

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138640.D
 Acq On : 24 Jul 2024 15:05
 Operator : RC/JU
 Sample : PB162256BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162256BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 15:49:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	83060	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	340347	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	187813	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	330524	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	149555	20.000	ng	-0.02
86) Perylene-d12	15.468	264	168394	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	660692	125.978	ng	0.00
7) Phenol-d6	6.493	99	880992	126.276	ng	-0.01
23) Nitrobenzene-d5	7.422	82	580349	83.720	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	229634	130.823	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	993548	82.679	ng	-0.02
79) Terphenyl-d14	12.957	244	988982	107.731	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	82730	35.617	ng	98
3) Pyridine	3.457	79	217751	38.015	ng	97
4) n-Nitrosodimethylamine	3.416	42	165449	44.370	ng	89
6) Aniline	6.516	93	227264	34.778	ng	# 34
8) 2-Chlorophenol	6.640	128	269744	48.642	ng	98
9) Benzaldehyde	6.404	77	22008	5.893	ng	96
10) Phenol	6.510	94	342507	46.251	ng	87
11) bis(2-Chloroethyl)ether	6.593	93	263811	47.316	ng	97
12) 1,3-Dichlorobenzene	6.793	146	273253	43.837	ng	97
13) 1,4-Dichlorobenzene	6.869	146	278740	44.035	ng	98
14) 1,2-Dichlorobenzene	7.022	146	268172	45.488	ng	98
15) Benzyl Alcohol	6.998	79	250032	47.754	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	464812	42.393	ng	64
17) 2-Methylphenol	7.110	107	217191	47.788	ng	96
18) Hexachloroethane	7.363	117	106203	45.639	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	204219	47.372	ng	94
20) 3+4-Methylphenols	7.269	107	266746	46.608	ng	# 90
22) Acetophenone	7.263	105	351729	42.551	ng	98
24) Nitrobenzene	7.440	77	308127	43.740	ng	98
25) Isophorone	7.675	82	548144	46.045	ng	99
26) 2-Nitrophenol	7.751	139	144237	47.772	ng	94
27) 2,4-Dimethylphenol	7.792	122	184215m	49.642	ng	
28) bis(2-Chloroethoxy)met...	7.887	93	326692	45.919	ng	97
29) 2,4-Dichlorophenol	7.998	162	216189	44.863	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	232410	41.401	ng	98
31) Naphthalene	8.157	128	782523	44.208	ng	100
32) Benzoic acid	7.928	122	115493	32.632	ng	91
33) 4-Chloroaniline	8.204	127	124980	20.123	ng	98
34) Hexachlorobutadiene	8.269	225	137574	39.798	ng	100
35) Caprolactam	8.581	113	67446m	43.374	ng	
36) 4-Chloro-3-methylphenol	8.698	107	252425	46.790	ng	99
37) 2-Methylnaphthalene	8.845	142	502046	44.074	ng	99
38) 1-Methylnaphthalene	8.945	142	462516	41.604	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	208796	39.889	ng	98
41) Hexachlorocyclopentadiene	8.998	237	189749	111.682	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	143219	42.893	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	156215	42.537	ng	# 93
46) 1,1'-Biphenyl	9.310	154	593021	41.664	ng	99
47) 2-Chloronaphthalene	9.339	162	466170	43.354	ng	99
48) 2-Nitroaniline	9.439	65	174398	46.804	ng	99
49) Acenaphthylene	9.751	152	741143	48.548	ng	99
50) Dimethylphthalate	9.616	163	569026	46.855	ng	100
51) 2,6-Dinitrotoluene	9.681	165	124127	44.391	ng	91
52) Acenaphthene	9.922	154	449800	44.325	ng	99
53) 3-Nitroaniline	9.845	138	78999	27.565	ng	88
54) 2,4-Dinitrophenol	9.957	184	121467	80.886	ng	95
55) Dibenzofuran	10.098	168	657710	44.684	ng	99
56) 4-Nitrophenol	10.022	139	169198	80.013	ng	99
57) 2,4-Dinitrotoluene	10.086	165	166584	46.044	ng	91
58) Fluorene	10.439	166	526125	45.175	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	132919	45.861	ng	97
60) Diethylphthalate	10.310	149	546671	46.694	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	251898	43.073	ng	93
62) 4-Nitroaniline	10.463	138	125786	43.799	ng	99
63) Azobenzene	10.592	77	597806	47.493	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	94717	49.630	ng	83
66) n-Nitrosodiphenylamine	10.551	169	455386	45.986	ng	97
67) 4-Bromophenyl-phenylether	10.922	248	151462	44.585	ng	99
68) Hexachlorobenzene	10.986	284	166936	44.233	ng	96
69) Atrazine	11.075	200	143423	43.684	ng	98
70) Pentachlorophenol	11.180	266	166826	74.703	ng	97
71) Phenanthrene	11.398	178	773279	46.309	ng	100
72) Anthracene	11.451	178	790780	47.707	ng	99
73) Carbazole	11.610	167	666319	44.731	ng	99
74) Di-n-butylphthalate	11.933	149	834624	48.608	ng	99
75) Fluoranthene	12.586	202	739469	43.399	ng	98
77) Benzidine	12.704	184	100172	26.548	ng	98
78) Pyrene	12.816	202	731124	48.158	ng	100
80) Butylbenzylphthalate	13.427	149	248194	54.345	ng	97
81) Benzo(a)anthracene	13.998	228	472992	47.134	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	81389	31.475	ng	# 97
83) Chrysene	14.039	228	447742	47.164	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	288374	59.205	ng	98
85) Di-n-octyl phthalate	14.592	149	458564	59.596	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	551696	48.775	ng	99
88) Benzo(b)fluoranthene	15.045	252	418702	44.151	ng	99
89) Benzo(k)fluoranthene	15.074	252	424911	45.941	ng	99
90) Benzo(a)pyrene	15.410	252	413324	49.614	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	441129	47.677	ng	100
92) Benzo(g,h,i)perylene	17.380	276	435100	44.347	ng	97

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

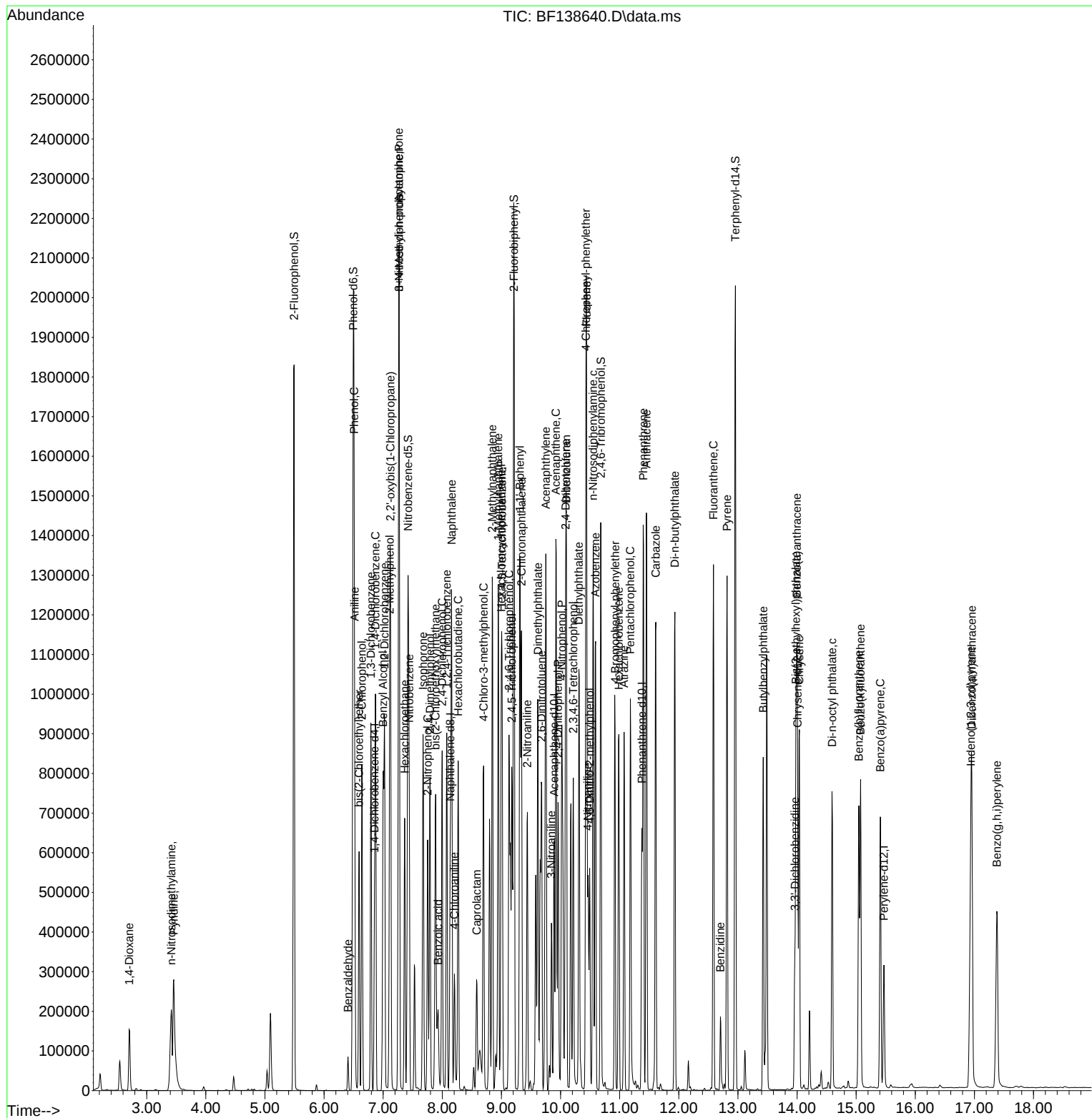
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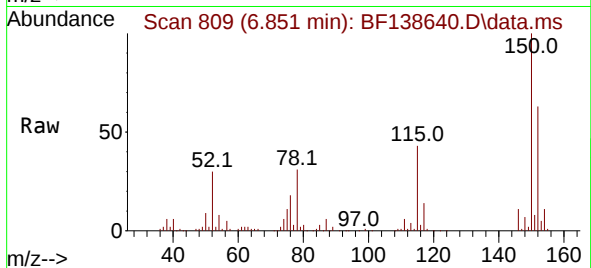
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

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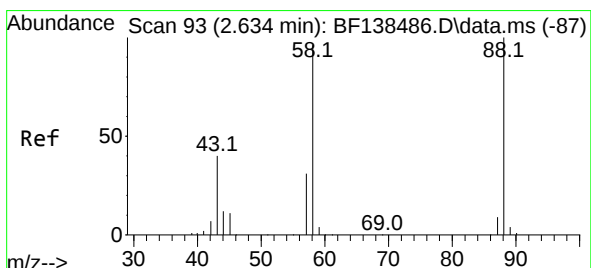
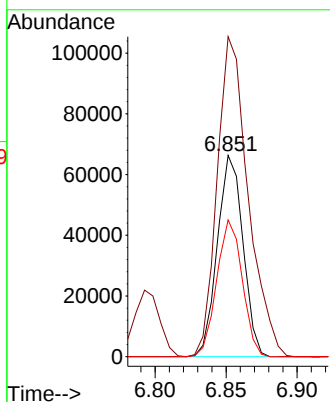
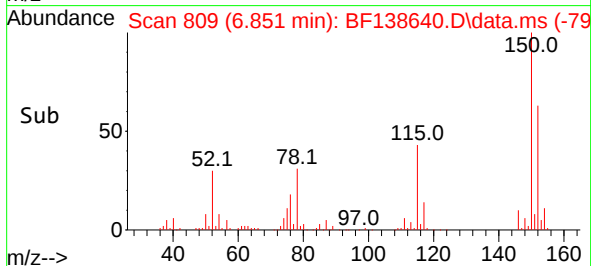


Tgt Ion:152 Resp: 83060
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.4
115 68.0 50.3 75.5

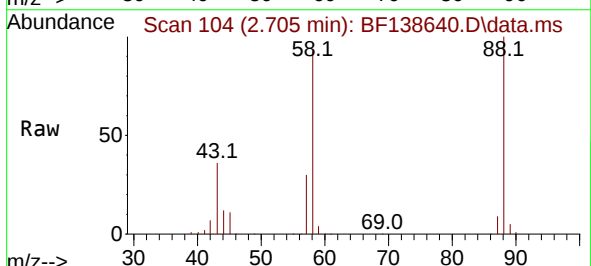
Manual Integrations

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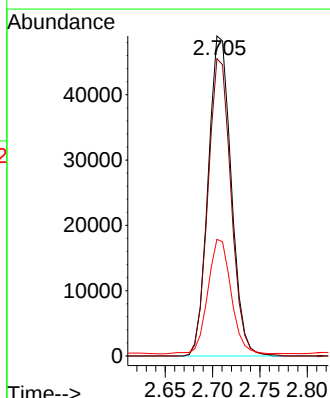
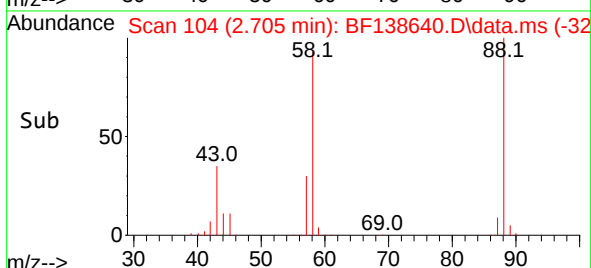
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

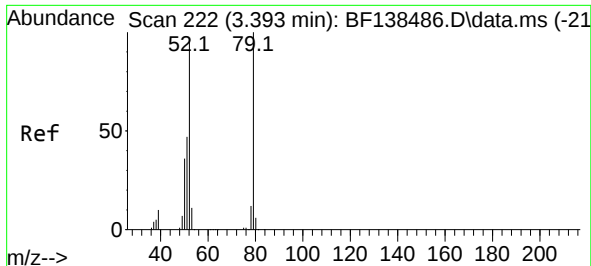


#2
1,4-Dioxane
Concen: 35.617 ng
RT: 2.705 min Scan# 104
Delta R.T. 0.071 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



Tgt Ion: 88 Resp: 82730
Ion Ratio Lower Upper
88 100
58 93.1 74.6 112.0
43 36.3 31.8 47.6





#3

Pyridine

Concen: 38.015 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF138640.D

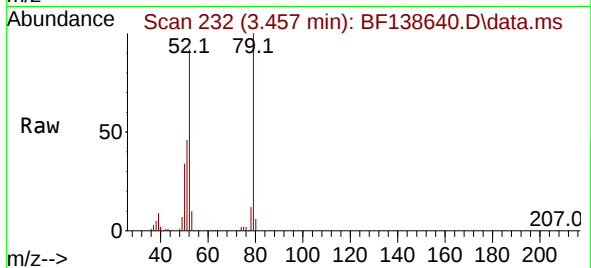
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

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Tgt Ion: 79 Resp: 21775

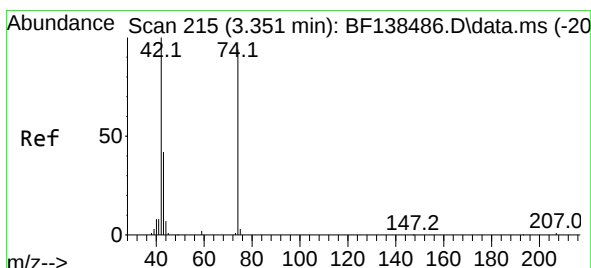
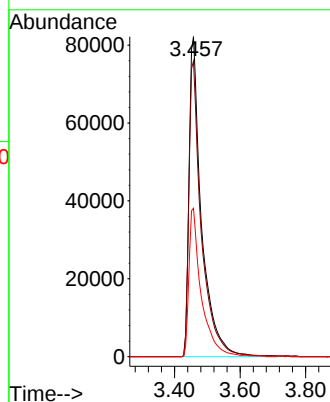
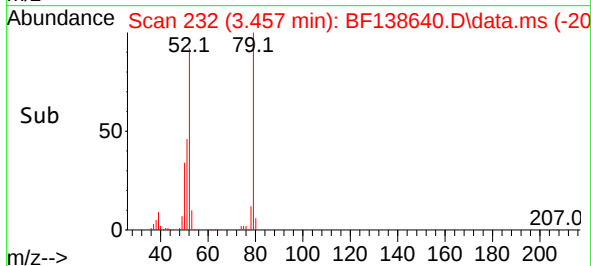
Ion	Ratio	Lower	Upper
79	100		
52	92.3	77.4	116.2
51	46.4	37.4	56.0

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#4

n-Nitrosodimethylamine

Concen: 44.370 ng

RT: 3.416 min Scan# 225

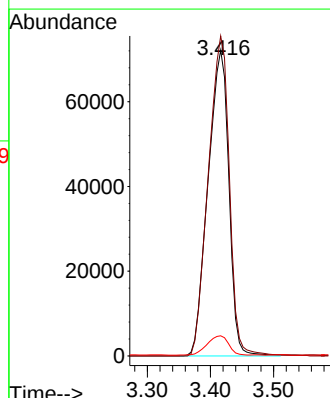
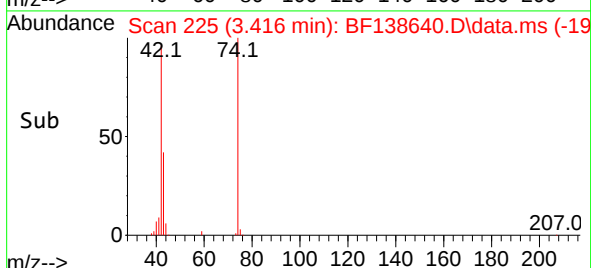
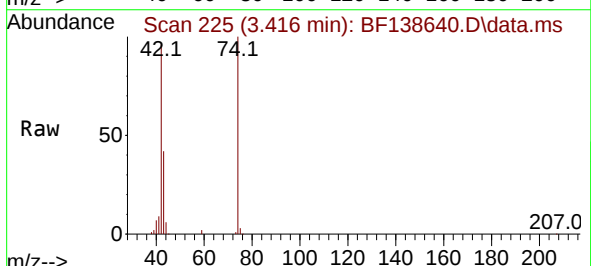
Delta R.T. 0.065 min

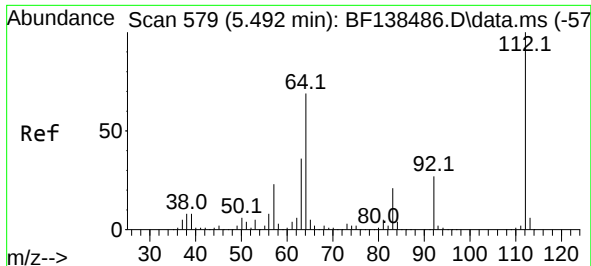
Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Tgt Ion: 42 Resp: 165449

Ion	Ratio	Lower	Upper
42	100		
74	104.6	75.0	112.6
44	6.6	5.4	8.2





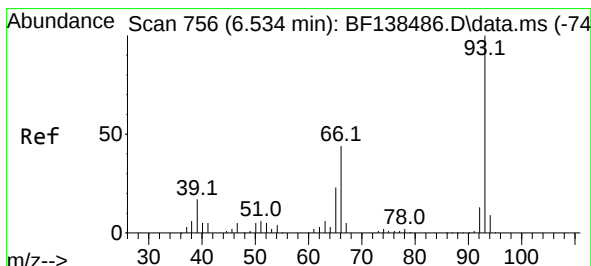
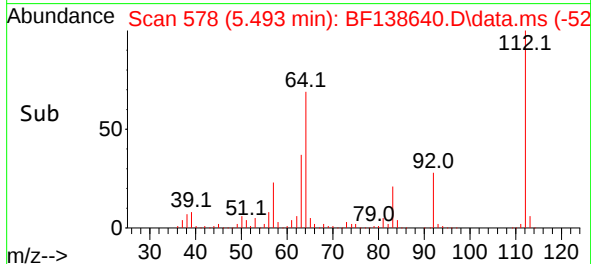
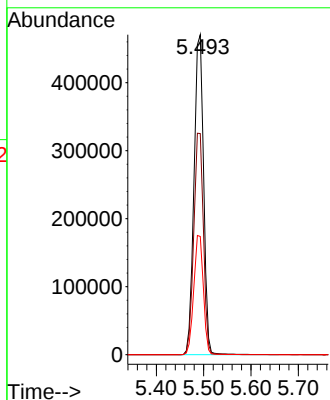
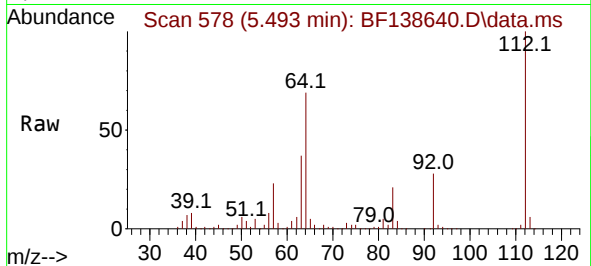
#5
2-Fluorophenol
Concen: 125.978 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

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Tgt Ion:112 Resp: 660692
Ion Ratio Lower Upper
112 100
64 69.1 55.1 82.7
63 36.9 29.0 43.6

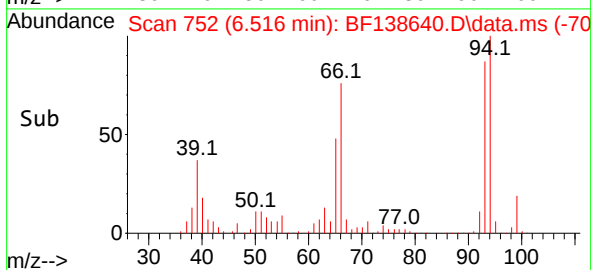
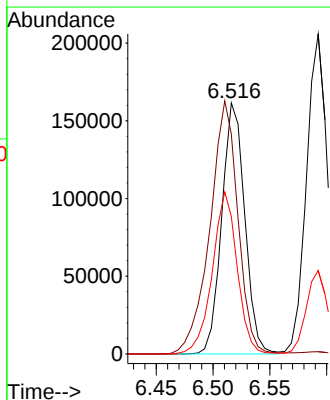
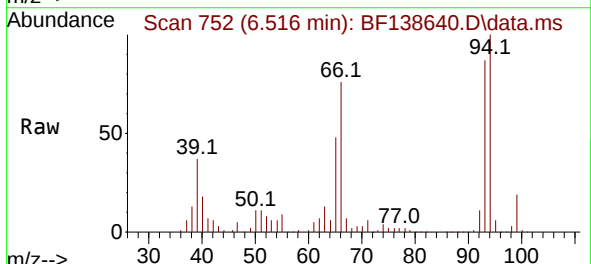
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#6
Aniline
Concen: 34.778 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

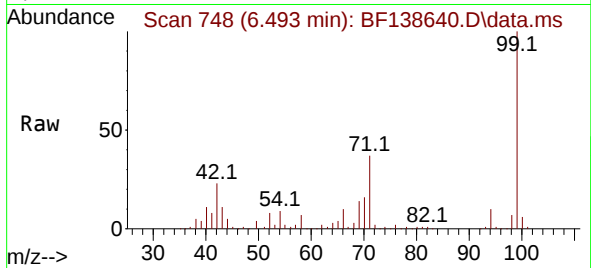
Tgt Ion: 93 Resp: 227264
Ion Ratio Lower Upper
93 100
66 87.7 35.4 53.0#
65 54.8 18.6 27.8#





#7
Phenol-d6
Concen: 126.276 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

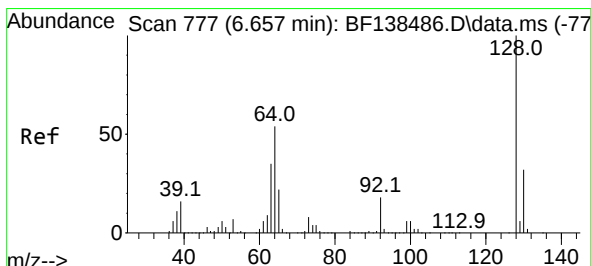
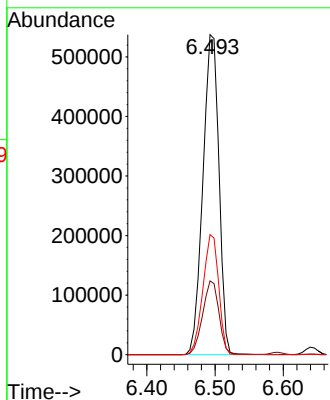
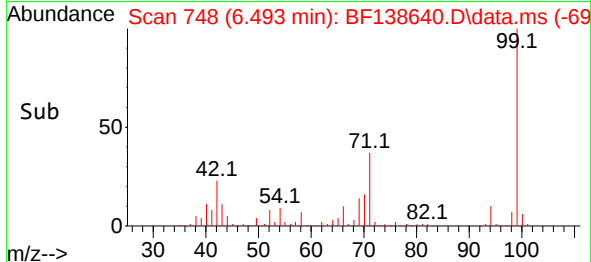
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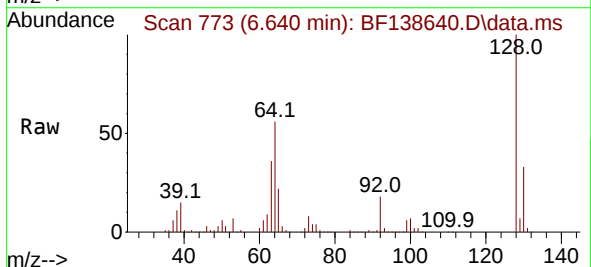
Tgt Ion: 99 Resp: 880992
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 37.5 29.9 44.9

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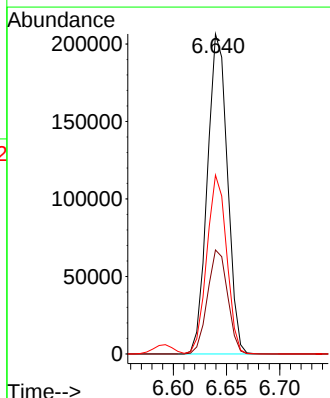
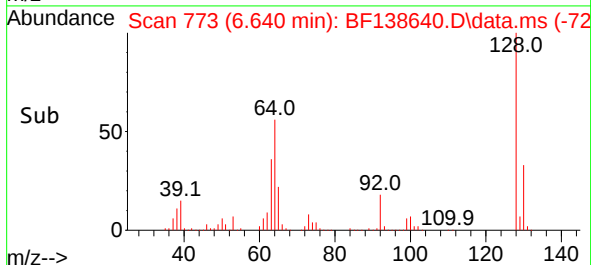
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#8
2-Chlorophenol
Concen: 48.642 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



