

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140880.D
 Acq On : 17 Dec 2024 13:01
 Operator : RC/JU
 Sample : P5239-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 13:48:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	52137	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	197068	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	108708	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	196074	20.000	ng	0.00
76) Chrysene-d12	14.021	240	151657	20.000	ng	-0.01
86) Perylene-d12	15.510	264	157034	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	449566	141.947	ng	0.02
7) Phenol-d6	6.504	99	558956	133.246	ng	0.00
23) Nitrobenzene-d5	7.416	82	400984	101.801	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	190871	148.456	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	809398	102.366	ng	0.00
79) Terphenyl-d14	12.957	244	881881	91.694	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	54515	39.961	ng	# 82
3) Pyridine	3.546	79	94078	29.778	ng	98
4) n-Nitrosodimethylamine	3.452	42	74560	46.815	ng	99
6) Aniline	6.528	93	50901	14.192	ng	# 69
8) 2-Chlorophenol	6.645	128	172703	50.004	ng	99
9) Benzaldehyde	6.428	77	5456	2.347	ng	97
10) Phenol	6.516	94	197691	45.470	ng	82
11) bis(2-Chloroethyl)ether	6.587	93	163054	50.289	ng	99
12) 1,3-Dichlorobenzene	6.793	146	174078	44.233	ng	98
13) 1,4-Dichlorobenzene	6.869	146	179265	44.874	ng	100
14) 1,2-Dichlorobenzene	7.022	146	170407	45.211	ng	97
15) Benzyl Alcohol	7.004	79	157724	52.586	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	199651	52.271	ng	94
17) 2-Methylphenol	7.116	107	139412	50.559	ng	97
18) Hexachloroethane	7.357	117	66754	44.887	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	125746	49.972	ng	100
20) 3+4-Methylphenols	7.275	107	183971	50.315	ng	# 82
22) Acetophenone	7.263	105	250532	50.821	ng	97
24) Nitrobenzene	7.434	77	189987	47.082	ng	99
25) Isophorone	7.675	82	339384	51.423	ng	99
26) 2-Nitrophenol	7.751	139	93195	50.145	ng	99
27) 2,4-Dimethylphenol	7.792	122	137849	63.511	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	208526	50.587	ng	99
29) 2,4-Dichlorophenol	8.004	162	150856	50.343	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	156877	45.669	ng	99
31) Naphthalene	8.151	128	519041	47.948	ng	99
32) Benzoic acid	7.934	122	96716	46.984	ng	99
33) 4-Chloroaniline	8.210	127	39993	11.124	ng	96
34) Hexachlorobutadiene	8.257	225	104264	45.114	ng	99
35) Caprolactam	8.581	113	35738m	40.061	ng	
36) 4-Chloro-3-methylphenol	8.698	107	161522	47.892	ng	98
37) 2-Methylnaphthalene	8.839	142	353017	49.298	ng	99
38) 1-Methylnaphthalene	8.939	142	327118	46.190	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	176155	52.721	ng	99
41) Hexachlorocyclopentadiene	8.986	237	93098	78.480	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	107504	52.545	ng	99

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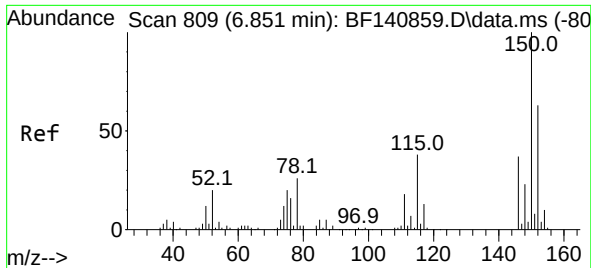
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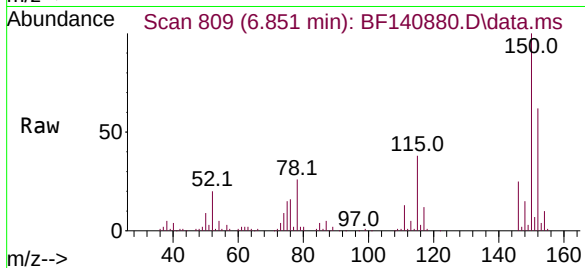
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	111557	49.608	ng	99
46) 1,1'-Biphenyl	9.304	154	451076	52.182	ng	99
47) 2-Chloronaphthalene	9.334	162	334882	50.640	ng	100
48) 2-Nitroaniline	9.434	65	98525	49.331	ng	99
49) Acenaphthylene	9.745	152	542600	55.833	ng	99
50) Dimethylphthalate	9.604	163	393938	51.400	ng	100
51) 2,6-Dinitrotoluene	9.675	165	84498	48.227	ng	95
52) Acenaphthene	9.916	154	329223	53.033	ng	99
53) 3-Nitroaniline	9.851	138	30700	17.656	ng	98
54) 2,4-Dinitrophenol	9.969	184	86907	99.888	ng	97
55) Dibenzofuran	10.092	168	500977	52.080	ng	100
56) 4-Nitrophenol	10.033	139	75888	81.075	ng	87
57) 2,4-Dinitrotoluene	10.086	165	112469	48.787	ng	97
58) Fluorene	10.433	166	403603	50.858	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	97784	53.364	ng	98
60) Diethylphthalate	10.304	149	404643	50.915	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	202982	50.919	ng	99
62) 4-Nitroaniline	10.463	138	71928	39.586	ng	100
63) Azobenzene	10.580	77	376056	50.332	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	62215	55.996	ng	98
66) n-Nitrosodiphenylamine	10.545	169	318263	52.794	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	120607	54.983	ng	99
68) Hexachlorobenzene	10.980	284	133691	53.756	ng	97
69) Atrazine	11.069	200	64701	38.429	ng	99
70) Pentachlorophenol	11.186	266	104724	115.174	ng	98
71) Phenanthrene	11.398	178	547723	54.322	ng	100
72) Anthracene	11.451	178	561988	56.597	ng	99
73) Carbazole	11.610	167	468880	48.209	ng	100
74) Di-n-butylphthalate	11.927	149	625136	54.767	ng	100
75) Fluoranthene	12.592	202	611023	52.619	ng	99
77) Benzidine	12.722	184	7932	2.563	ng	# 92
78) Pyrene	12.822	202	630095	46.721	ng	99
80) Butylbenzylphthalate	13.427	149	268226	54.053	ng	99
81) Benzo(a)anthracene	14.010	228	601634	55.974	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	62764	19.354	ng	97
83) Chrysene	14.051	228	517021	52.898	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	389548	60.881	ng	99
85) Di-n-octyl phthalate	14.604	149	683147	70.572	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	636360	64.938	ng	100
88) Benzo(b)fluoranthene	15.080	252	596699	54.741	ng	99
89) Benzo(k)fluoranthene	15.104	252	531024	56.791	ng	99
90) Benzo(a)pyrene	15.451	252	510229	59.778	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	530320	65.323	ng	99
92) Benzo(g,h,i)perylene	17.468	276	500439	60.566	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BF140880.D
 Acq: 17 Dec 2024 13:01

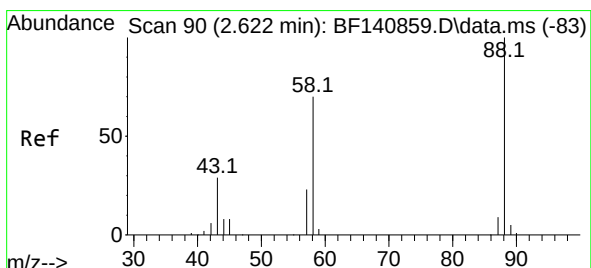
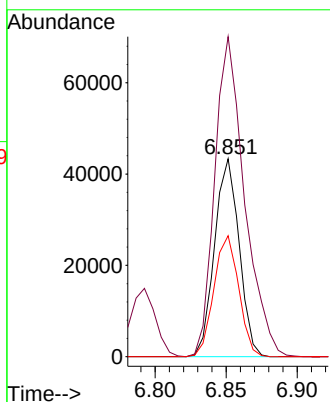
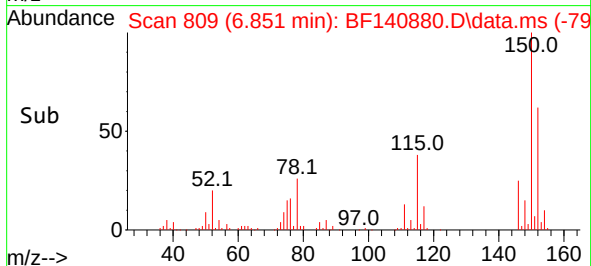
Instrument :
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 ClientSampleId :
 WC-1MS



Tgt Ion:152 Resp: 5213
 Ion Ratio Lower Upper
 152 100
 150 161.7 127.9 191.9
 115 61.1 48.0 72.0

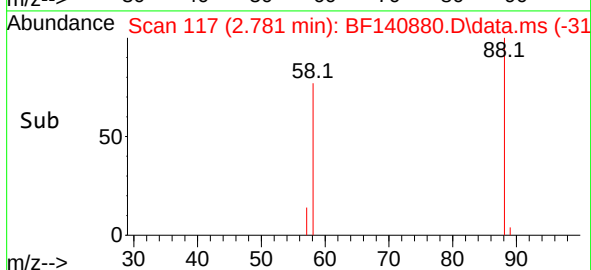
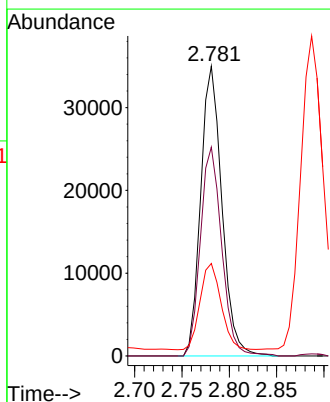
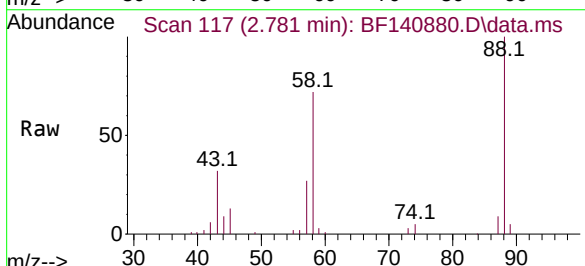
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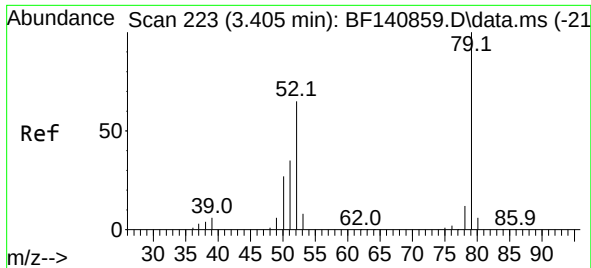
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024



#2
 1,4-Dioxane
 Concen: 39.961 ng
 RT: 2.781 min Scan# 117
 Delta R.T. 0.159 min
 Lab File: BF140880.D
 Acq: 17 Dec 2024 13:01

Tgt Ion: 88 Resp: 54515
 Ion Ratio Lower Upper
 88 100
 58 72.4 55.8 83.8
 43 0.0 22.7 34.1#





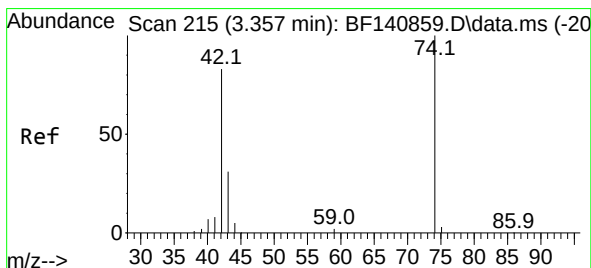
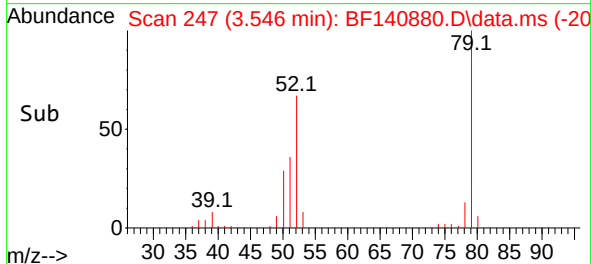
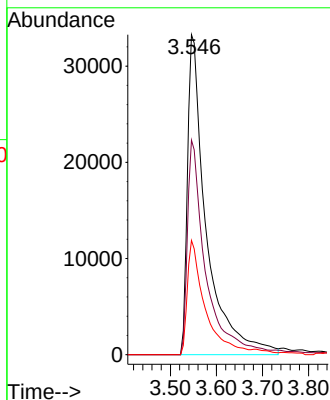
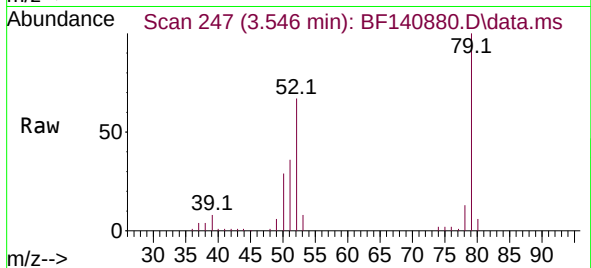
#3
Pyridine
Concen: 29.778 ng
RT: 3.546 min Scan# 247
Delta R.T. 0.141 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion: 79 Resp: 94078
Ion Ratio Lower Upper
79 100
52 67.0 51.7 77.5
51 35.7 28.2 42.4

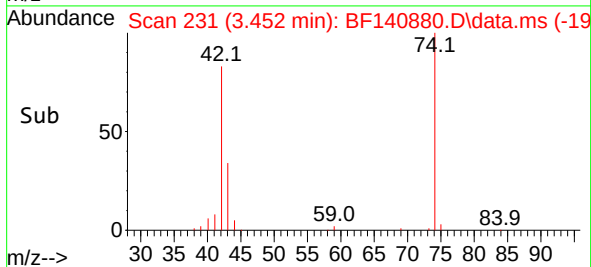
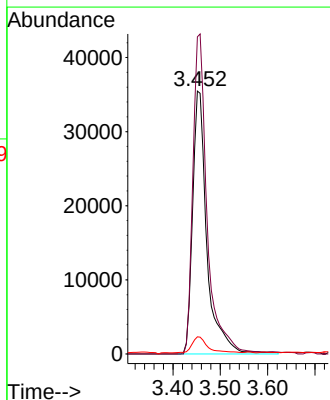
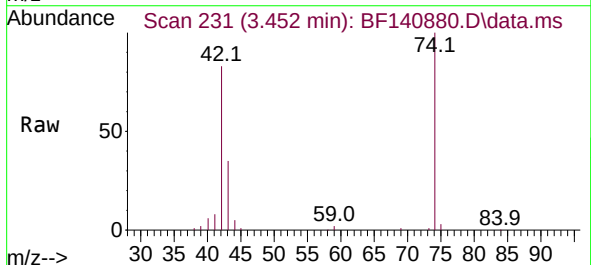
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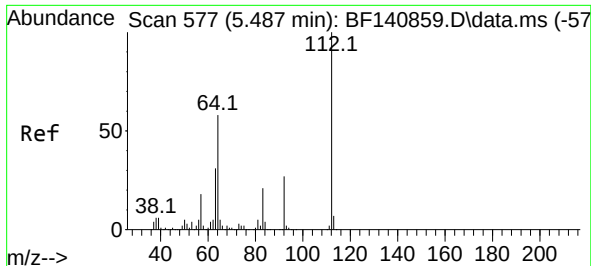
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#4
n-Nitrosodimethylamine
Concen: 46.815 ng
RT: 3.452 min Scan# 231
Delta R.T. 0.094 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

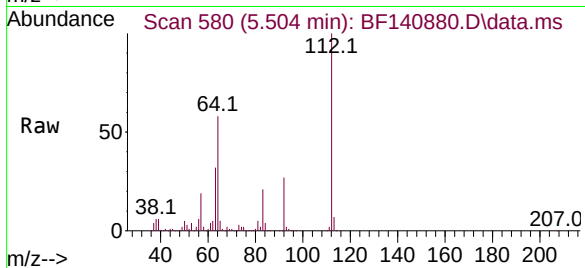
Tgt Ion: 42 Resp: 74560
Ion Ratio Lower Upper
42 100
74 120.6 96.9 145.3
44 6.5 4.4 6.6





#5
2-Fluorophenol
Concen: 141.947 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

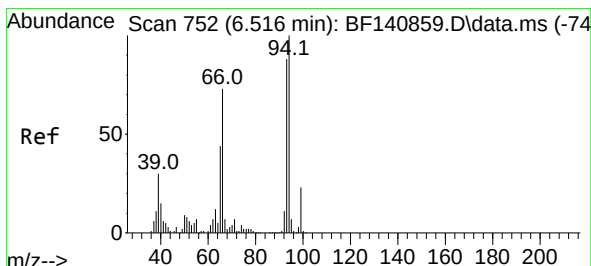
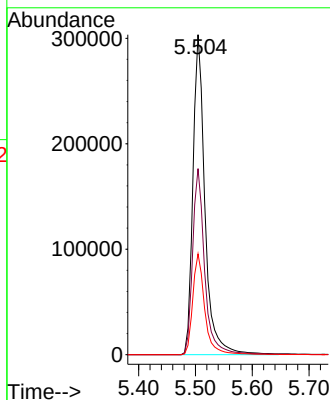
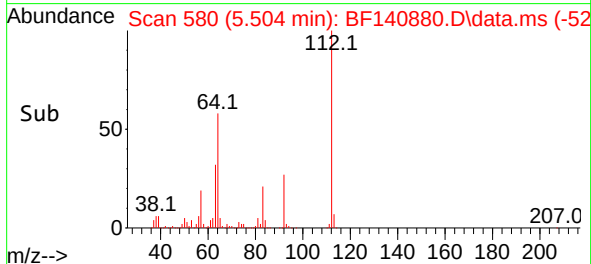
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 449560
Ion Ratio Lower Upper
112 100
64 58.2 46.1 69.1
63 31.5 24.9 37.3

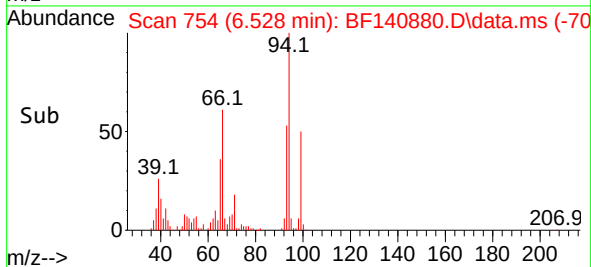
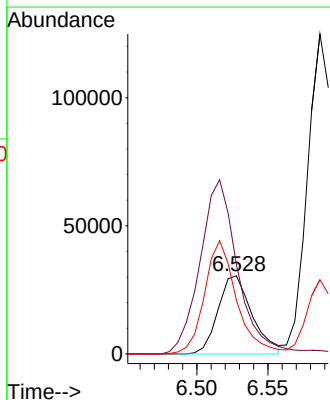
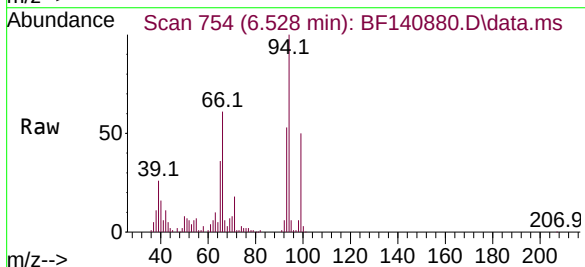
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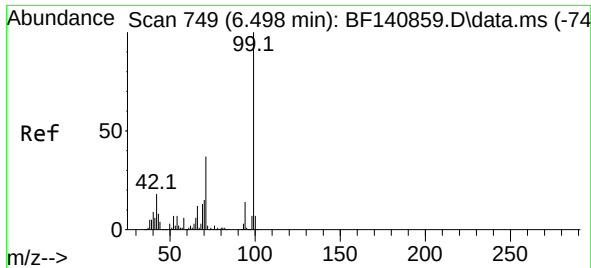
Reviewed By :Yogesh Patel 12/18/2024
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#6
Aniline
Concen: 14.192 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

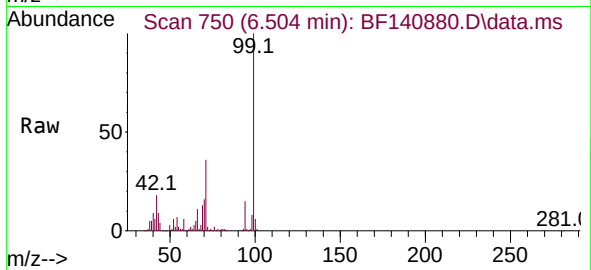
Tgt Ion: 93 Resp: 50901
Ion Ratio Lower Upper
93 100
66 114.5 67.0 100.4#
65 68.8 40.4 60.6#





#7
Phenol-d6
Concen: 133.246 ng
RT: 6.504 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

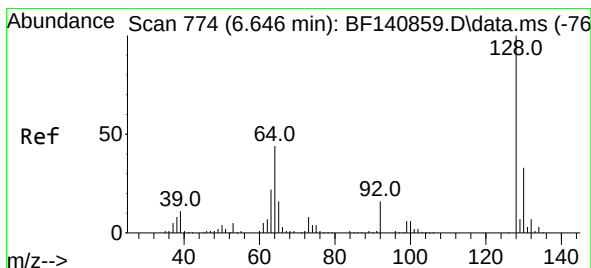
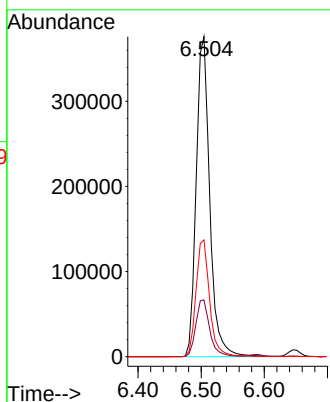
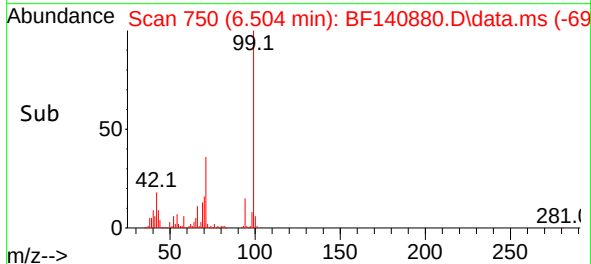
Instrument :
BNA_F
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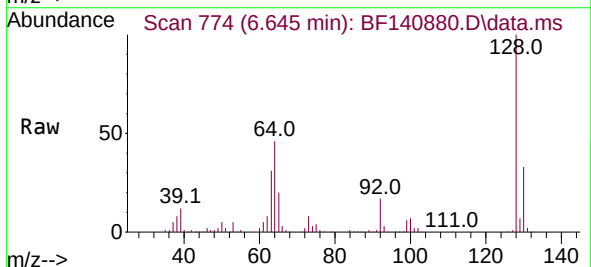
Tgt Ion: 99 Resp: 558950
Ion Ratio Lower Upper
99 100
42 17.8 14.3 21.5
71 36.5 29.9 44.9

Manual Integrations
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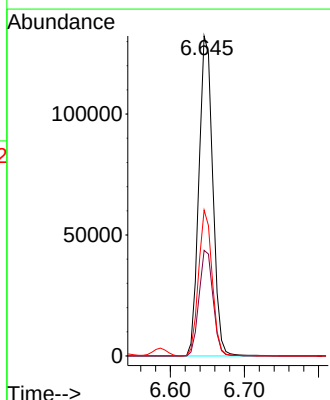
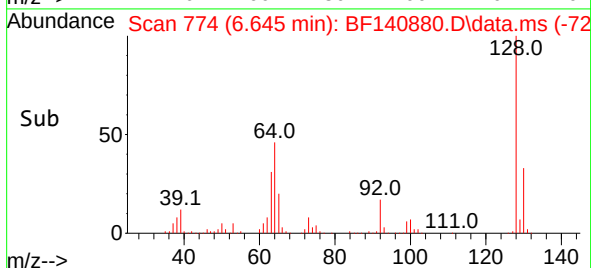
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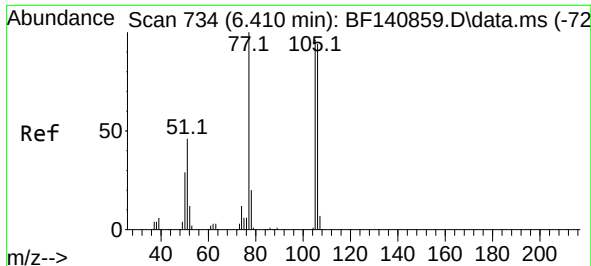


#8
2-Chlorophenol
Concen: 50.004 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



Tgt Ion:128 Resp: 172703
Ion Ratio Lower Upper
128 100
130 33.0 12.9 52.9
64 45.6 24.3 64.3





#9

Benzaldehyde

Concen: 2.347 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.018 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA_F

ClientSampleId :

WC-1MS

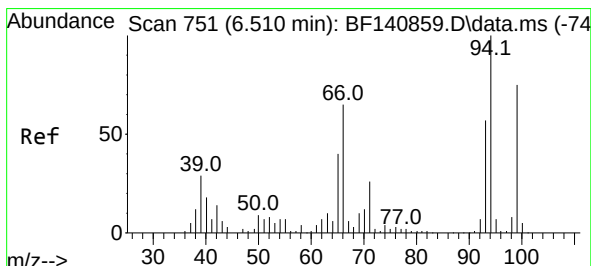
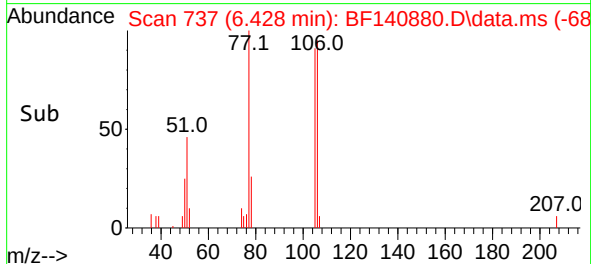
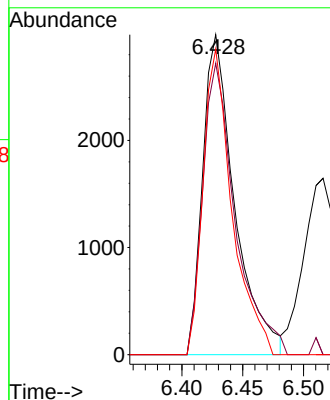
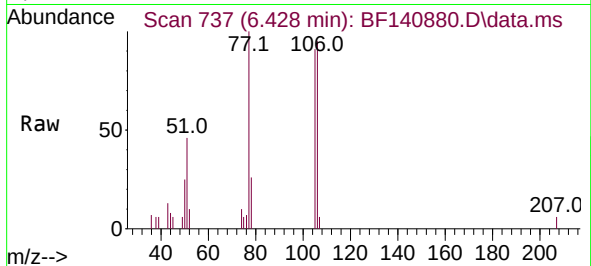
Tgt Ion: 77	Resp: 545
Ion Ratio	Lower Upper
77 100	
105 91.0	75.8 115.8
106 95.5	74.1 114.1

