

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
 Data File : BF140266.D
 Acq On : 07 Nov 2024 11:21
 Operator : RC/JU
 Sample : P4693-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 11:51:48 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Nov 05 16:47:56 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	131150	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	500686	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	299564	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	552061	20.000	ng	0.00
76) Chrysene-d12	14.063	240	317340	20.000	ng	0.00
86) Perylene-d12	15.563	264	310649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	684294	86.467	ng	0.00
7) Phenol-d6	6.498	99	890138	87.447	ng	0.00
23) Nitrobenzene-d5	7.439	82	584384	58.030	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	291822	98.554	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1072740	57.182	ng	0.00
79) Terphenyl-d14	12.992	244	1245585	64.298	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	153933	42.308	ng	97
3) Pyridine	3.452	79	391950	44.149	ng	96
4) n-Nitrosodimethylamine	3.410	42	234713	45.792	ng	95
6) Aniline	6.540	93	525005	57.087	ng	98
8) 2-Chlorophenol	6.663	128	423921	51.196	ng	94
9) Benzaldehyde	6.428	77	63141	10.070	ng	95
10) Phenol	6.516	94	553873	51.233	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	401118	48.842	ng	97
12) 1,3-Dichlorobenzene	6.816	146	457546	47.153	ng	98
13) 1,4-Dichlorobenzene	6.892	146	459631	46.966	ng	100
14) 1,2-Dichlorobenzene	7.045	146	449401	49.166	ng	98
15) Benzyl Alcohol	7.016	79	395750	50.433	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	645948	48.591	ng	98
17) 2-Methylphenol	7.122	107	349663	50.621	ng	98
18) Hexachloroethane	7.387	117	170815	46.857	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	312291	48.090	ng	97
20) 3+4-Methylphenols	7.275	107	435120	50.156	ng	93
22) Acetophenone	7.287	105	587224	47.304	ng	# 92
24) Nitrobenzene	7.457	77	479060	45.336	ng	97
25) Isophorone	7.692	82	849809	49.009	ng	100
26) 2-Nitrophenol	7.775	139	223288	53.121	ng	95
27) 2,4-Dimethylphenol	7.804	122	343923	60.143	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	500330	48.217	ng	99
29) 2,4-Dichlorophenol	8.010	162	359124	50.765	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	388363	45.813	ng	99
31) Naphthalene	8.181	128	1232093	47.655	ng	100
32) Benzoic acid	7.922	122	245299	52.270	ng	96
33) 4-Chloroaniline	8.228	127	405299	47.617	ng	97
34) Hexachlorobutadiene	8.298	225	260818	45.455	ng	99
35) Caprolactam	8.592	113	118596m	55.109	ng	
36) 4-Chloro-3-methylphenol	8.704	107	398311	50.570	ng	98
37) 2-Methylnaphthalene	8.869	142	832558	49.340	ng	100
38) 1-Methylnaphthalene	8.969	142	771236	46.631	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	412156	46.998	ng	99
41) Hexachlorocyclopentadiene	9.022	237	477410	194.273	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	274347	50.483	ng	98

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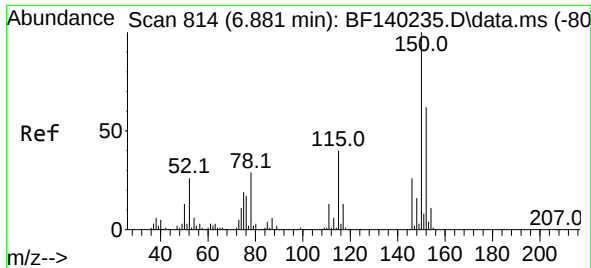
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 11:51:48 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	283827	49.672	ng	98
46) 1,1'-Biphenyl	9.339	154	1025045	47.340	ng	99
47) 2-Chloronaphthalene	9.363	162	759316	46.592	ng	99
48) 2-Nitroaniline	9.457	65	270736	49.674	ng	95
49) Acenaphthylene	9.781	152	1203092	52.143	ng	100
50) Dimethylphthalate	9.639	163	924982	50.137	ng	100
51) 2,6-Dinitrotoluene	9.704	165	208762	48.139	ng	94
52) Acenaphthene	9.951	154	914306	55.868	ng	99
53) 3-Nitroaniline	9.869	138	186695	45.720	ng	99
54) 2,4-Dinitrophenol	9.981	184	247089	113.334	ng	88
55) Dibenzofuran	10.128	168	1137268	49.696	ng	98
56) 4-Nitrophenol	10.033	139	337156	117.429	ng	96
57) 2,4-Dinitrotoluene	10.104	165	289241	51.398	ng	96
58) Fluorene	10.469	166	895167	49.141	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	254827	54.439	ng	97
60) Diethylphthalate	10.345	149	910220	49.648	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	439144	47.833	ng	98
62) 4-Nitroaniline	10.492	138	218354	53.810	ng	94
63) Azobenzene	10.622	77	988314	52.003	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	170210	58.704	ng	98
66) n-Nitrosodiphenylamine	10.580	169	774971	48.807	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	291861	49.095	ng	98
68) Hexachlorobenzene	11.016	284	326453	48.176	ng	96
69) Atrazine	11.104	200	279706	64.387	ng	98
70) Pentachlorophenol	11.210	266	381238	104.774	ng	98
71) Phenanthrene	11.433	178	1317375	50.002	ng	100
72) Anthracene	11.486	178	1329677	51.469	ng	100
73) Carbazole	11.639	167	1164097	49.315	ng	100
74) Di-n-butylphthalate	11.969	149	1421178	50.862	ng	100
75) Fluoranthene	12.622	202	1330663	48.302	ng	100
77) Benzidine	12.745	184	661351	106.591	ng	98
78) Pyrene	12.851	202	1342741	51.246	ng	99
80) Butylbenzylphthalate	13.469	149	514185	54.498	ng	97
81) Benzo(a)anthracene	14.051	228	1046546	51.388	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	303363	47.434	ng	100
83) Chrysene	14.086	228	952852	49.963	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	668335	50.542	ng	100
85) Di-n-octyl phthalate	14.674	149	975115	48.993	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	908857	49.841	ng	99
88) Benzo(b)fluoranthene	15.127	252	990577	52.717	ng	99
89) Benzo(k)fluoranthene	15.157	252	785185	45.538	ng	100
90) Benzo(a)pyrene	15.504	252	832233	53.718	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	738261	49.209	ng	99
92) Benzo(g,h,i)perylene	17.533	276	669402	43.740	ng	99

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



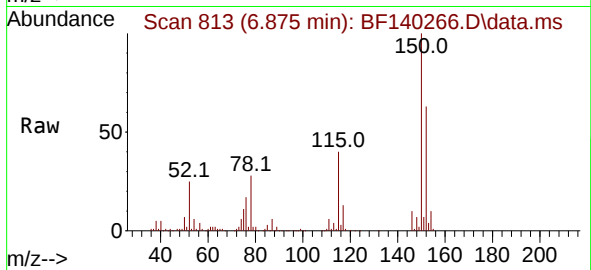
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

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BP-G4-WCMS



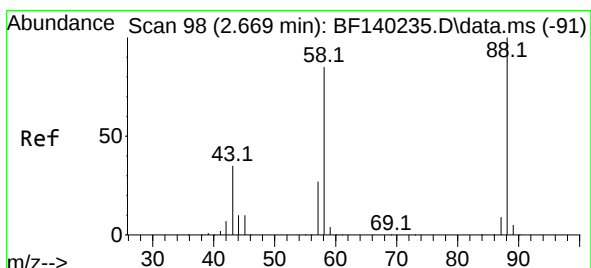
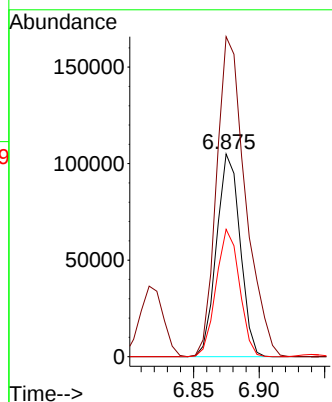
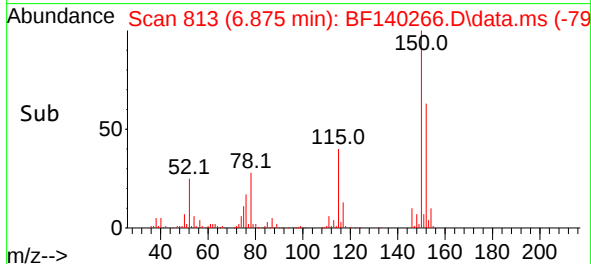
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Ion Ratio Lower Upper
152 100
150 157.8 129.4 194.2
115 62.8 51.5 77.3

Manual Integrations

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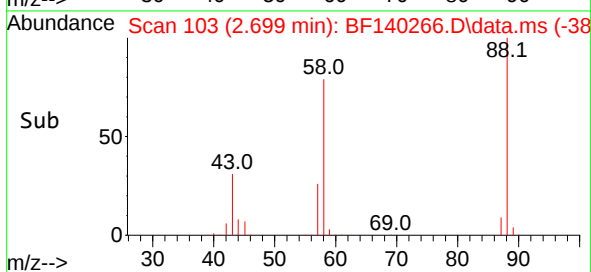
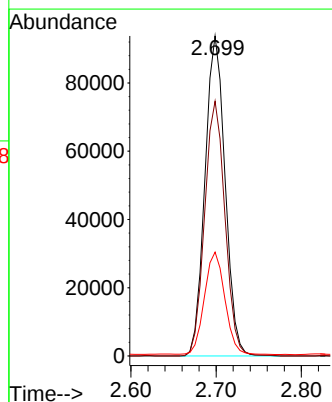
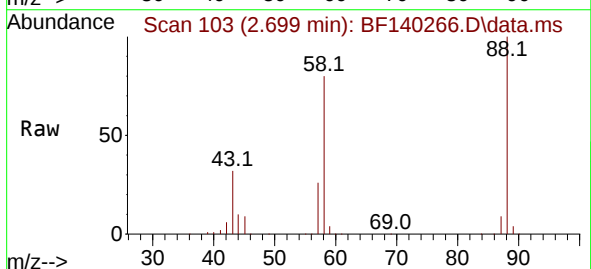
Reviewed By :Yogesh Patel 11/08/2024

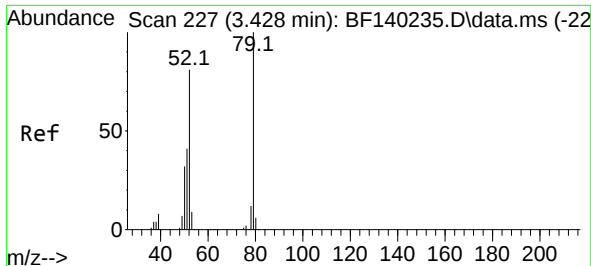
Supervised By :mohammad ahmed 11/11/2024



#2
1,4-Dioxane
Concen: 42.308 ng
RT: 2.699 min Scan# 103
Delta R.T. 0.029 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion: 88 Resp: 153933
Ion Ratio Lower Upper
88 100
58 80.4 66.7 100.1
43 32.7 27.8 41.8





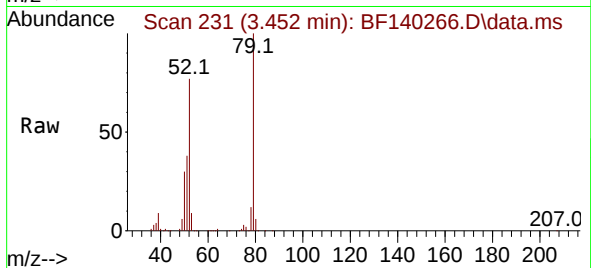
#3
Pyridine
Concen: 44.149 ng
RT: 3.452 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

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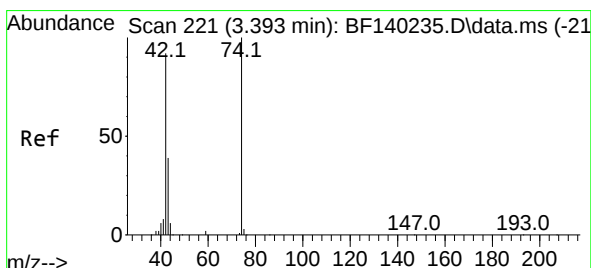
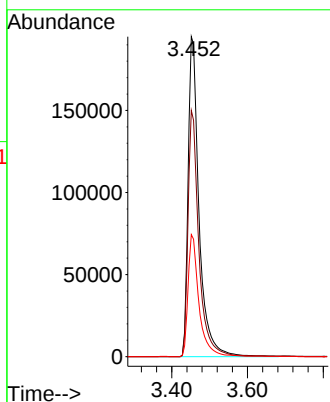
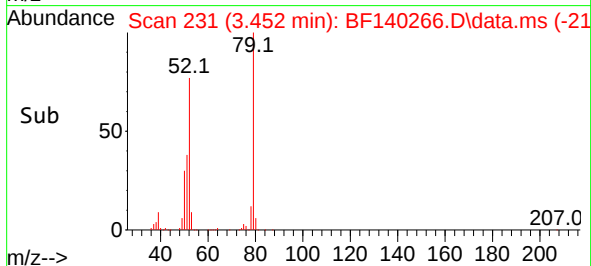


Tgt Ion: 79 Resp: 391950
Ion Ratio Lower Upper
79 100
52 77.0 64.6 97.0
51 38.2 32.5 48.7

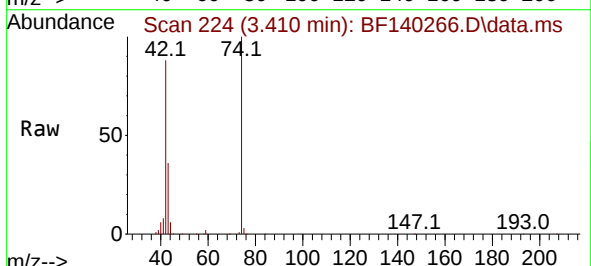
Manual Integrations

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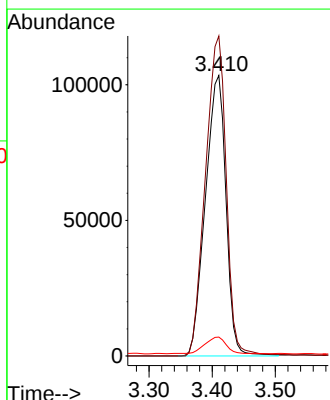
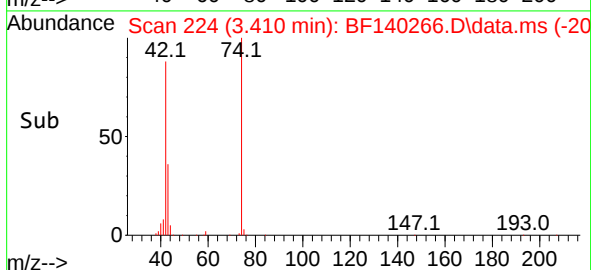
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

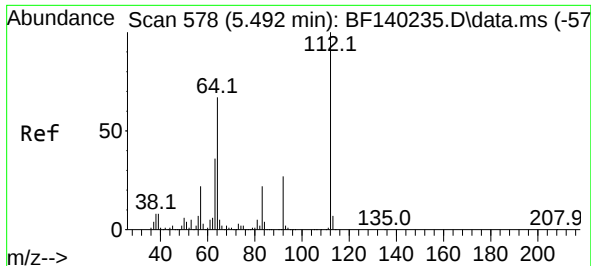


#4
n-Nitrosodimethylamine
Concen: 45.792 ng
RT: 3.410 min Scan# 224
Delta R.T. 0.018 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21



Tgt Ion: 42 Resp: 234713
Ion Ratio Lower Upper
42 100
74 114.1 86.9 130.3
44 6.7 5.0 7.6





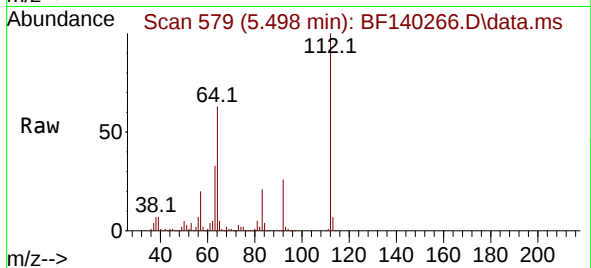
#5
2-Fluorophenol
Concen: 86.467 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS



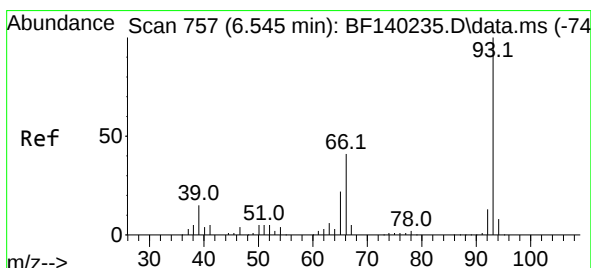
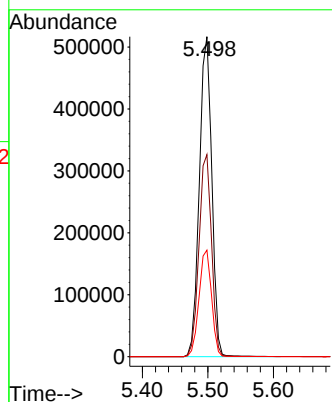
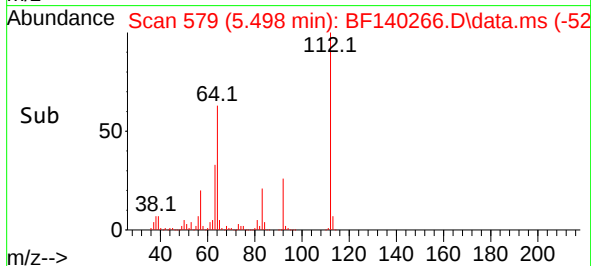
Tgt Ion: 112 Resp: 684294
Ion Ratio Lower Upper
112 100
64 63.2 53.4 80.2
63 33.3 28.9 43.3

Manual Integrations

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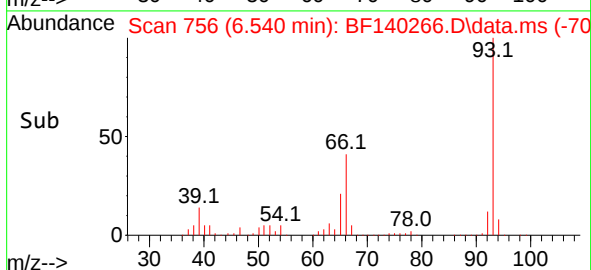
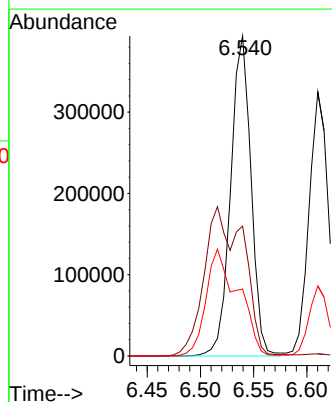
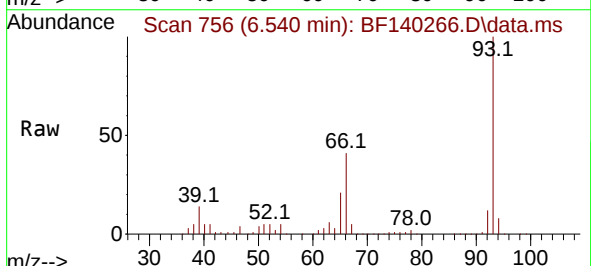
Reviewed By :Yogesh Patel 11/08/2024

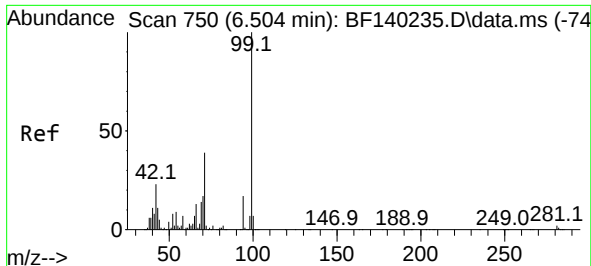
Supervised By :mohammad ahmed 11/11/2024



#6
Aniline
Concen: 57.087 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

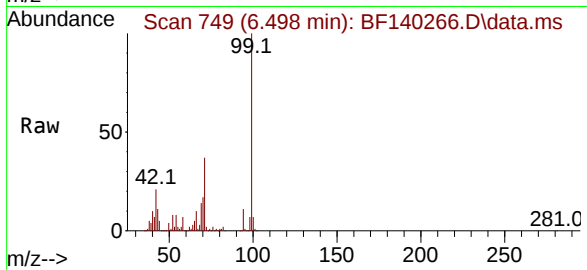
Tgt Ion: 93 Resp: 525005
Ion Ratio Lower Upper
93 100
66 40.6 33.6 50.4
65 20.9 17.5 26.3





#7
Phenol-d6
Concen: 87.447 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

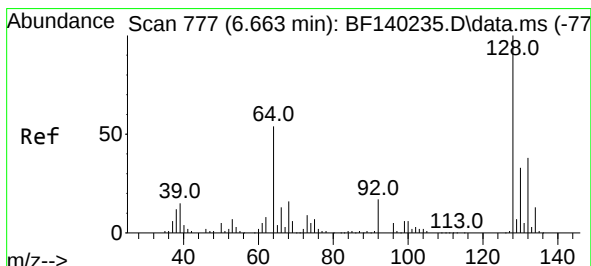
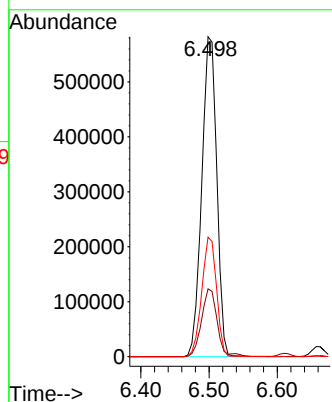
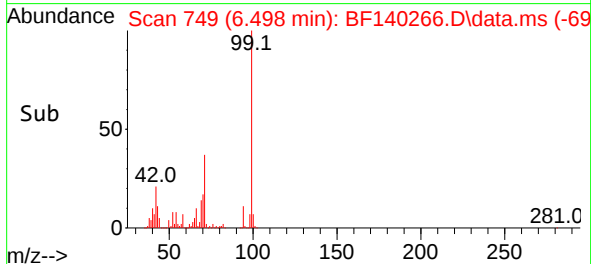
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMS



Tgt Ion: 99 Resp: 890138
Ion Ratio Lower Upper
99 100
42 21.2 18.2 27.2
71 37.3 30.9 46.3

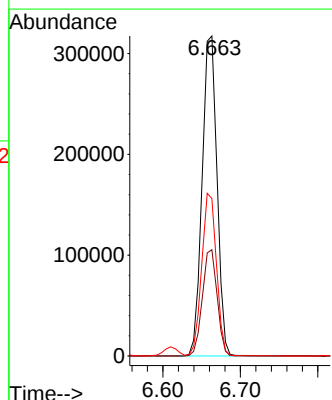
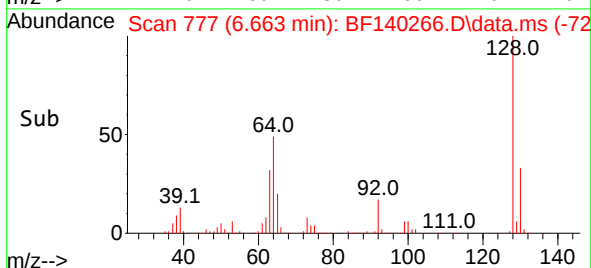
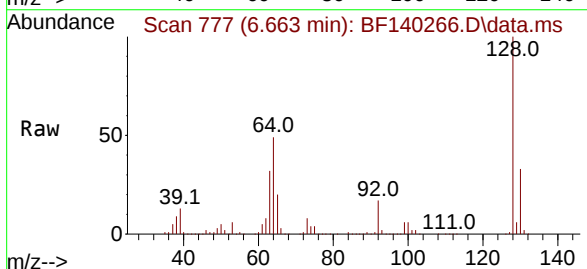
Manual Integrations
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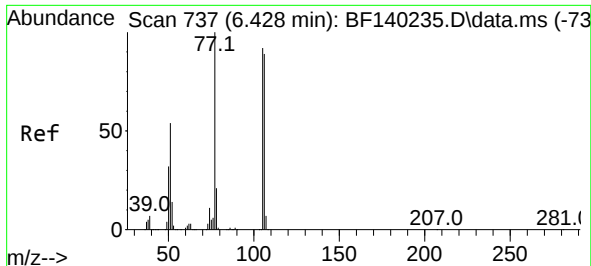
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#8
2-Chlorophenol
Concen: 51.196 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

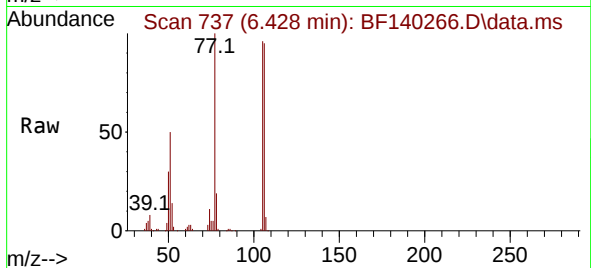
Tgt Ion:128 Resp: 423921
Ion Ratio Lower Upper
128 100
130 33.2 12.9 52.9
64 49.2 36.3 76.3





#9
Benzaldehyde
Concen: 10.070 ng
RT: 6.428 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

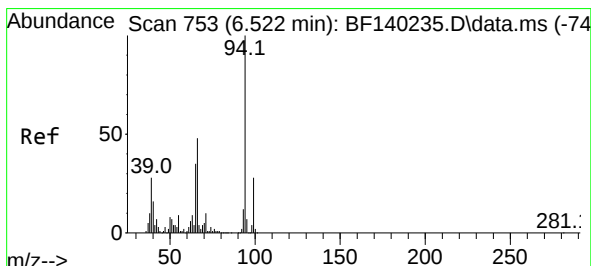
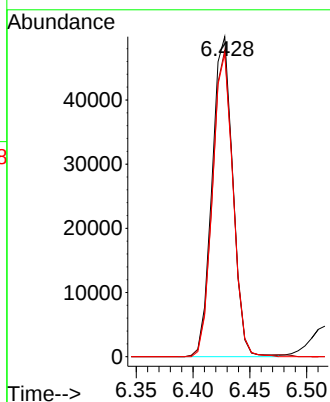
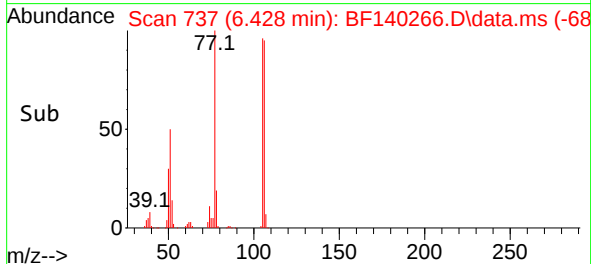
Instrument :
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BP-G4-WCMS



