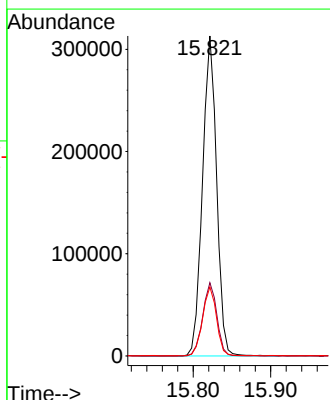
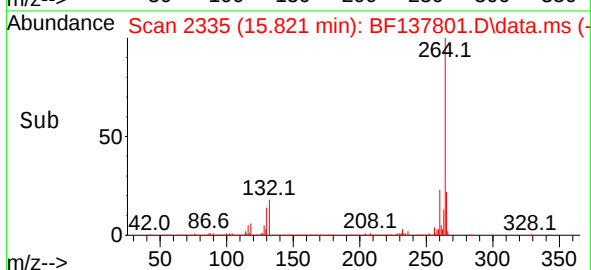
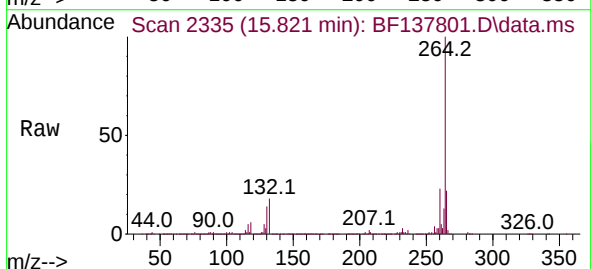
Manual Integrations
APPROVED

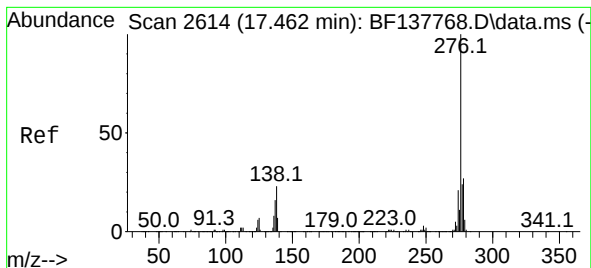
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.821 min Scan# 2335
Delta R.T. 0.000 min
Lab File: BF137801.D
Acq: 01 May 2024 19:55

Tgt Ion:264 Resp: 395938
Ion Ratio Lower Upper
264 100
260 22.9 18.9 28.3
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.326 ng

RT: 17.468 min Scan# 2614

Delta R.T. 0.006 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:276 Resp: 120038

Ion Ratio Lower Upper

276 100

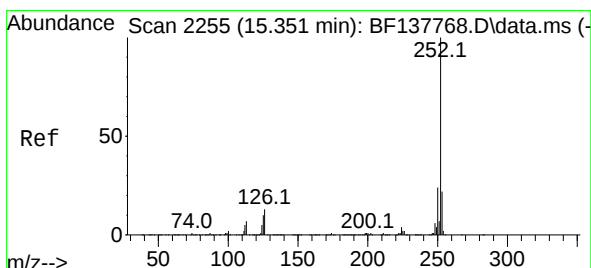
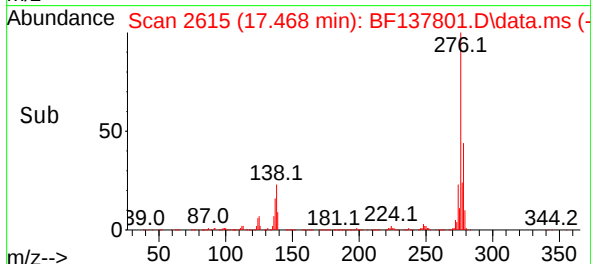
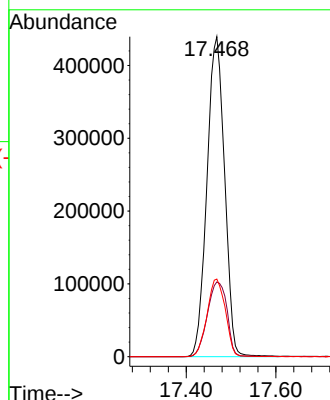
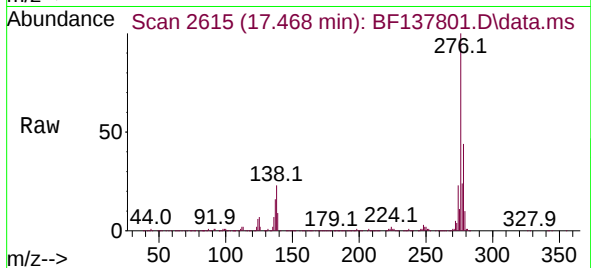
138 25.9 21.4 32.0