Tgt Ion:128 Resp: 269744
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 55.9 34.4 74.4





#9

Benzaldehyde

Concen: 5.893 ng

RT: 6.404 min Scan# 711

Delta R.T. -0.018 min

Lab File: BF138640.D

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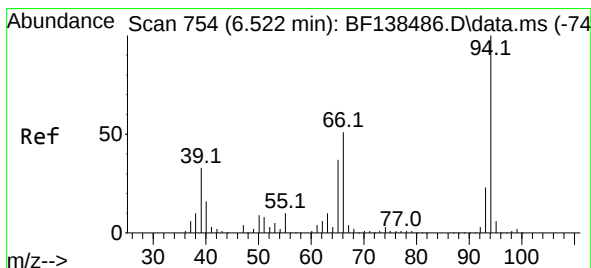
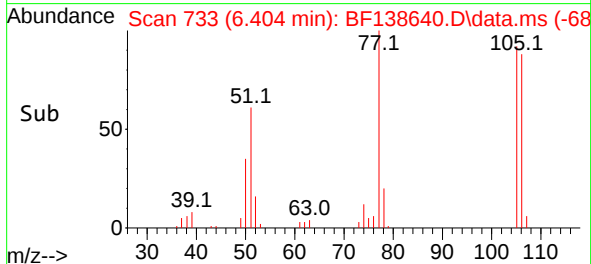
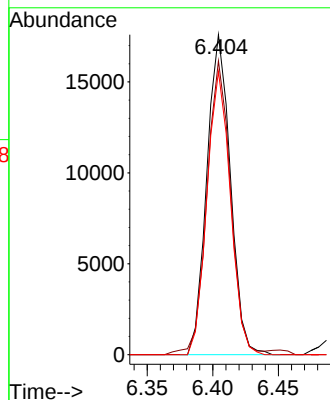
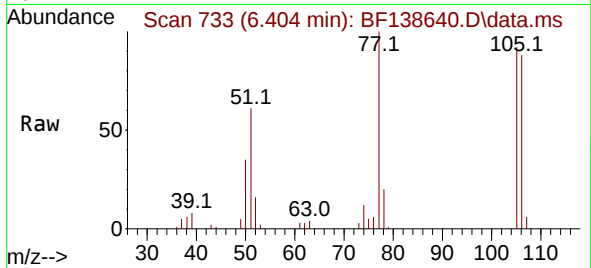
Tgt Ion: 77	Resp: 22008
Ion Ratio	Lower Upper
77 100	
105 91.8	75.1 115.1
106 88.5	73.2 113.2

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#10

Phenol

Concen: 46.251 ng

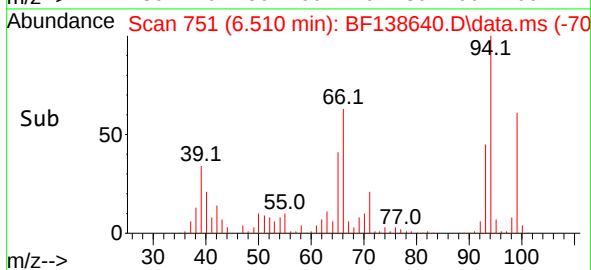
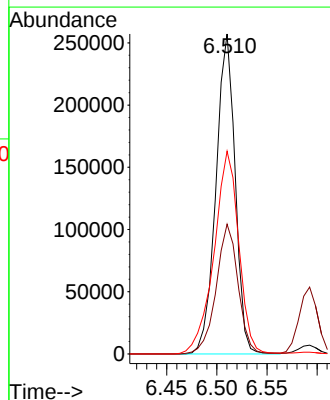
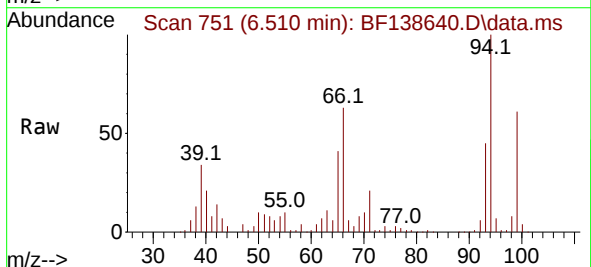
RT: 6.510 min Scan# 751

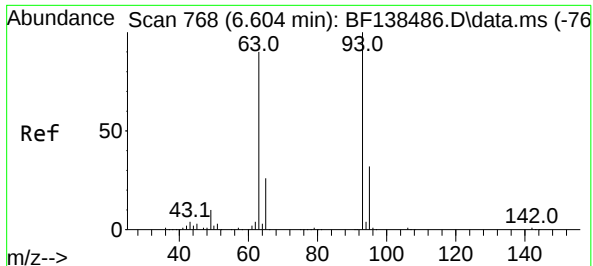
Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Tgt Ion: 94	Resp: 342507
Ion Ratio	Lower Upper
94 100	
65 40.6	16.7 56.7
66 63.3	31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 47.316 ng

RT: 6.593 min Scan# 709

Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

Tgt Ion: 93 Resp: 26381

Ion Ratio Lower Upper

93 100

63 85.7 68.8 108.8

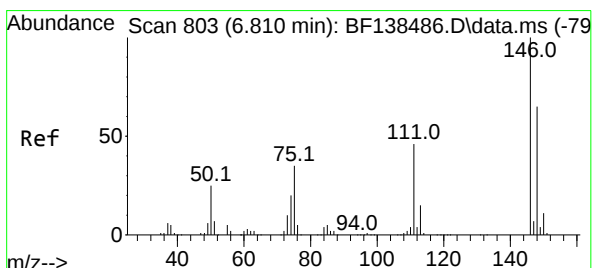
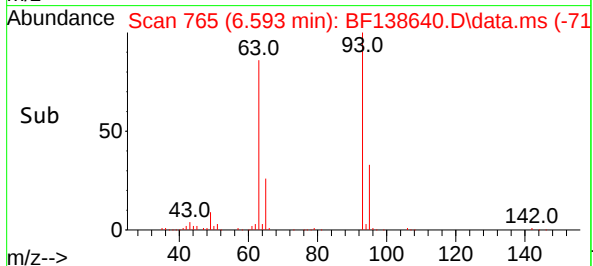
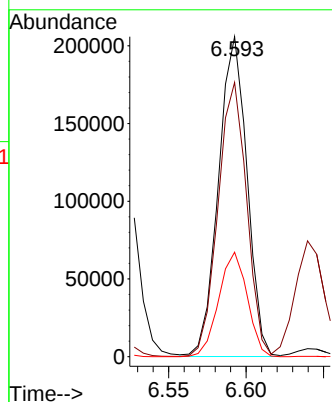
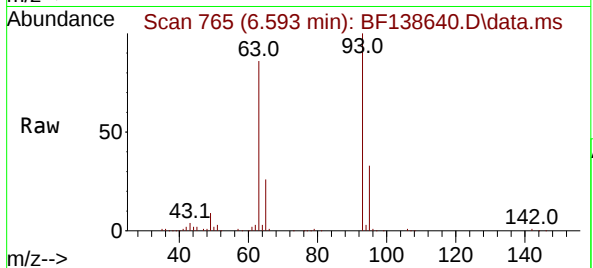
95 32.6 11.8 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#12

1,3-Dichlorobenzene

Concen: 43.837 ng

RT: 6.793 min Scan# 799

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

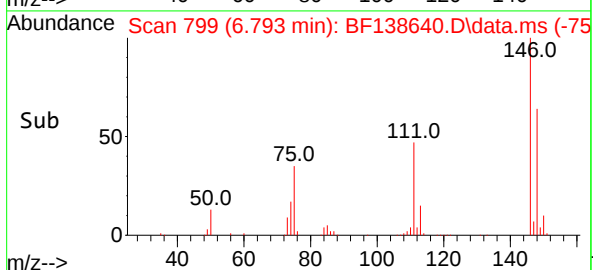
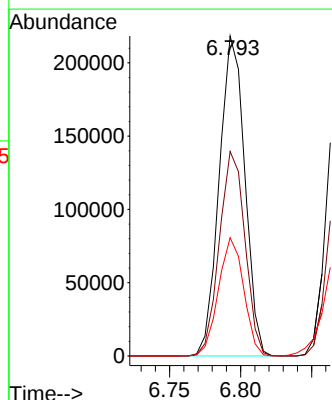
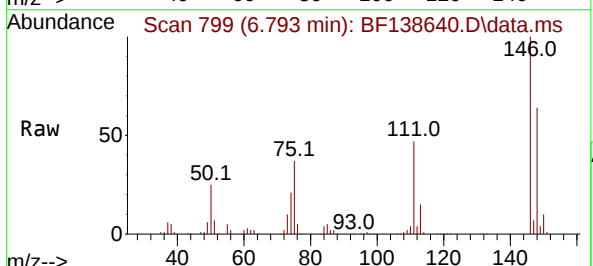
Tgt Ion:146 Resp: 273253

Ion Ratio Lower Upper

146 100

148 63.9 52.4 78.6

75 37.0 27.8 41.8





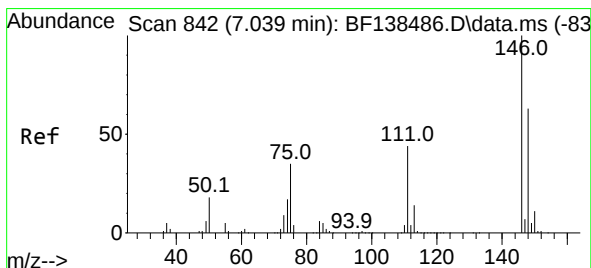
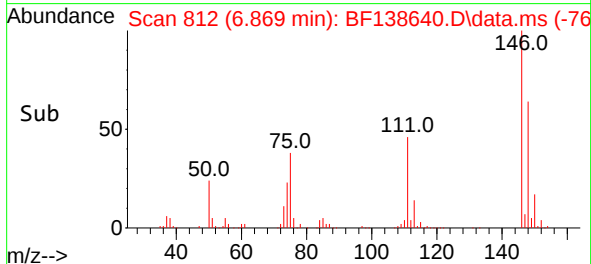
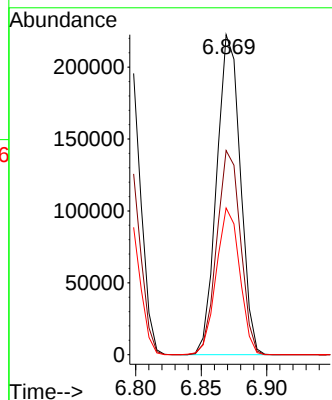
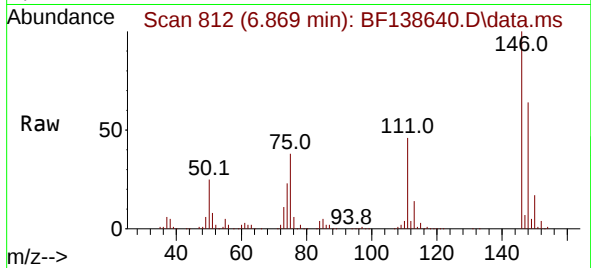
#13
1,4-Dichlorobenzene
Concen: 44.035 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :
BNA_F
ClientSampleId :
PB162256BS

Tgt Ion:146 Resp: 278740
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
111 45.9 34.9 52.3

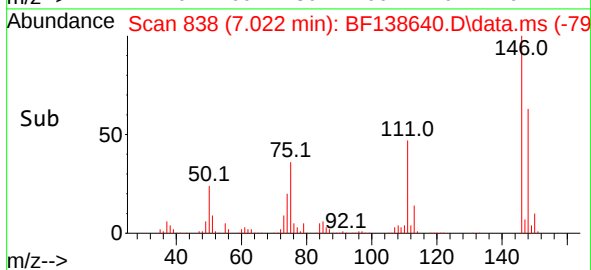
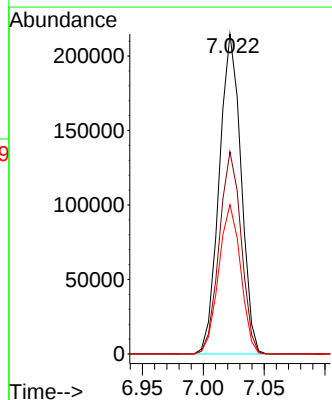
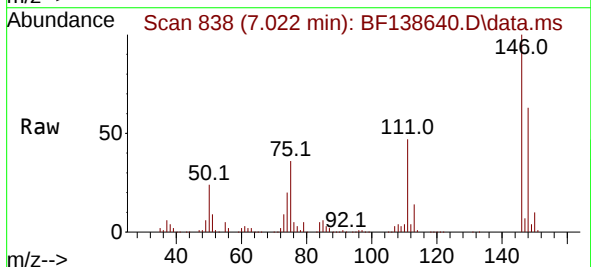
Manual Integrations
APPROVED

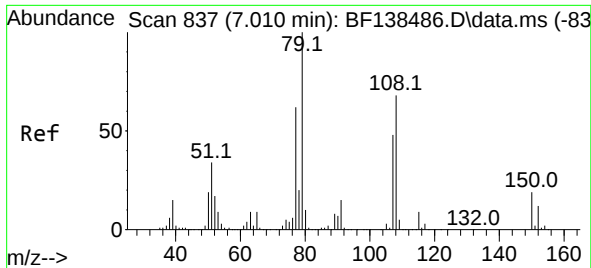
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#14
1,2-Dichlorobenzene
Concen: 45.488 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

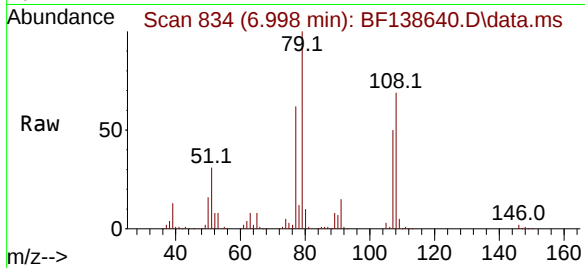
Tgt Ion:146 Resp: 268172
Ion Ratio Lower Upper
146 100
148 63.2 50.1 75.1
111 46.7 35.5 53.3





#15
Benzyl Alcohol
Concen: 47.754 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

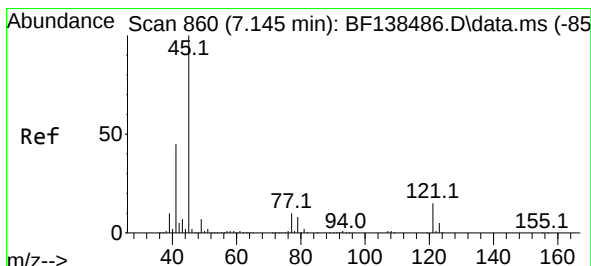
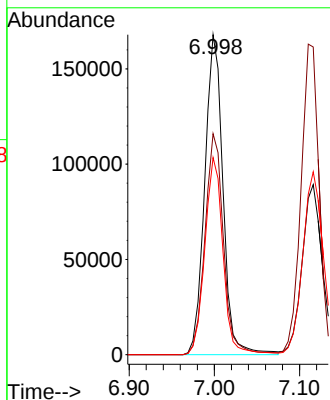
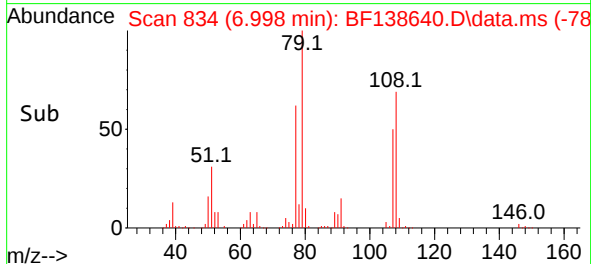
Instrument :
BNA_F
ClientSampleId :
PB162256BS



Tgt Ion: 79 Resp: 25003
Ion Ratio Lower Upper
79 100
108 69.1 54.3 81.5
77 61.6 50.0 75.0

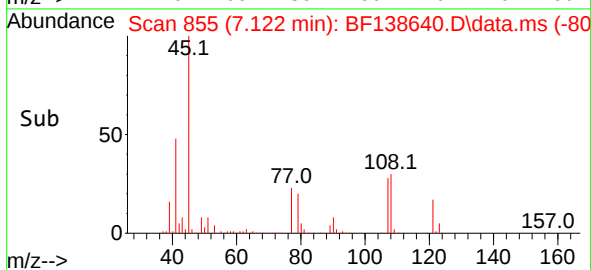
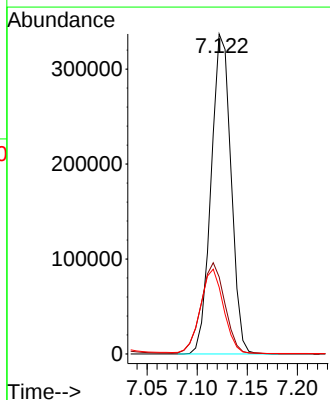
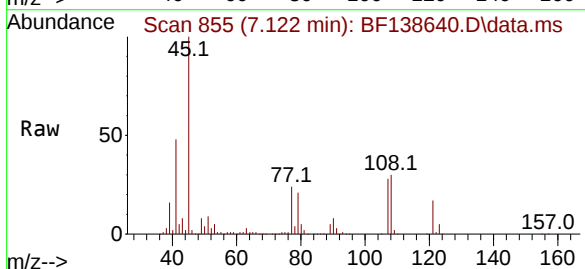
Manual Integrations
APPROVED

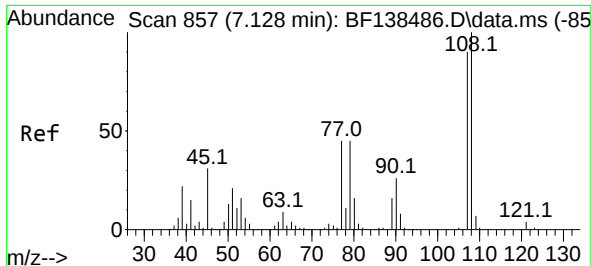
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.393 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.023 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion: 45 Resp: 464812
Ion Ratio Lower Upper
45 100
77 24.1 0.0 30.4
79 20.8 0.0 28.1





#17
2-Methylphenol
Concen: 47.788 ng
RT: 7.110 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

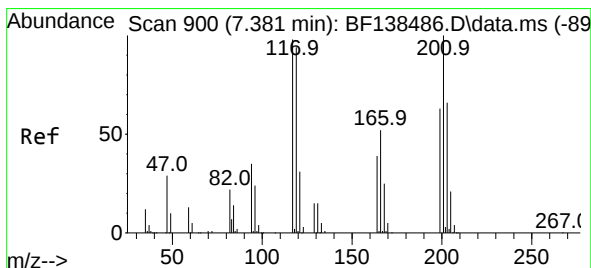
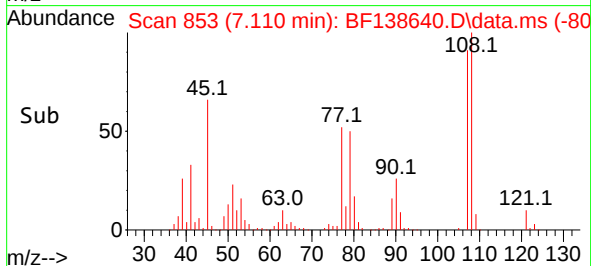
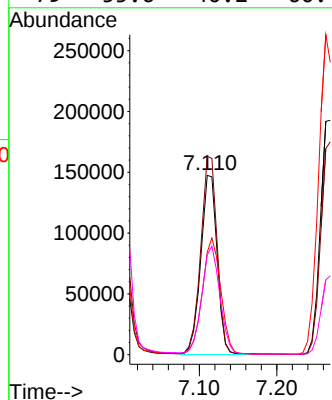
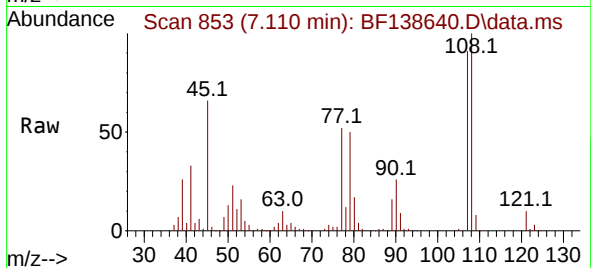
PB162256BS

Tgt Ion:107 Resp: 21719
Ion Ratio Lower Upper
107 100
108 110.5 89.0 133.4
77 57.1 40.3 60.5
79 55.6 40.2 60.4

Manual Integrations

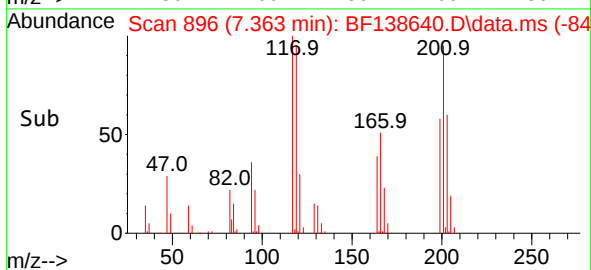
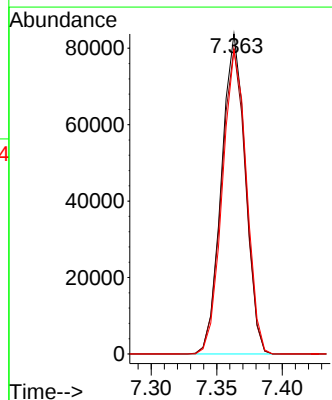
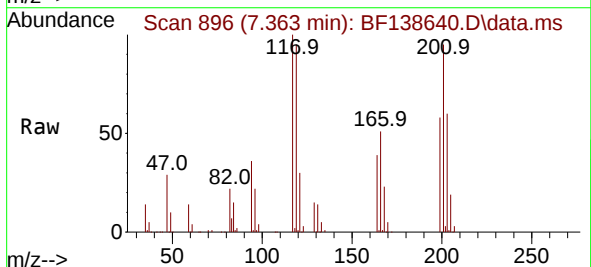
APPROVED

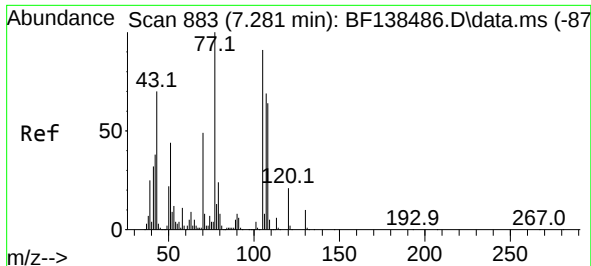
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#18
Hexachloroethane
Concen: 45.639 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:117 Resp: 106203
Ion Ratio Lower Upper
117 100
119 95.4 76.6 114.8
201 94.9 81.4 122.0





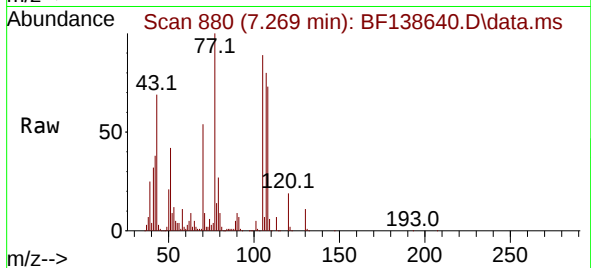
#19
n-Nitroso-di-n-propylamine
Concen: 47.372 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS



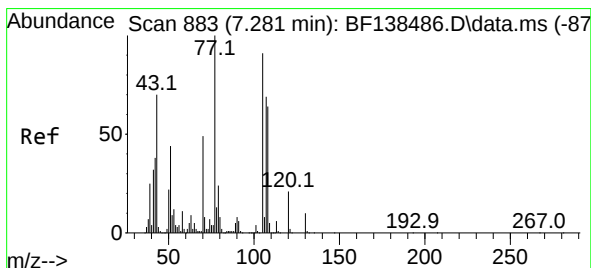
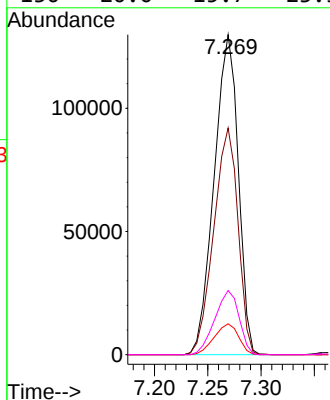
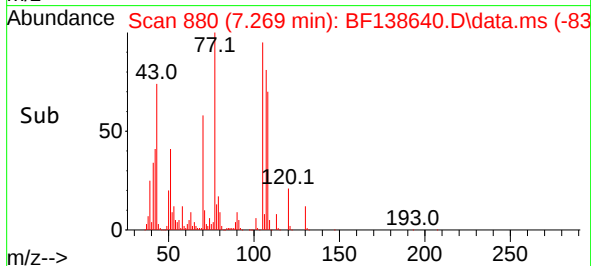
Tgt Ion: 70 Resp: 204219
Ion Ratio Lower Upper
70 100
42 70.8 62.4 93.6
101 9.7 7.2 10.8
130 20.0 15.7 23.5

Manual Integrations

APPROVED

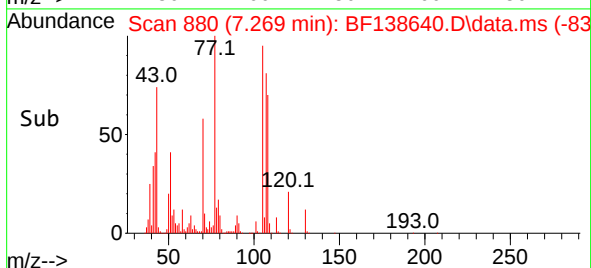
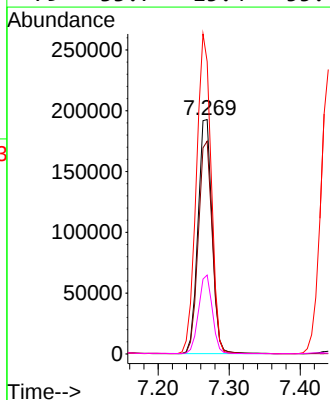
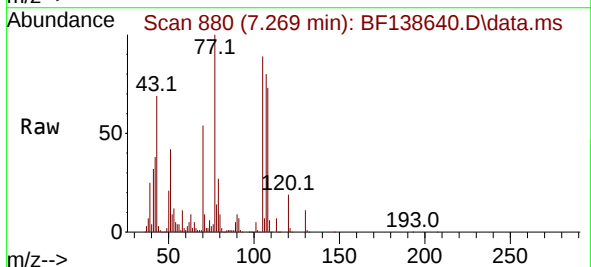
Reviewed By :Yogesh Patel 07/25/2024