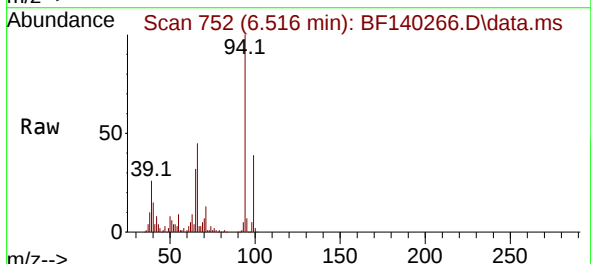
Tgt Ion: 77 Resp: 6314
Ion Ratio Lower Upper
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105 95.8 72.1 112.1
106 94.7 68.8 108.8

Manual Integrations
APPROVED

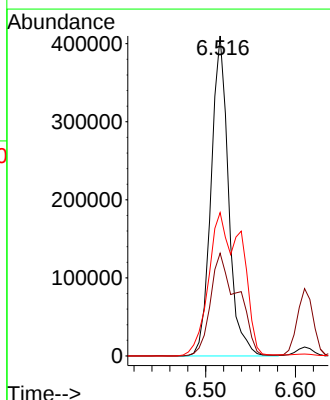
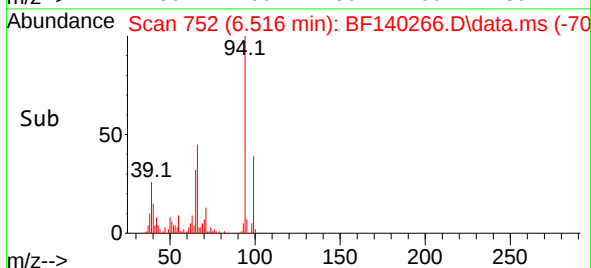
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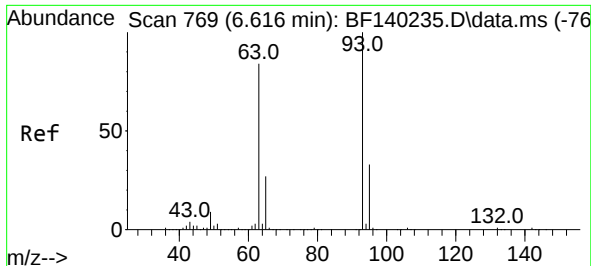


#10
Phenol
Concen: 51.233 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21



Tgt Ion: 94 Resp: 553873
Ion Ratio Lower Upper
94 100
65 32.1 15.1 55.1
66 44.8 28.8 68.8





#11
bis(2-Chloroethyl)ether
Concen: 48.842 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

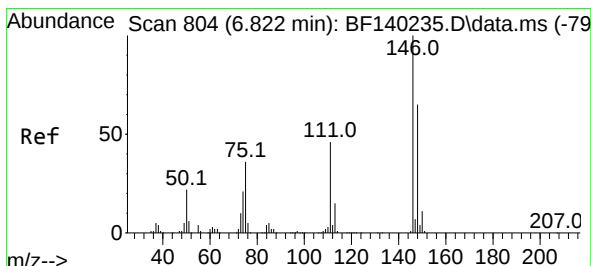
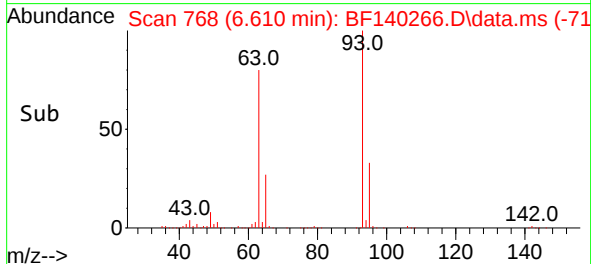
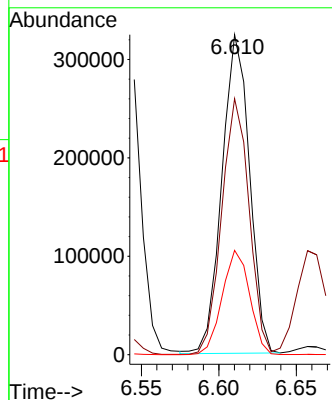
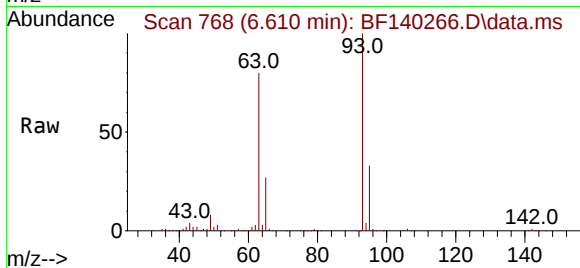
ClientSampleId :

BP-G4-WCMS

Tgt Ion: 93 Resp: 401118
Ion Ratio Lower Upper
93 100
63 80.0 63.6 103.6
95 32.6 12.7 52.7

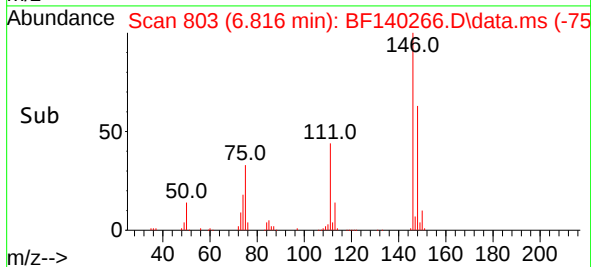
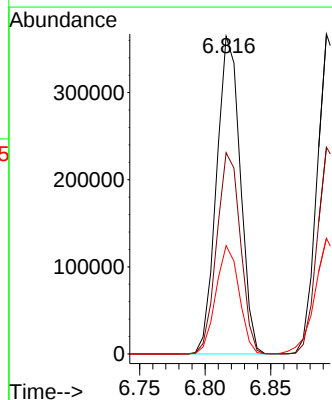
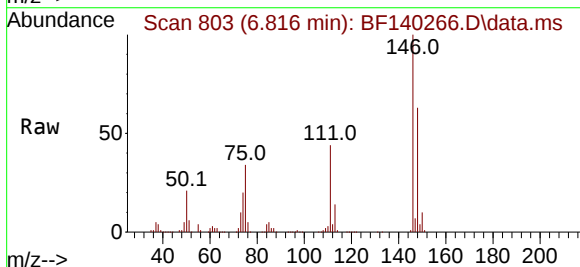
Manual Integrations
APPROVED

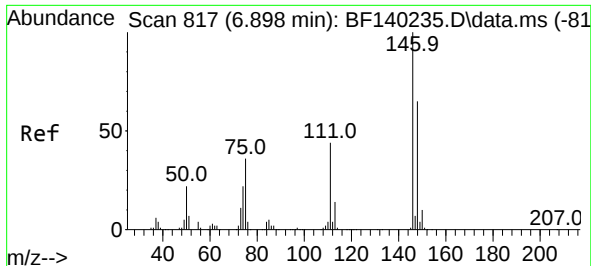
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#12
1,3-Dichlorobenzene
Concen: 47.153 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:146 Resp: 457546
Ion Ratio Lower Upper
146 100
148 63.4 51.7 77.5
75 34.1 28.4 42.6





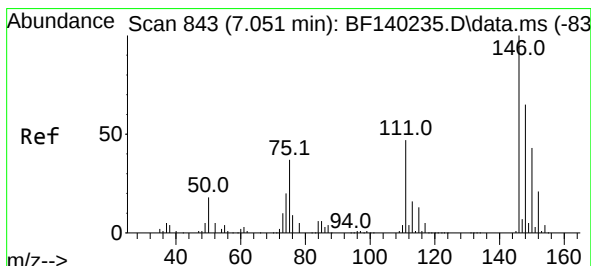
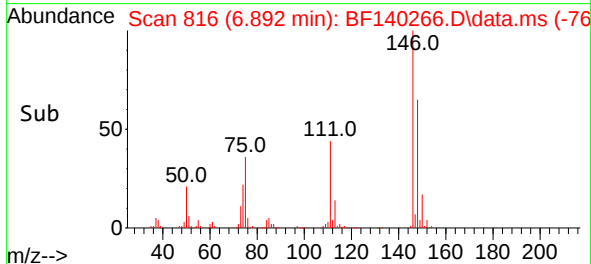
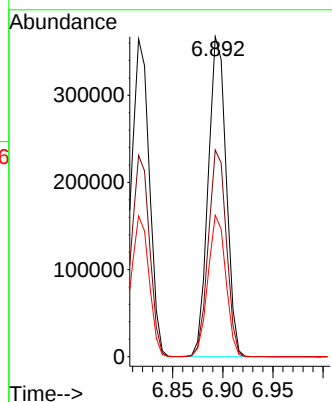
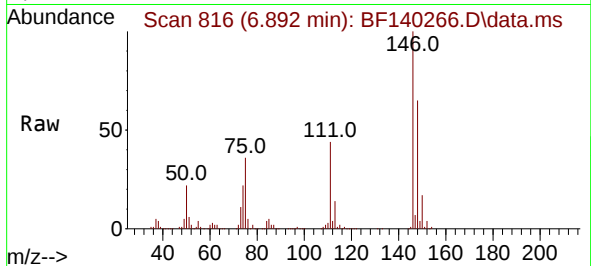
#13
1,4-Dichlorobenzene
Concen: 46.966 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMS

Tgt Ion:146 Resp: 45963
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
111 44.2 35.4 53.2

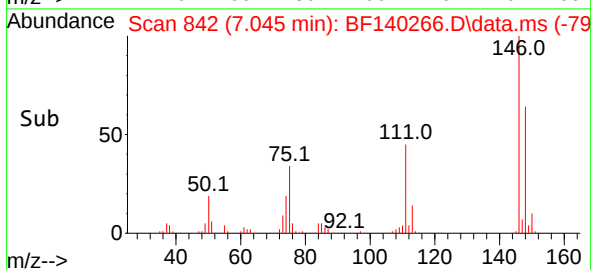
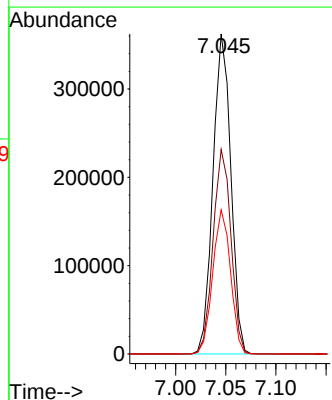
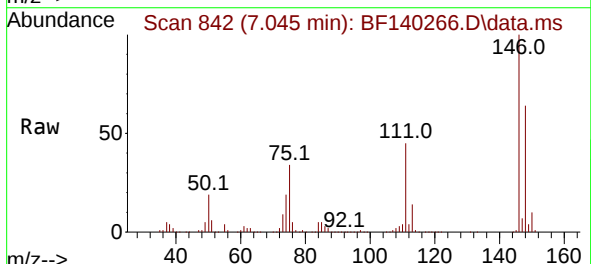
Manual Integrations
APPROVED

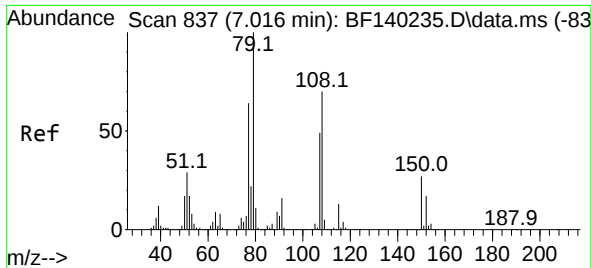
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#14
1,2-Dichlorobenzene
Concen: 49.166 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:146 Resp: 449401
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.6
111 45.1 37.9 56.9





#15
Benzyl Alcohol
Concen: 50.433 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

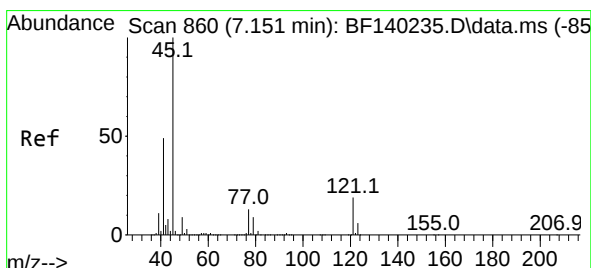
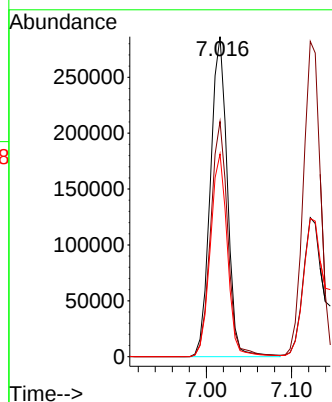
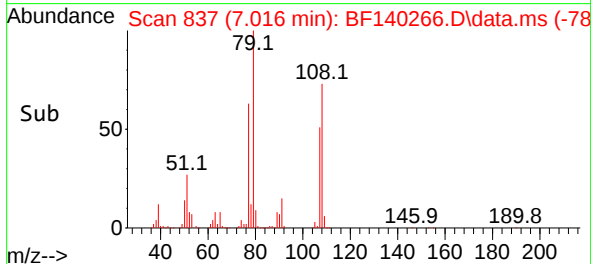
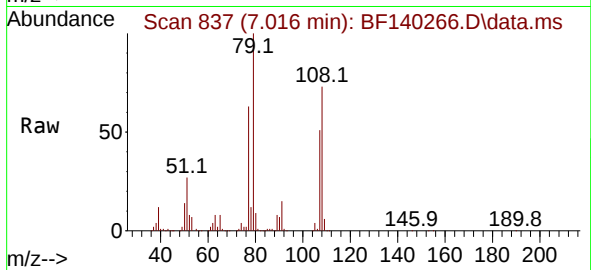
BP-G4-WCMS

Tgt Ion: 79 Resp: 395750
Ion Ratio Lower Upper
79 100
108 73.5 55.8 83.6
77 63.4 51.1 76.7

Manual Integrations

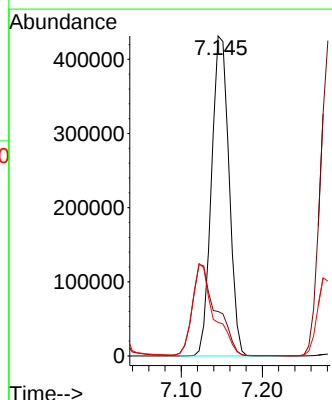
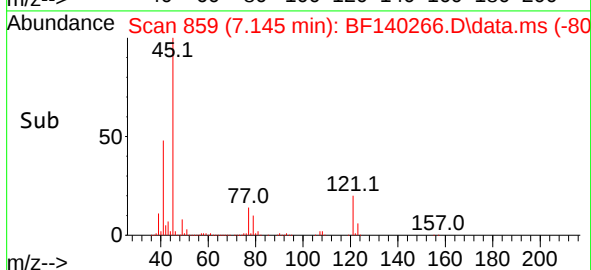
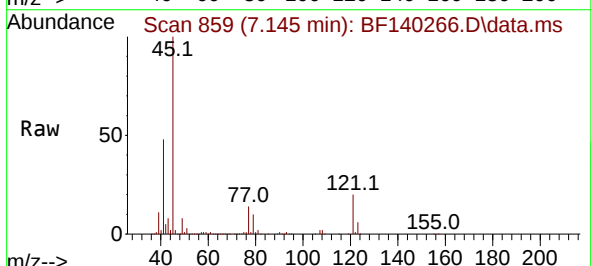
APPROVED

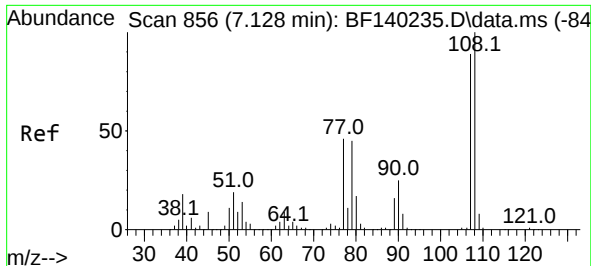
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.591 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion: 45 Resp: 645948
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.3
79 10.5 0.0 29.9





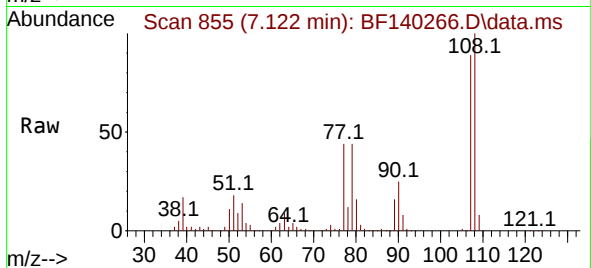
#17
2-Methylphenol
Concen: 50.621 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS

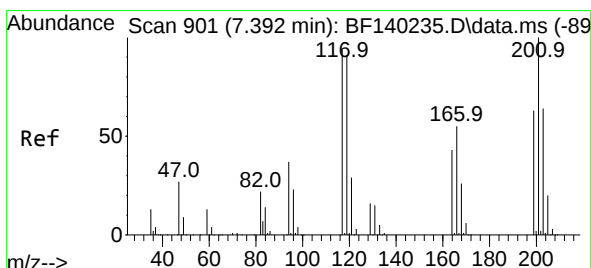
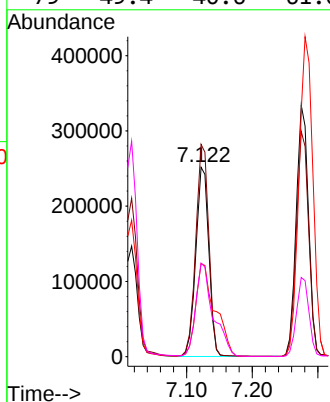
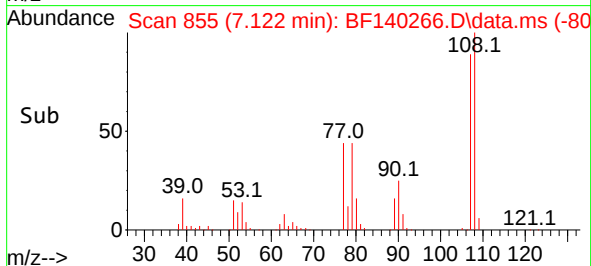


Tgt Ion:107 Resp: 34966
Ion Ratio Lower Upper
107 100
108 112.1 90.5 135.7
77 49.2 41.8 62.6
79 49.4 40.6 61.0

Manual Integrations

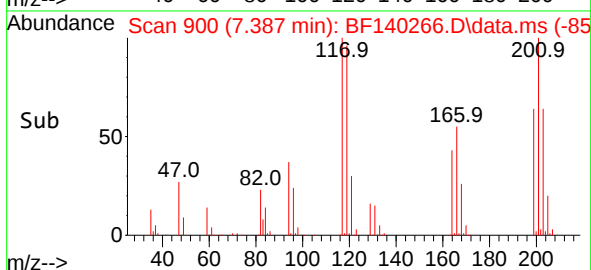
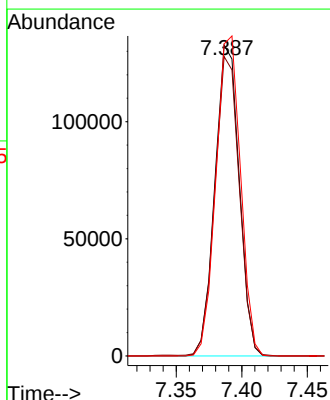
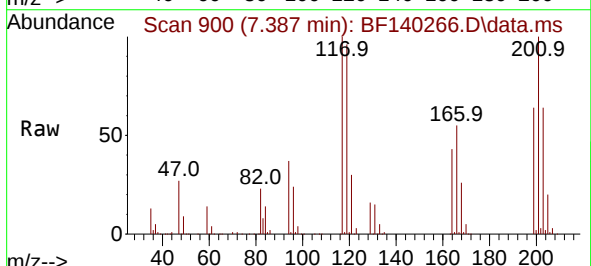
APPROVED

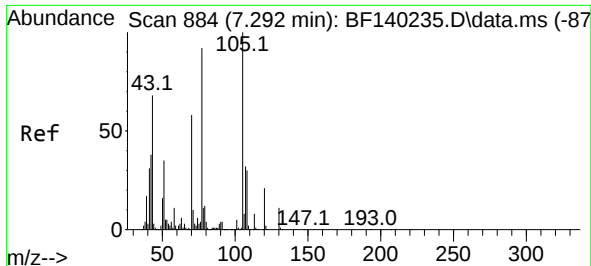
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#18
Hexachloroethane
Concen: 46.857 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:117 Resp: 170815
Ion Ratio Lower Upper
117 100
119 96.3 77.3 115.9
201 100.4 85.1 127.7





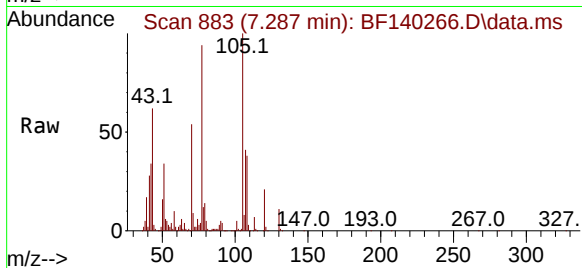
#19
n-Nitroso-di-n-propylamine
Concen: 48.090 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS

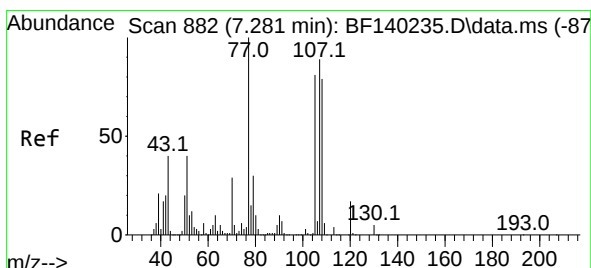
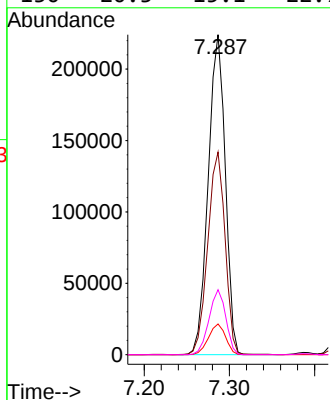
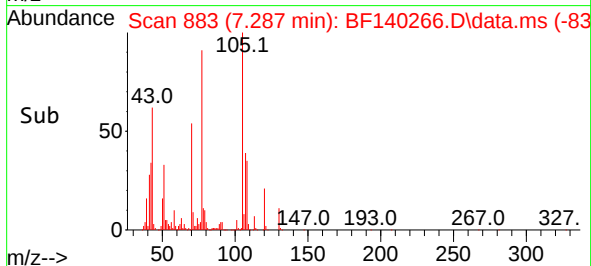


Tgt Ion: 70 Resp: 31229
Ion Ratio Lower Upper
70 100
42 63.3 52.8 79.2
101 9.6 7.4 11.2
130 20.3 15.1 22.7

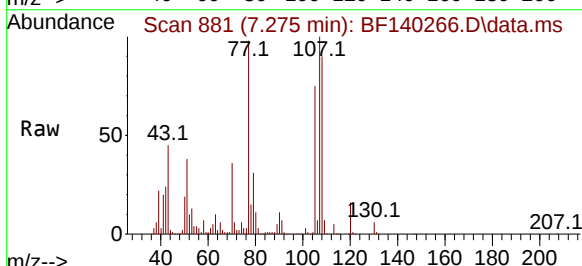
Manual Integrations

APPROVED

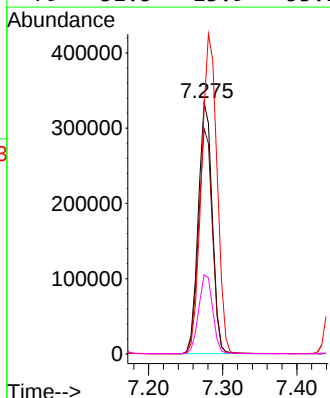
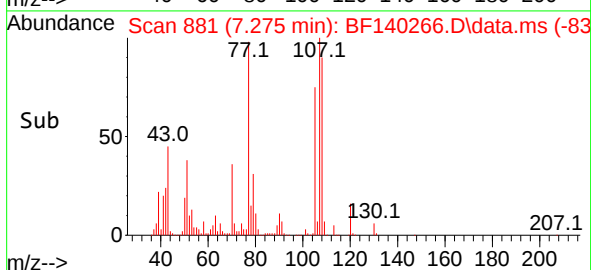
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

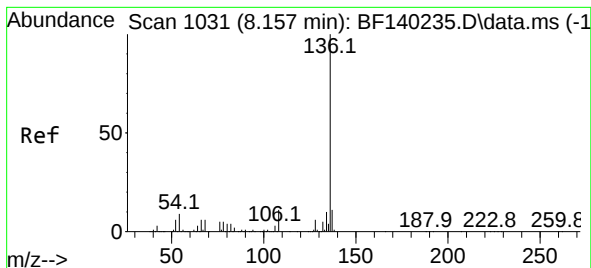


#20
3+4-Methylphenols
Concen: 50.156 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21



Tgt Ion:107 Resp: 435120
Ion Ratio Lower Upper
107 100
108 89.6 69.4 109.4
77 97.7 92.7 132.7
79 31.5 13.9 53.9





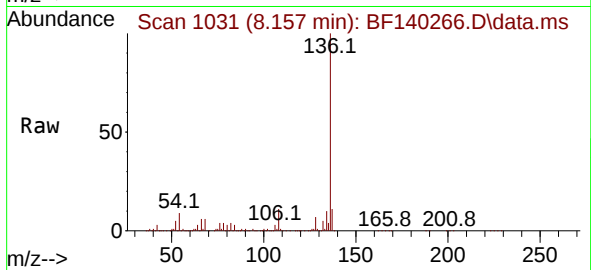
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS



