

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138769.D
 Acq On : 03 Aug 2024 14:40
 Operator : RC/JU
 Sample : P3448-07MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 05 00:51:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	45415	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	186951	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	102625	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	159430	20.000	ng	0.00
76) Chrysene-d12	14.010	240	78483	20.000	ng	0.00
86) Perylene-d12	15.474	264	92586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	251103	85.350	ng	0.02
7) Phenol-d6	6.492	99	346892	87.821	ng	0.00
23) Nitrobenzene-d5	7.410	82	216155	56.529	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	77942	92.718	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	405386	59.351	ng	0.00
79) Terphenyl-d14	12.951	244	316515	67.522	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	47488	36.868	ng	94
3) Pyridine	3.451	79	119086	38.166	ng	95
4) n-Nitrosodimethylamine	3.410	42	86875	46.749	ng	93
6) Aniline	6.510	93	91778	26.054	ng	# 21
8) 2-Chlorophenol	6.634	128	150073	48.483	ng	96
9) Benzaldehyde	6.398	77	7157	3.023	ng	94
10) Phenol	6.504	94	188249	45.264	ng	96
11) bis(2-Chloroethyl)ether	6.581	93	141160	44.107	ng	98
12) 1,3-Dichlorobenzene	6.787	146	157447	45.441	ng	100
13) 1,4-Dichlorobenzene	6.863	146	159862	45.718	ng	99
14) 1,2-Dichlorobenzene	7.016	146	151757	46.439	ng	99
15) Benzyl Alcohol	6.992	79	139998	49.175	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	225440	40.931	ng	59
17) 2-Methylphenol	7.110	107	119613	46.797	ng	# 90
18) Hexachloroethane	7.351	117	59494	45.200	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	114932	48.175	ng	97
20) 3+4-Methylphenols	7.263	107	159825	48.735	ng	# 83
22) Acetophenone	7.257	105	204168	44.603	ng	97
24) Nitrobenzene	7.434	77	167875	43.144	ng	97
25) Isophorone	7.669	82	301781	46.219	ng	99
26) 2-Nitrophenol	7.745	139	80632	48.166	ng	98
27) 2,4-Dimethylphenol	7.787	122	102719	51.285	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	181737	45.707	ng	99
29) 2,4-Dichlorophenol	7.992	162	122307	47.521	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	135504	45.622	ng	99
31) Naphthalene	8.151	128	451678	45.900	ng	100
32) Benzoic acid	7.928	122	54133	34.382	ng	96
33) 4-Chloroaniline	8.198	127	43696	13.228	ng	97
34) Hexachlorobutadiene	8.263	225	81429	45.263	ng	100
35) Caprolactam	8.586	113	34275m	44.631	ng	
36) 4-Chloro-3-methylphenol	8.698	107	141596	48.139	ng	99
37) 2-Methylnaphthalene	8.839	142	295418	47.535	ng	99
38) 1-Methylnaphthalene	8.939	142	274888	45.138	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	127576	44.751	ng	98
41) Hexachlorocyclopentadiene	8.986	237	75334	98.110	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	82303	47.351	ng	98