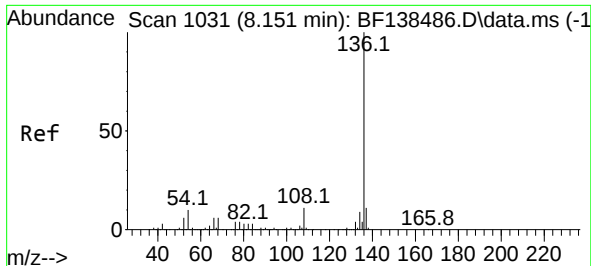
Supervised By :mohammad ahmed 07/25/2024



#20
3+4-Methylphenols
Concen: 46.608 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:107 Resp: 266746
Ion Ratio Lower Upper
107 100
108 90.8 73.7 113.7
77 124.7 126.0 166.0#
79 33.7 15.4 55.4





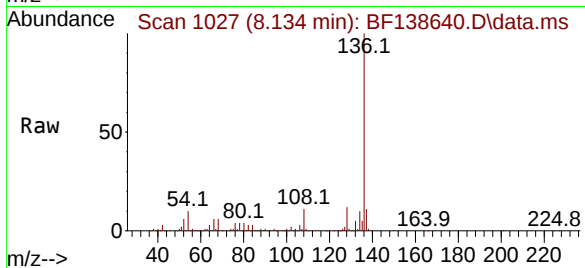
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS



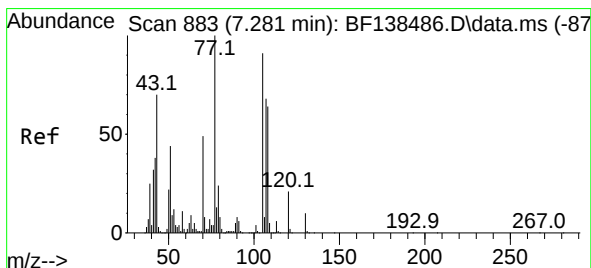
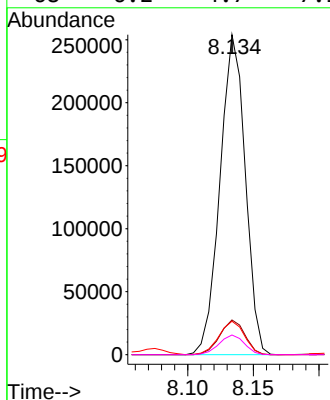
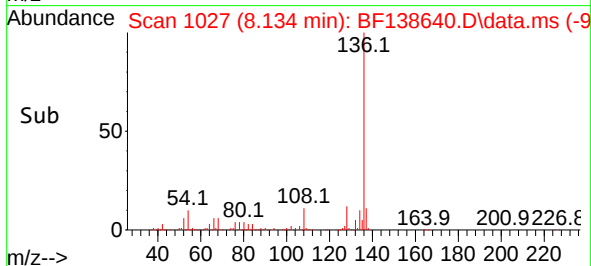
Tgt Ion:136 Resp: 34034
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.5 8.1 12.1
68 6.2 4.7 7.1

Manual Integrations

APPROVED

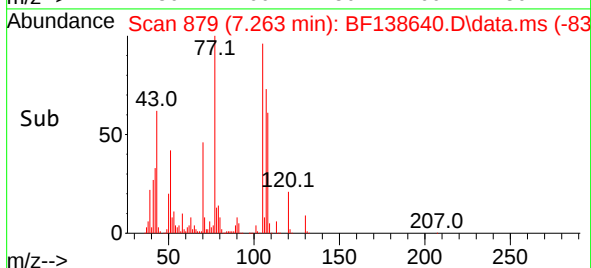
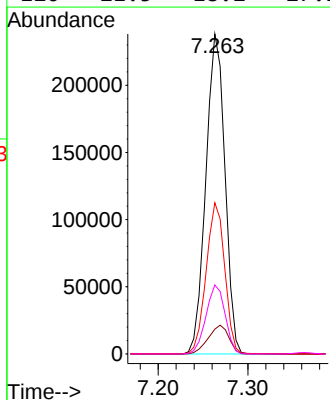
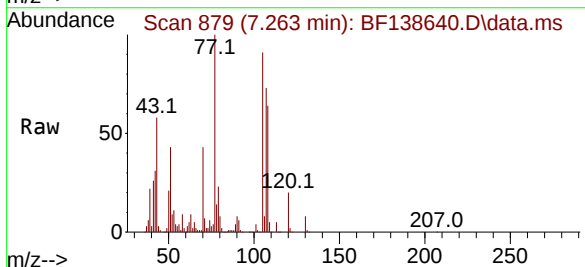
Reviewed By :Yogesh Patel 07/25/2024

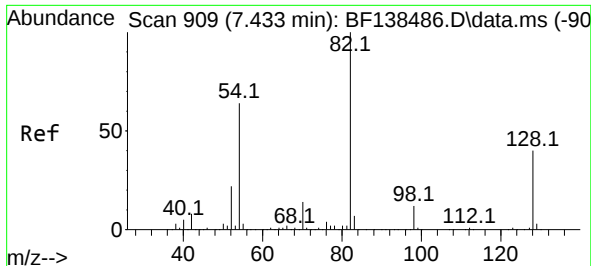
Supervised By :mohammad ahmed 07/25/2024



#22
Acetophenone
Concen: 42.551 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:105 Resp: 351729
Ion Ratio Lower Upper
105 100
71 7.8 7.4 11.2
51 47.3 38.7 58.1
120 21.5 18.2 27.2





#23

Nitrobenzene-d5

Concen: 83.720 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

Tgt Ion: 82 Resp: 580349

Ion Ratio Lower Upper

82 100

128 42.1 32.3 48.5

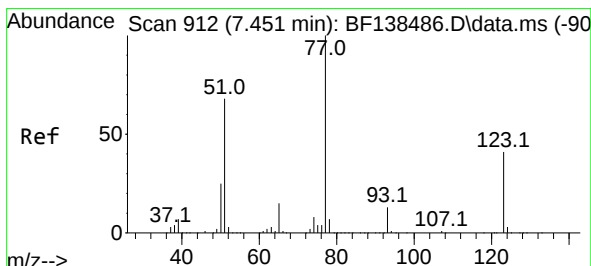
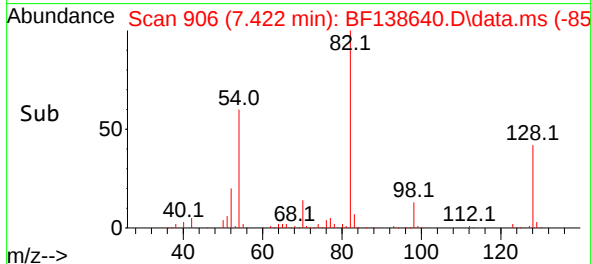
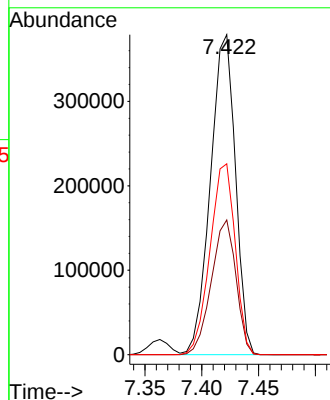
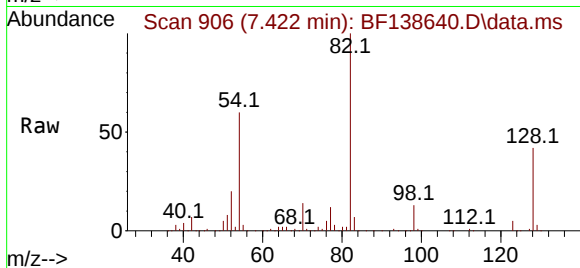
54 59.7 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#24

Nitrobenzene

Concen: 43.740 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

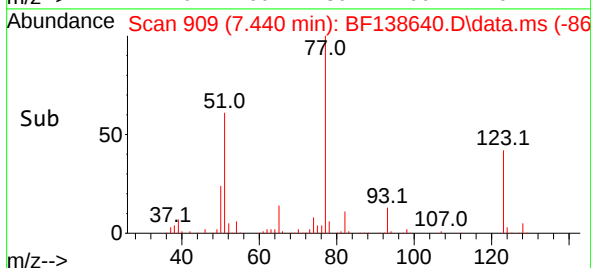
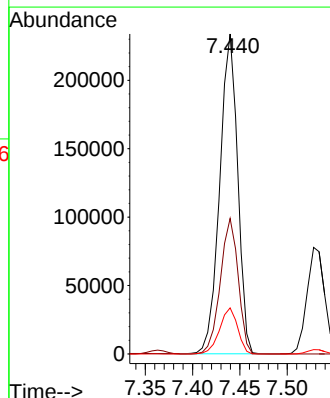
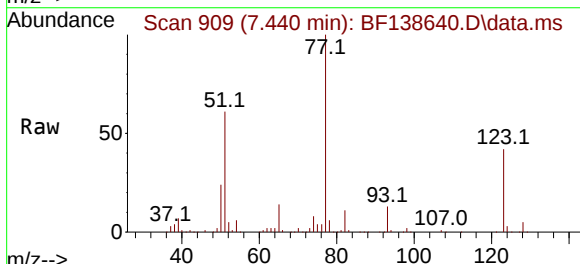
Tgt Ion: 77 Resp: 308127

Ion Ratio Lower Upper

77 100

123 42.3 32.4 48.6

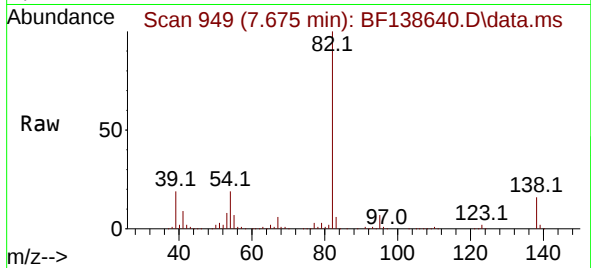
65 14.4 11.8 17.8





#25
Isophorone
Concen: 46.045 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

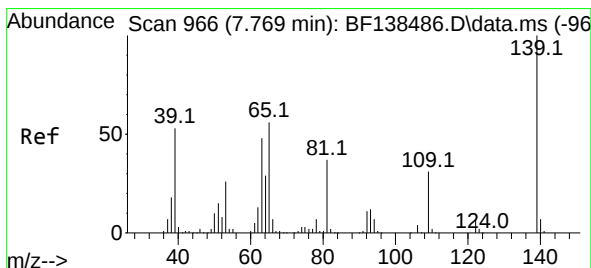
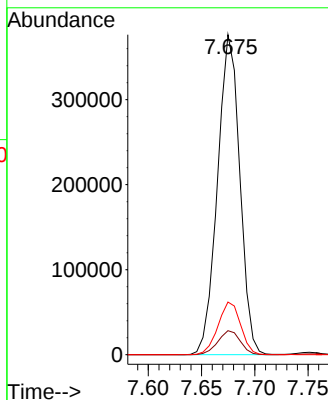
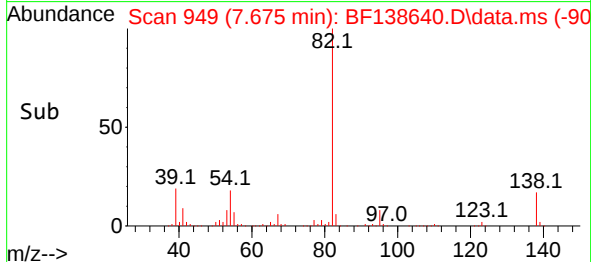
Instrument :
BNA_F
ClientSampleId :
PB162256BS



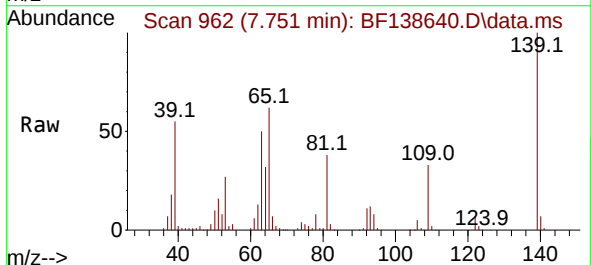
Tgt Ion: 82 Resp: 54814
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 16.4 12.8 19.2

Manual Integrations
APPROVED

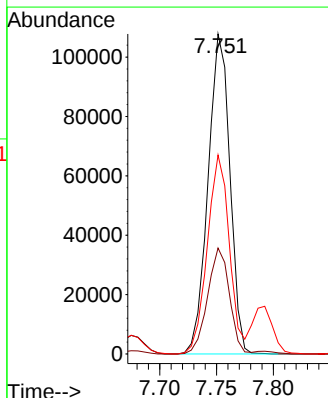
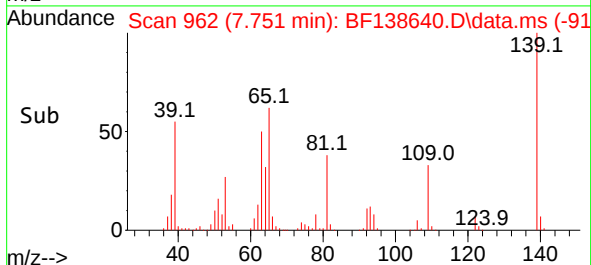
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

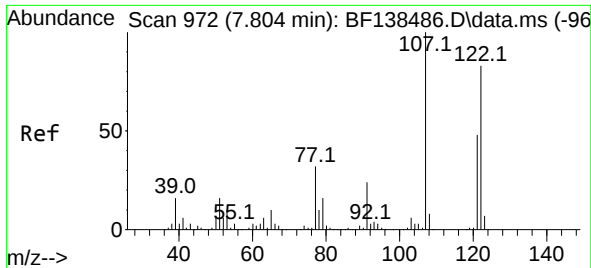


#26
2-Nitrophenol
Concen: 47.772 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



Tgt Ion:139 Resp: 144237
Ion Ratio Lower Upper
139 100
109 33.1 24.8 37.2
65 62.2 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 49.642 ng m
RT: 7.792 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

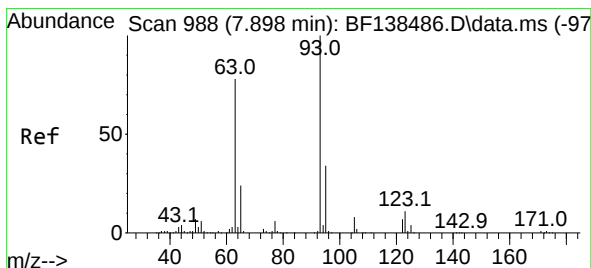
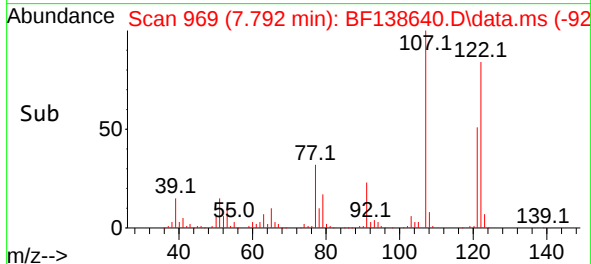
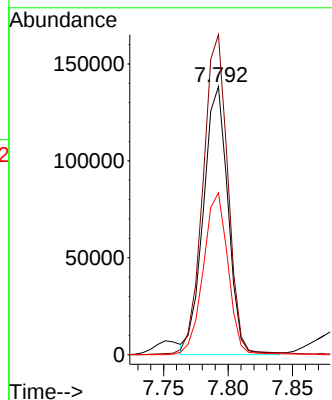
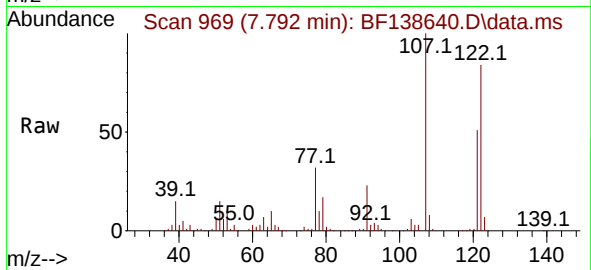
PB162256BS

Tgt Ion:122 Resp: 184215
Ion Ratio Lower Upper
122 100
107 119.3 96.3 144.5
121 60.4 46.7 70.1

Manual Integrations

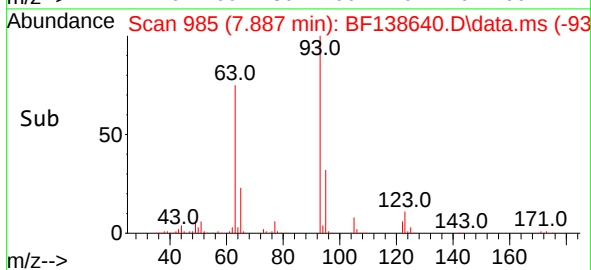
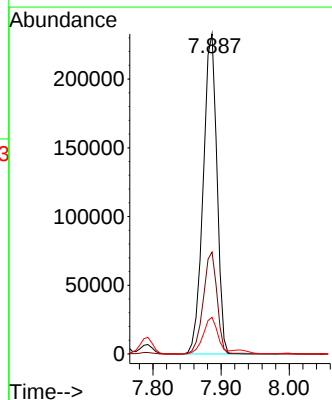
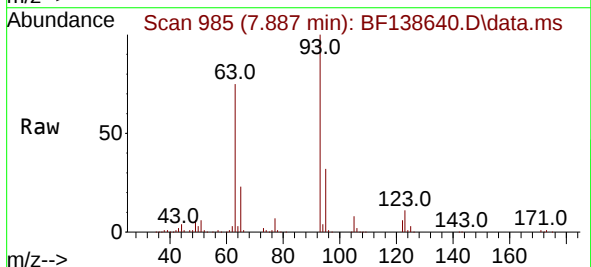
APPROVED

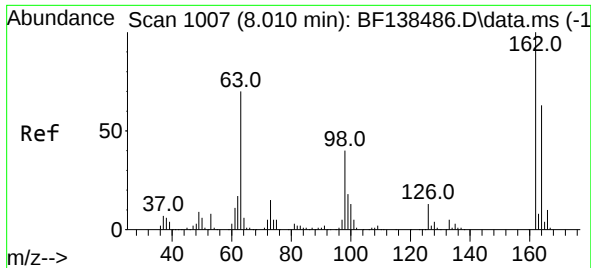
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.919 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion: 93 Resp: 326692
Ion Ratio Lower Upper
93 100
95 31.9 27.0 40.6
123 11.5 9.1 13.7





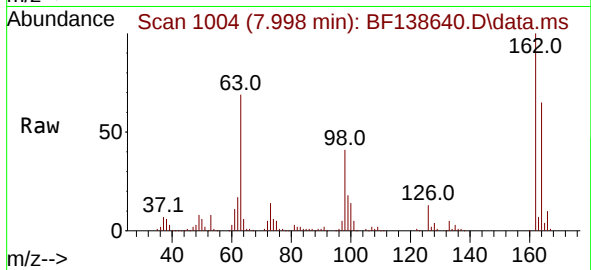
#29
2,4-Dichlorophenol
Concen: 44.863 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS



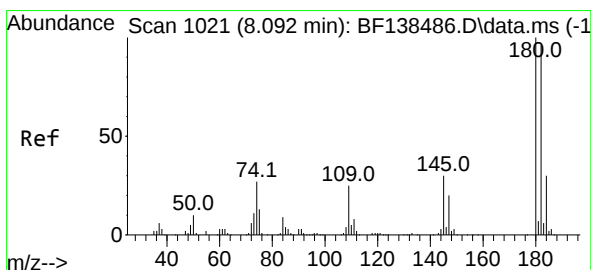
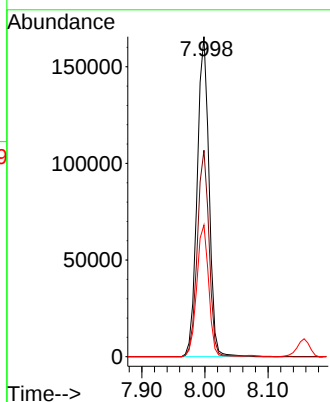
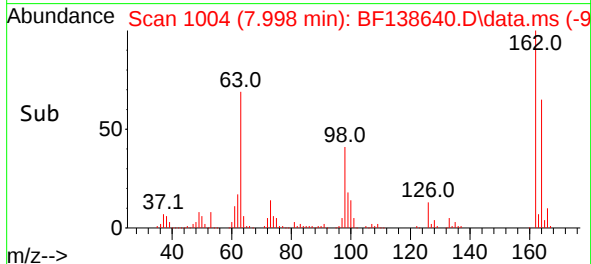
Tgt Ion:162 Resp: 216189
Ion Ratio Lower Upper
162 100
164 64.5 42.6 82.6
98 41.2 20.1 60.1

Manual Integrations

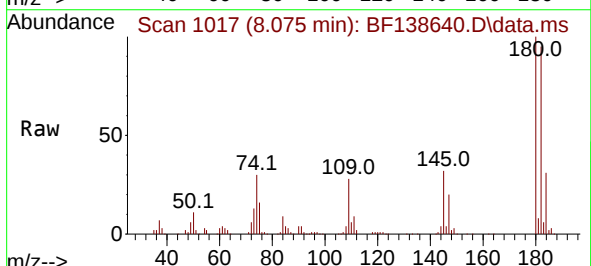
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

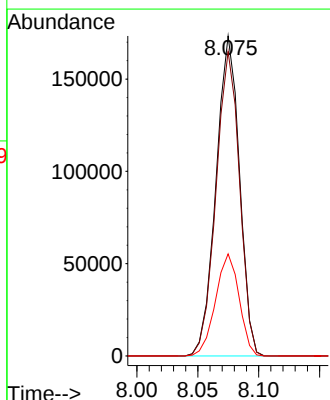
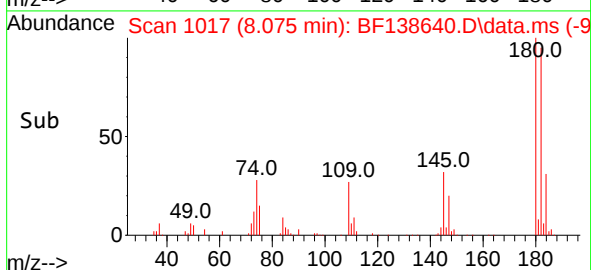
Supervised By :mohammad ahmed 07/25/2024

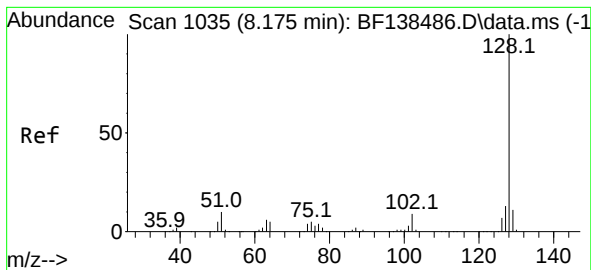


#30
1,2,4-Trichlorobenzene
Concen: 41.401 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



Tgt Ion:180 Resp: 232410
Ion Ratio Lower Upper
180 100
182 95.2 76.9 115.3
145 31.9 23.9 35.9





#31

Naphthalene

Concen: 44.208 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

Tgt Ion:128 Resp: 78252

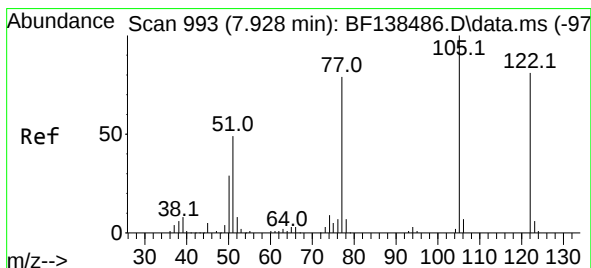
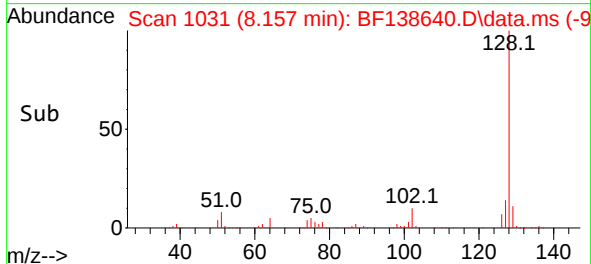
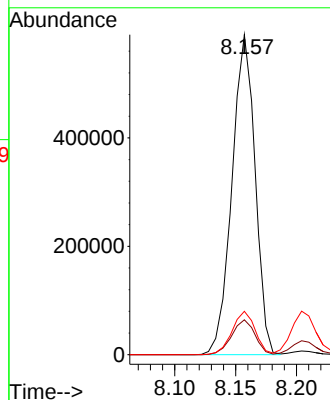
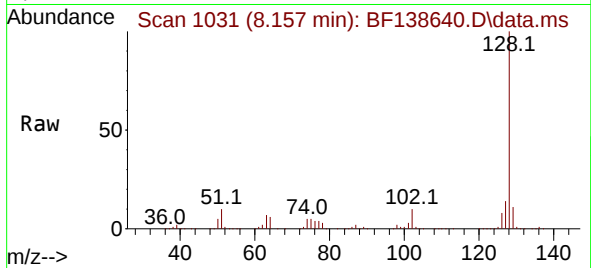
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.6	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#32

Benzoic acid

Concen: 32.632 ng

RT: 7.928 min Scan# 992

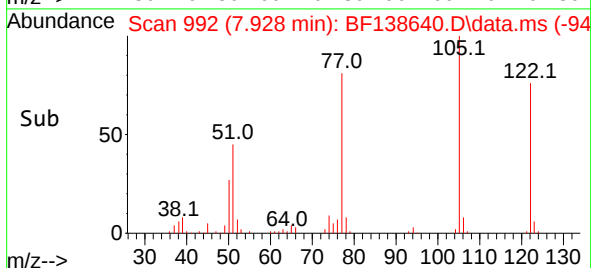
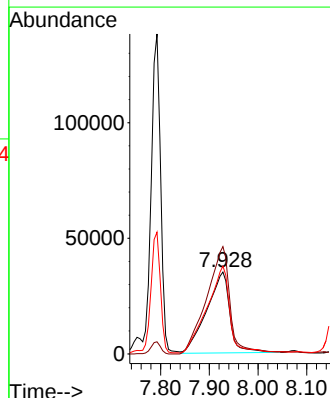
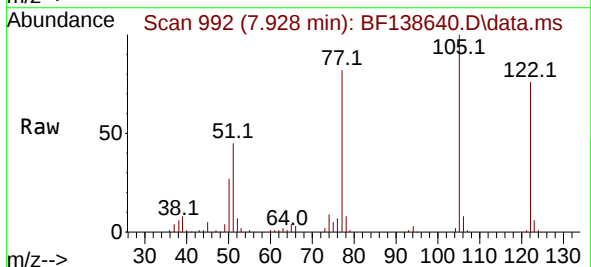
Delta R.T. 0.000 min