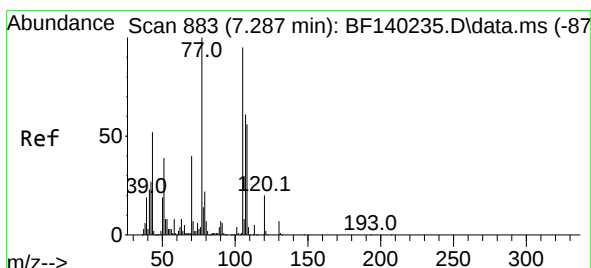
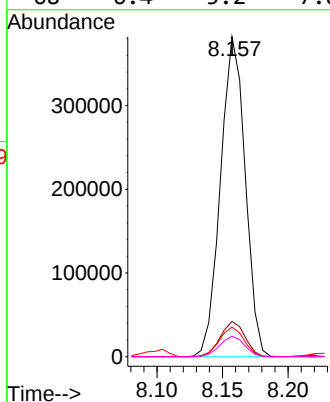
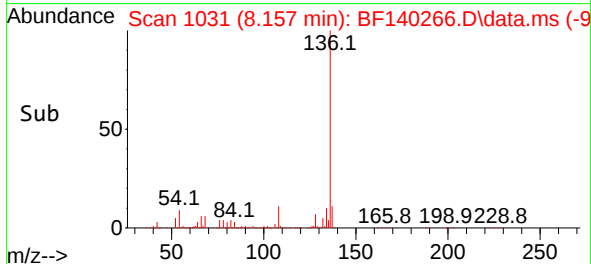
Tgt Ion:136 Resp: 500680
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.3 7.7 11.5
68 6.4 5.2 7.8

Manual Integrations

APPROVED

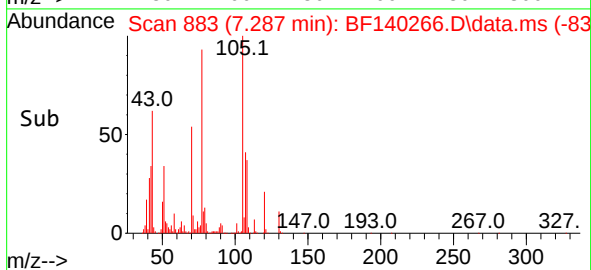
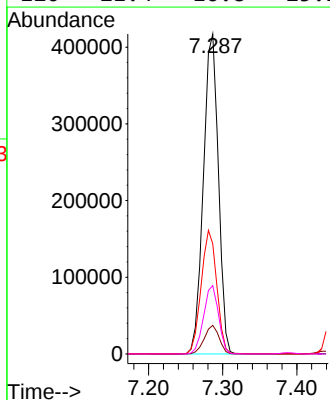
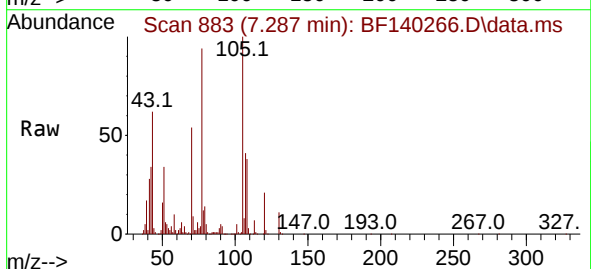
Reviewed By :Yogesh Patel 11/08/2024

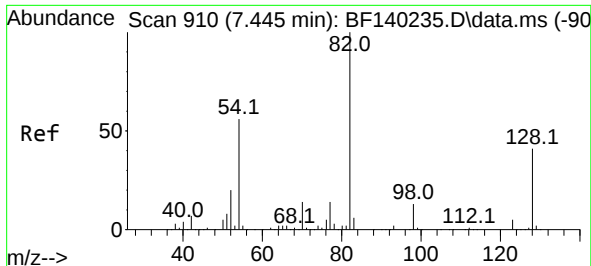
Supervised By :mohammad ahmed 11/11/2024



#22
Acetophenone
Concen: 47.304 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:105 Resp: 587224
Ion Ratio Lower Upper
105 100
71 9.0 5.6 8.4#
51 34.4 33.2 49.8
120 21.4 16.8 25.2





#23

Nitrobenzene-d5

Concen: 58.030 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS

Tgt Ion: 82 Resp: 584384

Ion Ratio Lower Upper

82 100

128 42.3 32.8 49.2

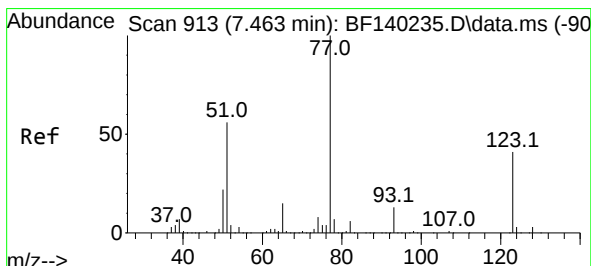
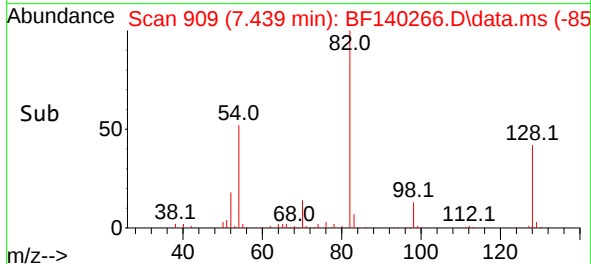
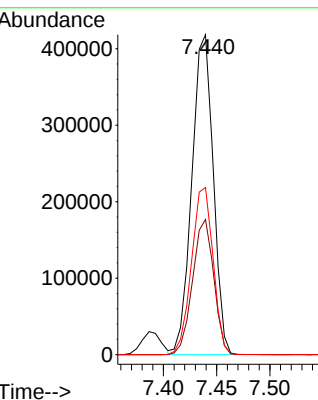
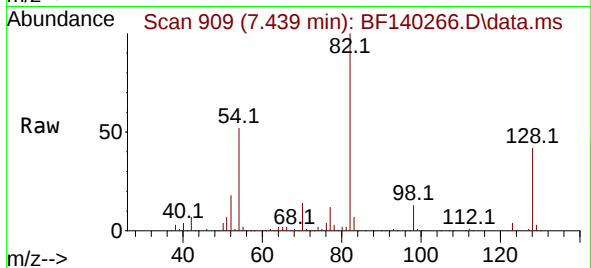
54 52.3 44.3 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#24

Nitrobenzene

Concen: 45.336 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

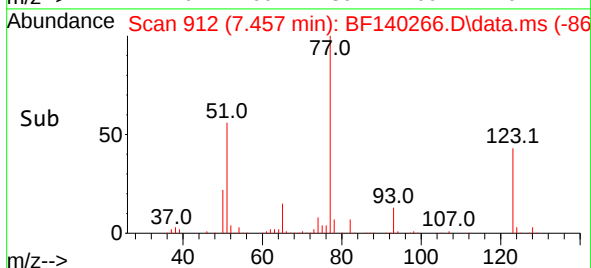
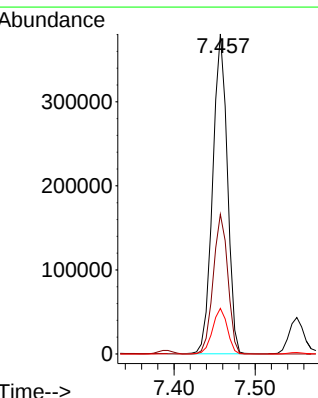
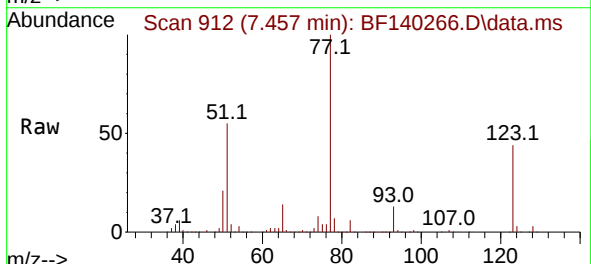
Tgt Ion: 77 Resp: 479060

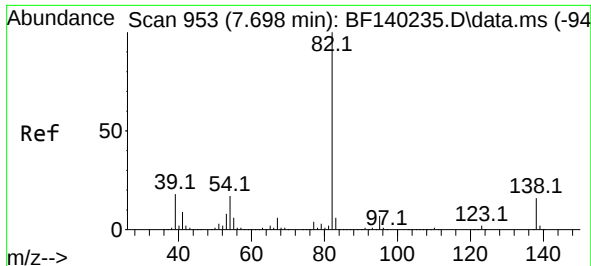
Ion Ratio Lower Upper

77 100

123 43.6 33.0 49.4

65 14.3 11.7 17.5





#25
Isophorone
Concen: 49.009 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

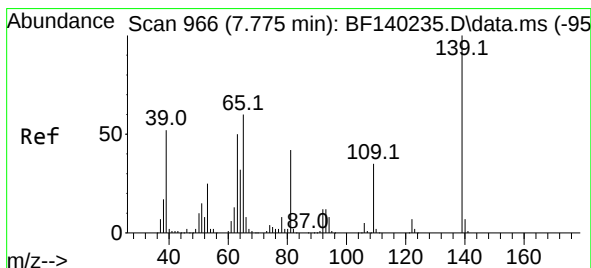
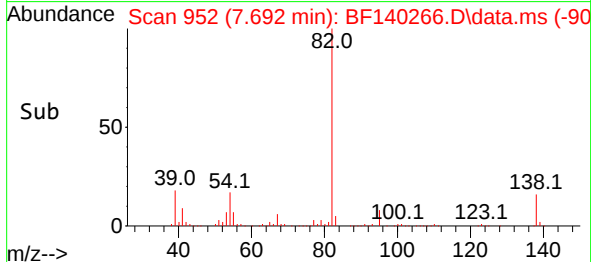
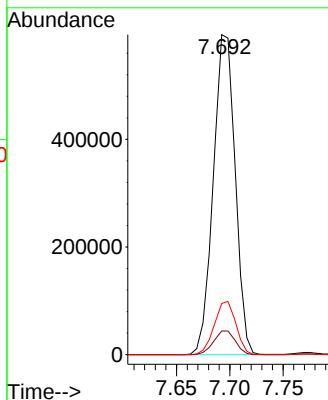
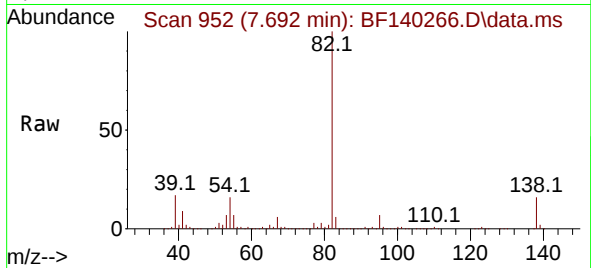
ClientSampleId :

BP-G4-WCMS

Tgt Ion: 82 Resp: 849809
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.0 12.9 19.3

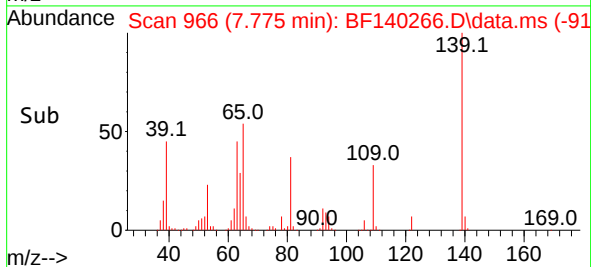
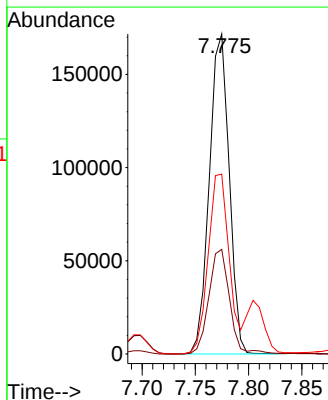
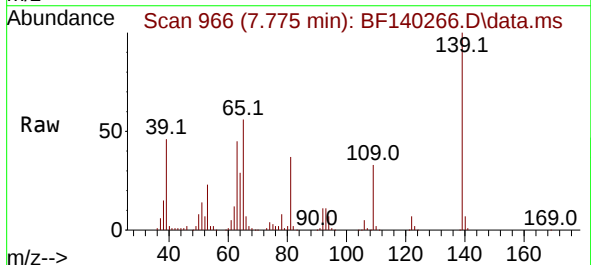
Manual Integrations
APPROVED

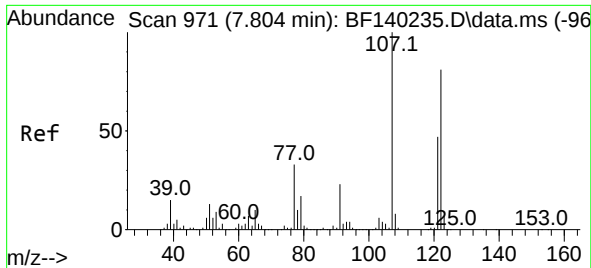
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#26
2-Nitrophenol
Concen: 53.121 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:139 Resp: 223288
Ion Ratio Lower Upper
139 100
109 32.7 27.8 41.8
65 56.2 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 60.143 ng
RT: 7.804 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

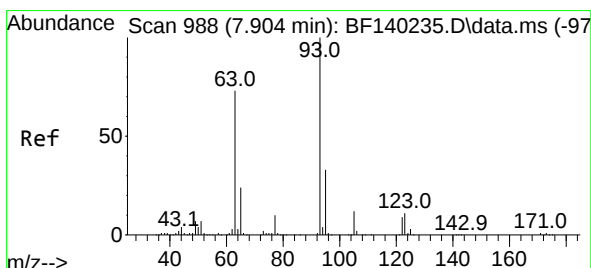
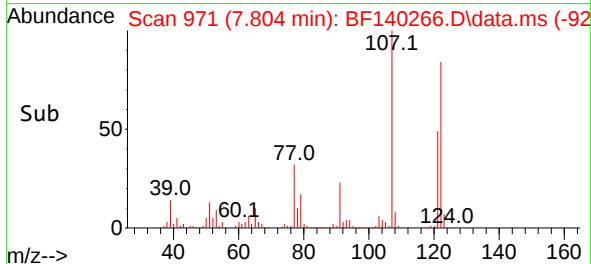
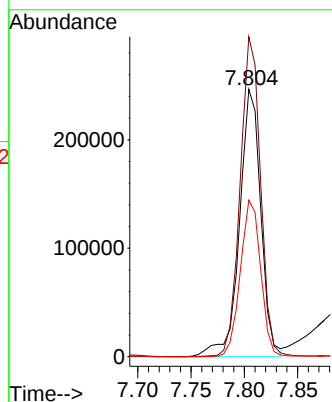
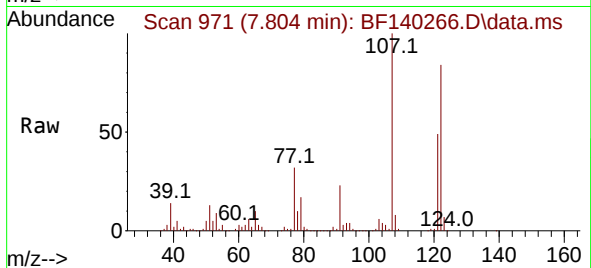
BP-G4-WCMS

Tgt Ion:122 Resp: 34392
Ion Ratio Lower Upper
122 100
107 119.7 99.4 149.0
121 58.5 47.1 70.7

Manual Integrations

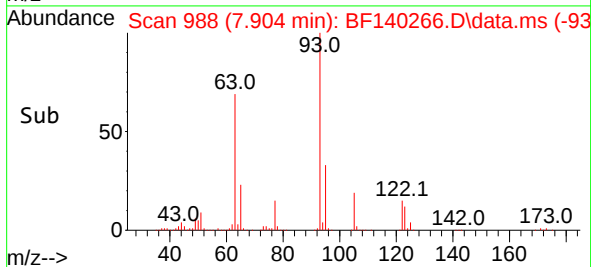
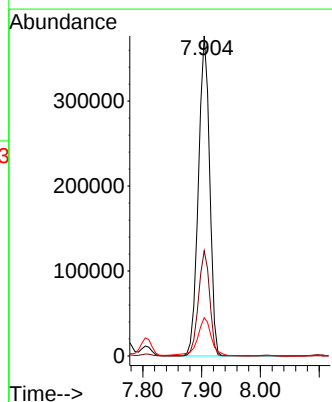
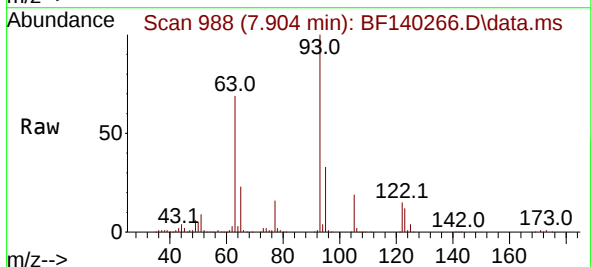
APPROVED

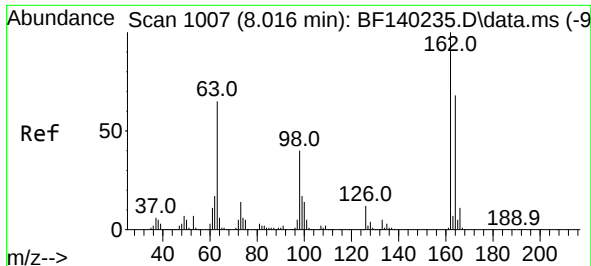
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.217 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion: 93 Resp: 500330
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 50.765 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

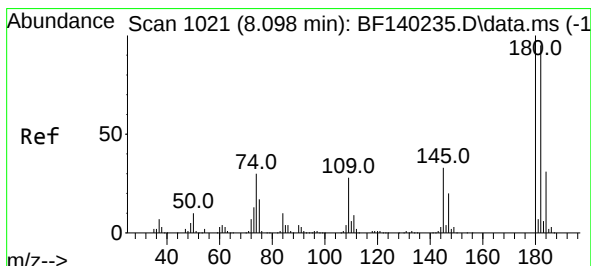
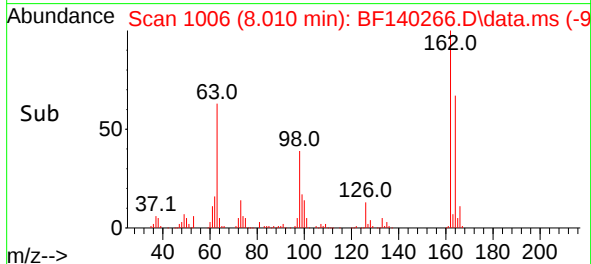
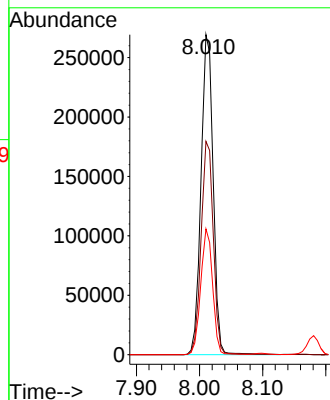
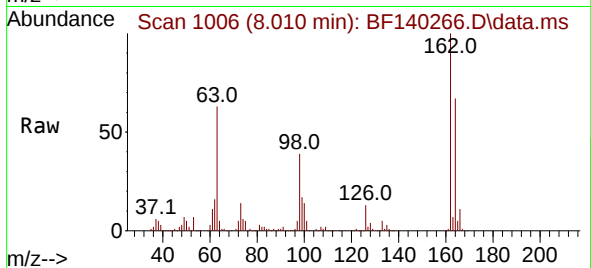
BP-G4-WCMS

Tgt Ion:162 Resp: 359124
 Ion Ratio Lower Upper
 162 100
 164 66.6 47.5 87.5
 98 39.3 19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.813 ng

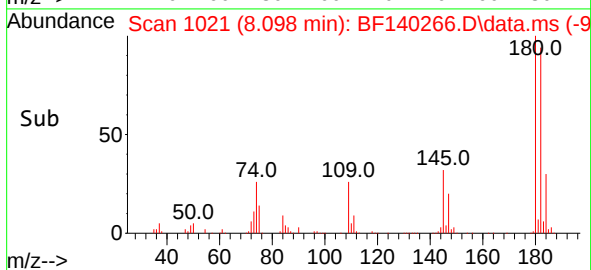
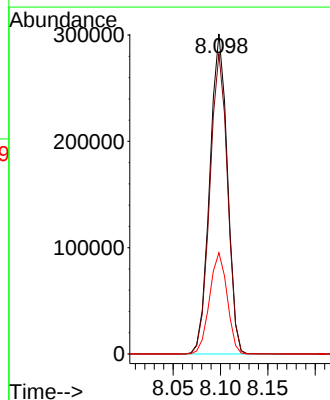
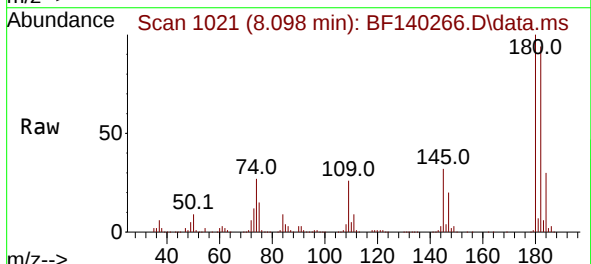
RT: 8.098 min Scan# 1021

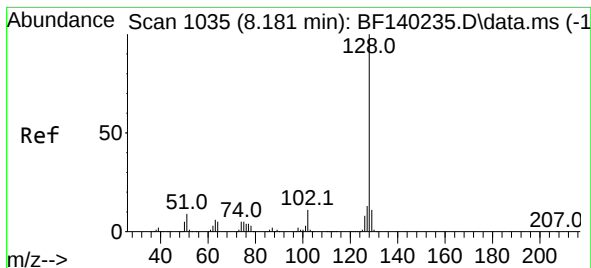
Delta R.T. 0.000 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

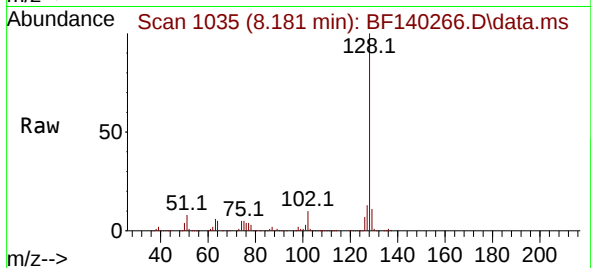
Tgt Ion:180 Resp: 388363
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.9 113.9
 145 31.7 26.1 39.1





#31
Naphthalene
Concen: 47.655 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

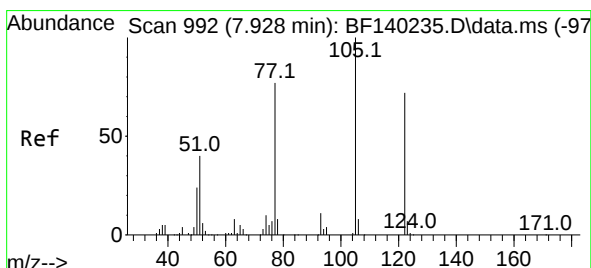
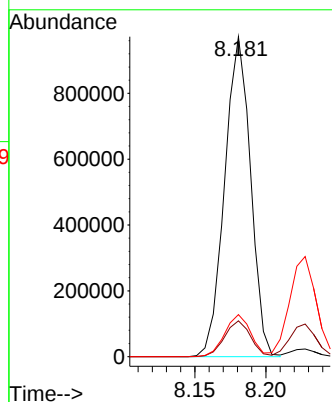
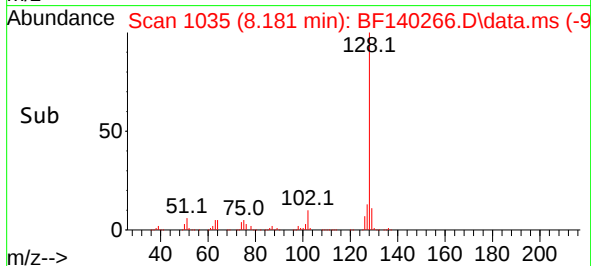
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMS



Tgt Ion:128 Resp: 123209
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 10.7 16.1

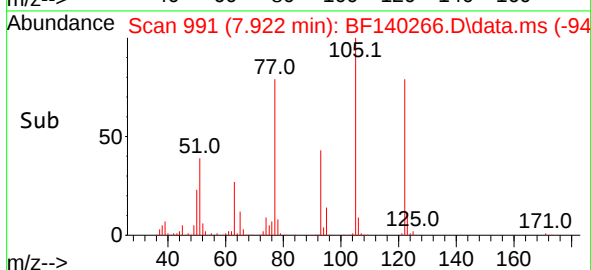
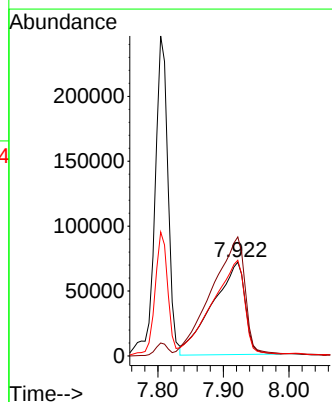
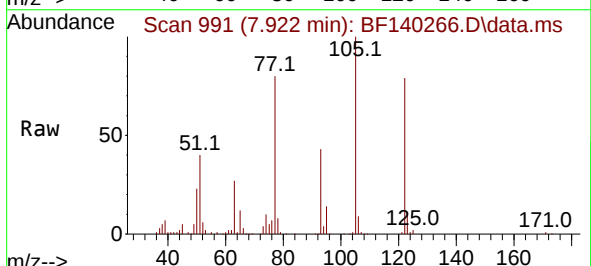
Manual Integrations
APPROVED

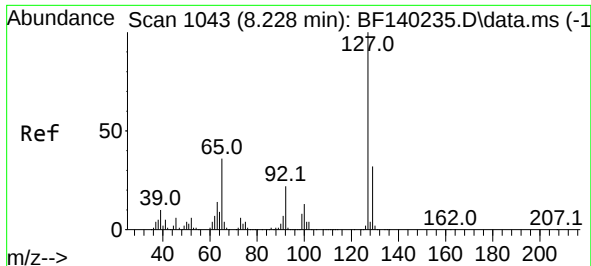
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#32
Benzoic acid
Concen: 52.270 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:122 Resp: 245299
Ion Ratio Lower Upper
122 100
105 126.9 112.6 152.6
77 102.0 84.3 124.3





#33
4-Chloroaniline
Concen: 47.617 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