277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#88

Benzo(b)fluoranthene

Concen: 44.907 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

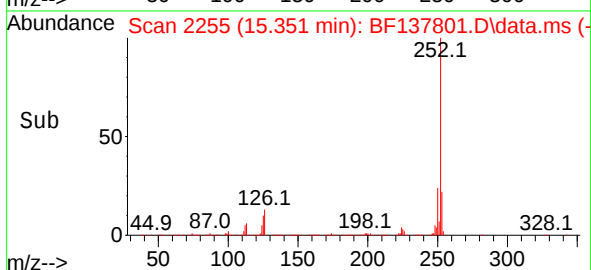
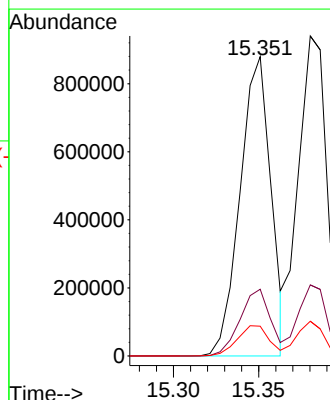
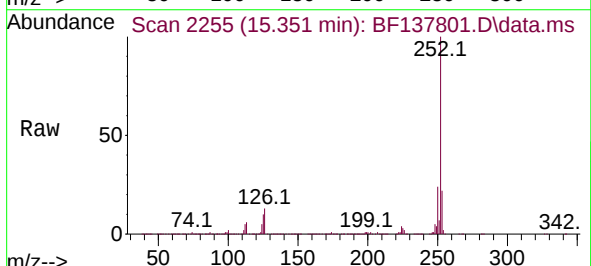
Tgt Ion:252 Resp: 1106246

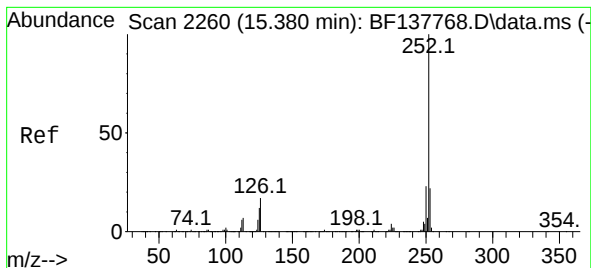
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 45.920 ng

RT: 15.380 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF137801.D

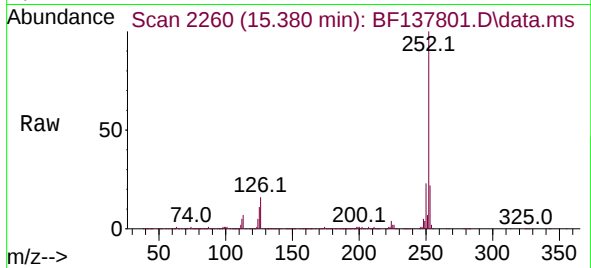
Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-1MS



Tgt Ion:252 Resp: 109335

Ion Ratio Lower Upper

252 100

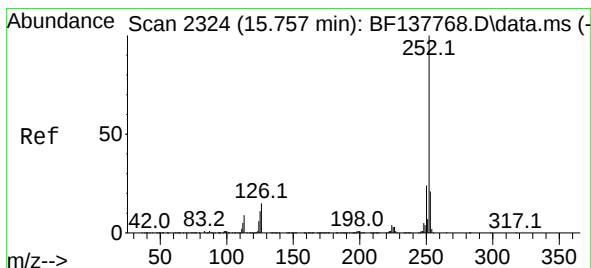
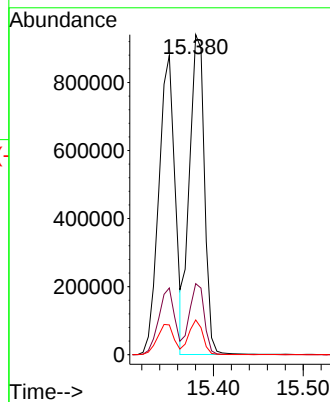
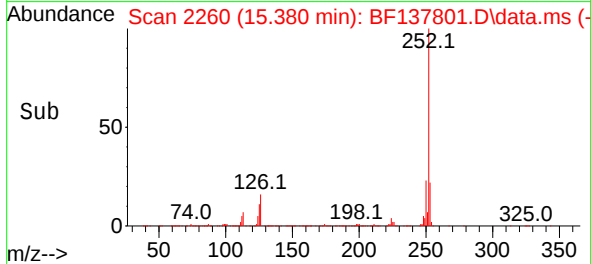
253 22.2 17.5 26.3