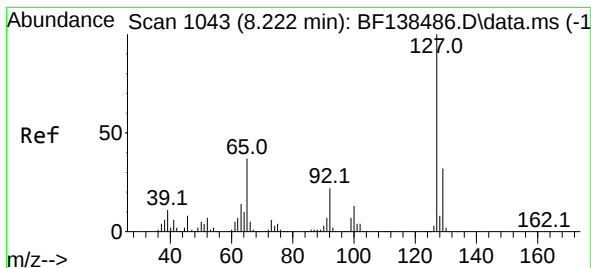
Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Tgt Ion:122 Resp: 115493

Ion	Ratio	Lower	Upper
122	100		
105	130.9	101.5	141.5
77	107.1	77.3	117.3





#33

4-Chloroaniline

Concen: 20.123 ng

RT: 8.204 min Scan# 1043

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

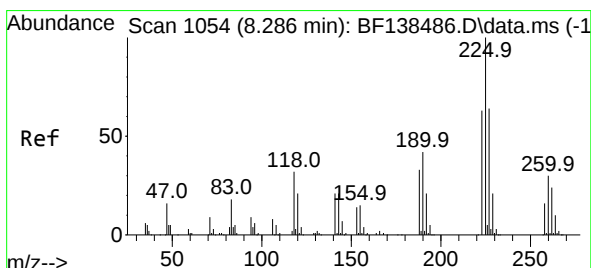
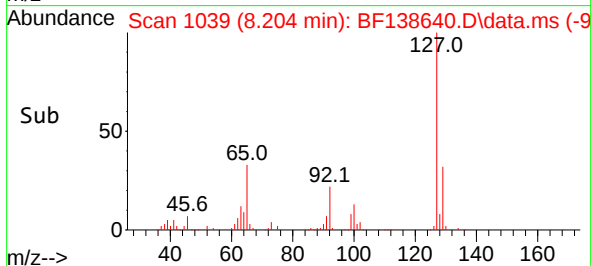
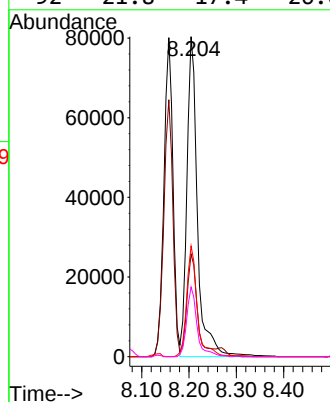
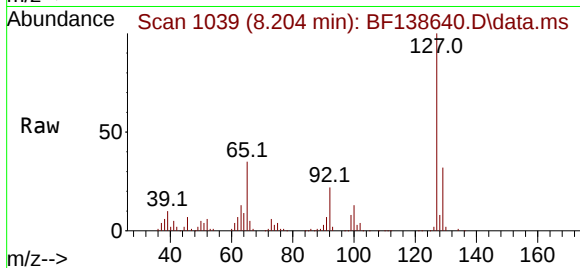
Tgt Ion:	127	Resp:	124980
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.6	38.4
65	34.6	29.6	44.4
92	21.8	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#34

Hexachlorobutadiene

Concen: 39.798 ng

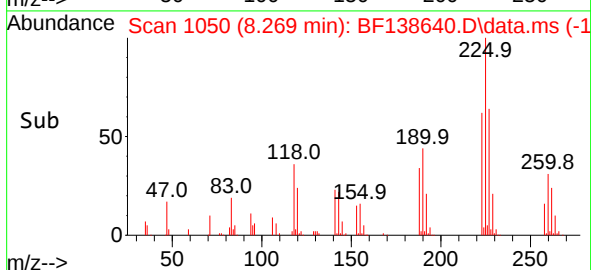
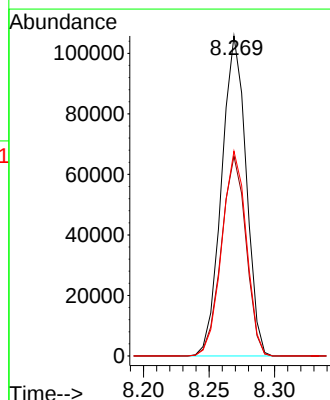
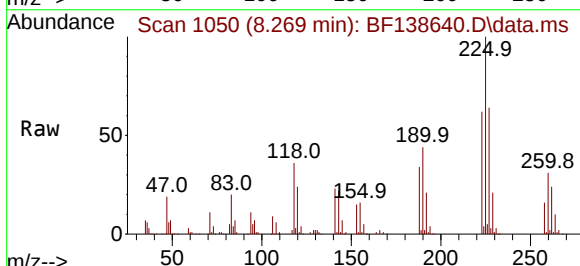
RT: 8.269 min Scan# 1050

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Tgt Ion:	225	Resp:	137574
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.0	75.0
227	64.0	51.0	76.6





#35
Caprolactam
Concen: 43.374 ng m
RT: 8.581 min Scan# 1103
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

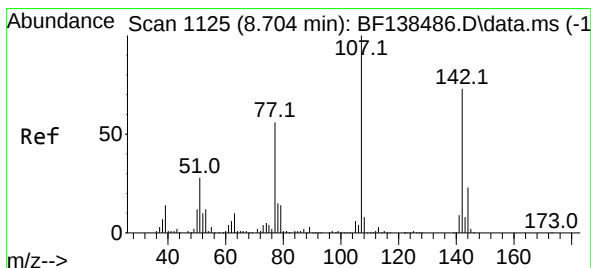
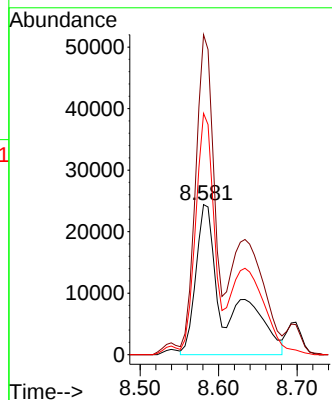
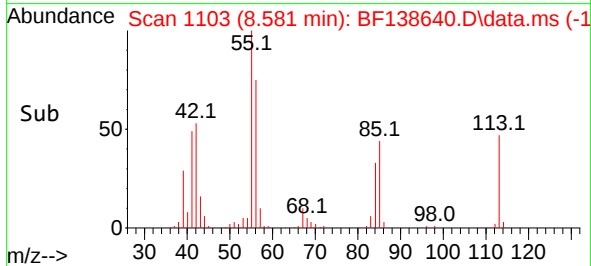
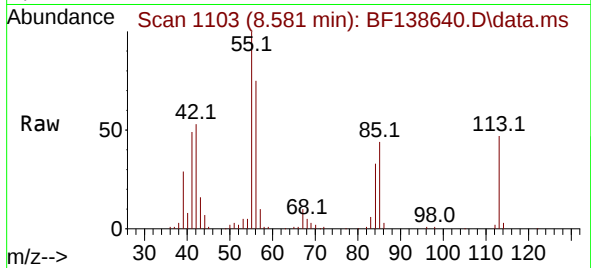
PB162256BS

Tgt Ion:113 Resp: 67440
Ion Ratio Lower Upper
113 100
55 213.2 192.5 232.5
56 160.8 145.3 185.3

Manual Integrations

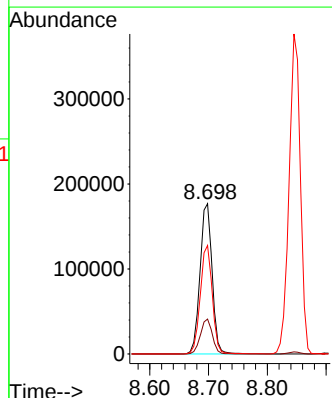
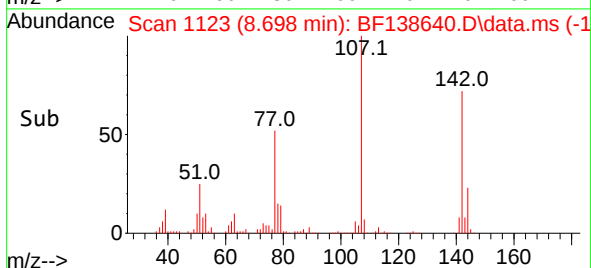
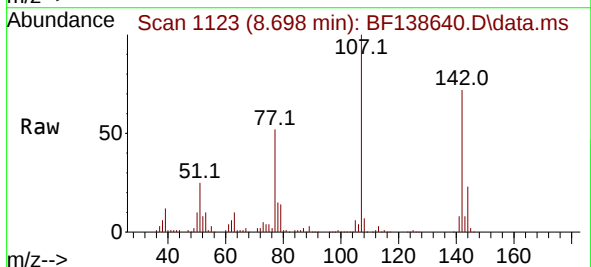
APPROVED

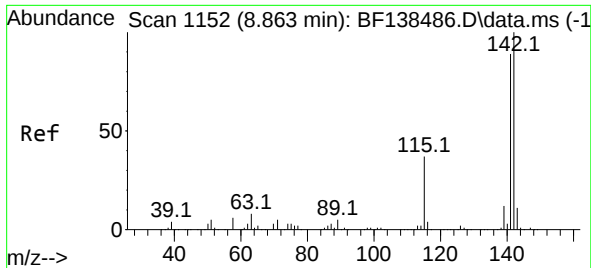
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#36
4-Chloro-3-methylphenol
Concen: 46.790 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:107 Resp: 252425
Ion Ratio Lower Upper
107 100
144 23.2 18.6 27.8
142 72.2 58.6 88.0





#37
2-Methylnaphthalene
Concen: 44.074 ng
RT: 8.845 min Scan# 1152
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

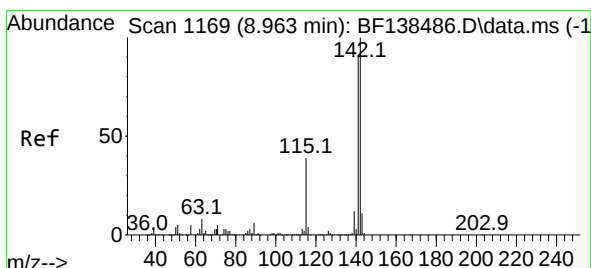
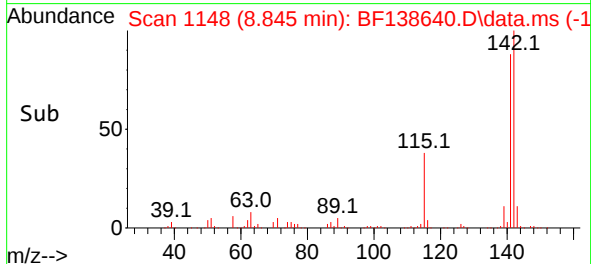
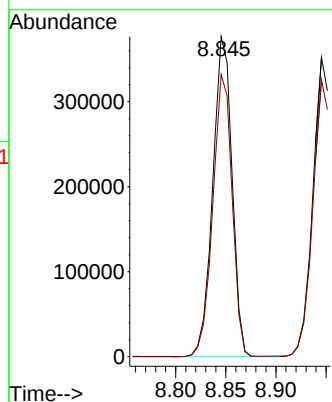
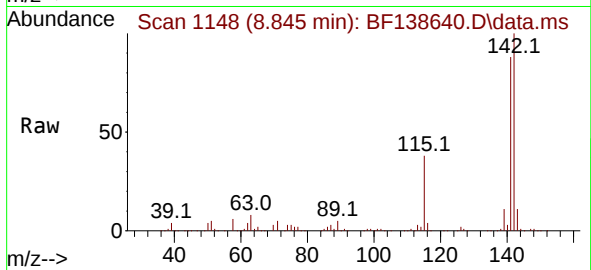
PB162256BS

Tgt Ion:142 Resp: 502040
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0

Manual Integrations

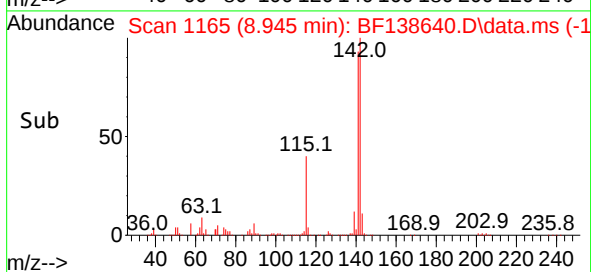
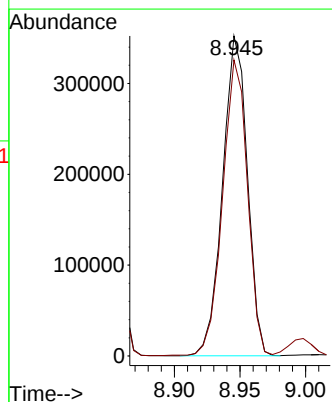
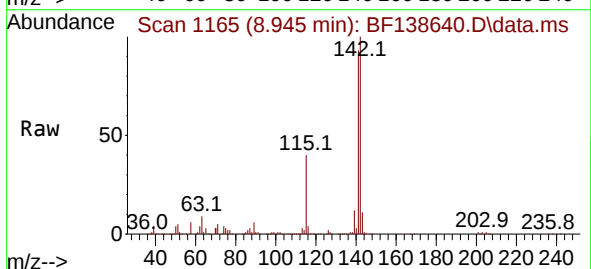
APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#38
1-Methylnaphthalene
Concen: 41.604 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:142 Resp: 462516
Ion Ratio Lower Upper
142 100
141 92.5 72.6 108.8





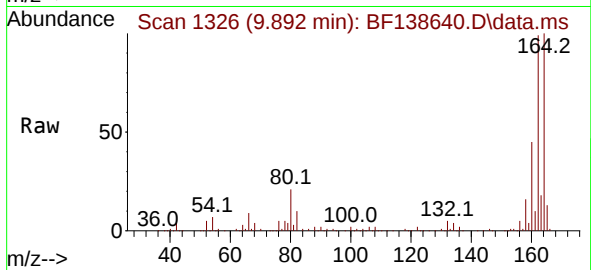
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

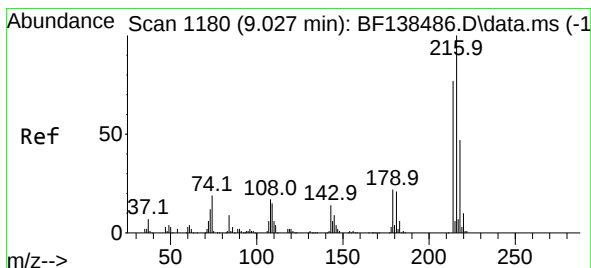
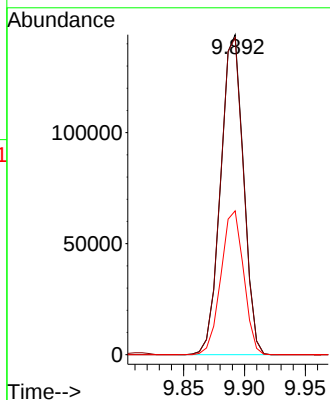
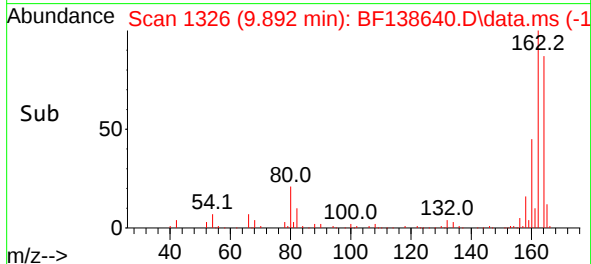
PB162256BS



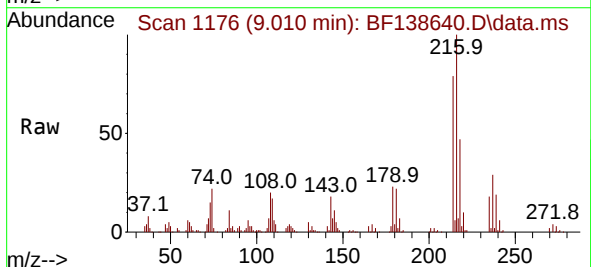
Tgt Ion:164 Resp: 18781
Ion Ratio Lower Upper
164 100
162 99.1 79.0 118.6
160 44.9 34.4 51.6

Manual Integrations
APPROVED

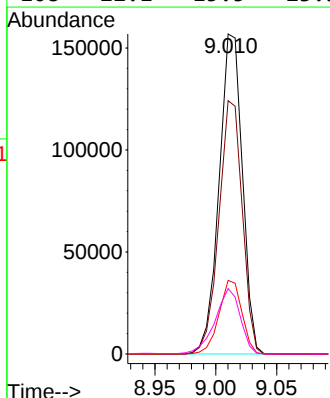
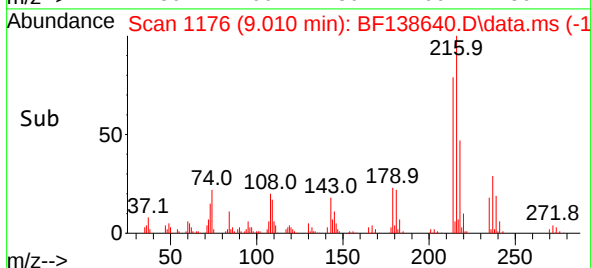
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.889 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



Tgt Ion:216 Resp: 208796
Ion Ratio Lower Upper
216 100
214 79.4 62.8 94.2
179 22.6 17.7 26.5
108 22.1 15.5 23.3





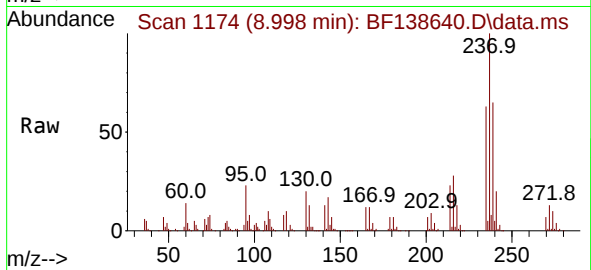
#41
Hexachlorocyclopentadiene
Concen: 111.682 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

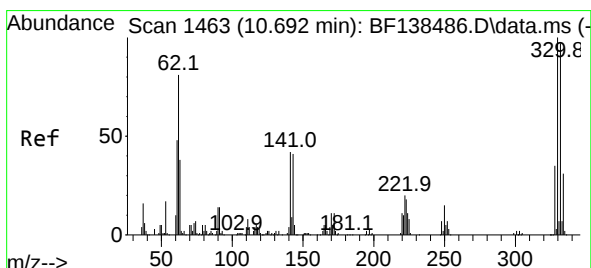
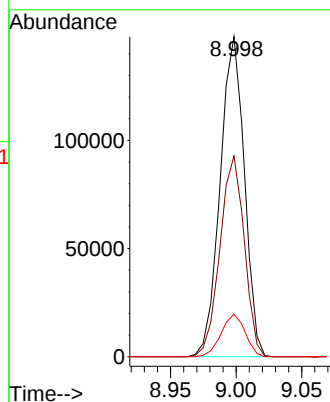
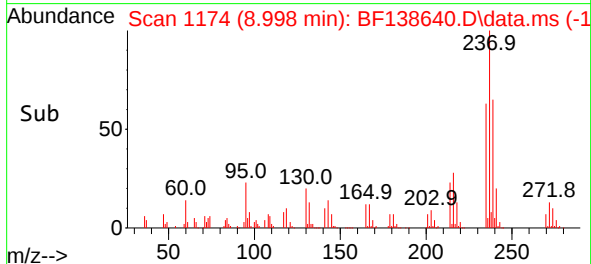


Tgt Ion:237 Resp: 189749
Ion Ratio Lower Upper
237 100
235 62.7 43.3 83.3
272 13.3 0.0 32.3

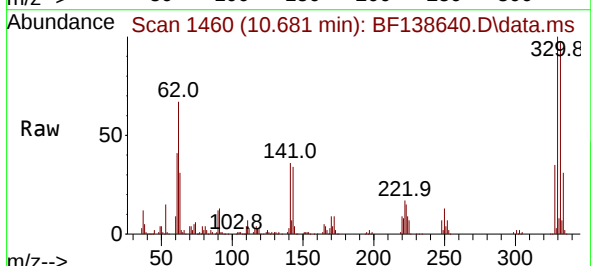
Manual Integrations

APPROVED

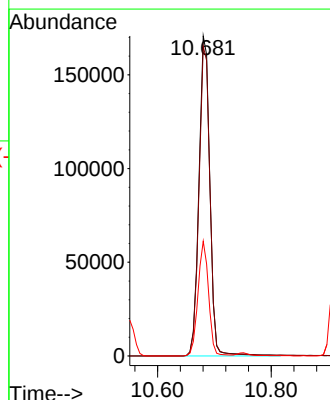
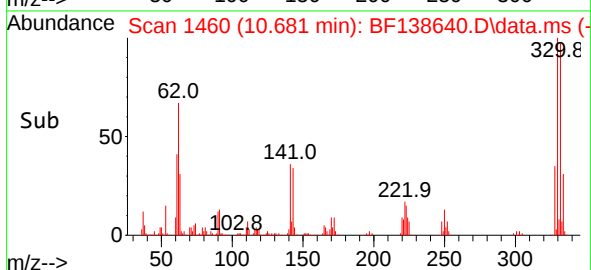
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

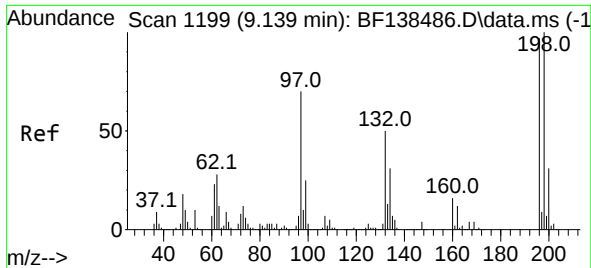


#42
2,4,6-Tribromophenol
Concen: 130.823 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



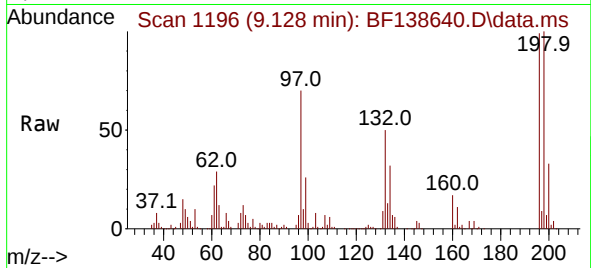
Tgt Ion:330 Resp: 229634
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 34.7 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 42.893 ng
RT: 9.128 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

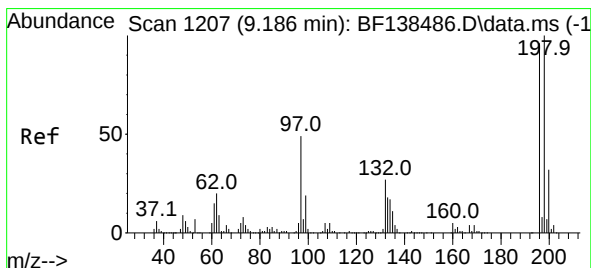
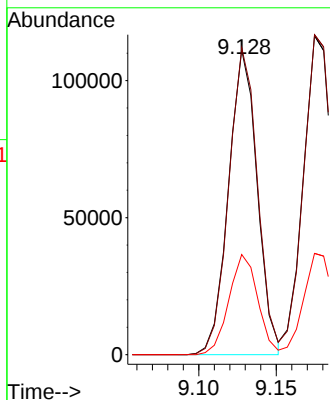
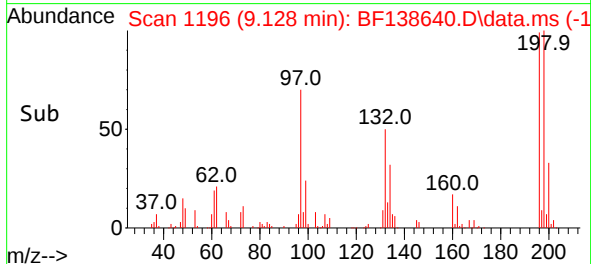
Instrument :
BNA_F
ClientSampleId :
PB162256BS



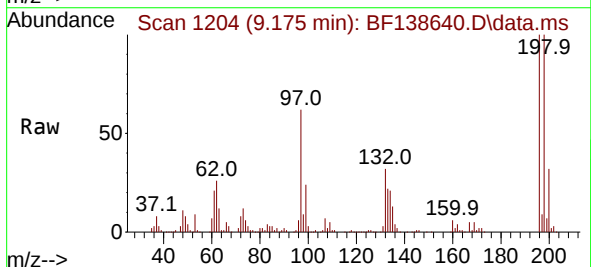
Tgt Ion:196 Resp: 143215
Ion Ratio Lower Upper
196 100
198 100.7 82.3 123.5
200 32.9 25.8 38.6

Manual Integrations
APPROVED

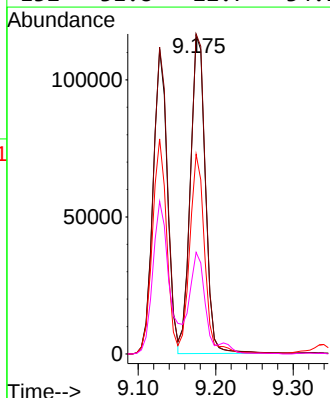
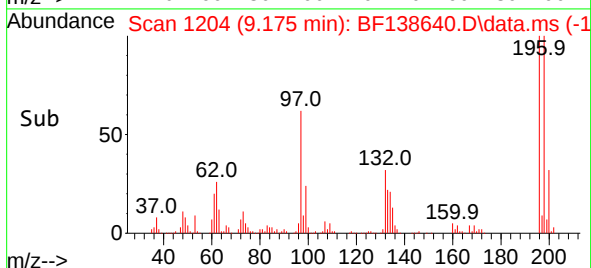
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

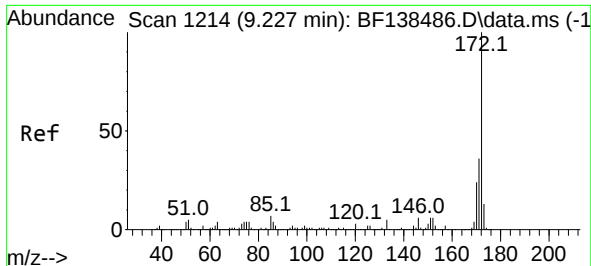


#44
2,4,5-Trichlorophenol
Concen: 42.537 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



