

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138634.D
 Acq On : 24 Jul 2024 12:01
 Operator : RC/JU
 Sample : PB162159BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162159BS

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 13:17:34 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	82866	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	342224	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	189702	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	332399	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	152336	20.000	ng	-0.01
86) Perylene-d12	15.474	264	168429	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	656793	125.528	ng	0.00
7) Phenol-d6	6.498	99	879545	126.364	ng	0.00
23) Nitrobenzene-d5	7.422	82	581249	83.390	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	230378	129.940	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	986670	81.289	ng	-0.02
79) Terphenyl-d14	12.957	244	1010228	108.036	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	83877	36.196	ng	95
3) Pyridine	3.457	79	219108	38.341	ng	95
4) n-Nitrosodimethylamine	3.416	42	163598	43.976	ng	89
6) Aniline	6.516	93	229020	35.129	ng	# 23
8) 2-Chlorophenol	6.645	128	265648	48.015	ng	99
9) Benzaldehyde	6.404	77	21832	5.860	ng	98
10) Phenol	6.510	94	339714	45.981	ng	87
11) bis(2-Chloroethyl)ether	6.592	93	262387	47.170	ng	98
12) 1,3-Dichlorobenzene	6.792	146	271357	43.635	ng	97
13) 1,4-Dichlorobenzene	6.875	146	273849	43.364	ng	99
14) 1,2-Dichlorobenzene	7.022	146	263593	44.816	ng	97
15) Benzyl Alcohol	6.998	79	248383	47.550	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	464968	42.506	ng	82
17) 2-Methylphenol	7.116	107	211837	46.719	ng	# 90
18) Hexachloroethane	7.363	117	104586	45.049	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	203098	47.223	ng	94
20) 3+4-Methylphenols	7.269	107	269223	47.151	ng	# 88
22) Acetophenone	7.263	105	347864	41.853	ng	98
24) Nitrobenzene	7.439	77	308312	43.526	ng	99
25) Isophorone	7.675	82	548123	45.791	ng	100
26) 2-Nitrophenol	7.751	139	144248	47.514	ng	94
27) 2,4-Dimethylphenol	7.792	122	182071m	48.795	ng	
28) bis(2-Chloroethoxy)met...	7.886	93	326014	45.572	ng	98
29) 2,4-Dichlorophenol	7.998	162	216095	44.597	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	232969	41.273	ng	98
31) Naphthalene	8.157	128	780565	43.856	ng	100
32) Benzoic acid	7.928	122	122058	34.297	ng	95
33) 4-Chloroaniline	8.210	127	149212	23.893	ng	97
34) Hexachlorobutadiene	8.269	225	136350	39.227	ng	99
35) Caprolactam	8.586	113	67707m	43.303	ng	
36) 4-Chloro-3-methylphenol	8.698	107	255972	47.187	ng	97
37) 2-Methylnaphthalene	8.851	142	504811	44.074	ng	99
38) 1-Methylnaphthalene	8.945	142	464339	41.539	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	207382	39.224	ng	98
41) Hexachlorocyclopentadiene	8.998	237	194751	113.485	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	146333	43.389	ng	98

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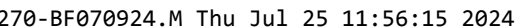
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	153704	41.436	ng	93
46) 1,1'-Biphenyl	9.316	154	587897	40.893	ng	100
47) 2-Chloronaphthalene	9.339	162	464088	42.731	ng	97
48) 2-Nitroaniline	9.439	65	175872	46.730	ng	99
49) Acenaphthylene	9.757	152	737849	47.851	ng	99
50) Dimethylphthalate	9.616	163	567586	46.271	ng	100
51) 2,6-Dinitrotoluene	9.680	165	125670	44.496	ng	88
52) Acenaphthene	9.927	154	464210	45.289	ng	99
53) 3-Nitroaniline	9.851	138	82283	28.425	ng	93
54) 2,4-Dinitrophenol	9.963	184	126110	83.011	ng	94
55) Dibenzofuran	10.098	168	660864	44.452	ng	99
56) 4-Nitrophenol	10.022	139	179483	84.031	ng	98
57) 2,4-Dinitrotoluene	10.086	165	168552	46.124	ng	94
58) Fluorene	10.439	166	529711	45.030	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	130789	44.676	ng	97
60) Diethylphthalate	10.316	149	551332	46.623	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	255111	43.188	ng	95
62) 4-Nitroaniline	10.469	138	126717	43.684	ng	98
63) Azobenzene	10.592	77	600332	47.219	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	97342	50.717	ng	88
66) n-Nitrosodiphenylamine	10.551	169	464030	46.594	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	153727	44.996	ng	99
68) Hexachlorobenzene	10.986	284	171551	45.200	ng	96
69) Atrazine	11.080	200	143659	43.509	ng	98
70) Pentachlorophenol	11.186	266	176209	78.460	ng	98
71) Phenanthrene	11.404	178	765804	45.602	ng	100
72) Anthracene	11.457	178	795939	47.747	ng	100
73) Carbazole	11.610	167	676954	45.188	ng	99
74) Di-n-butylphthalate	11.933	149	844835	48.925	ng	100
75) Fluoranthene	12.586	202	751075	43.831	ng	97
77) Benzidine	12.710	184	103950	27.046	ng	99
78) Pyrene	12.816	202	737067	47.663	ng	98
80) Butylbenzylphthalate	13.433	149	249881	53.716	ng	99
81) Benzo(a)anthracene	14.004	228	485004	47.448	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	86521	32.849	ng	# 98
83) Chrysene	14.039	228	443307	45.844	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	287562	57.961	ng	99
85) Di-n-octyl phthalate	14.598	149	467512	59.649	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	554510	49.013	ng	99
88) Benzo(b)fluoranthene	15.051	252	432874	45.636	ng	99
89) Benzo(k)fluoranthene	15.080	252	410219	44.343	ng	99
90) Benzo(a)pyrene	15.415	252	410009	49.206	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	447333	48.337	ng	100
92) Benzo(g,h,i)perylene	17.392	276	436174	44.447	ng	97

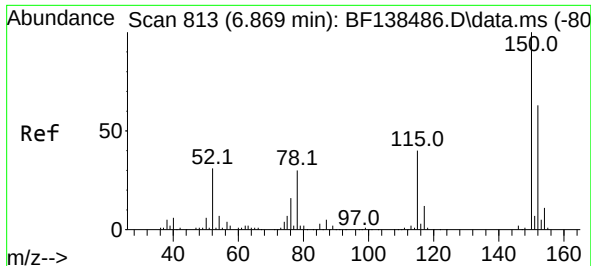
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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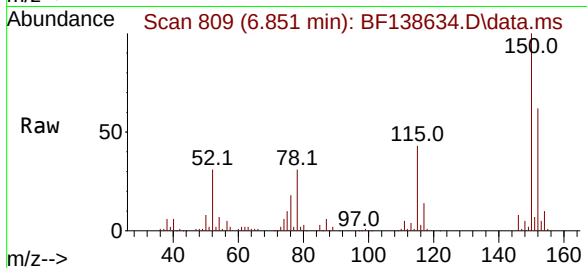
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

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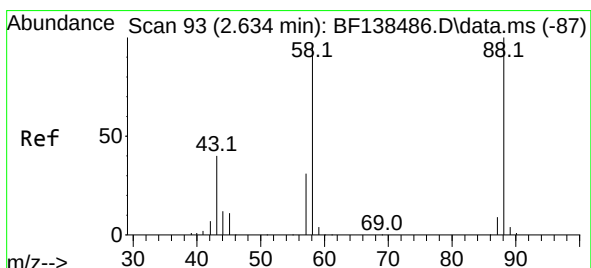
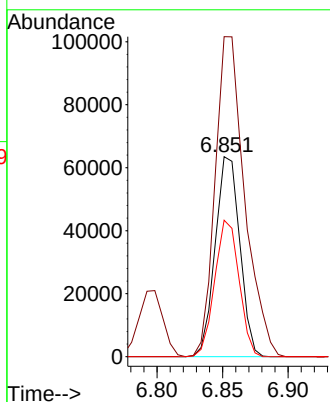
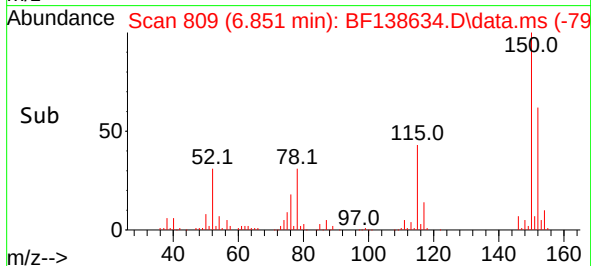


Tgt Ion:152 Resp: 82860
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.4
115 68.3 50.3 75.5

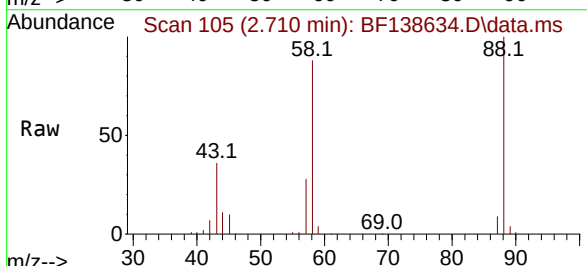
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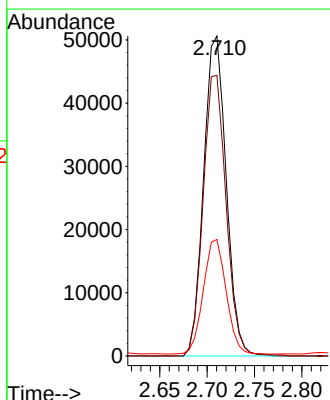
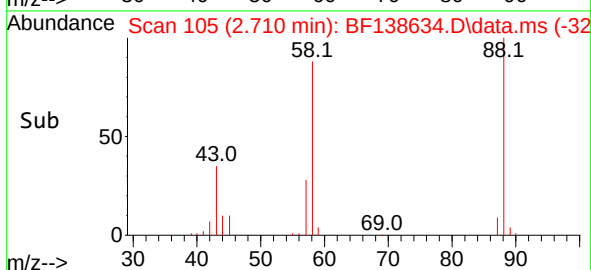
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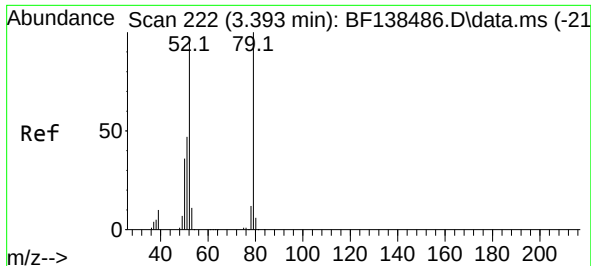


#2
1,4-Dioxane
Concen: 36.196 ng
RT: 2.710 min Scan# 105
Delta R.T. 0.077 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01



Tgt Ion: 88 Resp: 83877
Ion Ratio Lower Upper
88 100
58 89.4 74.6 112.0
43 36.2 31.8 47.6





#3

Pyridine

Concen: 38.341 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF138634.D

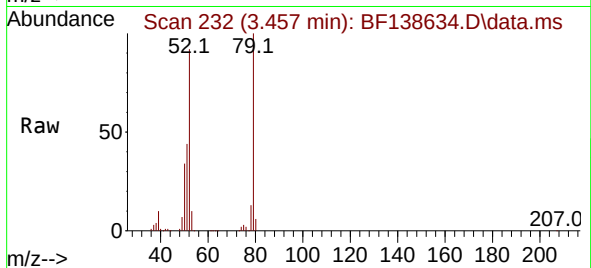
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

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Tgt Ion: 79 Resp: 219108

Ion Ratio Lower Upper

79 100

52 91.8 77.4 116.2

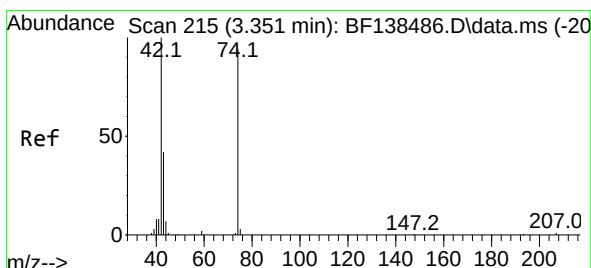
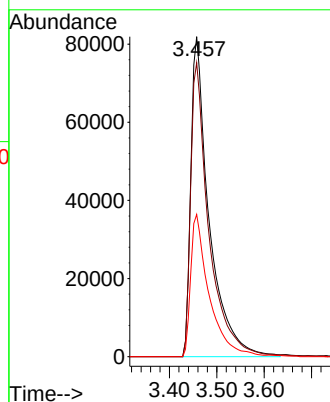
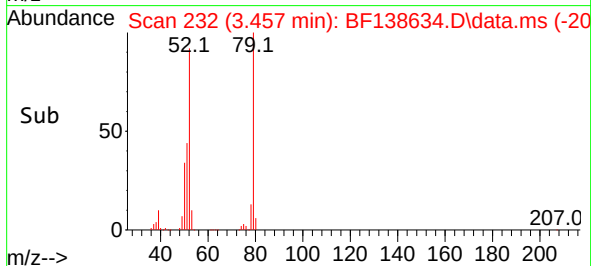
51 44.4 37.4 56.0

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#4

n-Nitrosodimethylamine

Concen: 43.976 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.065 min

Lab File: BF138634.D

Acq: 24 Jul 2024 12:01

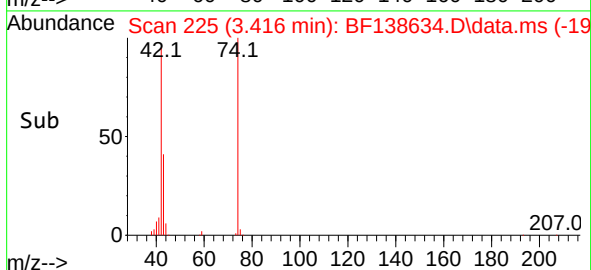
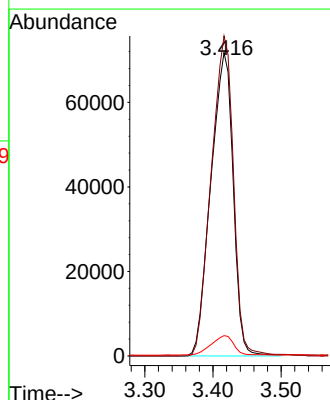
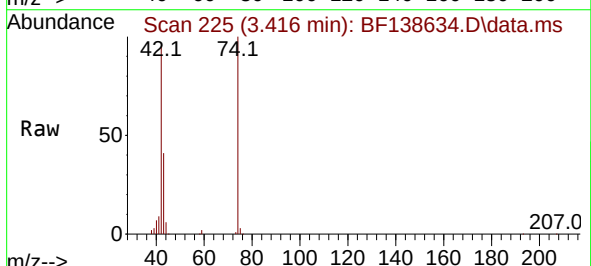
Tgt Ion: 42 Resp: 163598

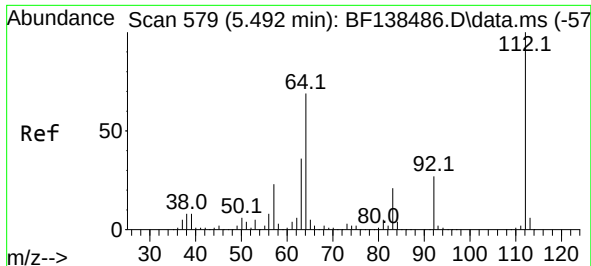
Ion Ratio Lower Upper

42 100

74 105.5 75.0 112.6

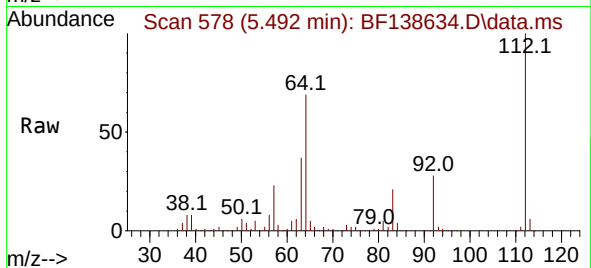
44 6.7 5.4 8.2





#5
2-Fluorophenol
Concen: 125.528 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

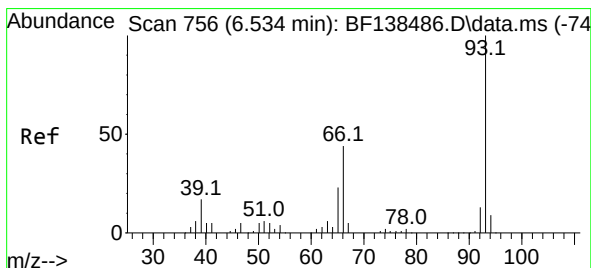
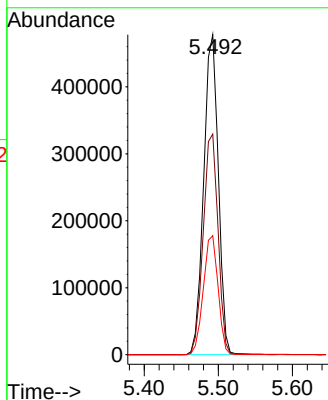
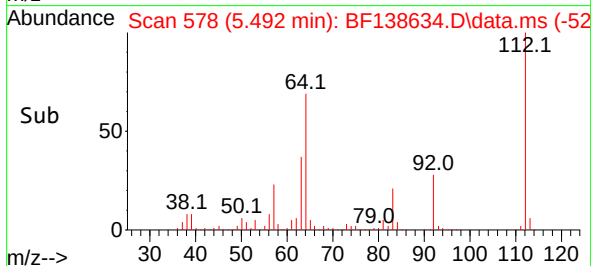
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Tgt Ion:112 Resp: 65679
Ion Ratio Lower Upper
112 100
64 68.9 55.1 82.7
63 37.2 29.0 43.6

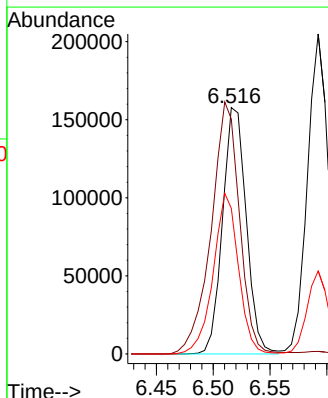
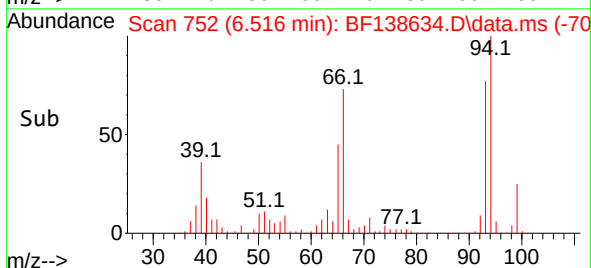
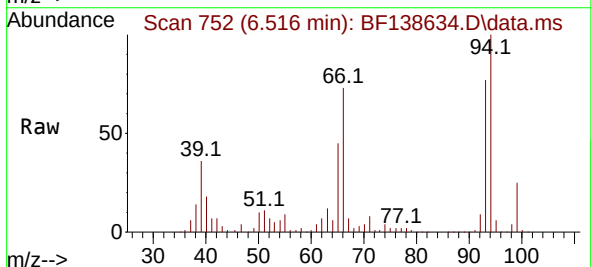
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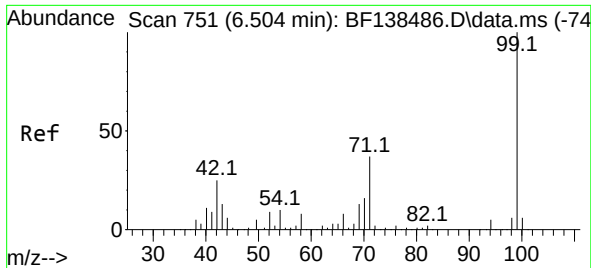
Reviewed By :Yogesh Patel 07/25/2024
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#6
Aniline
Concen: 35.129 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

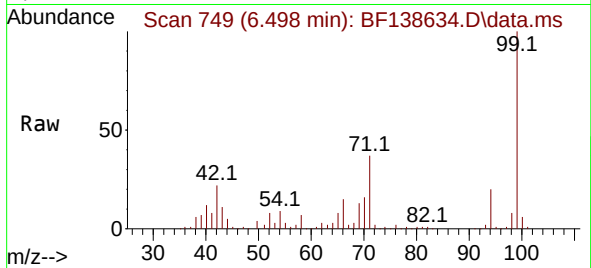
Tgt Ion: 93 Resp: 229020
Ion Ratio Lower Upper
93 100
66 95.3 35.4 53.0#
65 59.1 18.6 27.8#





#7
Phenol-d6
Concen: 126.364 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

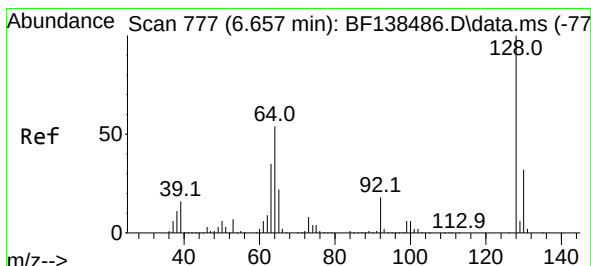
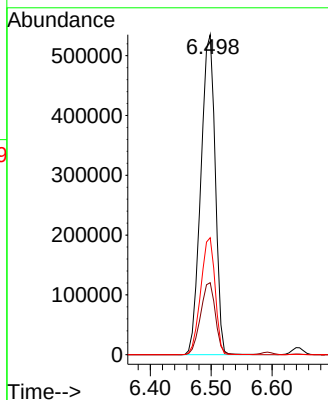
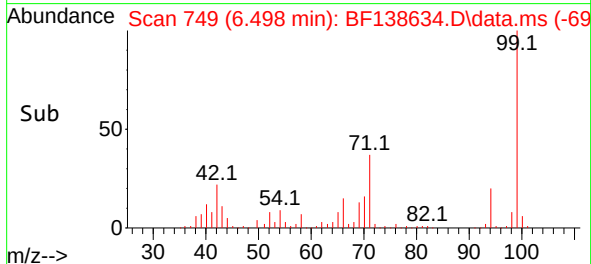
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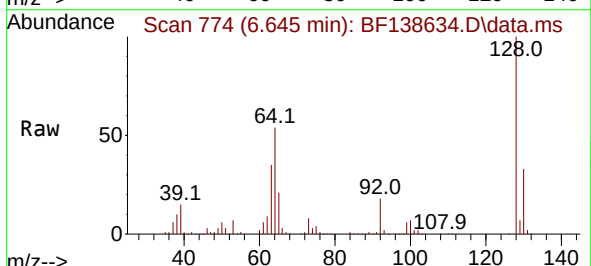
Tgt Ion: 99 Resp: 879549
Ion Ratio Lower Upper
99 100
42 22.5 19.7 29.5
71 36.6 29.9 44.9

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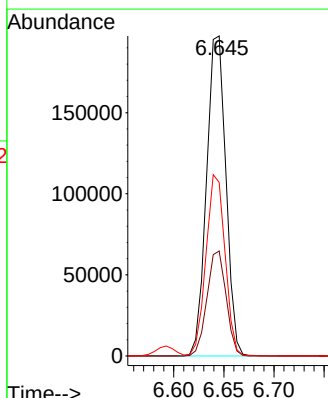
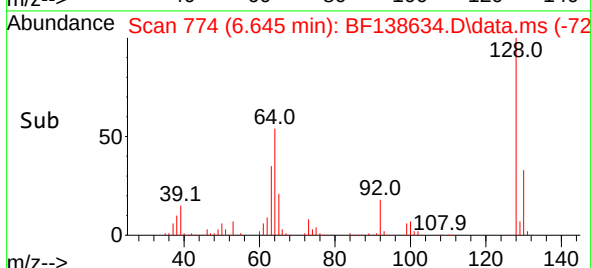
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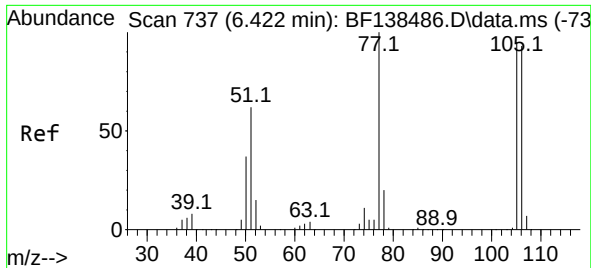


#8
2-Chlorophenol
Concen: 48.015 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01



Tgt Ion:128 Resp: 265648
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 54.2 34.4 74.4





#9

Benzaldehyde

Concen: 5.860 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF138634.D

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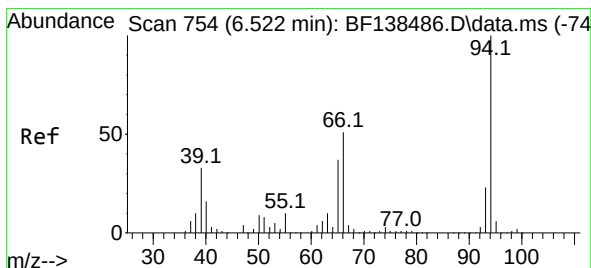
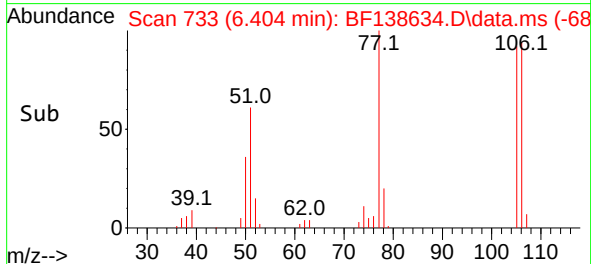
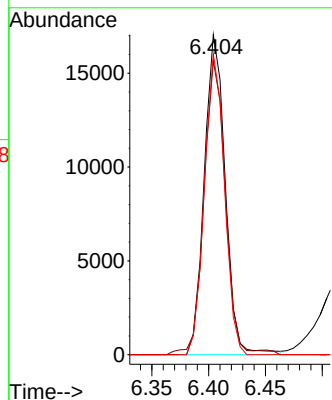
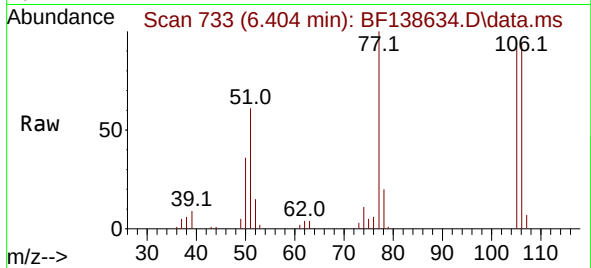
Tgt Ion: 77	Resp: 2183
Ion Ratio	Lower Upper
77 100	
105 91.9	75.1 115.1
106 93.9	73.2 113.2