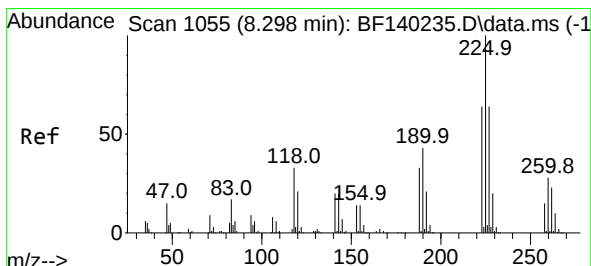
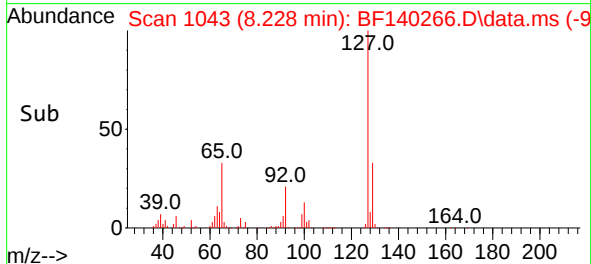
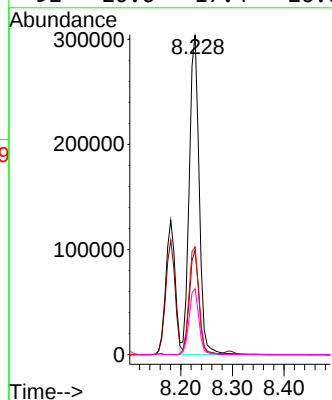
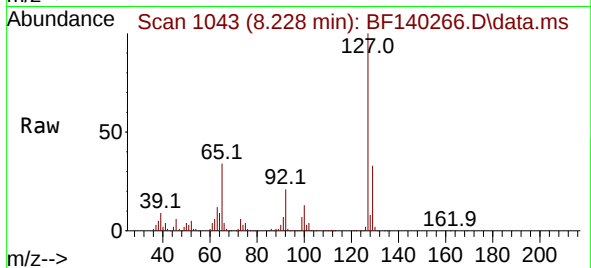
BP-G4-WCMS

Tgt Ion:127 Resp: 405299
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.6
65 33.7 29.0 43.6
92 20.6 17.4 26.0

Manual Integrations

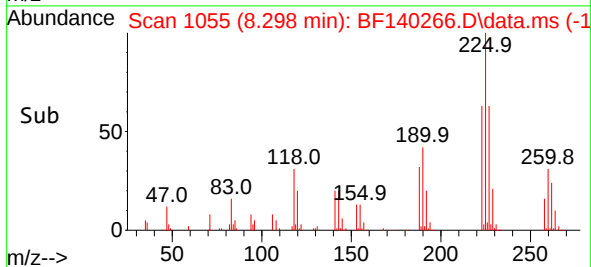
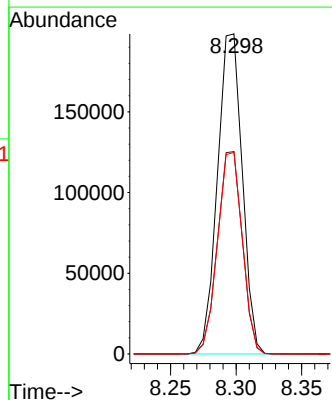
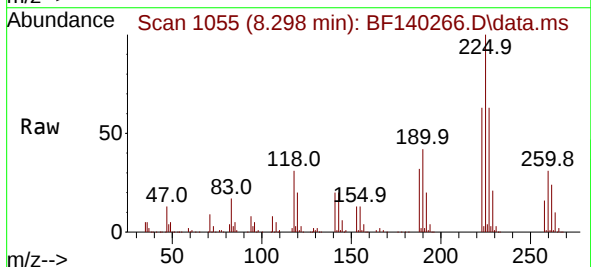
APPROVED

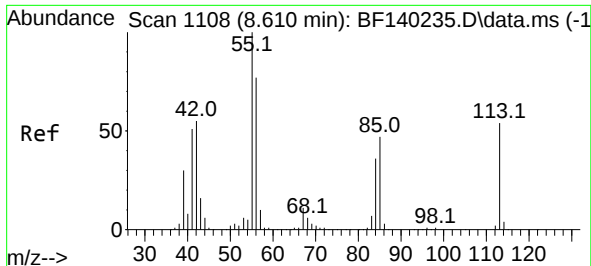
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#34
Hexachlorobutadiene
Concen: 45.455 ng
RT: 8.298 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:225 Resp: 260818
Ion Ratio Lower Upper
225 100
223 63.3 50.8 76.2
227 63.0 51.0 76.6





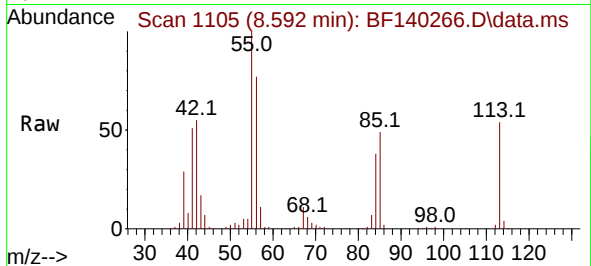
#35
Caprolactam
Concen: 55.109 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.018 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS



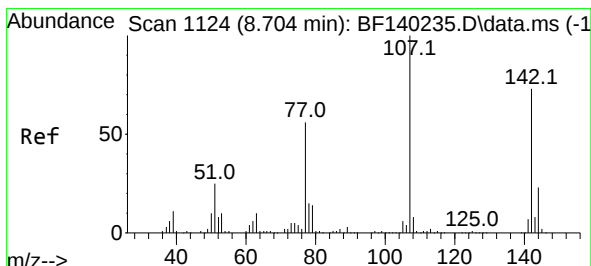
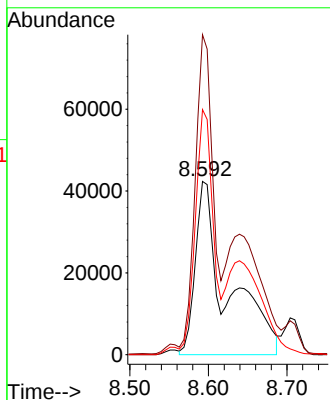
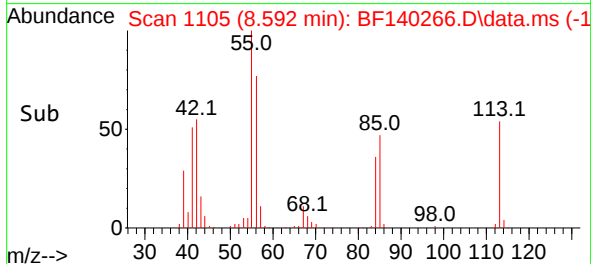
Tgt Ion:113 Resp: 118590
Ion Ratio Lower Upper
113 100
55 184.6 165.2 205.2
56 141.4 122.1 162.1

Manual Integrations

APPROVED

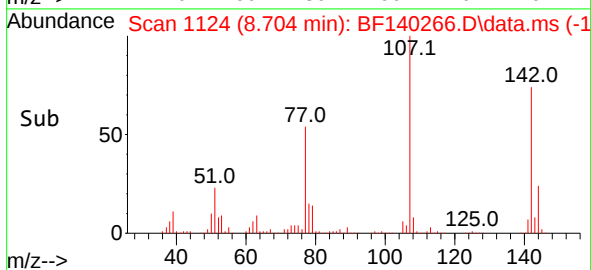
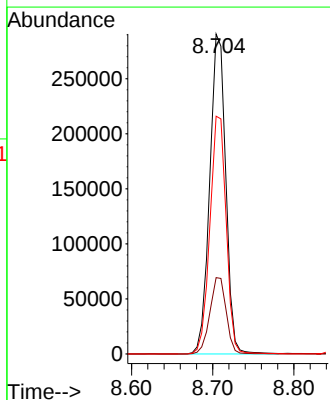
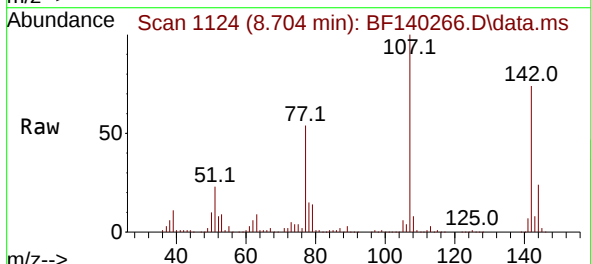
Reviewed By :Yogesh Patel 11/08/2024

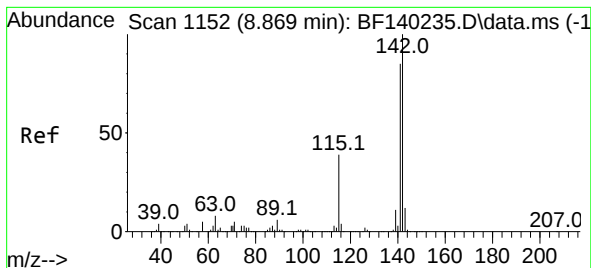
Supervised By :mohammad ahmed 11/11/2024



#36
4-Chloro-3-methylphenol
Concen: 50.570 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:107 Resp: 398311
Ion Ratio Lower Upper
107 100
144 23.9 18.6 27.8
142 74.3 58.1 87.1





#37
2-Methylnaphthalene
Concen: 49.340 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

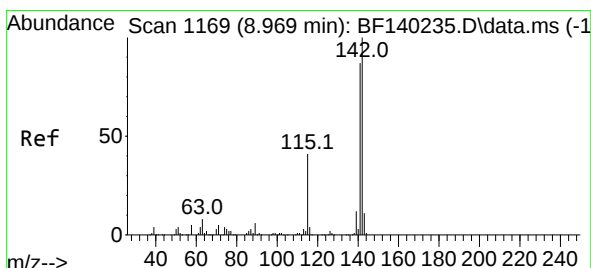
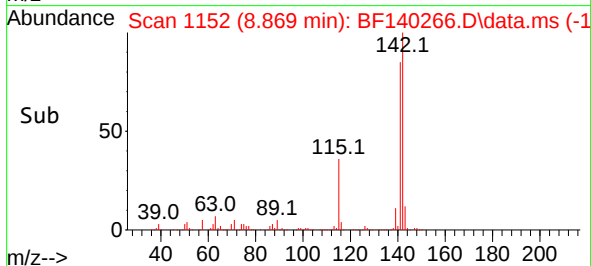
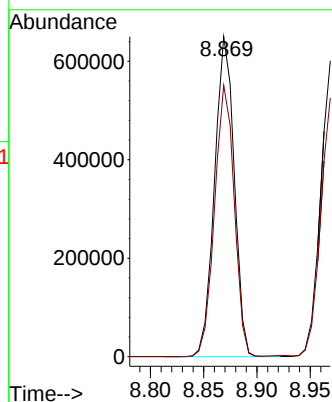
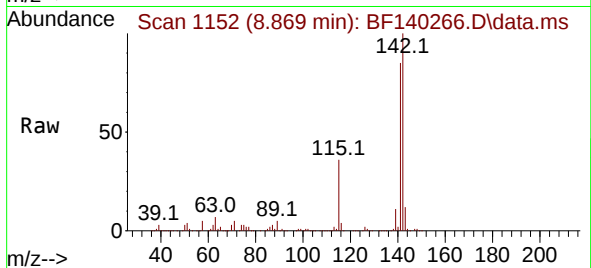
BP-G4-WCMS

Tgt Ion:142 Resp: 832558
Ion Ratio Lower Upper
142 100
141 84.8 67.8 101.8

Manual Integrations

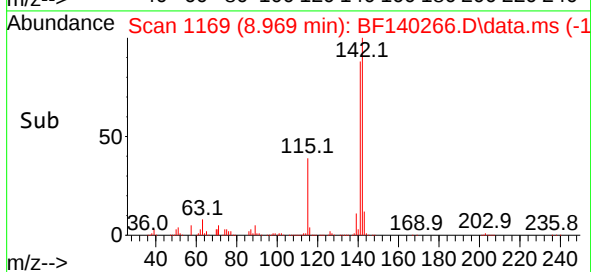
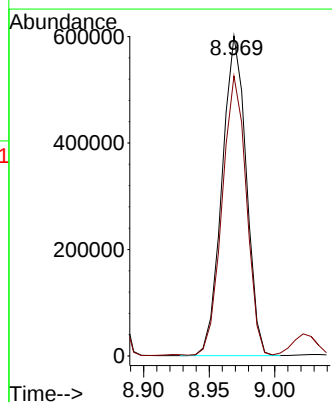
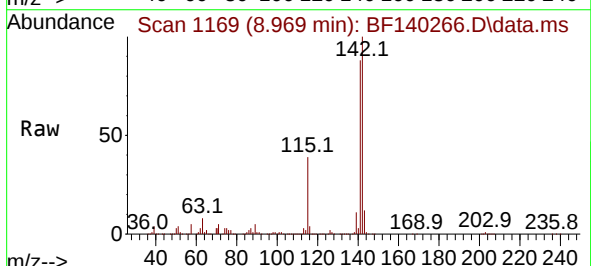
APPROVED

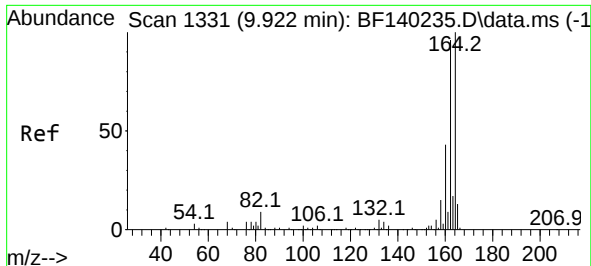
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#38
1-Methylnaphthalene
Concen: 46.631 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:142 Resp: 771236
Ion Ratio Lower Upper
142 100
141 87.5 69.7 104.5





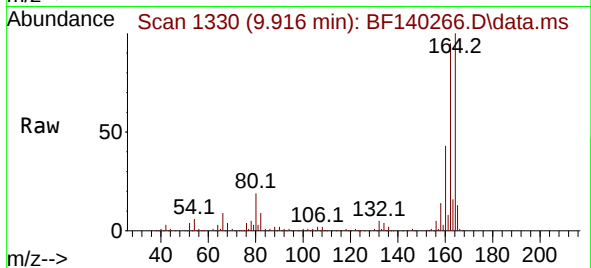
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS



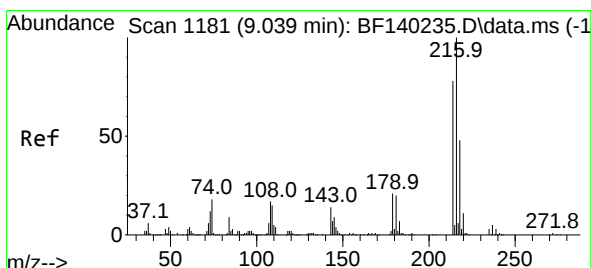
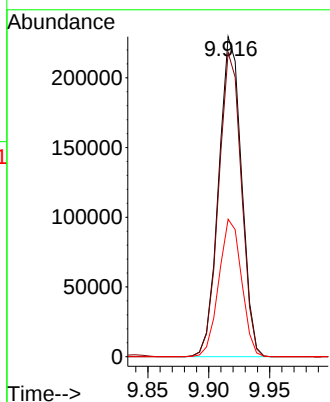
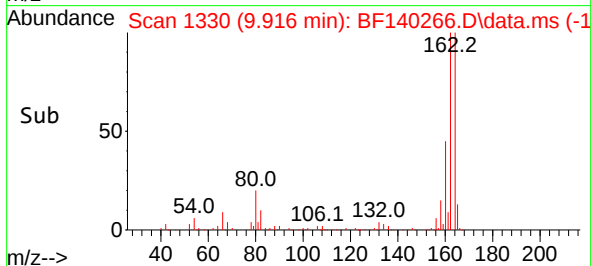
Tgt Ion:164 Resp: 299564
Ion Ratio Lower Upper
164 100
162 95.0 77.0 115.4
160 43.0 34.1 51.1

Manual Integrations

APPROVED

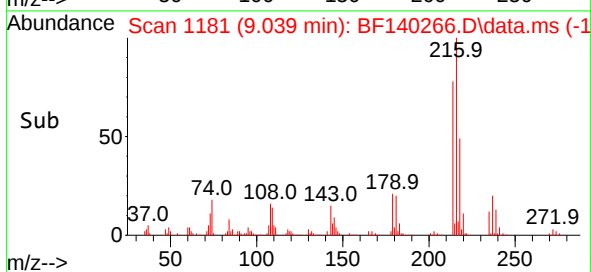
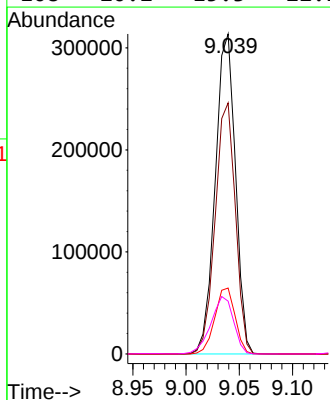
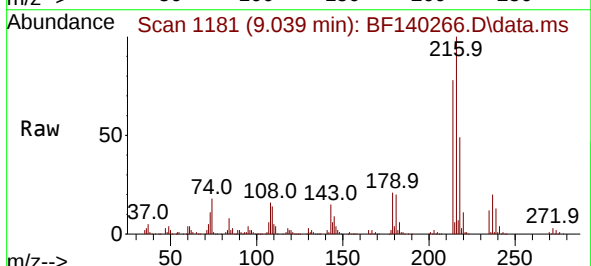
Reviewed By :Yogesh Patel 11/08/2024

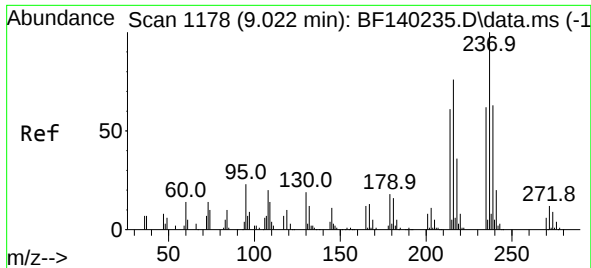
Supervised By :mohammad ahmed 11/11/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.998 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:216 Resp: 412156
Ion Ratio Lower Upper
216 100
214 78.5 62.8 94.2
179 20.8 17.3 25.9
108 20.2 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 194.273 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

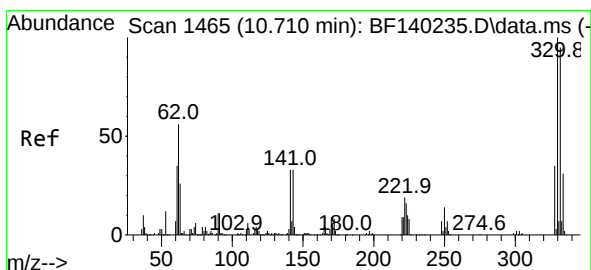
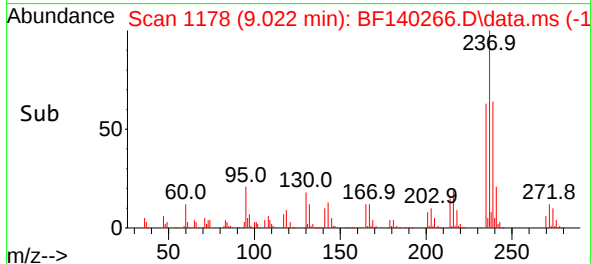
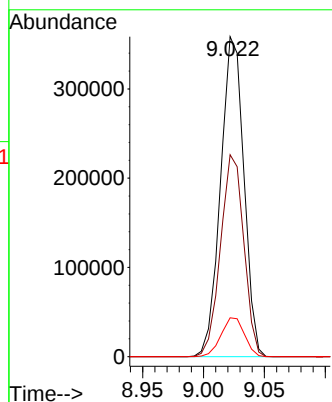
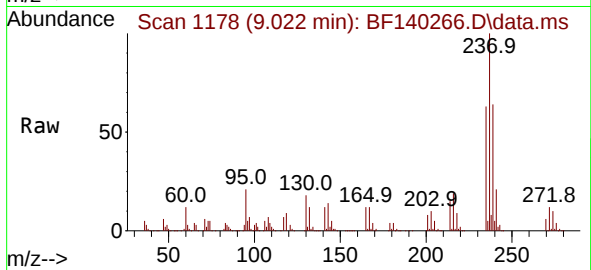
BP-G4-WCMS

Tgt Ion:237 Resp: 477410
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 12.2 0.0 31.8

Manual Integrations

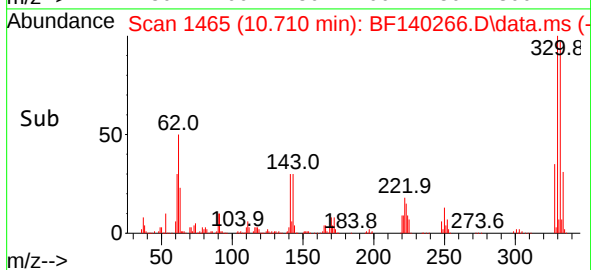
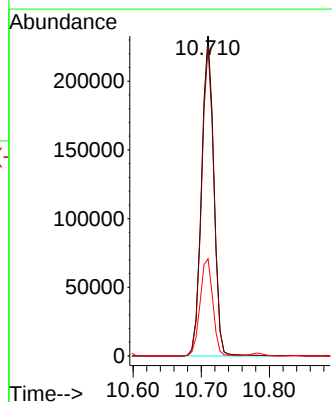
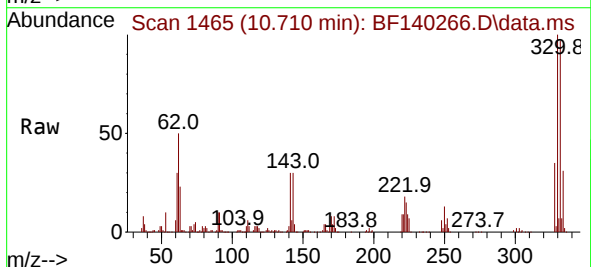
APPROVED

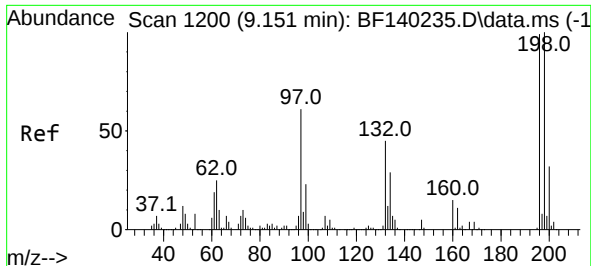
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#42
2,4,6-Tribromophenol
Concen: 98.554 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:330 Resp: 291822
Ion Ratio Lower Upper
330 100
332 96.3 76.4 114.6
141 31.6 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 50.483 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

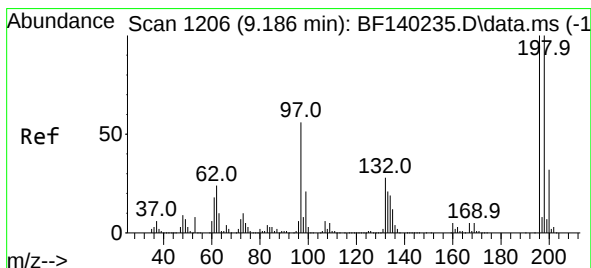
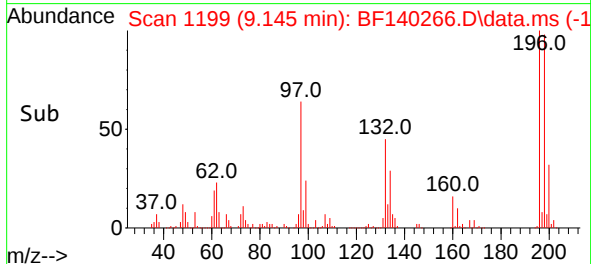
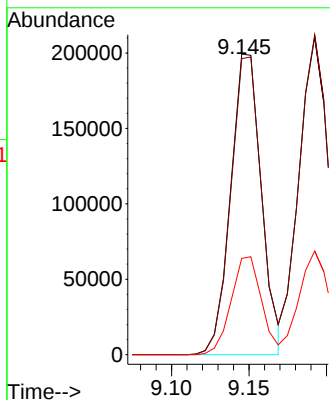
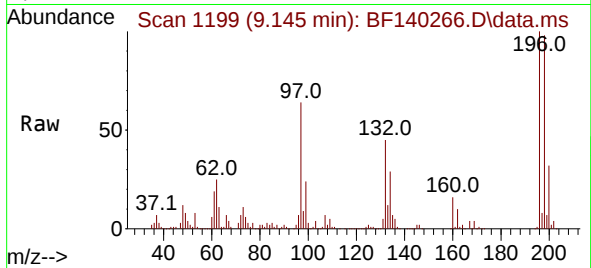
BP-G4-WCMS

Tgt Ion:196 Resp: 27434
Ion Ratio Lower Upper
196 100
198 98.5 80.8 121.2
200 32.0 26.0 39.0

Manual Integrations

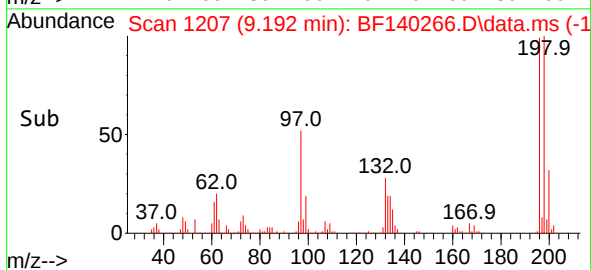
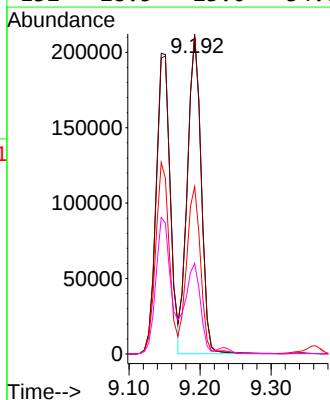
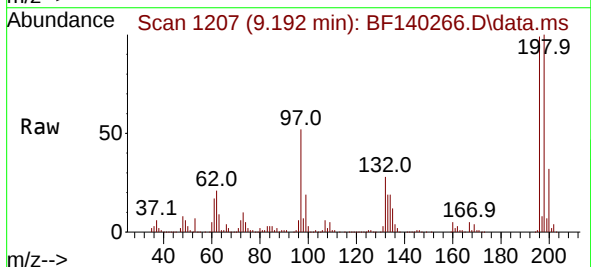
APPROVED

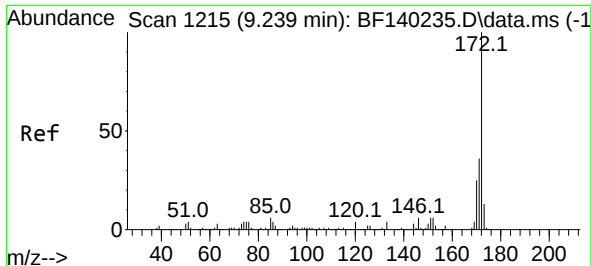
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#44
2,4,5-Trichlorophenol
Concen: 49.672 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:196 Resp: 283827
Ion Ratio Lower Upper
196 100
198 100.8 80.0 120.0
97 52.7 45.7 68.5
132 28.5 23.0 34.6