Manual Integrations

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#10

Phenol

Concen: 45.470 ng

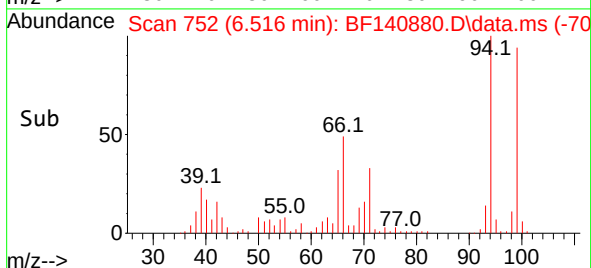
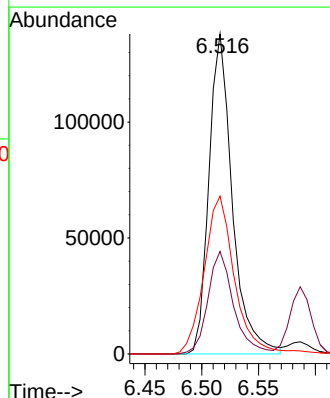
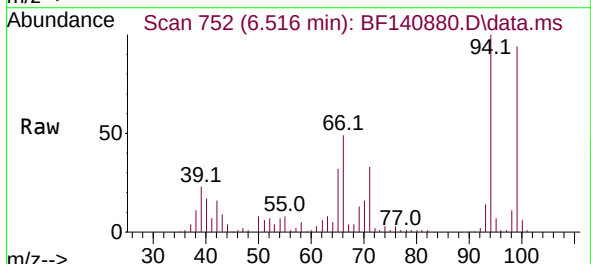
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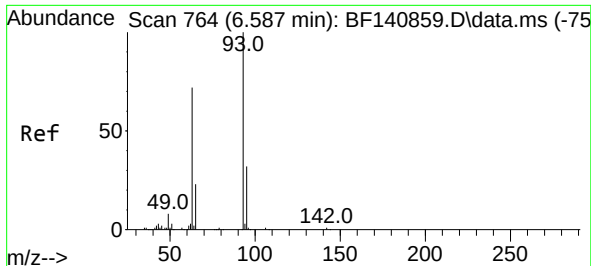
Delta R.T. 0.006 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

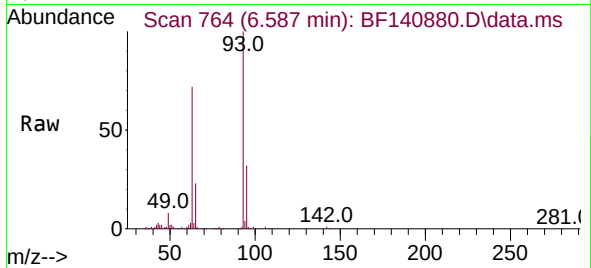
Tgt Ion: 94	Resp: 197691
Ion Ratio	Lower Upper
94 100	
65 32.1	19.9 59.9
66 49.3	45.6 85.6





#11
bis(2-Chloroethyl)ether
Concen: 50.289 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

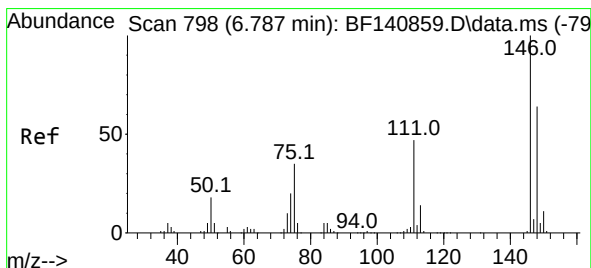
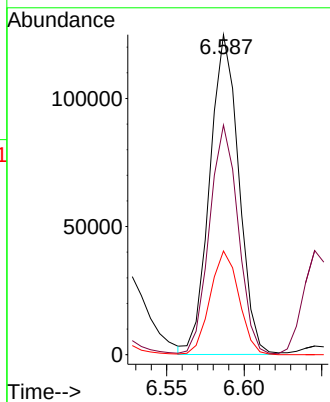
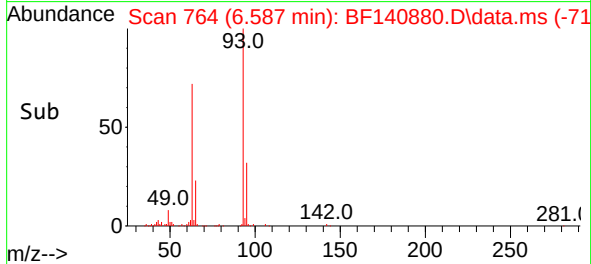
Instrument :
BNA_F
ClientSampleId :
WC-1MS



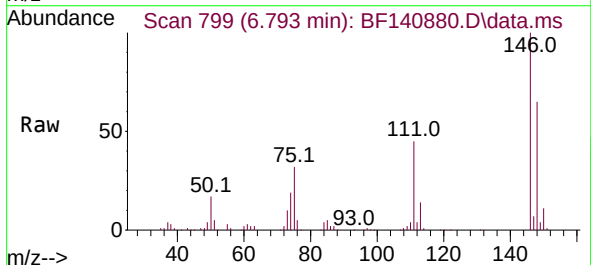
Tgt Ion: 93 Resp: 163054
Ion Ratio Lower Upper
93 100
63 71.8 51.0 91.0
95 32.4 12.0 52.0

Manual Integrations
APPROVED

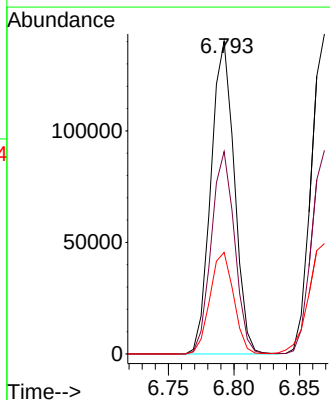
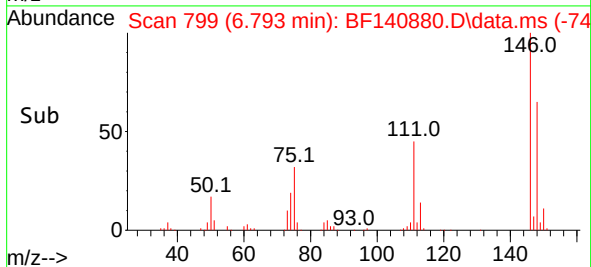
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

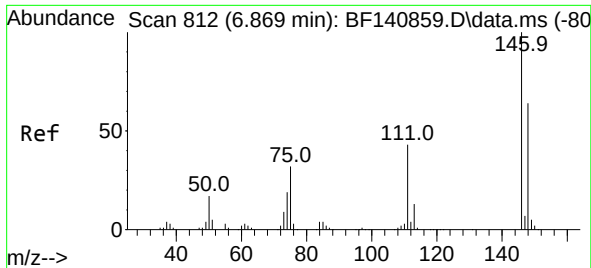


#12
1,3-Dichlorobenzene
Concen: 44.233 ng
RT: 6.793 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



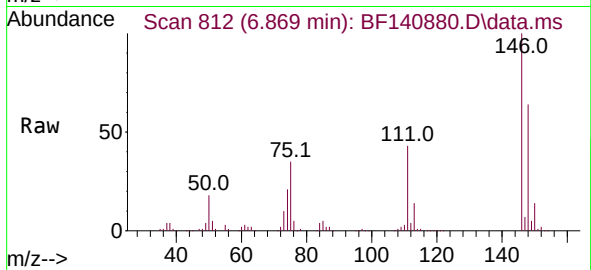
Tgt Ion:146 Resp: 174078
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.6
75 32.5 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 44.874 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

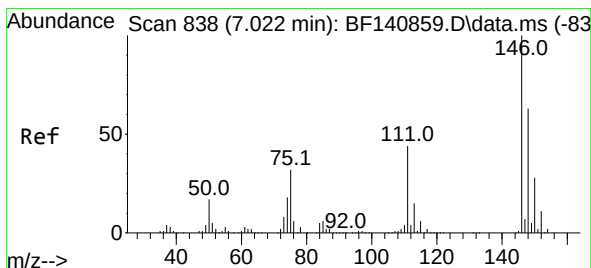
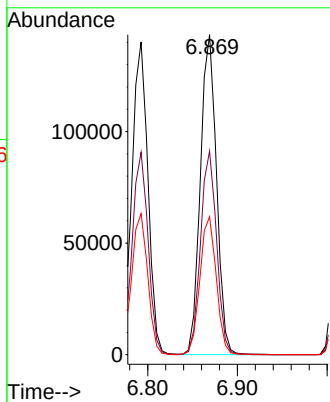
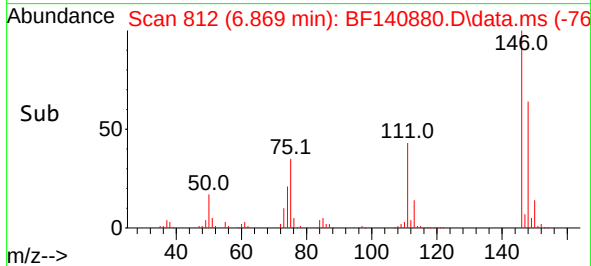
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:146 Resp: 17926
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
111 43.1 34.4 51.6

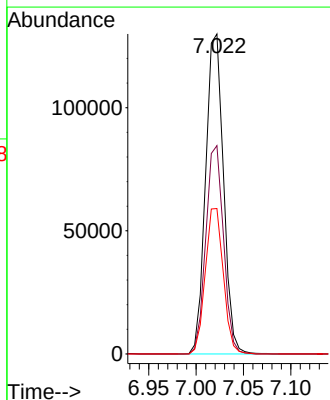
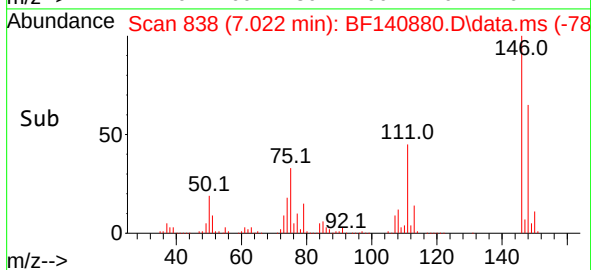
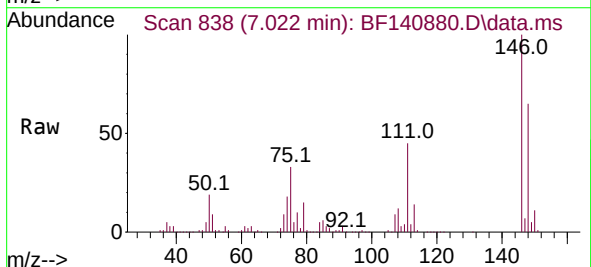
Manual Integrations
APPROVED

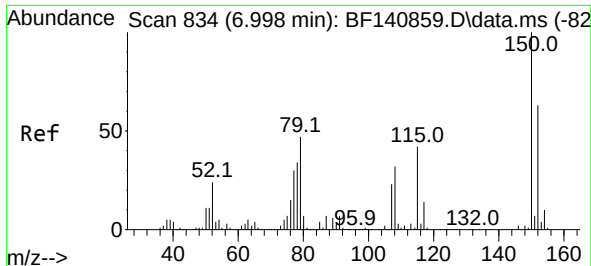
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#14
1,2-Dichlorobenzene
Concen: 45.211 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

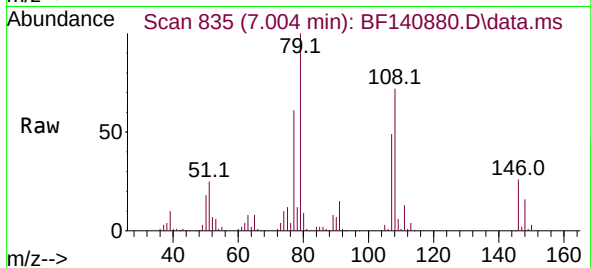
Tgt Ion:146 Resp: 170407
Ion Ratio Lower Upper
146 100
148 65.1 50.0 75.0
111 45.4 35.6 53.4





#15
Benzyl Alcohol
Concen: 52.586 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

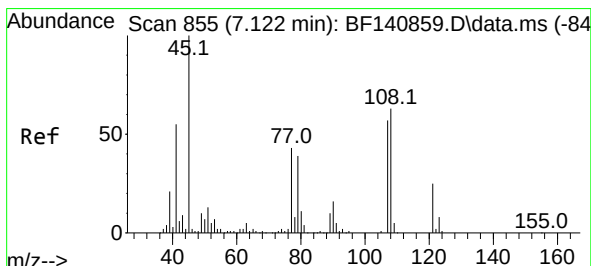
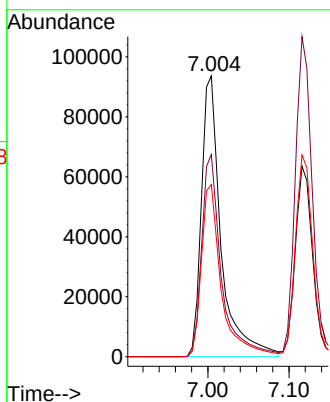
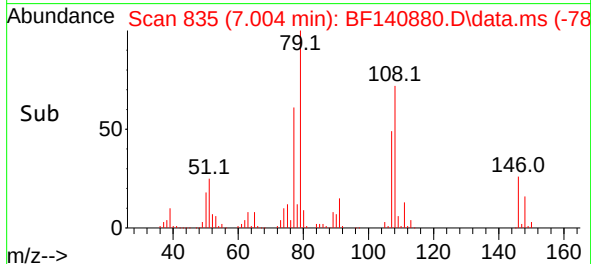
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion: 79 Resp: 157724
Ion Ratio Lower Upper
79 100
108 72.0 55.1 82.7
77 61.3 50.6 76.0

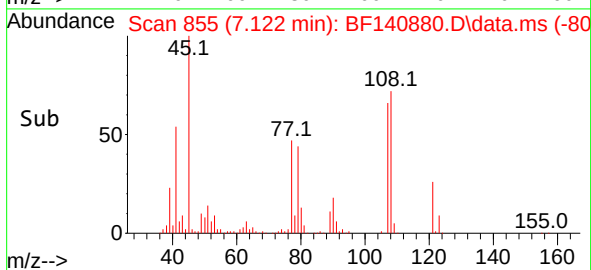
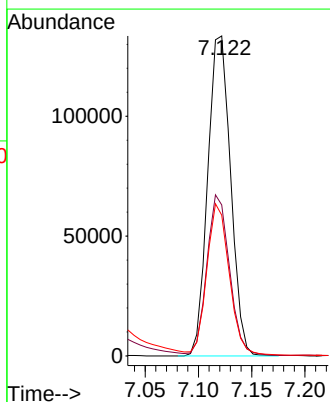
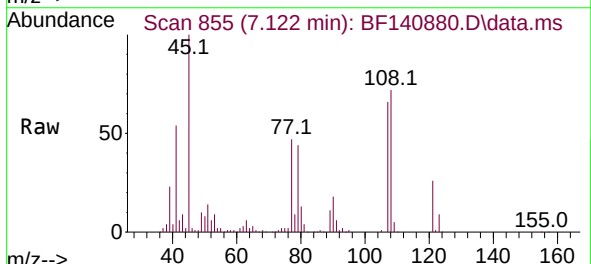
Manual Integrations
APPROVED

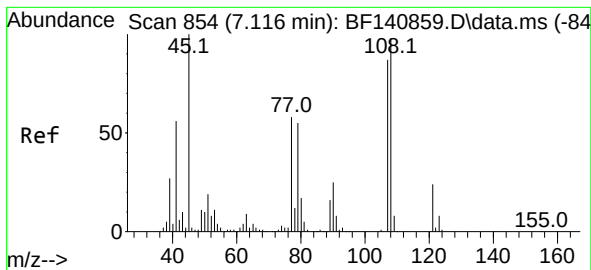
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.271 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Tgt Ion: 45 Resp: 199651
Ion Ratio Lower Upper
45 100
77 47.2 23.3 63.3
79 44.0 20.0 60.0





#17

2-Methylphenol

Concen: 50.559 ng

RT: 7.116 min Scan# 854

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:107 Resp: 13941

Ion Ratio Lower Upper

107 100

108 110.9 90.2 135.4

77 69.9 53.8 80.6

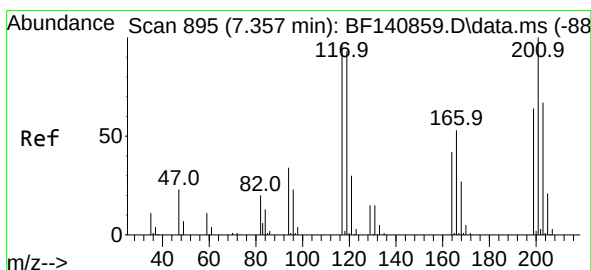
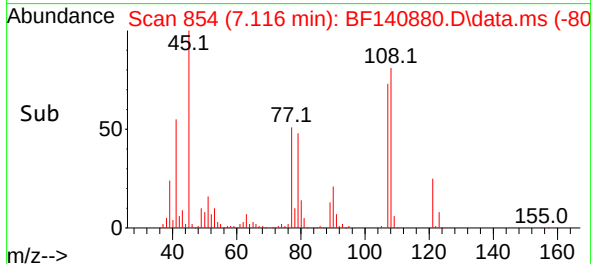
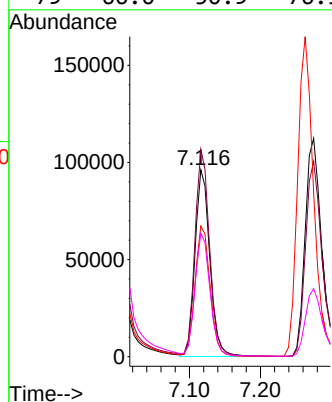
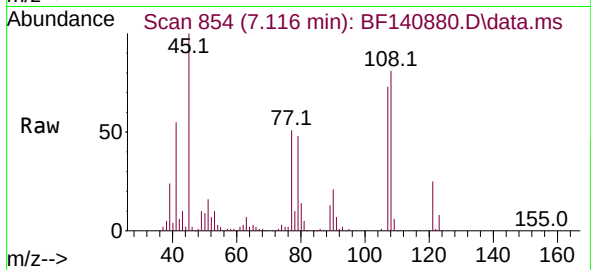
79 66.0 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#18

Hexachloroethane

Concen: 44.887 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

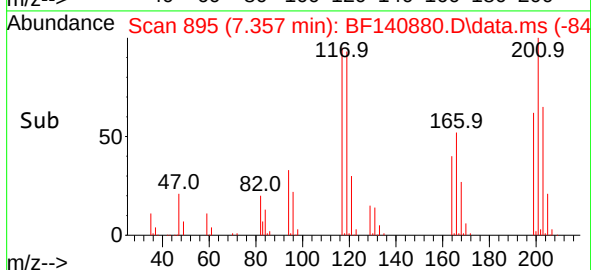
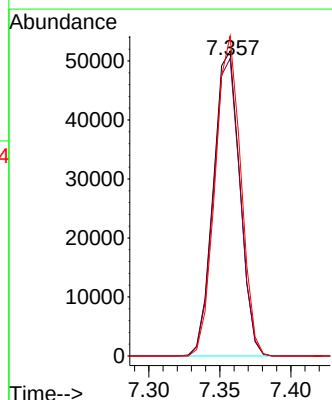
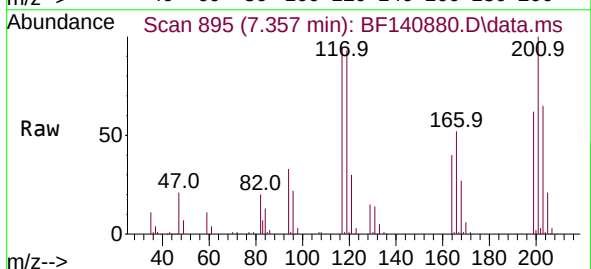
Tgt Ion:117 Resp: 66754

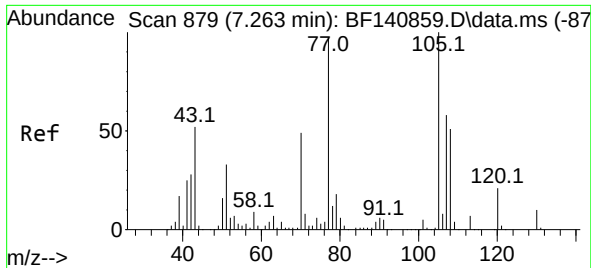
Ion Ratio Lower Upper

117 100

119 97.5 77.4 116.0

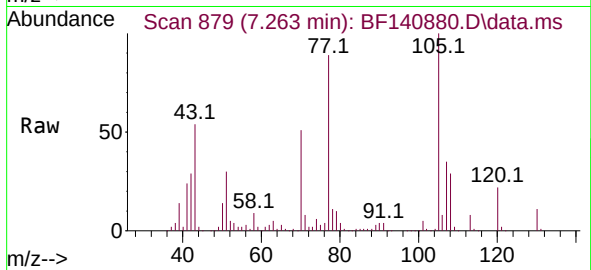
201 105.0 83.4 125.0





#19
n-Nitroso-di-n-propylamine
Concen: 49.972 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

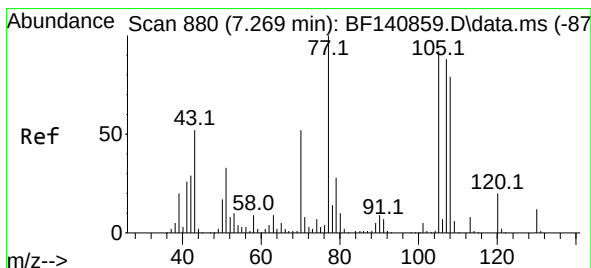
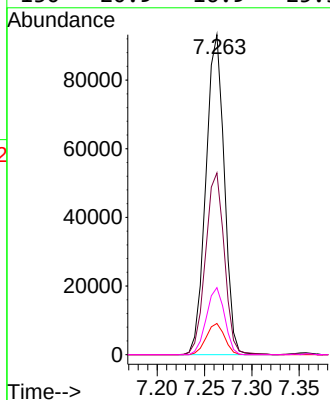
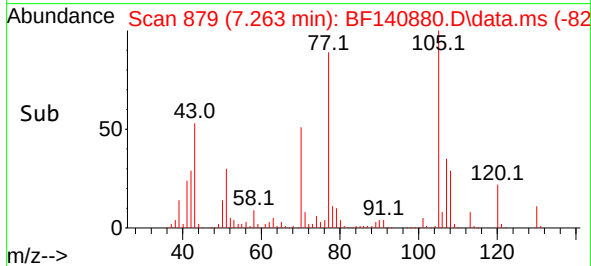
Instrument :
BNA_F
ClientSampleId :
WC-1MS



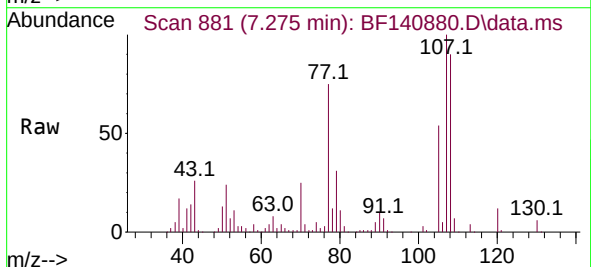
Tgt Ion: 70 Resp: 125740
Ion Ratio Lower Upper
70 100
42 56.8 45.3 67.9
101 9.8 8.0 12.0
130 20.9 16.9 25.3

Manual Integrations
APPROVED

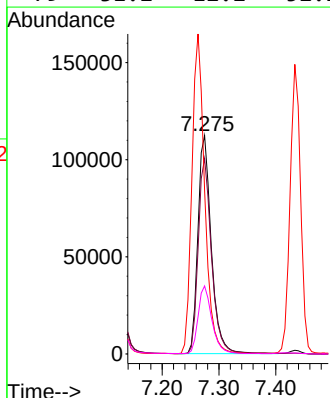
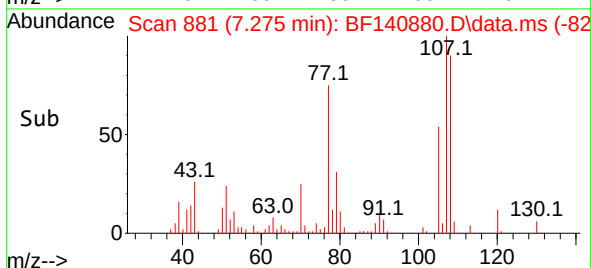
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

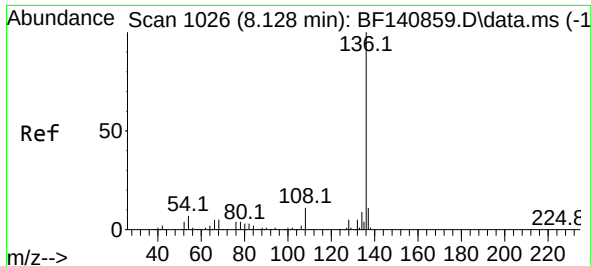


#20
3+4-Methylphenols
Concen: 50.315 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



Tgt Ion:107 Resp: 183971
Ion Ratio Lower Upper
107 100
108 89.5 70.1 110.1
77 74.9 94.4 134.4#
79 31.2 12.2 52.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Instrument :

BNA_F

ClientSampleId :