Manual Integrations

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#10

Phenol

Concen: 45.981 ng

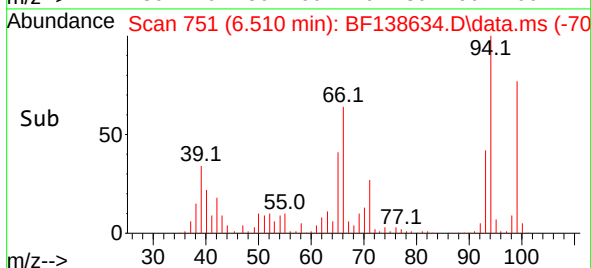
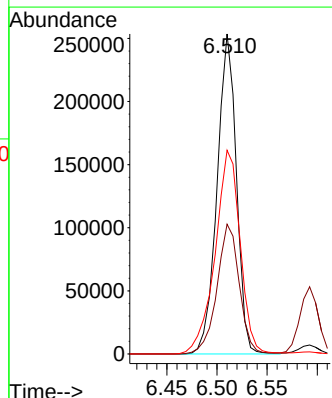
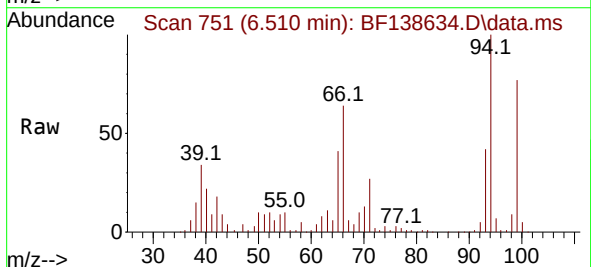
RT: 6.510 min Scan# 751

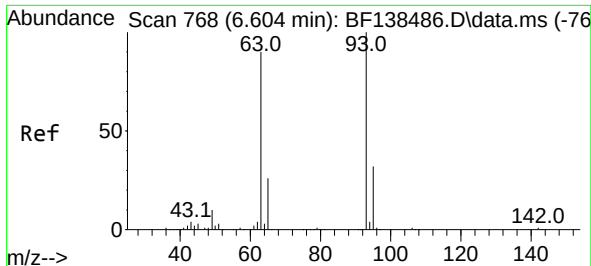
Delta R.T. -0.012 min

Lab File: BF138634.D

Acq: 24 Jul 2024 12:01

Tgt Ion: 94	Resp: 339714
Ion Ratio	Lower Upper
94 100	
65 40.6	16.7 56.7
66 63.7	31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 47.170 ng
RT: 6.592 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

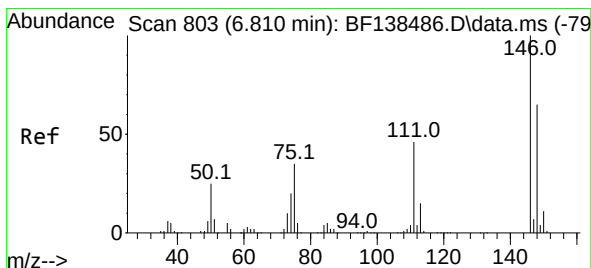
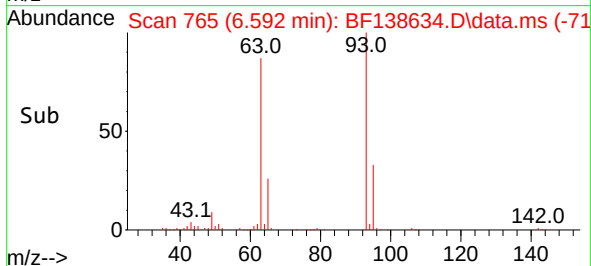
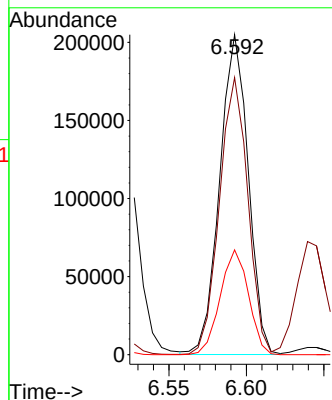
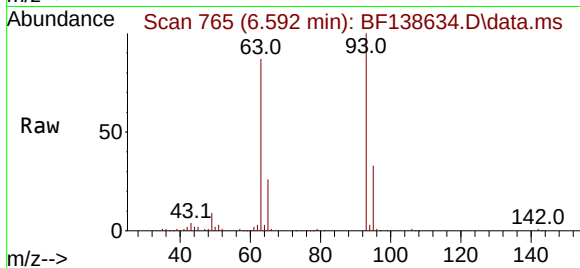
ClientSampleId :

PB162159BS

Tgt Ion: 93 Resp: 26238
Ion Ratio Lower Upper
93 100
63 86.6 68.8 108.8
95 32.7 11.8 51.8

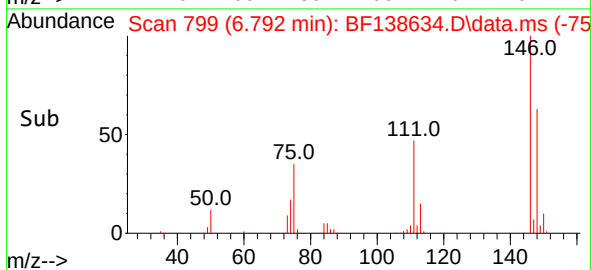
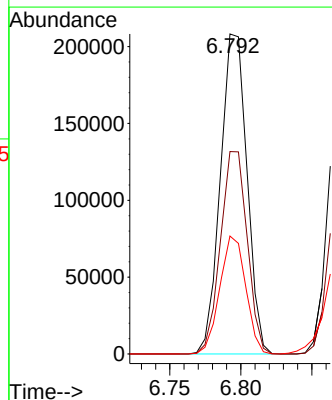
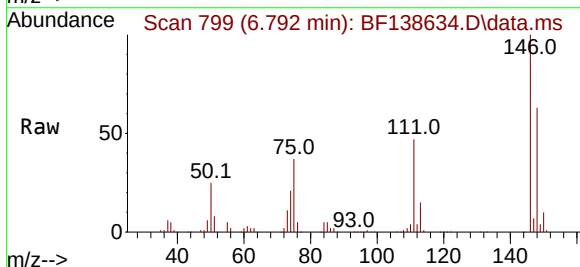
Manual Integrations
APPROVED

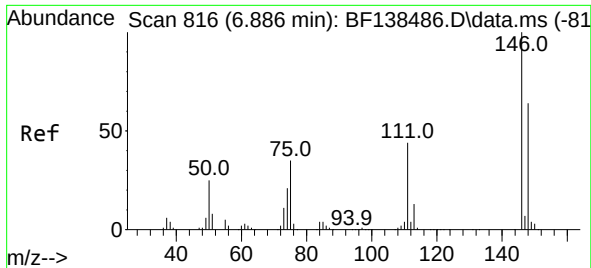
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#12
1,3-Dichlorobenzene
Concen: 43.635 ng
RT: 6.792 min Scan# 799
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:146 Resp: 271357
Ion Ratio Lower Upper
146 100
148 63.2 52.4 78.6
75 36.9 27.8 41.8





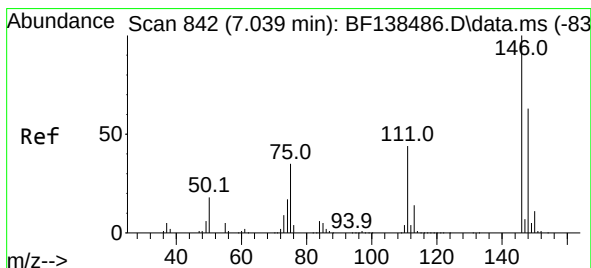
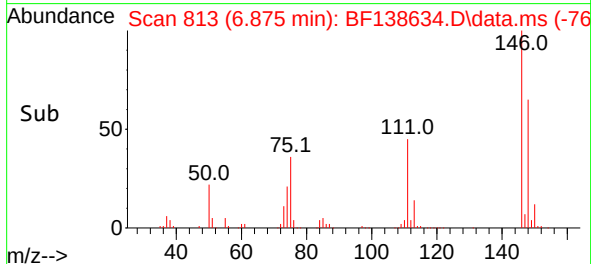
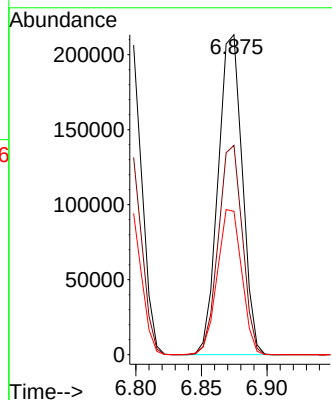
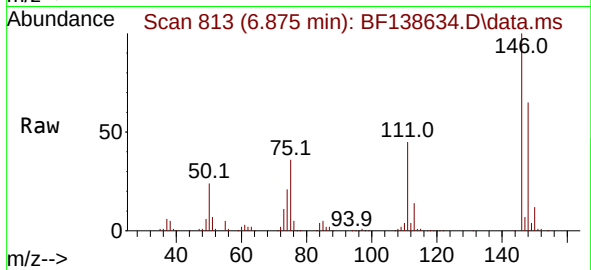
#13
1,4-Dichlorobenzene
Concen: 43.364 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :
BNA_F
ClientSampleId :
PB162159BS

Tgt Ion:146 Resp: 273849
Ion Ratio Lower Upper
146 100
148 65.4 51.6 77.4
111 44.8 34.9 52.3

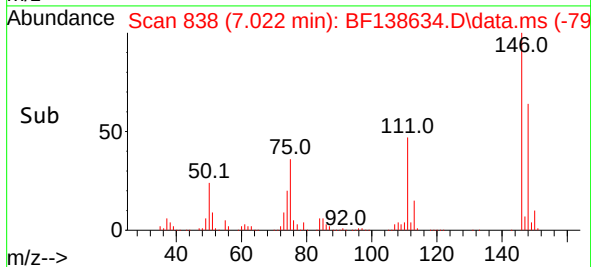
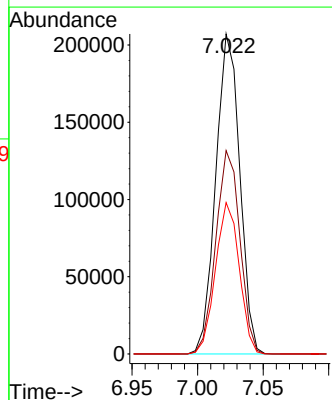
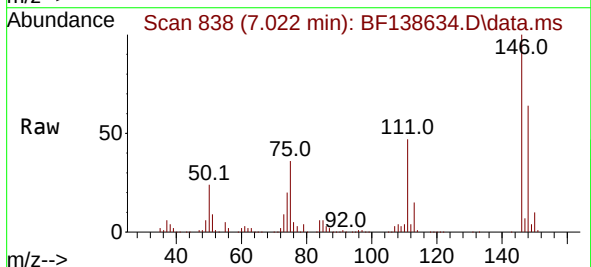
Manual Integrations
APPROVED

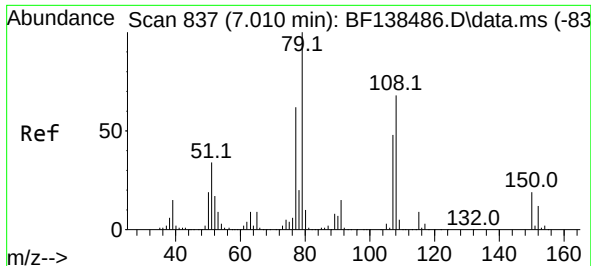
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#14
1,2-Dichlorobenzene
Concen: 44.816 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:146 Resp: 263593
Ion Ratio Lower Upper
146 100
148 63.6 50.1 75.1
111 47.3 35.5 53.3





#15
Benzyl Alcohol
Concen: 47.550 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

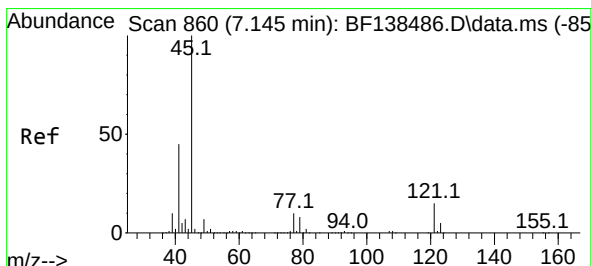
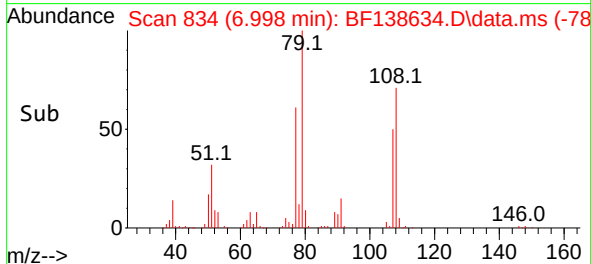
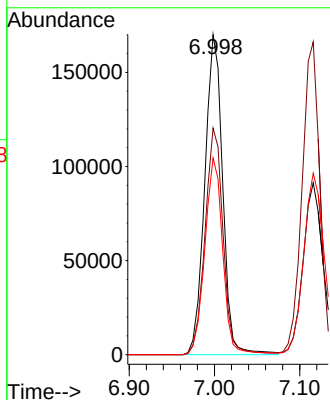
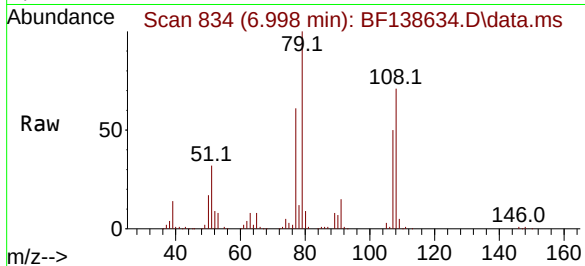
ClientSampleId :

PB162159BS

Tgt Ion: 79 Resp: 24838
Ion Ratio Lower Upper
79 100
108 70.8 54.3 81.5
77 61.5 50.0 75.0

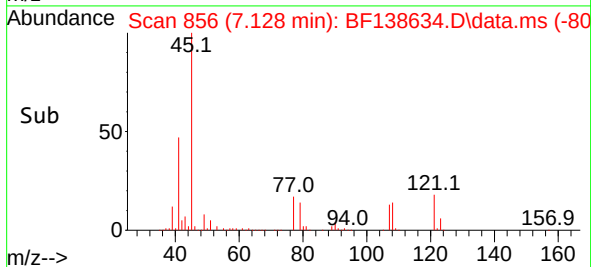
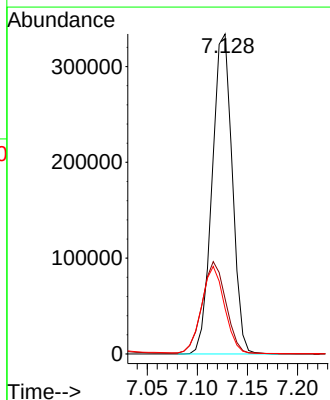
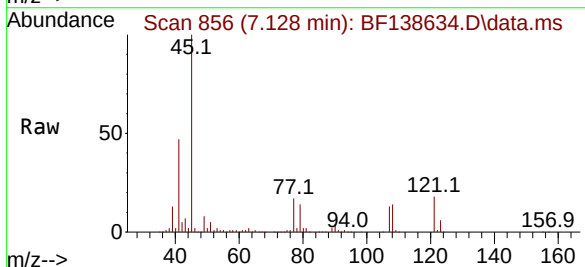
Manual Integrations
APPROVED

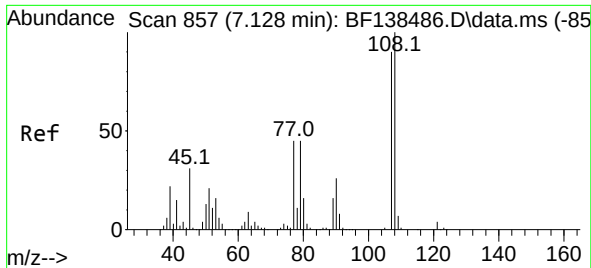
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.506 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion: 45 Resp: 464968
Ion Ratio Lower Upper
45 100
77 17.3 0.0 30.4
79 14.2 0.0 28.1





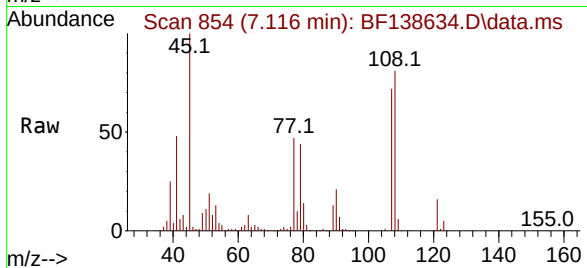
#17
2-Methylphenol
Concen: 46.719 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB162159BS

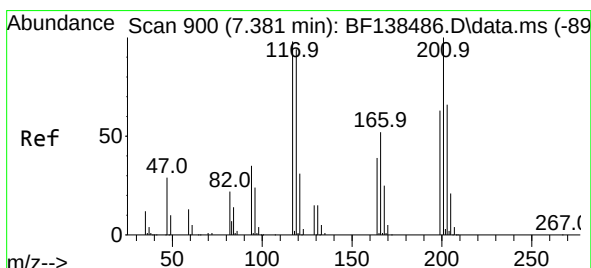
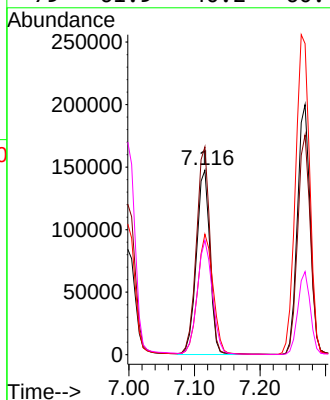
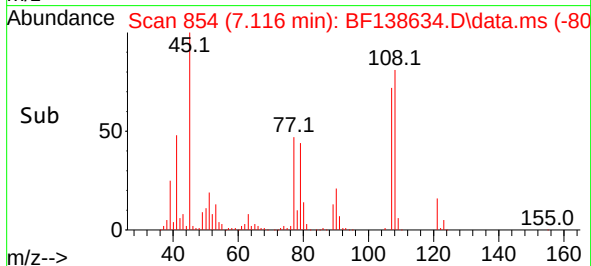


Tgt Ion:107 Resp: 21183
Ion Ratio Lower Upper
107 100
108 112.7 89.0 133.4
77 65.4 40.3 60.5
79 61.9 40.2 60.4#

Manual Integrations

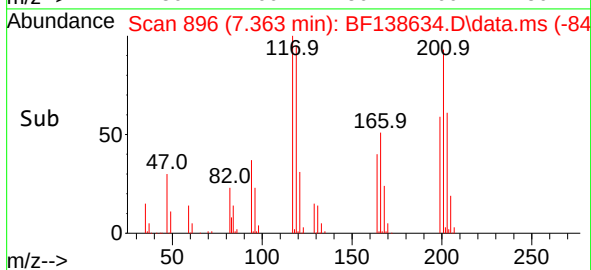
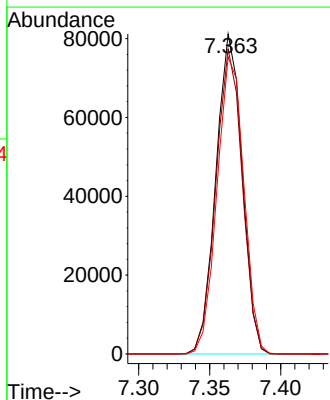
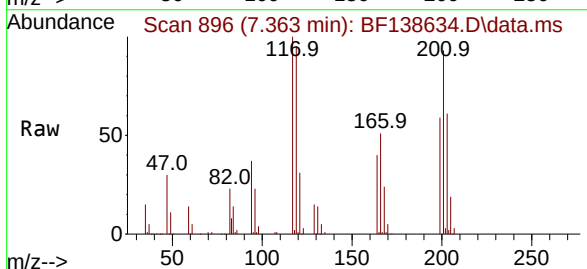
APPROVED

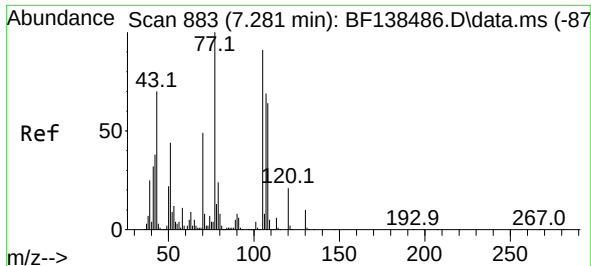
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#18
Hexachloroethane
Concen: 45.049 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:117 Resp: 104586
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
201 92.9 81.4 122.0





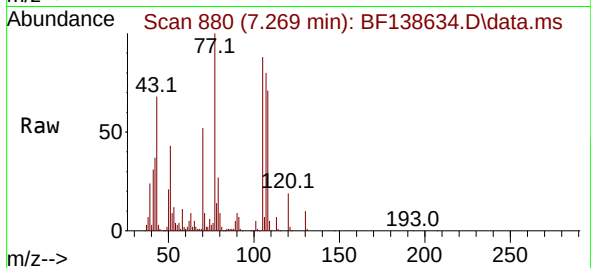
#19
n-Nitroso-di-n-propylamine
Concen: 47.223 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB162159BS



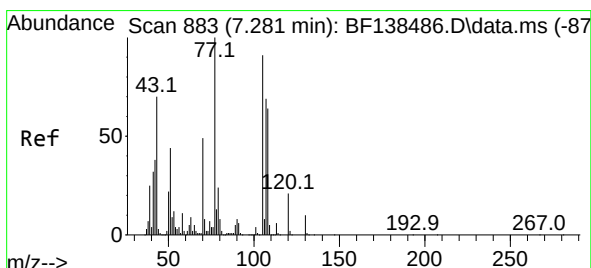
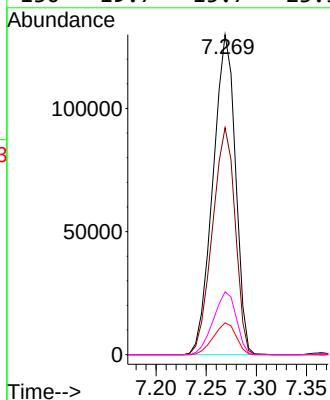
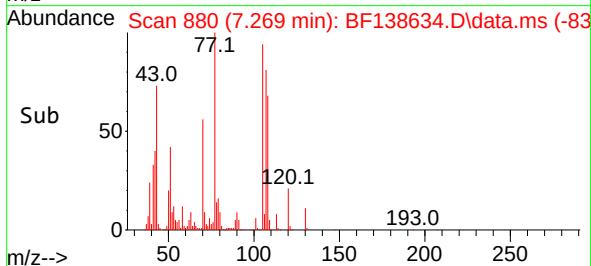
Tgt Ion: 70 Resp: 203098
Ion Ratio Lower Upper
70 100
42 71.0 62.4 93.6
101 9.9 7.2 10.8
130 19.7 15.7 23.5

Manual Integrations

APPROVED

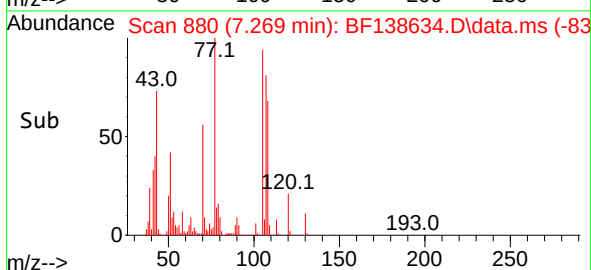
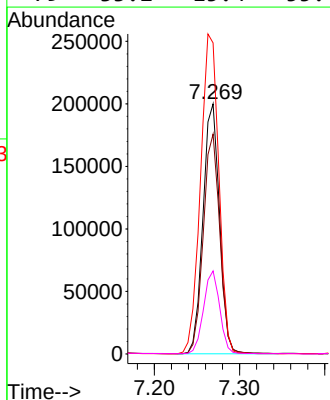
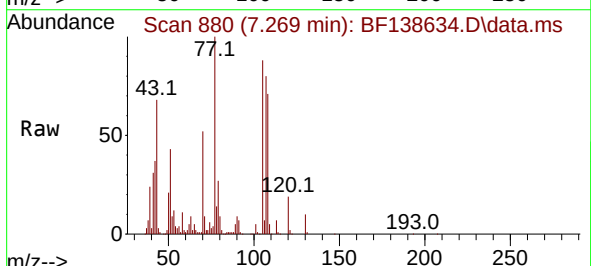
Reviewed By :Yogesh Patel 07/25/2024

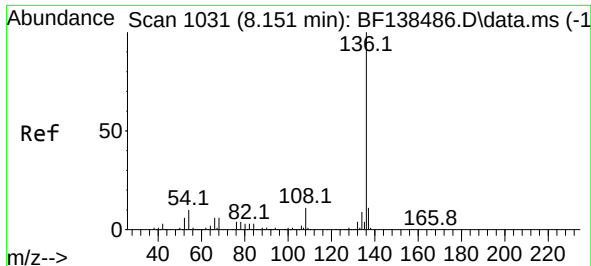
Supervised By :mohammad ahmed 07/25/2024



#20
3+4-Methylphenols
Concen: 47.151 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:107 Resp: 269223
Ion Ratio Lower Upper
107 100
108 87.9 73.7 113.7
77 124.4 126.0 166.0#
79 33.2 15.4 55.4





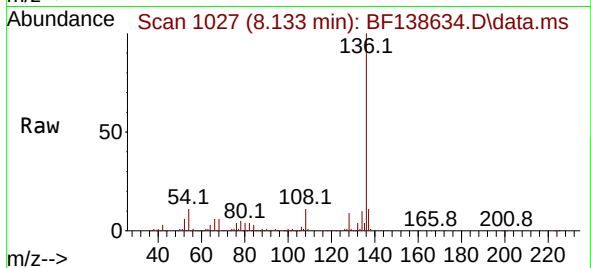
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB162159BS



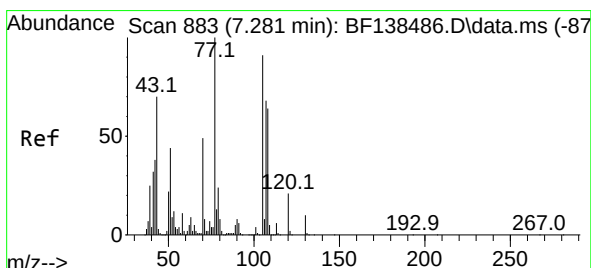
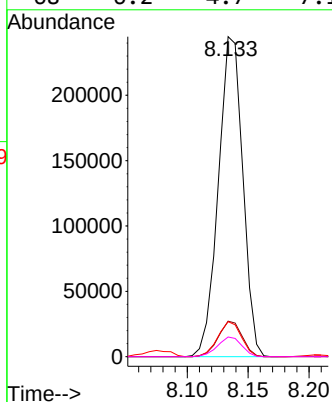
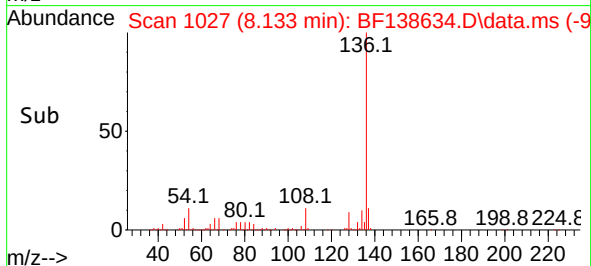
Tgt Ion:136 Resp: 342224
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.9 8.1 12.1
68 6.2 4.7 7.1