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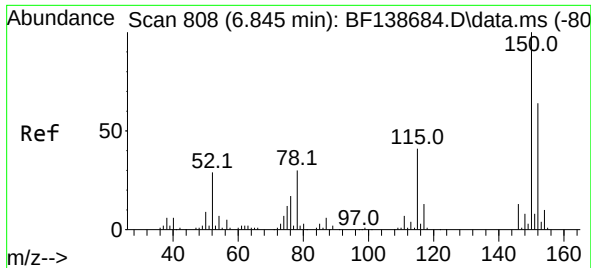
Quant Time: Aug 05 00:51:20 2024
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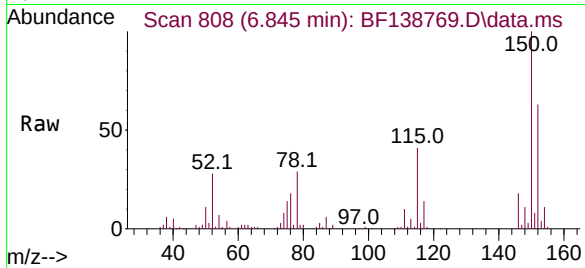
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	87725	46.167	ng	99
46) 1,1'-Biphenyl	9.304	154	347884	43.283	ng	99
47) 2-Chloronaphthalene	9.333	162	269912	45.153	ng	99
48) 2-Nitroaniline	9.433	65	90951	44.881	ng	97
49) Acenaphthylene	9.745	152	427532	50.427	ng	99
50) Dimethylphthalate	9.610	163	324949	49.520	ng	100
51) 2,6-Dinitrotoluene	9.675	165	68881	46.512	ng	98
52) Acenaphthene	9.916	154	264115	46.343	ng	99
53) 3-Nitroaniline	9.845	138	37186	24.290	ng	97
54) 2,4-Dinitrophenol	9.957	184	55584	81.536	ng	89
55) Dibenzofuran	10.092	168	382493	47.544	ng	99
56) 4-Nitrophenol	10.022	139	71907	78.106	ng	97
57) 2,4-Dinitrotoluene	10.080	165	92931	49.185	ng	95
58) Fluorene	10.433	166	311599	48.638	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	68534	47.176	ng	98
60) Diethylphthalate	10.304	149	316736	50.907	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	152674	48.455	ng	98
62) 4-Nitroaniline	10.463	138	60915	41.870	ng	96
63) Azobenzene	10.586	77	325194	47.125	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	46570	47.879	ng	99
66) n-Nitrosodiphenylamine	10.545	169	257573	51.686	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	87223	50.531	ng	99
68) Hexachlorobenzene	10.980	284	88025	49.390	ng	96
69) Atrazine	11.075	200	75713	58.887	ng	99
70) Pentachlorophenol	11.180	266	65332	81.326	ng	98
71) Phenanthrene	11.398	178	464690	56.605	ng	100
72) Anthracene	11.451	178	425027	52.554	ng	99
73) Carbazole	11.604	167	323348	46.342	ng	99
74) Di-n-butylphthalate	11.927	149	452517	57.692	ng	99
75) Fluoranthene	12.586	202	410831	53.606	ng	99
77) Benzidine	12.704	184	64780	34.509	ng	98
78) Pyrene	12.816	202	411126	55.637	ng	100
80) Butylbenzylphthalate	13.427	149	135540	57.279	ng	95
81) Benzo(a)anthracene	14.004	228	298736	55.275	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	42075	30.422	ng	97
83) Chrysene	14.039	228	251065	51.491	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	180500	52.092	ng	99
85) Di-n-octyl phthalate	14.592	149	295027	46.020	ng	96
87) Indeno(1,2,3-cd)pyrene	16.962	276	296257	44.650	ng	97
88) Benzo(b)fluoranthene	15.051	252	315089	54.899	ng	99
89) Benzo(k)fluoranthene	15.080	252	224266	45.130	ng	98
90) Benzo(a)pyrene	15.421	252	265105	54.914	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	236066	43.342	ng	99
92) Benzo(g,h,i)perylene	17.404	276	219340	38.808	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF138769.D
 Acq: 03 Aug 2024 14:40

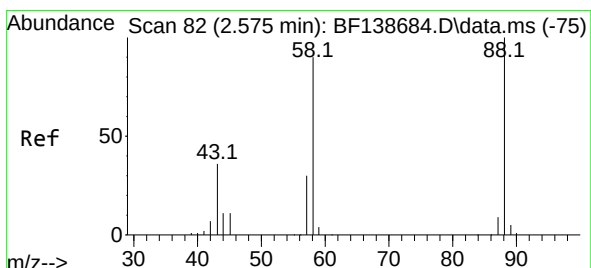
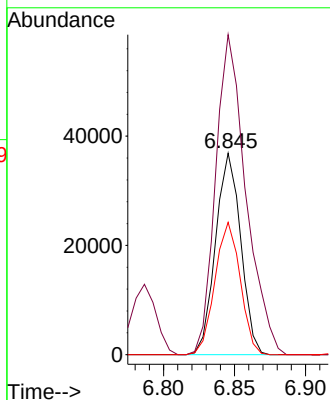
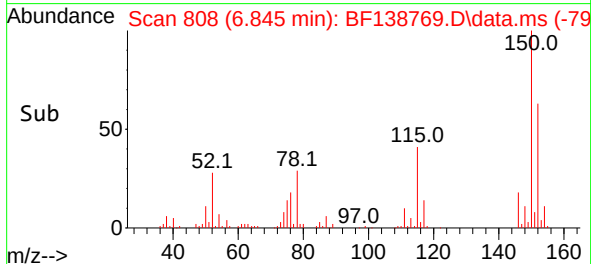
Instrument :
 BNA_F
 ClientSampleId :
 TP4MS



Tgt Ion:152 Resp: 4541
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.0 189.0
 115 65.7 51.7 77.5