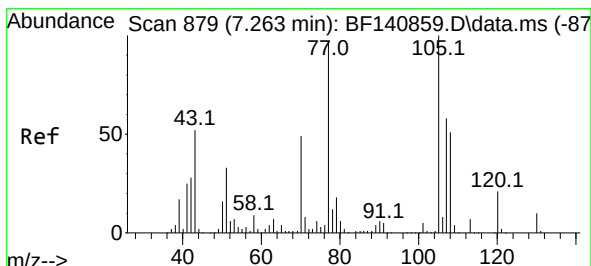
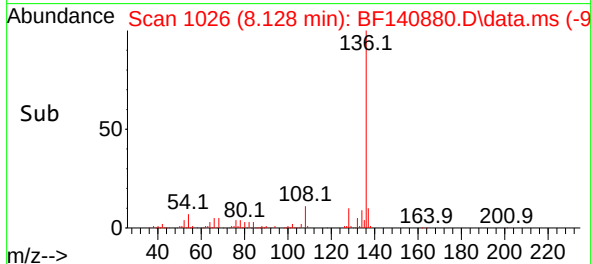
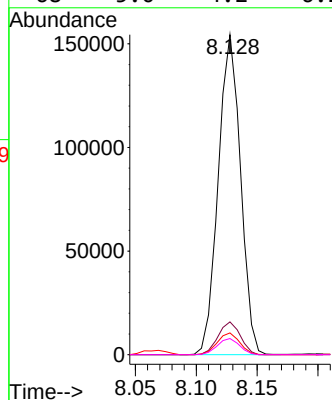
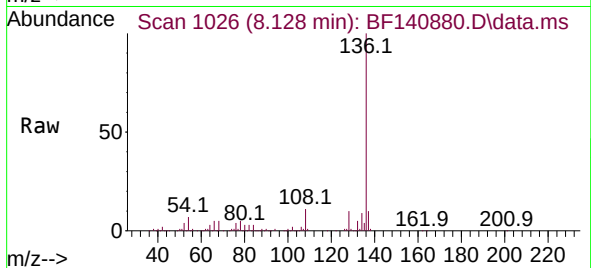
WC-1MS

Tgt Ion:136 Resp: 197068
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 6.8 5.6 8.4
68 5.0 4.2 6.2

Manual Integrations

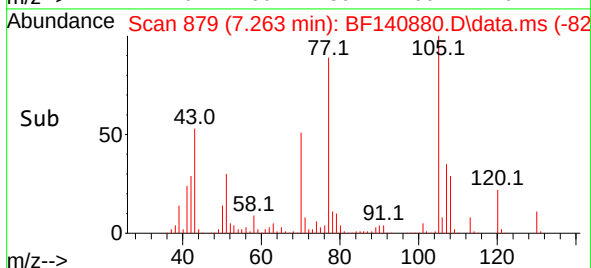
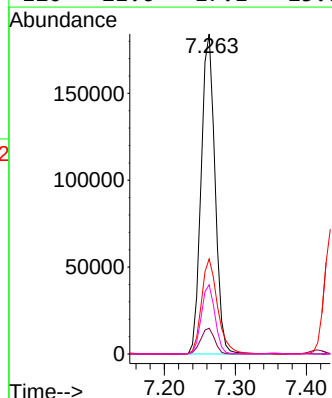
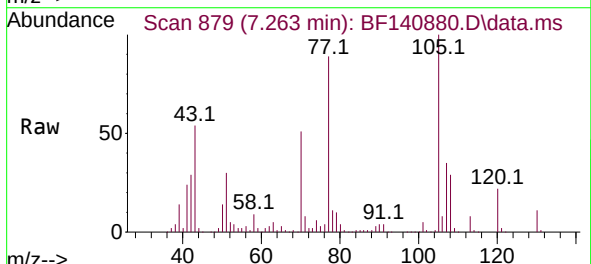
APPROVED

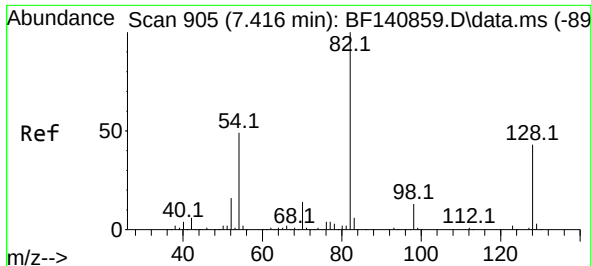
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#22
Acetophenone
Concen: 50.821 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Tgt Ion:105 Resp: 250532
Ion Ratio Lower Upper
105 100
71 8.1 6.2 9.4
51 29.7 26.3 39.5
120 21.6 17.1 25.7





#23

Nitrobenzene-d5

Concen: 101.801 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 82 Resp: 400984

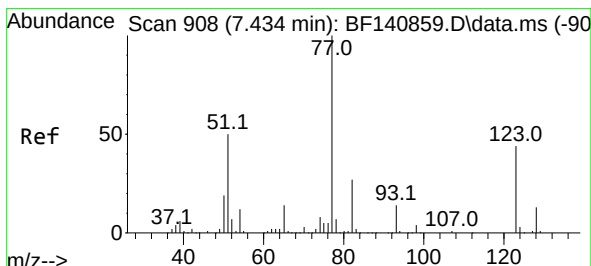
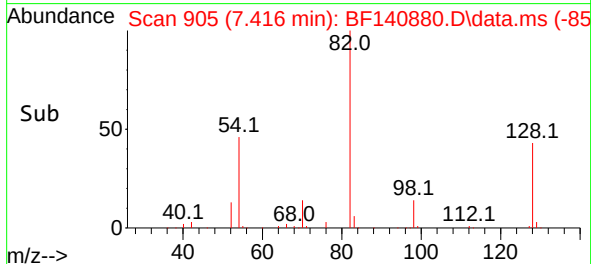
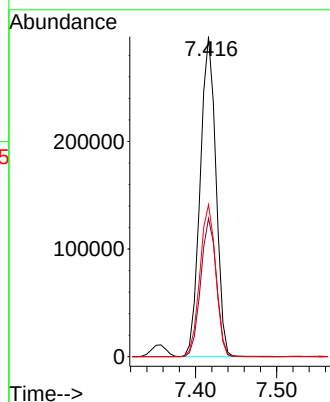
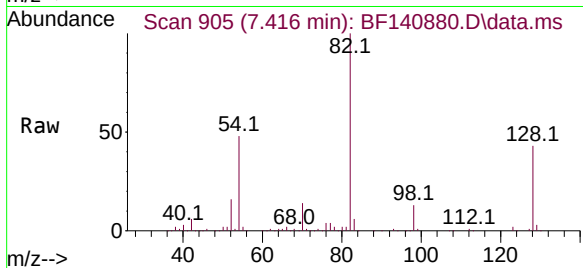
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.4	51.6
54	47.5	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#24

Nitrobenzene

Concen: 47.082 ng

RT: 7.434 min Scan# 908

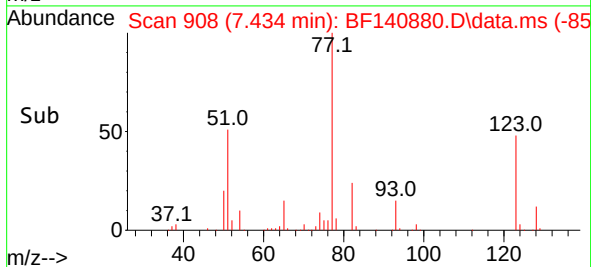
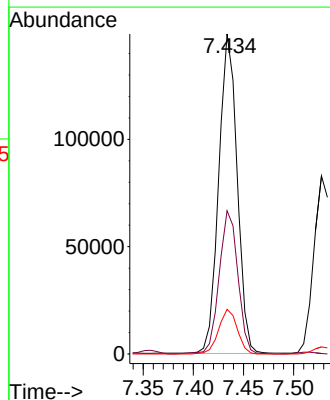
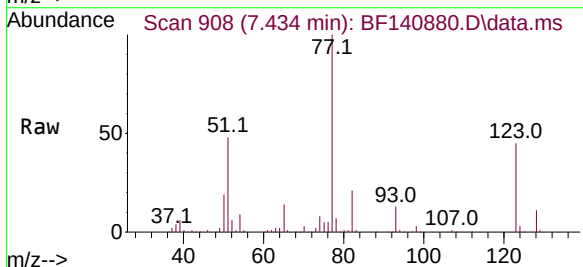
Delta R.T. -0.000 min

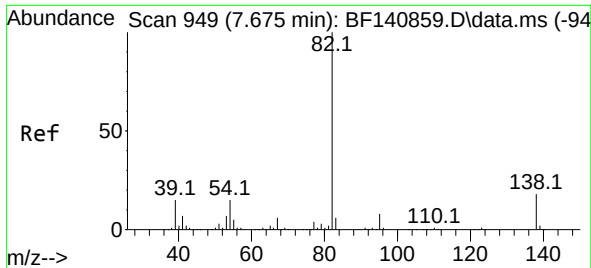
Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Tgt Ion: 77 Resp: 189987

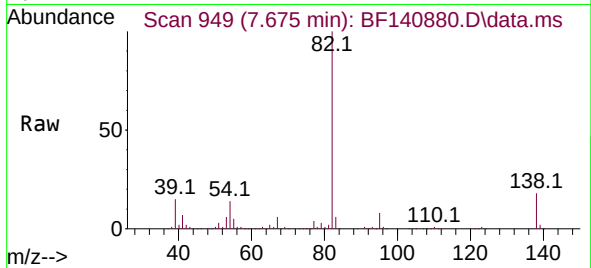
Ion	Ratio	Lower	Upper
77	100		
123	44.8	35.0	52.4
65	14.0	11.4	17.0





#25
Isophorone
Concen: 51.423 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

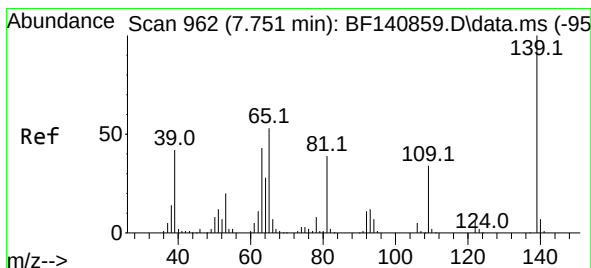
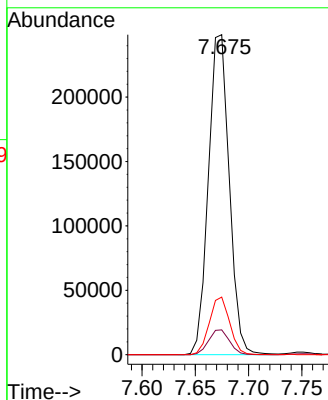
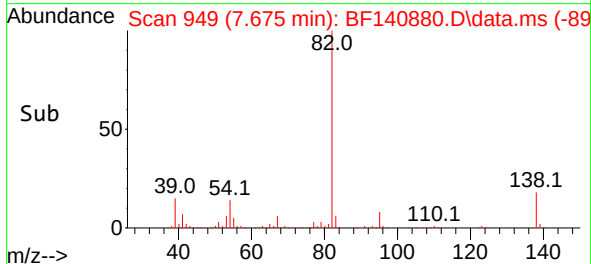
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion: 82 Resp: 339384
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 18.0 14.1 21.1

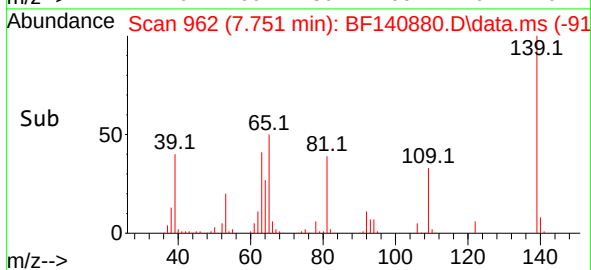
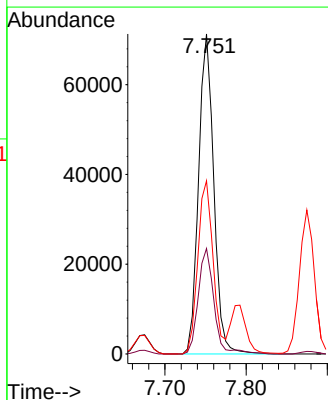
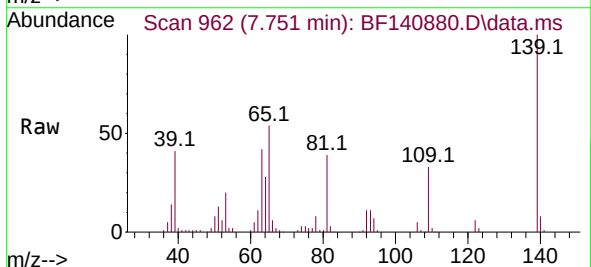
Manual Integrations
APPROVED

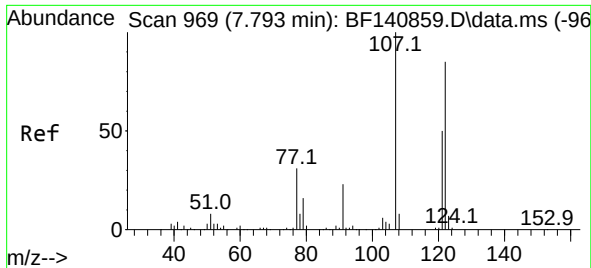
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#26
2-Nitrophenol
Concen: 50.145 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

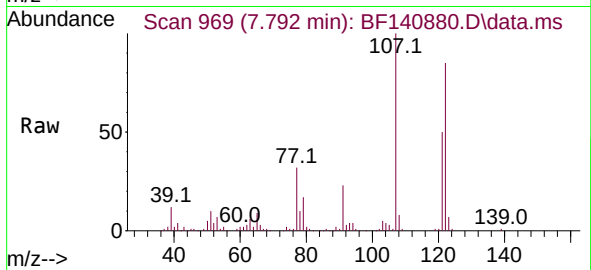
Tgt Ion:139 Resp: 93195
Ion Ratio Lower Upper
139 100
109 32.9 26.9 40.3
65 54.1 42.6 64.0





#27
2,4-Dimethylphenol
Concen: 63.511 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

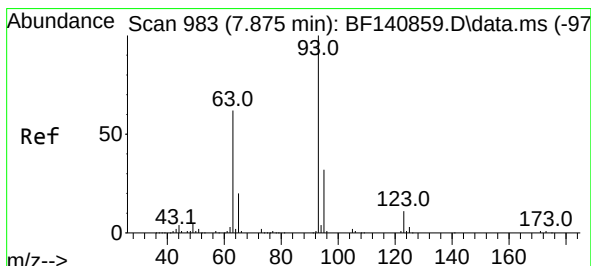
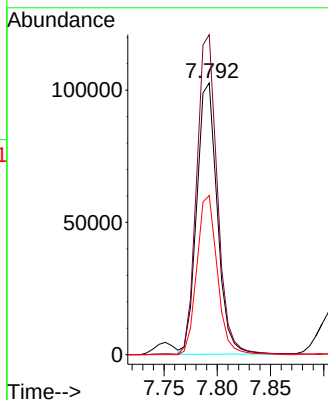
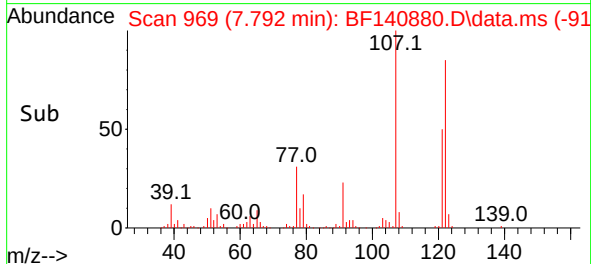
Instrument :
BNA_F
ClientSampleId :
WC-1MS



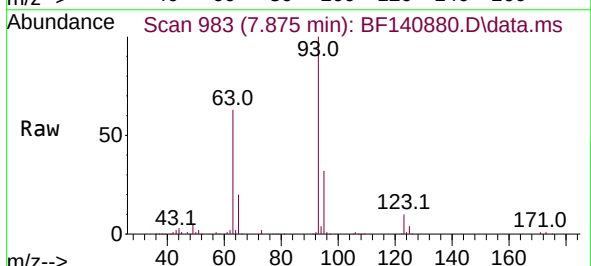
Tgt Ion:122 Resp: 137849
Ion Ratio Lower Upper
122 100
107 117.8 92.6 139.0
121 58.6 45.8 68.8

Manual Integrations
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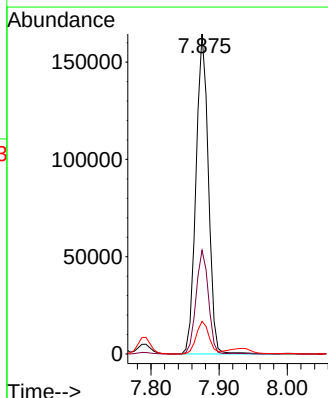
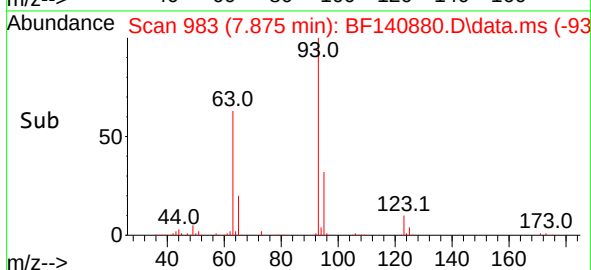
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

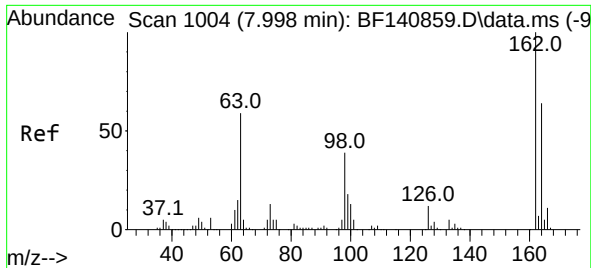


#28
bis(2-Chloroethoxy)methane
Concen: 50.587 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



Tgt Ion: 93 Resp: 208526
Ion Ratio Lower Upper
93 100
95 32.4 25.3 37.9
123 10.2 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 50.343 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:162 Resp: 150850

Ion Ratio Lower Upper

162 100

164 64.3 43.7 83.7

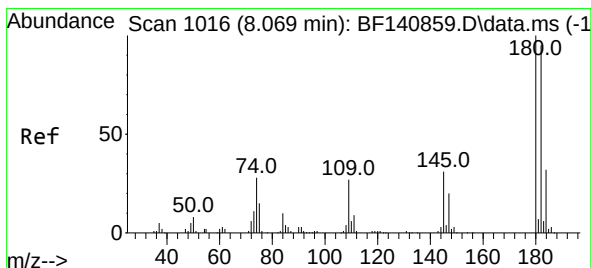
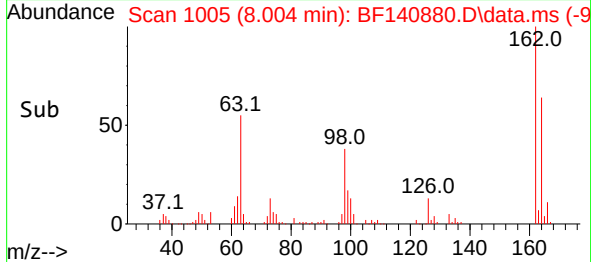
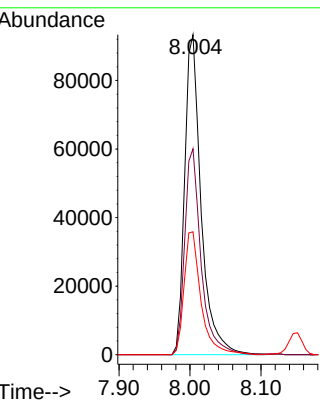
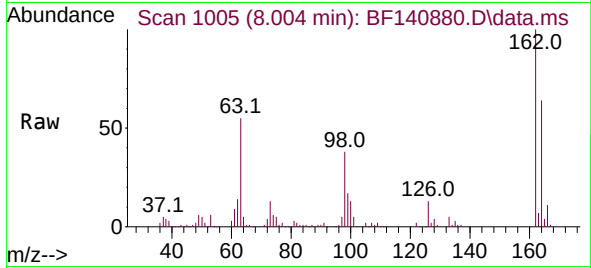
98 38.4 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.669 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

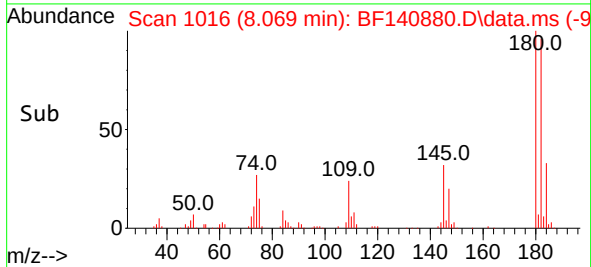
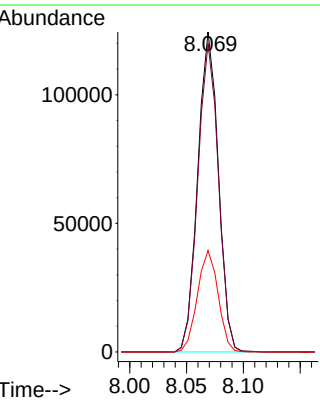
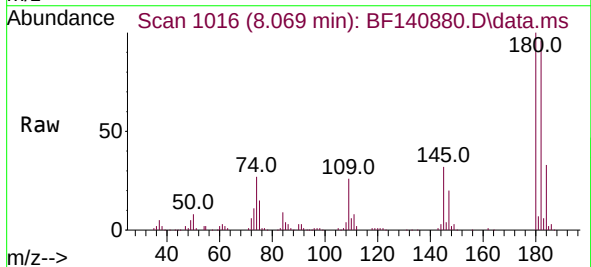
Tgt Ion:180 Resp: 156877

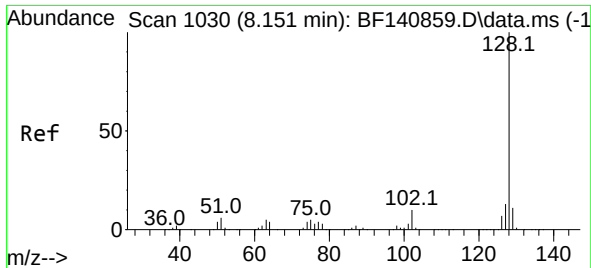
Ion Ratio Lower Upper

180 100

182 96.3 75.8 113.6

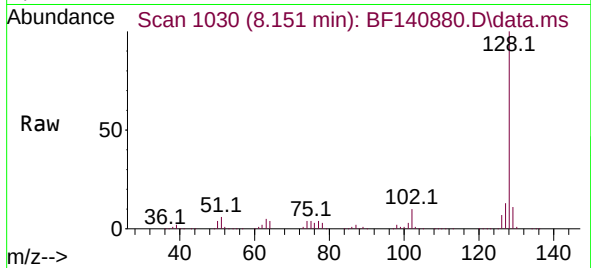
145 31.7 25.2 37.8





#31
Naphthalene
Concen: 47.948 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

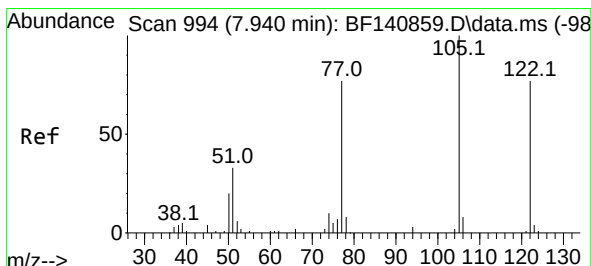
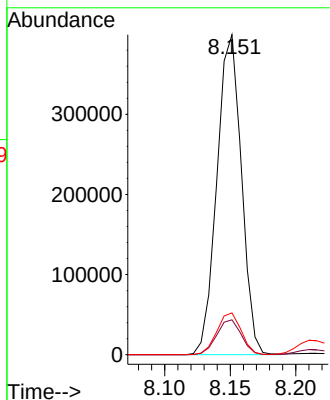
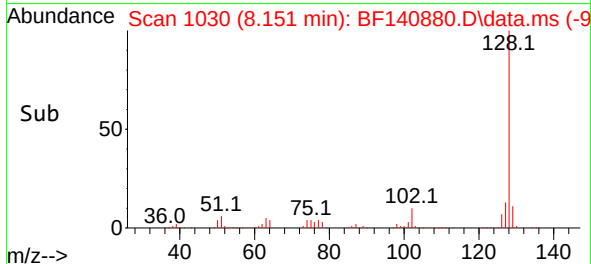
Instrument :
BNA_F
ClientSampleId :
WC-1MS



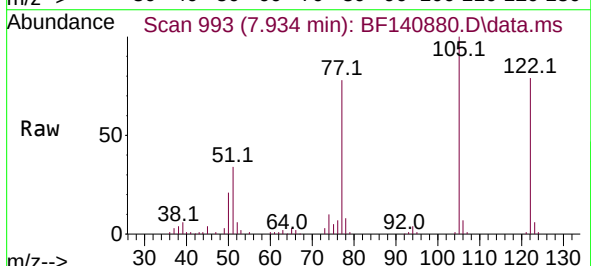
Tgt Ion:128 Resp: 51904
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.6 16.0

Manual Integrations
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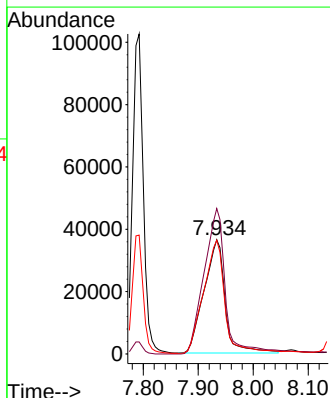
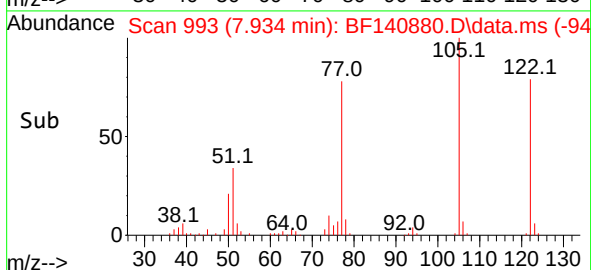
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

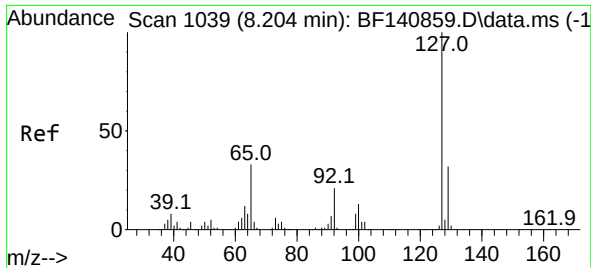


#32
Benzoic acid
Concen: 46.984 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



Tgt Ion:122 Resp: 96716
Ion Ratio Lower Upper
122 100
105 127.4 108.3 148.3
77 99.6 78.8 118.8