Manual Integrations

APPROVED

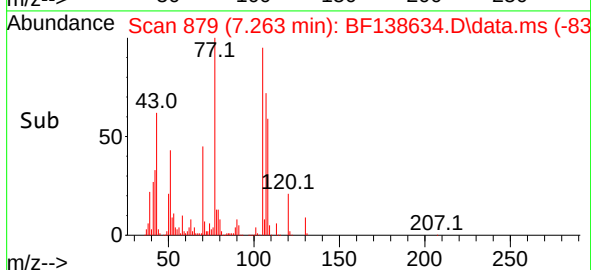
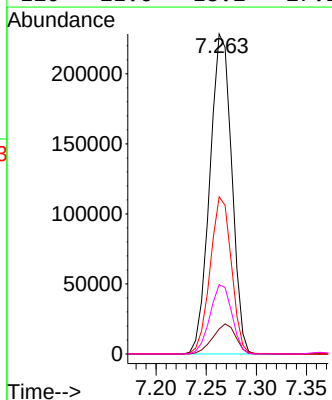
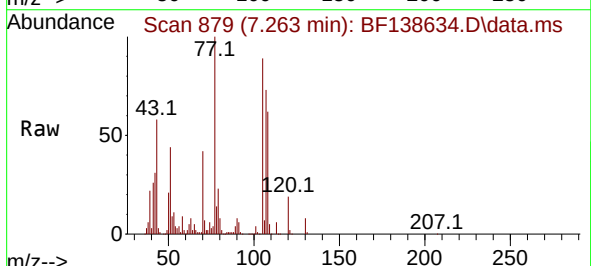
Reviewed By :Yogesh Patel 07/25/2024

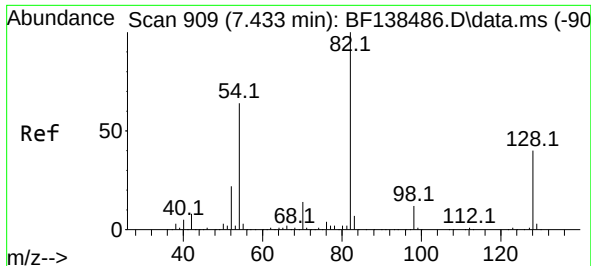
Supervised By :mohammad ahmed 07/25/2024



#22
Acetophenone
Concen: 41.853 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:105 Resp: 347864
Ion Ratio Lower Upper
105 100
71 7.8 7.4 11.2
51 49.1 38.7 58.1
120 21.6 18.2 27.2





#23

Nitrobenzene-d5

Concen: 83.390 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138634.D

Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

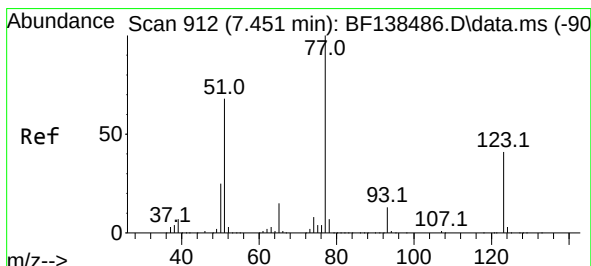
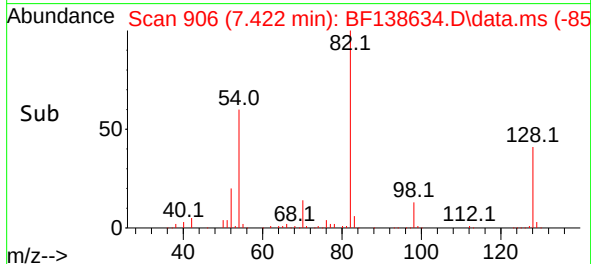
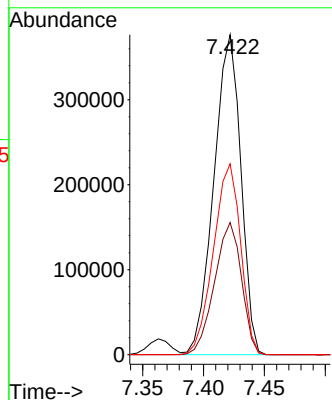
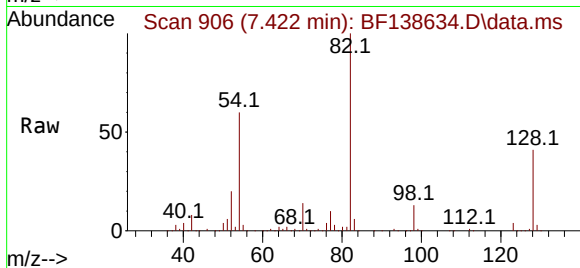
ClientSampleId :

PB162159BS

Tgt Ion: 82 Resp: 581249
 Ion Ratio Lower Upper
 82 100
 128 41.3 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: 43.526 ng

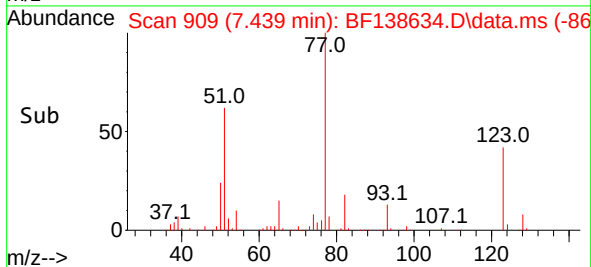
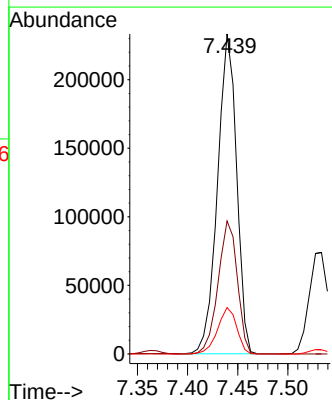
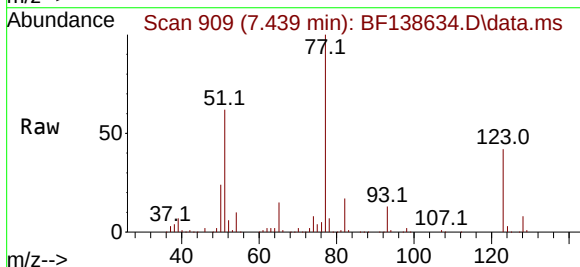
RT: 7.439 min Scan# 909

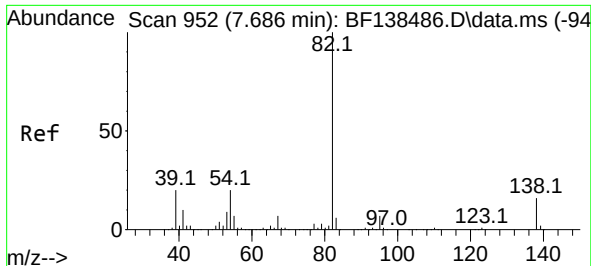
Delta R.T. -0.012 min

Lab File: BF138634.D

Acq: 24 Jul 2024 12:01

Tgt Ion: 77 Resp: 308312
 Ion Ratio Lower Upper
 77 100
 123 41.5 32.4 48.6
 65 14.5 11.8 17.8





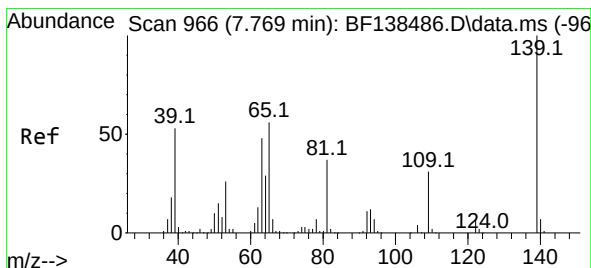
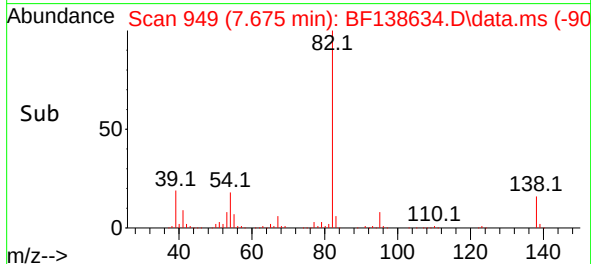
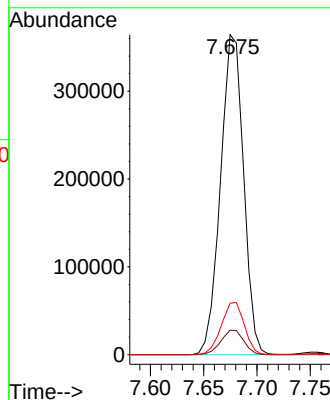
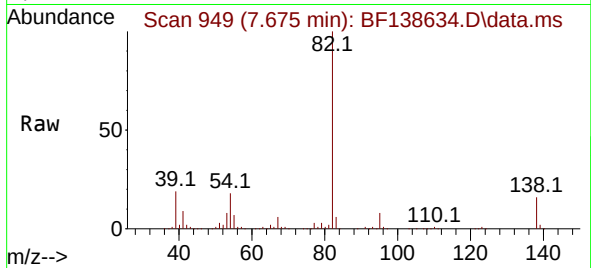
#25
Isophorone
Concen: 45.791 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :
BNA_F
ClientSampleId :
PB162159BS

Tgt Ion: 82 Resp: 54812
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 16.1 12.8 19.2

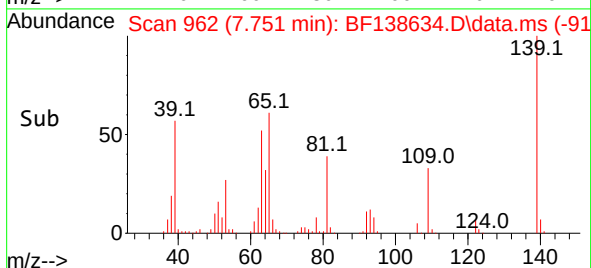
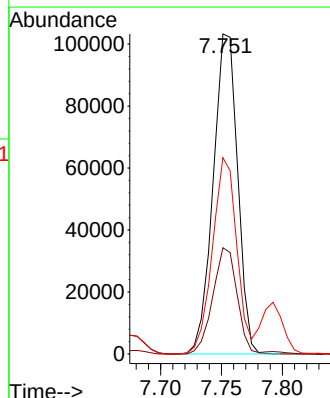
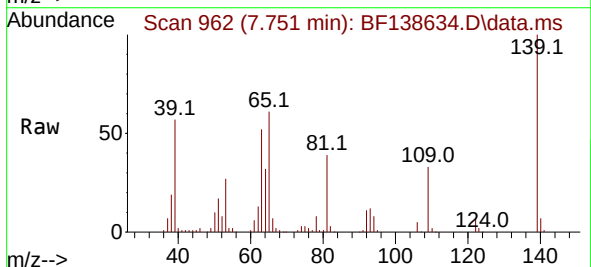
Manual Integrations
APPROVED

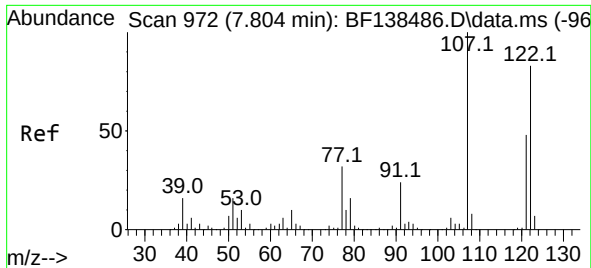
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#26
2-Nitrophenol
Concen: 47.514 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:139 Resp: 144248
Ion Ratio Lower Upper
139 100
109 33.2 24.8 37.2
65 61.3 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 48.795 ng m

RT: 7.792 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF138634.D

Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB162159BS

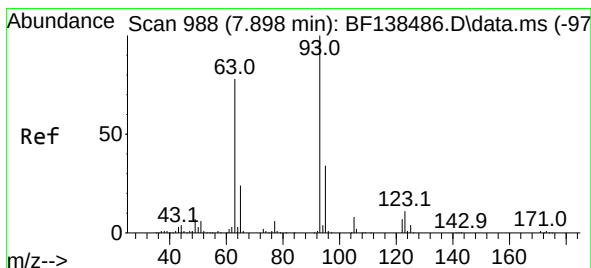
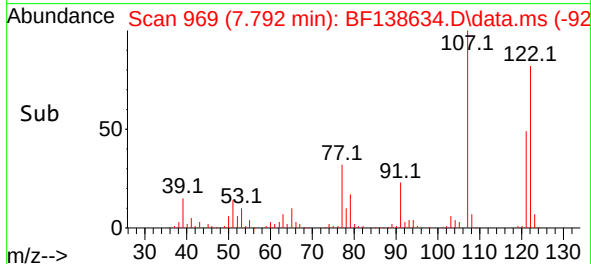
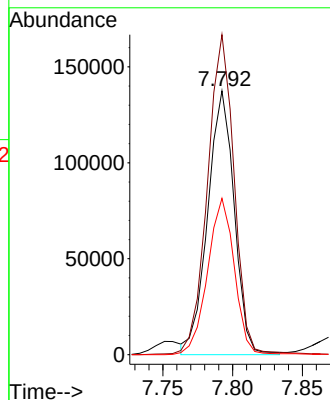
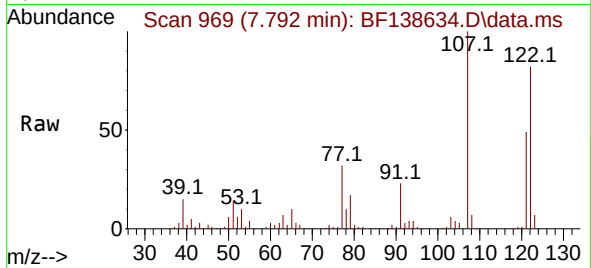
Tgt Ion:122 Resp: 18207
 Ion Ratio Lower Upper
 122 100
 107 121.3 96.3 144.5
 121 59.3 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.572 ng

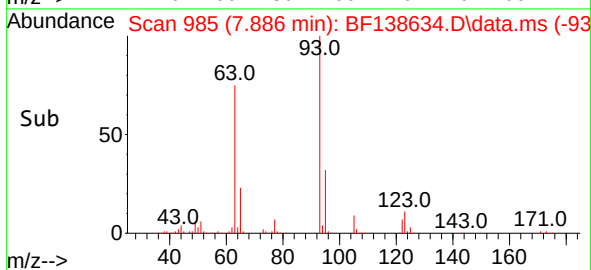
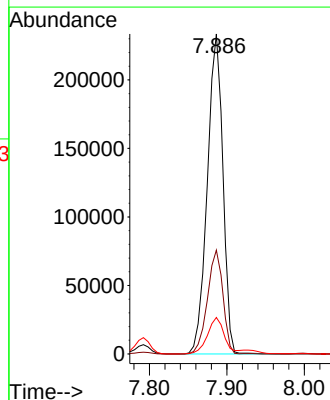
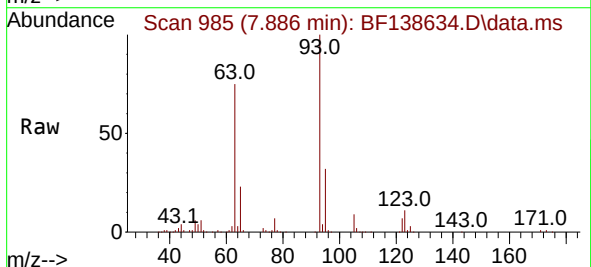
RT: 7.886 min Scan# 985

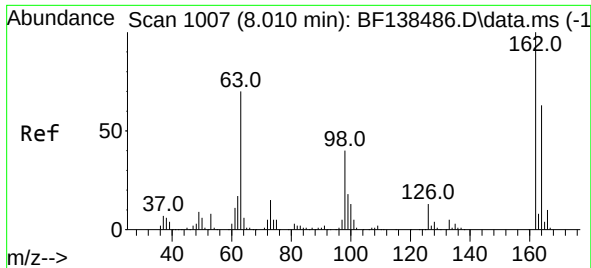
Delta R.T. -0.012 min

Lab File: BF138634.D

Acq: 24 Jul 2024 12:01

Tgt Ion: 93 Resp: 326014
 Ion Ratio Lower Upper
 93 100
 95 32.5 27.0 40.6
 123 11.4 9.1 13.7





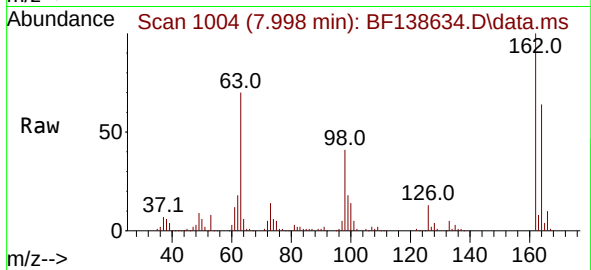
#29
2,4-Dichlorophenol
Concen: 44.597 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB162159BS



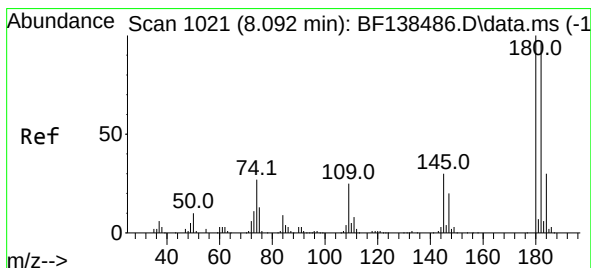
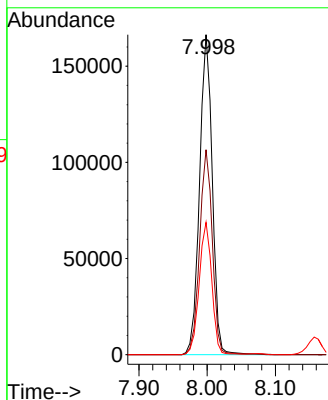
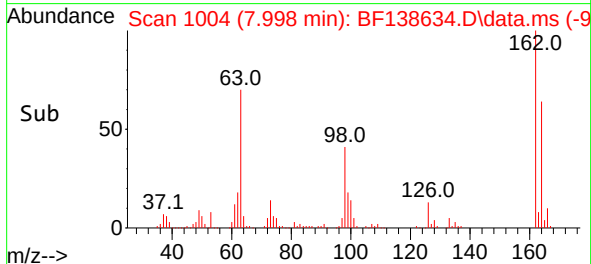
Tgt Ion:162 Resp: 21609
Ion Ratio Lower Upper
162 100
164 64.1 42.6 82.6
98 41.4 20.1 60.1

Manual Integrations

APPROVED

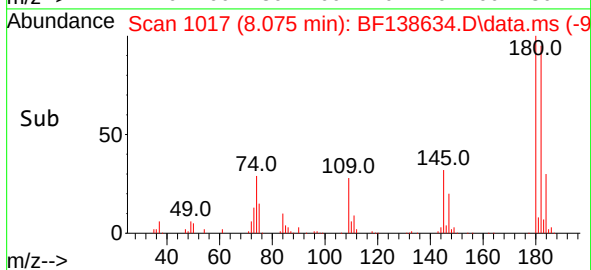
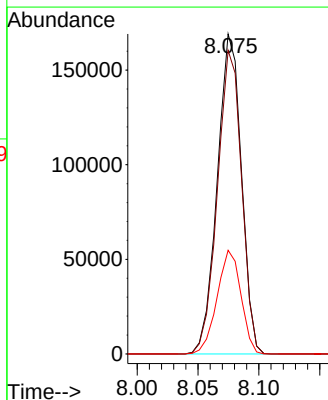
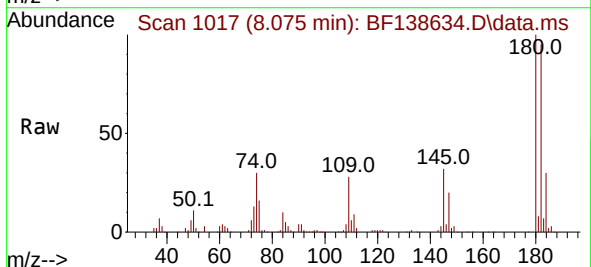
Reviewed By :Yogesh Patel 07/25/2024

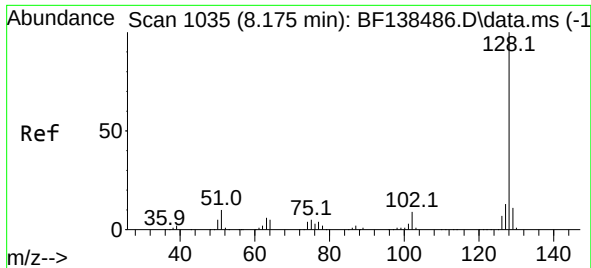
Supervised By :mohammad ahmed 07/25/2024



#30
1,2,4-Trichlorobenzene
Concen: 41.273 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:180 Resp: 232969
Ion Ratio Lower Upper
180 100
182 94.9 76.9 115.3
145 32.4 23.9 35.9





#31
Naphthalene
Concen: 43.856 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

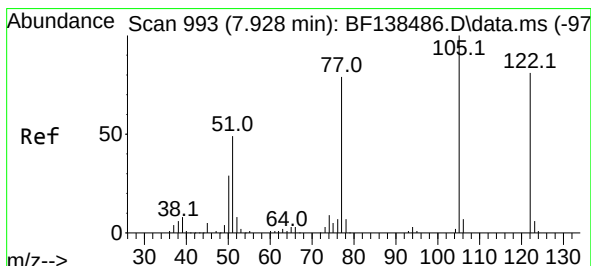
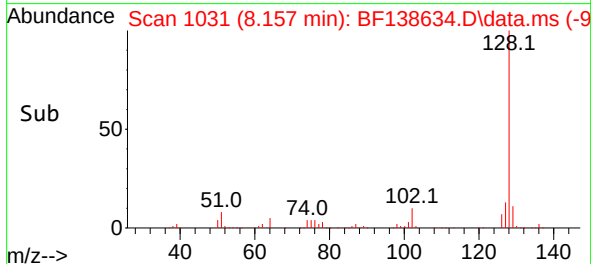
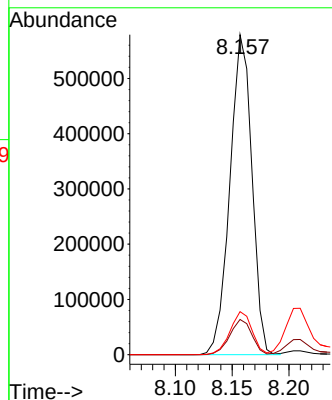
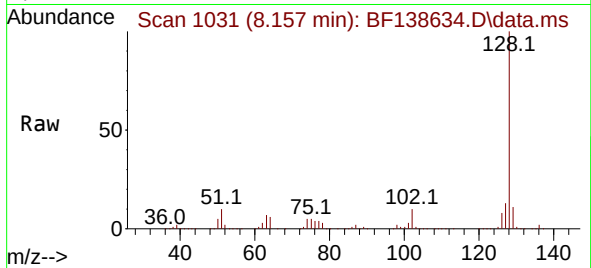
PB162159BS

Tgt Ion:128 Resp: 78056
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.7 16.1

Manual Integrations

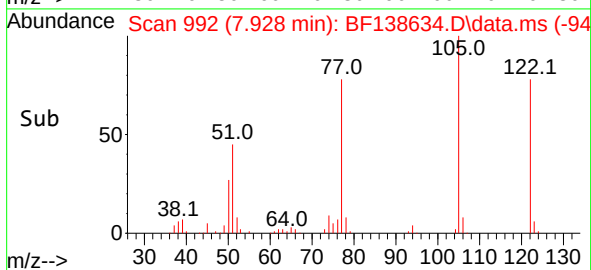
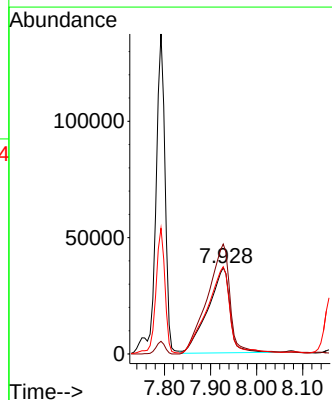
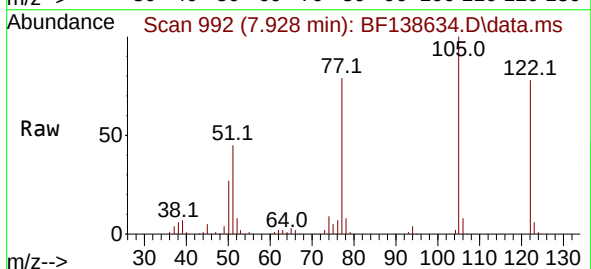
APPROVED

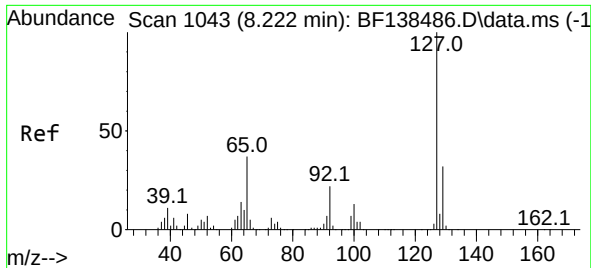
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#32
Benzoic acid
Concen: 34.297 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:122 Resp: 122058
Ion Ratio Lower Upper
122 100
105 127.4 101.5 141.5
77 101.2 77.3 117.3





#33
4-Chloroaniline
Concen: 23.893 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