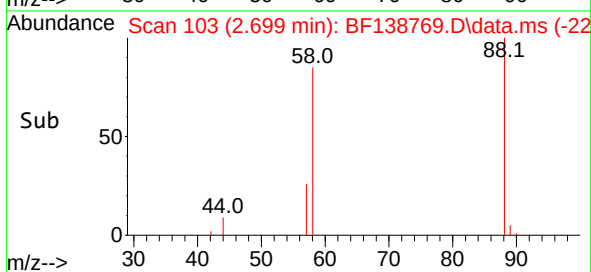
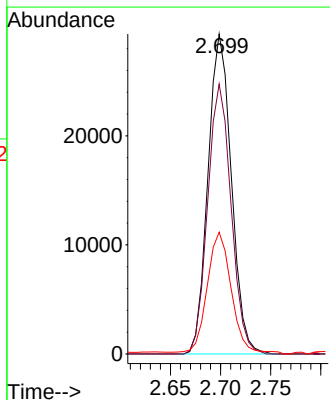
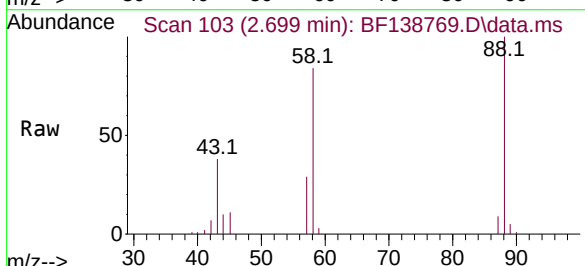
Manual Integrations
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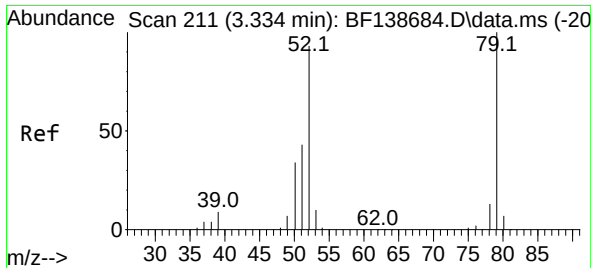
Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024



#2
 1,4-Dioxane
 Concen: 36.868 ng
 RT: 2.699 min Scan# 103
 Delta R.T. 0.123 min
 Lab File: BF138769.D
 Acq: 03 Aug 2024 14:40

Tgt Ion: 88 Resp: 47488
 Ion Ratio Lower Upper
 88 100
 58 84.7 71.6 107.4
 43 39.9 28.7 43.1





#3

Pyridine

Concen: 38.166 ng

RT: 3.451 min Scan# 211

Delta R.T. 0.118 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion: 79 Resp: 11908

Ion Ratio Lower Upper

79 100

52 86.9 74.7 112.1

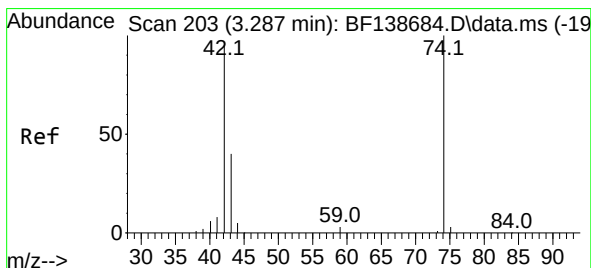
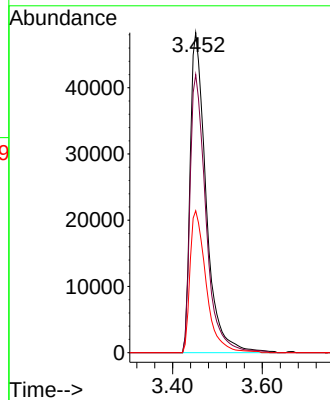
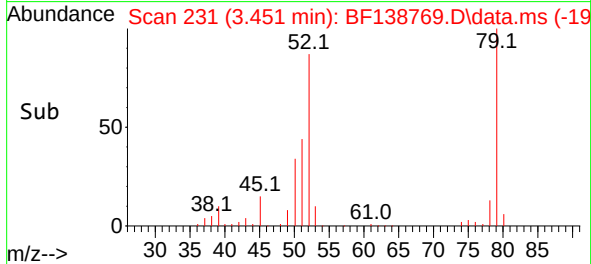
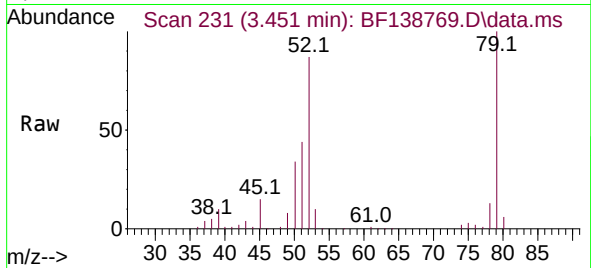
51 44.4 34.6 51.8