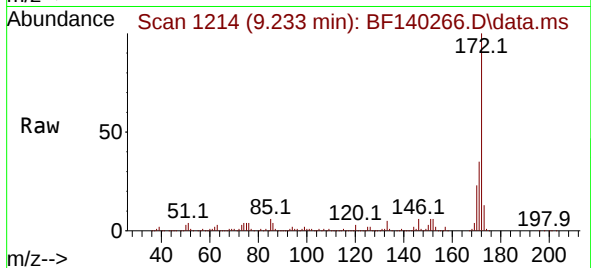
#45
2-Fluorobiphenyl
Concen: 57.182 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS



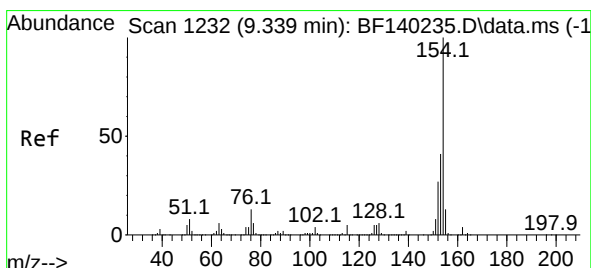
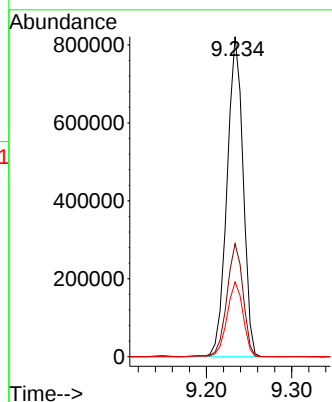
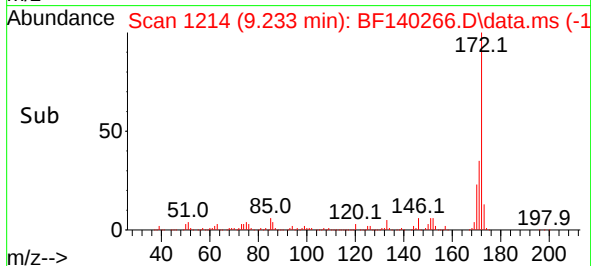
Tgt Ion:172 Resp: 1072740
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.3 19.6 29.4

Manual Integrations

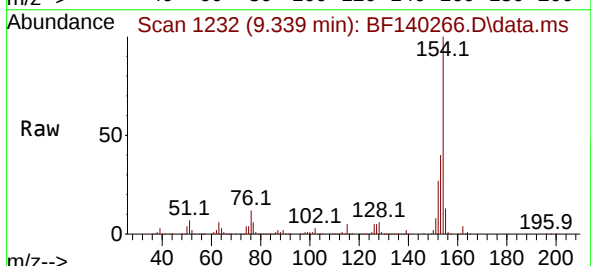
APPROVED

Reviewed By :Yogesh Patel 11/08/2024

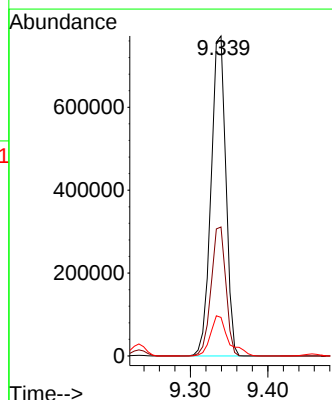
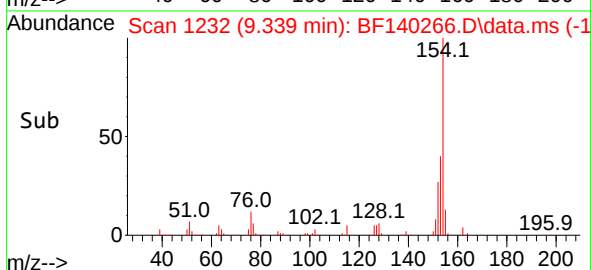
Supervised By :mohammad ahmed 11/11/2024

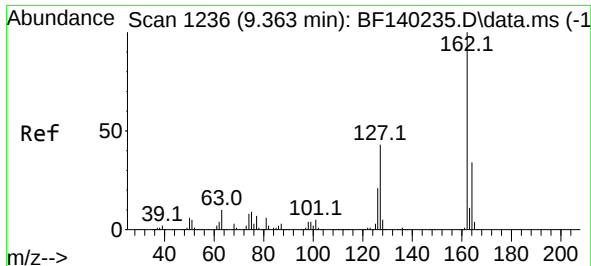


#46
1,1'-Biphenyl
Concen: 47.340 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21



Tgt Ion:154 Resp: 1025045
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 12.0 0.0 32.6





#47
2-Chloronaphthalene
Concen: 46.592 ng
RT: 9.363 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS

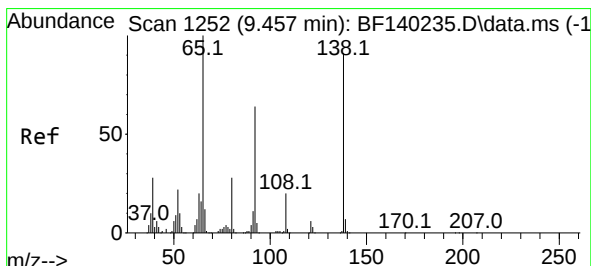
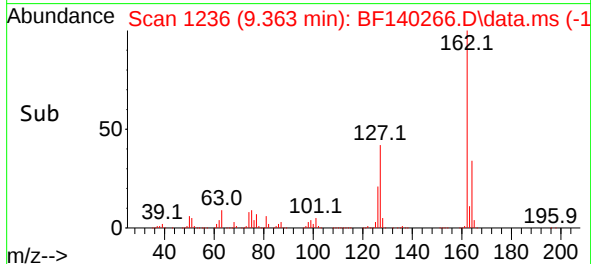
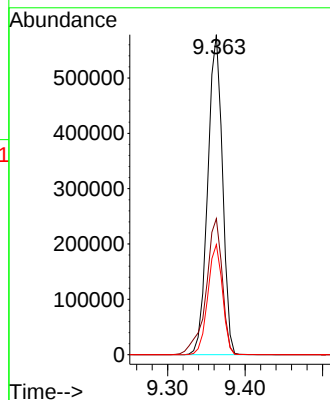
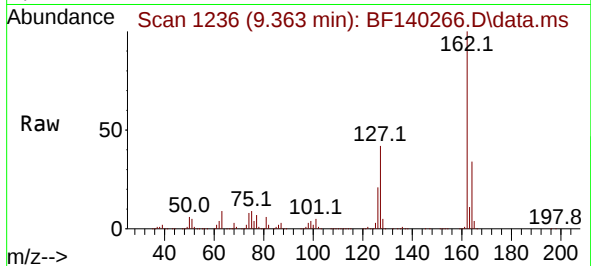
Tgt Ion:162 Resp: 759310
Ion Ratio Lower Upper
162 100
127 42.5 34.8 52.2
164 34.4 27.3 40.9

Manual Integrations

APPROVED

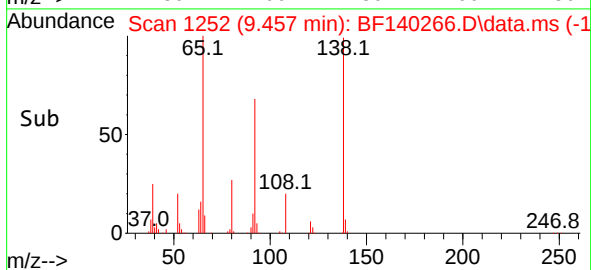
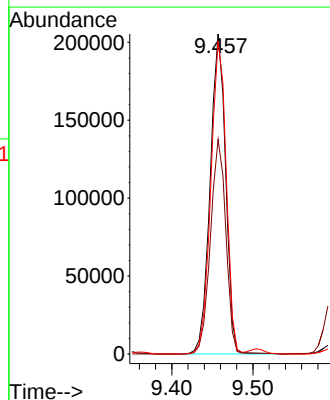
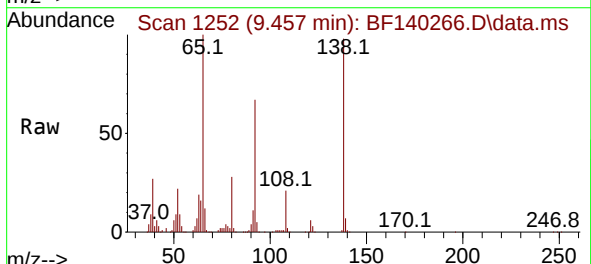
Reviewed By :Yogesh Patel 11/08/2024

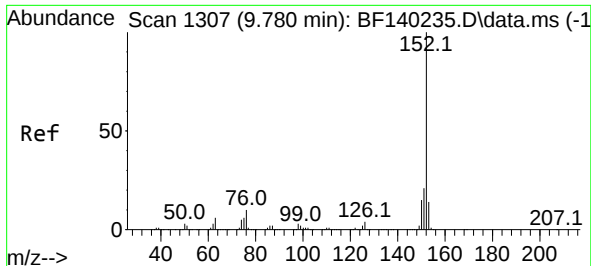
Supervised By :mohammad ahmed 11/11/2024



#48
2-Nitroaniline
Concen: 49.674 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion: 65 Resp: 270736
Ion Ratio Lower Upper
65 100
92 67.1 51.6 77.4
138 97.8 73.0 109.6





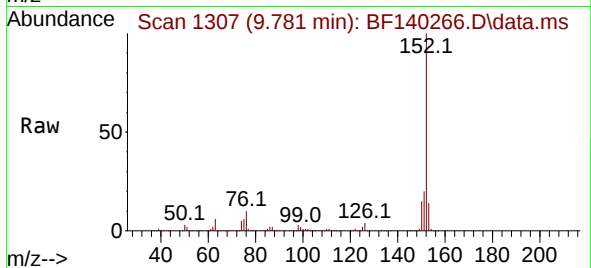
#49
Acenaphthylene
Concen: 52.143 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS



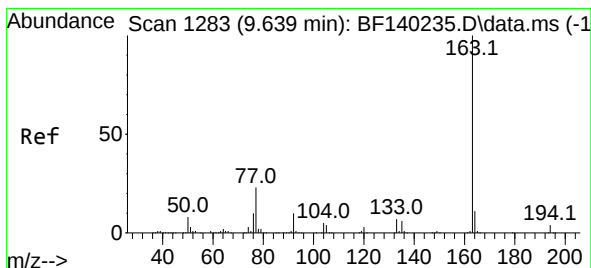
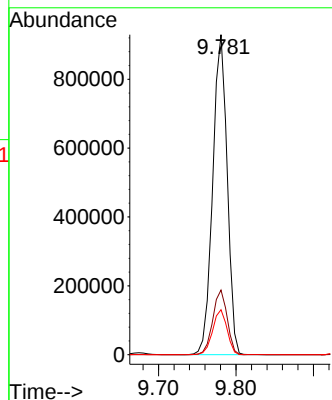
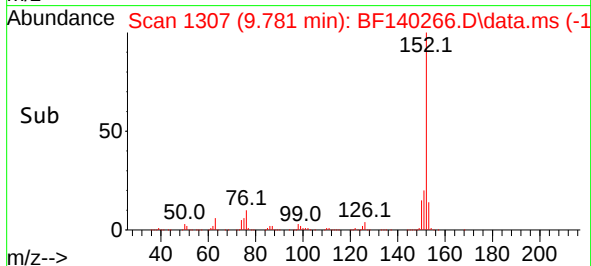
Tgt Ion:152 Resp: 1203092
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 14.0 11.1 16.7

Manual Integrations

APPROVED

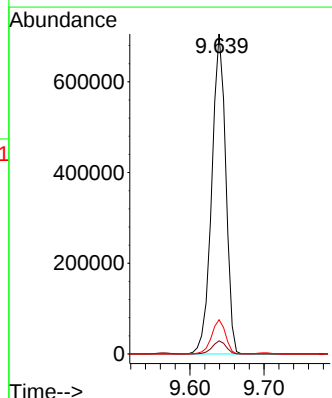
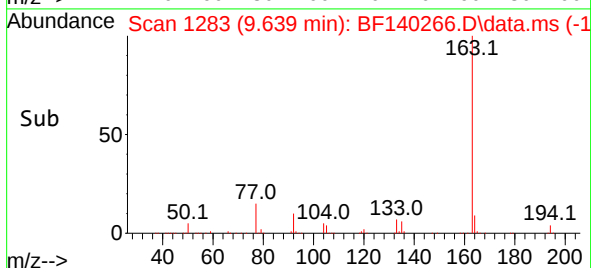
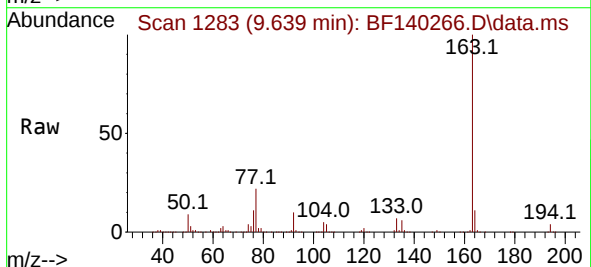
Reviewed By :Yogesh Patel 11/08/2024

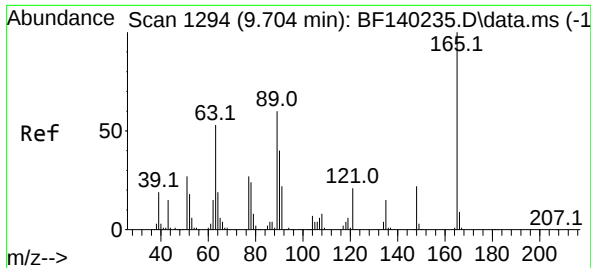
Supervised By :mohammad ahmed 11/11/2024



#50
Dimethylphthalate
Concen: 50.137 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:163 Resp: 924982
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.7 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 48.139 ng
RT: 9.704 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

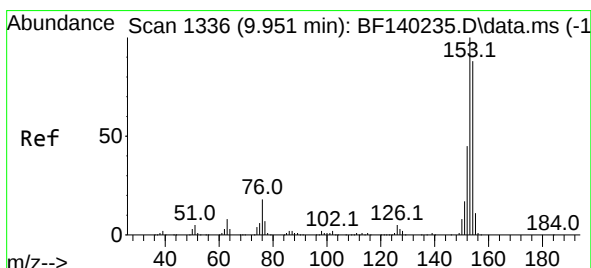
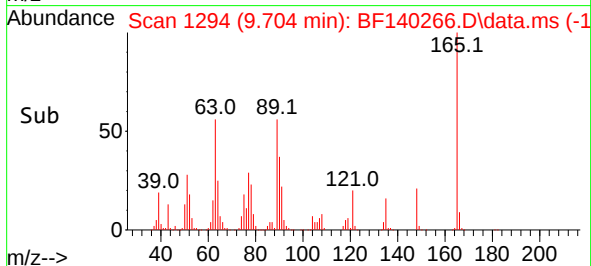
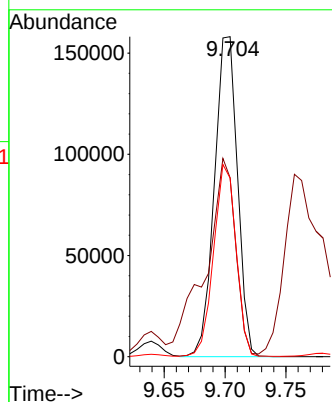
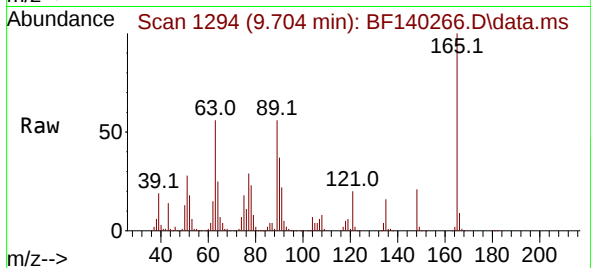
ClientSampleId :

BP-G4-WCMS

Tgt Ion:165 Resp: 208762
Ion Ratio Lower Upper
165 100
63 55.9 48.8 73.2
89 55.8 48.1 72.1

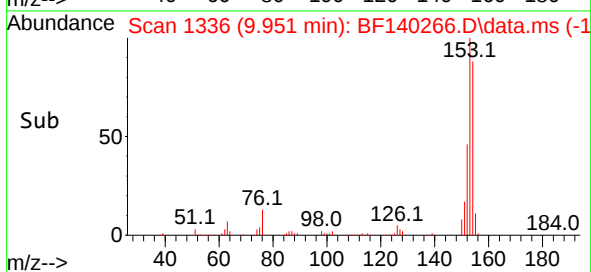
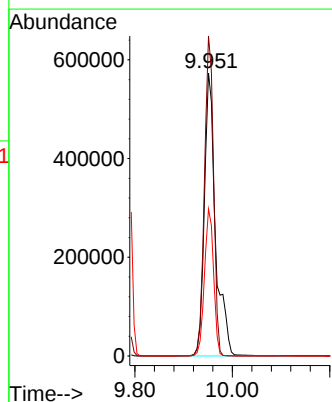
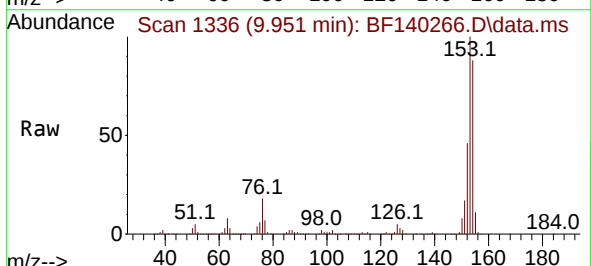
Manual Integrations
APPROVED

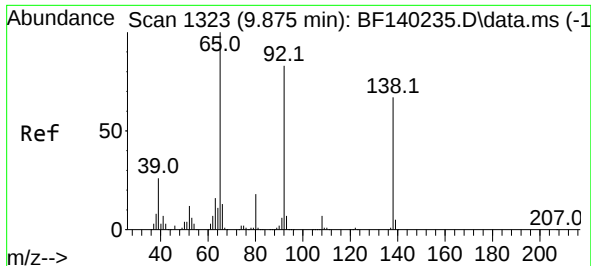
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#52
Acenaphthene
Concen: 55.868 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:154 Resp: 914306
Ion Ratio Lower Upper
154 100
153 113.1 91.3 136.9
152 52.0 41.4 62.2





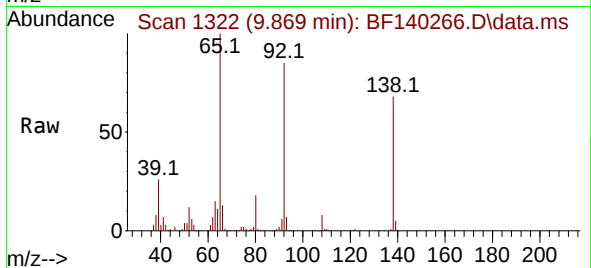
#53
3-Nitroaniline
Concen: 45.720 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS



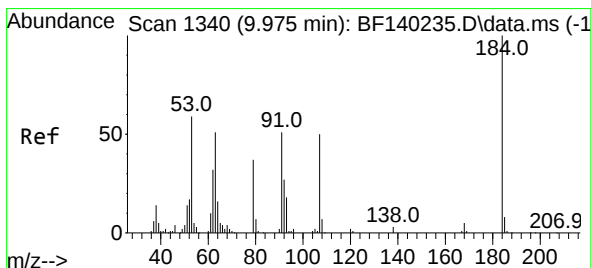
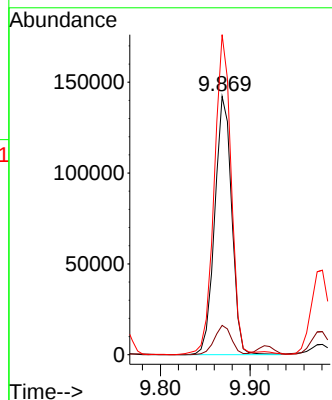
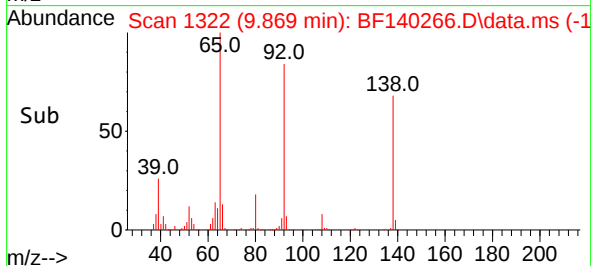
Tgt Ion:138 Resp: 18669
Ion Ratio Lower Upper
138 100
108 11.3 8.8 13.2
92 123.9 100.0 150.0

Manual Integrations

APPROVED

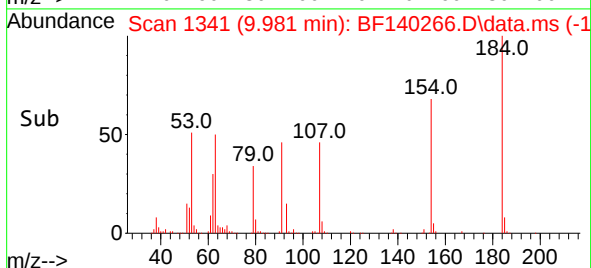
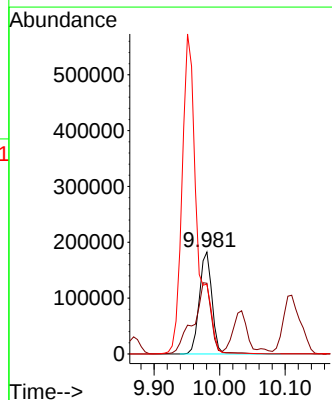
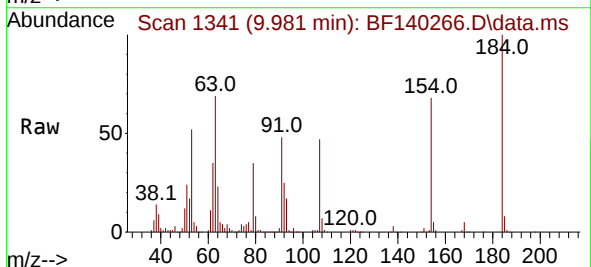
Reviewed By :Yogesh Patel 11/08/2024

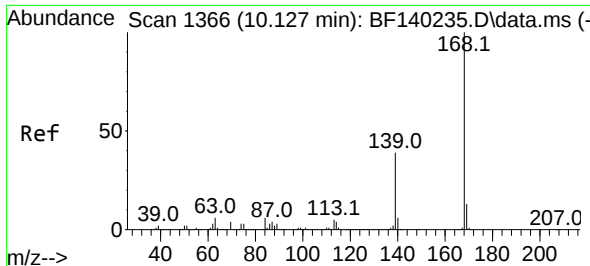
Supervised By :mohammad ahmed 11/11/2024



#54
2,4-Dinitrophenol
Concen: 113.334 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:184 Resp: 247089
Ion Ratio Lower Upper
184 100
63 69.4 60.1 90.1
154 68.4 66.3 99.5





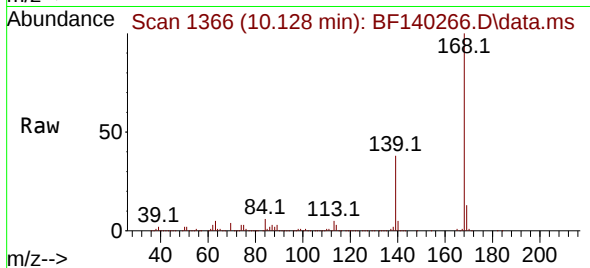
#55
Dibenzenofuran
Concen: 49.696 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS



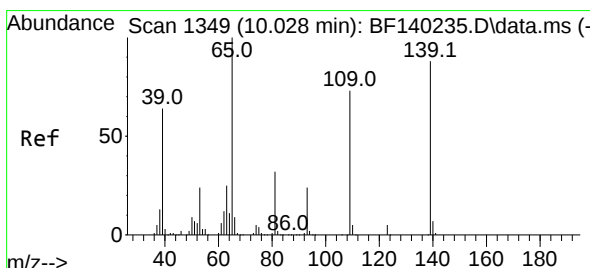
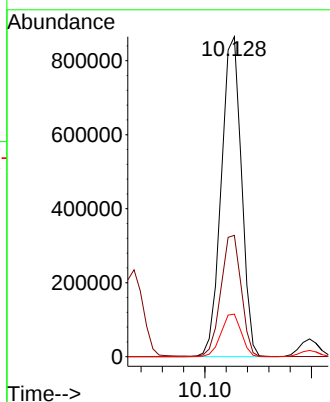
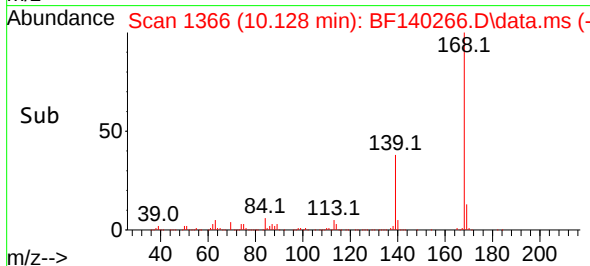
Tgt Ion:168 Resp: 113726
Ion Ratio Lower Upper
168 100
139 37.9 31.5 47.3
169 13.3 10.6 15.8

Manual Integrations

APPROVED

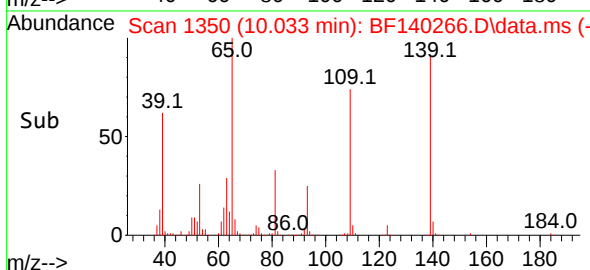
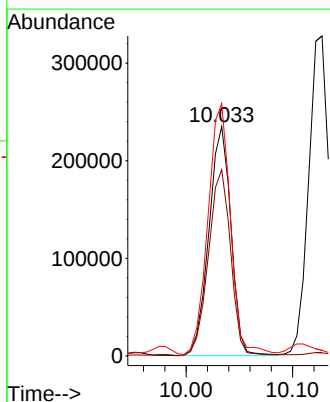
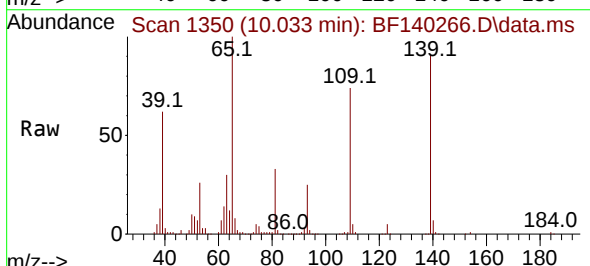
Reviewed By :Yogesh Patel 11/08/2024