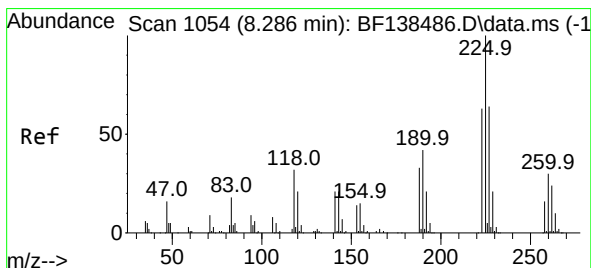
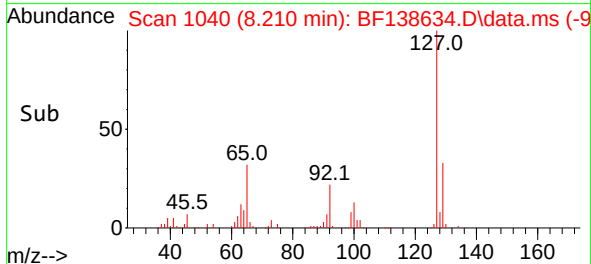
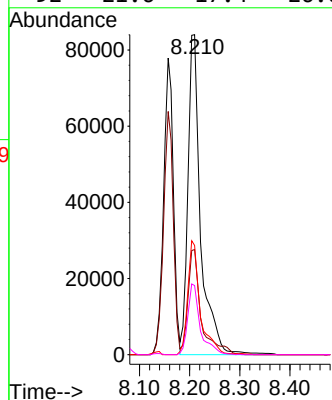
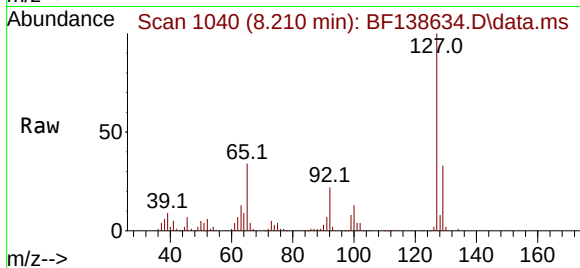
ClientSampleId :

PB162159BS

Tgt Ion:127 Resp: 14921
Ion Ratio Lower Upper
127 100
129 32.9 25.6 38.4
65 34.1 29.6 44.4
92 21.6 17.4 26.0

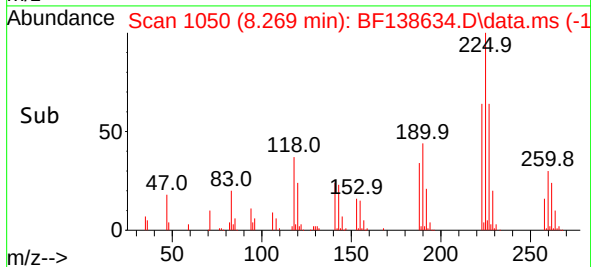
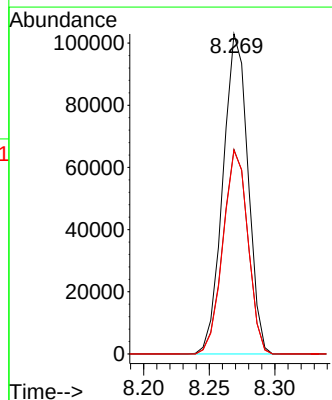
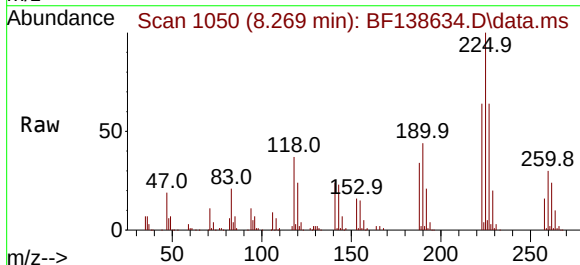
Manual Integrations
APPROVED

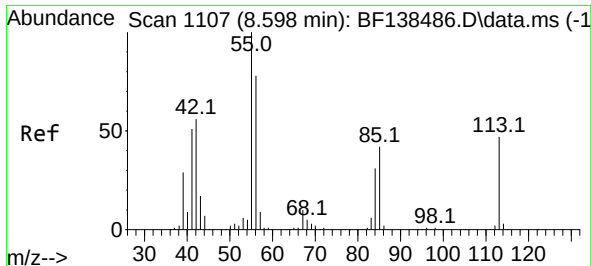
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#34
Hexachlorobutadiene
Concen: 39.227 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:225 Resp: 136350
Ion Ratio Lower Upper
225 100
223 63.9 50.0 75.0
227 63.6 51.0 76.6





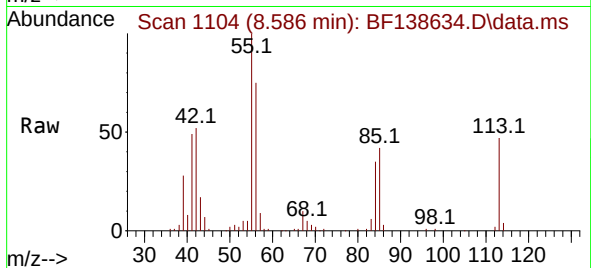
#35
 Caprolactam
 Concen: 43.303 ng m
 RT: 8.586 min Scan# 1107
 Delta R.T. -0.012 min
 Lab File: BF138634.D
 Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

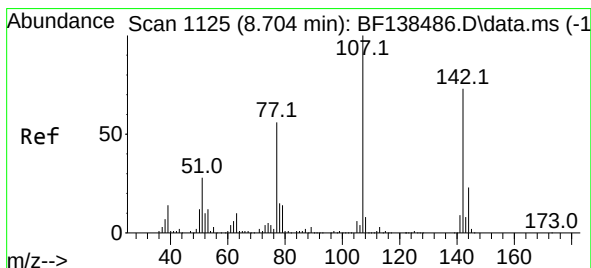
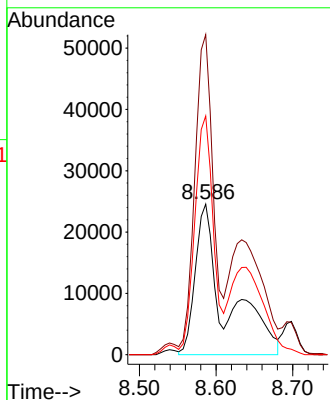
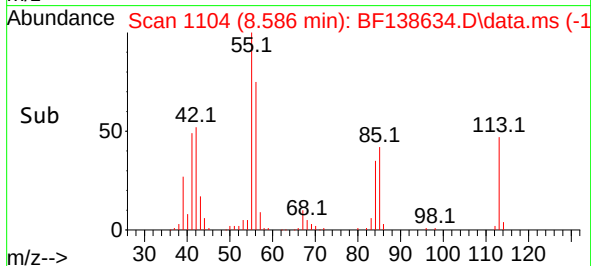
PB162159BS



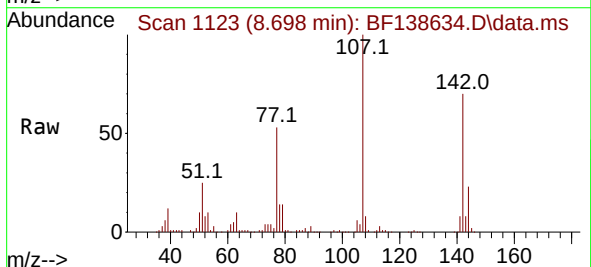
Tgt Ion:113 Resp: 6770
 Ion Ratio Lower Upper
 113 100
 55 212.5 192.5 232.5
 56 158.5 145.3 185.3

Manual Integrations
 APPROVED

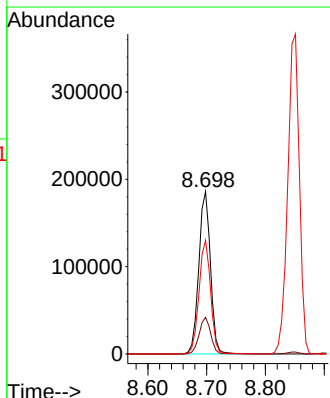
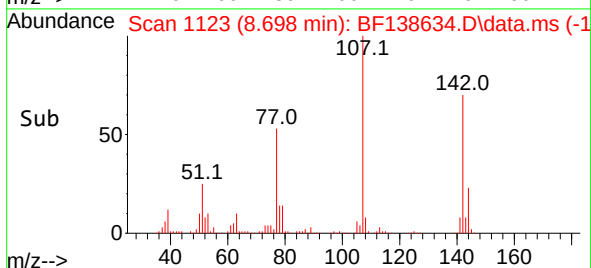
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

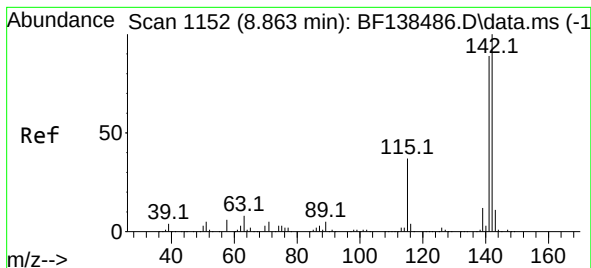


#36
 4-Chloro-3-methylphenol
 Concen: 47.187 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: BF138634.D
 Acq: 24 Jul 2024 12:01



Tgt Ion:107 Resp: 255972
 Ion Ratio Lower Upper
 107 100
 144 22.6 18.6 27.8
 142 69.9 58.6 88.0





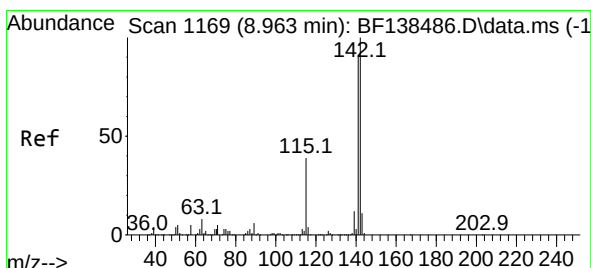
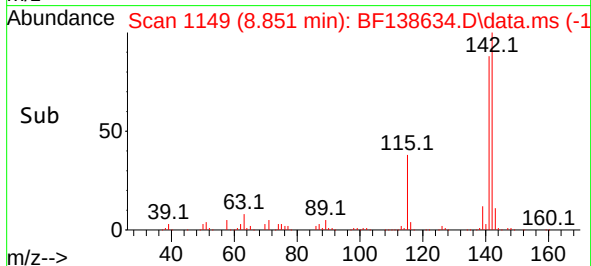
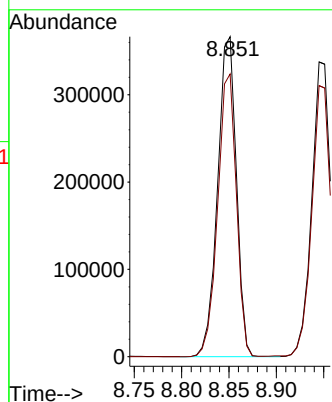
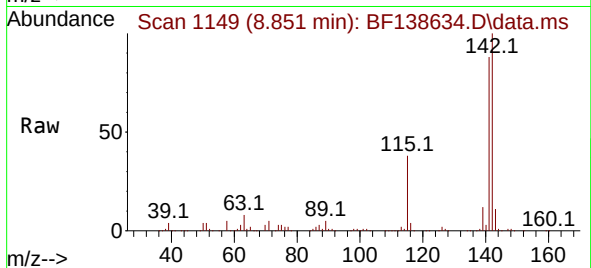
#37
2-Methylnaphthalene
Concen: 44.074 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :
BNA_F
ClientSampleId :
PB162159BS

Tgt Ion:142 Resp: 50481
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0

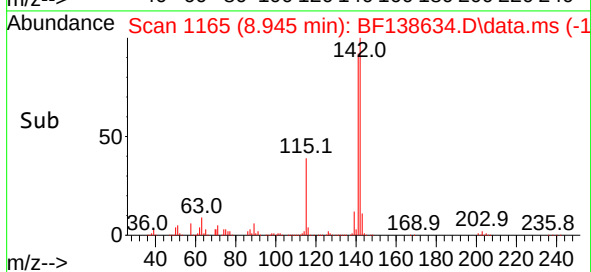
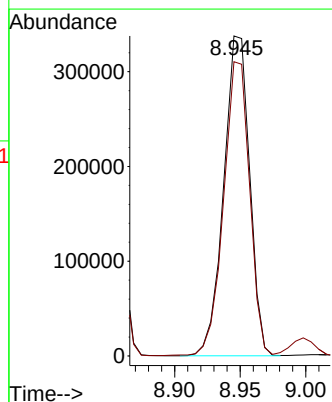
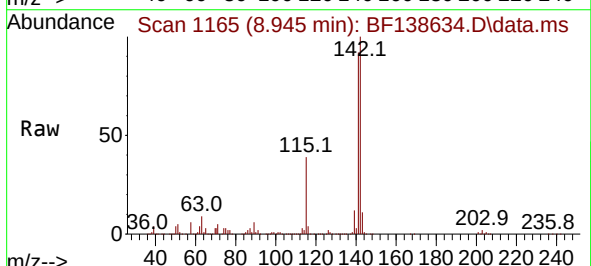
Manual Integrations
APPROVED

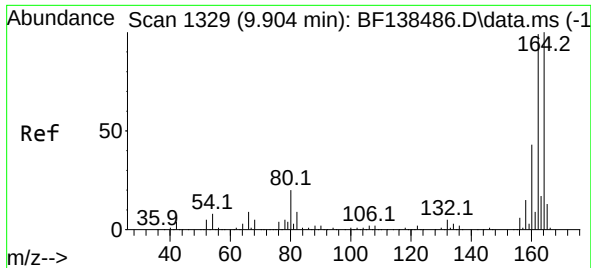
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#38
1-Methylnaphthalene
Concen: 41.539 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:142 Resp: 464339
Ion Ratio Lower Upper
142 100
141 92.0 72.6 108.8





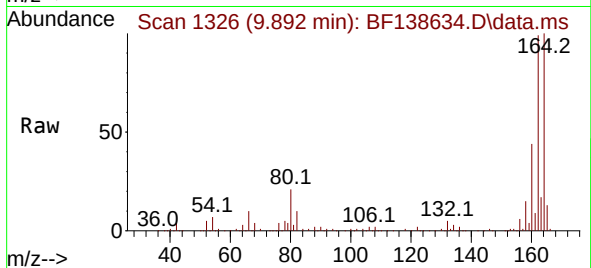
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB162159BS



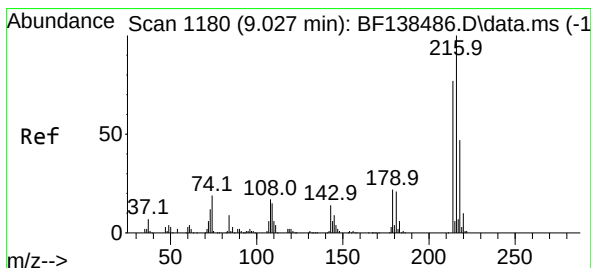
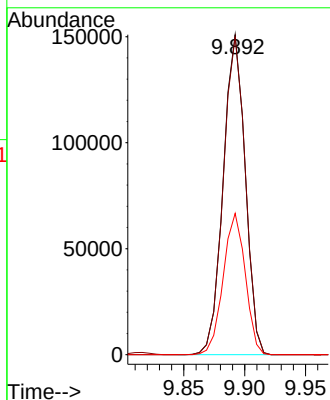
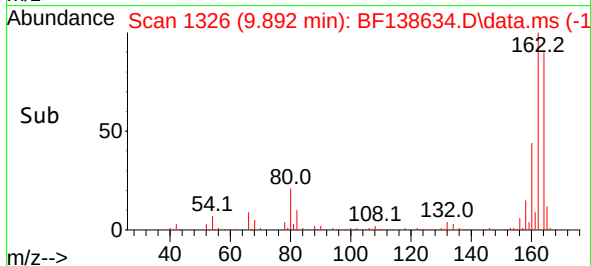
Tgt Ion:164 Resp: 189702
Ion Ratio Lower Upper
164 100
162 99.3 79.0 118.6
160 44.2 34.4 51.6

Manual Integrations

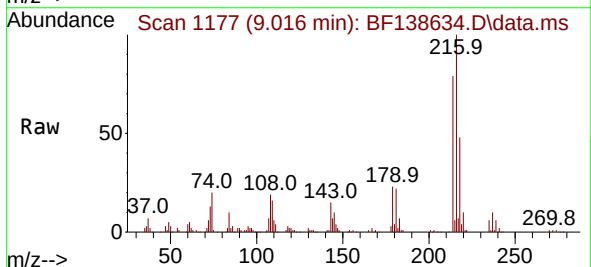
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

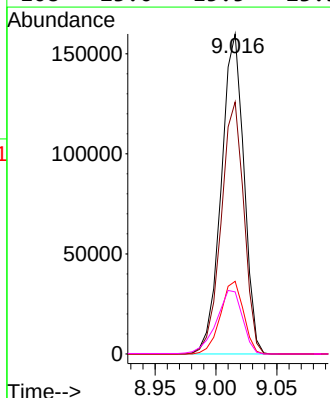
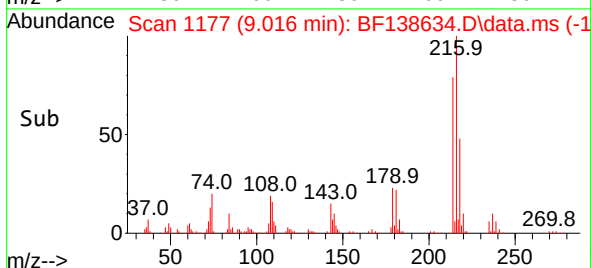
Supervised By :mohammad ahmed 07/25/2024

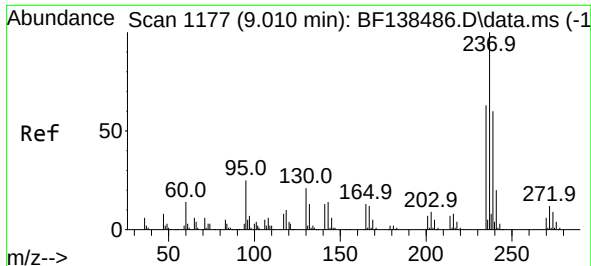


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.224 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01



Tgt Ion:216 Resp: 207382
Ion Ratio Lower Upper
216 100
214 78.8 62.8 94.2
179 23.0 17.7 26.5
108 23.0 15.5 23.3





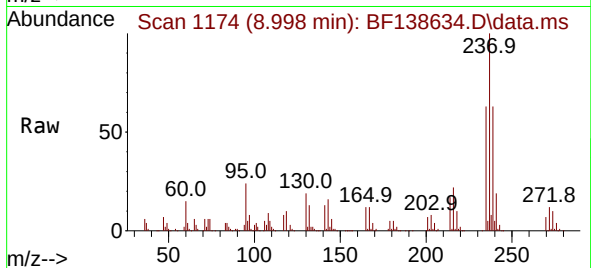
#41
Hexachlorocyclopentadiene
Concen: 113.485 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB162159BS

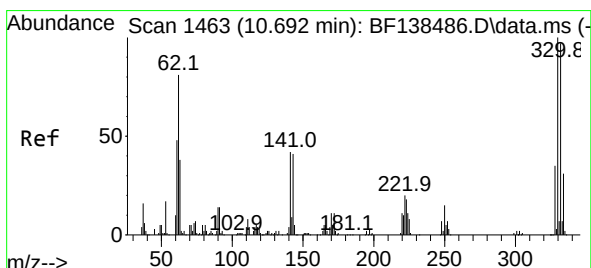
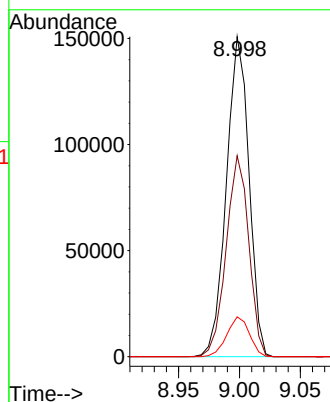
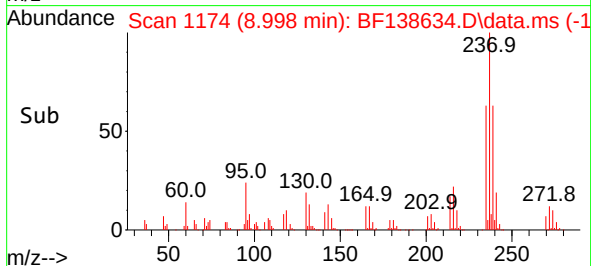


Tgt Ion:237 Resp: 19475
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 12.4 0.0 32.3

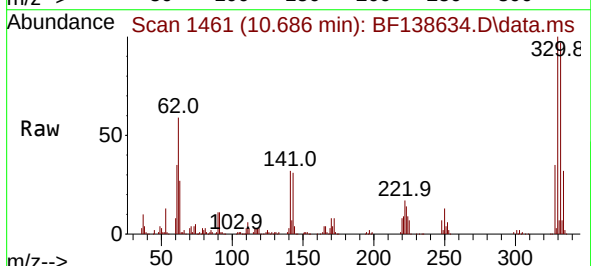
Manual Integrations

APPROVED

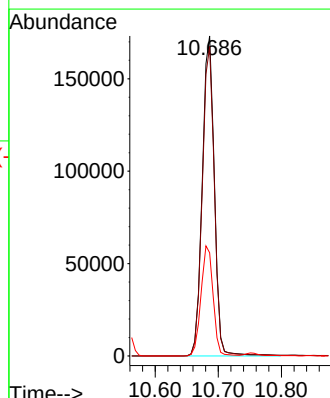
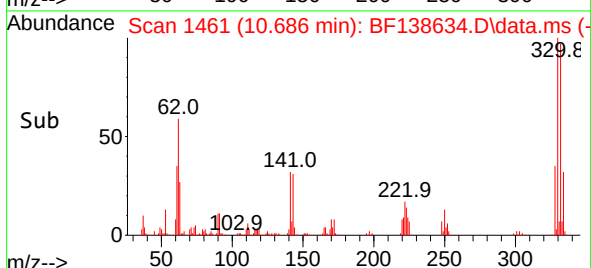
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

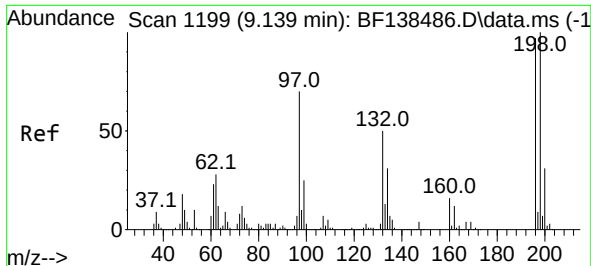


#42
2,4,6-Tribromophenol
Concen: 129.940 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01



Tgt Ion:330 Resp: 230378
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 34.5 29.4 44.2





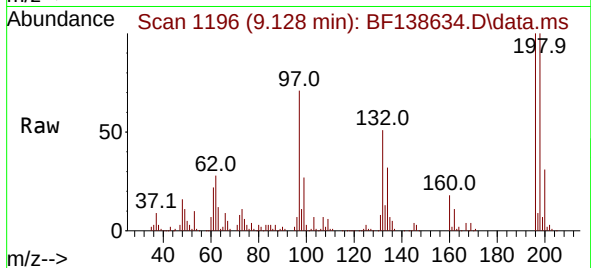
#43
2,4,6-Trichlorophenol
Concen: 43.389 ng
RT: 9.128 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB162159BS



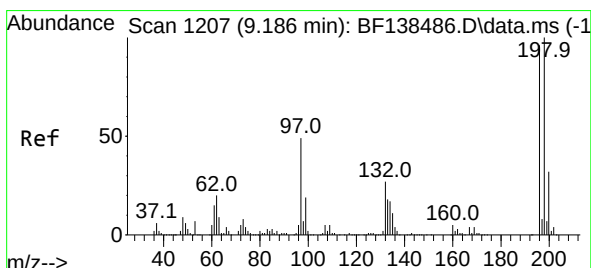
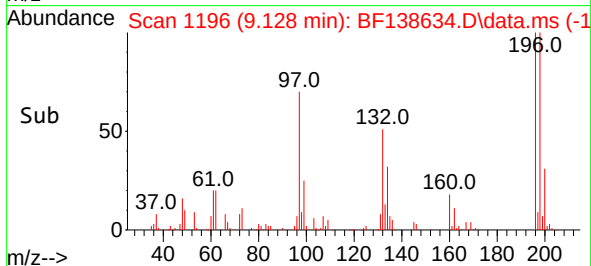
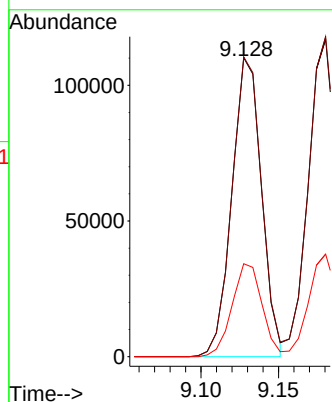
Tgt Ion:196 Resp: 146333
Ion Ratio Lower Upper
196 100
198 100.3 82.3 123.5
200 31.1 25.8 38.6

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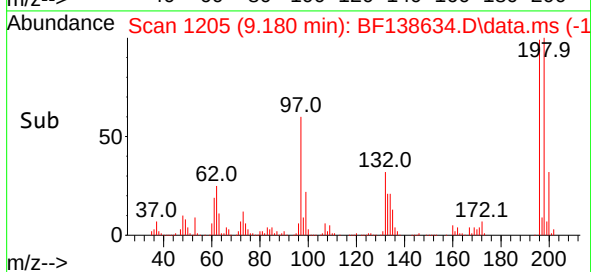
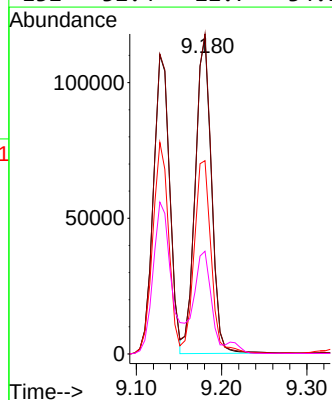
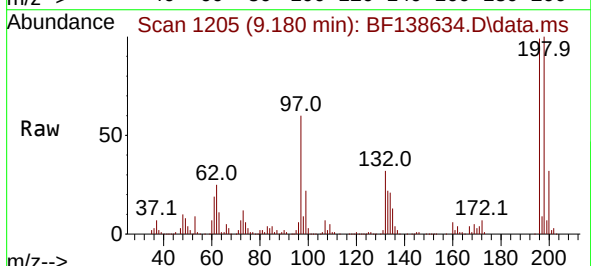
Reviewed By :Yogesh Patel 07/25/2024

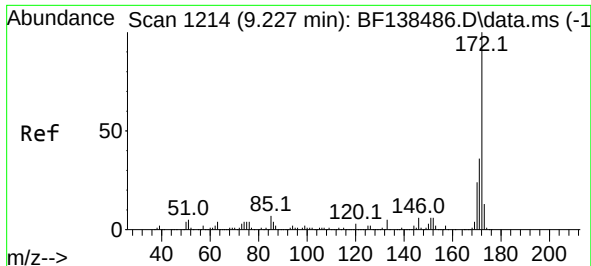
Supervised By :mohammad ahmed 07/25/2024



#44
2,4,5-Trichlorophenol
Concen: 41.436 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