Tgt Ion:196 Resp: 156215
Ion Ratio Lower Upper
196 100
198 100.3 82.8 124.2
97 62.6 41.0 61.4#
132 31.8 22.7 34.1





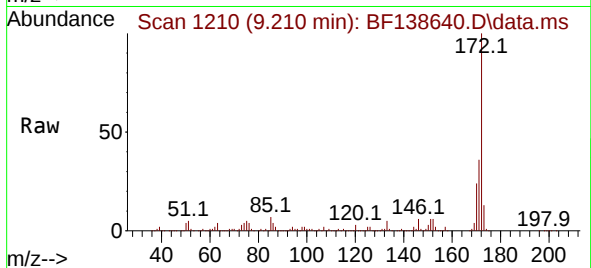
#45
2-Fluorobiphenyl
Concen: 82.679 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS



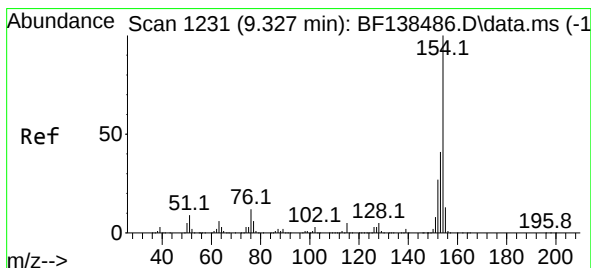
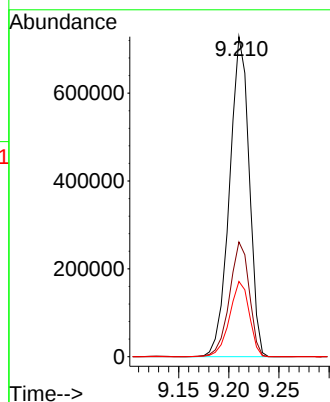
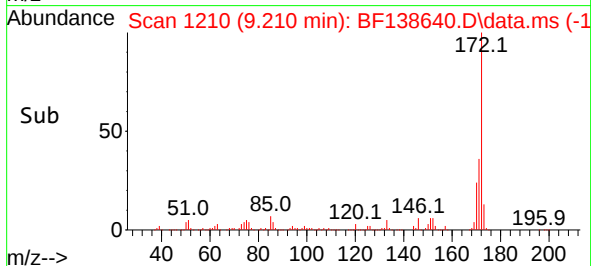
Tgt Ion:172 Resp: 993548
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 23.5 18.9 28.3

Manual Integrations

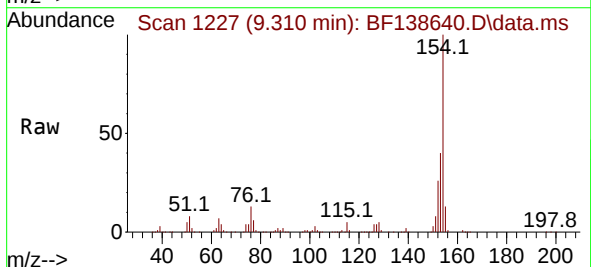
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

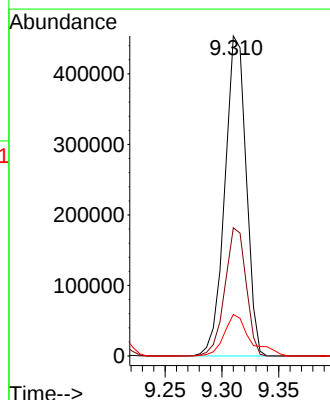
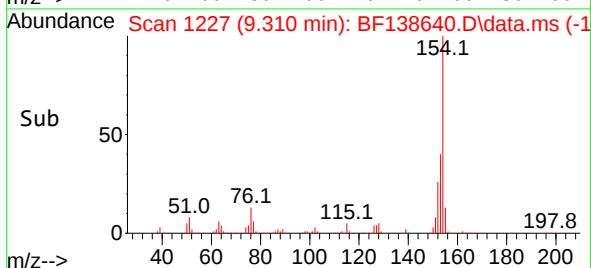
Supervised By :mohammad ahmed 07/25/2024

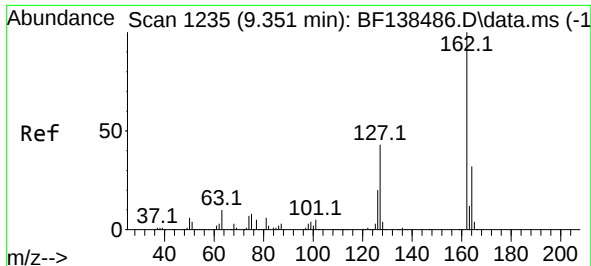


#46
1,1'-Biphenyl
Concen: 41.664 ng
RT: 9.310 min Scan# 1227
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



Tgt Ion:154 Resp: 593021
Ion Ratio Lower Upper
154 100
153 40.1 20.7 60.7
76 12.9 0.0 32.2





#47

2-Chloronaphthalene

Concen: 43.354 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

Tgt Ion:162 Resp: 466170

Ion Ratio Lower Upper

162 100

127 43.9 34.8 52.2

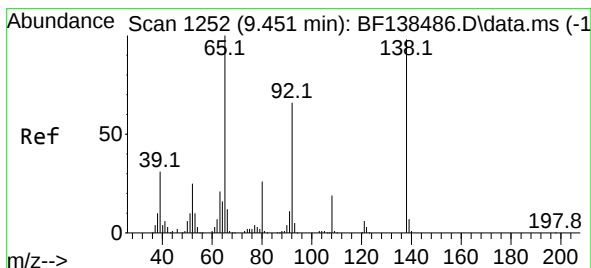
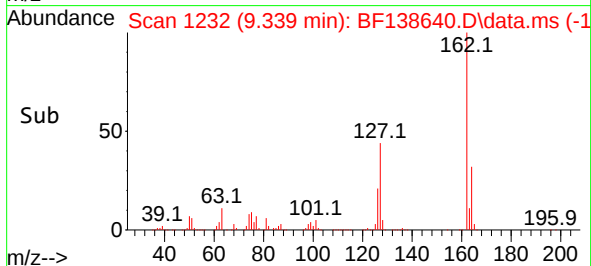
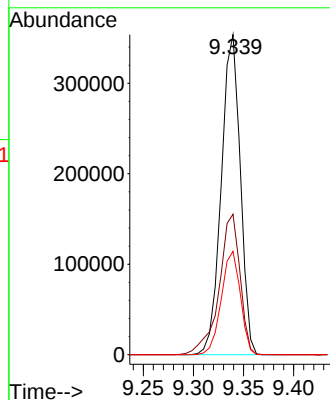
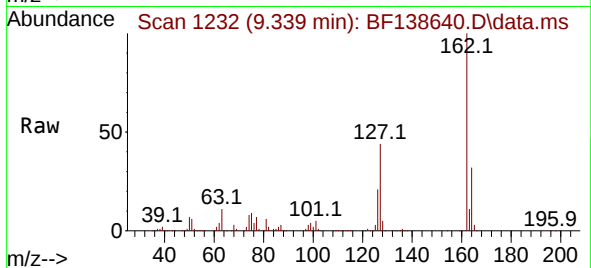
164 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#48

2-Nitroaniline

Concen: 46.804 ng

RT: 9.439 min Scan# 1249

Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

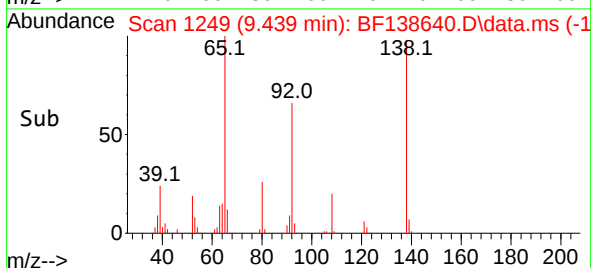
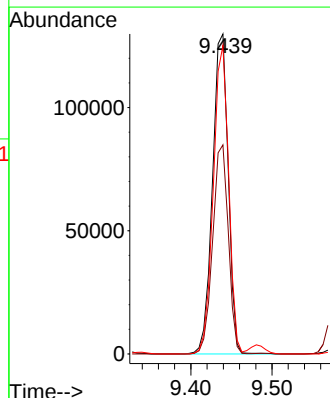
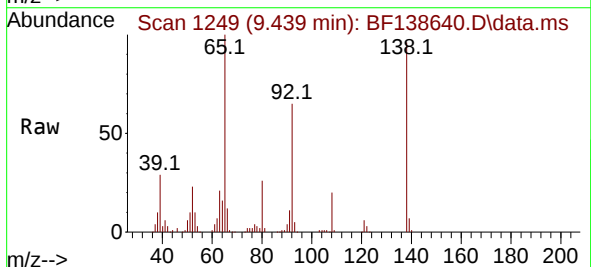
Tgt Ion: 65 Resp: 174398

Ion Ratio Lower Upper

65 100

92 65.4 52.6 78.8

138 96.4 78.6 118.0





#49
Acenaphthylene
Concen: 48.548 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

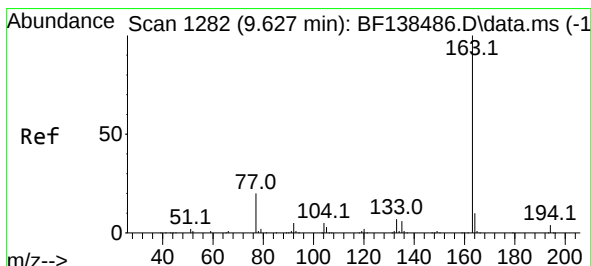
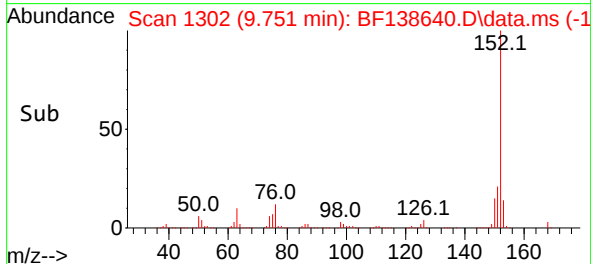
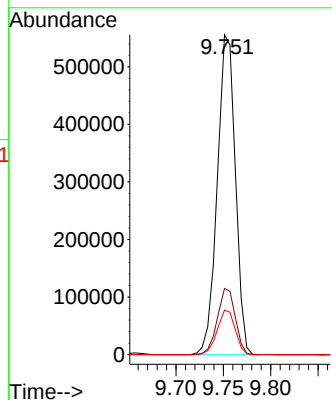
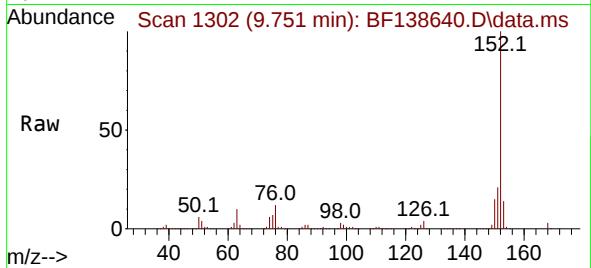
ClientSampleId :

PB162256BS

Tgt Ion:152 Resp: 74114
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.0 11.3 16.9

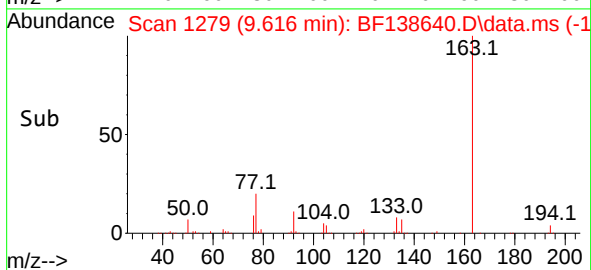
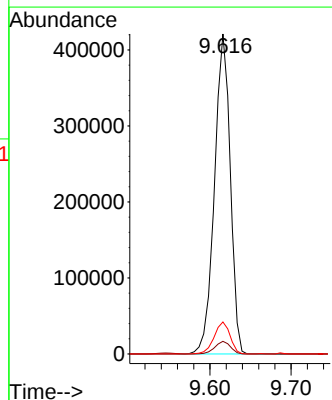
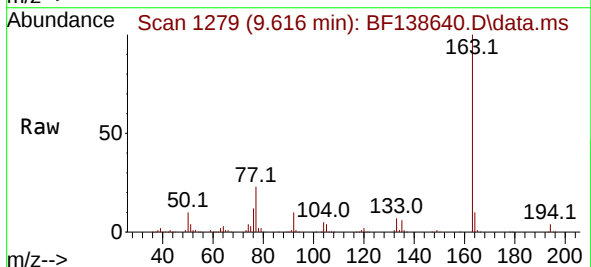
Manual Integrations
APPROVED

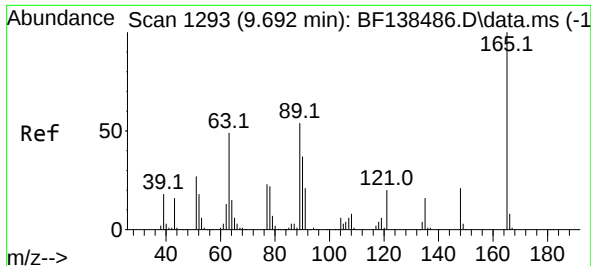
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#50
Dimethylphthalate
Concen: 46.855 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:163 Resp: 569026
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.0 8.1 12.1





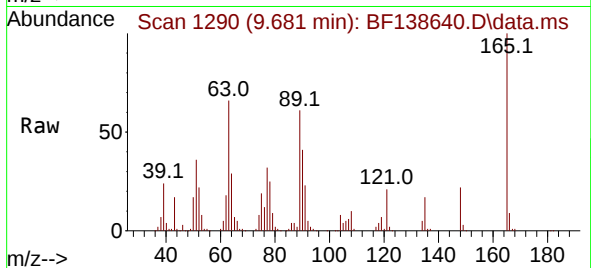
#51
2,6-Dinitrotoluene
Concen: 44.391 ng
RT: 9.681 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS



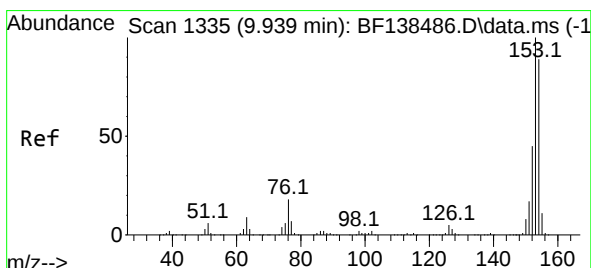
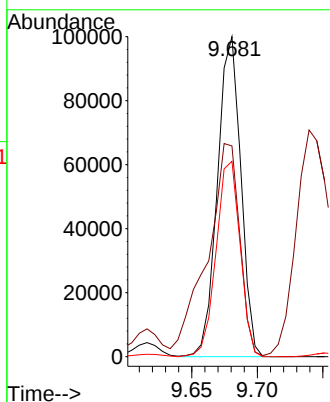
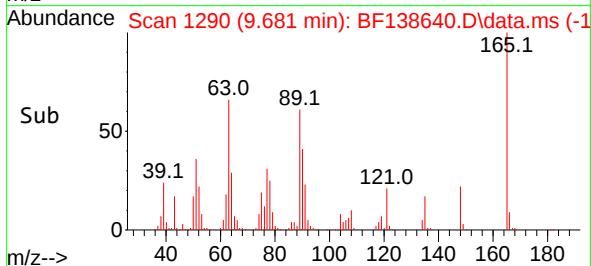
Tgt Ion:165 Resp: 124127
Ion Ratio Lower Upper
165 100
63 65.9 48.1 72.1
89 61.0 43.0 64.6

Manual Integrations

APPROVED

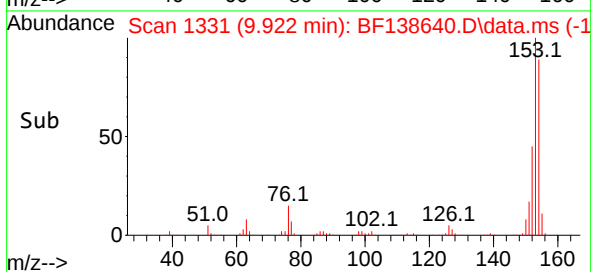
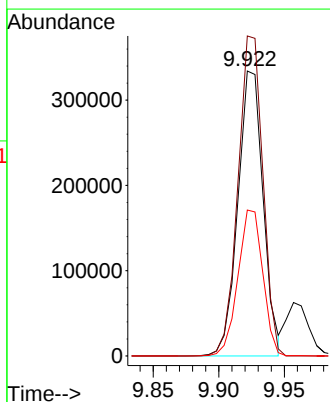
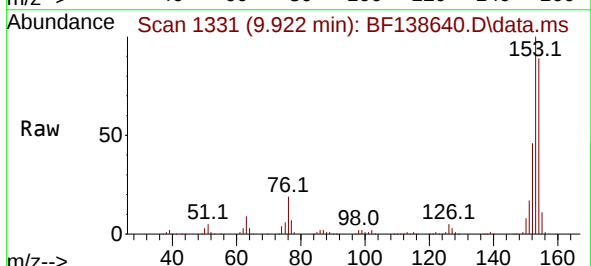
Reviewed By :Yogesh Patel 07/25/2024

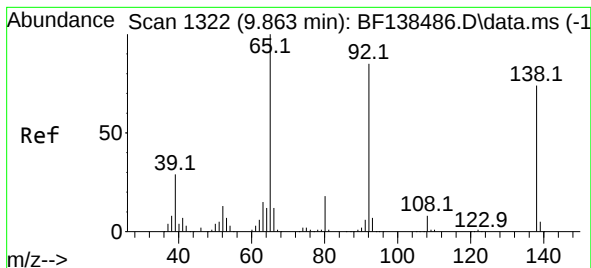
Supervised By :mohammad ahmed 07/25/2024



#52
Acenaphthene
Concen: 44.325 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:154 Resp: 449800
Ion Ratio Lower Upper
154 100
153 112.3 90.4 135.6
152 51.2 41.1 61.7





#53

3-Nitroaniline

Concen: 27.565 ng

RT: 9.845 min Scan# 1318

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

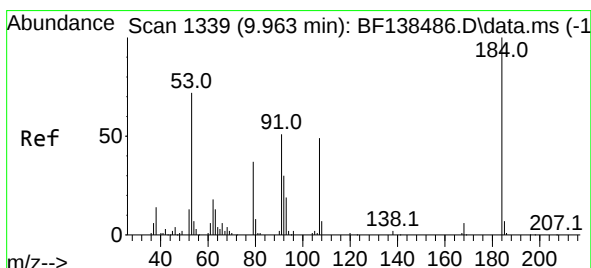
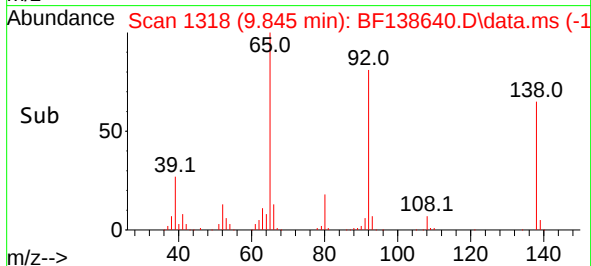
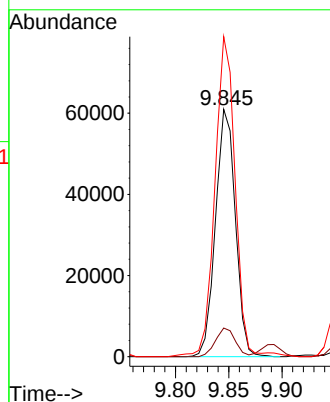
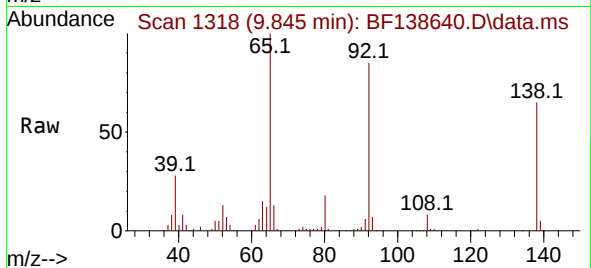
Tgt Ion:138	Resp:	7899
Ion Ratio	Lower	Upper
138	100	
108	11.6	8.3 12.5
92	129.4	92.6 138.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#54

2,4-Dinitrophenol

Concen: 80.886 ng

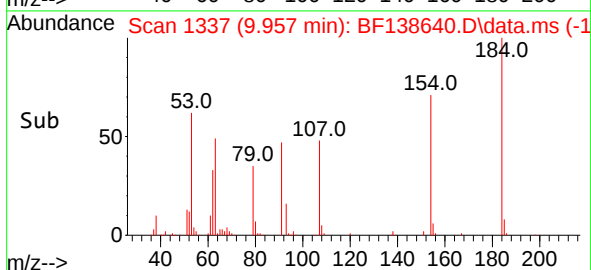
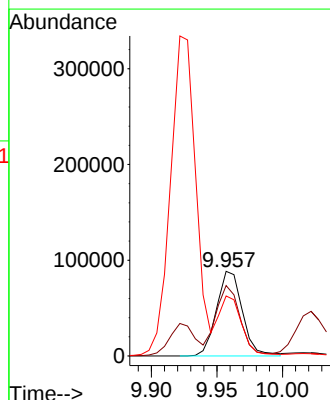
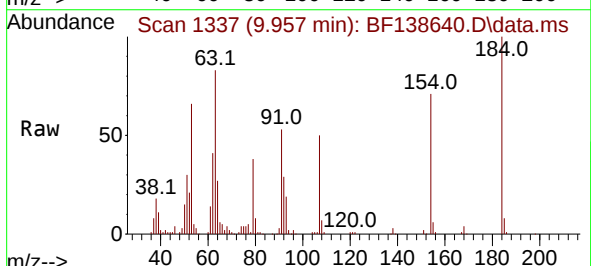
RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Tgt Ion:184	Resp:	121467
Ion Ratio	Lower	Upper
184	100	
63	83.1	70.6 106.0
154	70.9	53.8 80.6





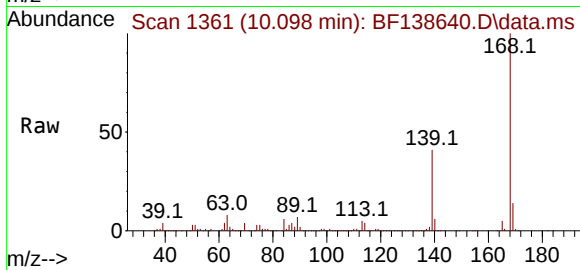
#55
Dibenzenofuran
Concen: 44.684 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

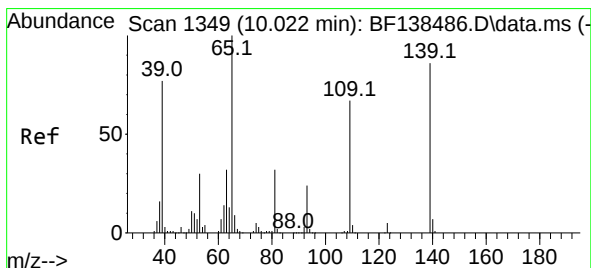
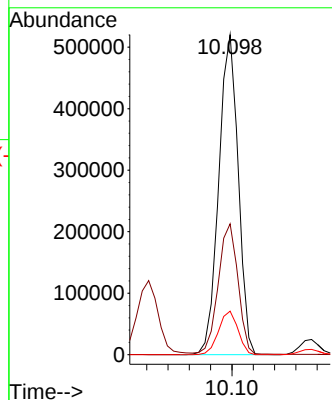
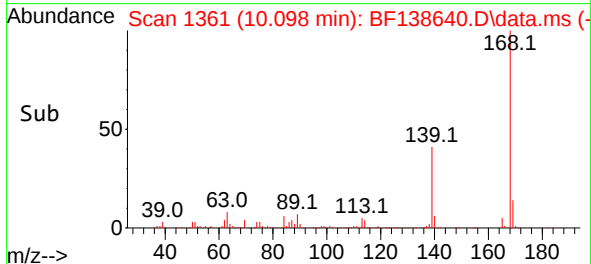


Tgt Ion:168 Resp: 657710
Ion Ratio Lower Upper
168 100
139 40.9 32.4 48.6
169 13.6 10.9 16.3

Manual Integrations

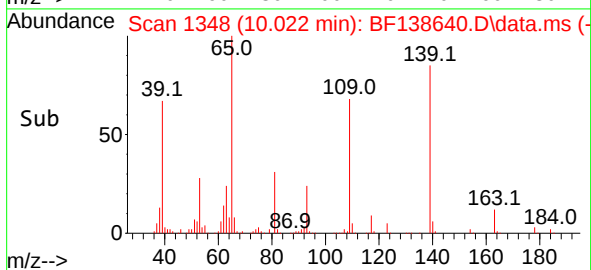
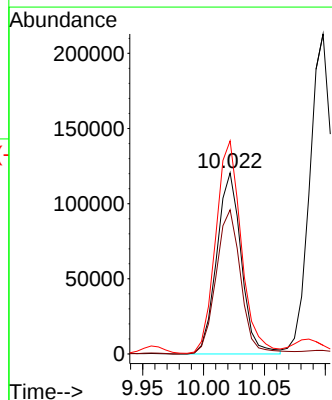
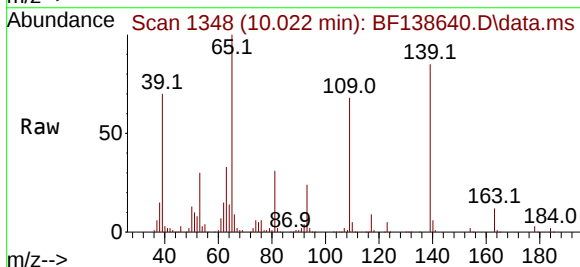
APPROVED

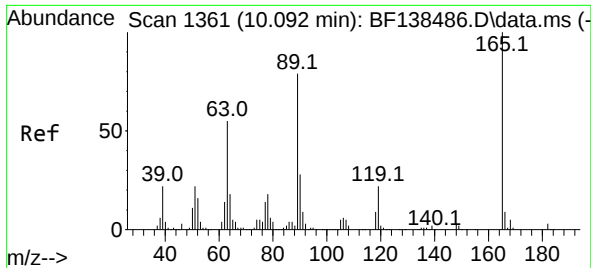
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#56
4-Nitrophenol
Concen: 80.013 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:139 Resp: 169198
Ion Ratio Lower Upper
139 100
109 79.6 58.1 98.1
65 117.7 96.9 136.9