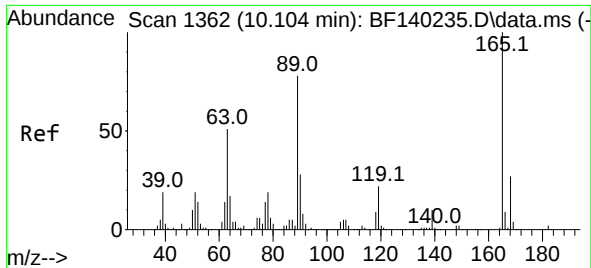
Supervised By :mohammad ahmed 11/11/2024



#56
4-Nitrophenol
Concen: 117.429 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:139 Resp: 337156
Ion Ratio Lower Upper
139 100
109 81.3 63.8 103.8
65 110.1 94.7 134.7





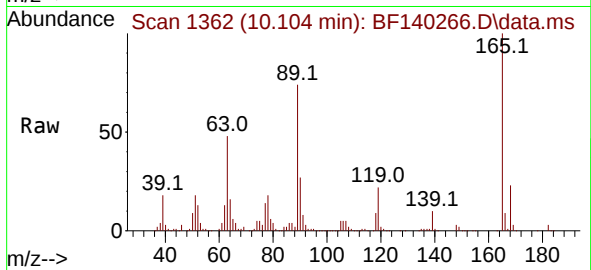
#57
2,4-Dinitrotoluene
Concen: 51.398 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS



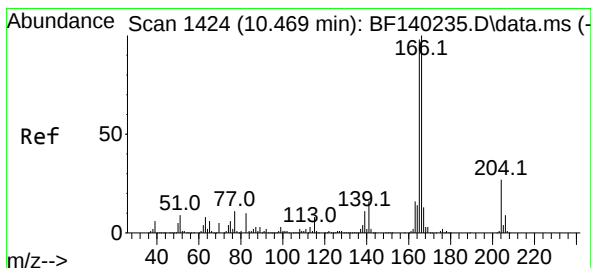
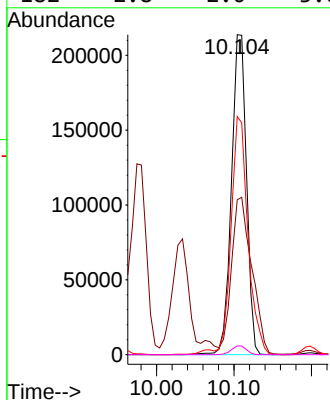
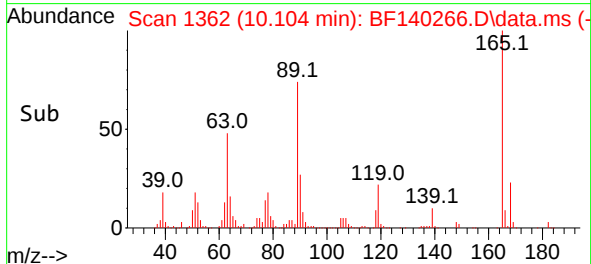
Tgt Ion:165 Resp: 28924
Ion Ratio Lower Upper
165 100
63 48.4 41.3 61.9
89 74.4 62.6 94.0
182 2.8 2.0 3.0

Manual Integrations

APPROVED

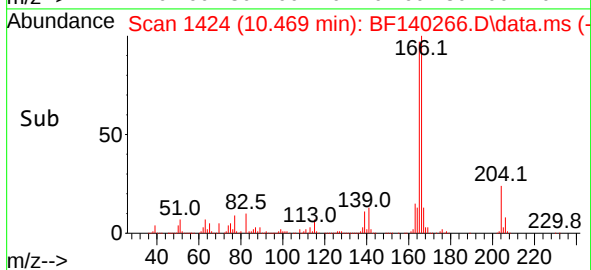
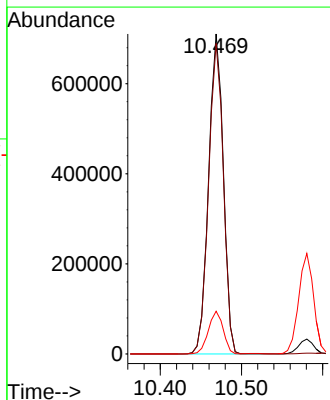
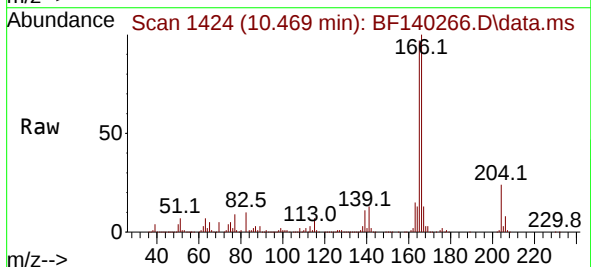
Reviewed By :Yogesh Patel 11/08/2024

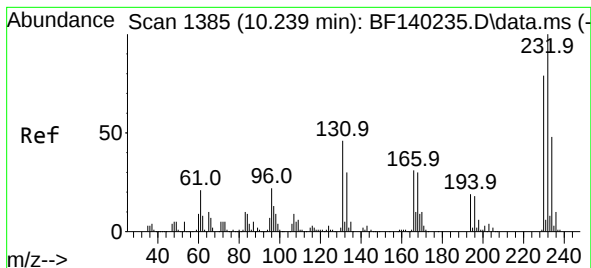
Supervised By :mohammad ahmed 11/11/2024



#58
Fluorene
Concen: 49.141 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

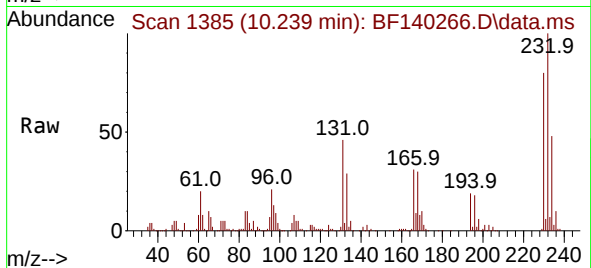
Tgt Ion:166 Resp: 895167
Ion Ratio Lower Upper
166 100
165 97.0 78.7 118.1
167 13.3 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.439 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

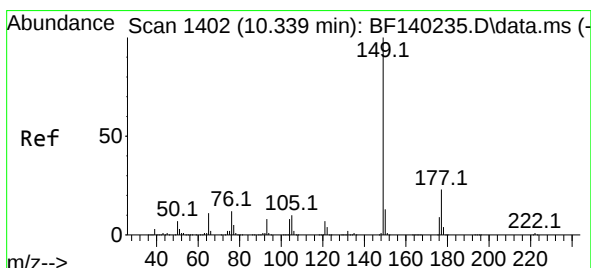
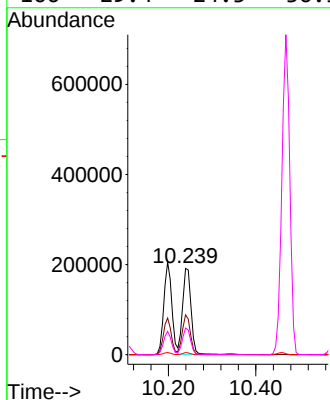
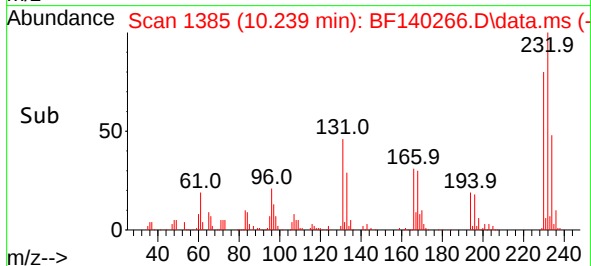
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMS



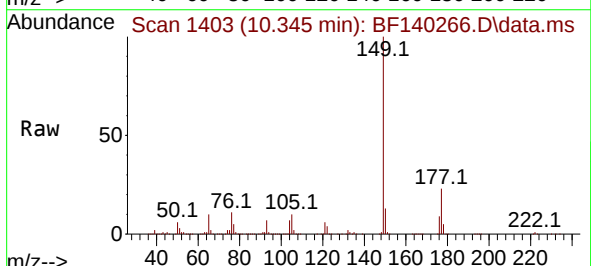
Tgt Ion:232 Resp: 254821
Ion Ratio Lower Upper
232 100
131 43.7 37.2 55.8
130 2.2 1.8 2.8
166 29.4 24.3 36.5

Manual Integrations
APPROVED

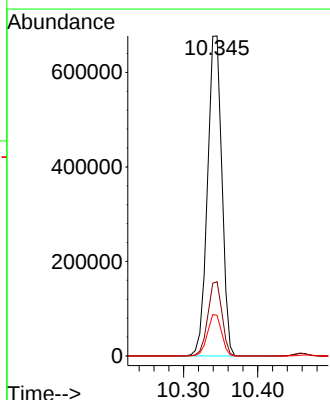
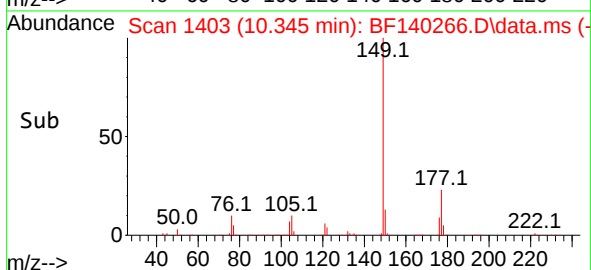
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

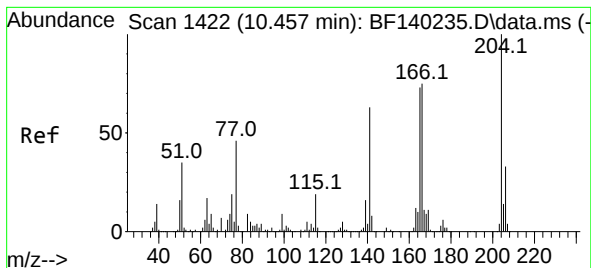


#60
Diethylphthalate
Concen: 49.648 ng
RT: 10.345 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21



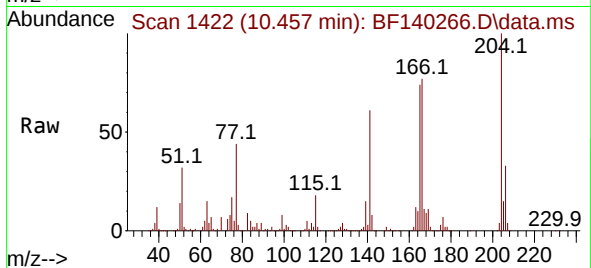
Tgt Ion:149 Resp: 910220
Ion Ratio Lower Upper
149 100
177 23.2 18.1 27.1
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 47.833 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

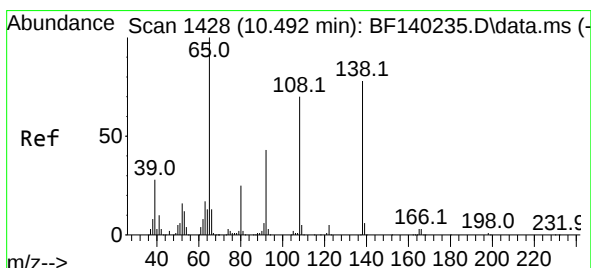
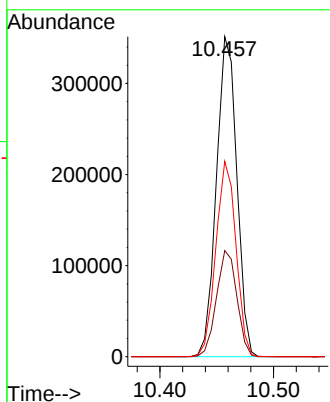
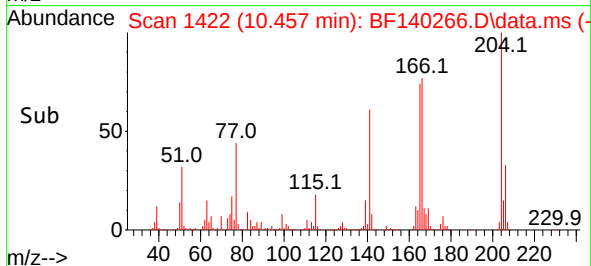
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMS



Tgt Ion:204 Resp: 439144
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 61.0 50.3 75.5

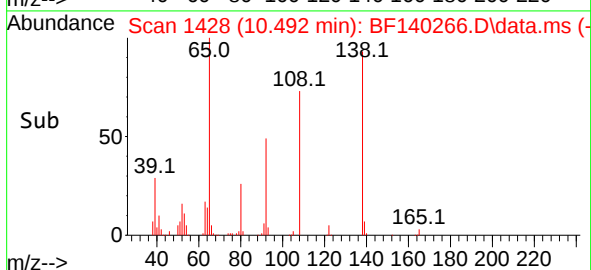
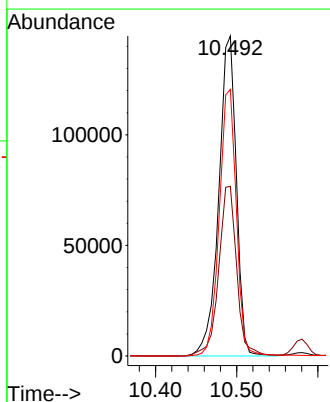
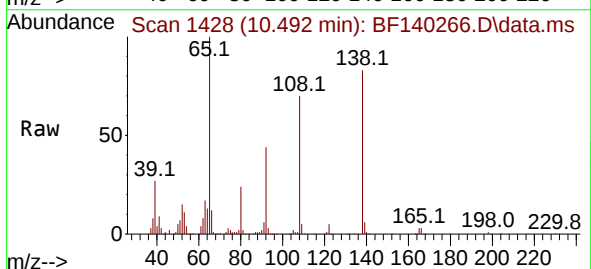
Manual Integrations
APPROVED

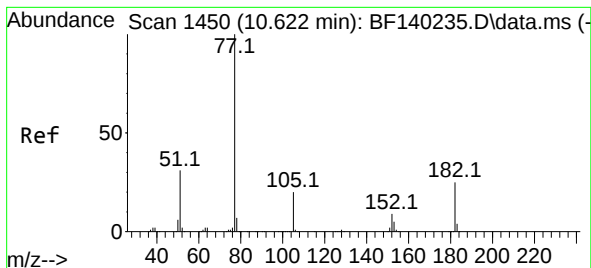
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#62
4-Nitroaniline
Concen: 53.810 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:138 Resp: 218354
Ion Ratio Lower Upper
138 100
92 53.0 35.3 75.3
108 83.3 70.1 110.1





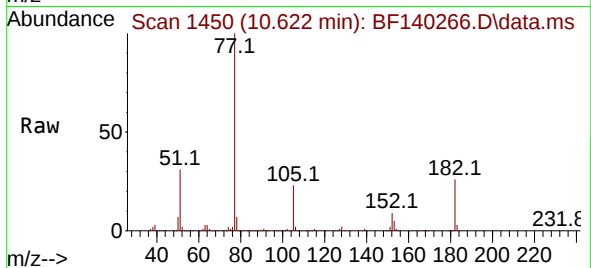
#63
Azobenzene
Concen: 52.003 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS



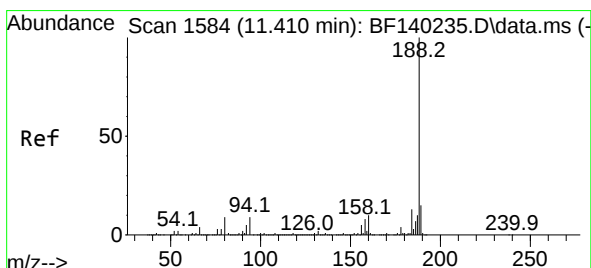
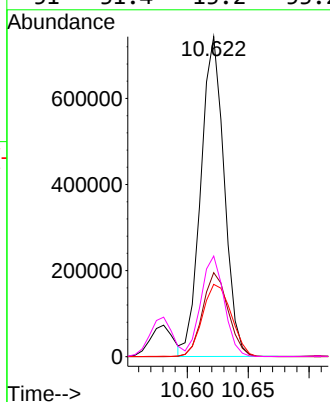
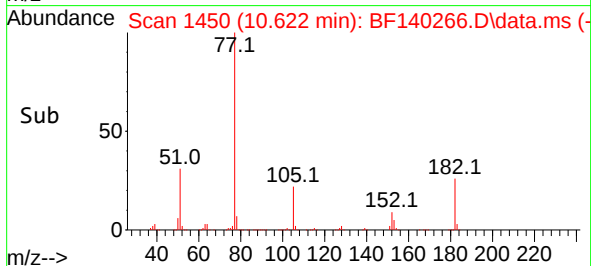
Tgt Ion: 77 Resp: 988314
Ion Ratio Lower Upper
77 100
182 26.3 4.7 44.7
105 22.6 0.0 40.0
51 31.4 13.2 53.2

Manual Integrations

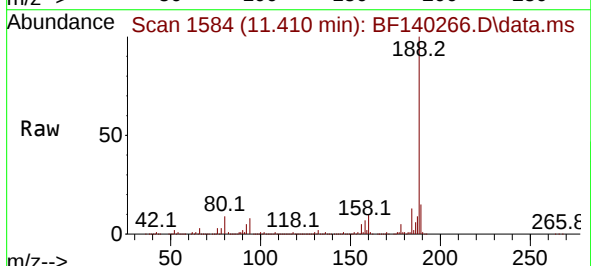
APPROVED

Reviewed By :Yogesh Patel 11/08/2024

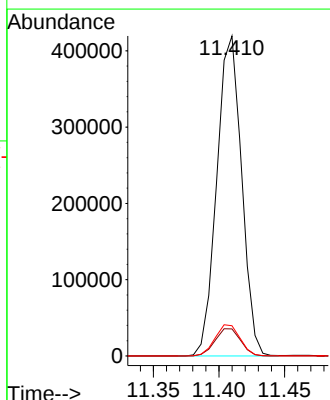
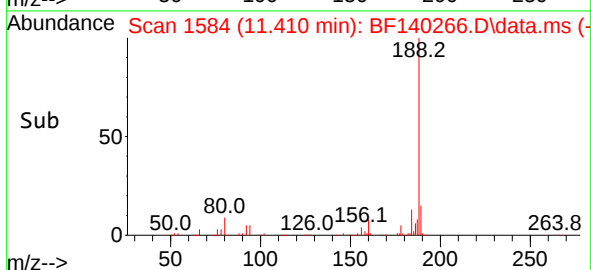
Supervised By :mohammad ahmed 11/11/2024

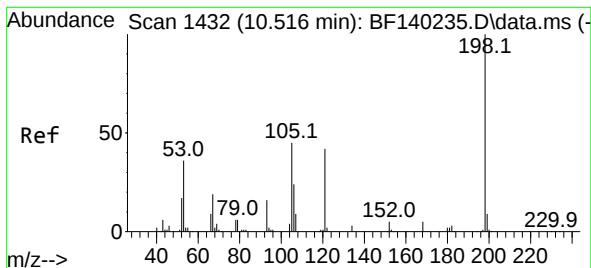


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21



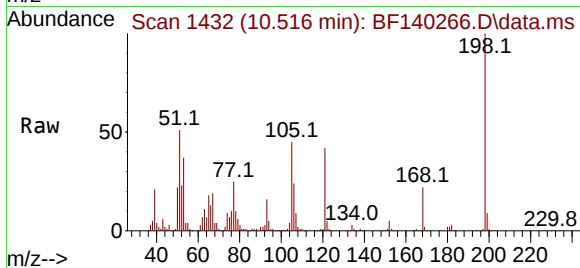
Tgt Ion:188 Resp: 552061
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.5 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 58.704 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

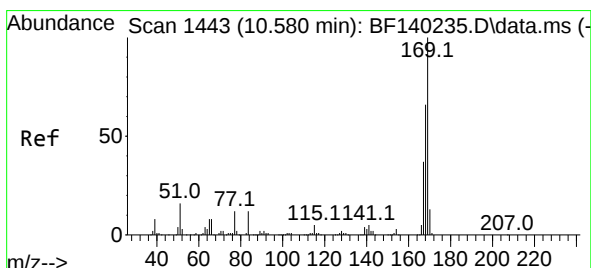
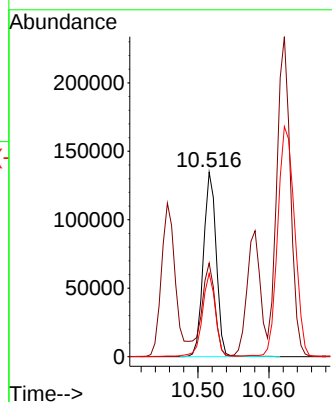
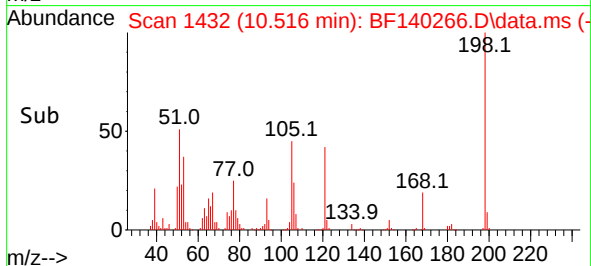
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMS



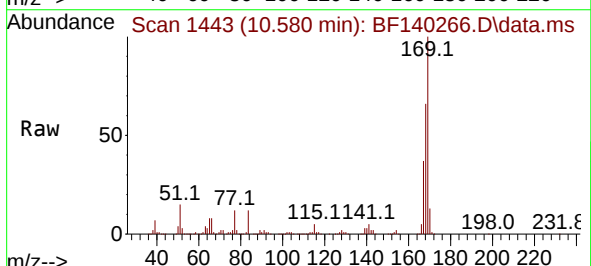
Tgt Ion:198 Resp: 170210
Ion Ratio Lower Upper
198 100
51 50.7 34.0 74.0
105 45.1 25.1 65.1

Manual Integrations
APPROVED

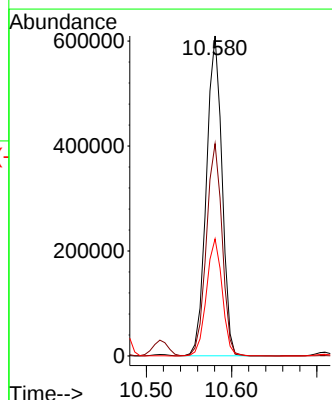
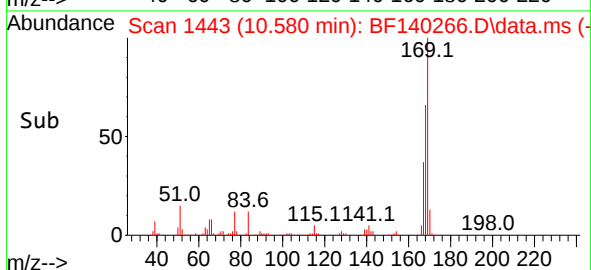
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

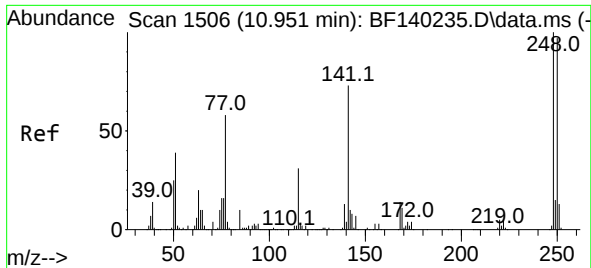


#66
n-Nitrosodiphenylamine
Concen: 48.807 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21



Tgt Ion:169 Resp: 774971
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 36.6 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 49.095 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

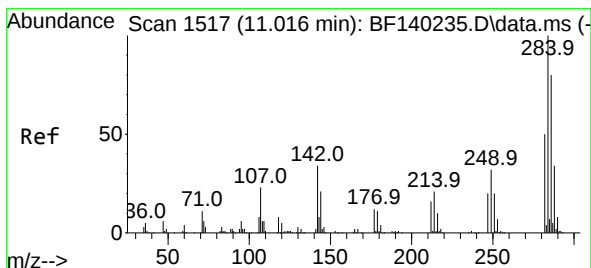
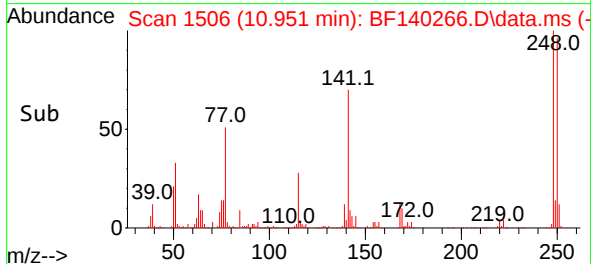
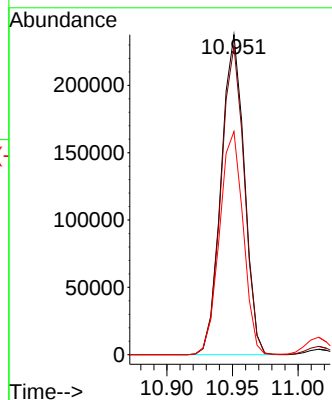
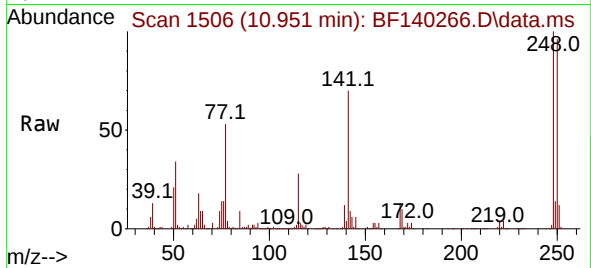
BP-G4-WCMS

Tgt Ion:248 Resp: 29186
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 69.8 58.6 88.0