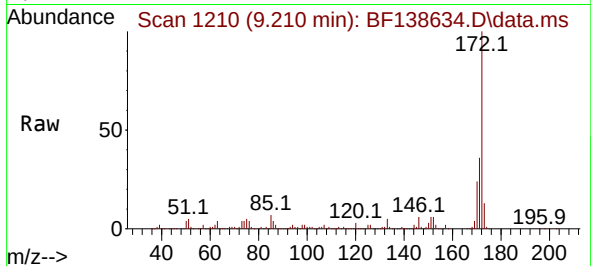
Tgt Ion:196 Resp: 153704
Ion Ratio Lower Upper
196 100
198 100.8 82.8 124.2
97 60.9 41.0 61.4
132 32.4 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 81.289 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

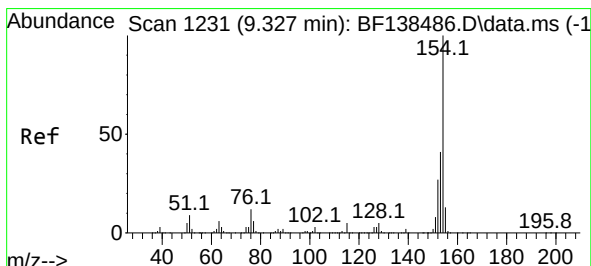
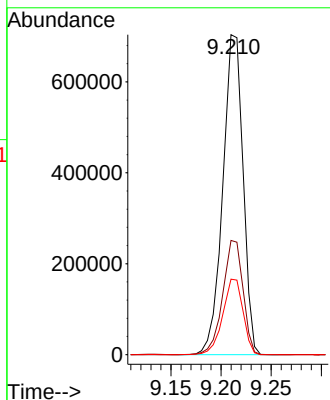
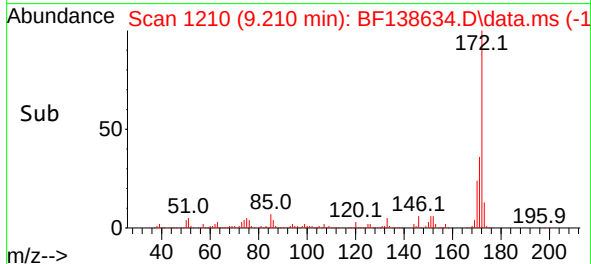
Instrument :
BNA_F
ClientSampleId :
PB162159BS



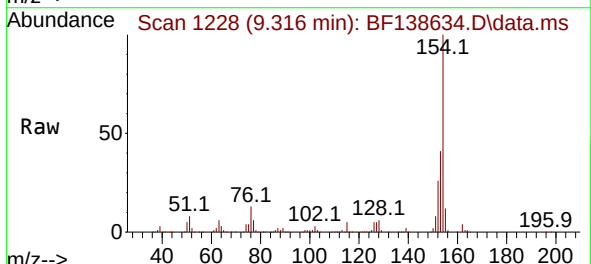
Tgt Ion:172 Resp: 986670
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.6 18.9 28.3

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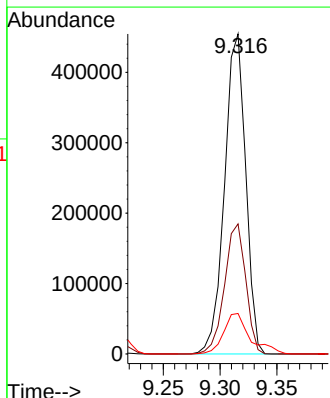
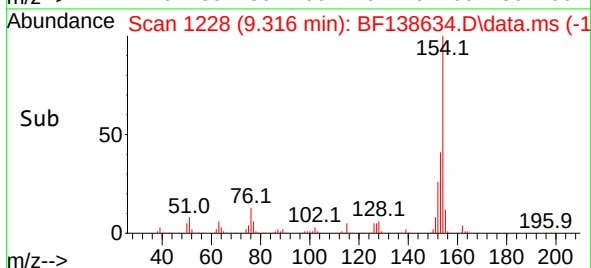
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

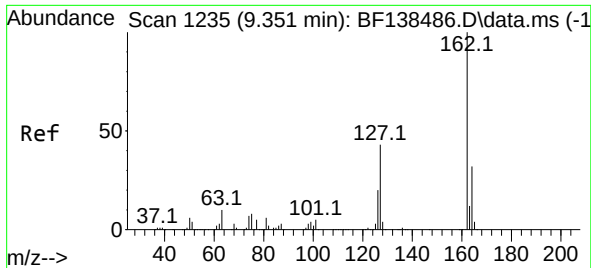


#46
1,1'-Biphenyl
Concen: 40.893 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01



Tgt Ion:154 Resp: 587897
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 12.7 0.0 32.2





#47

2-Chloronaphthalene

Concen: 42.731 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF138634.D

Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB162159BS

Tgt Ion:162 Resp: 464088

Ion Ratio Lower Upper

162 100

127 45.7 34.8 52.2

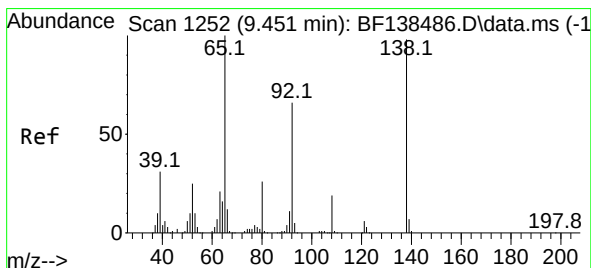
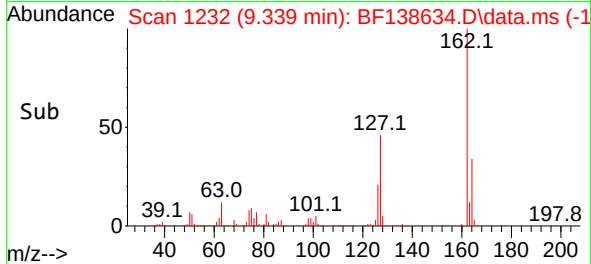
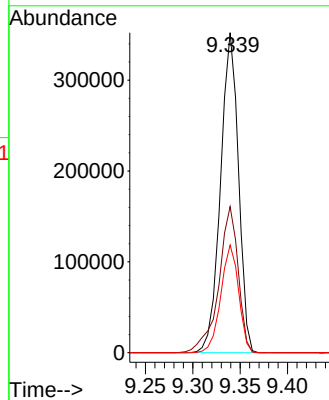
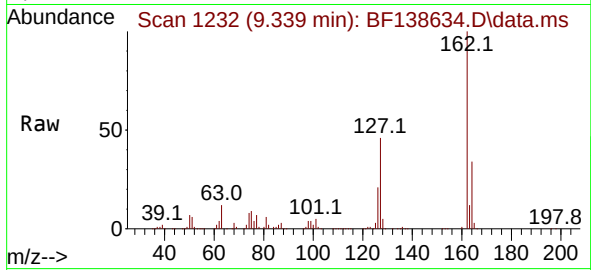
164 33.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#48

2-Nitroaniline

Concen: 46.730 ng

RT: 9.439 min Scan# 1249

Delta R.T. -0.012 min

Lab File: BF138634.D

Acq: 24 Jul 2024 12:01

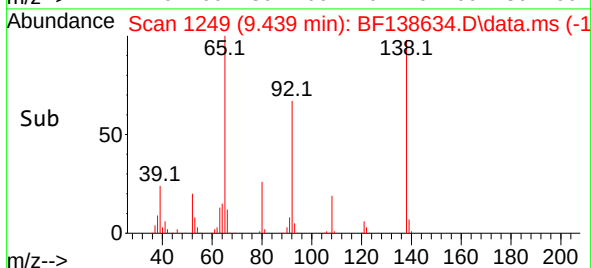
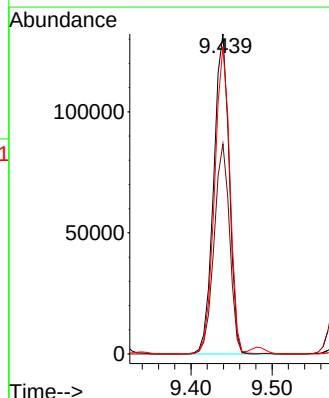
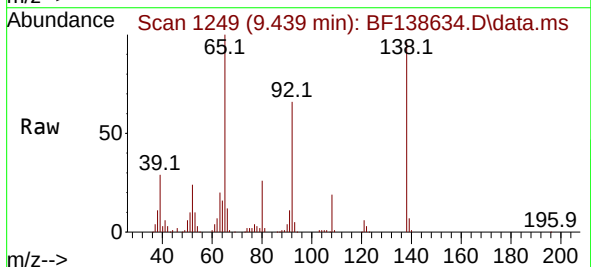
Tgt Ion: 65 Resp: 175872

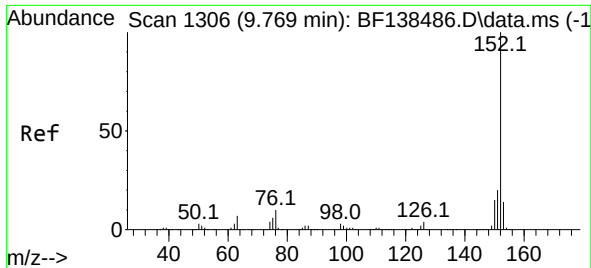
Ion Ratio Lower Upper

65 100

92 65.6 52.6 78.8

138 96.1 78.6 118.0





#49
Acenaphthylene
Concen: 47.851 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

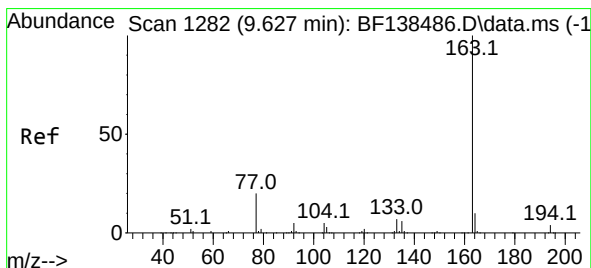
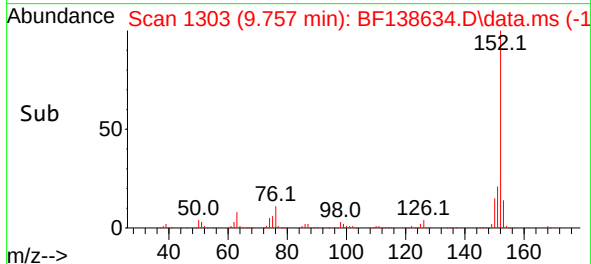
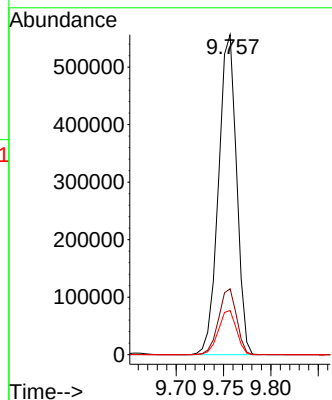
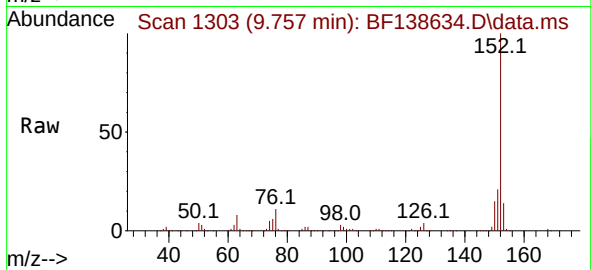
ClientSampleId :

PB162159BS

Tgt Ion:152 Resp: 737849
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.8 11.3 16.9

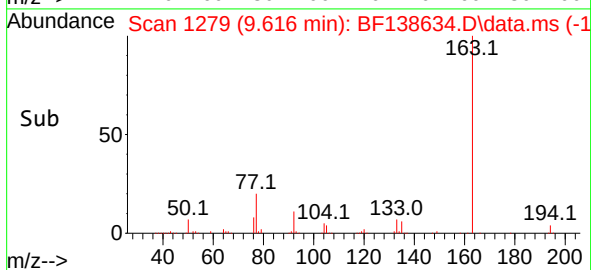
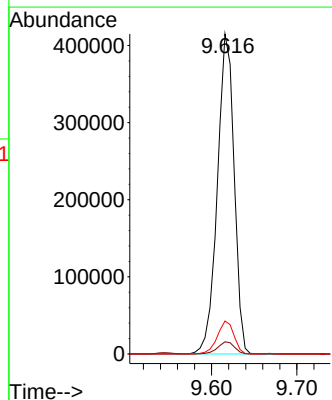
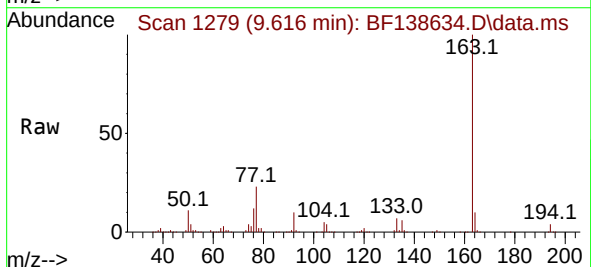
Manual Integrations
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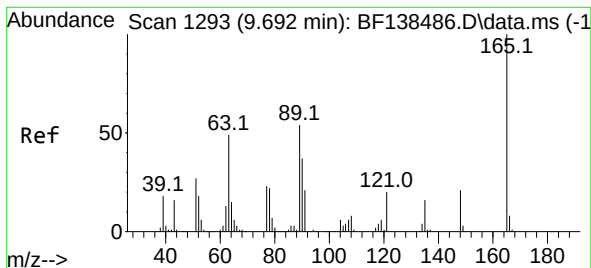
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#50
Dimethylphthalate
Concen: 46.271 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:163 Resp: 567586
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.1 12.1





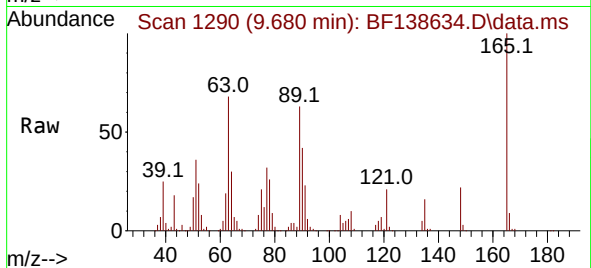
#51
2,6-Dinitrotoluene
Concen: 44.496 ng
RT: 9.680 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB162159BS

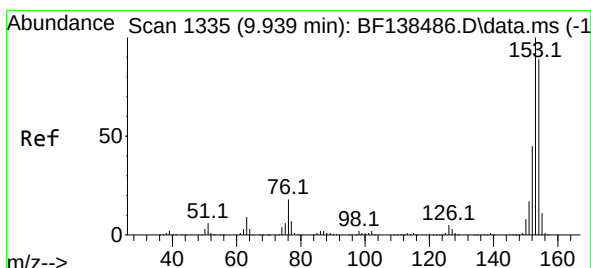
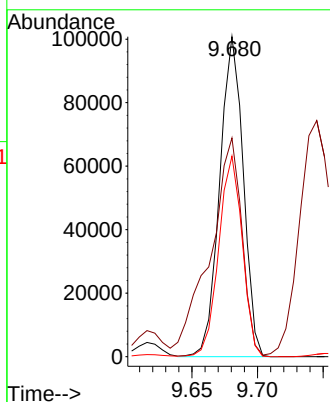
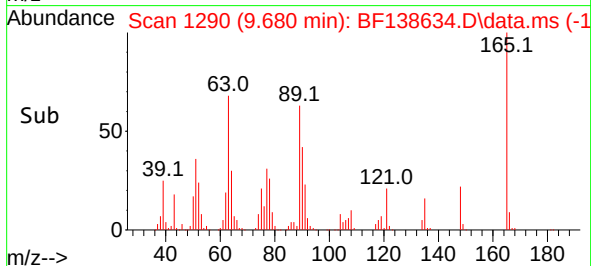


Tgt Ion:165 Resp: 125670
Ion Ratio Lower Upper
165 100
63 68.4 48.1 72.1
89 62.6 43.0 64.6

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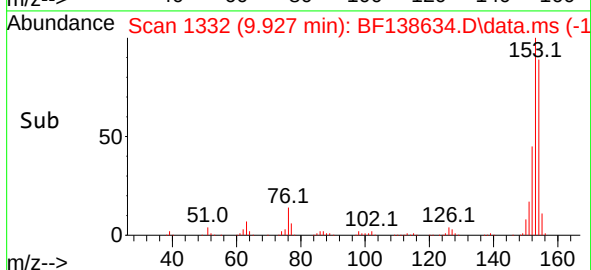
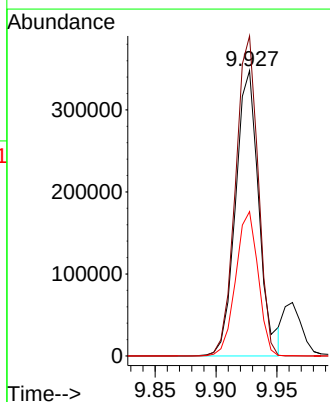
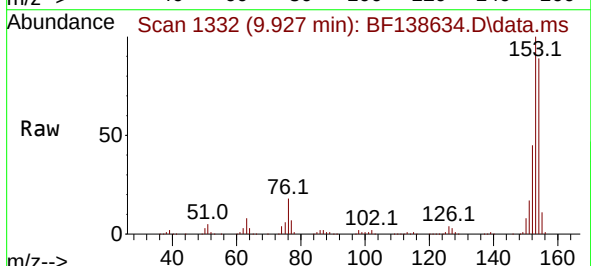
APPROVED

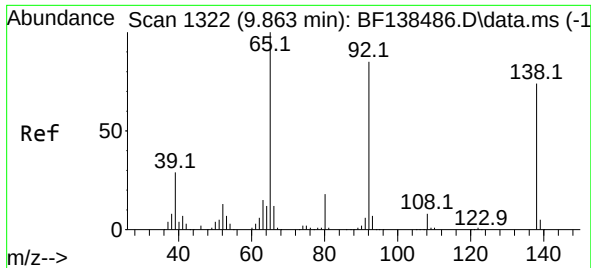
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#52
Acenaphthene
Concen: 45.289 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:154 Resp: 464210
Ion Ratio Lower Upper
154 100
153 112.1 90.4 135.6
152 50.6 41.1 61.7





#53
3-Nitroaniline
Concen: 28.425 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

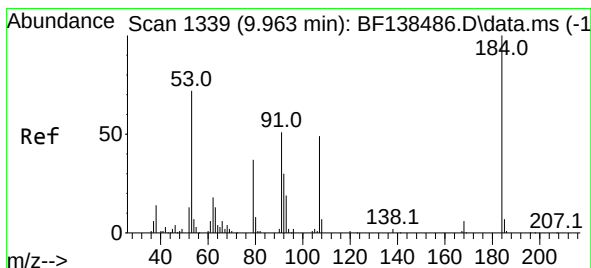
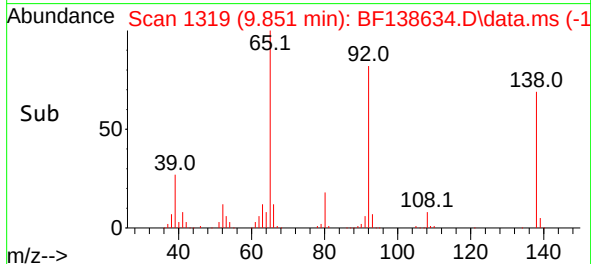
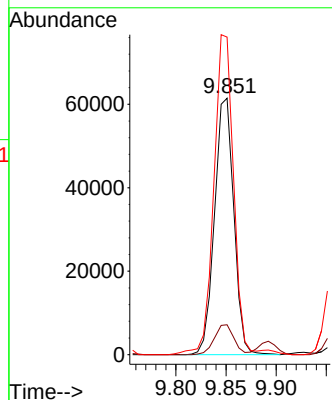
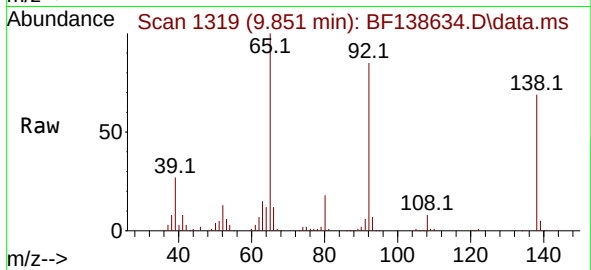
ClientSampleId :

PB162159BS

Tgt Ion:138 Resp: 8228
Ion Ratio Lower Upper
138 100
108 11.7 8.3 12.5
92 123.8 92.6 138.8

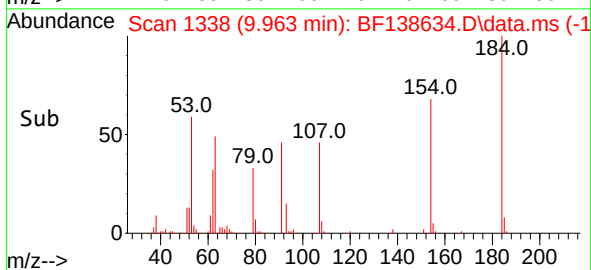
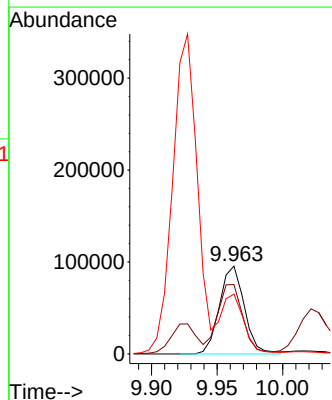
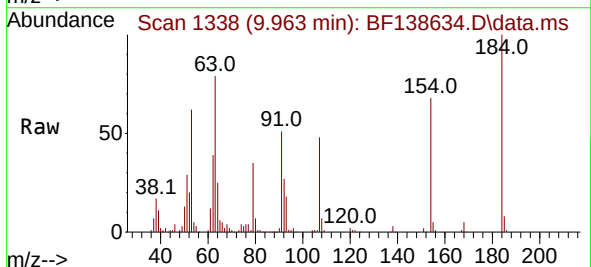
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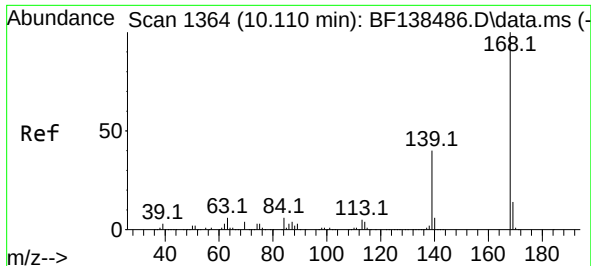
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#54
2,4-Dinitrophenol
Concen: 83.011 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:184 Resp: 126110
Ion Ratio Lower Upper
184 100
63 79.0 70.6 106.0
154 68.2 53.8 80.6





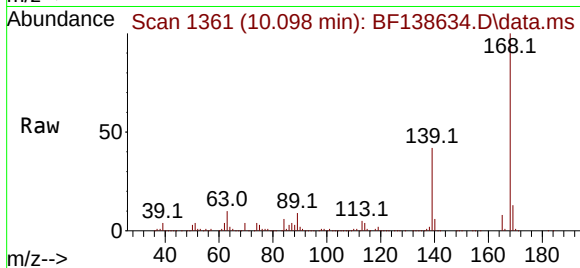
#55
Dibenzenofuran
Concen: 44.452 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB162159BS



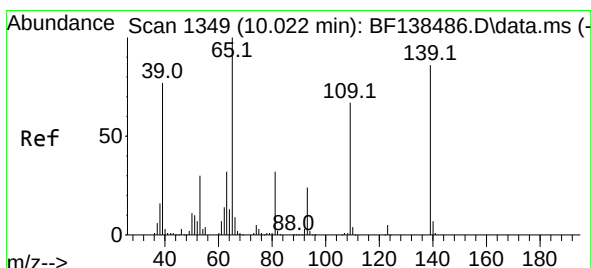
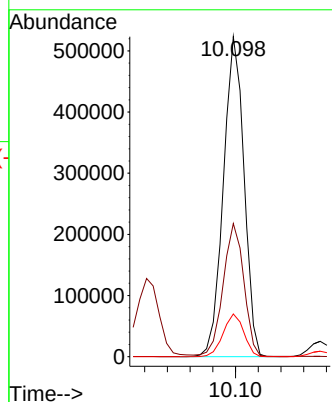
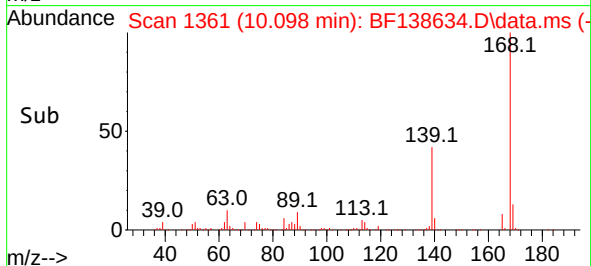
Tgt Ion:168 Resp: 660864
Ion Ratio Lower Upper
168 100
139 41.6 32.4 48.6
169 13.3 10.9 16.3

Manual Integrations

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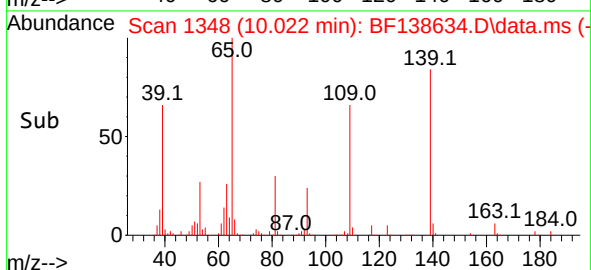
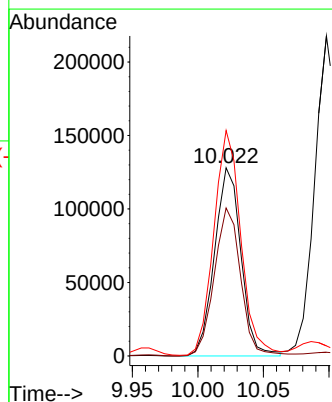
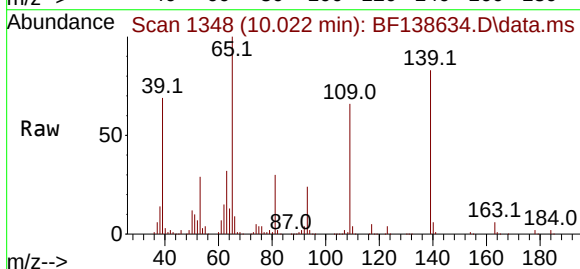
Reviewed By :Yogesh Patel 07/25/2024

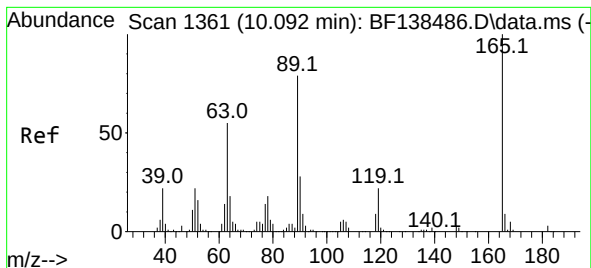
Supervised By :mohammad ahmed 07/25/2024