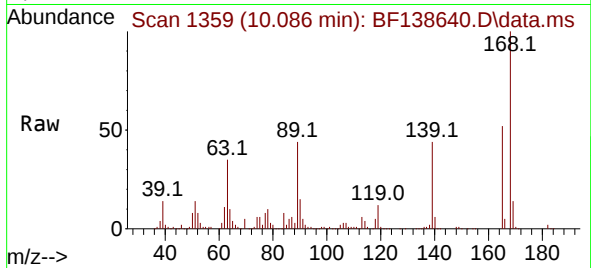
#57
2,4-Dinitrotoluene
Concen: 46.044 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS



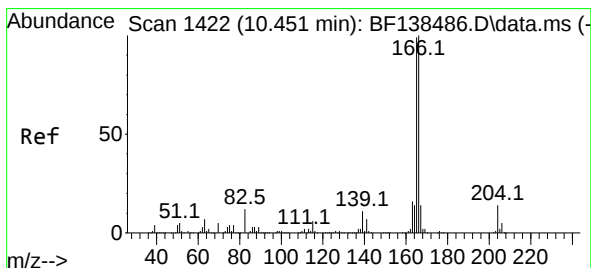
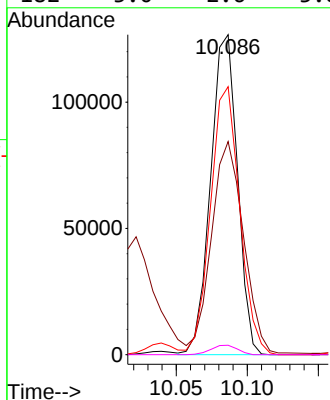
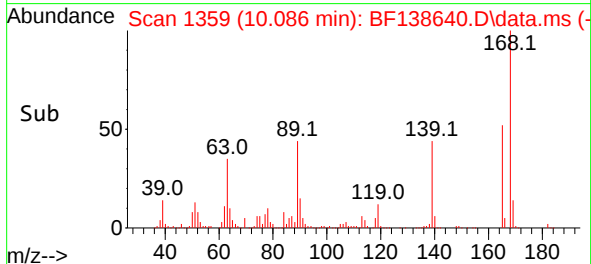
Tgt Ion:165 Resp: 166584
Ion Ratio Lower Upper
165 100
63 66.6 44.6 66.8
89 83.8 63.4 95.2
182 3.0 2.6 3.8

Manual Integrations

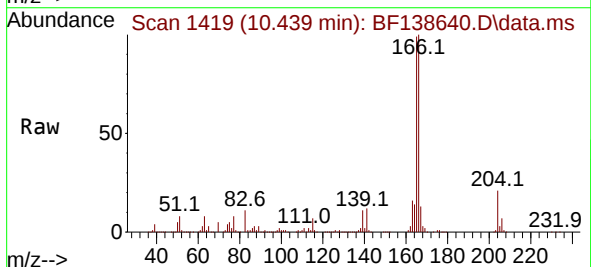
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

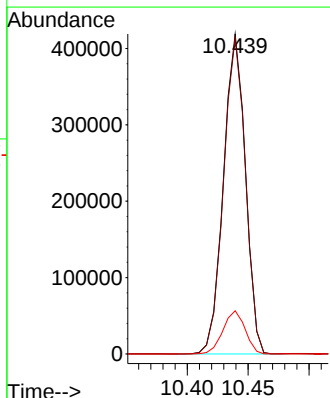
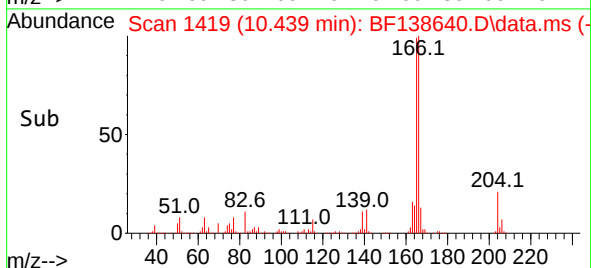
Supervised By :mohammad ahmed 07/25/2024

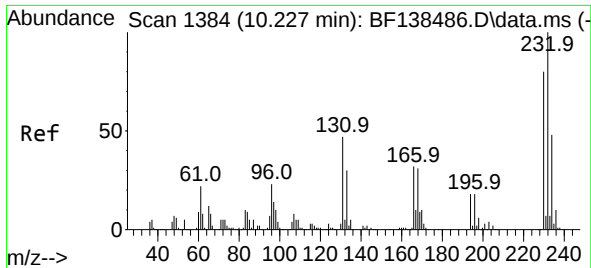


#58
Fluorene
Concen: 45.175 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



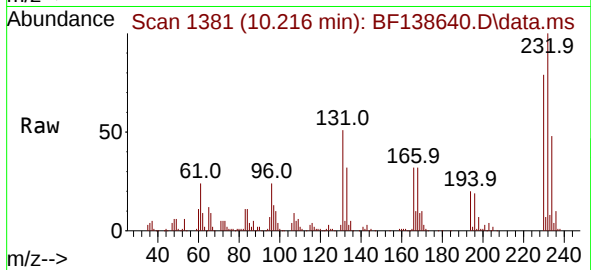
Tgt Ion:166 Resp: 526125
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 13.5 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.861 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

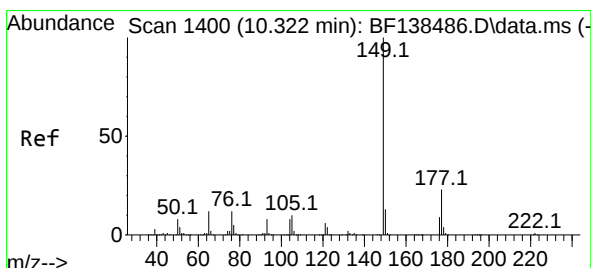
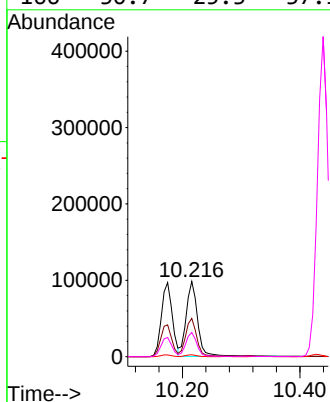
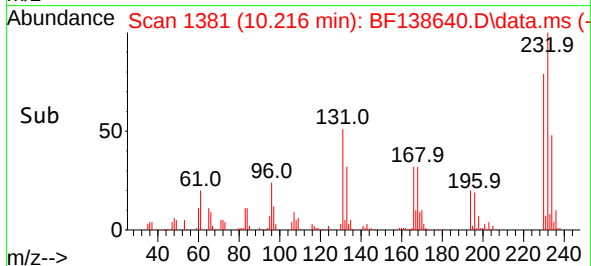
Instrument :
BNA_F
ClientSampleId :
PB162256BS



Tgt Ion:232 Resp: 132919
Ion Ratio Lower Upper
232 100
131 49.8 37.5 56.3
130 2.5 2.0 3.0
166 30.7 25.3 37.9

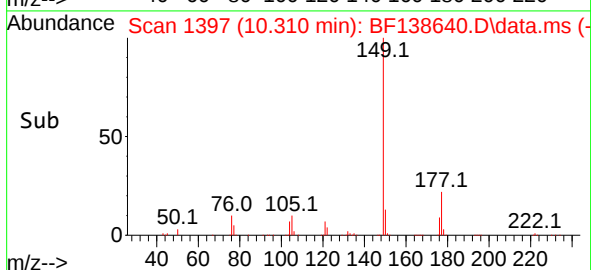
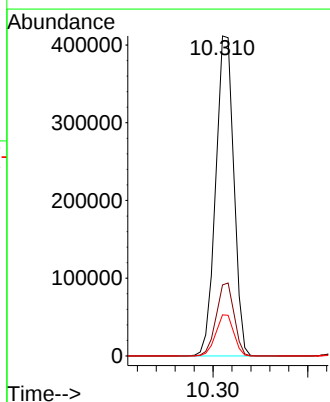
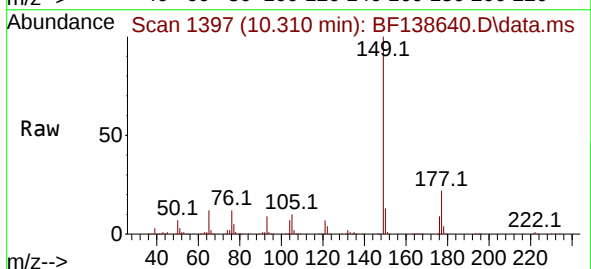
Manual Integrations
APPROVED

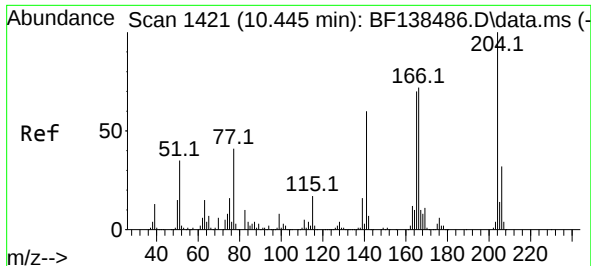
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#60
Diethylphthalate
Concen: 46.694 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

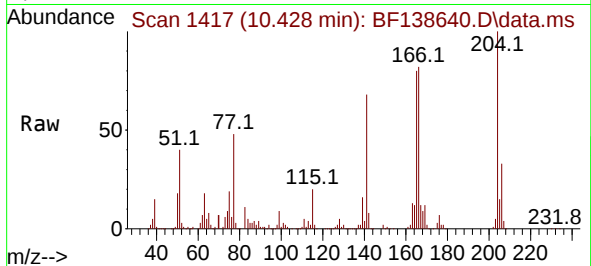
Tgt Ion:149 Resp: 546671
Ion Ratio Lower Upper
149 100
177 22.2 18.5 27.7
150 12.8 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 43.073 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

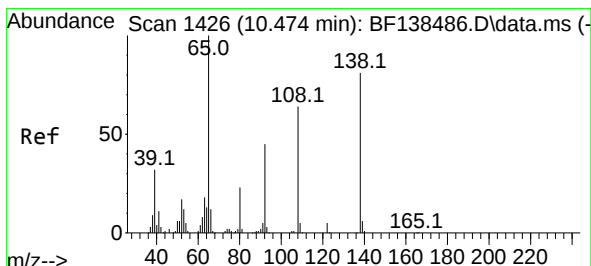
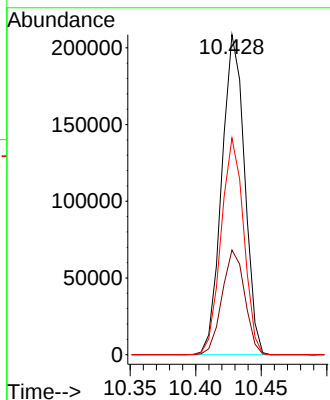
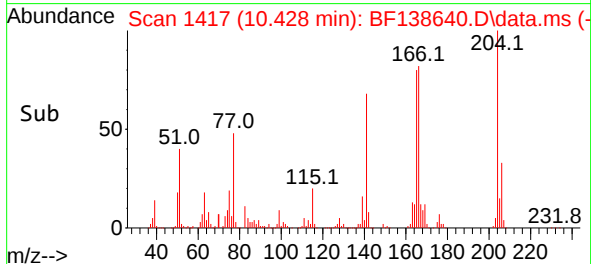
Instrument :
BNA_F
ClientSampleId :
PB162256BS



Tgt Ion:204 Resp: 251898
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 67.7 47.7 71.5

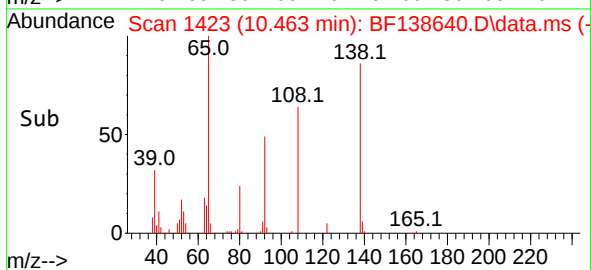
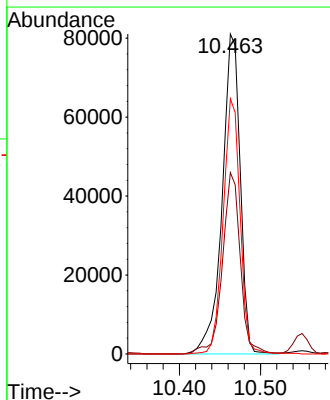
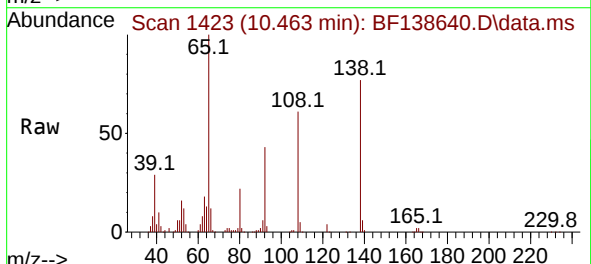
Manual Integrations
APPROVED

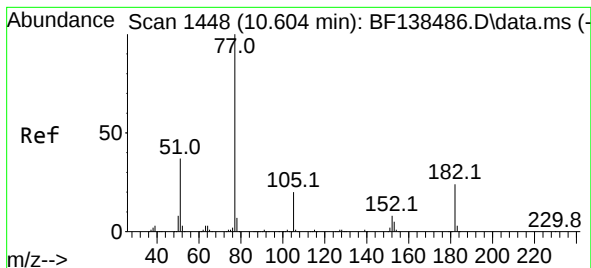
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#62
4-Nitroaniline
Concen: 43.799 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Tgt Ion:138 Resp: 125786
Ion Ratio Lower Upper
138 100
92 56.7 35.8 75.8
108 79.8 59.8 99.8





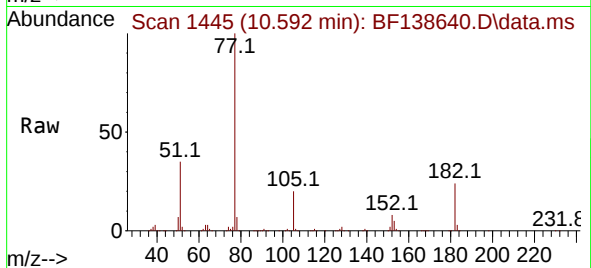
#63
Azobenzene
Concen: 47.493 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

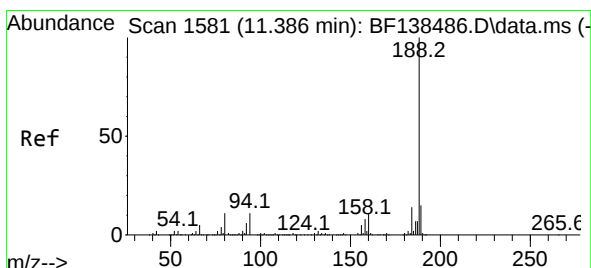
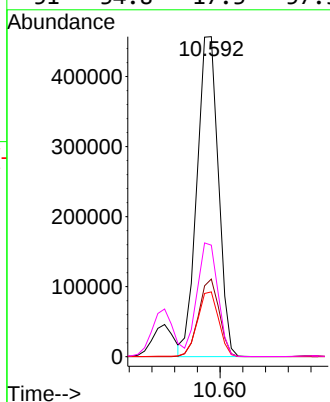
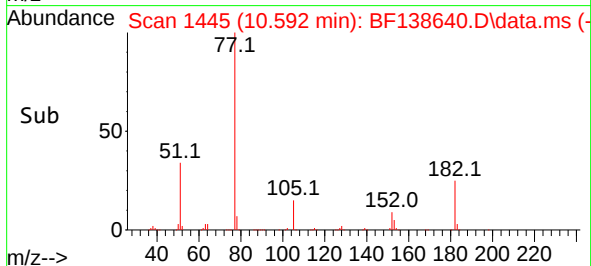


Tgt Ion: 77 Resp: 597800
Ion Ratio Lower Upper
77 100
182 24.3 3.8 43.8
105 20.3 0.0 39.8
51 34.8 17.3 57.3

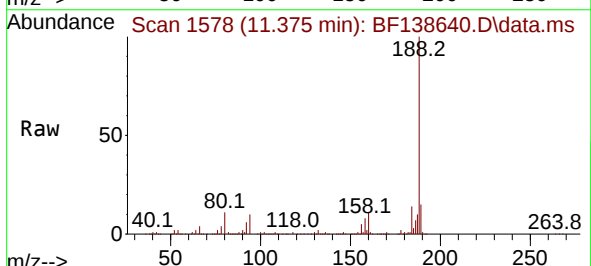
Manual Integrations

APPROVED

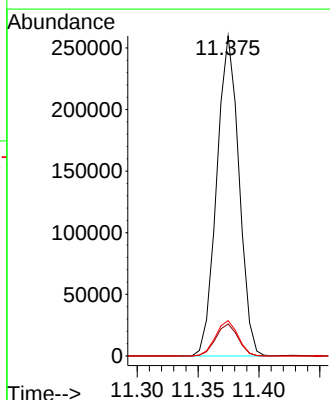
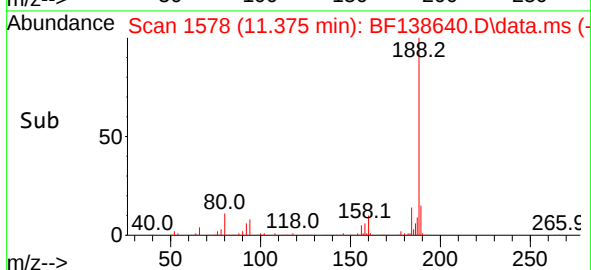
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

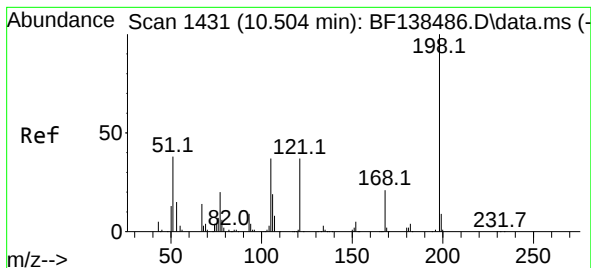


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



Tgt Ion:188 Resp: 330524
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 11.1 9.0 13.4





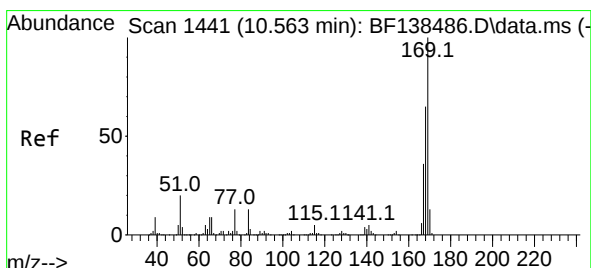
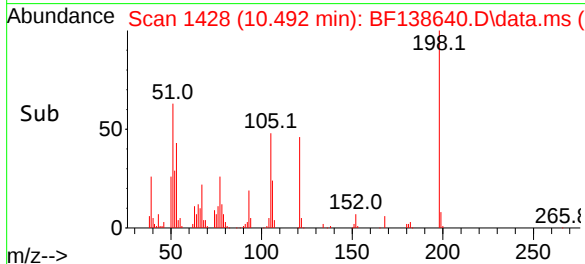
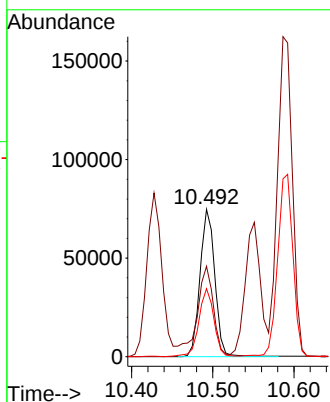
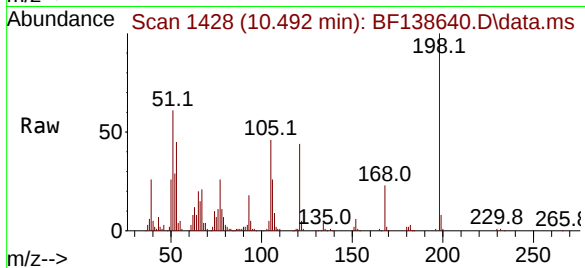
#65
4,6-Dinitro-2-methylphenol
Concen: 49.630 ng
RT: 10.492 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :
BNA_F
ClientSampleId :
PB162256BS

Tgt Ion:198 Resp: 9471
Ion Ratio Lower Upper
198 100
51 61.3 27.2 67.2
105 46.1 18.5 58.5

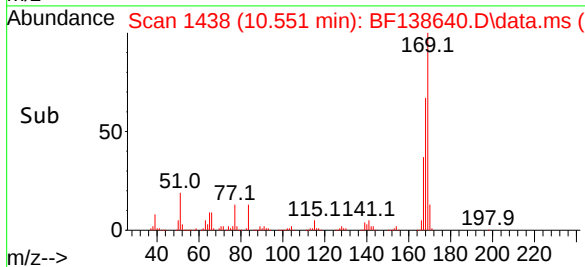
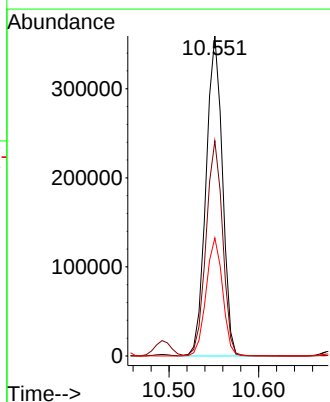
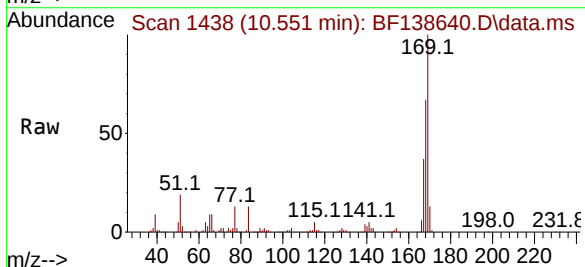
Manual Integrations
APPROVED

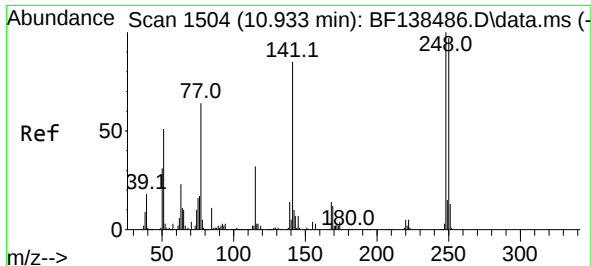
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#66
n-Nitrosodiphenylamine
Concen: 45.986 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

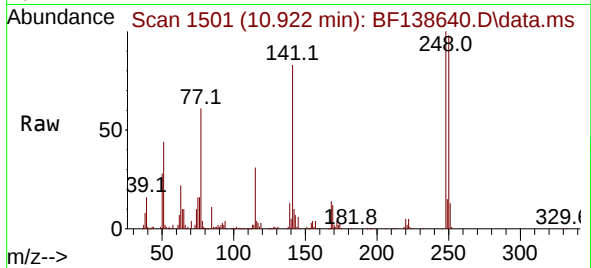
Tgt Ion:169 Resp: 455386
Ion Ratio Lower Upper
169 100
168 67.2 51.7 77.5
167 36.9 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 44.585 ng
RT: 10.922 min Scan# 1510
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

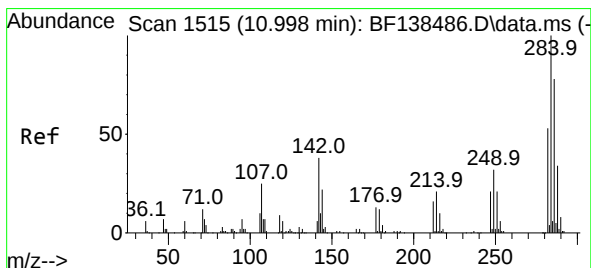
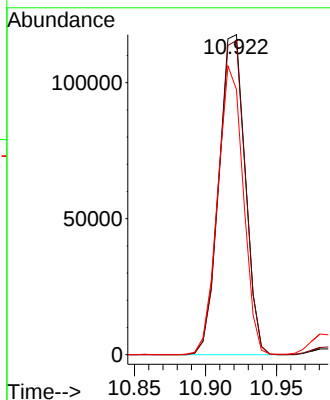
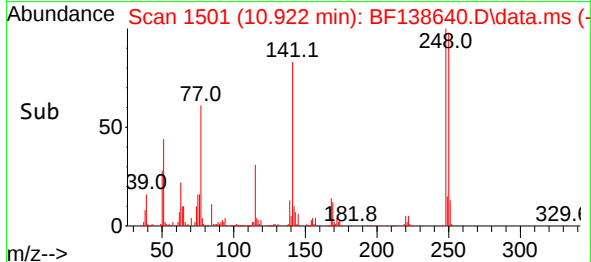
Instrument :
BNA_F
ClientSampleId :
PB162256BS



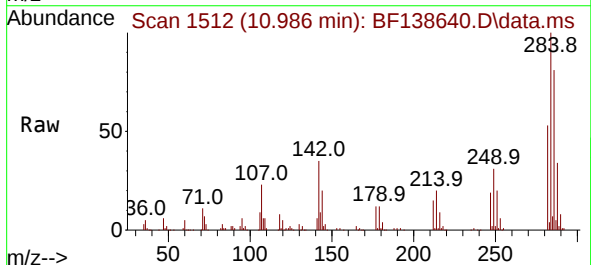
Tgt Ion:248 Resp: 151462
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 82.9 67.7 101.5

Manual Integrations
APPROVED

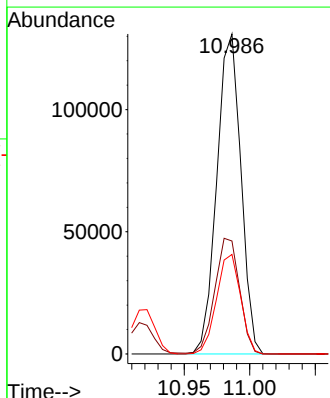
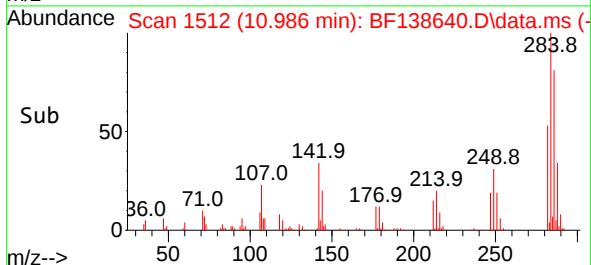
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#68
Hexachlorobenzene
Concen: 44.233 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