Manual Integrations

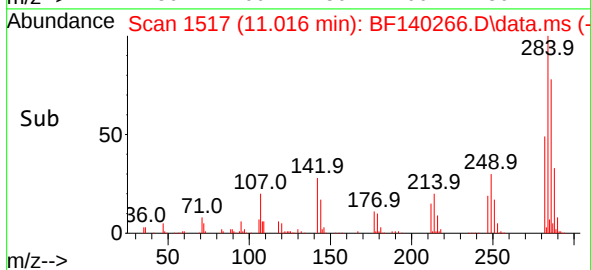
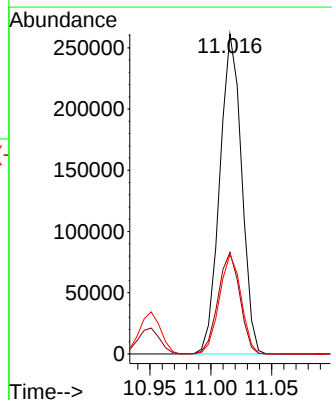
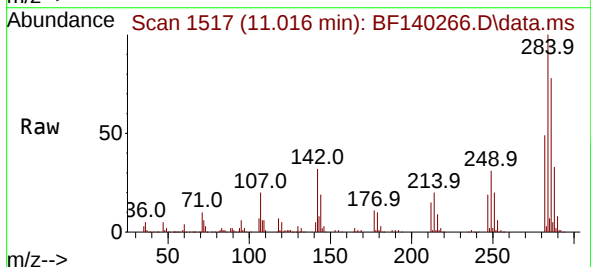
APPROVED

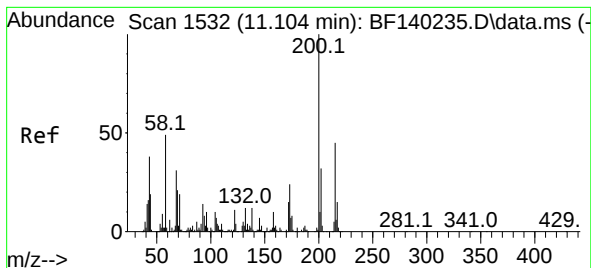
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#68
Hexachlorobenzene
Concen: 48.176 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:284 Resp: 326453
Ion Ratio Lower Upper
284 100
142 31.8 27.5 41.3
249 31.1 26.2 39.2





#69

Atrazine

Concen: 64.387 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS

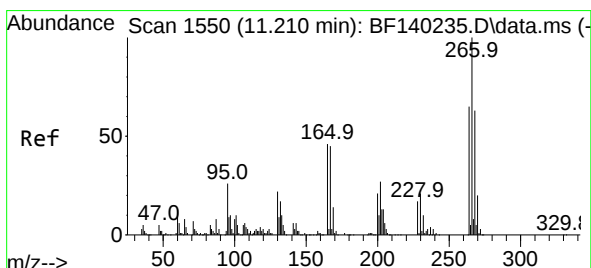
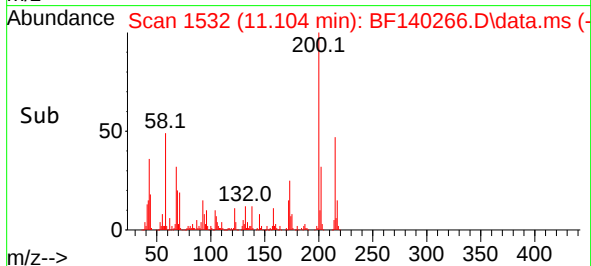
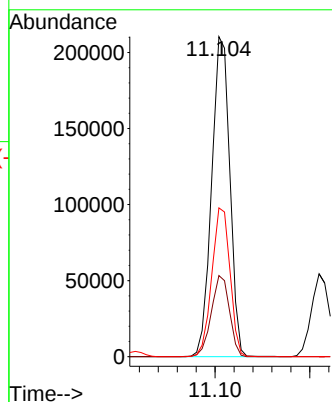
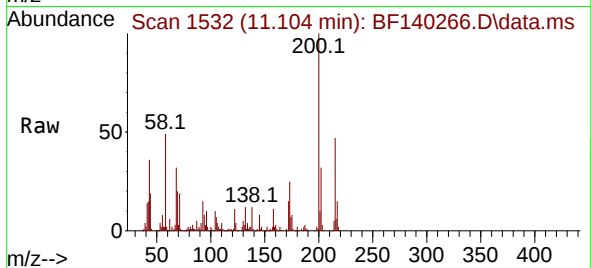
Tgt Ion:	200	Resp:	279700
Ion Ratio	Lower	Upper	
200	100		
173	25.4	4.4	44.4
215	46.5	25.2	65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#70

Pentachlorophenol

Concen: 104.774 ng

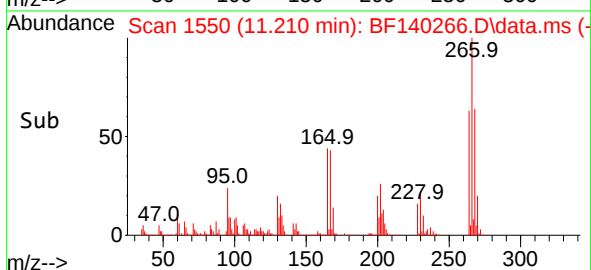
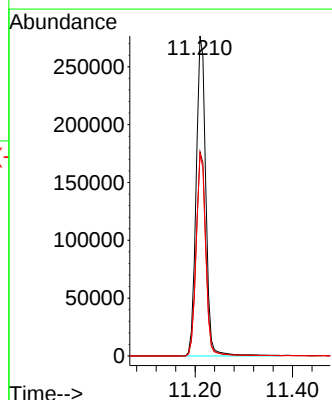
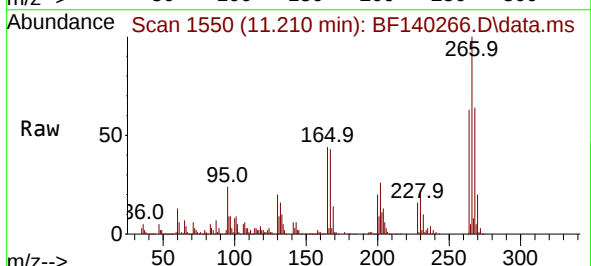
RT: 11.210 min Scan# 1550

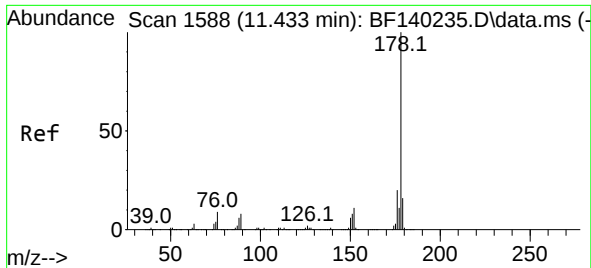
Delta R.T. 0.000 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

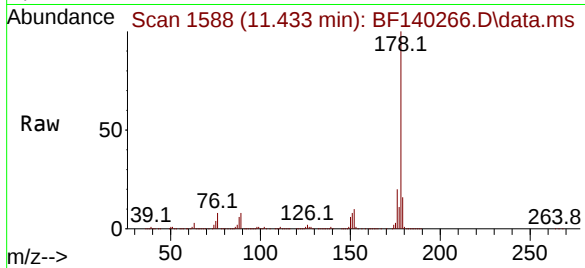
Tgt Ion:	266	Resp:	381238
Ion Ratio	Lower	Upper	
266	100		
268	63.8	50.2	75.4
264	63.0	52.2	78.4





#71
Phenanthrene
Concen: 50.002 ng
RT: 11.433 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

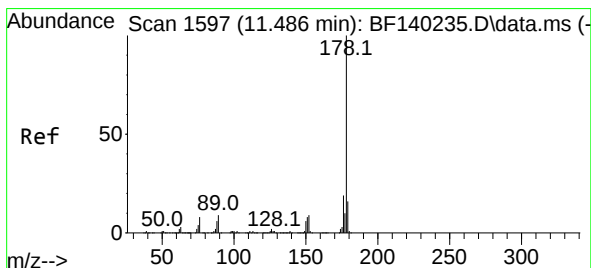
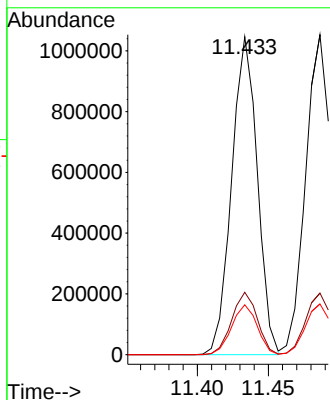
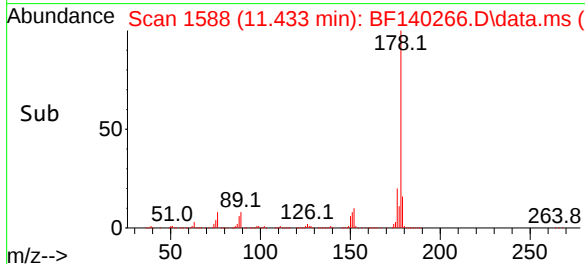
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMS



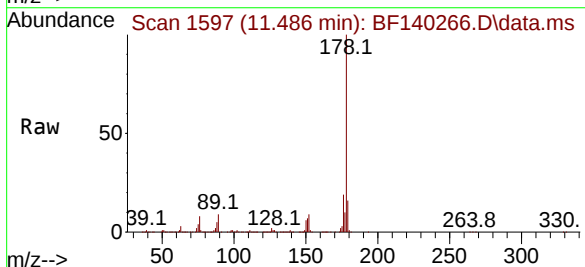
Tgt Ion:178 Resp: 131737
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.7 12.6 18.8

Manual Integrations
APPROVED

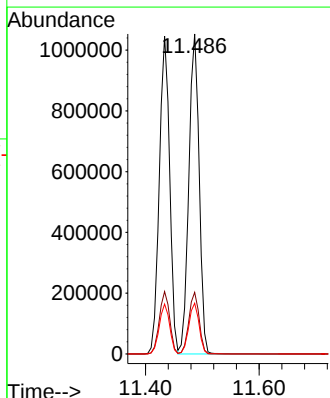
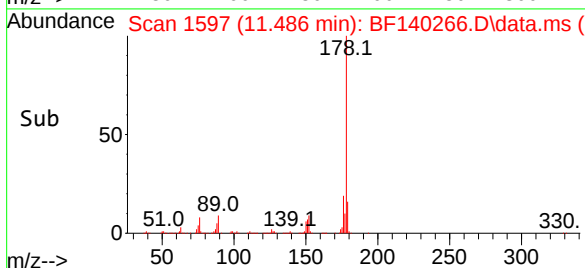
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

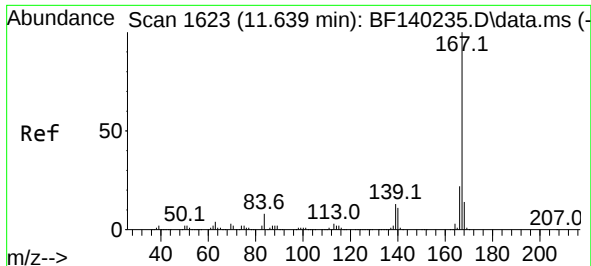


#72
Anthracene
Concen: 51.469 ng
RT: 11.486 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21



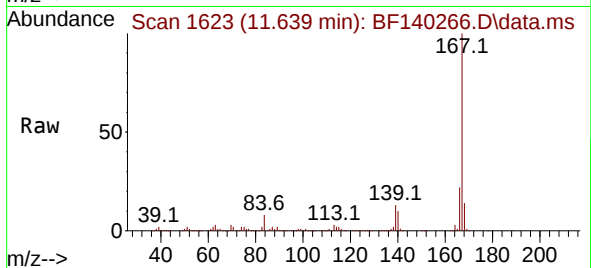
Tgt Ion:178 Resp: 1329677
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.8 12.7 19.1





#73
 Carbazole
 Concen: 49.315 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF140266.D
 Acq: 07 Nov 2024 11:21

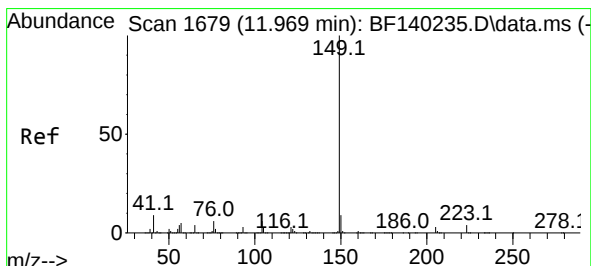
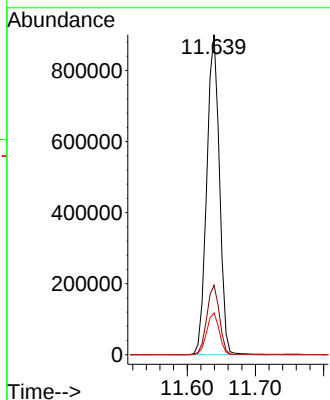
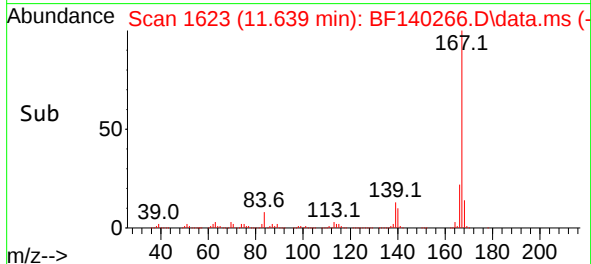
Instrument :
 BNA_F
 ClientSampleId :
 BP-G4-WCMS



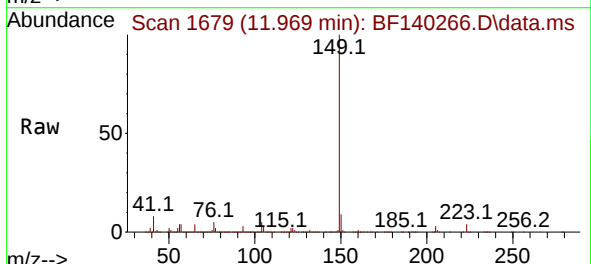
Tgt Ion:167 Resp: 116409
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.0 10.7 16.1

Manual Integrations
 APPROVED

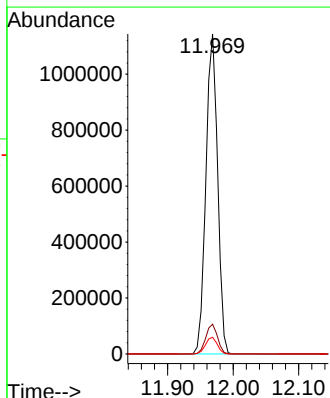
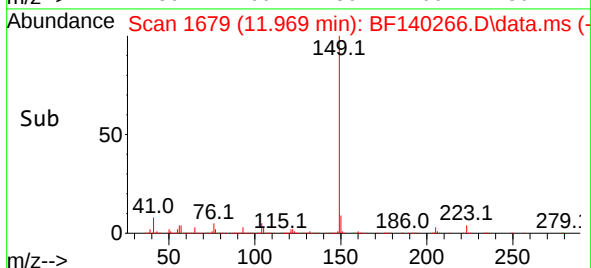
Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

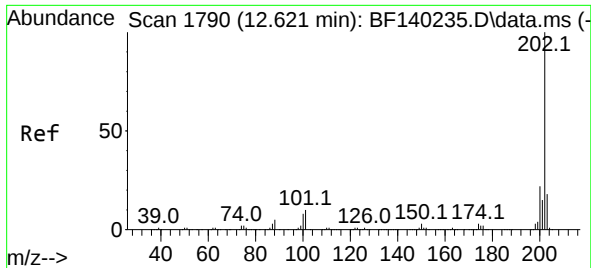


#74
 Di-n-butylphthalate
 Concen: 50.862 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. 0.000 min
 Lab File: BF140266.D
 Acq: 07 Nov 2024 11:21



Tgt Ion:149 Resp: 1421178
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.2 4.5 6.7





#75
Fluoranthene
Concen: 48.302 ng
RT: 12.622 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS

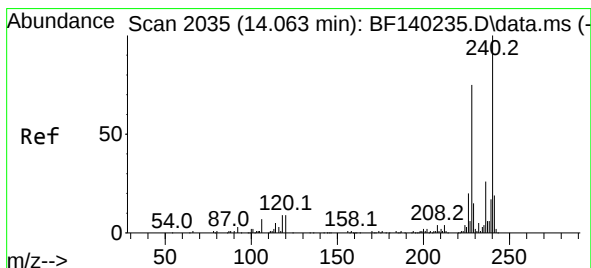
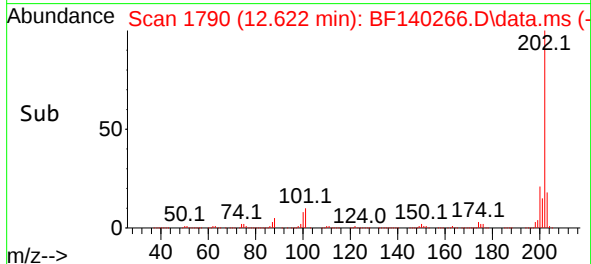
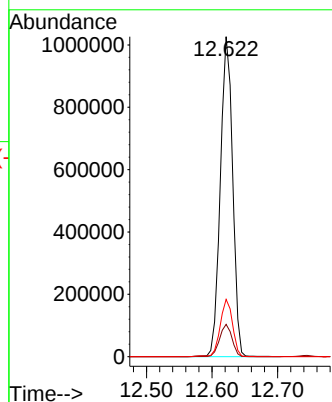
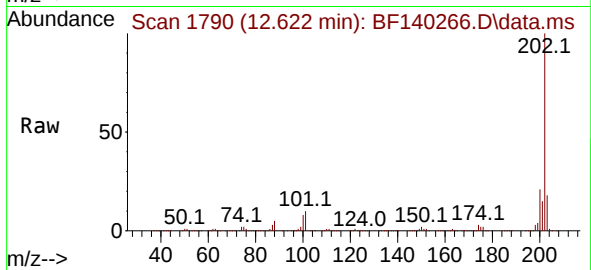
Tgt Ion:202 Resp: 133066
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.4
203 17.9 0.0 38.0

Manual Integrations

APPROVED

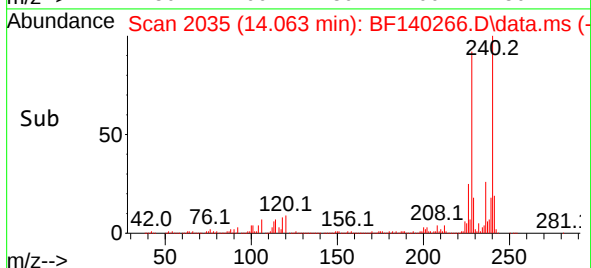
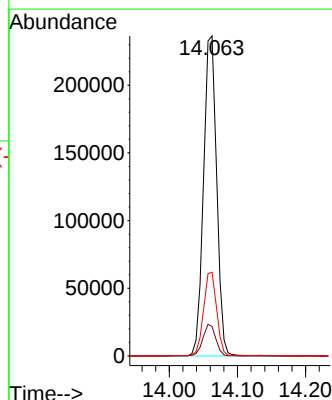
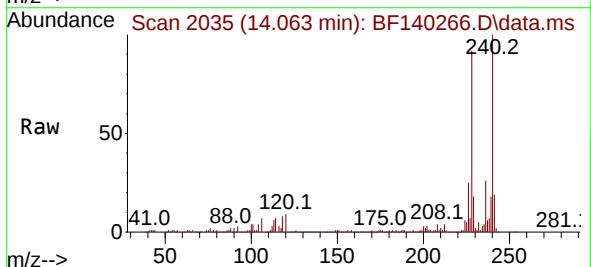
Reviewed By :Yogesh Patel 11/08/2024

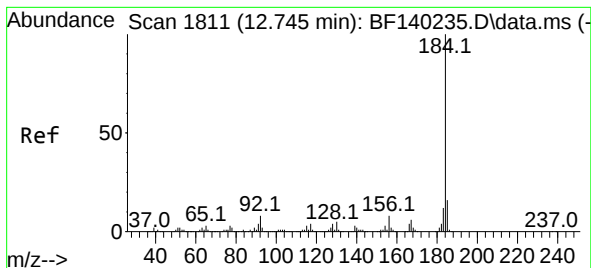
Supervised By :mohammad ahmed 11/11/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:240 Resp: 317340
Ion Ratio Lower Upper
240 100
120 9.2 7.5 11.3
236 26.1 20.9 31.3





#77

Benzidine

Concen: 106.591 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS

Tgt Ion:184 Resp: 66135

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

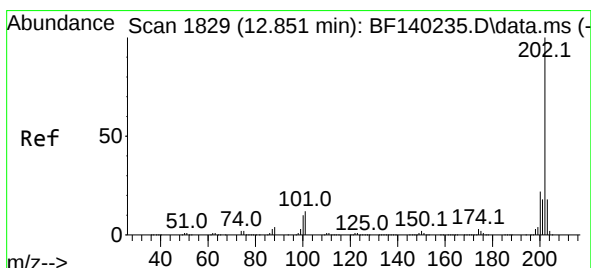
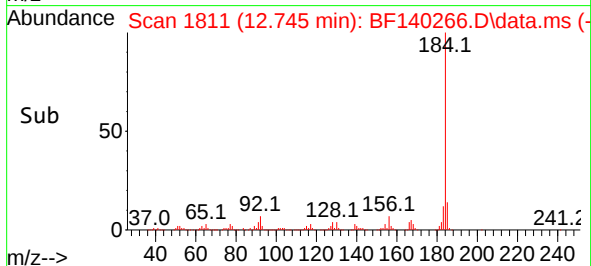
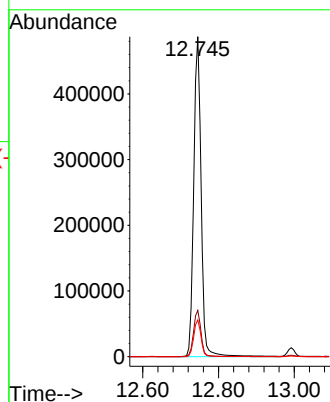
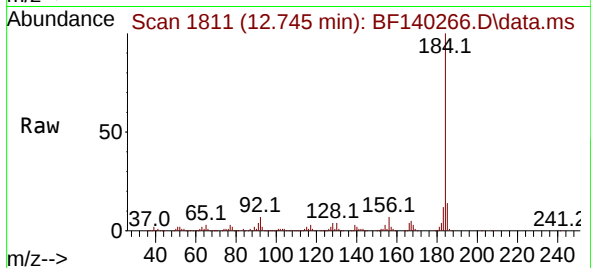
183 11.5 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#78

Pyrene

Concen: 51.246 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

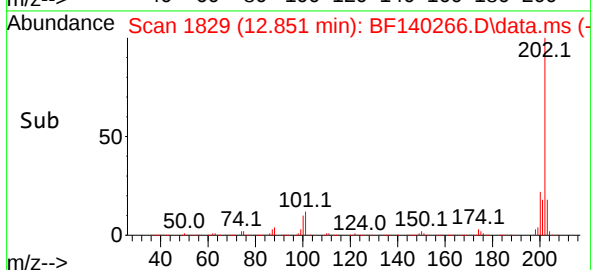
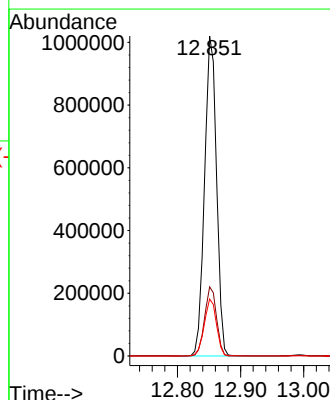
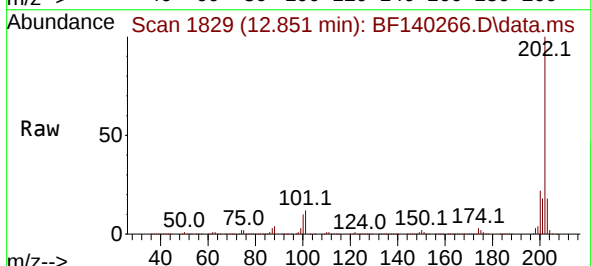
Tgt Ion:202 Resp: 1342741

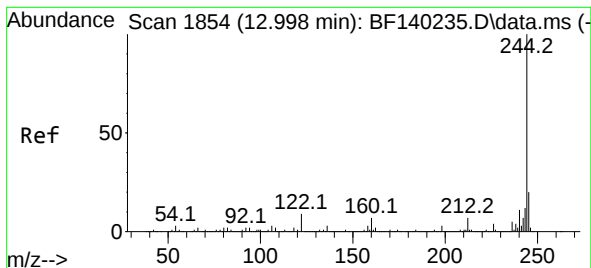
Ion Ratio Lower Upper

202 100

200 21.6 17.5 26.3

203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 64.298 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS

Tgt Ion:244 Resp: 124558

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

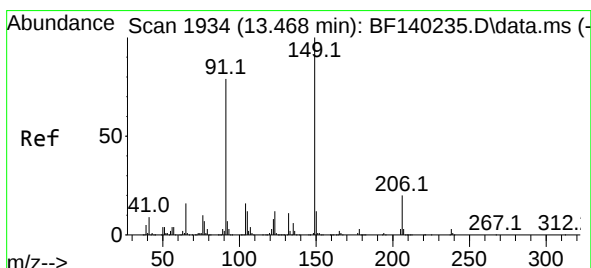
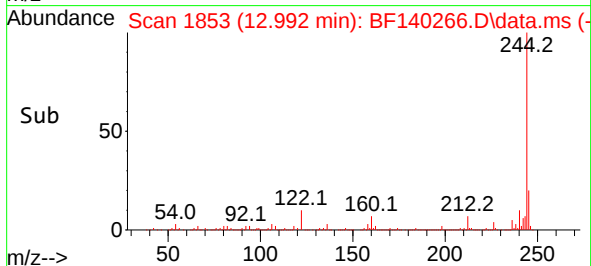
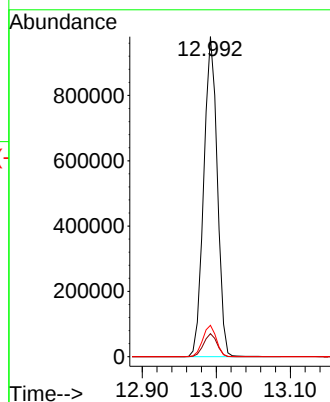
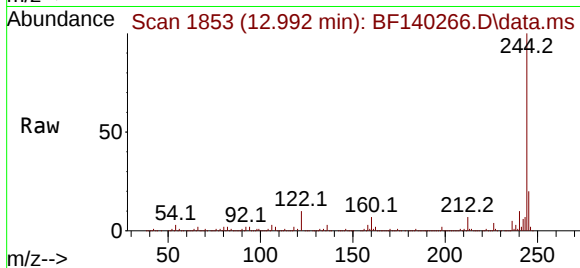
122 9.8 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#80