#56
4-Nitrophenol
Concen: 84.031 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:139 Resp: 179483
Ion Ratio Lower Upper
139 100
109 78.6 58.1 98.1
65 119.8 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 46.124 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

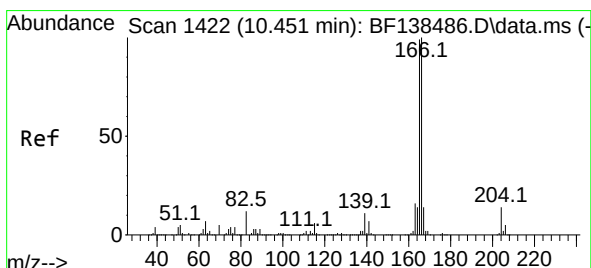
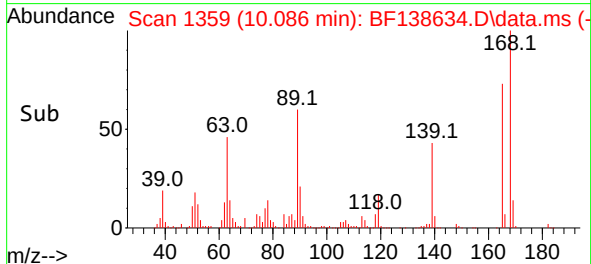
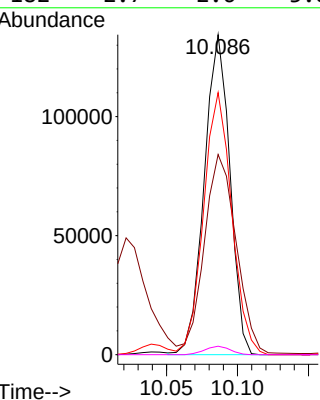
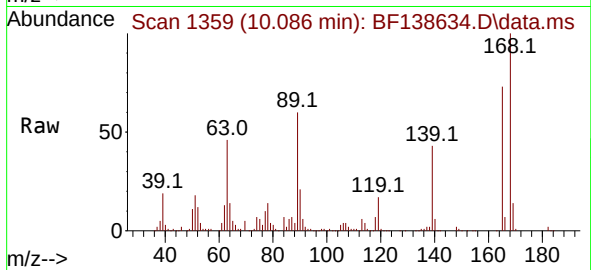
PB162159BS

Tgt Ion:165 Resp: 168552
Ion Ratio Lower Upper
165 100
63 62.6 44.6 66.8
89 81.9 63.4 95.2
182 2.7 2.6 3.8

Manual Integrations

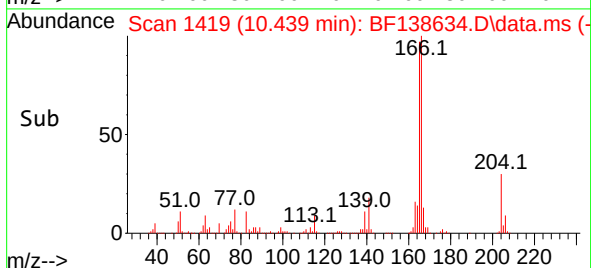
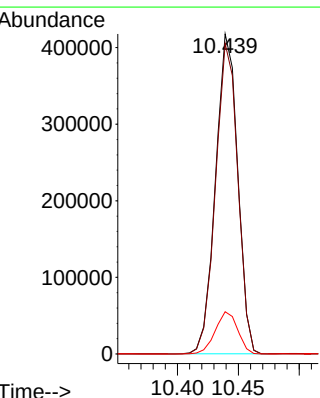
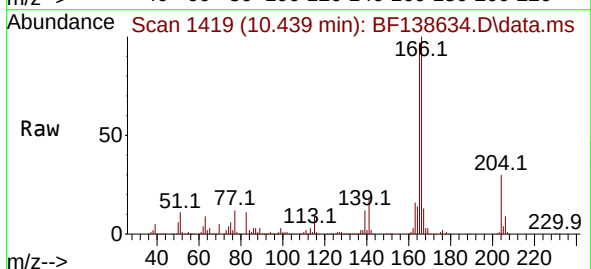
APPROVED

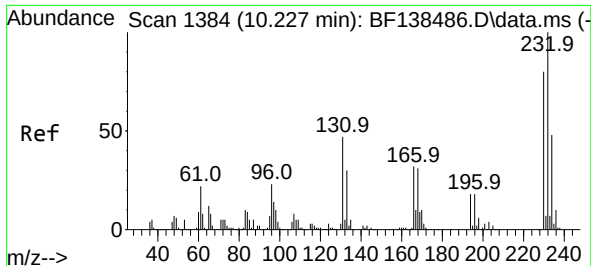
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#58
Fluorene
Concen: 45.030 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

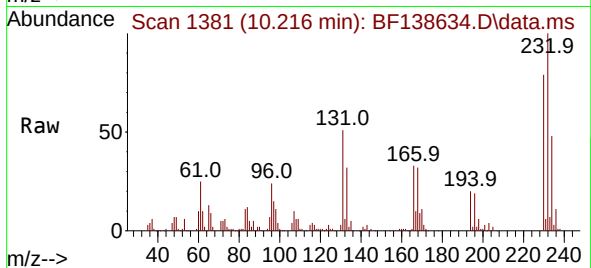
Tgt Ion:166 Resp: 529711
Ion Ratio Lower Upper
166 100
165 97.0 79.1 118.7
167 13.2 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.676 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

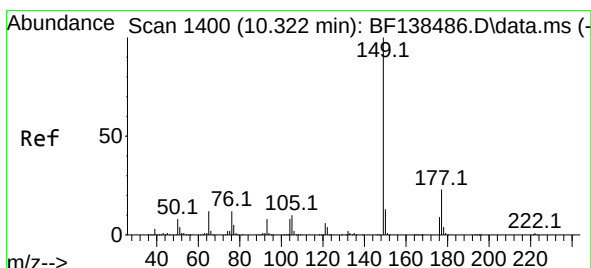
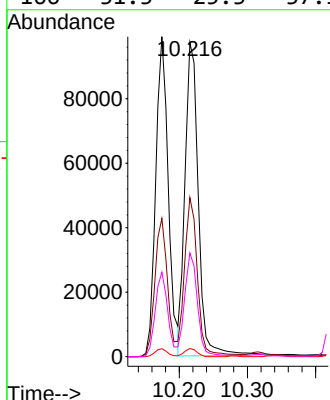
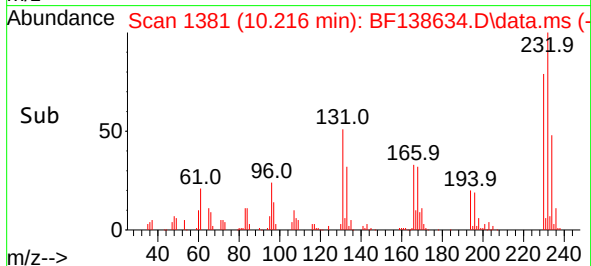
Instrument :
BNA_F
ClientSampleId :
PB162159BS



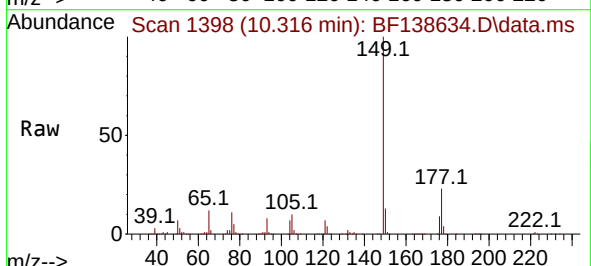
Tgt Ion:232 Resp: 130789
Ion Ratio Lower Upper
232 100
131 49.9 37.5 56.3
130 2.5 2.0 3.0
166 31.3 25.3 37.9

Manual Integrations
APPROVED

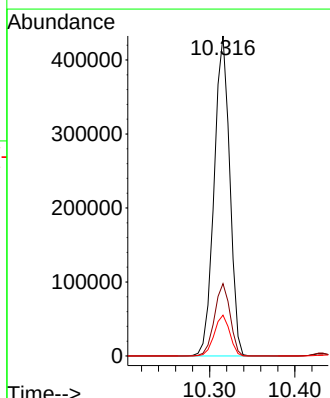
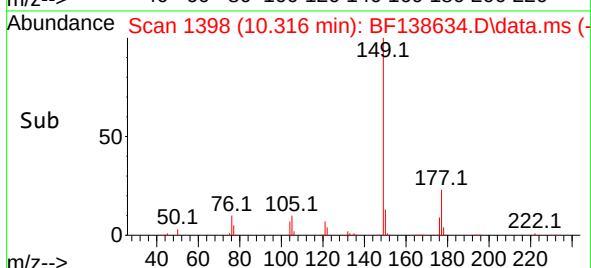
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

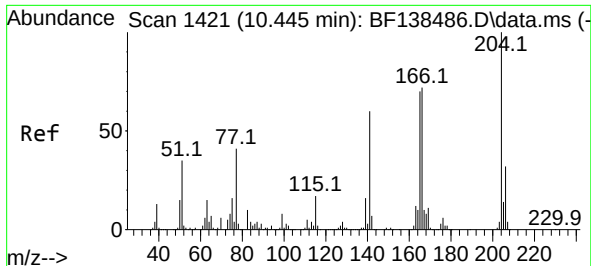


#60
Diethylphthalate
Concen: 46.623 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01



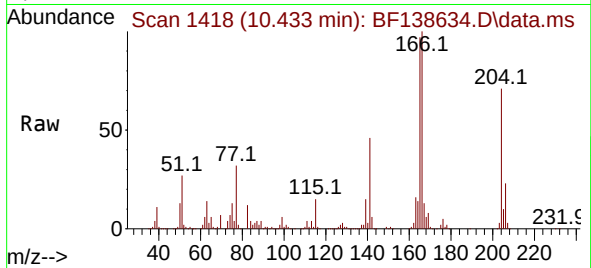
Tgt Ion:149 Resp: 551332
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 43.188 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

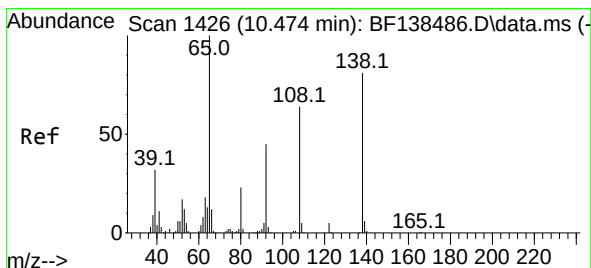
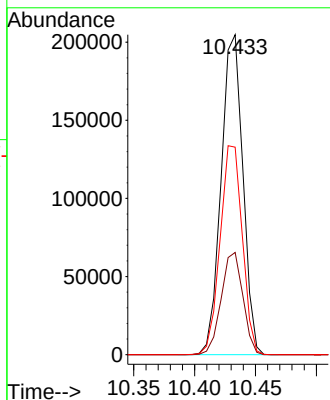
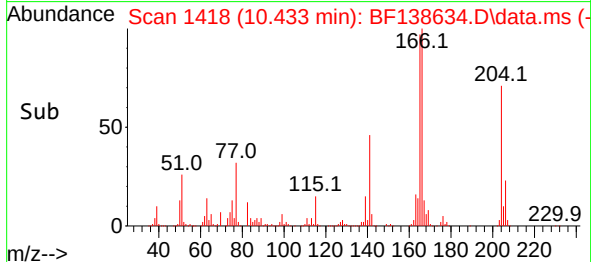
Instrument :
BNA_F
ClientSampleId :
PB162159BS



Tgt Ion:204 Resp: 25511
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 64.8 47.7 71.5

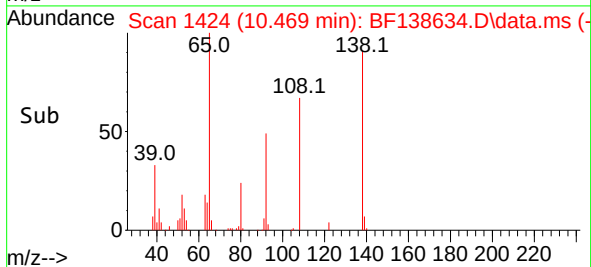
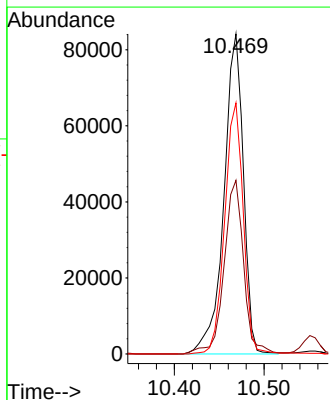
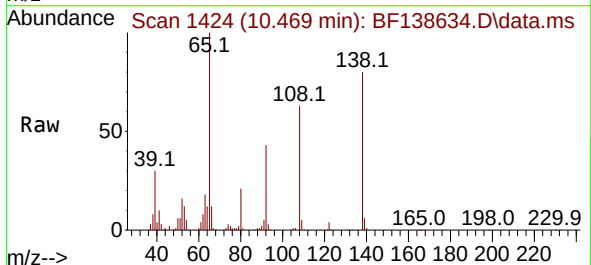
Manual Integrations
APPROVED

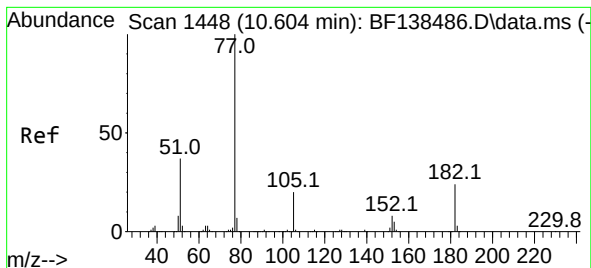
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#62
4-Nitroaniline
Concen: 43.684 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:138 Resp: 126717
Ion Ratio Lower Upper
138 100
92 54.3 35.8 75.8
108 78.5 59.8 99.8





#63
Azobenzene
Concen: 47.219 ng
RT: 10.592 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

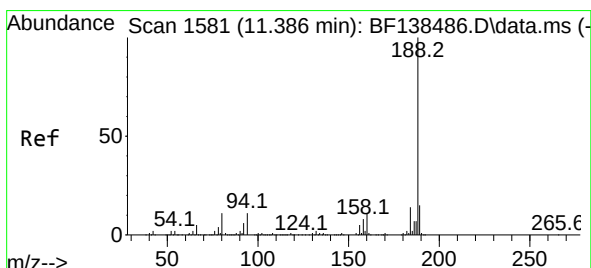
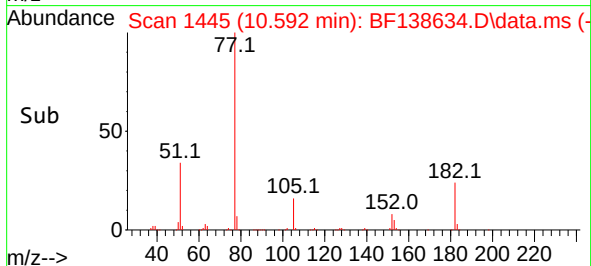
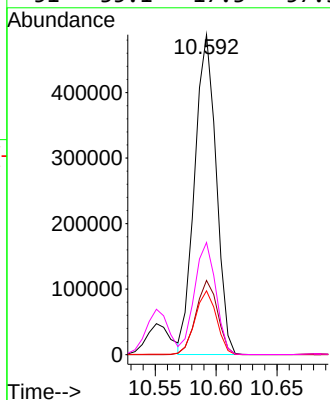
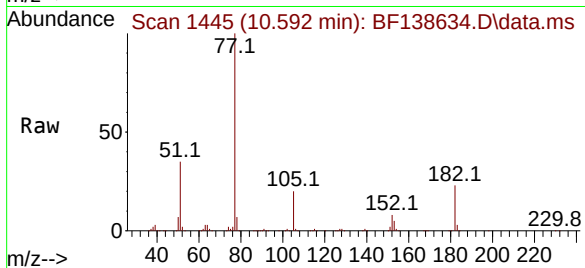
PB162159BS

Tgt Ion: 77 Resp: 600332
Ion Ratio Lower Upper
77 100
182 23.2 3.8 43.8
105 19.9 0.0 39.8
51 35.1 17.3 57.3

Manual Integrations

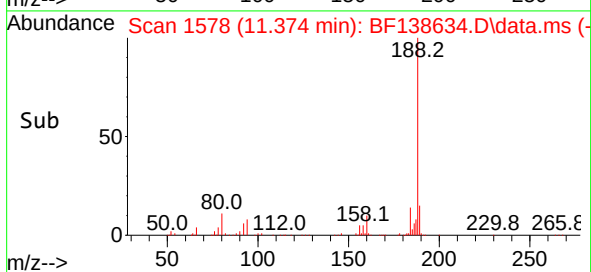
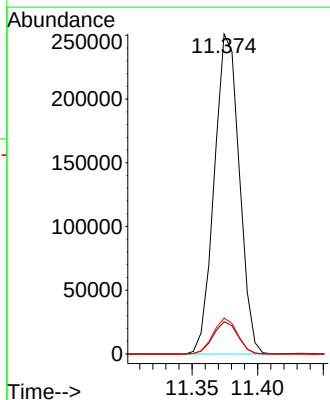
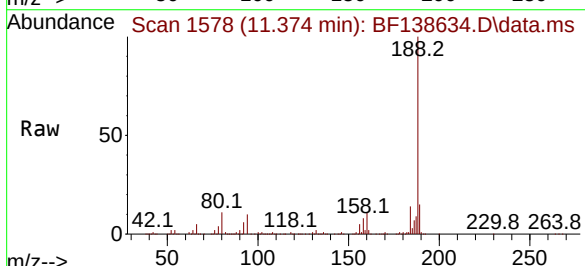
APPROVED

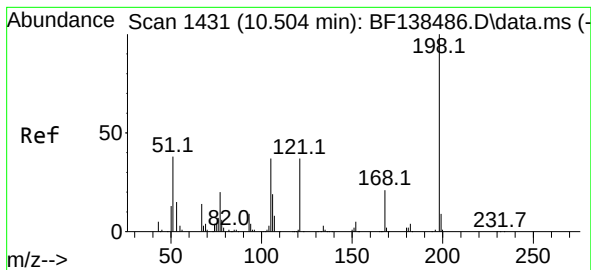
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:188 Resp: 332399
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 11.2 9.0 13.4





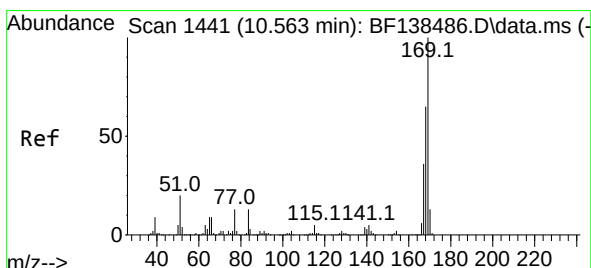
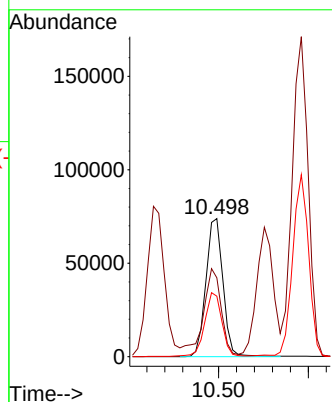
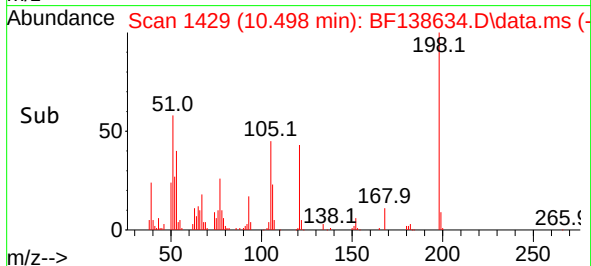
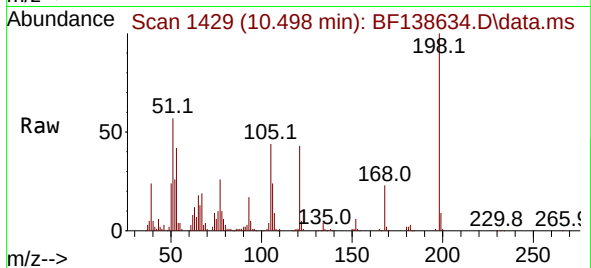
#65
4,6-Dinitro-2-methylphenol
Concen: 50.717 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :
BNA_F
ClientSampleId :
PB162159BS

Tgt Ion:198 Resp: 9734
Ion Ratio Lower Upper
198 100
51 57.1 27.2 67.2
105 43.8 18.5 58.5

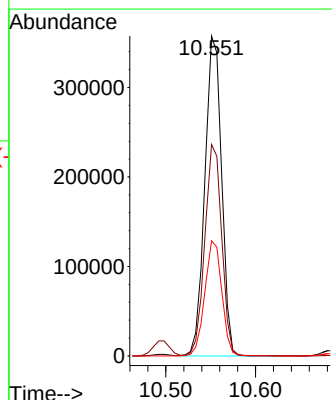
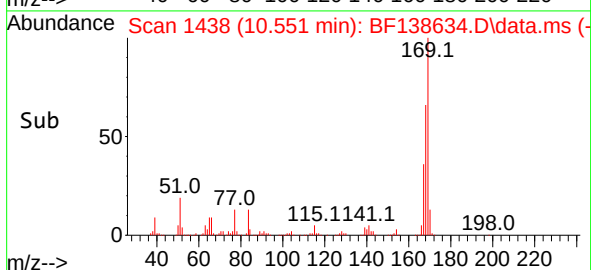
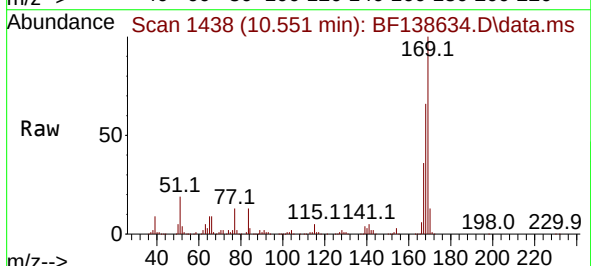
Manual Integrations
APPROVED

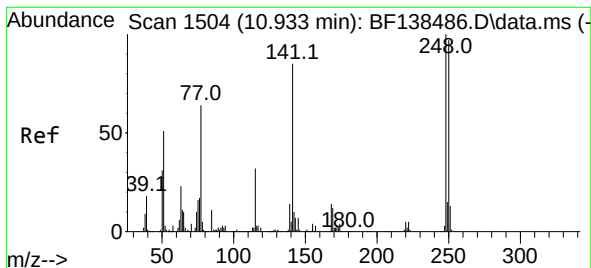
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#66
n-Nitrosodiphenylamine
Concen: 46.594 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:169 Resp: 464030
Ion Ratio Lower Upper
169 100
168 66.1 51.7 77.5
167 36.0 28.5 42.7





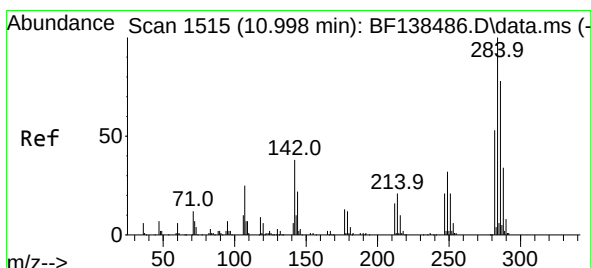
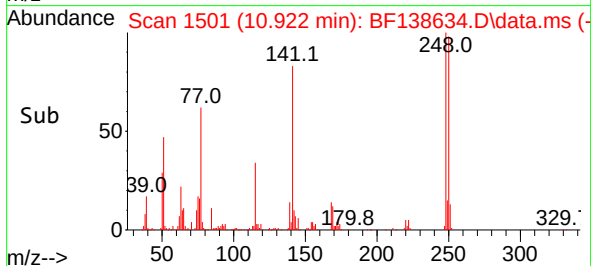
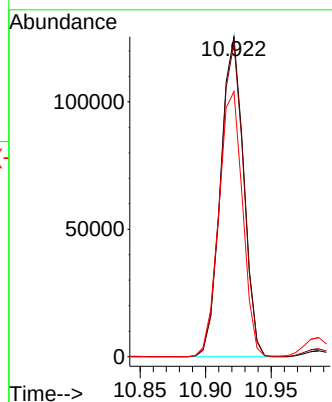
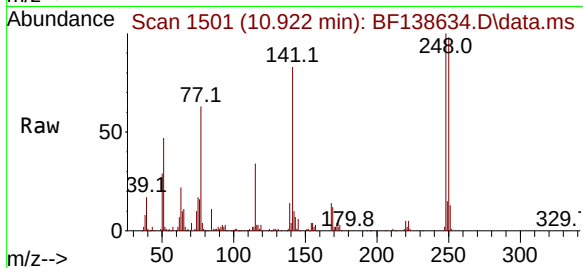
#67
4-Bromophenyl-phenylether
Concen: 44.996 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :
BNA_F
ClientSampleId :
PB162159BS

Tgt Ion:248 Resp: 15372
Ion Ratio Lower Upper
248 100
250 98.1 77.9 116.9
141 82.9 67.7 101.5

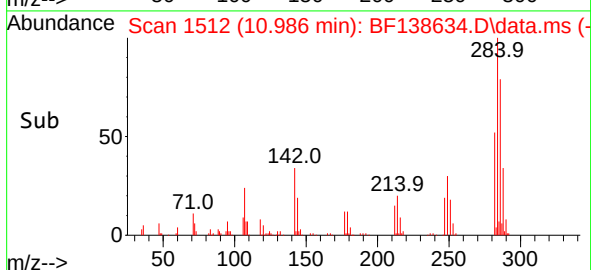
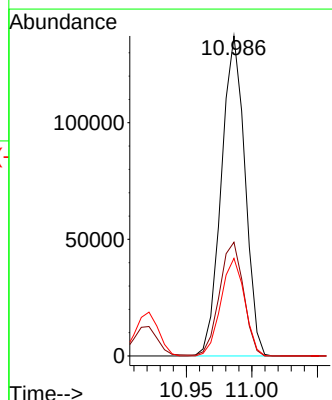
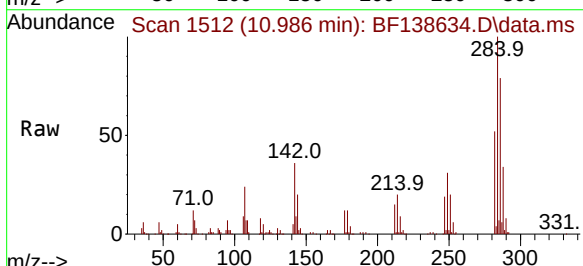
Manual Integrations
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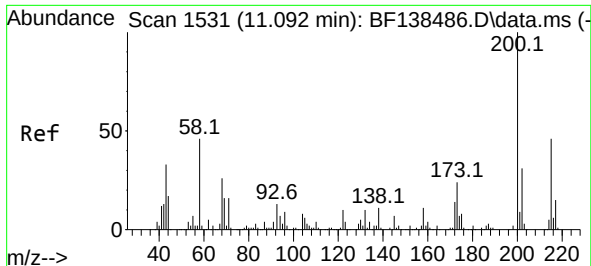
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#68
Hexachlorobenzene
Concen: 45.200 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