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#4

n-Nitrosodimethylamine

Concen: 46.749 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.123 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

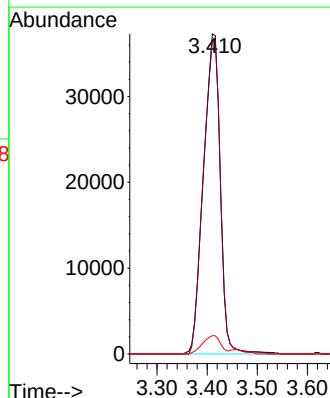
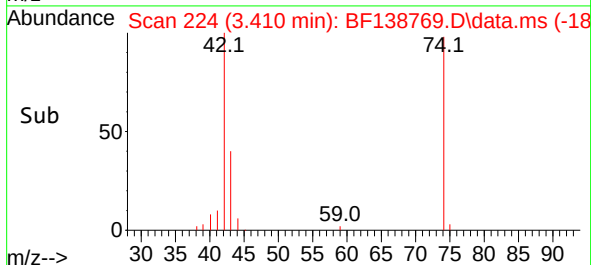
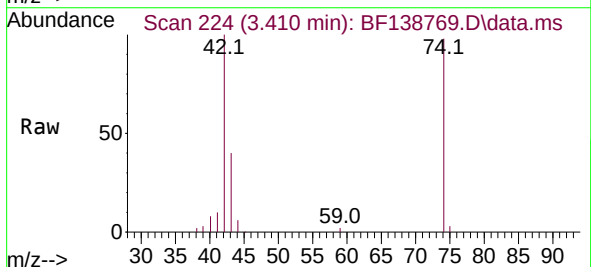
Tgt Ion: 42 Resp: 86875

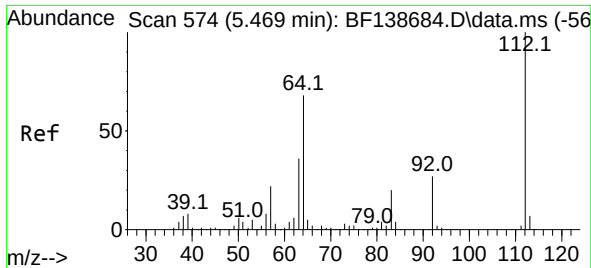
Ion Ratio Lower Upper

42 100

74 97.7 84.2 126.4

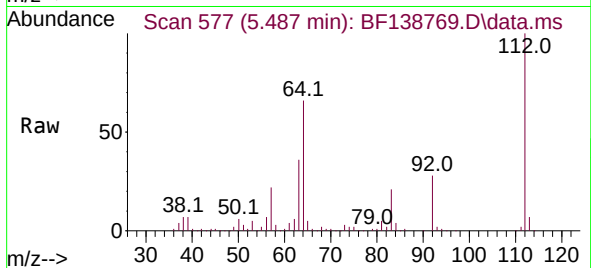
44 5.7 4.9 7.3





#5
2-Fluorophenol
Concen: 85.350 ng
RT: 5.487 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

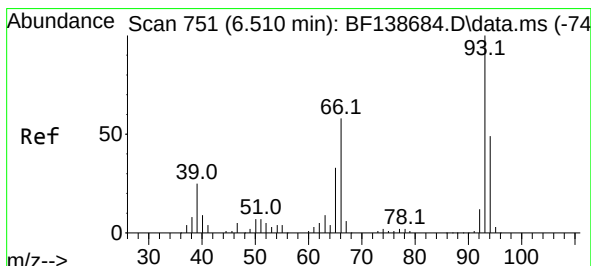
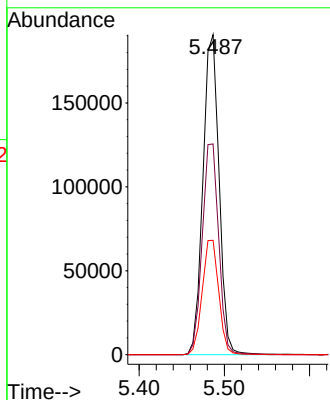
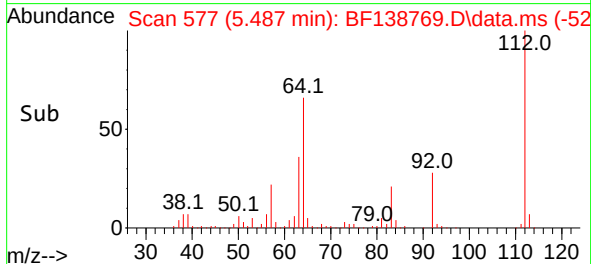
Instrument :
BNA_F
ClientSampleId :
TP4MS