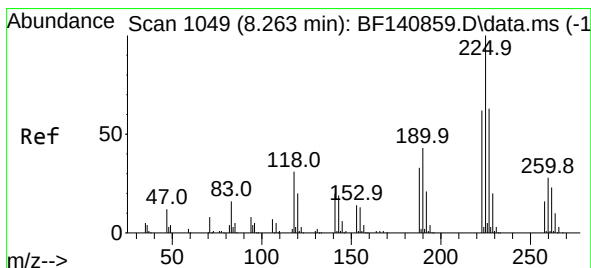
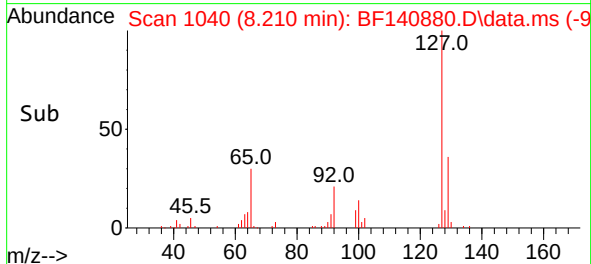
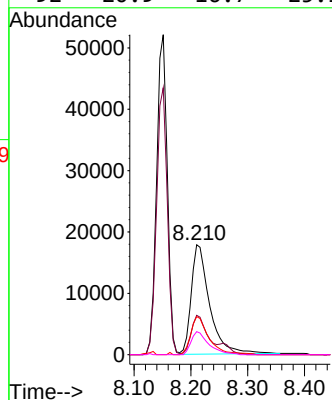
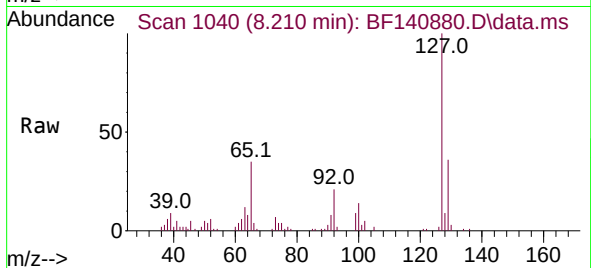
#33
4-Chloroaniline
Concen: 11.124 ng
RT: 8.210 min Scan# 1039
Delta R.T. 0.006 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:	127	Resp:	3999
Ion Ratio	Lower	Upper	
127	100		
129	35.9	26.0	39.0
65	34.7	26.0	39.0
92	20.9	16.7	25.1

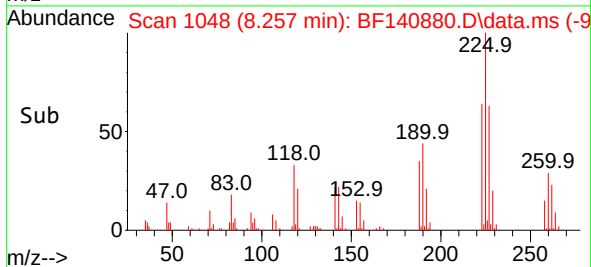
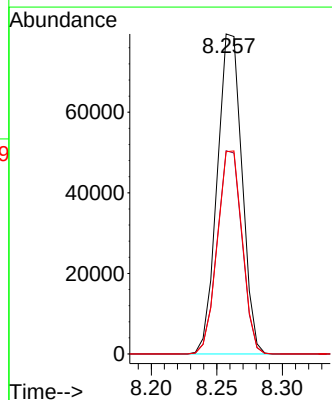
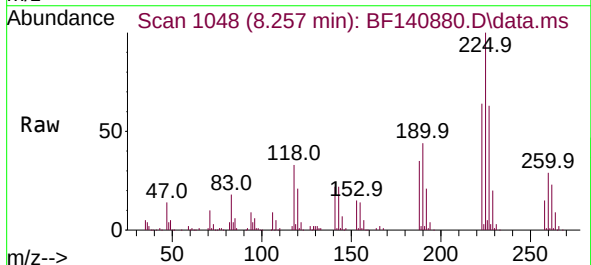
Manual Integrations
APPROVED

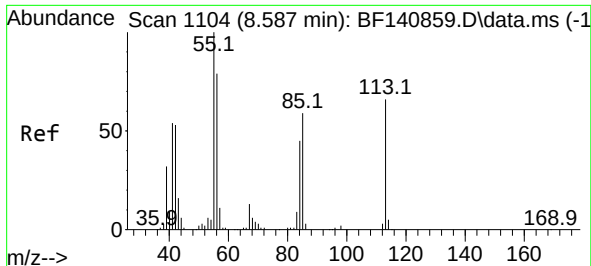
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#34
Hexachlorobutadiene
Concen: 45.114 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

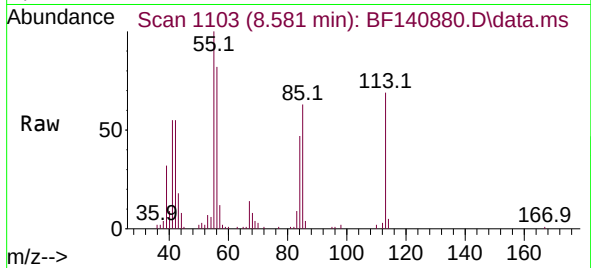
Tgt Ion:	225	Resp:	104264
Ion Ratio	Lower	Upper	
225	100		
223	63.5	49.6	74.4
227	63.2	50.7	76.1





#35
Caprolactam
Concen: 40.061 ng m
RT: 8.581 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

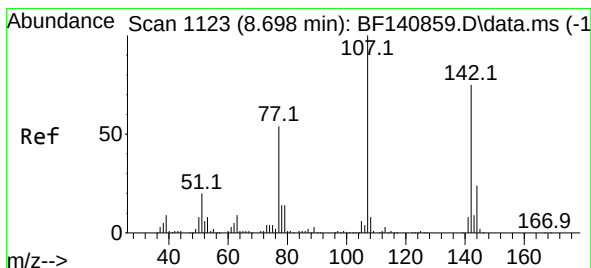
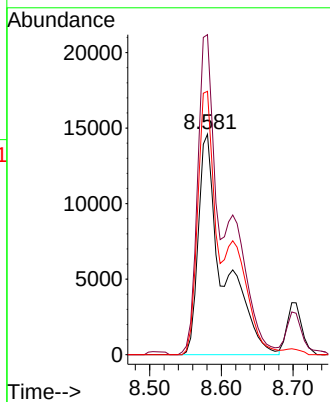
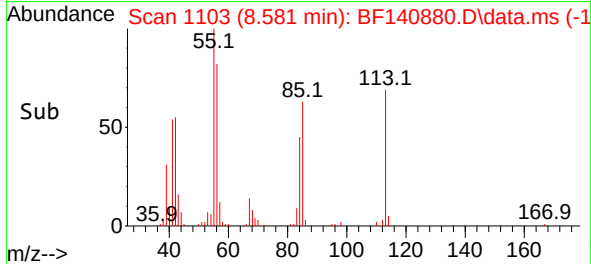
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:113 Resp: 35738
Ion Ratio Lower Upper
113 100
55 145.2 132.3 172.3
56 119.5 100.3 140.3

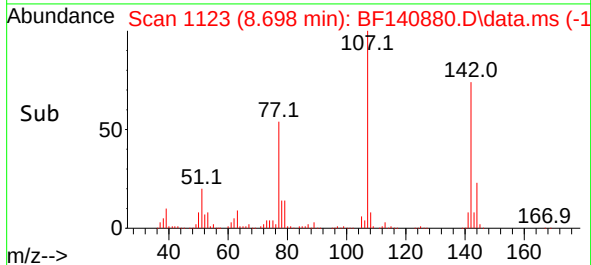
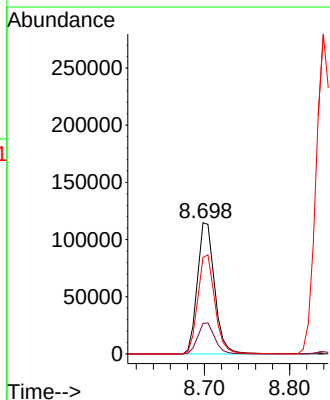
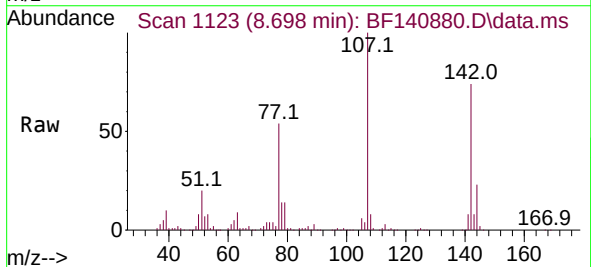
Manual Integrations
APPROVED

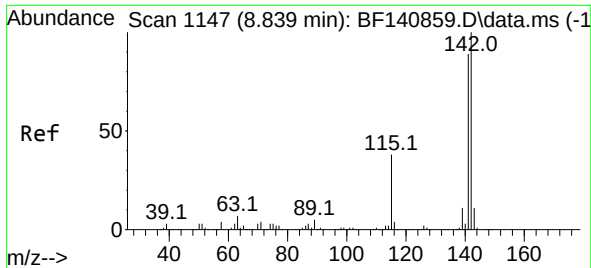
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#36
4-Chloro-3-methylphenol
Concen: 47.892 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Tgt Ion:107 Resp: 161522
Ion Ratio Lower Upper
107 100
144 23.3 19.4 29.2
142 73.7 60.3 90.5





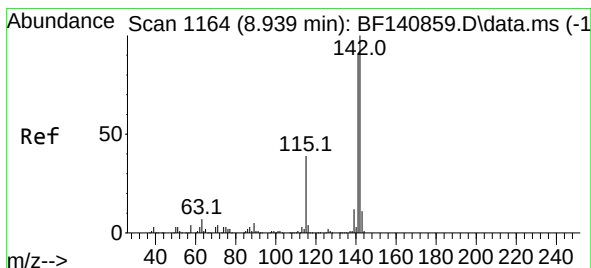
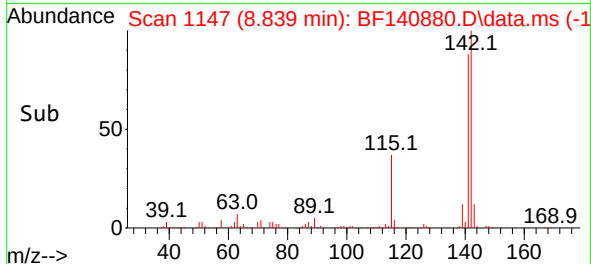
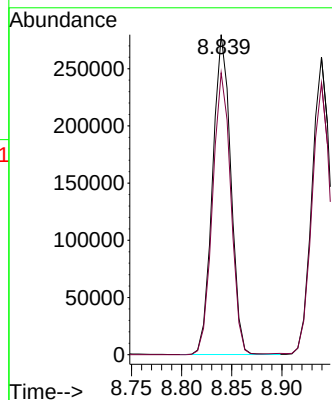
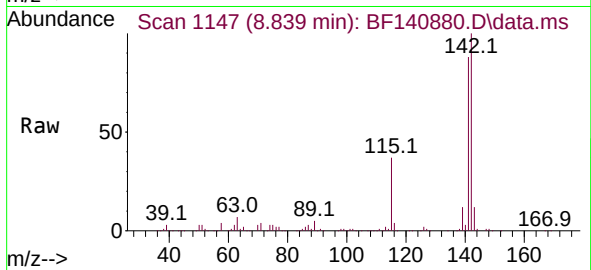
#37
2-Methylnaphthalene
Concen: 49.298 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:142 Resp: 35301
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6

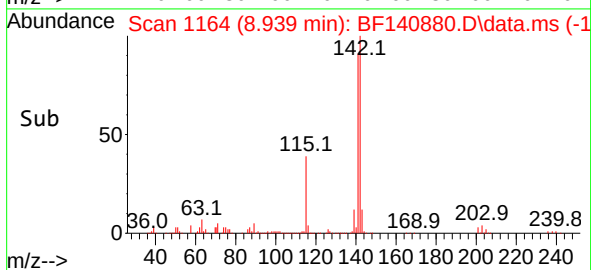
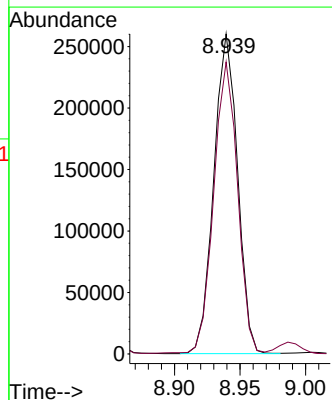
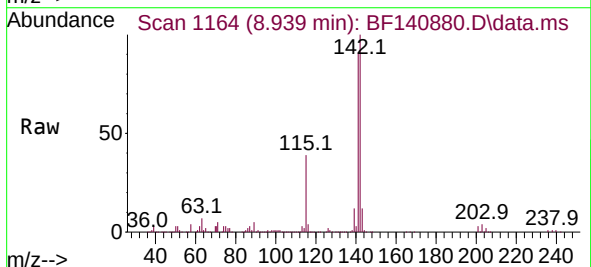
Manual Integrations
APPROVED

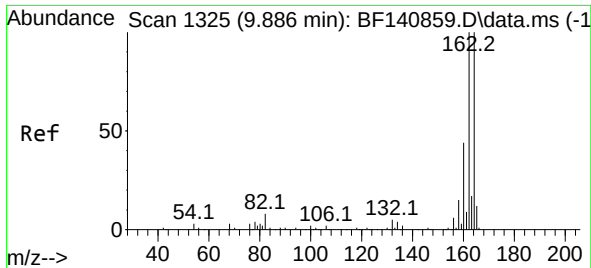
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#38
1-Methylnaphthalene
Concen: 46.190 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

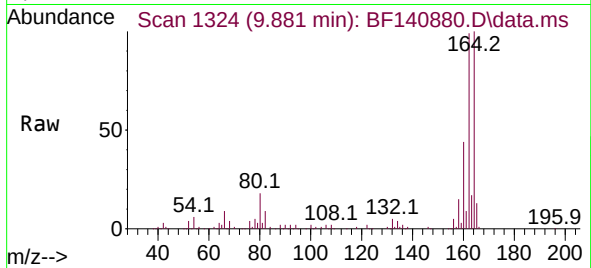
Tgt Ion:142 Resp: 327118
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

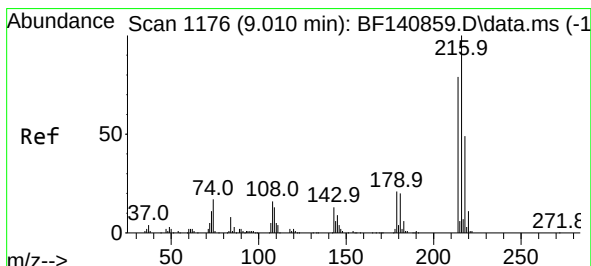
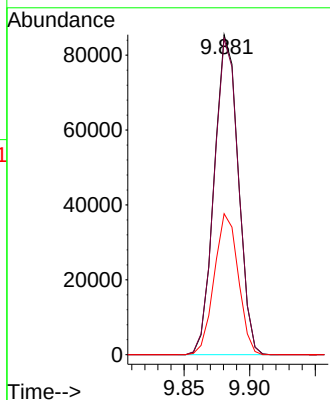
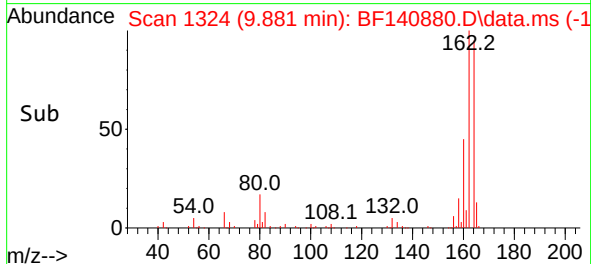
Instrument :
BNA_F
ClientSampleId :
WC-1MS



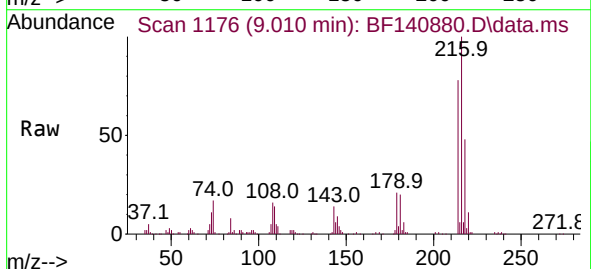
Tgt Ion:164 Resp: 108708
Ion Ratio Lower Upper
164 100
162 98.8 79.9 119.9
160 44.1 35.2 52.8

Manual Integrations
APPROVED

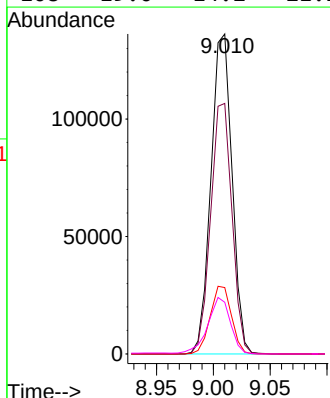
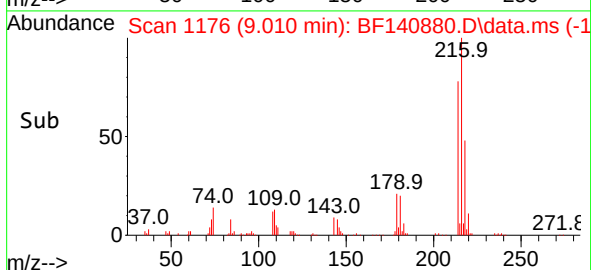
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

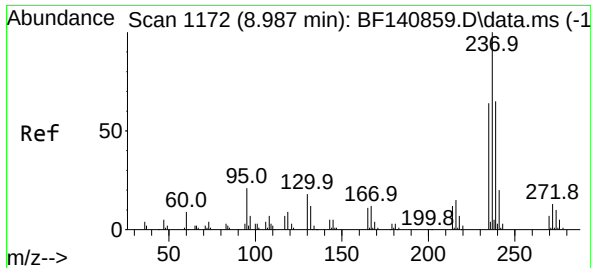


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.721 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



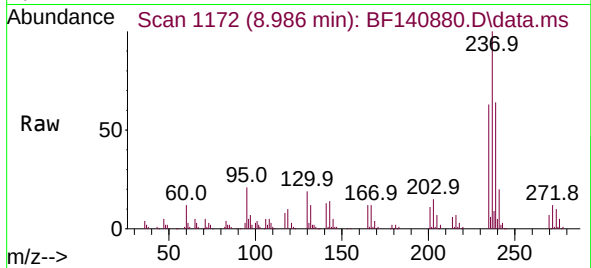
Tgt Ion:216 Resp: 176155
Ion Ratio Lower Upper
216 100
214 79.1 63.6 95.4
179 21.4 17.0 25.4
108 19.0 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 78.480 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

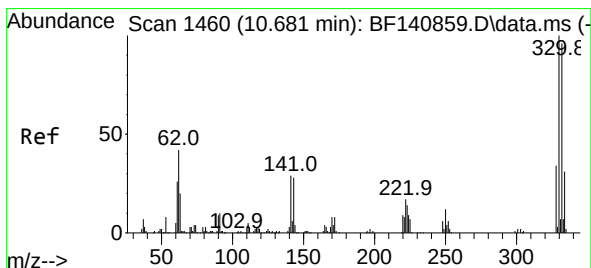
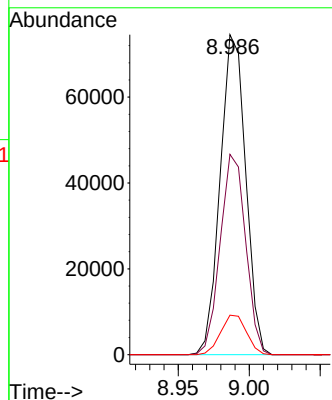
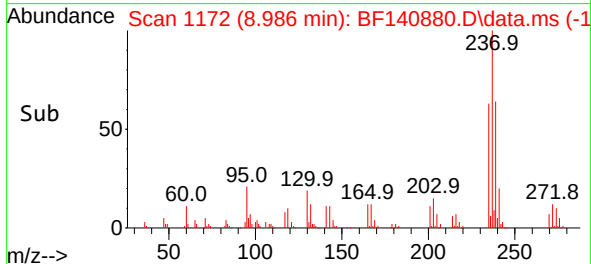
Instrument :
BNA_F
ClientSampleId :
WC-1MS



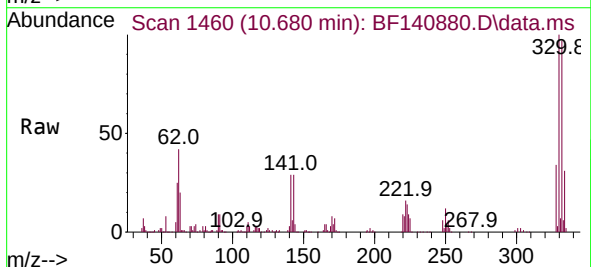
Tgt Ion:237 Resp: 93098
Ion Ratio Lower Upper
237 100
235 62.6 43.7 83.7
272 12.3 0.0 32.9

Manual Integrations
APPROVED

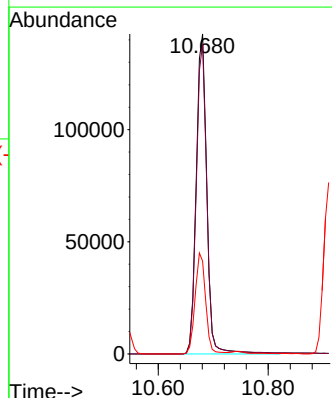
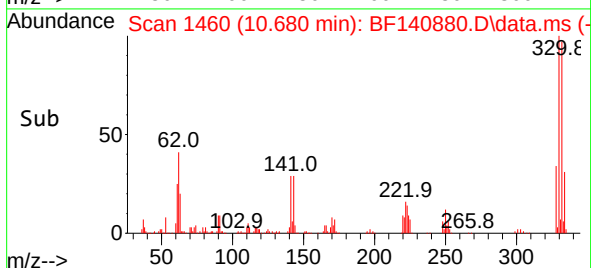
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

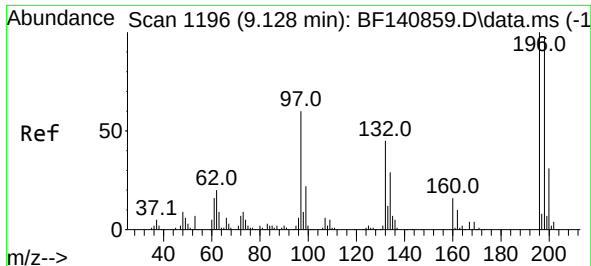


#42
2,4,6-Tribromophenol
Concen: 148.456 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



Tgt Ion:330 Resp: 190871
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 31.5 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 52.545 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:196 Resp: 107504

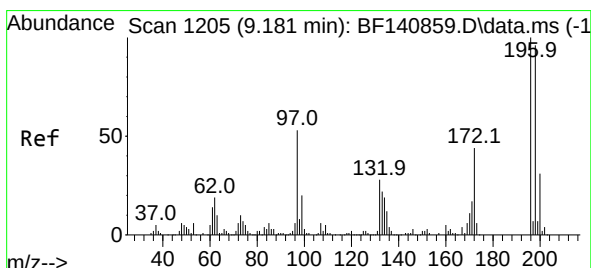
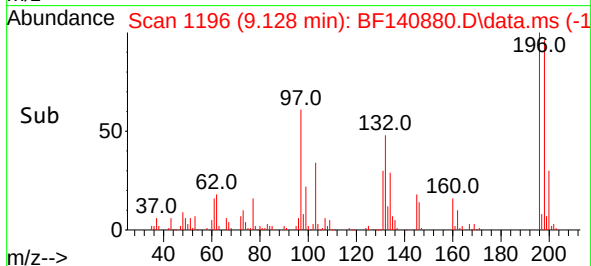
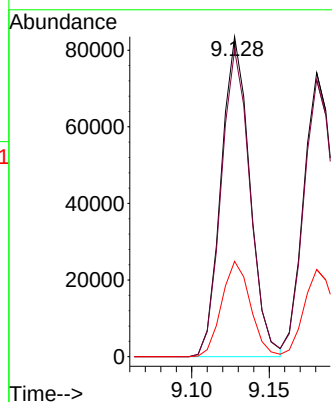
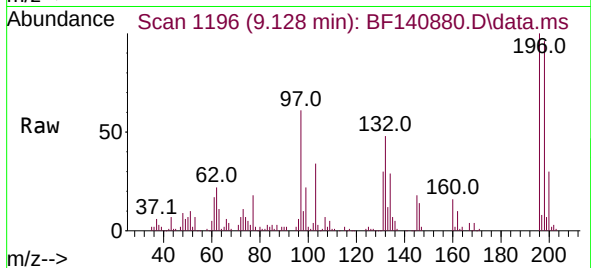
Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.4	116.0
200	29.8	24.5	36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#44

2,4,5-Trichlorophenol

Concen: 49.608 ng

RT: 9.181 min Scan# 1205

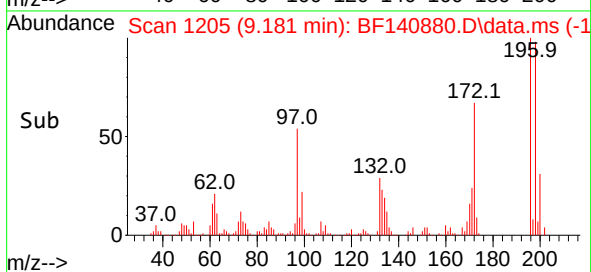
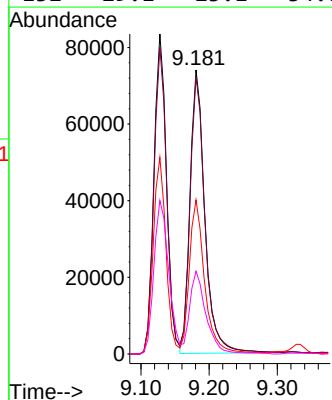
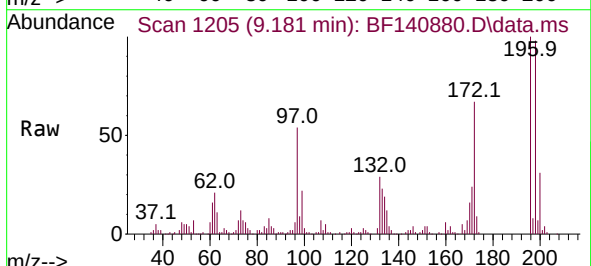
Delta R.T. -0.000 min

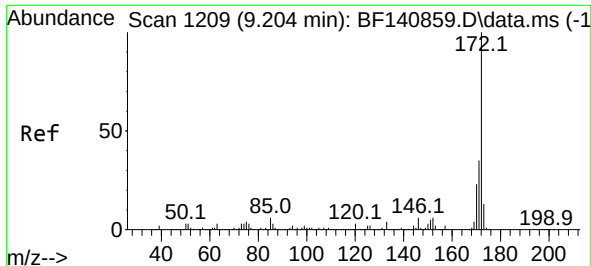
Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Tgt Ion:196 Resp: 111557