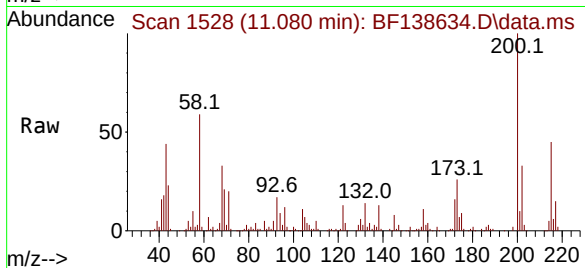
Tgt Ion:284 Resp: 171551
Ion Ratio Lower Upper
284 100
142 35.5 30.5 45.7
249 30.5 25.9 38.9





#69
 Atrazine
 Concen: 43.509 ng
 RT: 11.080 min Scan# 11080
 Delta R.T. -0.012 min
 Lab File: BF138634.D
 Acq: 24 Jul 2024 12:01

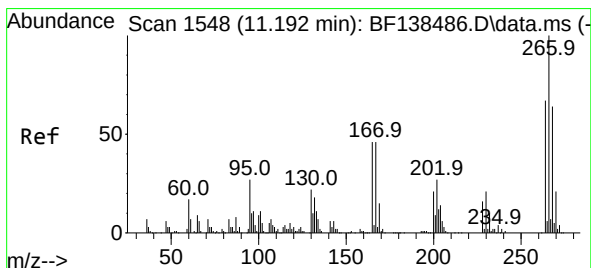
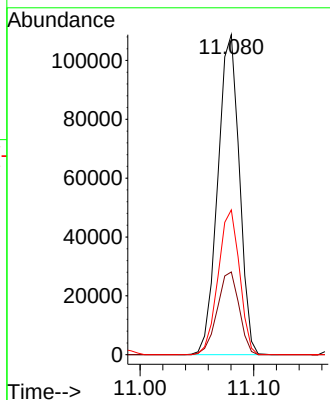
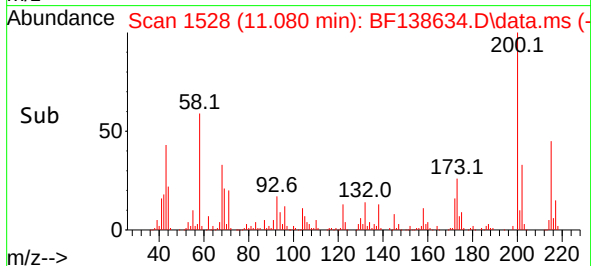
Instrument :
 BNA_F
 ClientSampleId :
 PB162159BS



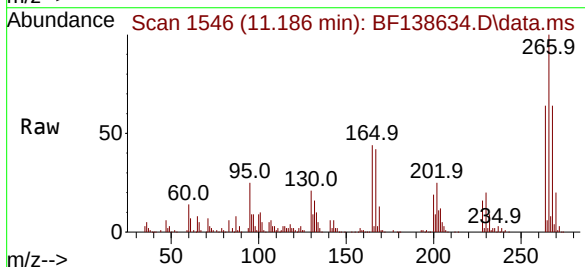
Tgt Ion:200 Resp: 143659
 Ion Ratio Lower Upper
 200 100
 173 25.8 4.1 44.1
 215 45.2 26.5 66.5

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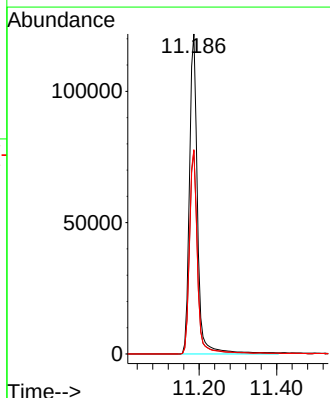
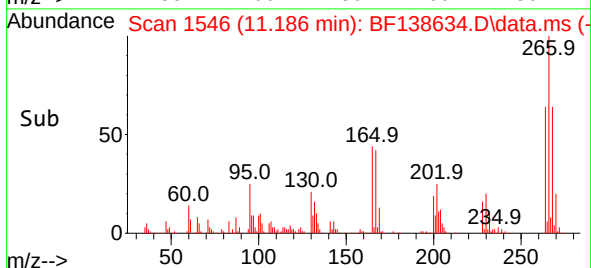
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

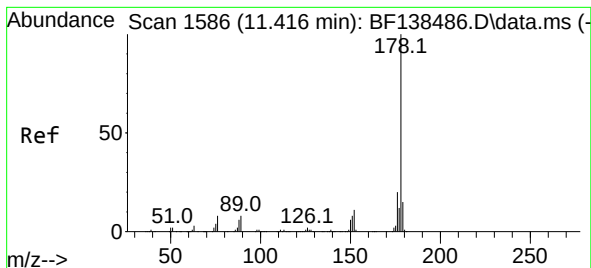


#70
 Pentachlorophenol
 Concen: 78.460 ng
 RT: 11.186 min Scan# 1546
 Delta R.T. -0.006 min
 Lab File: BF138634.D
 Acq: 24 Jul 2024 12:01



Tgt Ion:266 Resp: 176209
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.9 76.3
 264 63.9 53.5 80.3





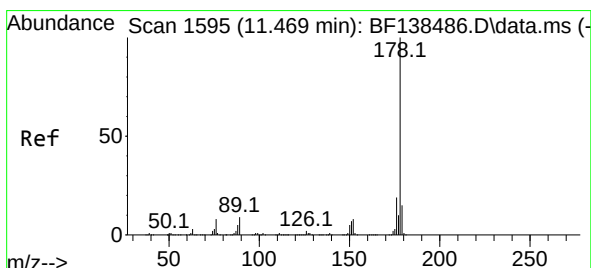
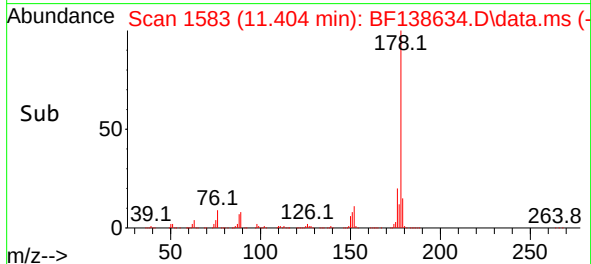
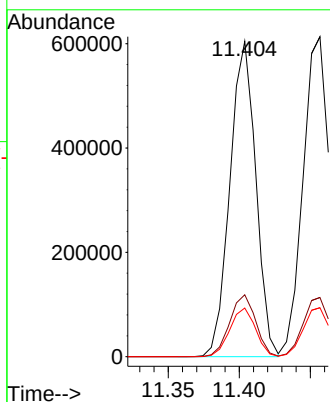
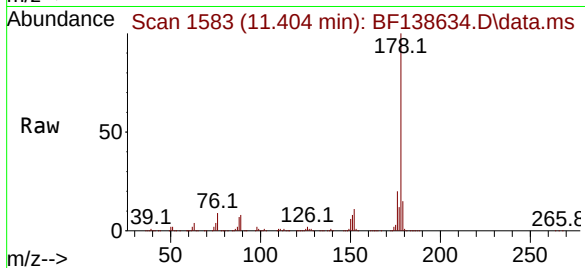
#71
Phenanthrene
Concen: 45.602 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :
BNA_F
ClientSampleId :
PB162159BS

Tgt Ion:178 Resp: 765804
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.4 12.2 18.2

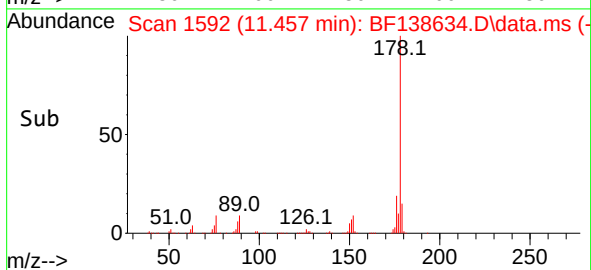
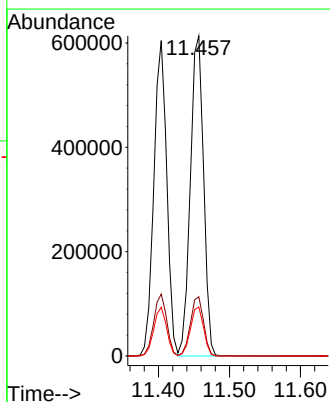
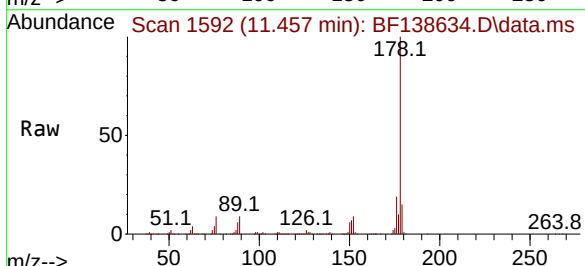
Manual Integrations
APPROVED

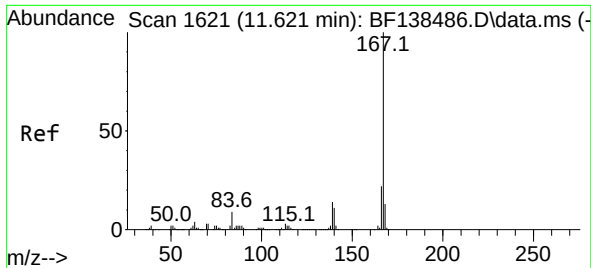
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#72
Anthracene
Concen: 47.747 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

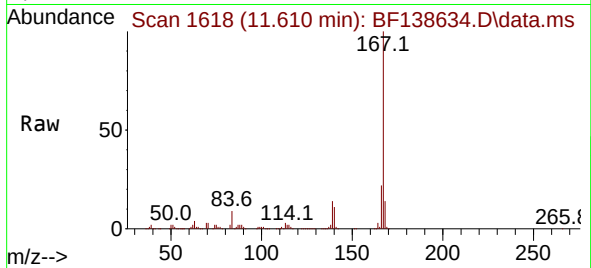
Tgt Ion:178 Resp: 795939
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 45.188 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.012 min
 Lab File: BF138634.D
 Acq: 24 Jul 2024 12:01

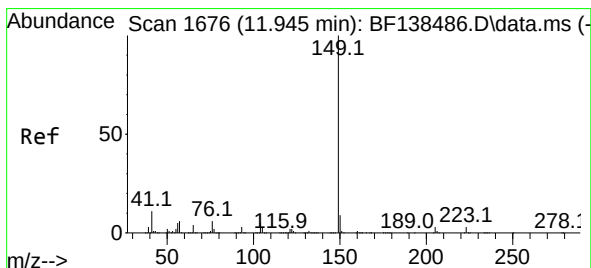
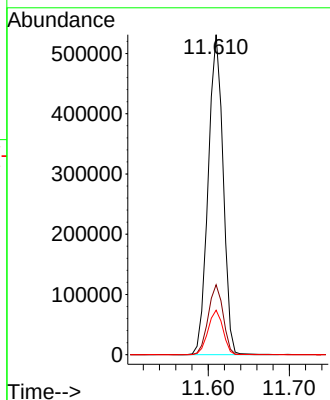
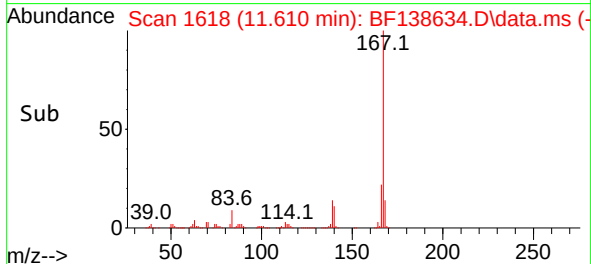
Instrument :
 BNA_F
 ClientSampleId :
 PB162159BS



Tgt Ion:167 Resp: 676954
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.9 11.0 16.4

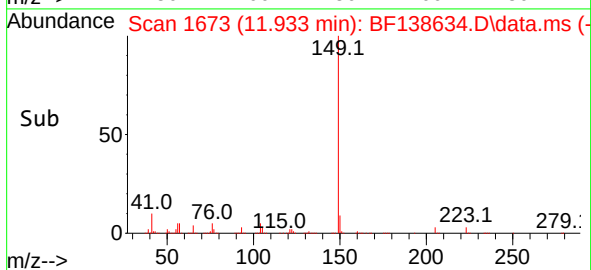
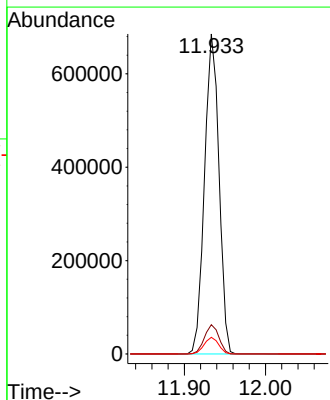
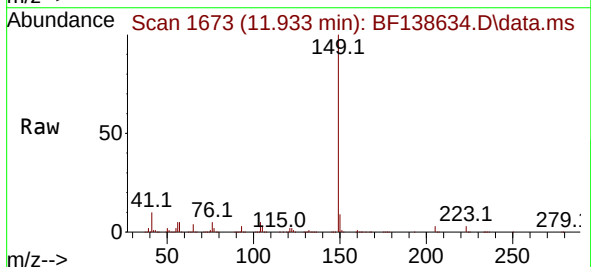
Manual Integrations
 APPROVED

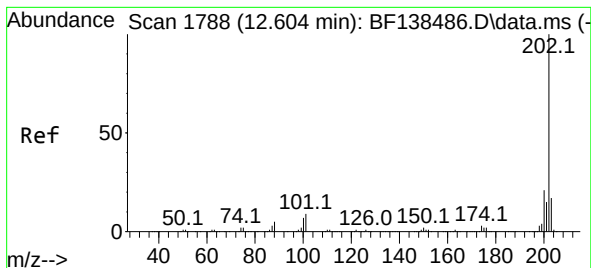
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024



#74
 Di-n-butylphthalate
 Concen: 48.925 ng
 RT: 11.933 min Scan# 1673
 Delta R.T. -0.012 min
 Lab File: BF138634.D
 Acq: 24 Jul 2024 12:01

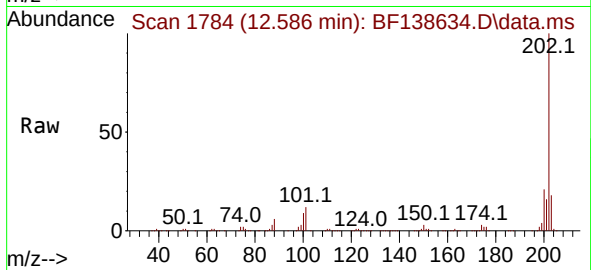
Tgt Ion:149 Resp: 844835
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 43.831 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

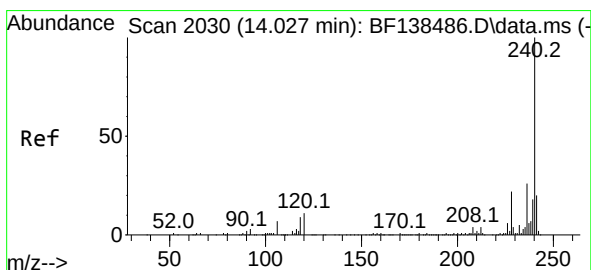
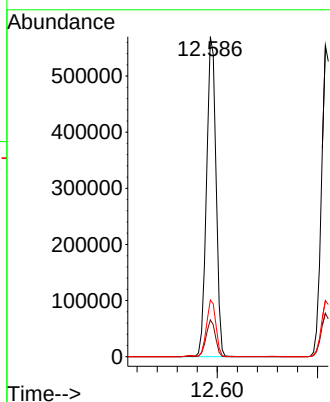
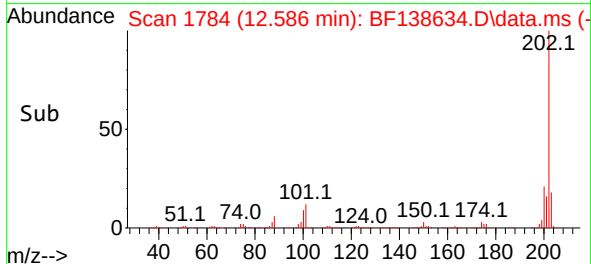
Instrument :
BNA_F
ClientSampleId :
PB162159BS



Tgt Ion:202 Resp: 75107
Ion Ratio Lower Upper
202 100
101 11.5 0.0 29.2
203 17.7 0.0 37.3

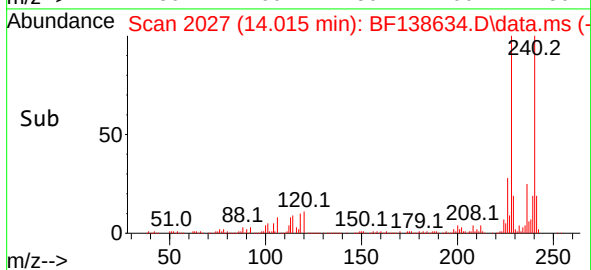
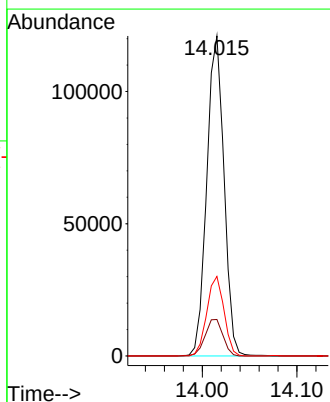
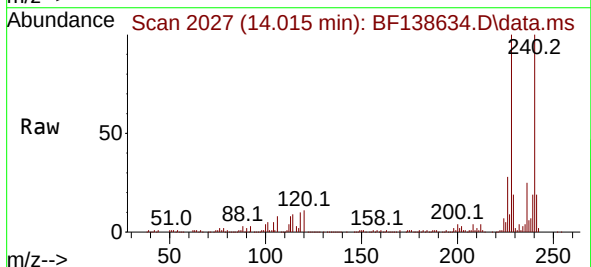
Manual Integrations
APPROVED

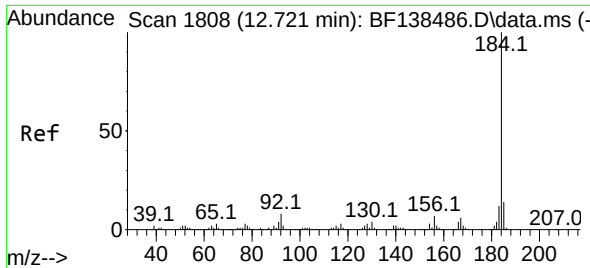
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

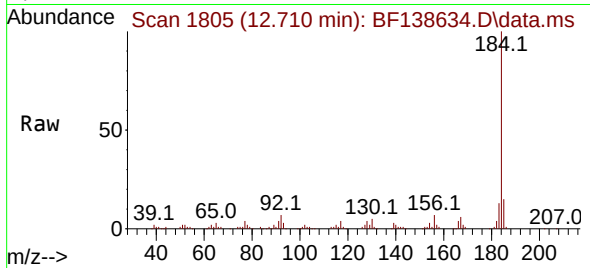
Tgt Ion:240 Resp: 152336
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 24.9 21.0 31.6





#77
Benzidine
Concen: 27.046 ng
RT: 12.710 min Scan# 1805
Delta R.T. -0.011 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

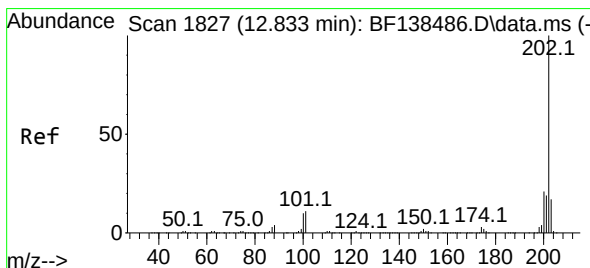
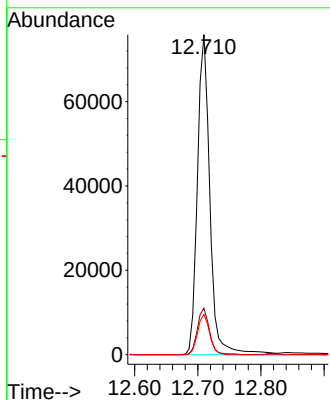
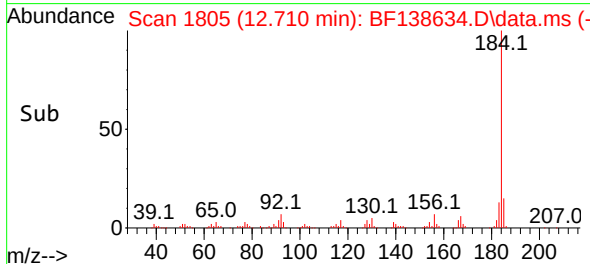
Instrument :
BNA_F
ClientSampleId :
PB162159BS



Tgt Ion:184 Resp: 103950
Ion Ratio Lower Upper
184 100
185 14.5 11.3 16.9
183 12.6 9.5 14.3

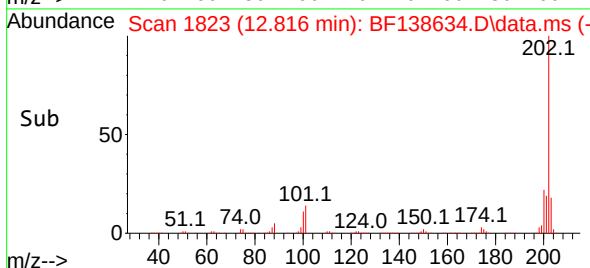
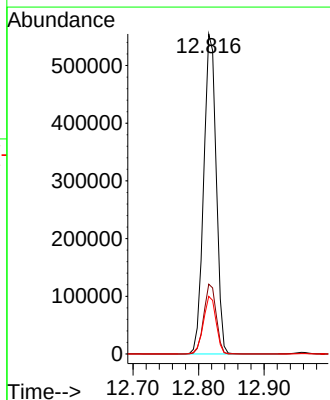
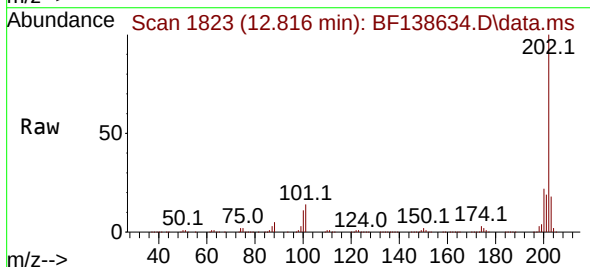
Manual Integrations
APPROVED

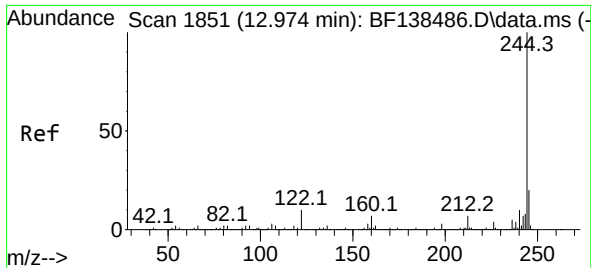
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#78
Pyrene
Concen: 47.663 ng
RT: 12.816 min Scan# 1823
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

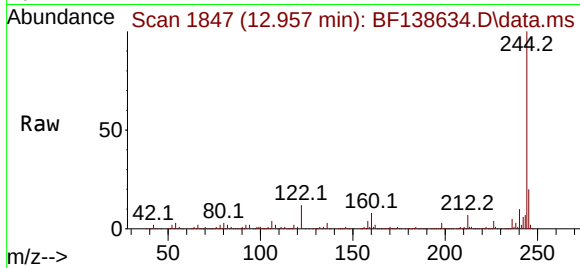
Tgt Ion:202 Resp: 737067
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.6
203 18.0 13.7 20.5





#79
 Terphenyl-d14
 Concen: 108.036 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. -0.018 min
 Lab File: BF138634.D
 Acq: 24 Jul 2024 12:01

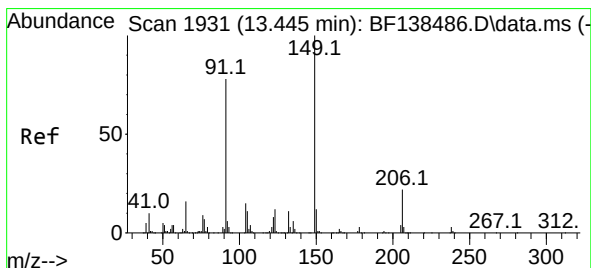
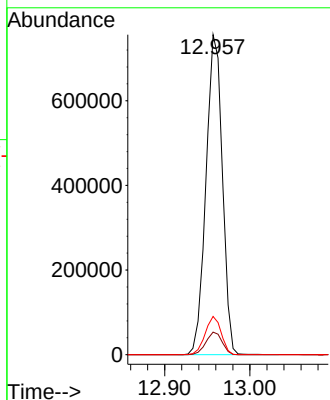
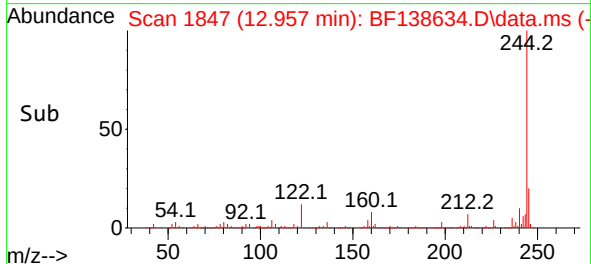
Instrument :
 BNA_F
 ClientSampleId :
 PB162159BS



Tgt Ion:244 Resp: 1010228
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 12.0 7.8 11.8