Tgt Ion:284 Resp: 166936
Ion Ratio Lower Upper
284 100
142 35.3 30.5 45.7
249 31.1 25.9 38.9





#69

Atrazine

Concen: 43.684 ng

RT: 11.075 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

Tgt Ion:200 Resp: 14342

Ion Ratio Lower Upper

200 100

173 25.1 4.1 44.1

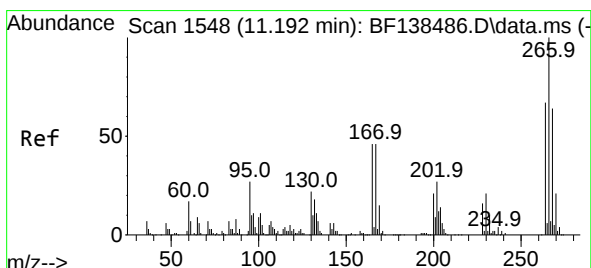
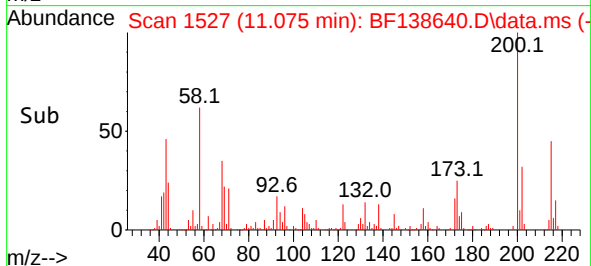
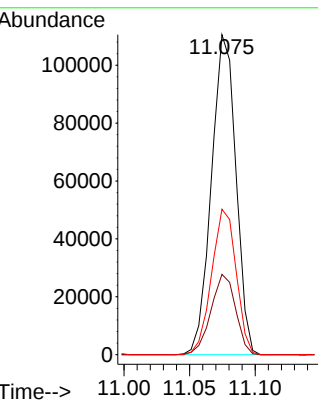
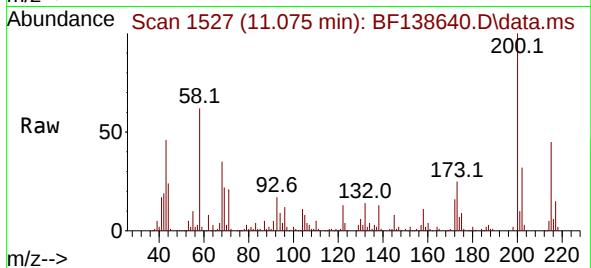
215 45.4 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#70

Pentachlorophenol

Concen: 74.703 ng

RT: 11.180 min Scan# 1545

Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

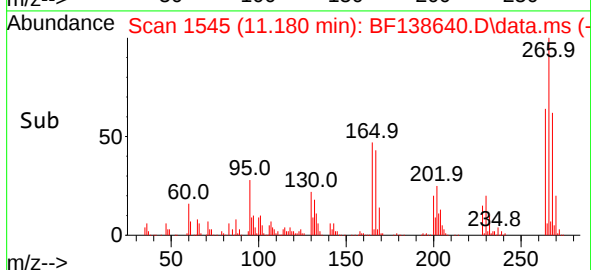
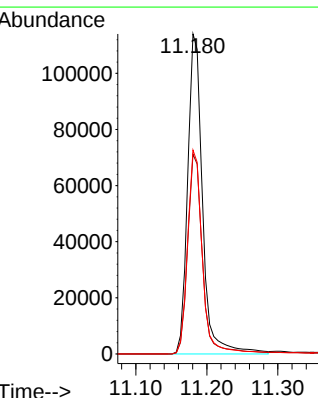
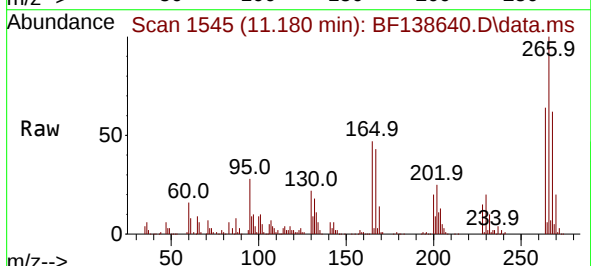
Tgt Ion:266 Resp: 166826

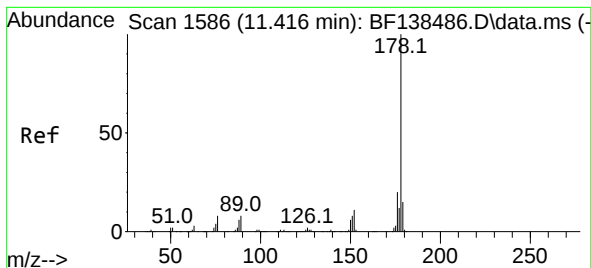
Ion Ratio Lower Upper

266 100

268 62.4 50.9 76.3

264 63.7 53.5 80.3





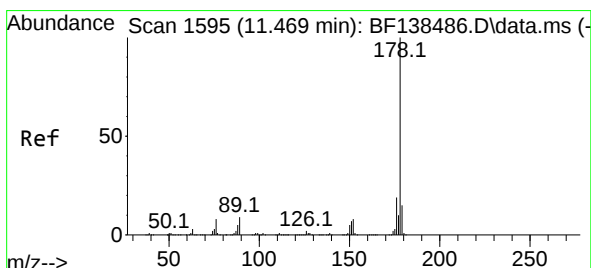
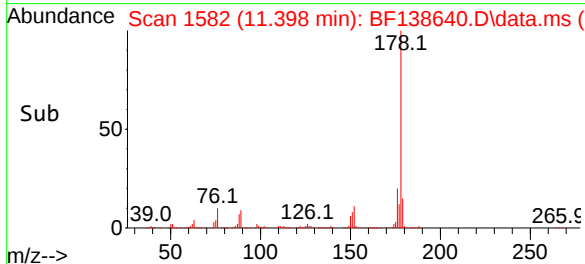
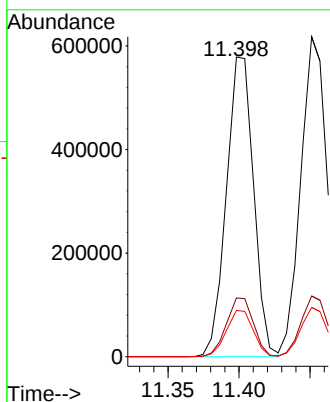
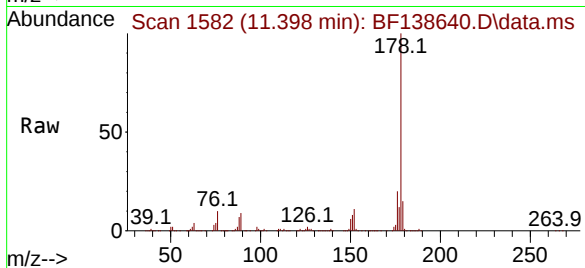
#71
Phenanthrene
Concen: 46.309 ng
RT: 11.398 min Scan# 1586
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :
BNA_F
ClientSampleId :
PB162256BS

Tgt Ion:178 Resp: 773279
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.4 12.2 18.2

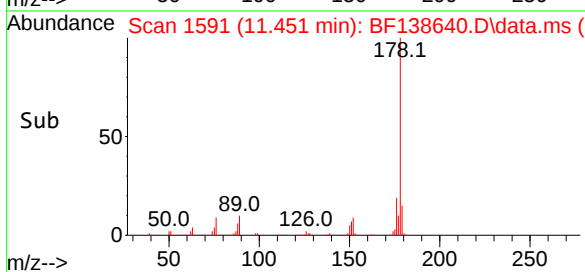
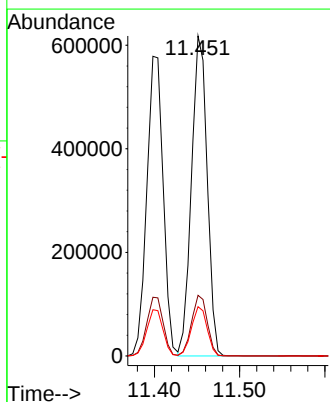
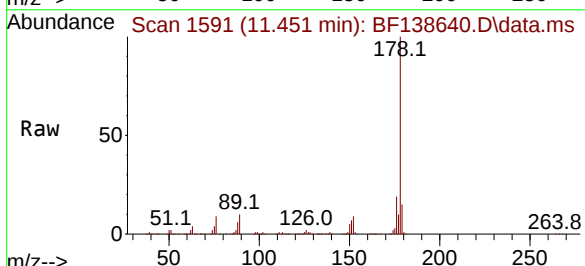
Manual Integrations
APPROVED

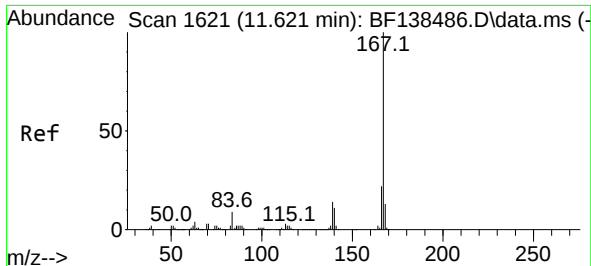
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#72
Anthracene
Concen: 47.707 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

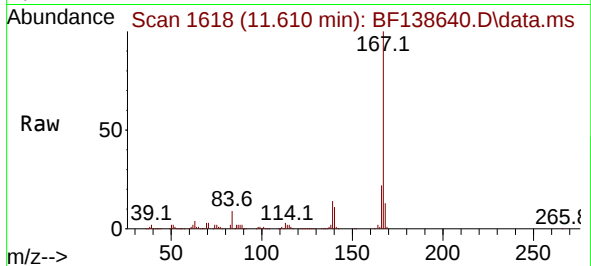
Tgt Ion:178 Resp: 790780
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 44.731 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.012 min
 Lab File: BF138640.D
 Acq: 24 Jul 2024 15:05

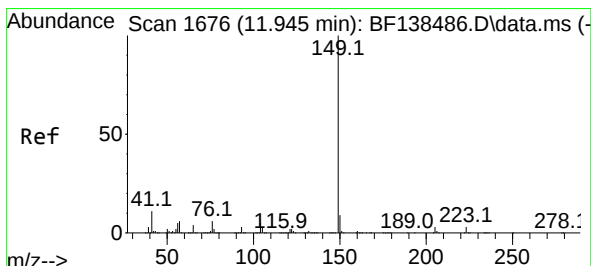
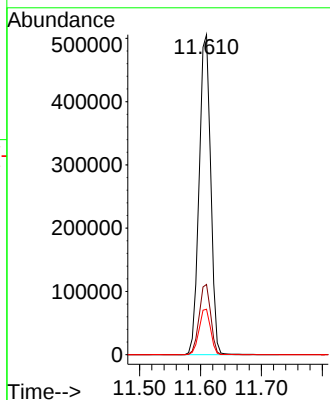
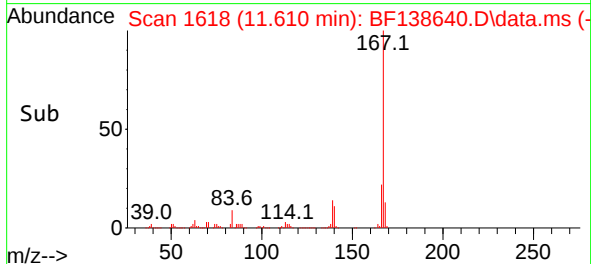
Instrument :
 BNA_F
 ClientSampleId :
 PB162256BS



Tgt Ion:167 Resp: 666319
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 14.2 11.0 16.4

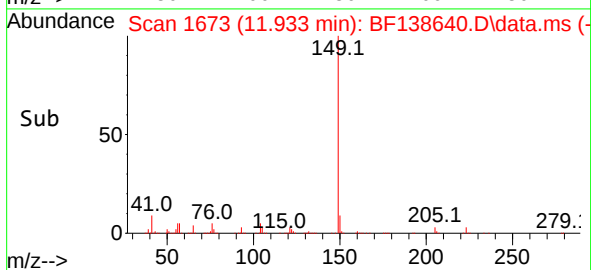
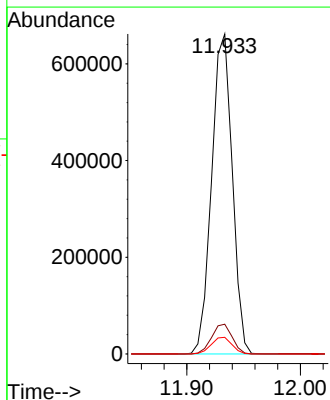
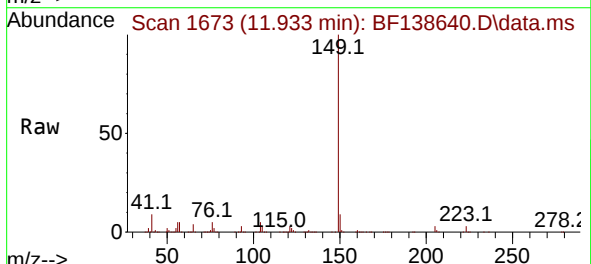
Manual Integrations
 APPROVED

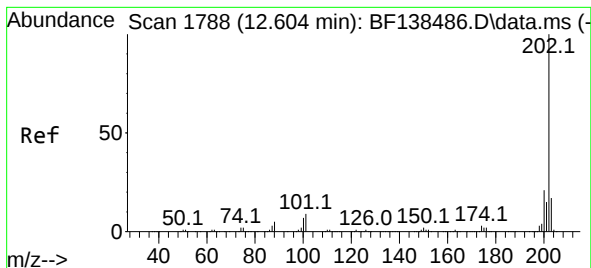
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024



#74
 Di-n-butylphthalate
 Concen: 48.608 ng
 RT: 11.933 min Scan# 1673
 Delta R.T. -0.012 min
 Lab File: BF138640.D
 Acq: 24 Jul 2024 15:05

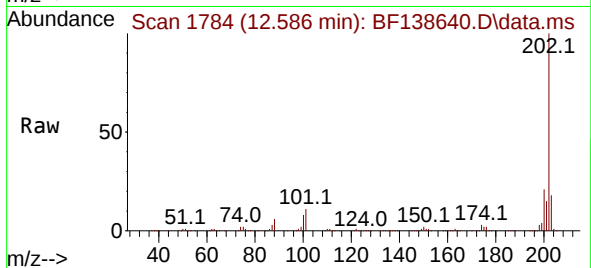
Tgt Ion:149 Resp: 834624
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 43.399 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

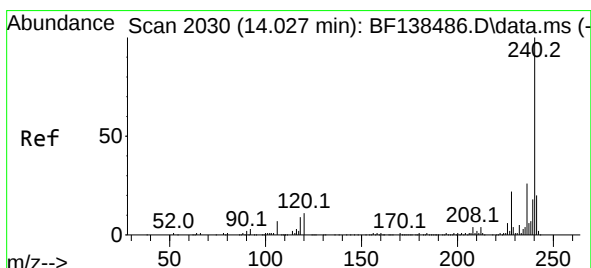
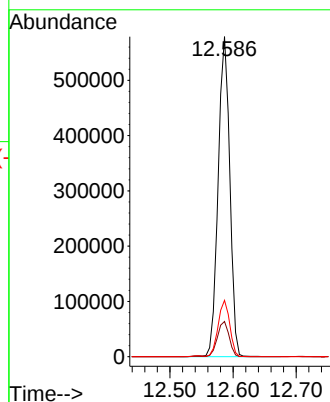
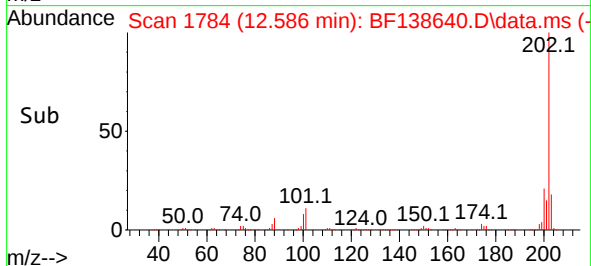
Instrument :
BNA_F
ClientSampleId :
PB162256BS



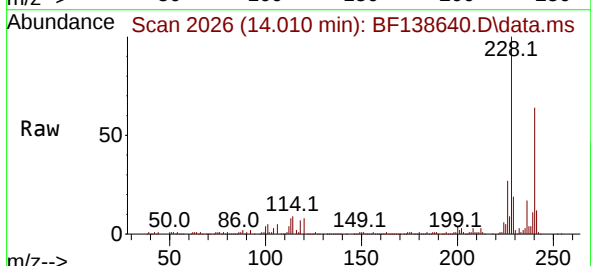
Tgt Ion:202 Resp: 739469
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.2
203 17.6 0.0 37.3

Manual Integrations
APPROVED

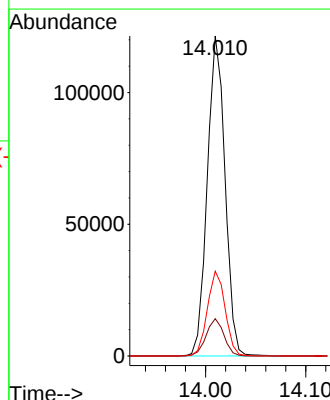
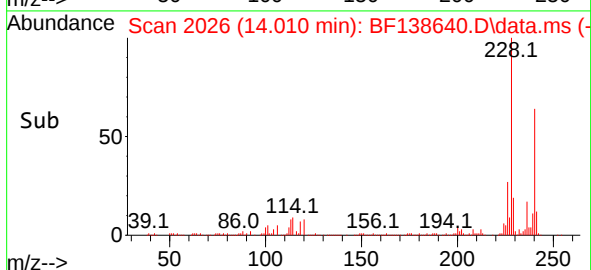
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

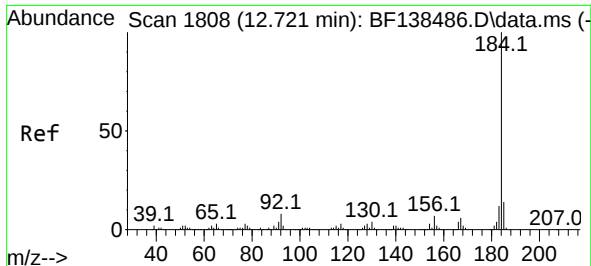


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



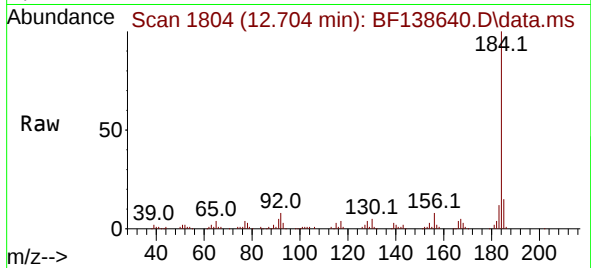
Tgt Ion:240 Resp: 149555
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 26.5 21.0 31.6





#77
Benzidine
Concen: 26.548 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

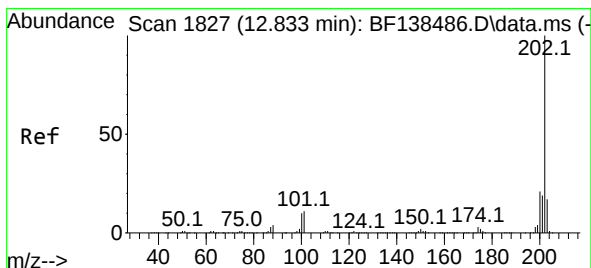
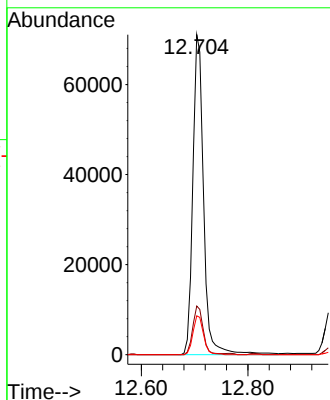
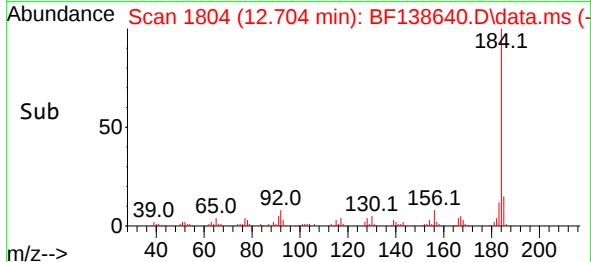
Instrument :
BNA_F
ClientSampleId :
PB162256BS



Tgt Ion:184 Resp: 100172
Ion Ratio Lower Upper
184 100
185 15.2 11.3 16.9
183 12.1 9.5 14.3

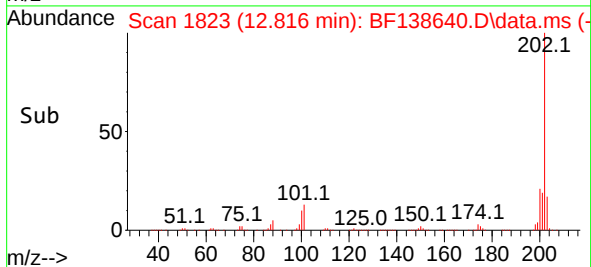
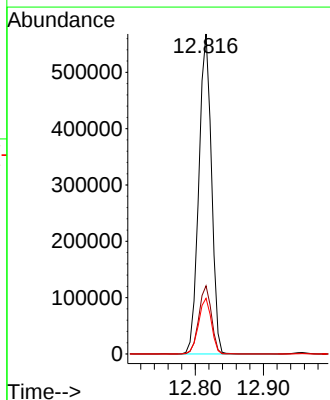
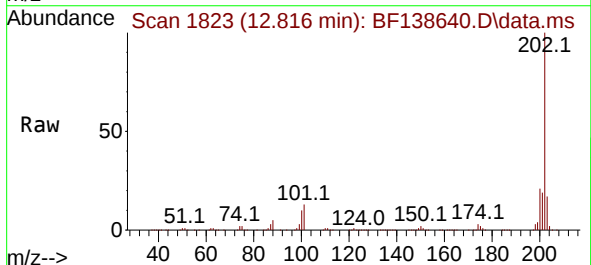
Manual Integrations
APPROVED

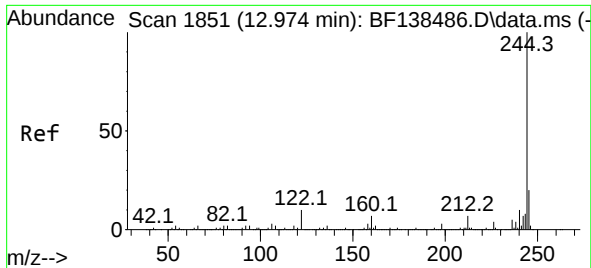
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#78
Pyrene
Concen: 48.158 ng
RT: 12.816 min Scan# 1823
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

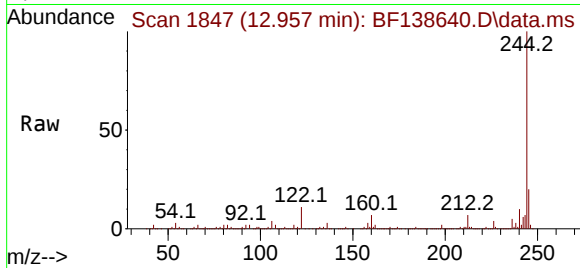
Tgt Ion:202 Resp: 731124
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.4 13.7 20.5





#79
 Terphenyl-d14
 Concen: 107.731 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.017 min
 Lab File: BF138640.D
 Acq: 24 Jul 2024 15:05

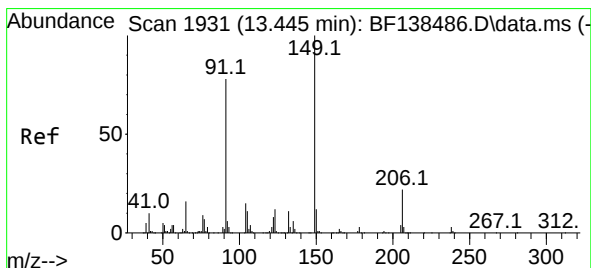
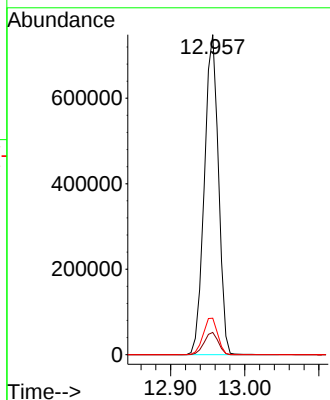
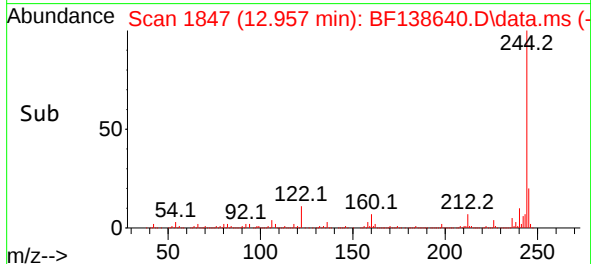
Instrument :
 BNA_F
 ClientSampleId :
 PB162256BS



Tgt Ion:244 Resp: 98898
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.4 7.8 11.8

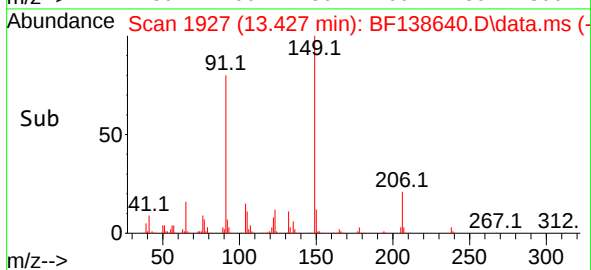
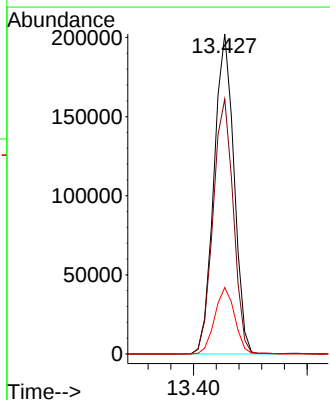
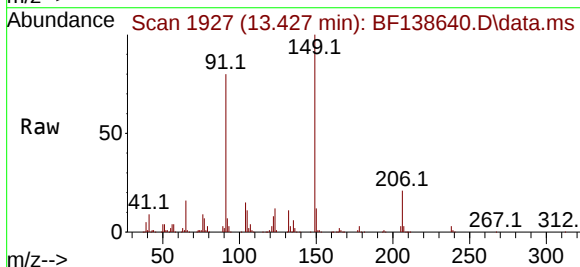
Manual Integrations
 APPROVED