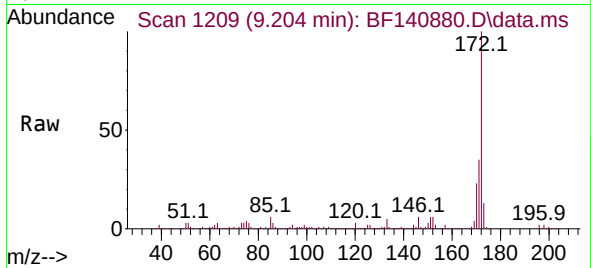
Ion	Ratio	Lower	Upper
196	100		
198	97.5	77.2	115.8
97	54.2	42.2	63.4
132	29.1	23.1	34.7





#45
2-Fluorobiphenyl
Concen: 102.366 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

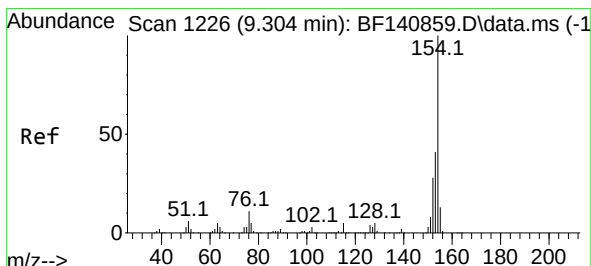
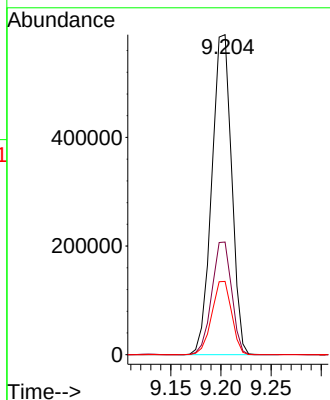
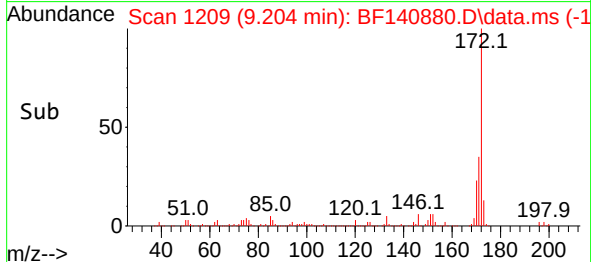
Instrument :
BNA_F
ClientSampleId :
WC-1MS



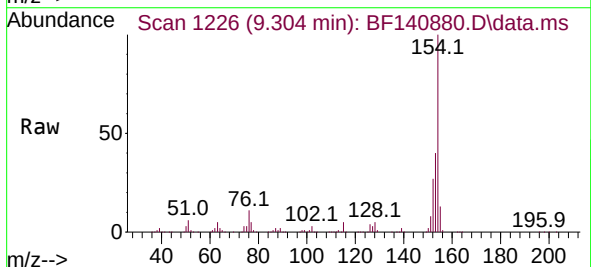
Tgt Ion:172 Resp: 809398
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 22.9 18.6 28.0

Manual Integrations
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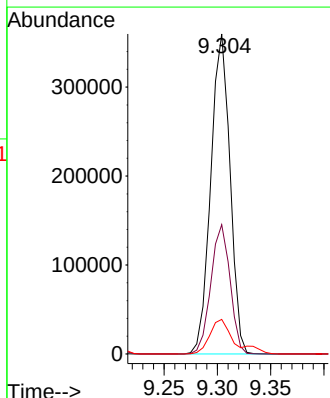
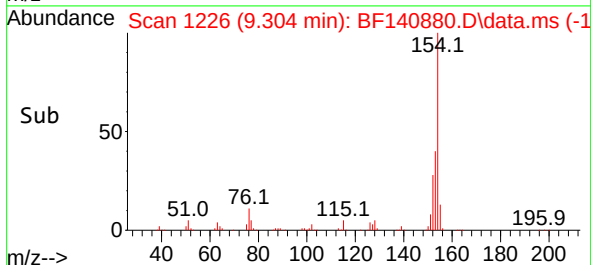
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

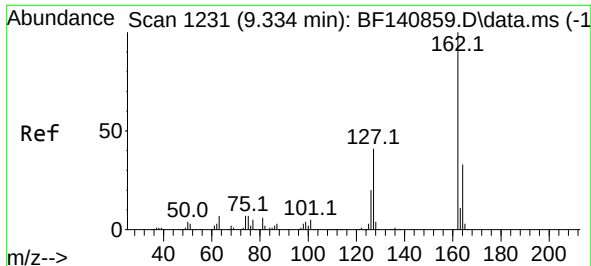


#46
1,1'-Biphenyl
Concen: 52.182 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



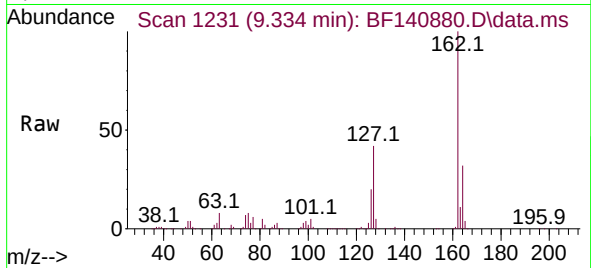
Tgt Ion:154 Resp: 451076
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 10.8 0.0 31.0





#47
2-Chloronaphthalene
Concen: 50.640 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

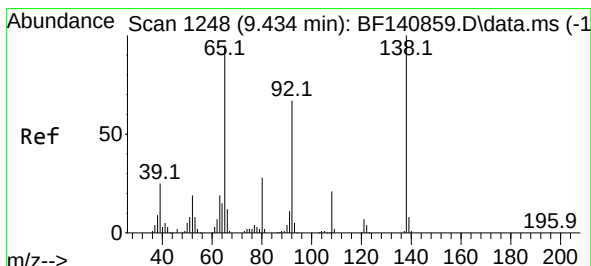
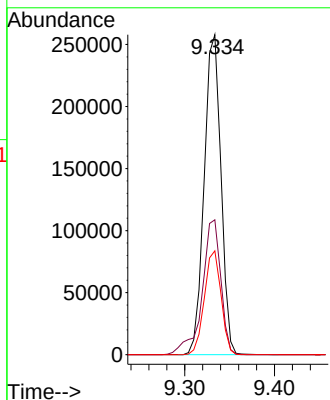
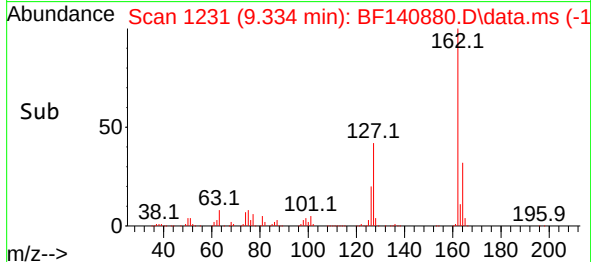
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:162 Resp: 33488
Ion Ratio Lower Upper
162 100
127 42.1 33.5 50.3
164 32.4 26.2 39.2

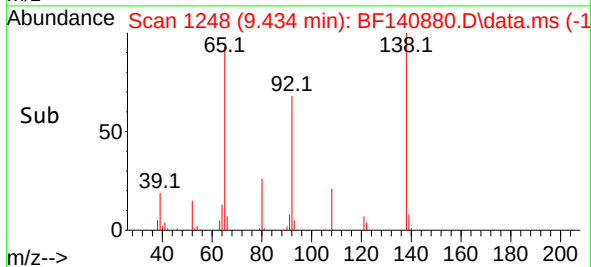
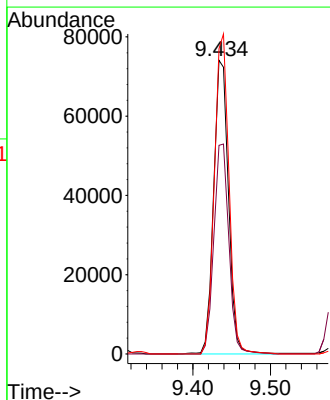
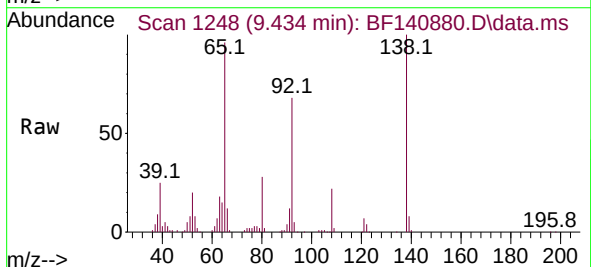
Manual Integrations
APPROVED

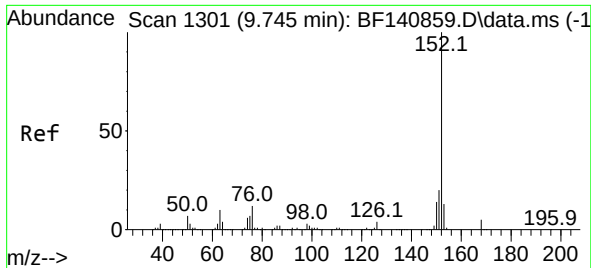
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#48
2-Nitroaniline
Concen: 49.331 ng
RT: 9.434 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Tgt Ion: 65 Resp: 98525
Ion Ratio Lower Upper
65 100
92 71.1 56.3 84.5
138 104.0 83.8 125.6





#49

Acenaphthylene

Concen: 55.833 ng

RT: 9.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:152 Resp: 542600

Ion Ratio Lower Upper

152 100

151 19.5 16.0 24.0

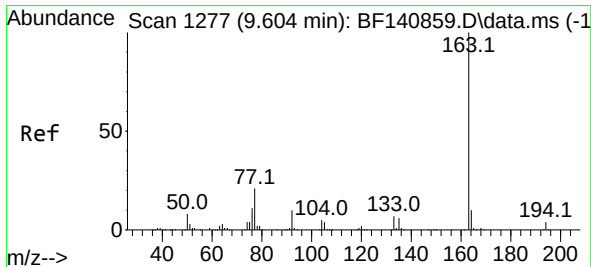
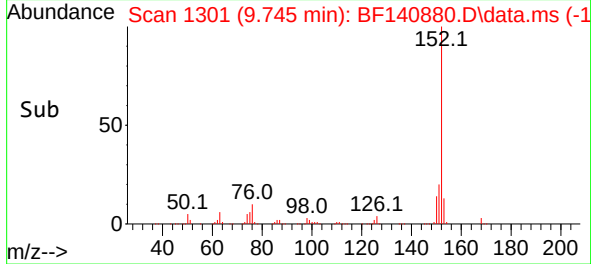
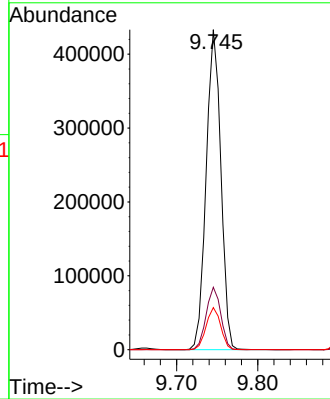
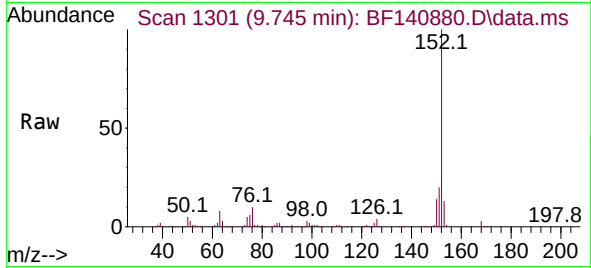
153 13.1 10.6 16.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#50

Dimethylphthalate

Concen: 51.400 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

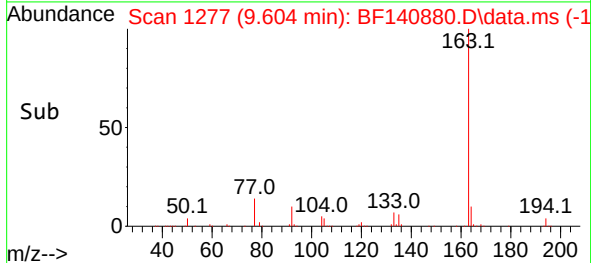
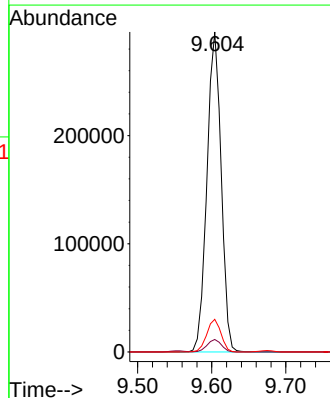
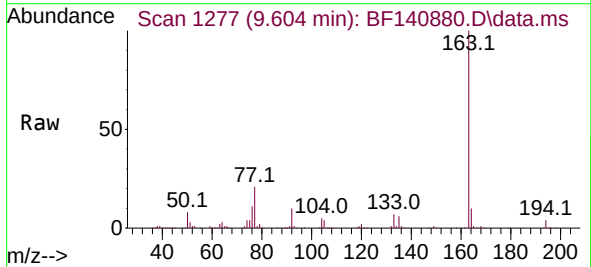
Tgt Ion:163 Resp: 393938

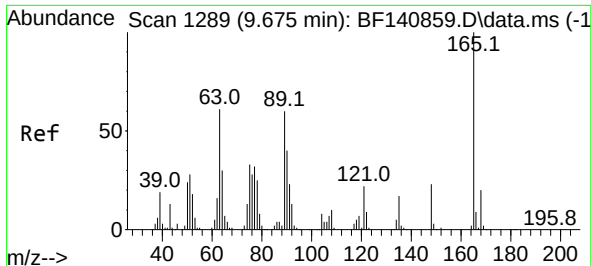
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

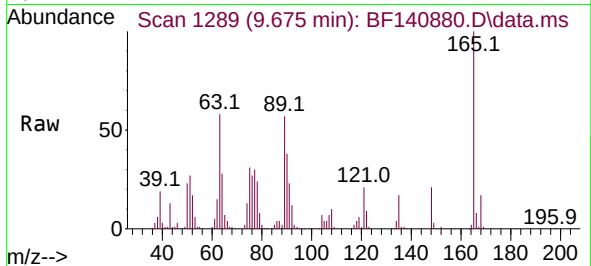
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 48.227 ng
RT: 9.675 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

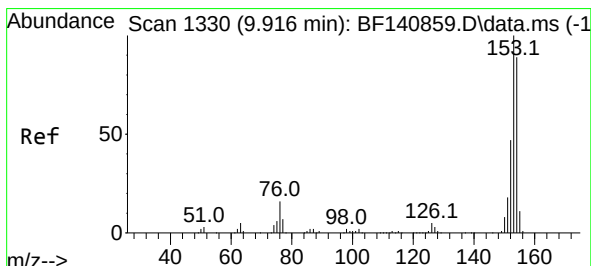
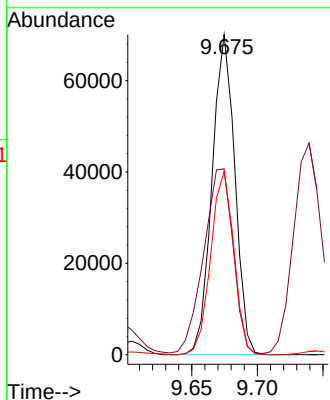
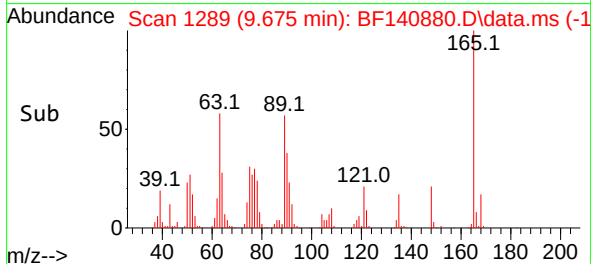
Instrument :
BNA_F
ClientSampleId :
WC-1MS



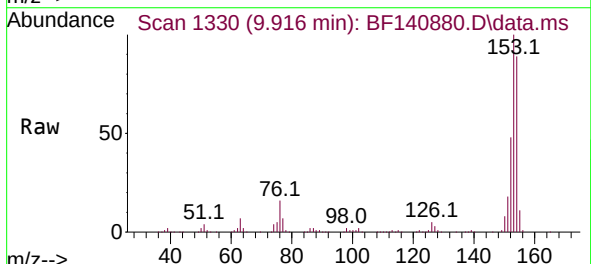
Tgt Ion:165 Resp: 84498
Ion Ratio Lower Upper
165 100
63 58.1 49.7 74.5
89 57.2 48.2 72.4

Manual Integrations
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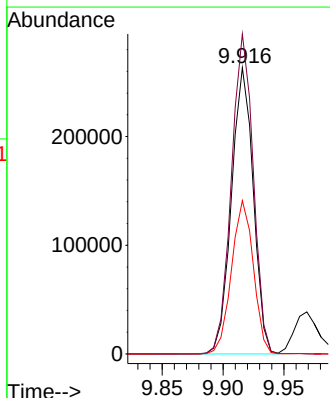
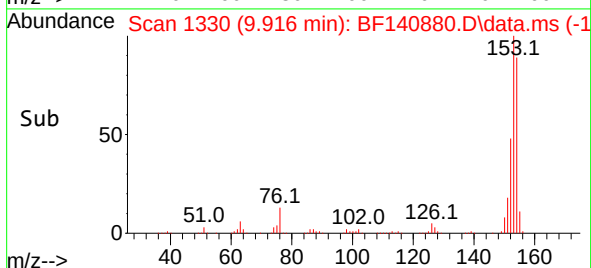
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

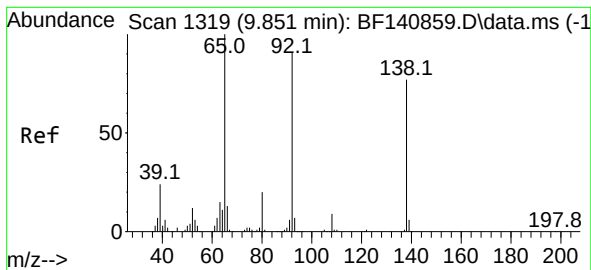


#52
Acenaphthene
Concen: 53.033 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



Tgt Ion:154 Resp: 329223
Ion Ratio Lower Upper
154 100
153 111.8 89.9 134.9
152 53.5 42.6 63.8





#53

3-Nitroaniline

Concen: 17.656 ng

RT: 9.851 min Scan# 1319

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA_F

ClientSampleId :

WC-1MS

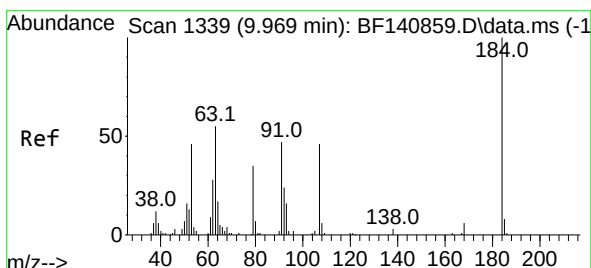
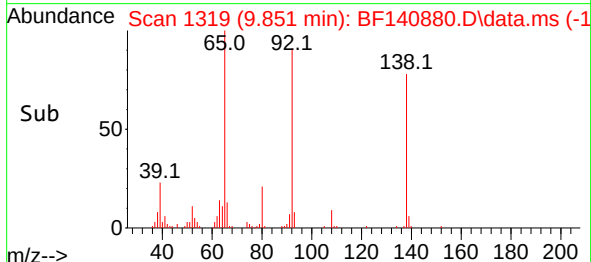
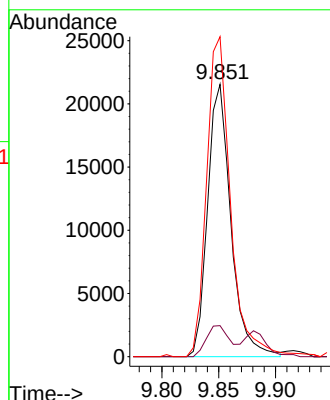
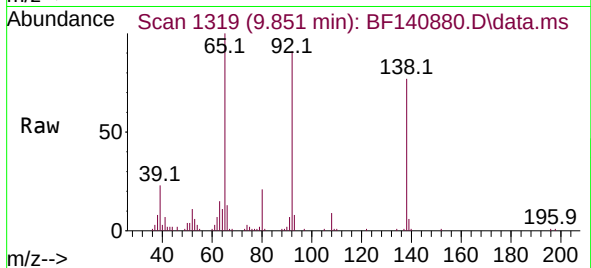
Tgt Ion:138 Resp: 30700
 Ion Ratio Lower Upper
 138 100
 108 11.4 9.0 13.4
 92 117.5 95.5 143.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#54

2,4-Dinitrophenol

Concen: 99.888 ng

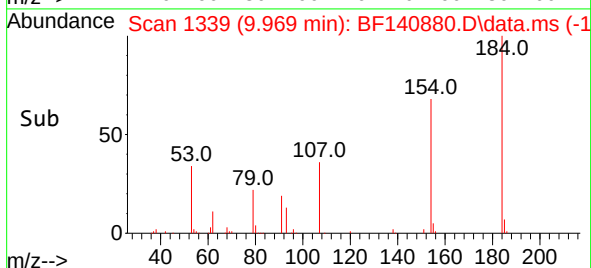
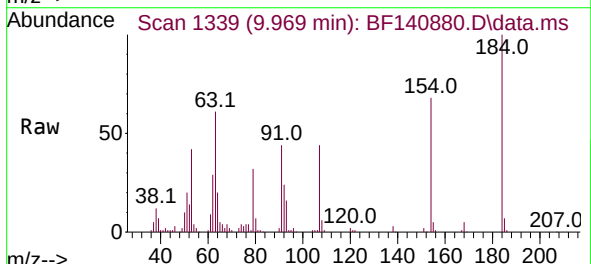
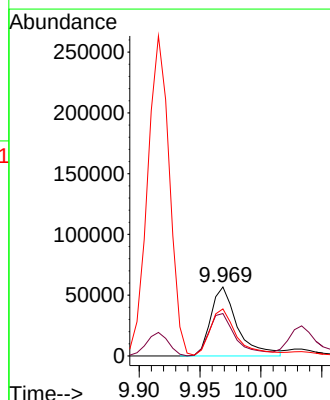
RT: 9.969 min Scan# 1339

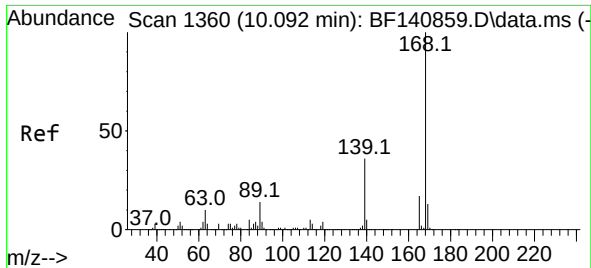
Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

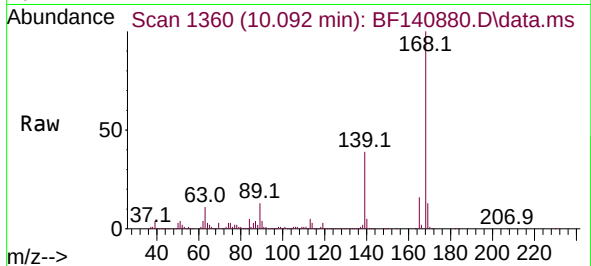
Tgt Ion:184 Resp: 86907
 Ion Ratio Lower Upper
 184 100
 63 61.4 51.6 77.4
 154 68.2 56.1 84.1





#55
Dibenzenofuran
Concen: 52.080 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

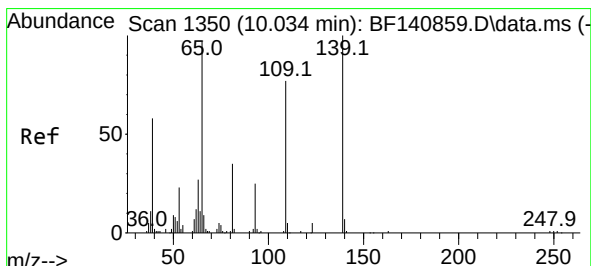
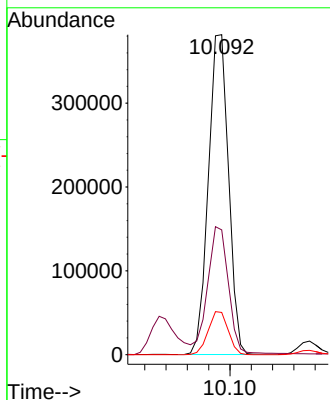
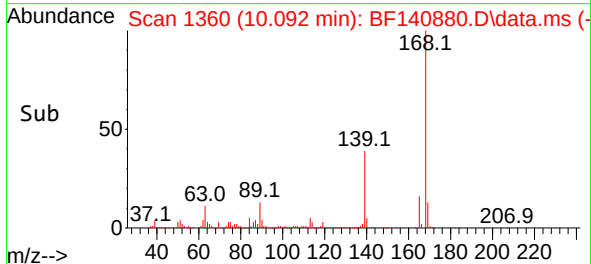
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:168 Resp: 50097
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 13.2 10.6 16.0

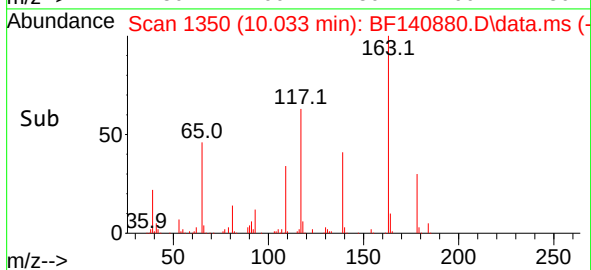
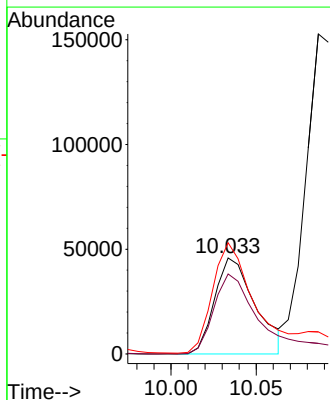
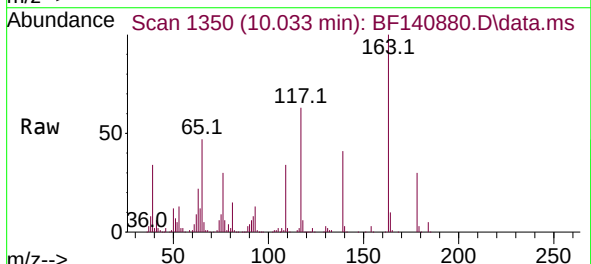
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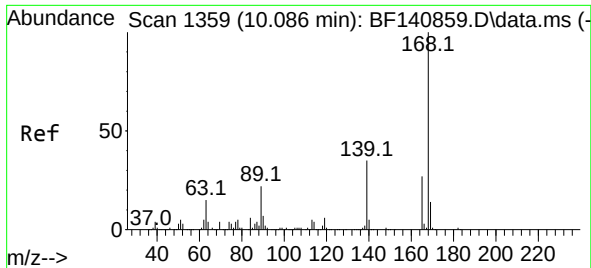
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#56
4-Nitrophenol
Concen: 81.075 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.001 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