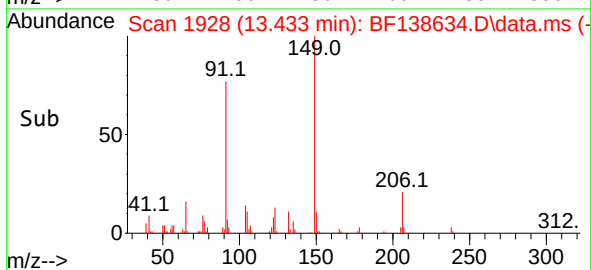
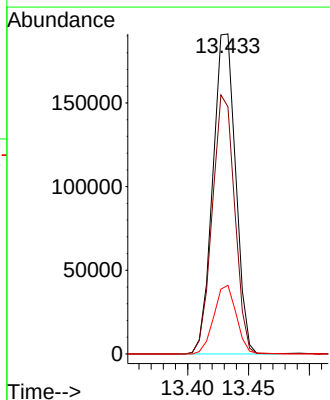
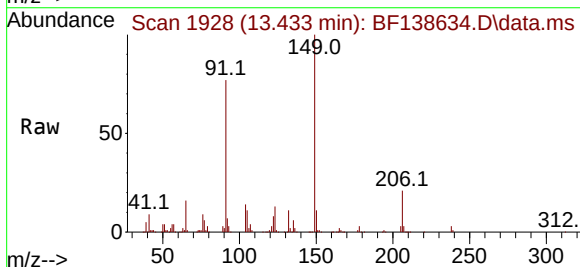
Manual Integrations
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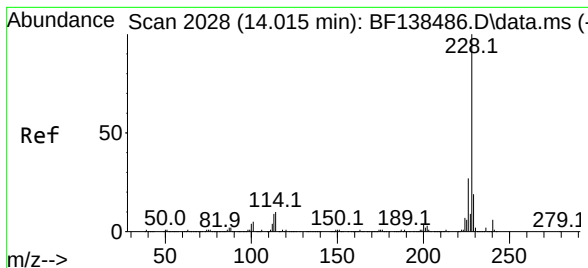
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024



#80
 Butylbenzylphthalate
 Concen: 53.716 ng
 RT: 13.433 min Scan# 1928
 Delta R.T. -0.012 min
 Lab File: BF138634.D
 Acq: 24 Jul 2024 12:01

Tgt Ion:149 Resp: 249881
 Ion Ratio Lower Upper
 149 100
 91 77.2 62.1 93.1
 206 21.5 18.0 27.0





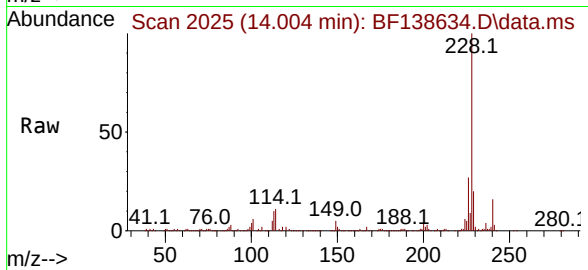
#81
Benzo(a)anthracene
Concen: 47.448 ng
RT: 14.004 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB162159BS



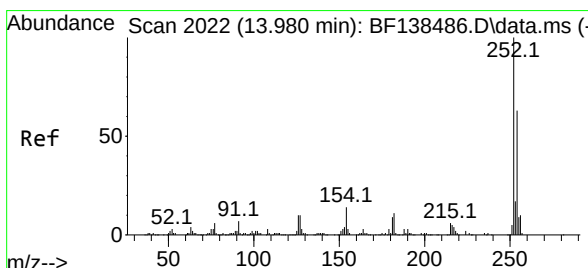
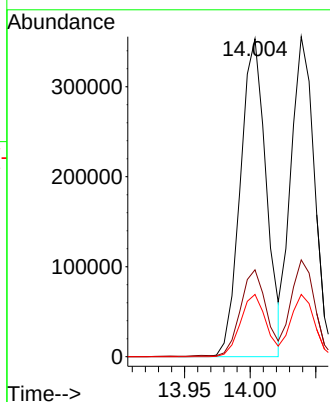
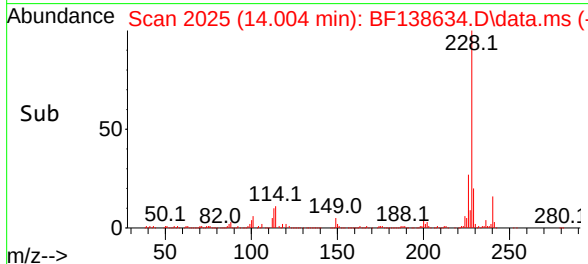
Tgt Ion:228 Resp: 485004
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.6 15.5 23.3

Manual Integrations

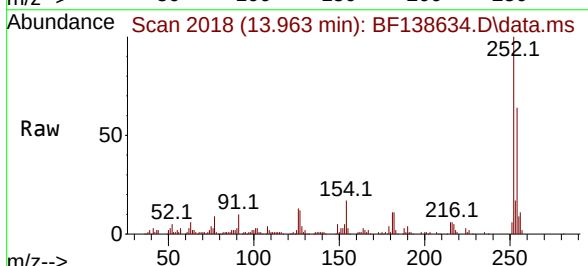
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

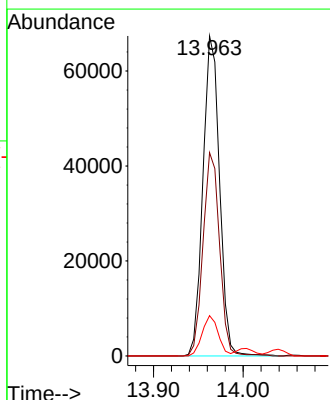
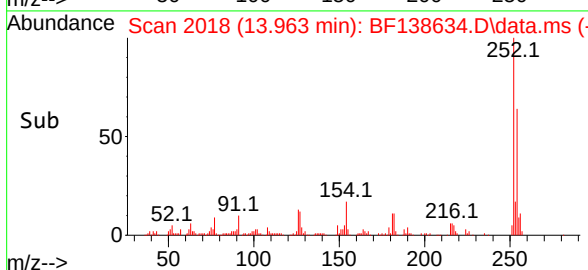
Supervised By :mohammad ahmed 07/25/2024

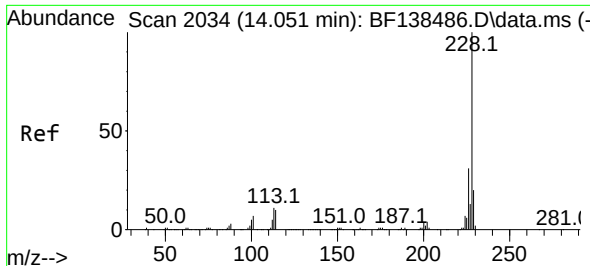


#82
3,3'-Dichlorobenzidine
Concen: 32.849 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01



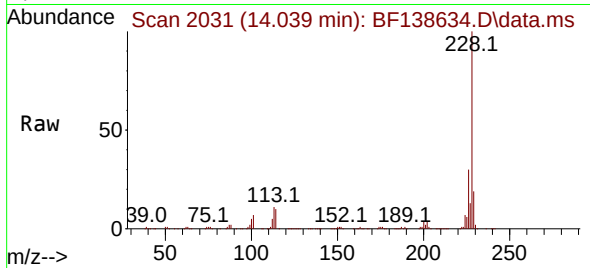
Tgt Ion:252 Resp: 86521
Ion Ratio Lower Upper
252 100
254 63.6 50.3 75.5
126 12.6 8.1 12.1#





#83
Chrysene
Concen: 45.844 ng
RT: 14.039 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

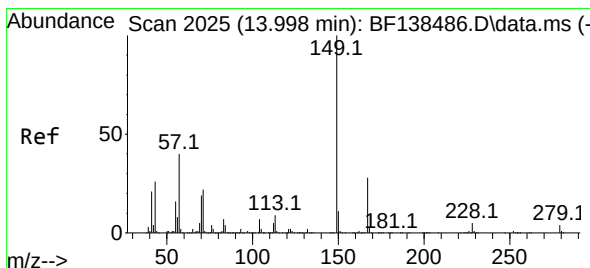
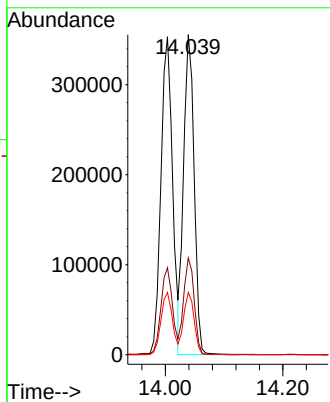
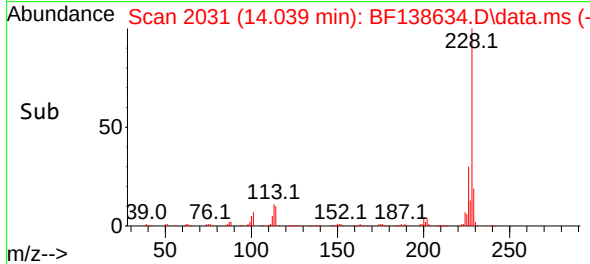
Instrument :
BNA_F
ClientSampleId :
PB162159BS



Tgt Ion:228 Resp: 443307
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.5 16.0 24.0

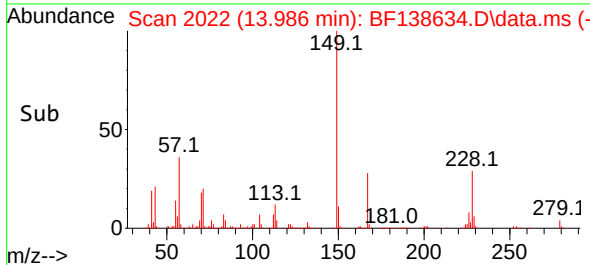
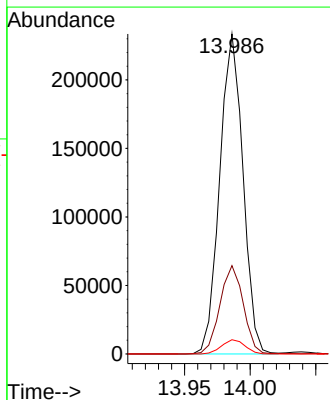
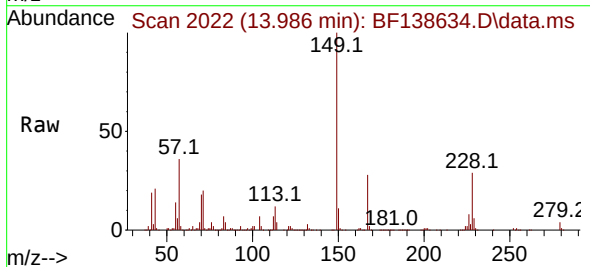
Manual Integrations
APPROVED

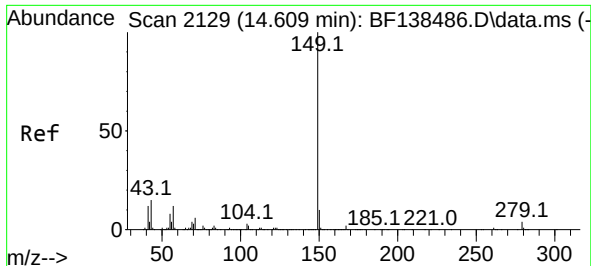
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.961 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

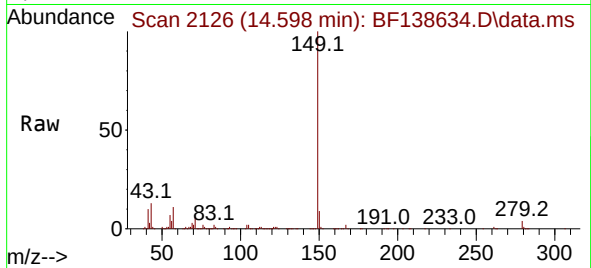
Tgt Ion:149 Resp: 287562
Ion Ratio Lower Upper
149 100
167 27.6 22.5 33.7
279 4.4 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 59.649 ng
RT: 14.598 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

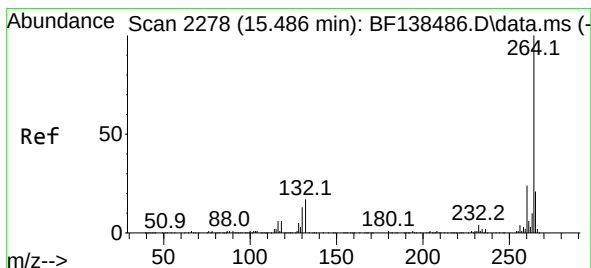
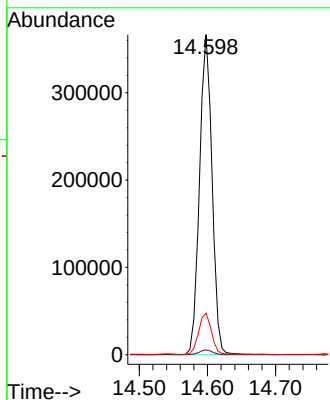
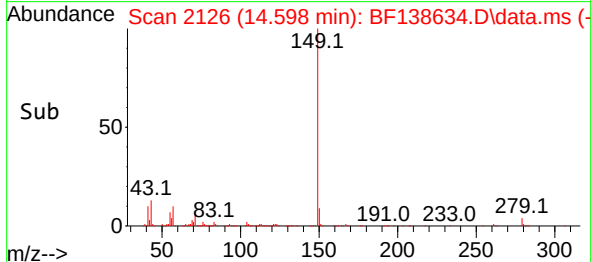
Instrument :
BNA_F
ClientSampleId :
PB162159BS



Tgt Ion:149 Resp: 46751
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.1 10.7 16.1

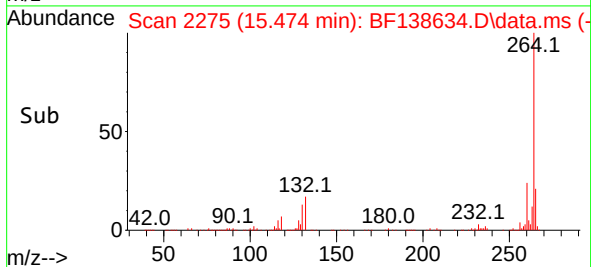
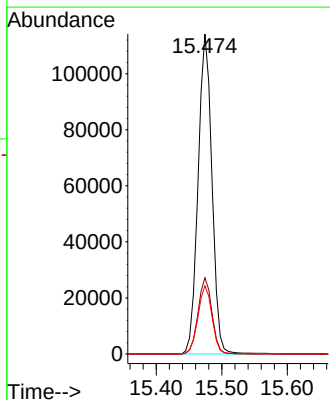
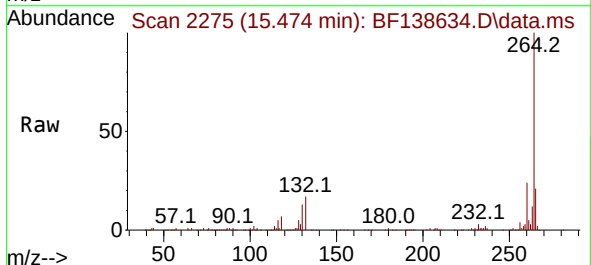
Manual Integrations
APPROVED

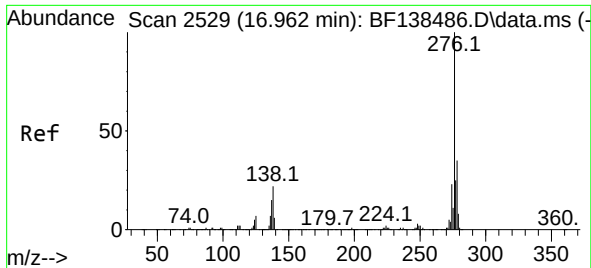
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Tgt Ion:264 Resp: 168429
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.3 17.0 25.4





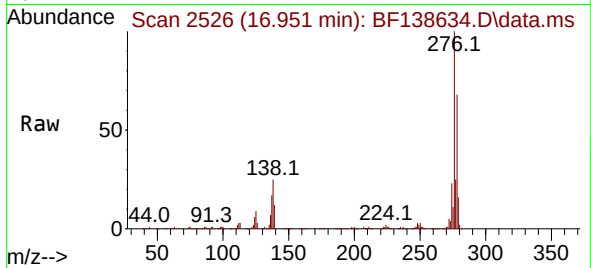
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.013 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB162159BS

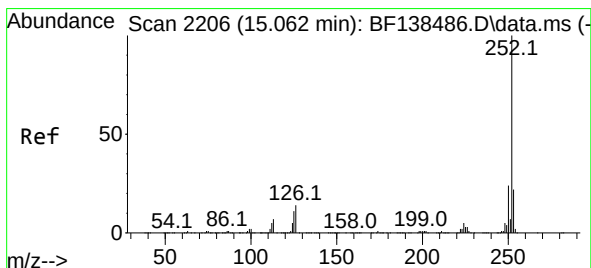
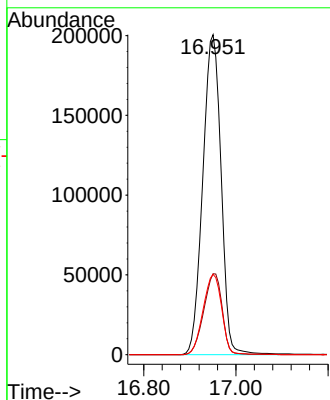
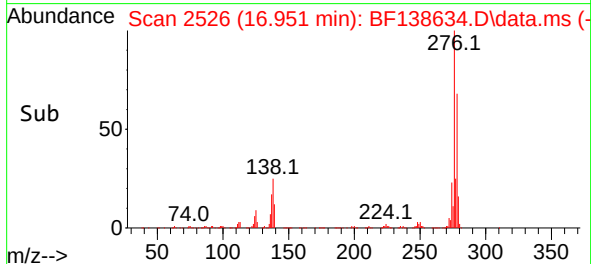


Tgt Ion:276 Resp: 554510
Ion Ratio Lower Upper
276 100
138 25.4 19.6 29.4
277 25.5 20.5 30.7

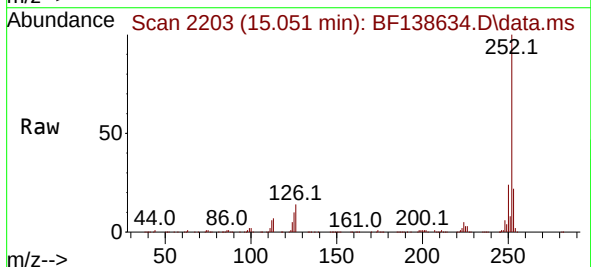
Manual Integrations

APPROVED

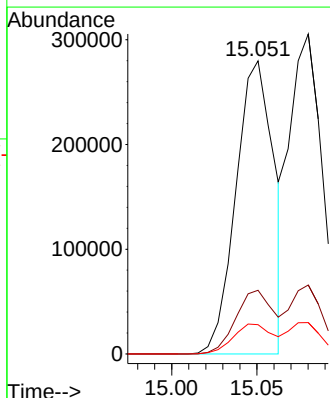
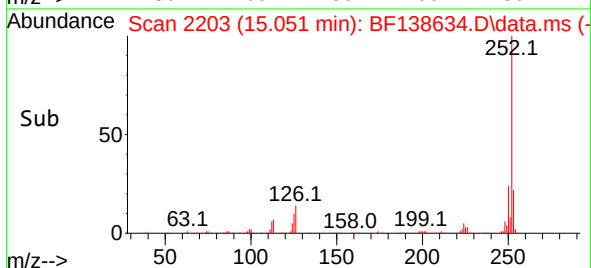
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

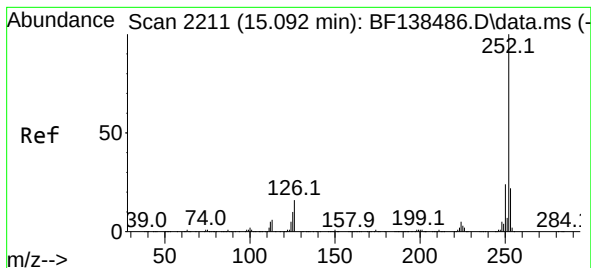


#88
Benzo(b)fluoranthene
Concen: 45.636 ng
RT: 15.051 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01



Tgt Ion:252 Resp: 432874
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.0 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 44.343 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138634.D

Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB162159BS

Tgt Ion:252 Resp: 410219

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

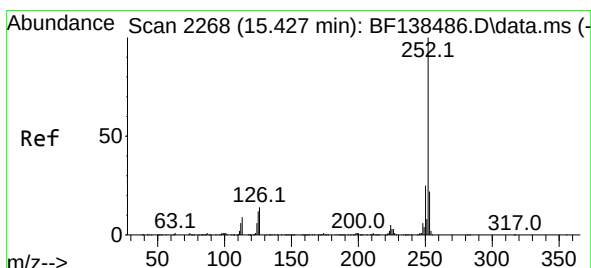
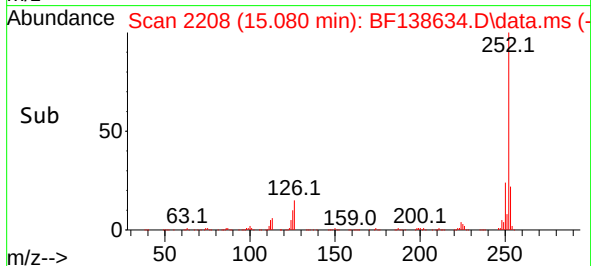
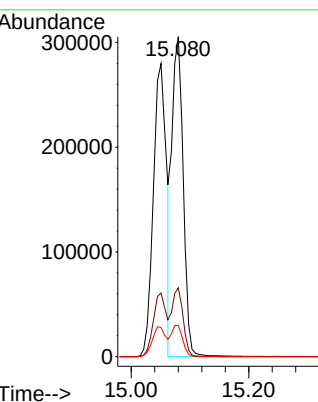
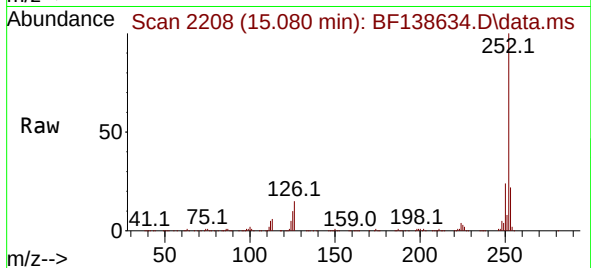
125 9.8 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#90

Benzo(a)pyrene

Concen: 49.206 ng

RT: 15.415 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF138634.D

Acq: 24 Jul 2024 12:01

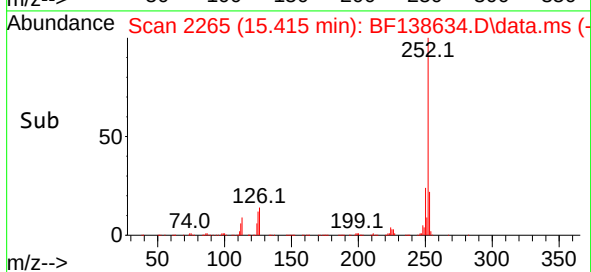
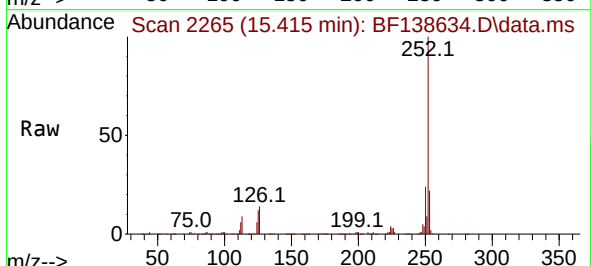
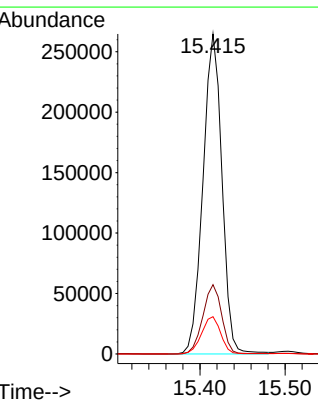
Tgt Ion:252 Resp: 410009

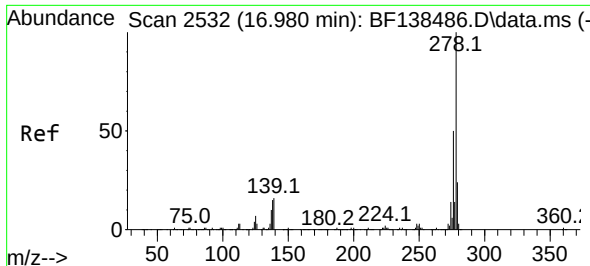
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 11.6 9.4 14.2





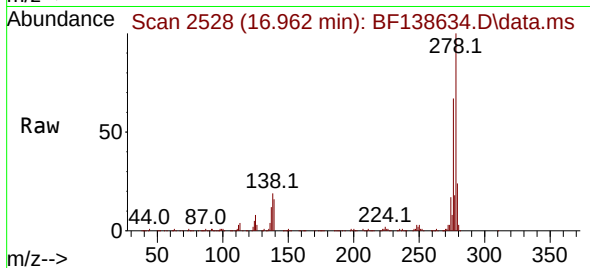
#91
Dibenzo(a,h)anthracene
Concen: 48.337 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01

Instrument :

BNA_F

ClientSampleId :

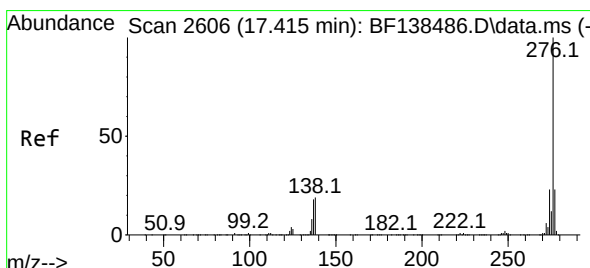
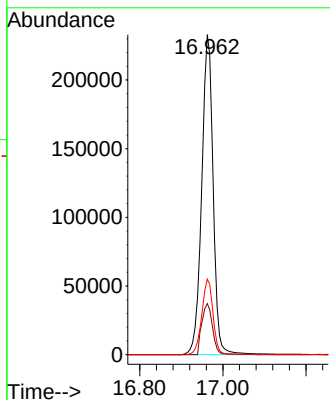
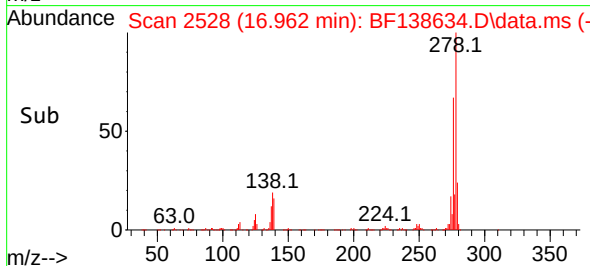
PB162159BS



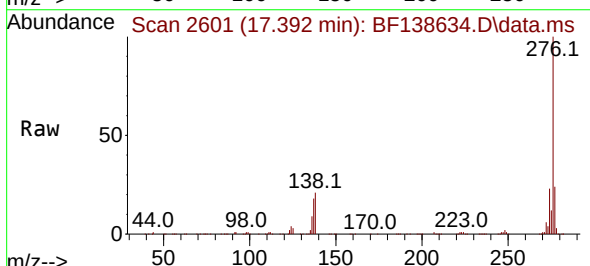
Tgt Ion:278 Resp: 44733
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 23.6 19.1 28.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.447 ng
RT: 17.392 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF138634.D
Acq: 24 Jul 2024 12:01



Tgt Ion:276 Resp: 436174
Ion Ratio Lower Upper
276 100
277 23.5 18.0 27.0
138 21.0 15.5 23.3