125 10.9 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#90

Benzo(a)pyrene

Concen: 50.319 ng

RT: 15.757 min Scan# 2324

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

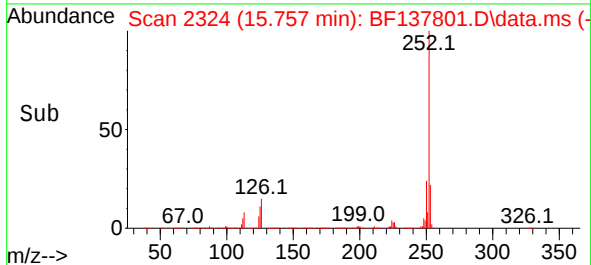
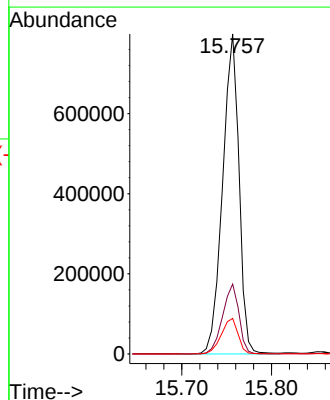
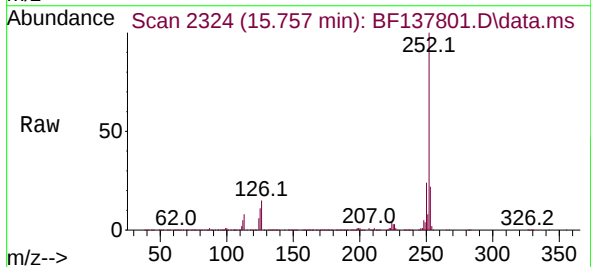
Tgt Ion:252 Resp: 1011273

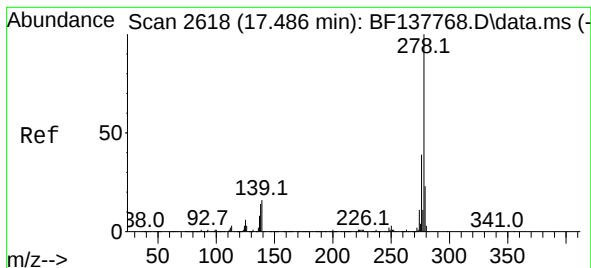
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 11.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 52.686 ng

RT: 17.486 min Scan# 2700

Delta R.T. 0.000 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

Instrument :

BNA_F

ClientSampleId :

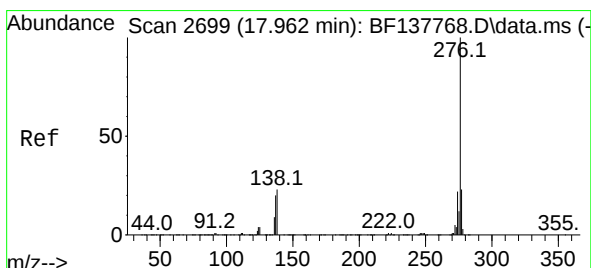
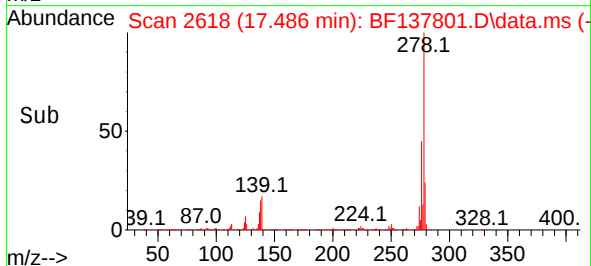
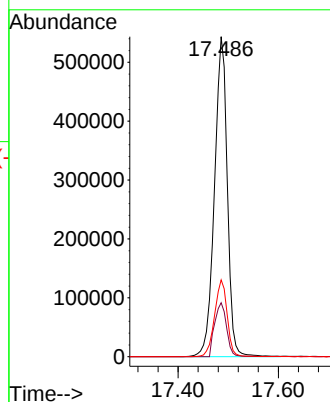
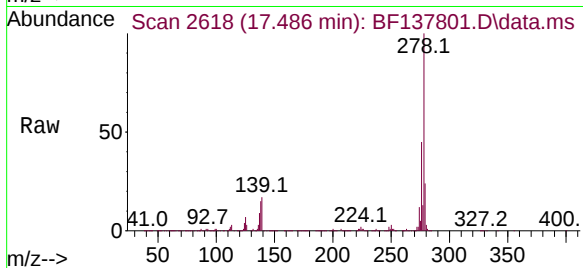
WC-1MS

Tgt Ion:278	Resp: 96535
Ion Ratio	Lower Upper
278	100
139	16.9 13.0 19.6
279	24.0 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#92

Benzo(g,h,i)perylene

Concen: 46.922 ng

RT: 17.968 min Scan# 2700

Delta R.T. 0.006 min

Lab File: BF137801.D

Acq: 01 May 2024 19:55

Tgt Ion:276	Resp: 901284
Ion Ratio	Lower Upper
276	100
277	24.4 18.0 27.0
138	22.9 18.1 27.1