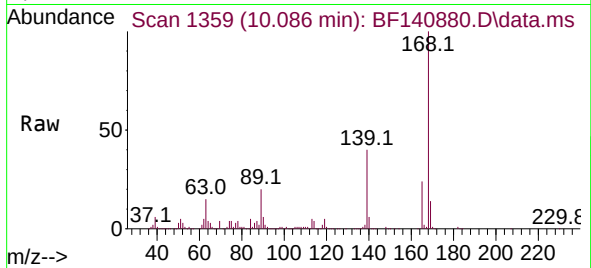
Tgt Ion:139 Resp: 75888
Ion Ratio Lower Upper
139 100
109 83.3 56.7 96.7
65 115.9 78.1 118.1





#57
2,4-Dinitrotoluene
Concen: 48.787 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

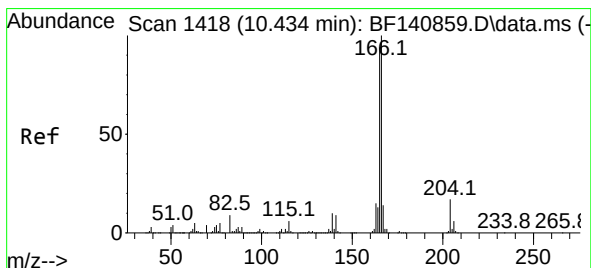
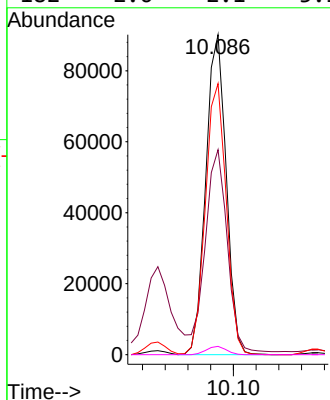
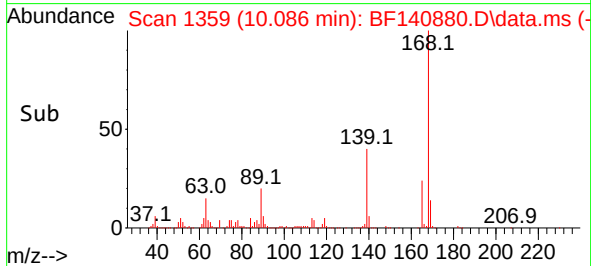
Instrument :
BNA_F
ClientSampleId :
WC-1MS



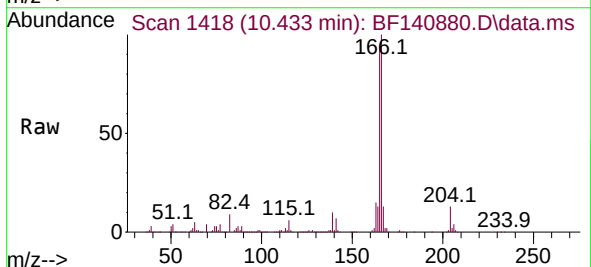
Tgt Ion:165 Resp: 112469
Ion Ratio Lower Upper
165 100
63 64.0 49.3 73.9
89 84.7 66.2 99.4
182 2.6 2.1 3.1

Manual Integrations
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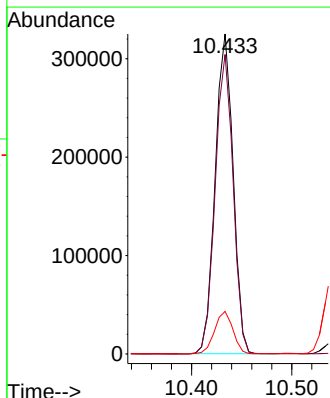
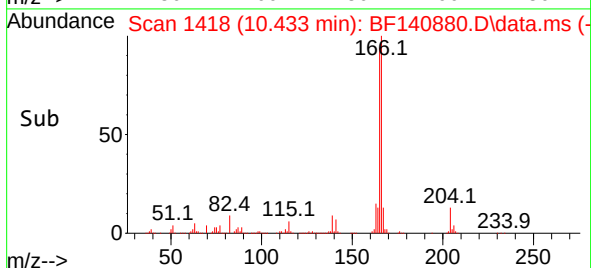
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

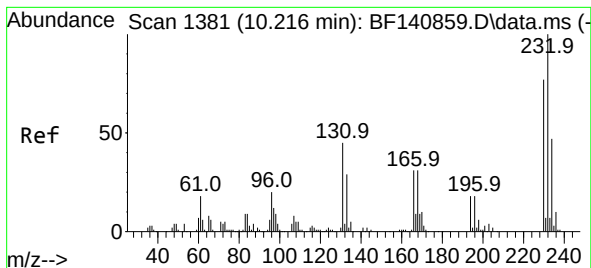


#58
Fluorene
Concen: 50.858 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



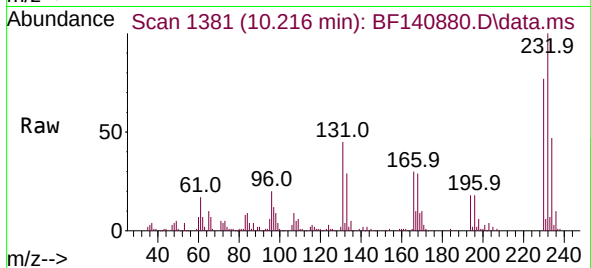
Tgt Ion:166 Resp: 403603
Ion Ratio Lower Upper
166 100
165 93.6 75.1 112.7
167 13.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.364 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

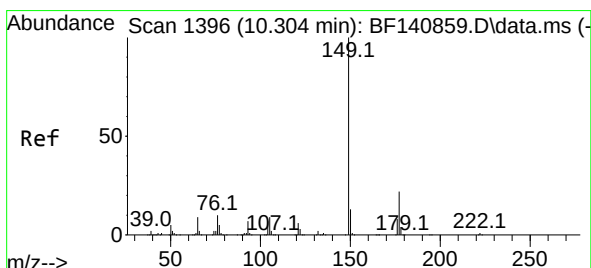
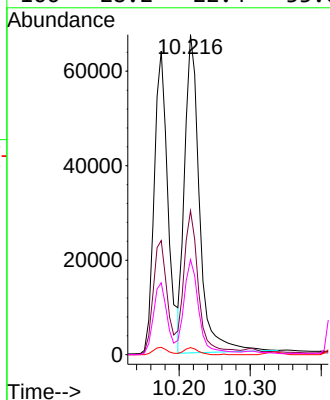
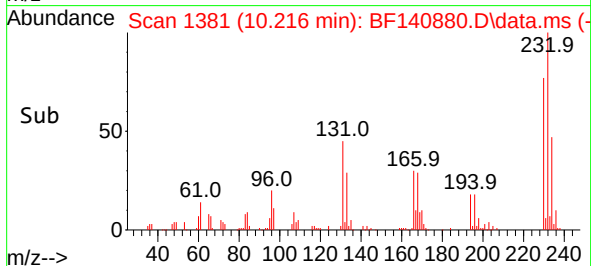
Instrument :
BNA_F
ClientSampleId :
WC-1MS



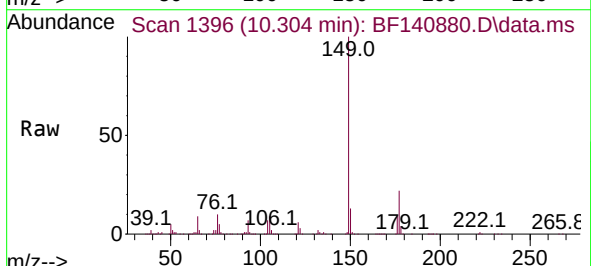
Tgt Ion:232 Resp: 97784
Ion Ratio Lower Upper
232 100
131 45.5 35.1 52.7
130 2.0 1.8 2.8
166 28.2 22.4 33.6

Manual Integrations
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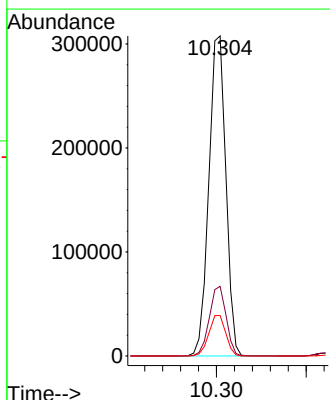
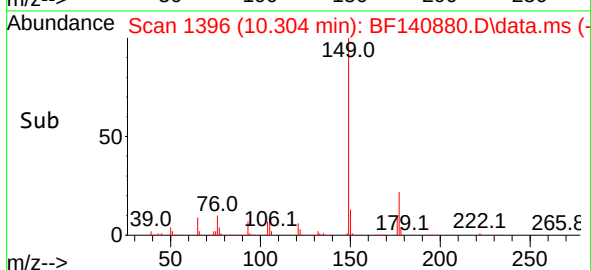
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

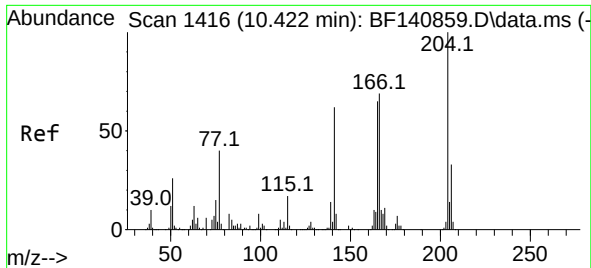


#60
Diethylphthalate
Concen: 50.915 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



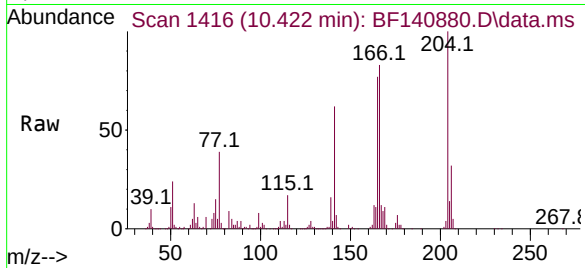
Tgt Ion:149 Resp: 404643
Ion Ratio Lower Upper
149 100
177 21.7 17.2 25.8
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.919 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

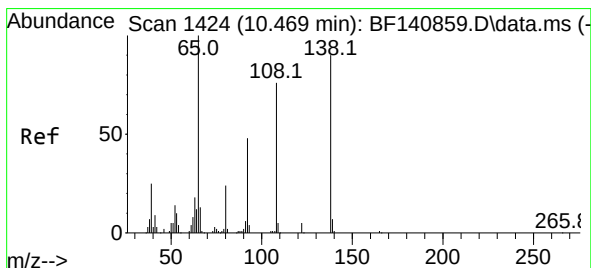
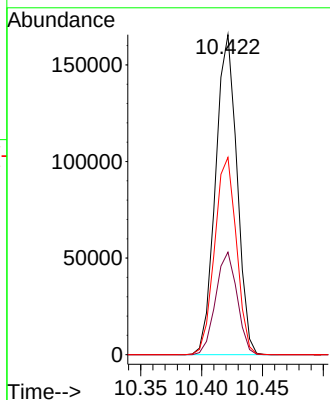
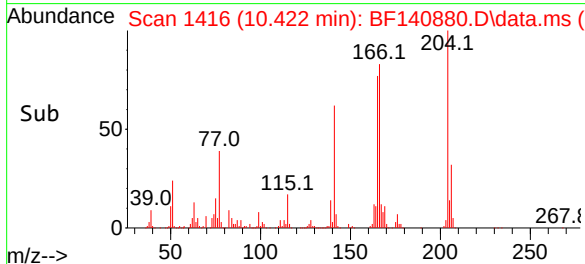
Instrument :
BNA_F
ClientSampleId :
WC-1MS



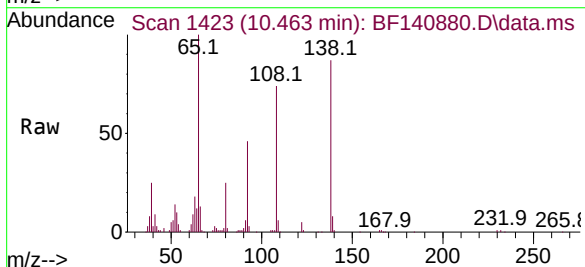
Tgt Ion:204 Resp: 20298
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 61.6 50.0 75.0

Manual Integrations
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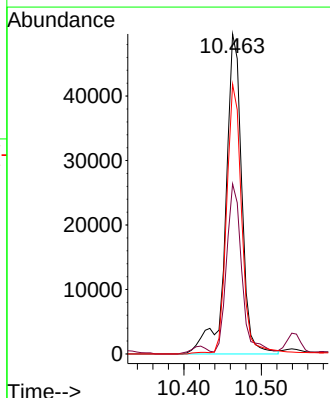
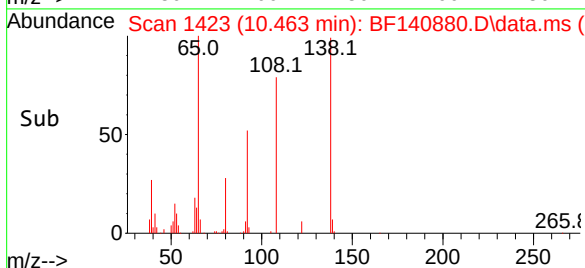
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

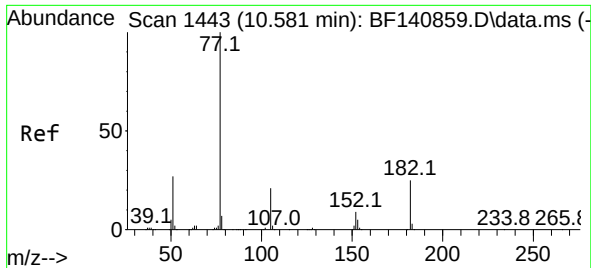


#62
4-Nitroaniline
Concen: 39.586 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



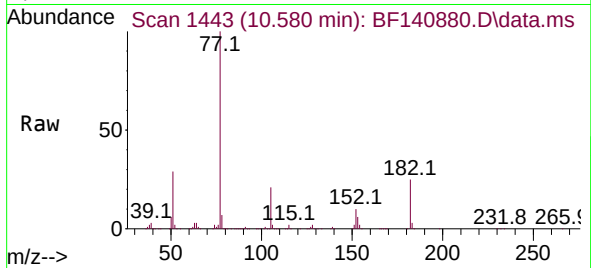
Tgt Ion:138 Resp: 71928
Ion Ratio Lower Upper
138 100
92 53.2 32.6 72.6
108 84.3 64.1 104.1





#63
 Azobenzene
 Concen: 50.332 ng
 RT: 10.580 min Scan# 1443
 Delta R.T. -0.000 min
 Lab File: BF140880.D
 Acq: 17 Dec 2024 13:01

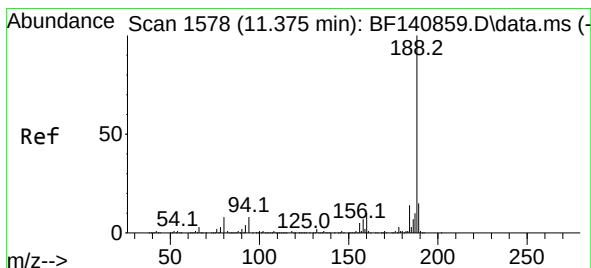
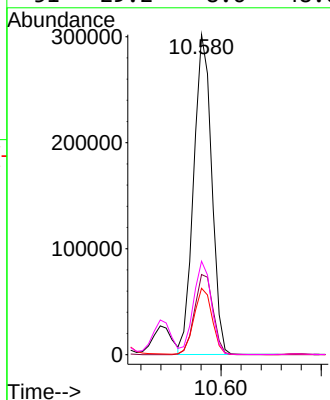
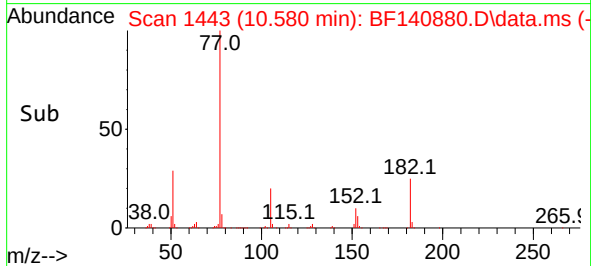
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS



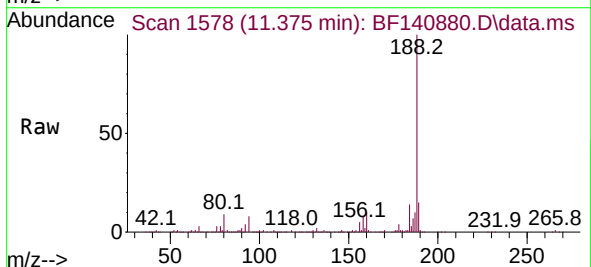
Tgt Ion: 77 Resp: 376050
 Ion Ratio Lower Upper
 77 100
 182 25.1 4.5 44.5
 105 20.7 0.9 40.9
 51 29.2 8.6 48.6

Manual Integrations
 APPROVED

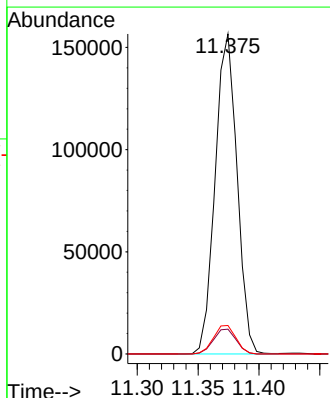
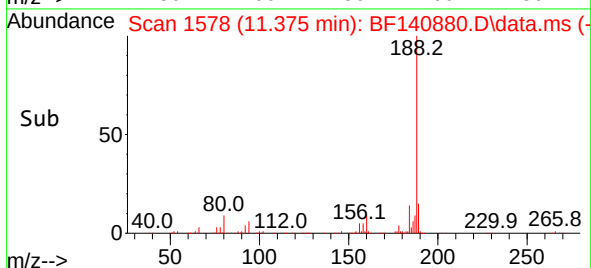
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

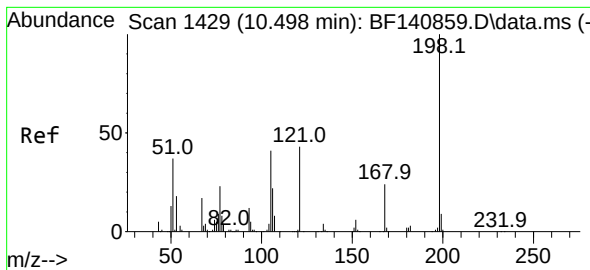


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.375 min Scan# 1578
 Delta R.T. -0.000 min
 Lab File: BF140880.D
 Acq: 17 Dec 2024 13:01



Tgt Ion:188 Resp: 196074
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.4 9.6
 80 8.9 6.8 10.2





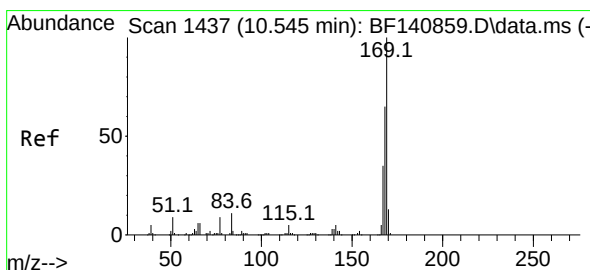
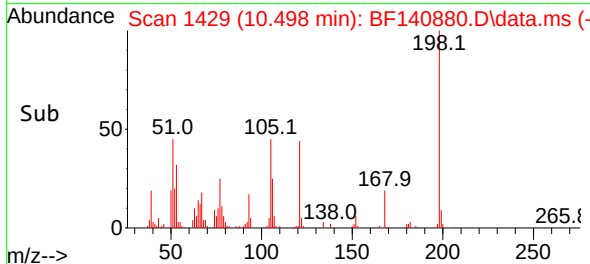
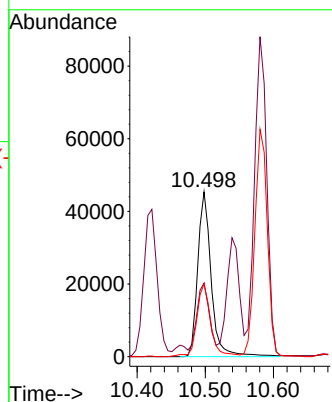
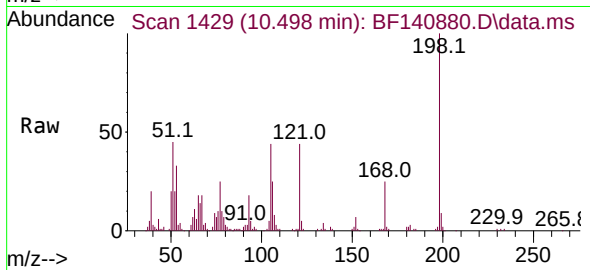
#65
4,6-Dinitro-2-methylphenol
Concen: 55.996 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:198 Resp: 62215
Ion Ratio Lower Upper
198 100
51 44.7 24.4 64.4
105 44.2 22.1 62.1

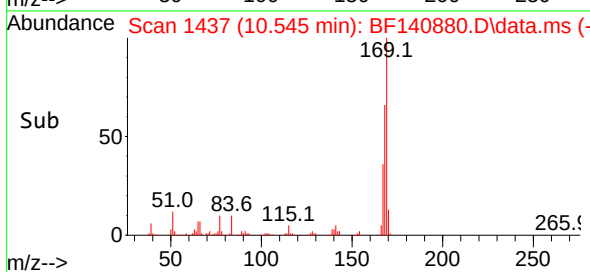
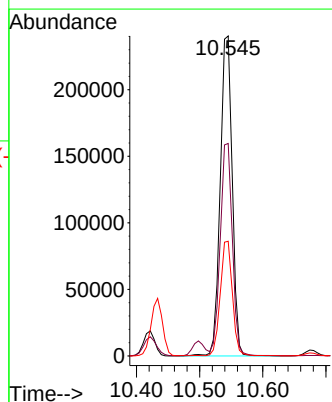
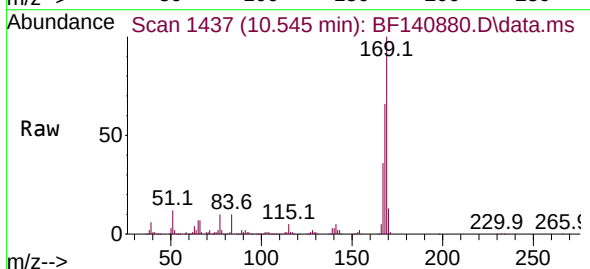
Manual Integrations
APPROVED

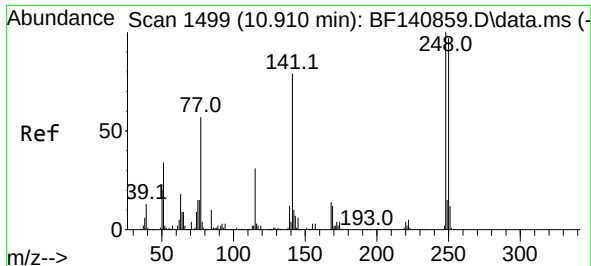
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#66
n-Nitrosodiphenylamine
Concen: 52.794 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

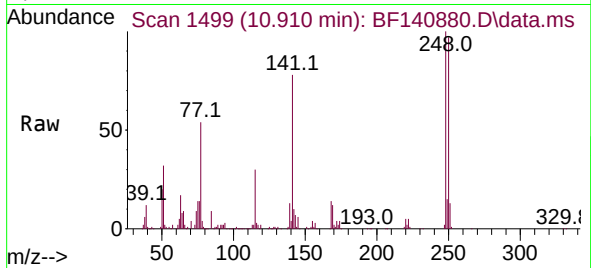
Tgt Ion:169 Resp: 318263
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 35.8 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 54.983 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

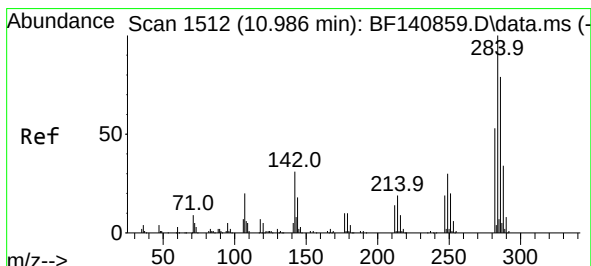
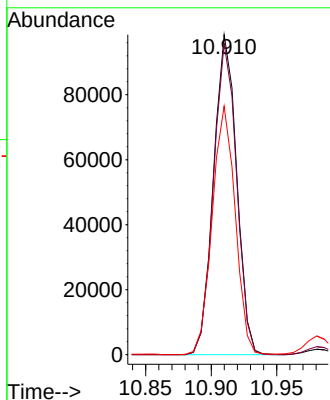
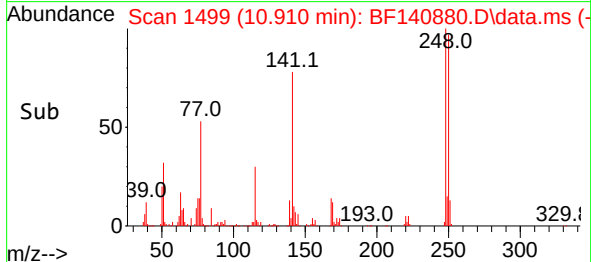
Instrument :
BNA_F
ClientSampleId :
WC-1MS



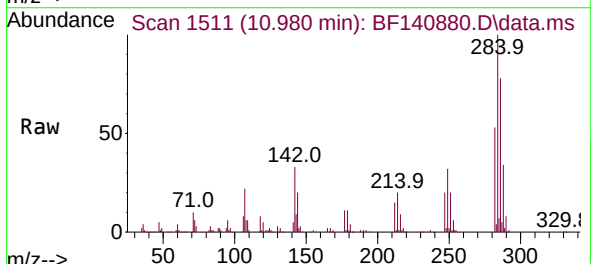
Tgt Ion:248 Resp: 12060
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.2
141 77.6 62.9 94.3