Butylbenzylphthalate

Concen: 54.498 ng

RT: 13.469 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

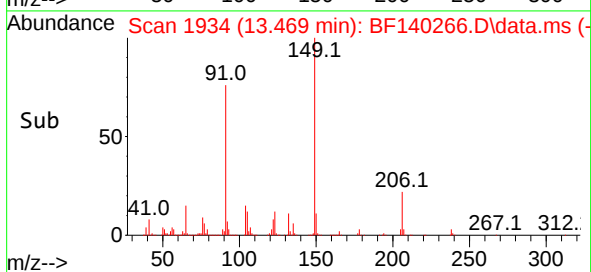
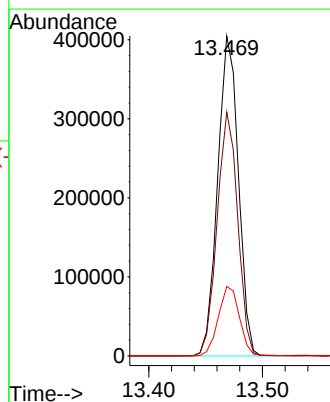
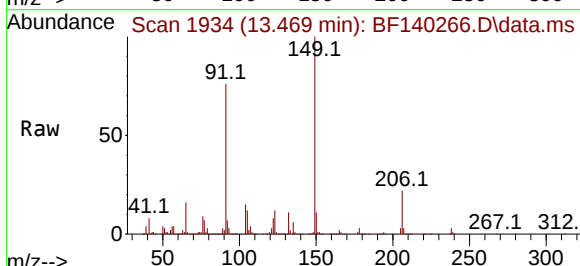
Tgt Ion:149 Resp: 514185

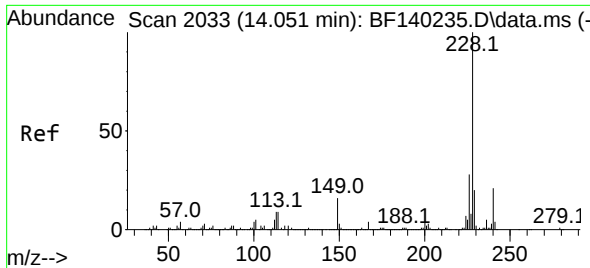
Ion Ratio Lower Upper

149 100

91 76.3 63.0 94.4

206 21.7 16.4 24.6





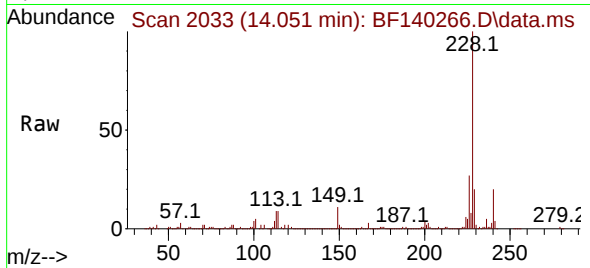
#81
Benzo(a)anthracene
Concen: 51.388 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS



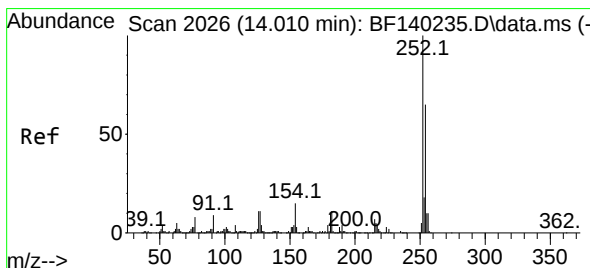
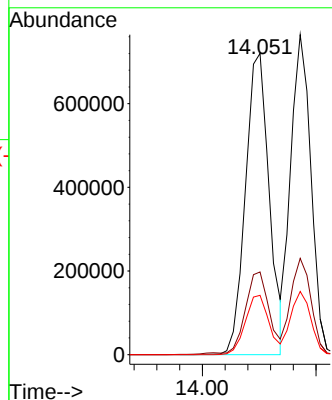
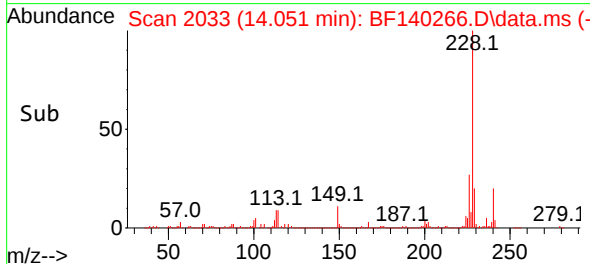
Tgt Ion:228 Resp: 1046540
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.7 16.1 24.1

Manual Integrations

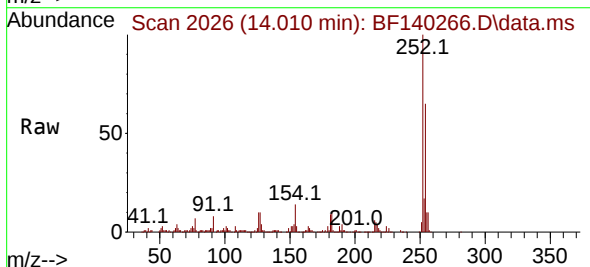
APPROVED

Reviewed By :Yogesh Patel 11/08/2024

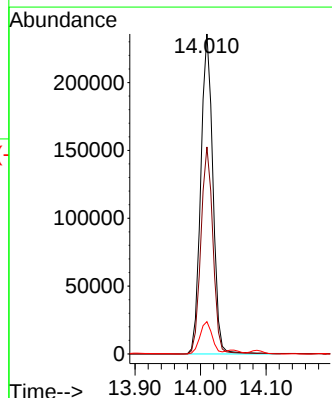
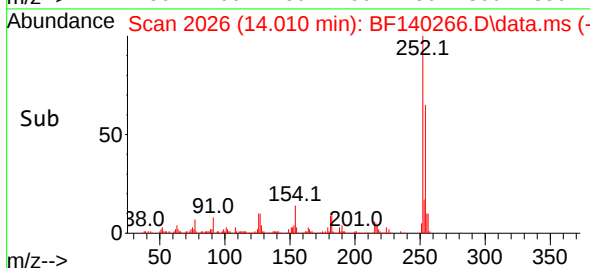
Supervised By :mohammad ahmed 11/11/2024

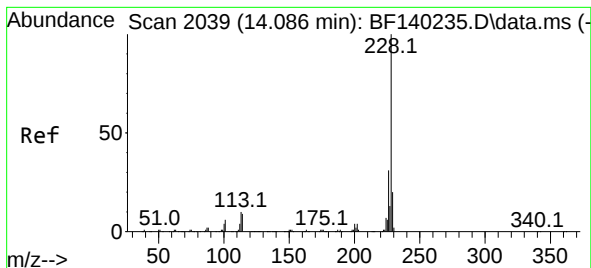


#82
3,3'-Dichlorobenzidine
Concen: 47.434 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21



Tgt Ion:252 Resp: 303363
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.8
126 10.1 8.6 12.8





#83

Chrysene

Concen: 49.963 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS

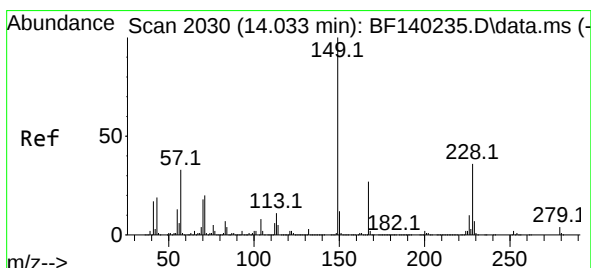
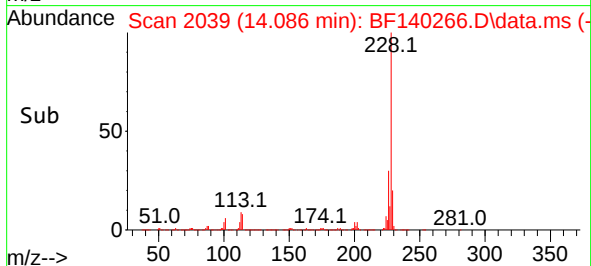
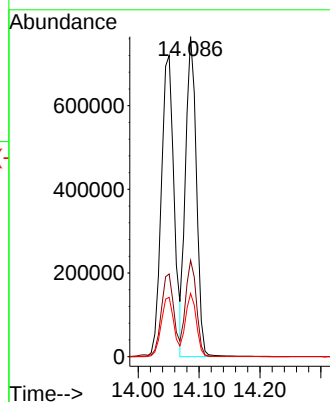
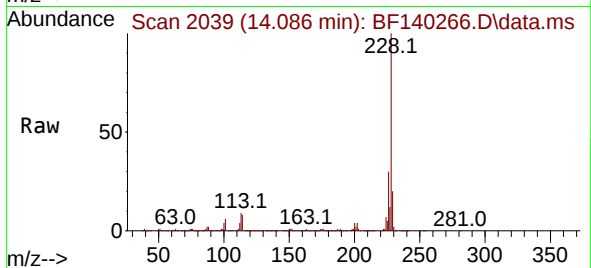
Tgt Ion:	228	Resp:	95285
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.6	36.8
229	19.7	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.542 ng

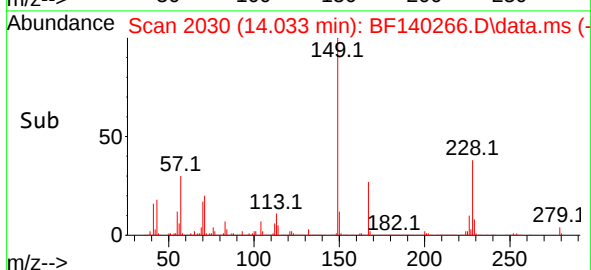
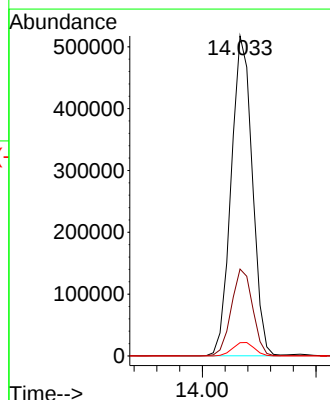
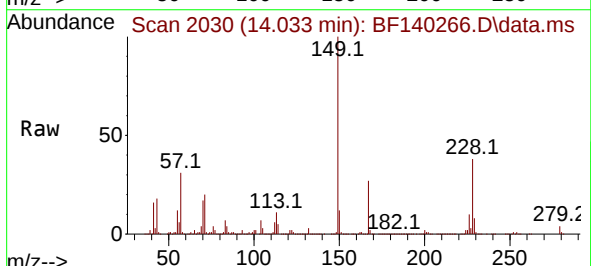
RT: 14.033 min Scan# 2030

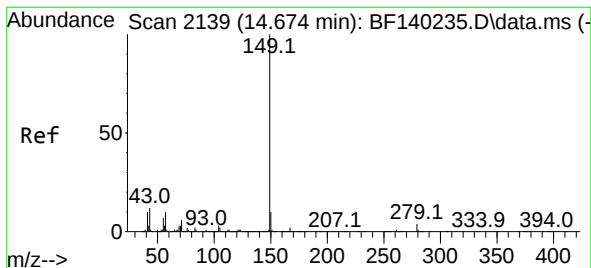
Delta R.T. 0.000 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

Tgt Ion:	149	Resp:	668335
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.8	32.8
279	4.2	3.2	4.8





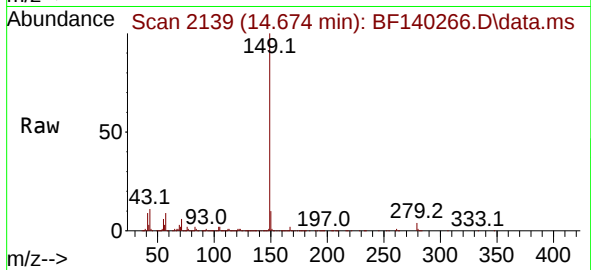
#85
Di-n-octyl phthalate
Concen: 48.993 ng
RT: 14.674 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS

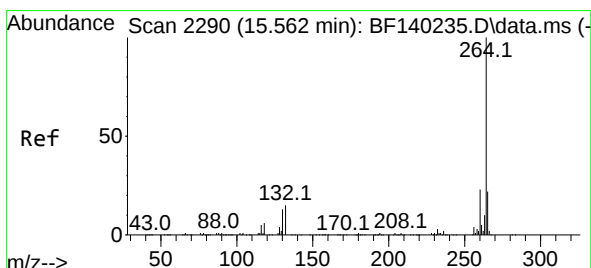
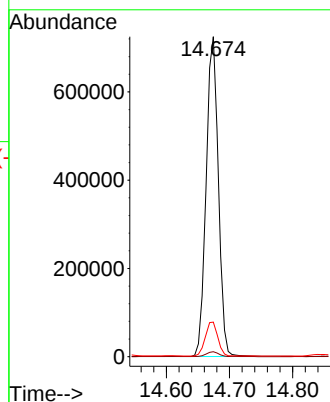
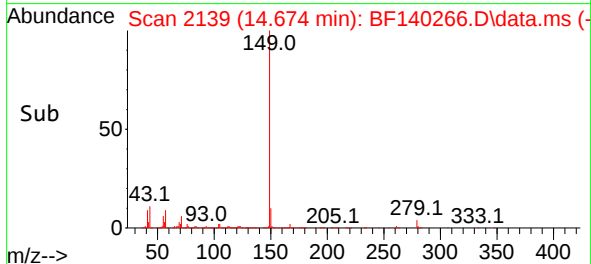


Tgt Ion:149 Resp: 97511
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.0 9.7 14.5

Manual Integrations

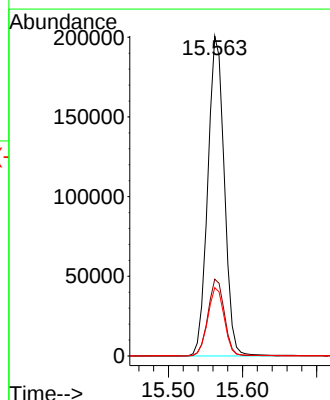
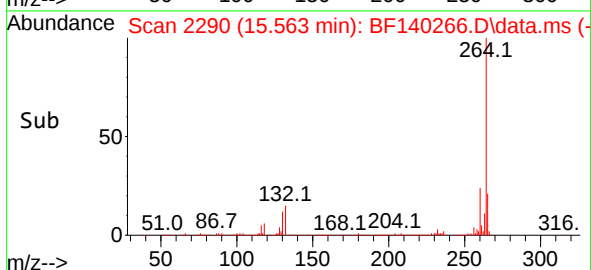
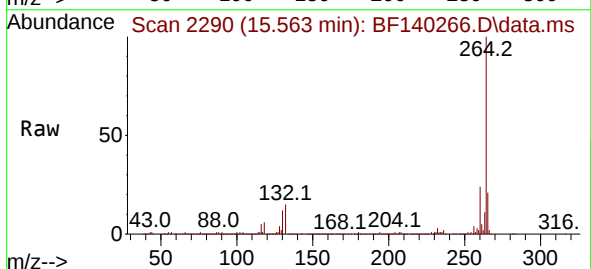
APPROVED

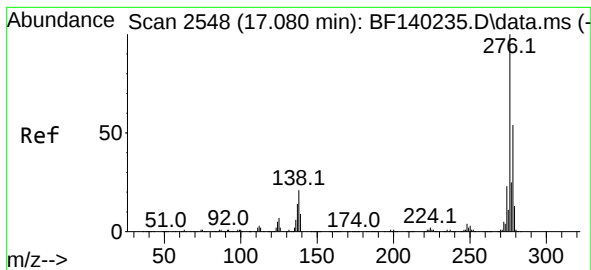
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:264 Resp: 310649
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.841 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS

Tgt Ion:276 Resp: 90885

Ion Ratio Lower Upper

276 100

138 21.7 17.6 26.4

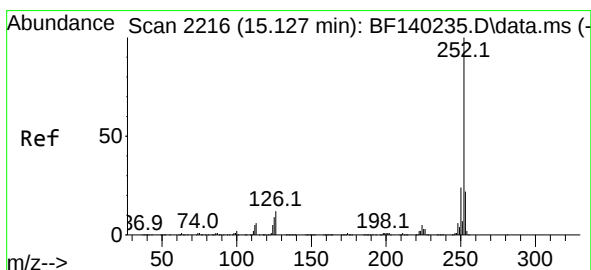
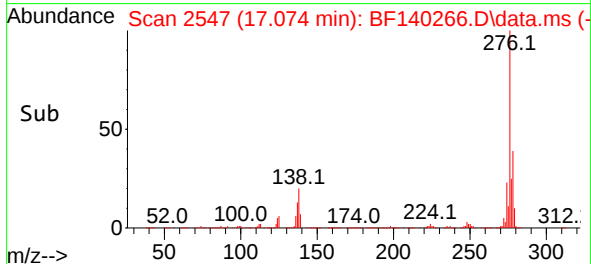
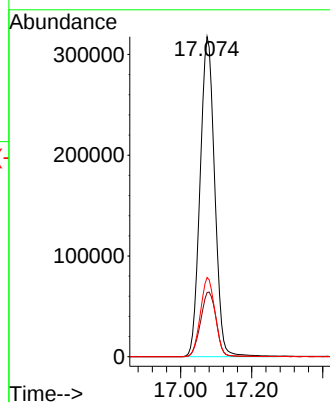
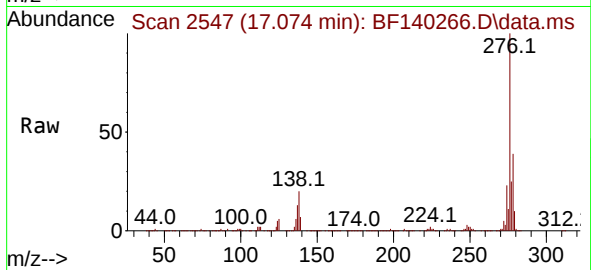
277 24.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#88

Benzo(b)fluoranthene

Concen: 52.717 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

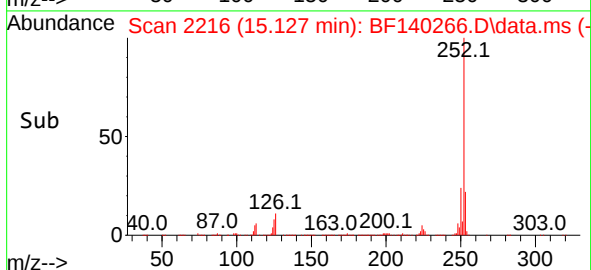
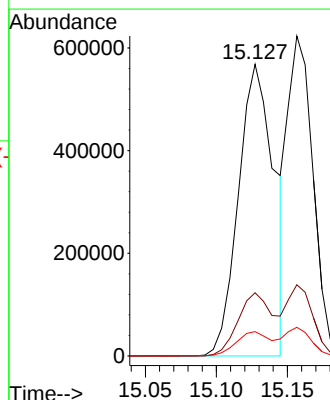
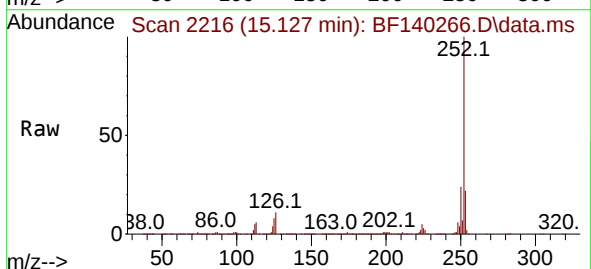
Tgt Ion:252 Resp: 990577

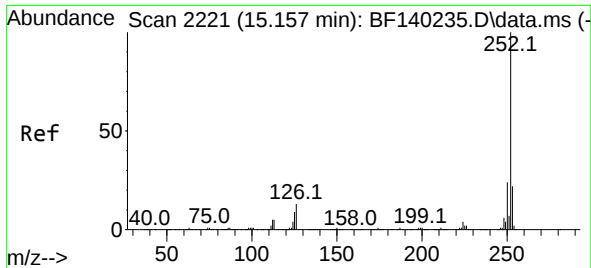
Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

125 8.3 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 45.538 ng
RT: 15.157 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

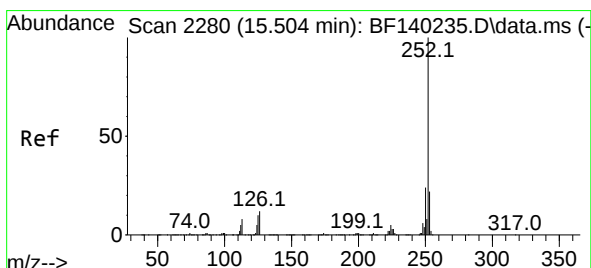
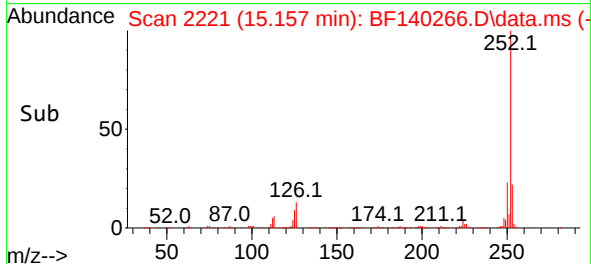
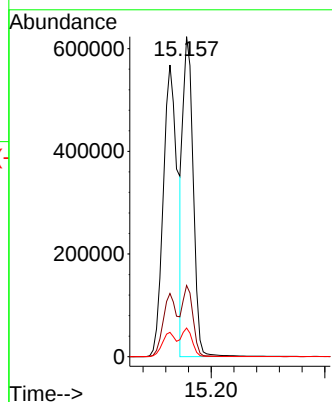
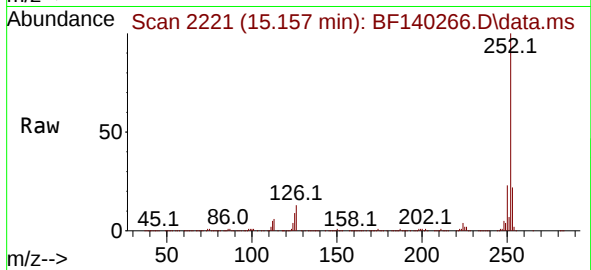
BP-G4-WCMS

Tgt Ion:252 Resp: 78518
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.0 7.2 10.8

Manual Integrations

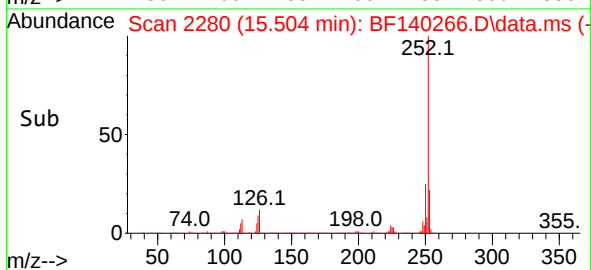
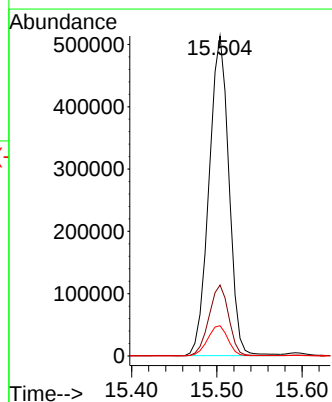
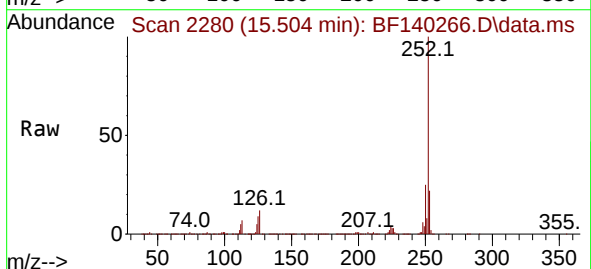
APPROVED

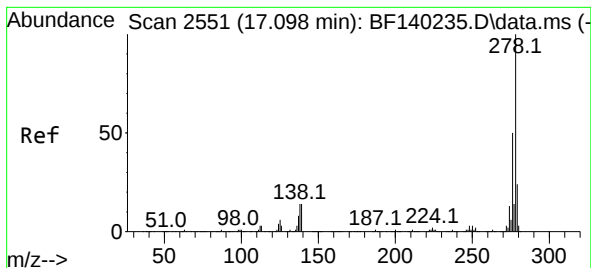
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#90
Benzo(a)pyrene
Concen: 53.718 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF140266.D
Acq: 07 Nov 2024 11:21

Tgt Ion:252 Resp: 832233
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.5 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 49.209 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS

Tgt Ion:278 Resp: 73826

Ion Ratio Lower Upper

278 100

139 14.4 11.1 16.7

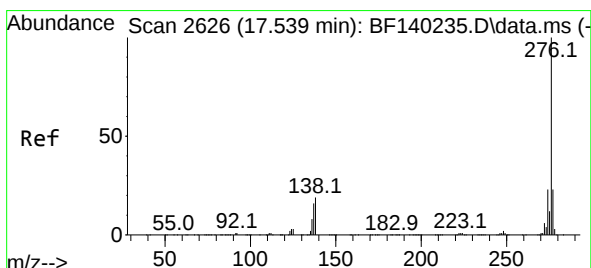
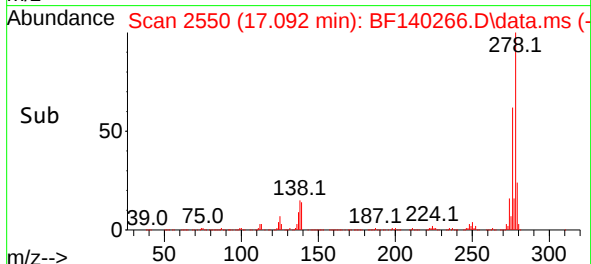
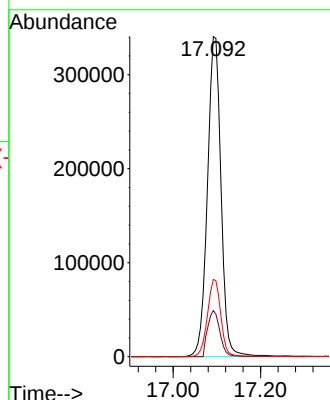
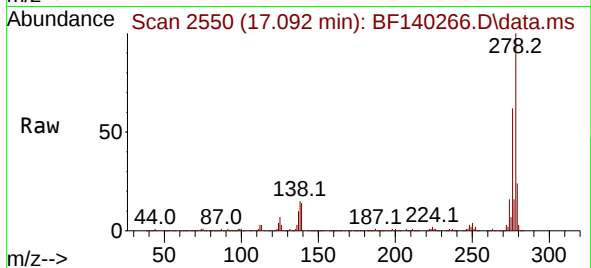
279 24.1 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#92

Benzo(g,h,i)perylene

Concen: 43.740 ng

RT: 17.533 min Scan# 2625

Delta R.T. -0.006 min

Lab File: BF140266.D

Acq: 07 Nov 2024 11:21

Tgt Ion:276 Resp: 669402

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 18.5 15.3 22.9