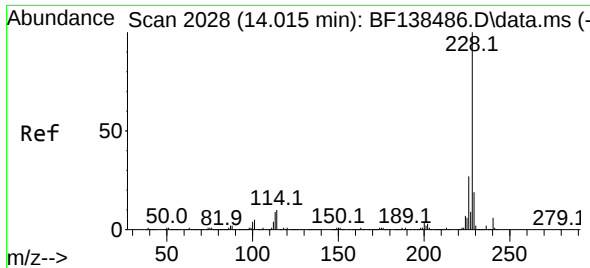
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024



#80
 Butylbenzylphthalate
 Concen: 54.345 ng
 RT: 13.427 min Scan# 1927
 Delta R.T. -0.017 min
 Lab File: BF138640.D
 Acq: 24 Jul 2024 15:05

Tgt Ion:149 Resp: 248194
 Ion Ratio Lower Upper
 149 100
 91 79.7 62.1 93.1
 206 20.8 18.0 27.0





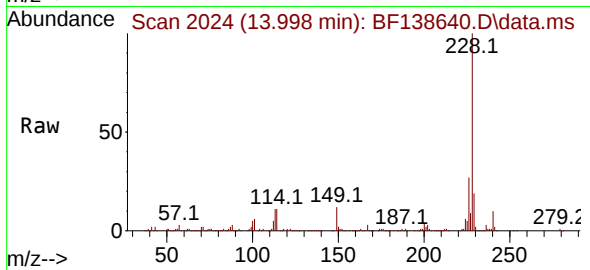
#81
Benzo(a)anthracene
Concen: 47.134 ng
RT: 13.998 min Scan# 2018
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS



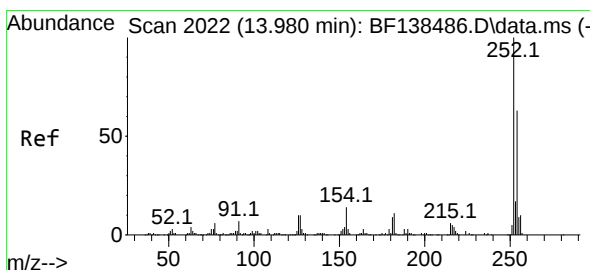
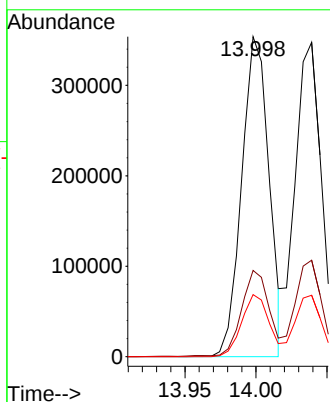
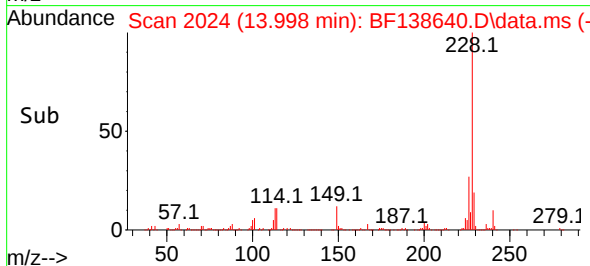
Tgt Ion:228 Resp: 472992
Ion Ratio Lower Upper
228 100
226 27.0 21.9 32.9
229 19.4 15.5 23.3

Manual Integrations

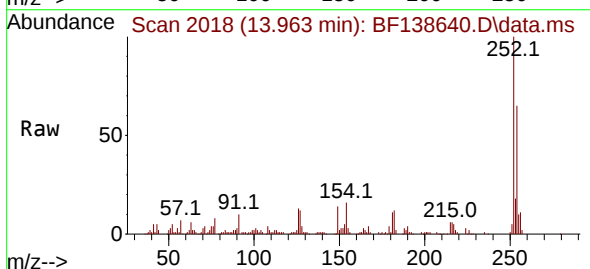
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

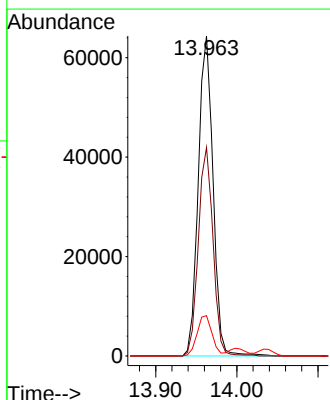
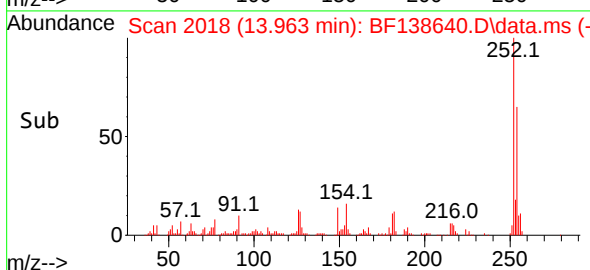
Supervised By :mohammad ahmed 07/25/2024

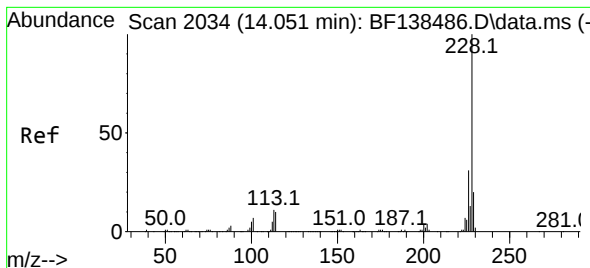


#82
3,3'-Dichlorobenzidine
Concen: 31.475 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



Tgt Ion:252 Resp: 81389
Ion Ratio Lower Upper
252 100
254 65.2 50.3 75.5
126 12.6 8.1 12.1#





#83

Chrysene

Concen: 47.164 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

Tgt Ion:228 Resp: 44774

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

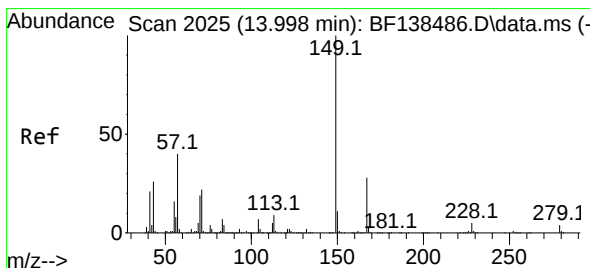
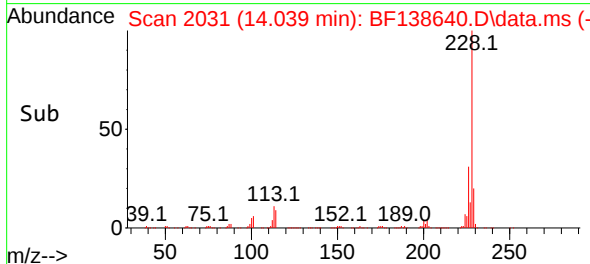
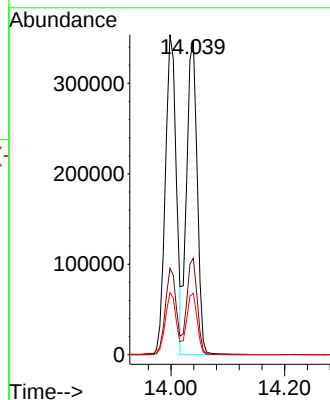
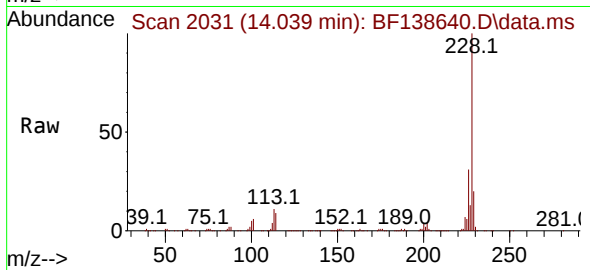
229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.205 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

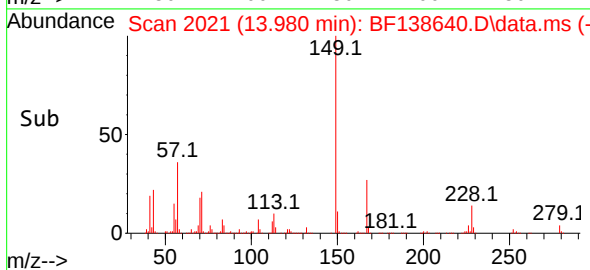
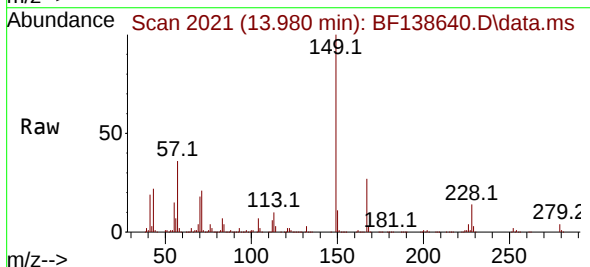
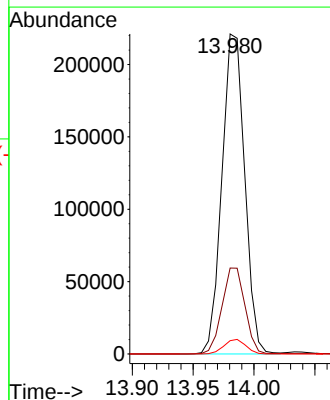
Tgt Ion:149 Resp: 288374

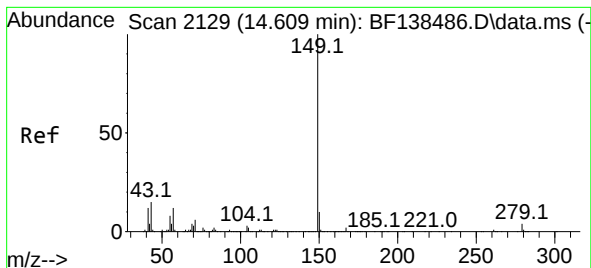
Ion Ratio Lower Upper

149 100

167 26.8 22.5 33.7

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 59.596 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

Tgt Ion:149 Resp: 458564

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

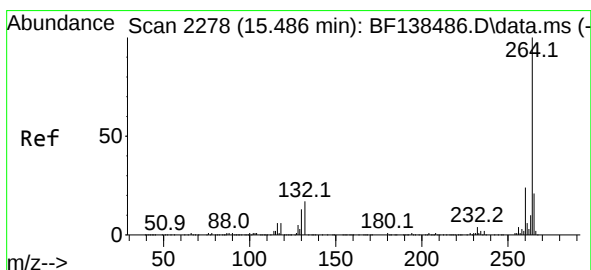
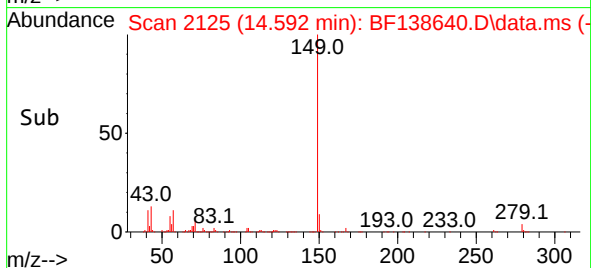
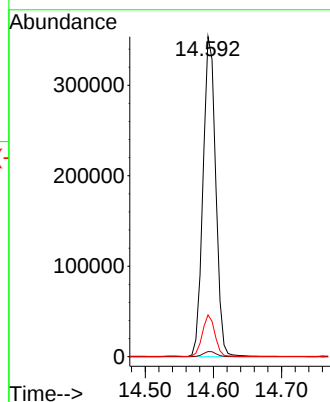
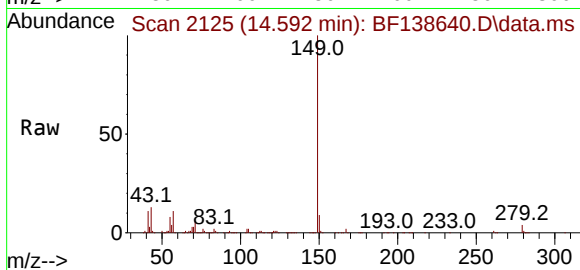
43 12.7 10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

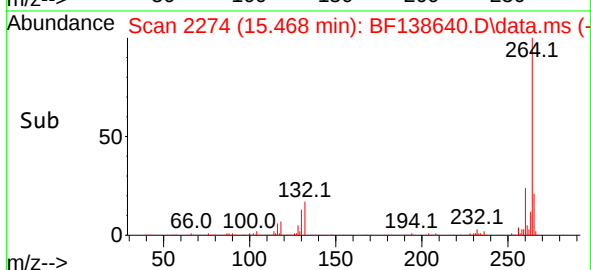
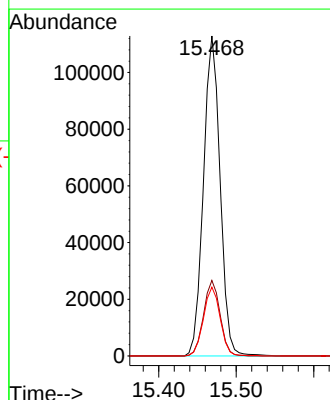
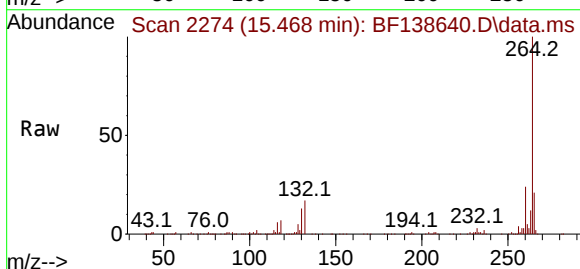
Tgt Ion:264 Resp: 168394

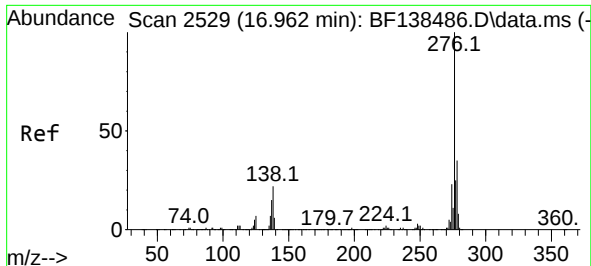
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.5 17.0 25.4





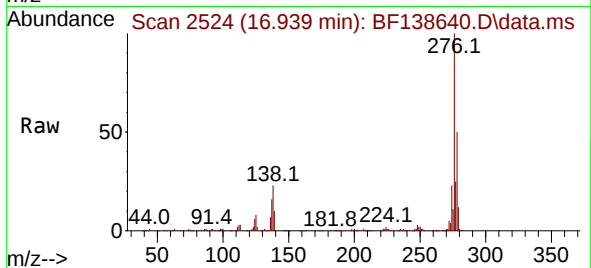
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.775 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

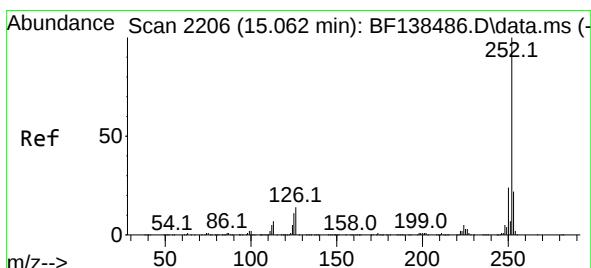
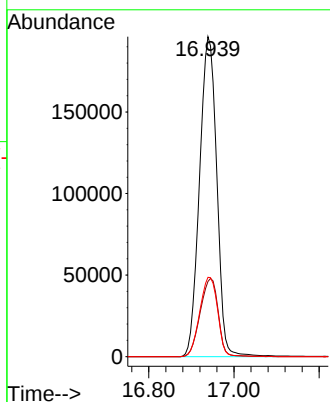
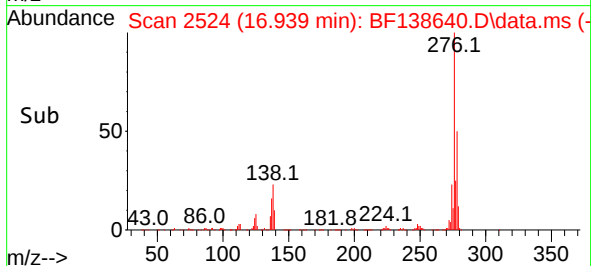


Tgt Ion:276 Resp: 551690
Ion Ratio Lower Upper
276 100
138 25.4 19.6 29.4
277 25.8 20.5 30.7

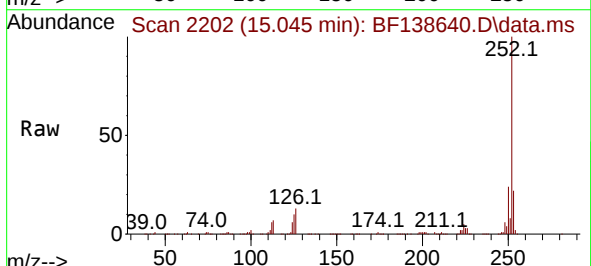
Manual Integrations

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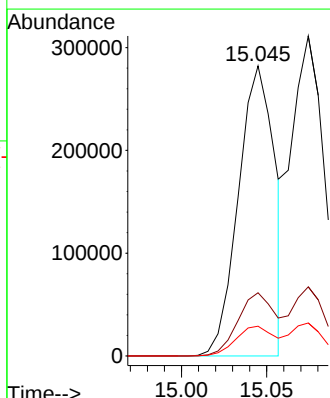
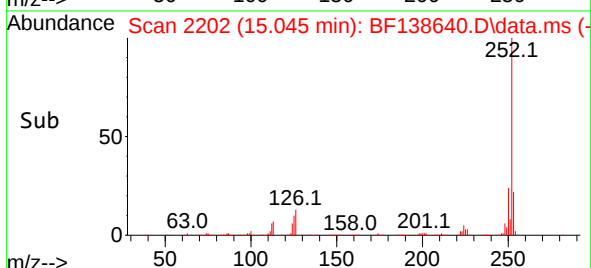
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

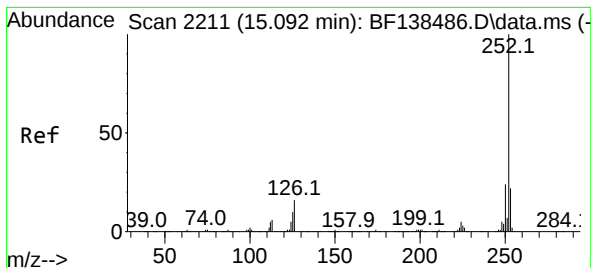


#88
Benzo(b)fluoranthene
Concen: 44.151 ng
RT: 15.045 min Scan# 2202
Delta R.T. -0.017 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



Tgt Ion:252 Resp: 418702
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.2 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 45.941 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PB162256BS

Tgt Ion:252 Resp: 42491

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

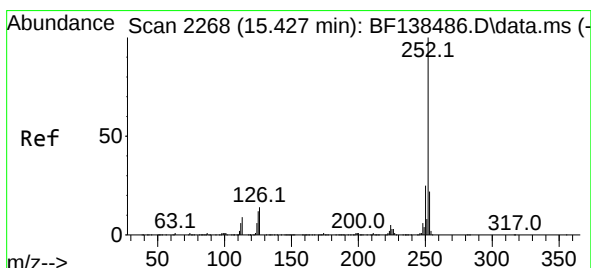
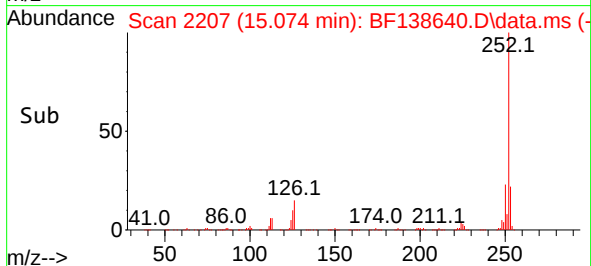
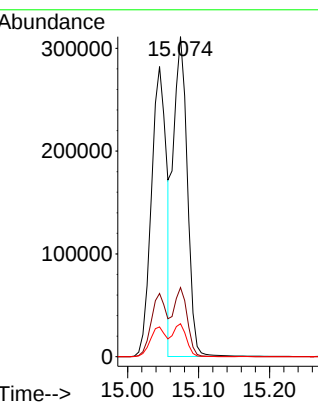
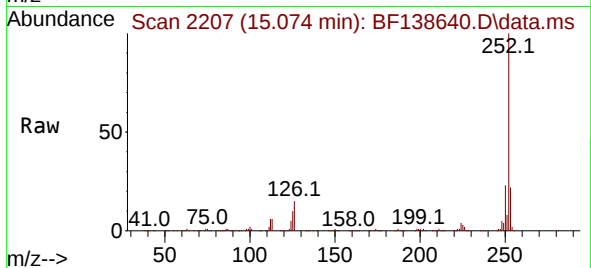
125 10.3 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#90

Benzo(a)pyrene

Concen: 49.614 ng

RT: 15.410 min Scan# 2264

Delta R.T. -0.017 min

Lab File: BF138640.D

Acq: 24 Jul 2024 15:05

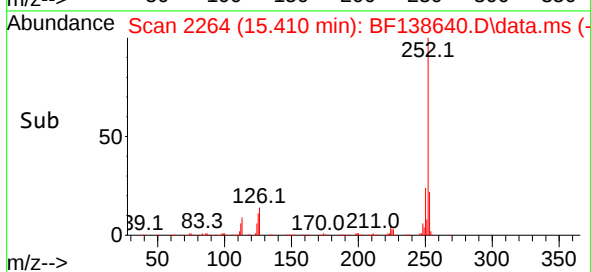
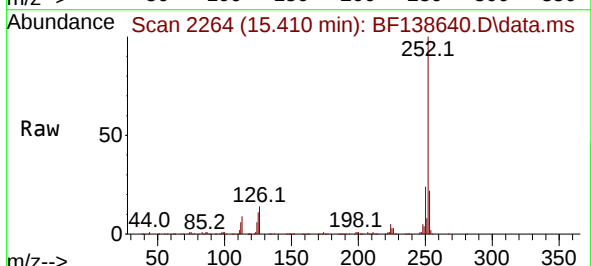
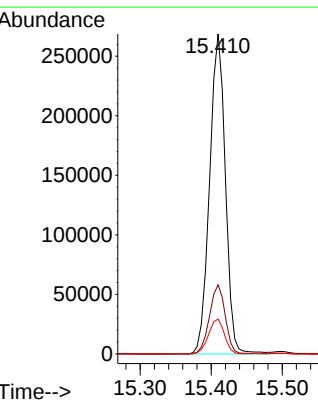
Tgt Ion:252 Resp: 413324

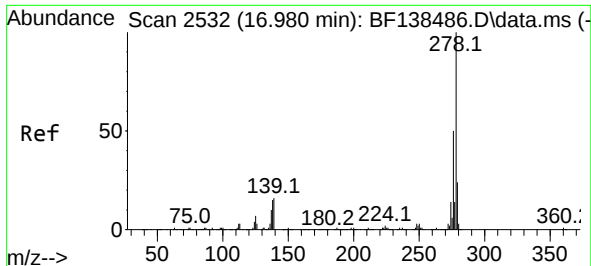
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.9 9.4 14.2





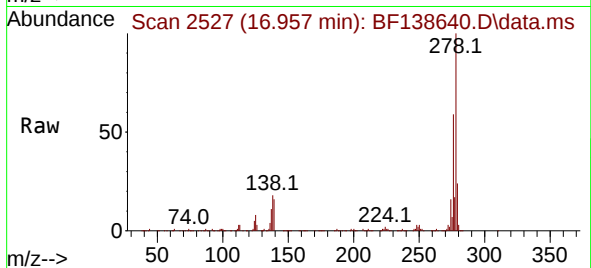
#91
Dibenzo(a,h)anthracene
Concen: 47.677 ng
RT: 16.957 min Scan# 2527
Delta R.T. -0.023 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05

Instrument :

BNA_F

ClientSampleId :

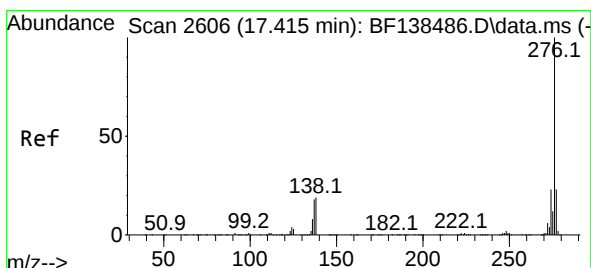
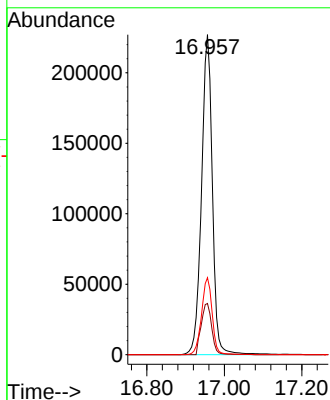
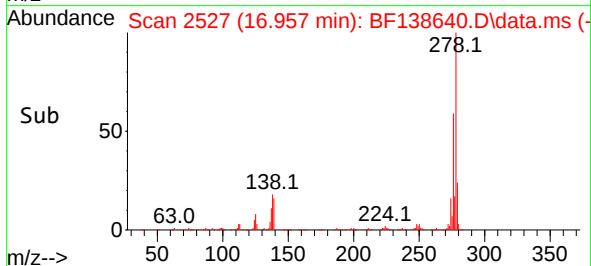
PB162256BS



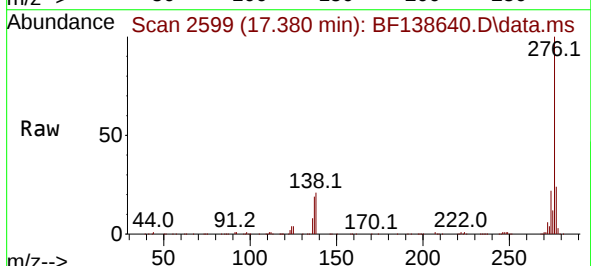
Tgt Ion:278 Resp: 441129
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 24.0 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#92
Benzo(g,h,i)perylene
Concen: 44.347 ng
RT: 17.380 min Scan# 2599
Delta R.T. -0.035 min
Lab File: BF138640.D
Acq: 24 Jul 2024 15:05



Tgt Ion:276 Resp: 435100
Ion Ratio Lower Upper
276 100
277 23.7 18.0 27.0
138 21.3 15.5 23.3