Manual Integrations
APPROVED

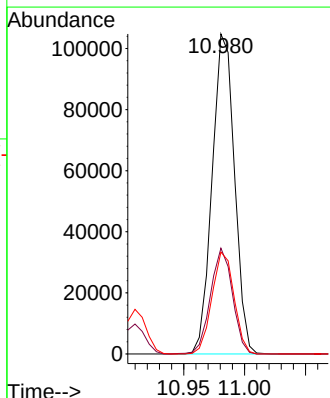
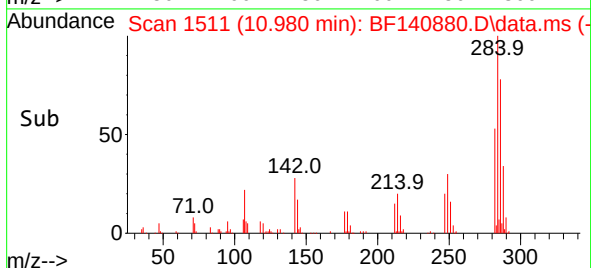
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

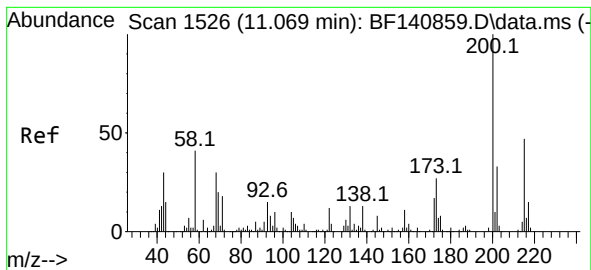


#68
Hexachlorobenzene
Concen: 53.756 ng
RT: 10.980 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



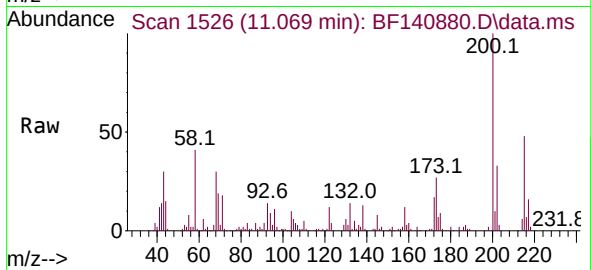
Tgt Ion:284 Resp: 133691
Ion Ratio Lower Upper
284 100
142 33.0 24.6 36.8
249 31.8 24.3 36.5





#69
Atrazine
Concen: 38.429 ng
RT: 11.069 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

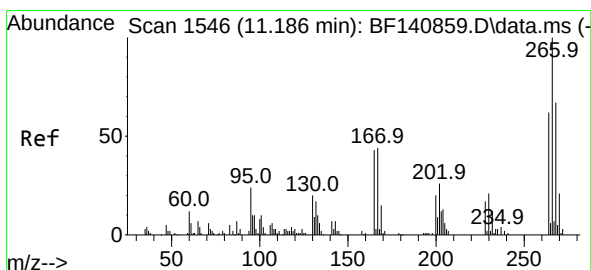
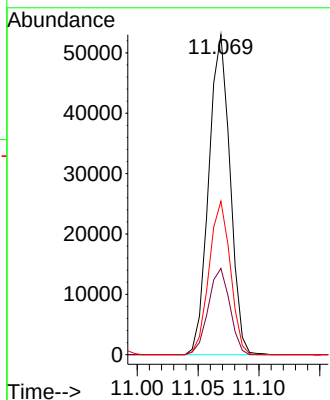
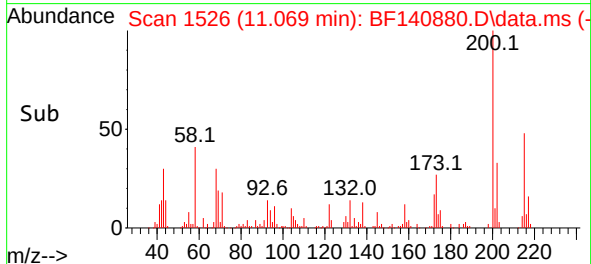
Instrument :
BNA_F
ClientSampleId :
WC-1MS



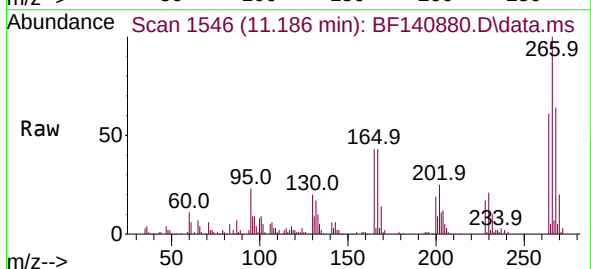
Tgt Ion:200 Resp: 6470
Ion Ratio Lower Upper
200 100
173 27.0 6.6 46.6
215 48.0 26.7 66.7

Manual Integrations
APPROVED

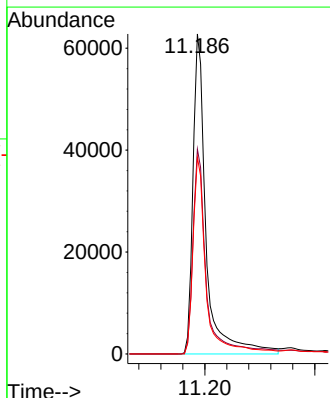
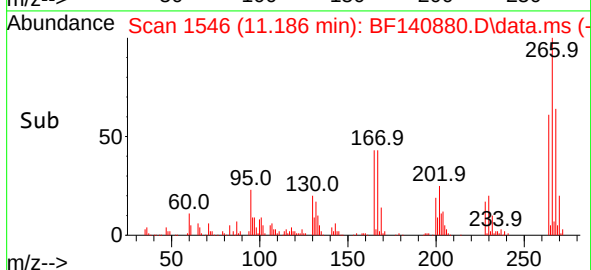
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

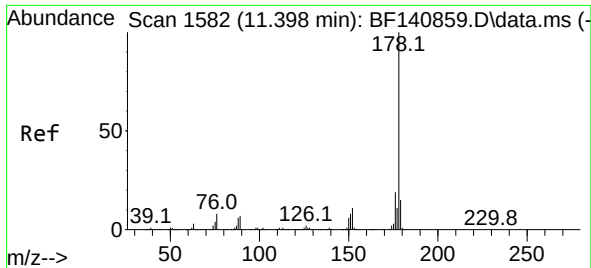


#70
Pentachlorophenol
Concen: 115.174 ng
RT: 11.186 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



Tgt Ion:266 Resp: 104724
Ion Ratio Lower Upper
266 100
268 64.0 54.0 81.0
264 61.4 49.4 74.2





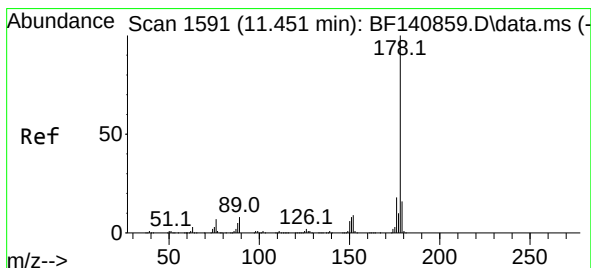
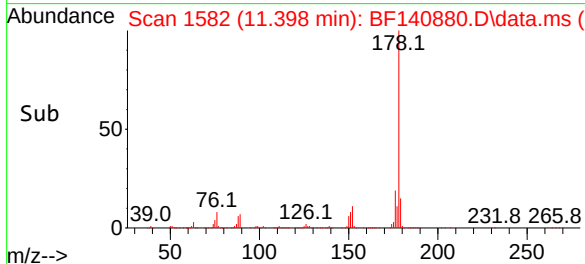
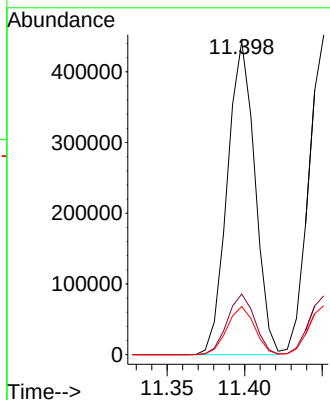
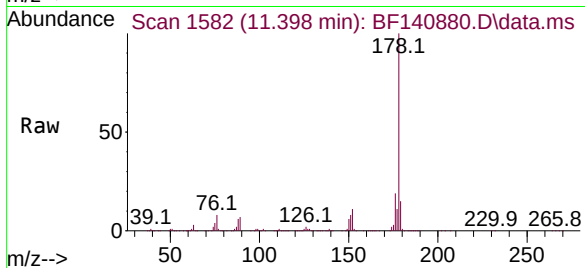
#71
Phenanthrene
Concen: 54.322 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:178 Resp: 547723
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.4 12.1 18.1

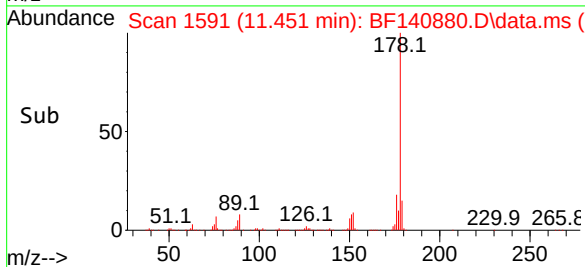
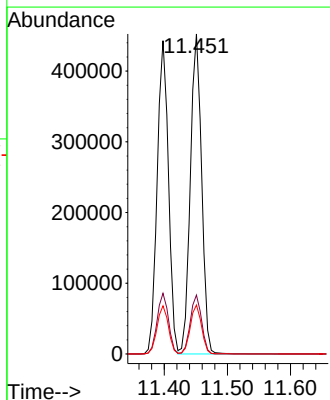
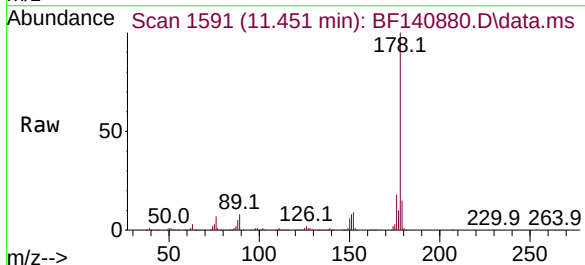
Manual Integrations
APPROVED

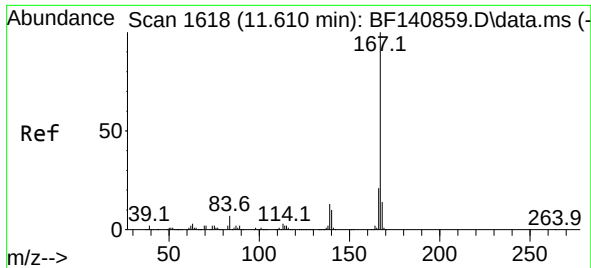
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#72
Anthracene
Concen: 56.597 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

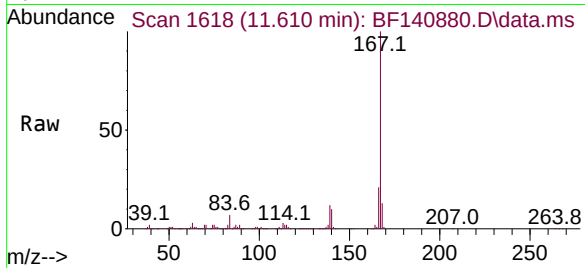
Tgt Ion:178 Resp: 561988
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.3 12.6 18.8





#73
 Carbazole
 Concen: 48.209 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF140880.D
 Acq: 17 Dec 2024 13:01

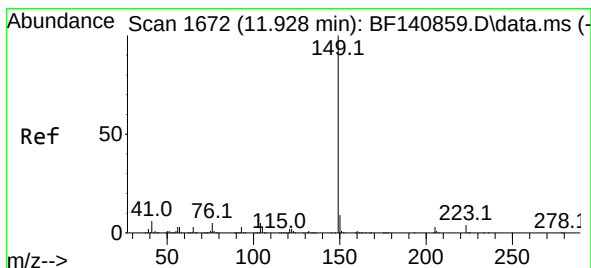
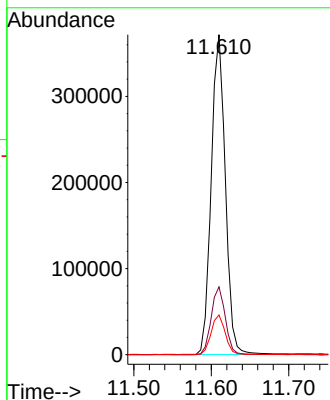
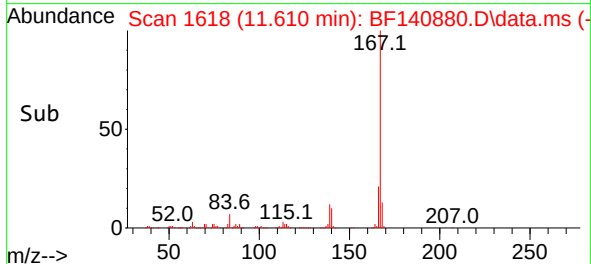
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS



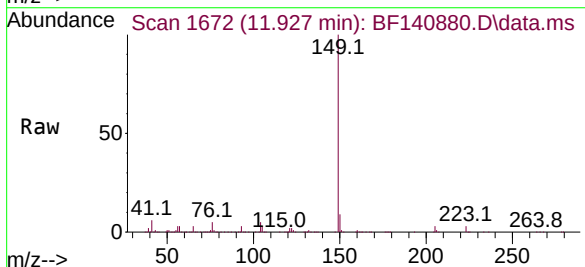
Tgt Ion:167 Resp: 468880
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 12.4 10.2 15.2

Manual Integrations
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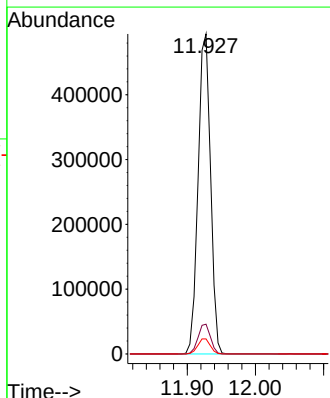
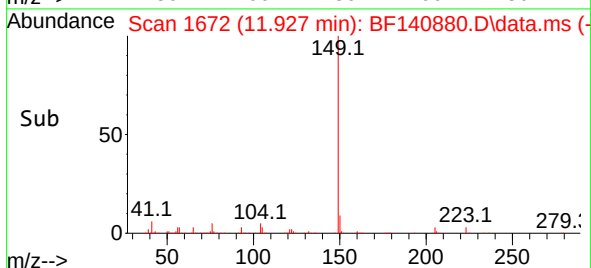
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

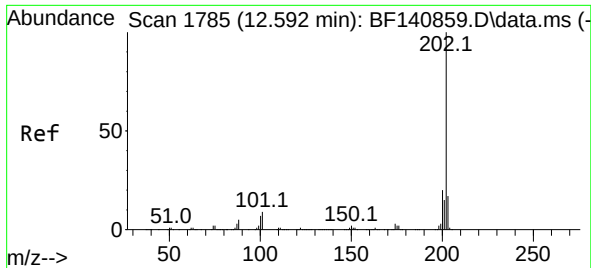


#74
 Di-n-butylphthalate
 Concen: 54.767 ng
 RT: 11.927 min Scan# 1672
 Delta R.T. -0.000 min
 Lab File: BF140880.D
 Acq: 17 Dec 2024 13:01



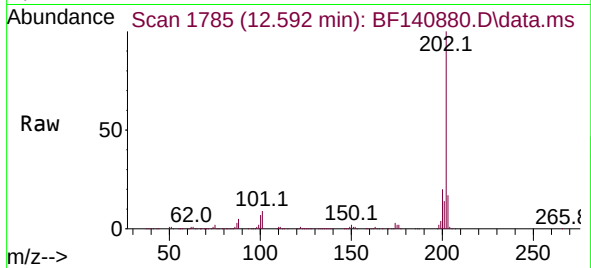
Tgt Ion:149 Resp: 625136
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 52.619 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

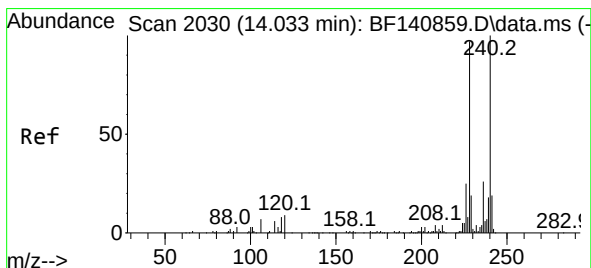
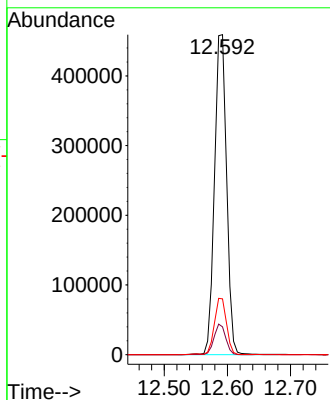
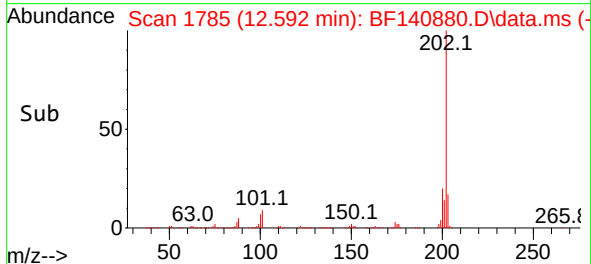
Instrument :
BNA_F
ClientSampleId :
WC-1MS



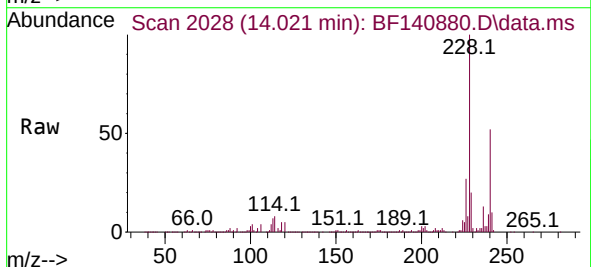
Tgt Ion:202 Resp: 61102
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.3
203 17.5 0.0 37.4

Manual Integrations
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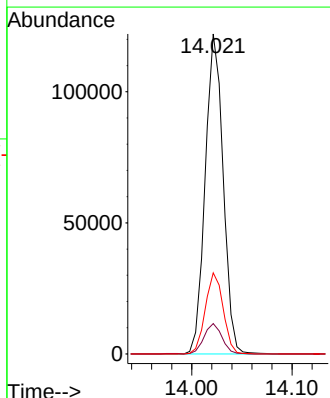
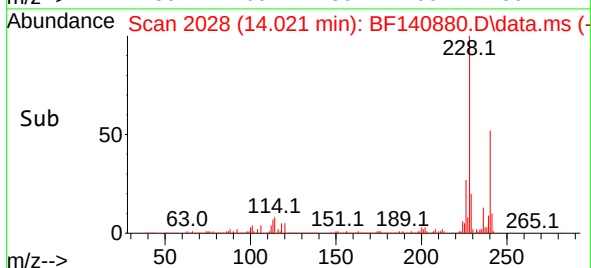
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

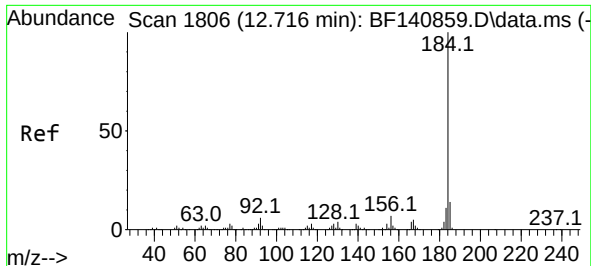


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01



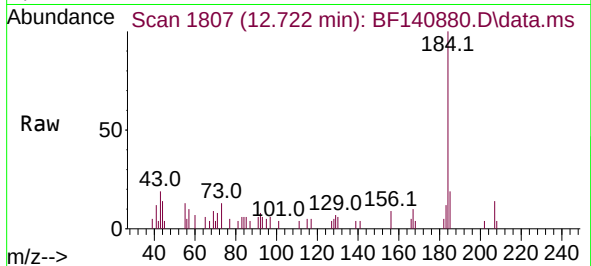
Tgt Ion:240 Resp: 151657
Ion Ratio Lower Upper
240 100
120 9.5 7.6 11.4
236 25.3 20.5 30.7





#77
Benzidine
Concen: 2.563 ng
RT: 12.722 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

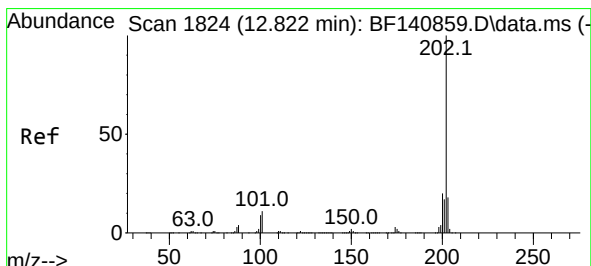
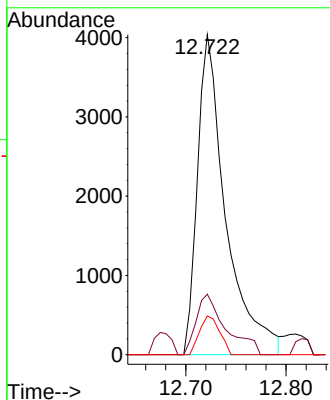
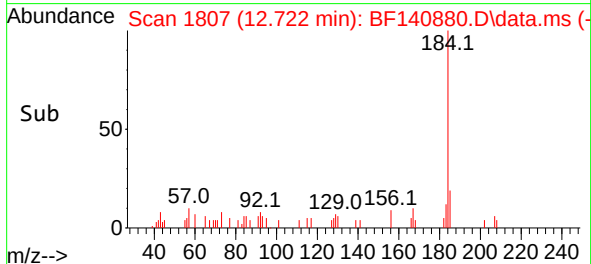
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:184 Resp: 793
Ion Ratio Lower Upper
184 100
185 18.9 11.1 16.7
183 12.1 9.0 13.4

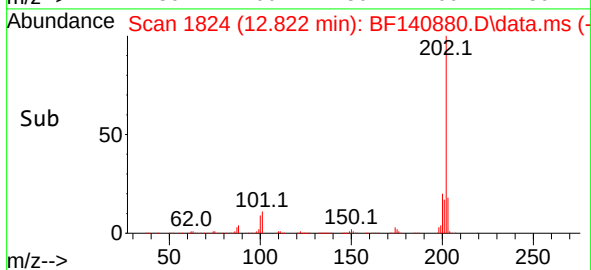
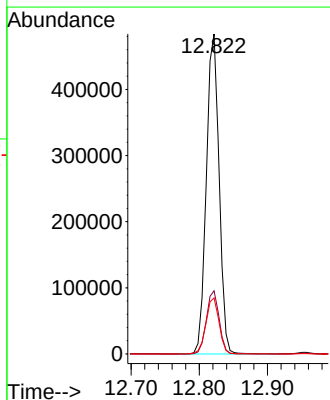
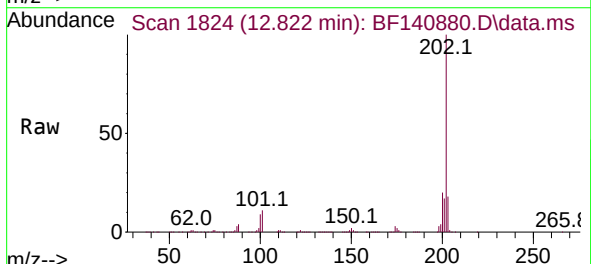
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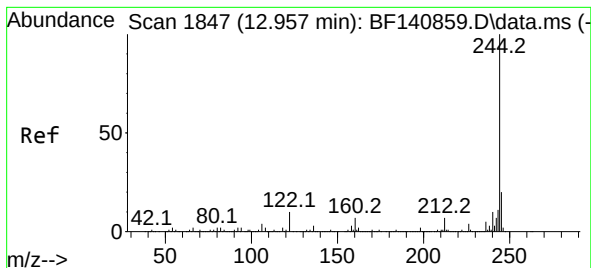
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#78
Pyrene
Concen: 46.721 ng
RT: 12.822 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Tgt Ion:202 Resp: 630095
Ion Ratio Lower Upper
202 100
200 19.7 16.1 24.1
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 91.694 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140880.D

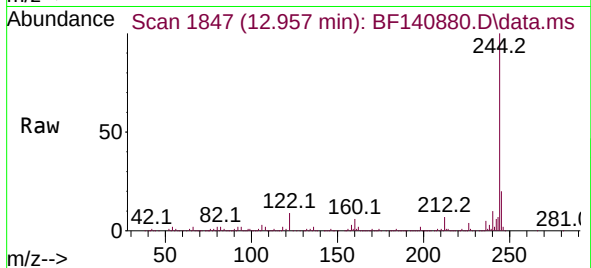
Acq: 17 Dec 2024 13:01

Instrument :

BNA_F

ClientSampleId :

WC-1MS



Tgt Ion:244 Resp: 88188

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

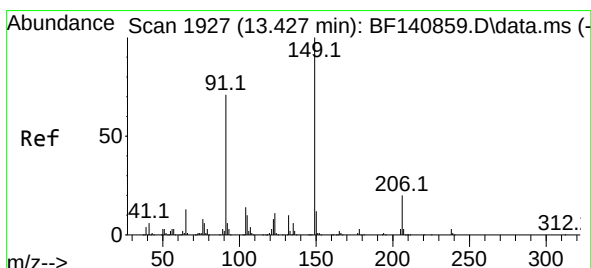
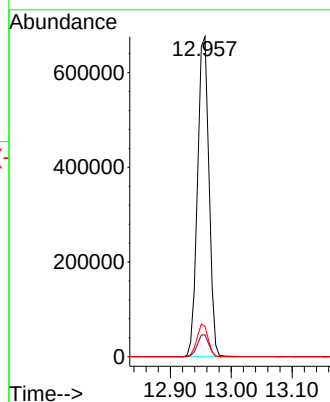
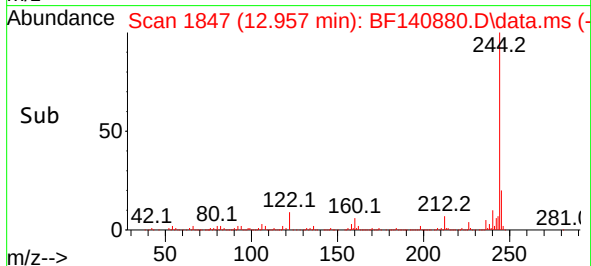
122 9.5 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#80

Butylbenzylphthalate

Concen: 54.053 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

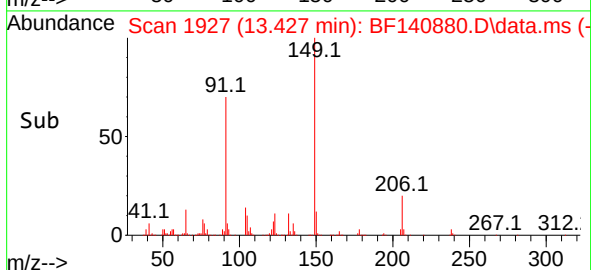
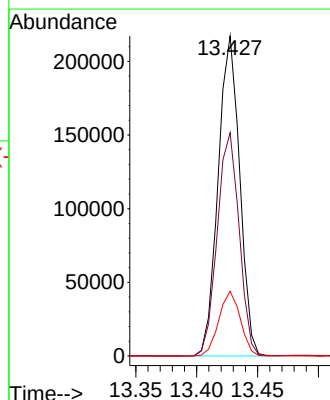
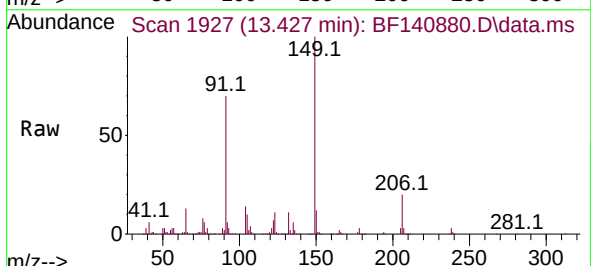
Tgt Ion:149 Resp: 268226

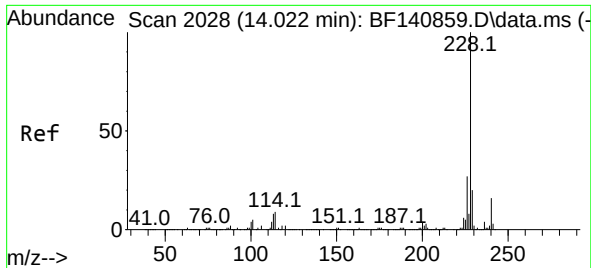
Ion Ratio Lower Upper

149 100

91 69.7 56.7 85.1

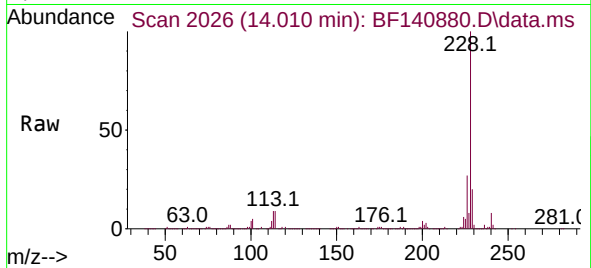
206 20.2 16.4 24.6





#81
Benzo(a)anthracene
Concen: 55.974 ng
RT: 14.010 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

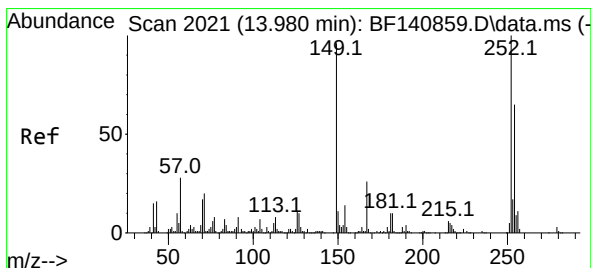
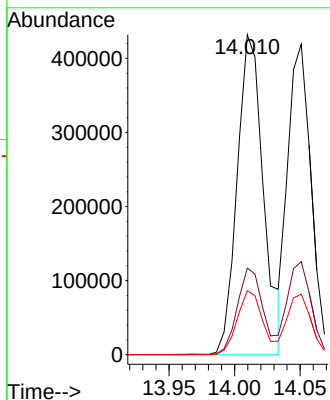
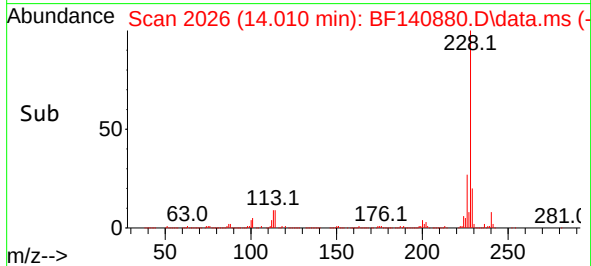
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:228 Resp: 601634
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 20.0 15.8 23.8

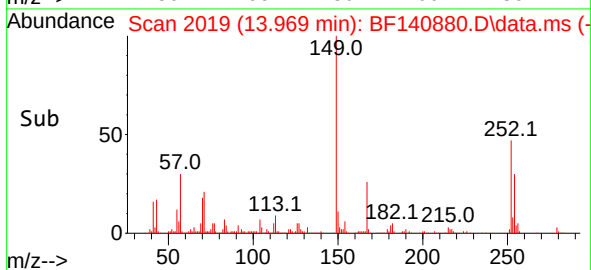
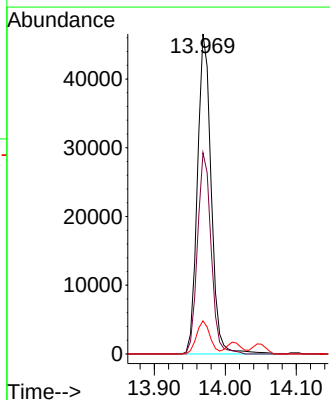
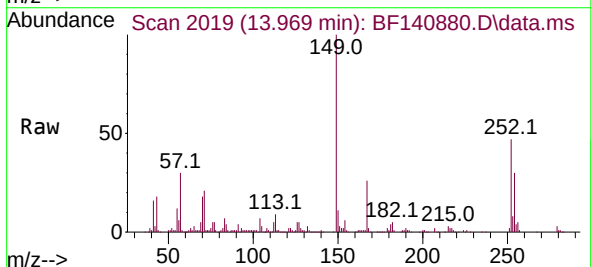
Manual Integrations
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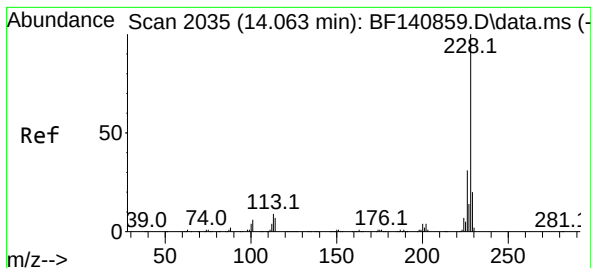
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#82
3,3'-Dichlorobenzidine
Concen: 19.354 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Tgt Ion:252 Resp: 62764
Ion Ratio Lower Upper
252 100
254 62.9 52.3 78.5
126 10.4 8.4 12.6





#83

Chrysene

Concen: 52.898 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:228 Resp: 51702

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

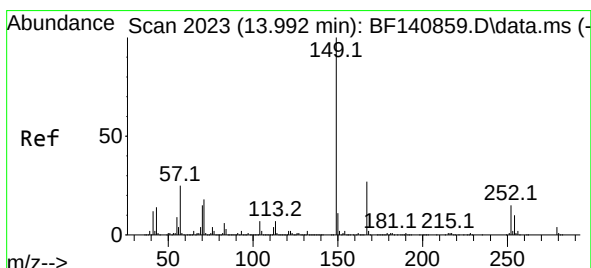
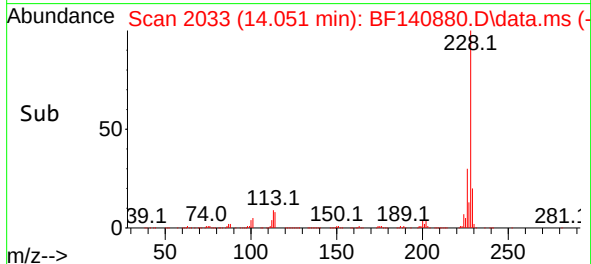
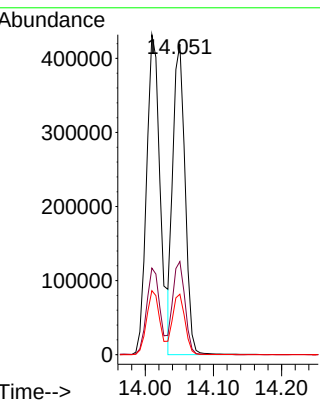
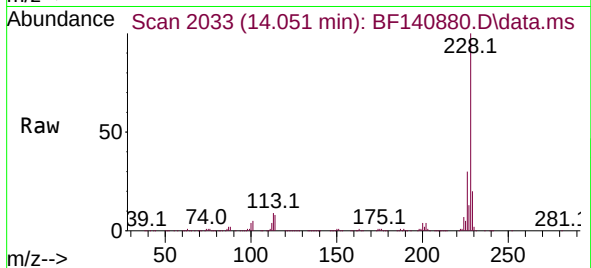
229 19.5 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.881 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

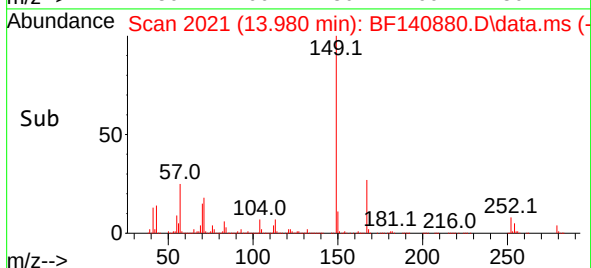
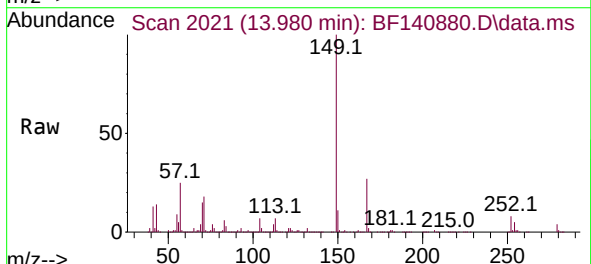
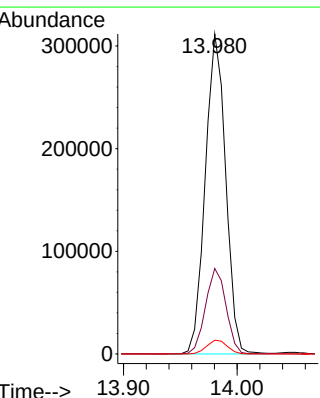
Tgt Ion:149 Resp: 389548

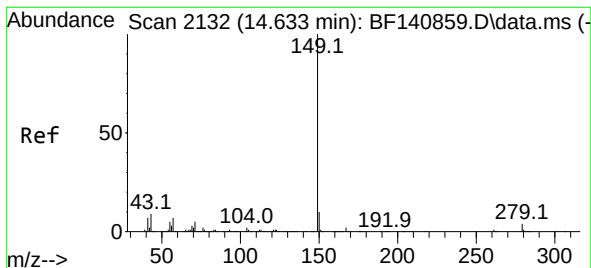
Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.8

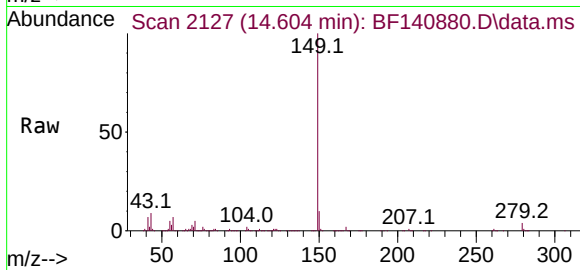
279 4.3 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 70.572 ng
RT: 14.604 min Scan# 2132
Delta R.T. -0.029 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

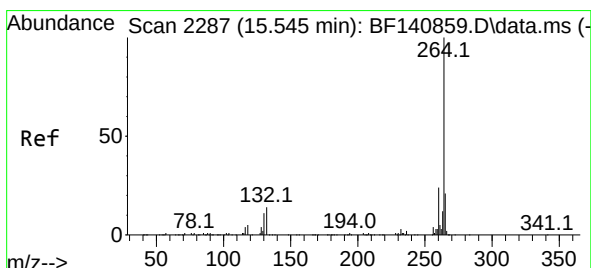
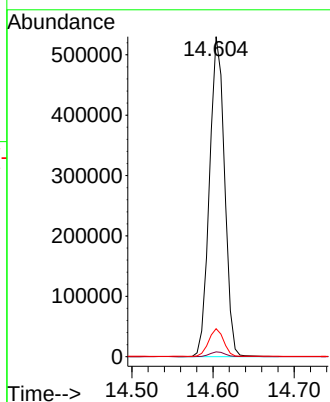
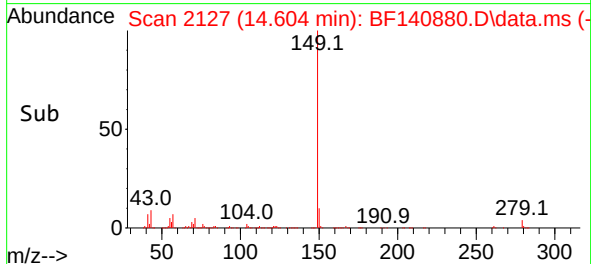
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:149 Resp: 68314
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 7.0 10.6

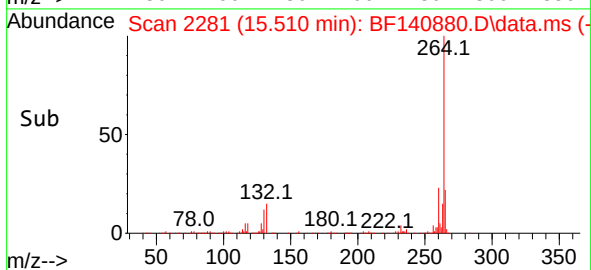
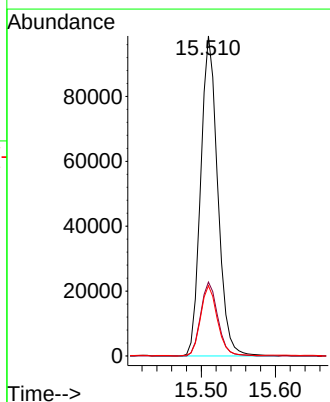
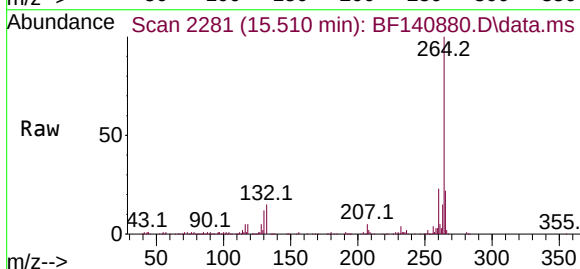
Manual Integrations
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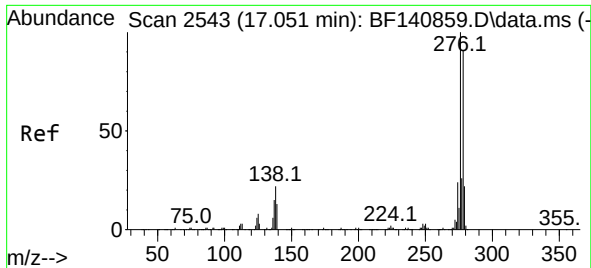
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. -0.035 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

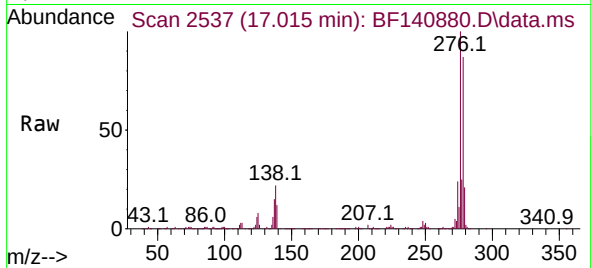
Tgt Ion:264 Resp: 157034
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 22.0 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 64.938 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

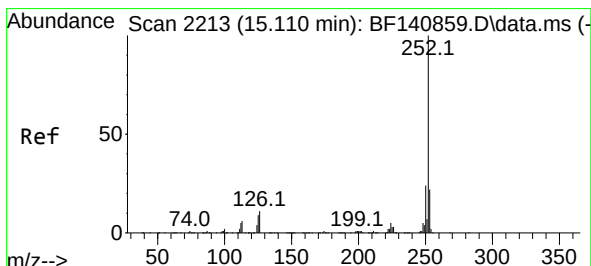
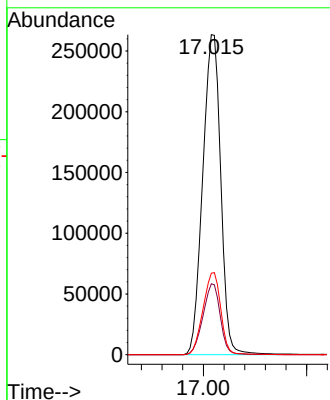
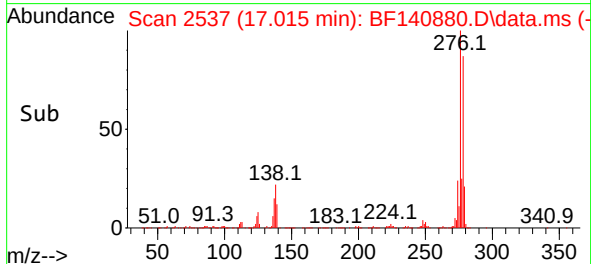
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:276 Resp: 636360
Ion Ratio Lower Upper
276 100
138 21.3 16.9 25.3
277 25.3 20.2 30.4

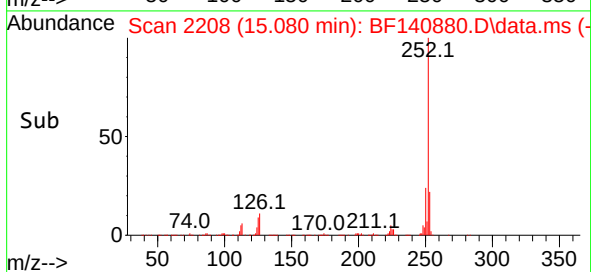
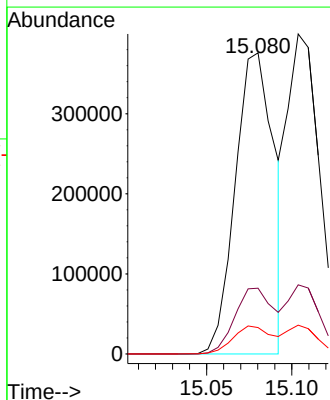
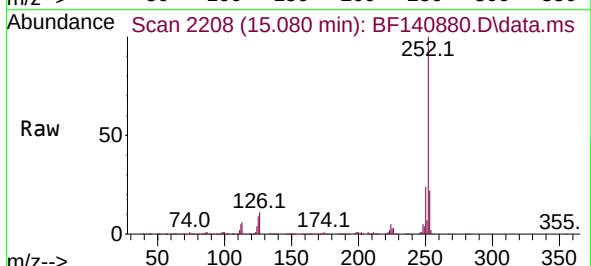
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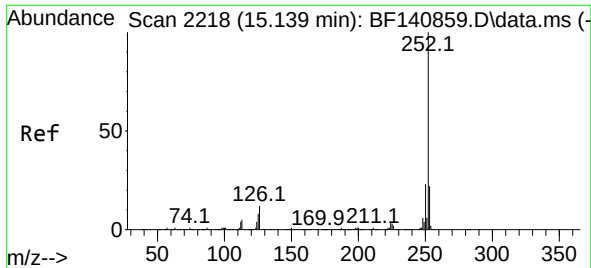
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#88
Benzo(b)fluoranthene
Concen: 54.741 ng
RT: 15.080 min Scan# 2208
Delta R.T. -0.029 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Tgt Ion:252 Resp: 596699
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 8.8 7.0 10.4





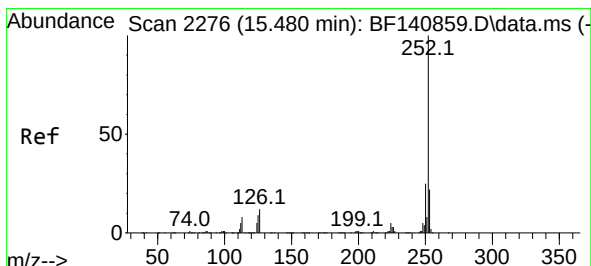
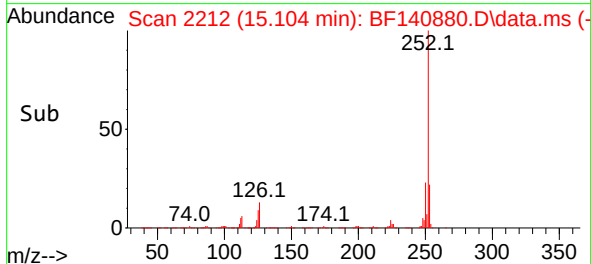
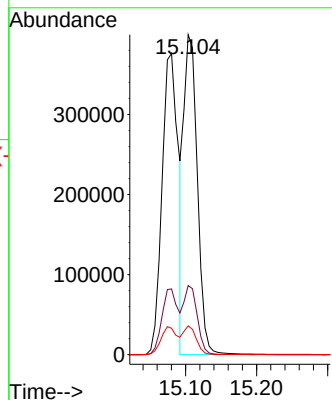
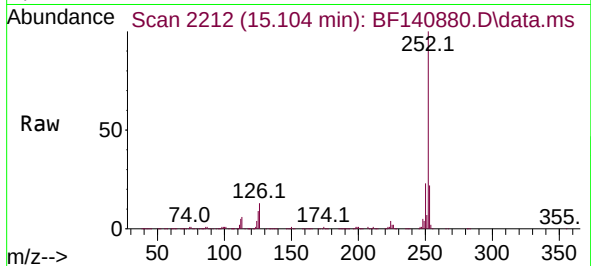
#89
Benzo(k)fluoranthene
Concen: 56.791 ng
RT: 15.104 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:252 Resp: 531024
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.0 6.8 10.2

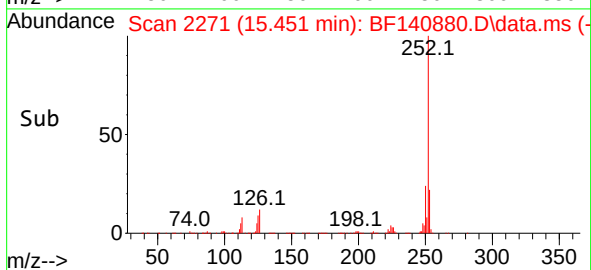
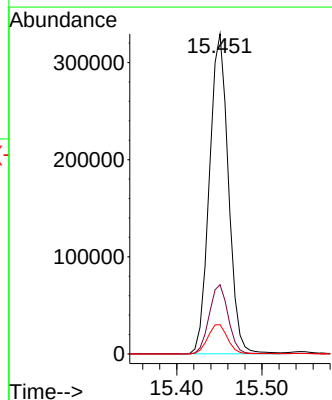
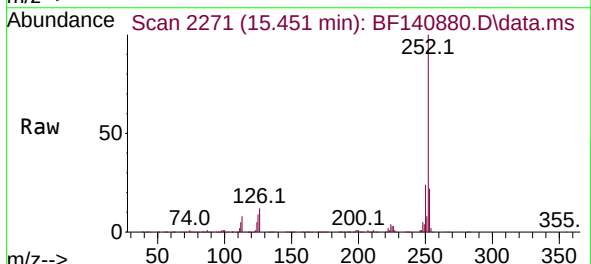
Manual Integrations
APPROVED

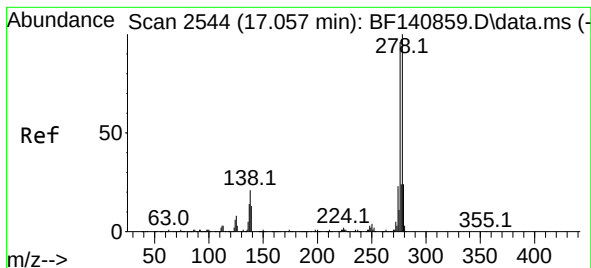
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#90
Benzo(a)pyrene
Concen: 59.778 ng
RT: 15.451 min Scan# 2271
Delta R.T. -0.029 min
Lab File: BF140880.D
Acq: 17 Dec 2024 13:01

Tgt Ion:252 Resp: 510229
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.1 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 65.323 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:278 Resp: 530320

Ion Ratio Lower Upper

278 100

139 13.6 10.6 16.0

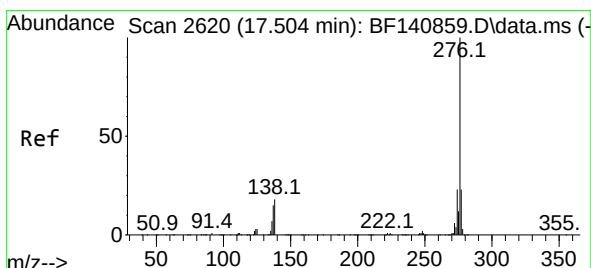
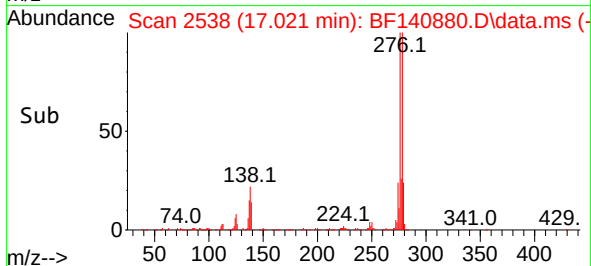
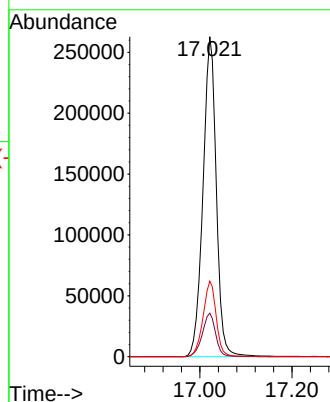
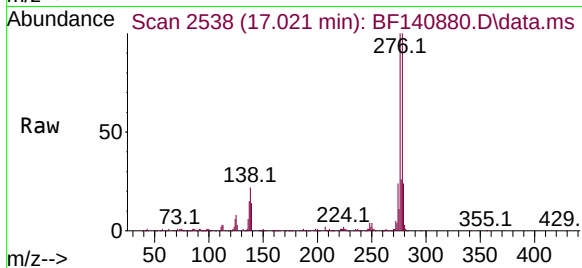
279 23.6 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#92

Benzo(g,h,i)perylene

Concen: 60.566 ng

RT: 17.468 min Scan# 2614

Delta R.T. -0.035 min

Lab File: BF140880.D

Acq: 17 Dec 2024 13:01

Tgt Ion:276 Resp: 500439

Ion Ratio Lower Upper

276 100

277 23.3 18.7 28.1

138 17.5 14.2 21.2