Tgt Ion:112 Resp: 25110
Ion Ratio Lower Upper
112 100
64 65.8 54.2 81.4
63 35.8 28.7 43.1

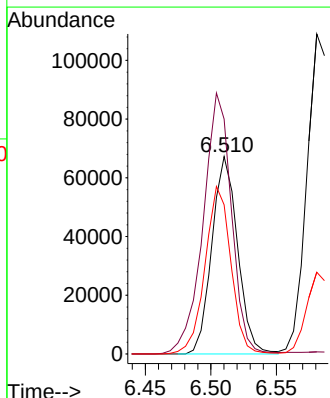
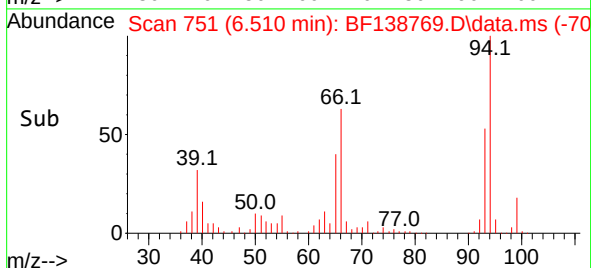
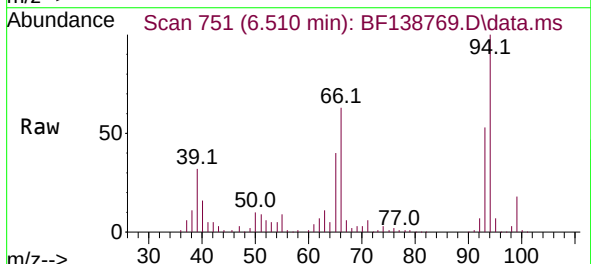
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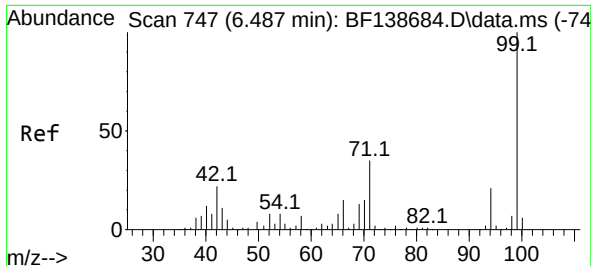
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#6
Aniline
Concen: 26.054 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion: 93 Resp: 91778
Ion Ratio Lower Upper
93 100
66 118.9 46.9 70.3#
65 75.5 26.5 39.7#





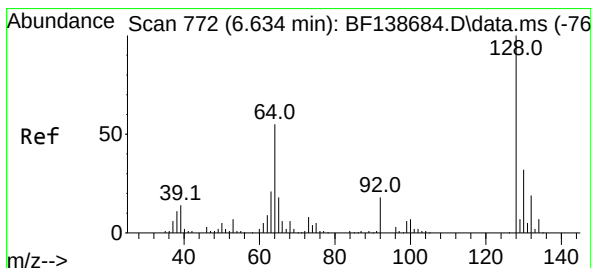
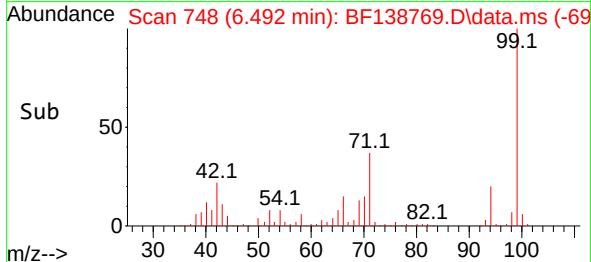
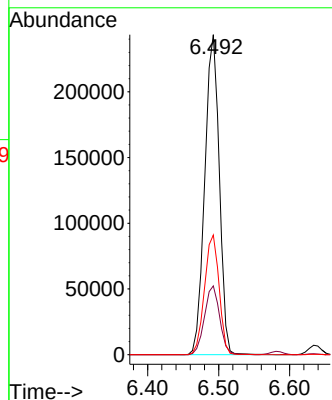
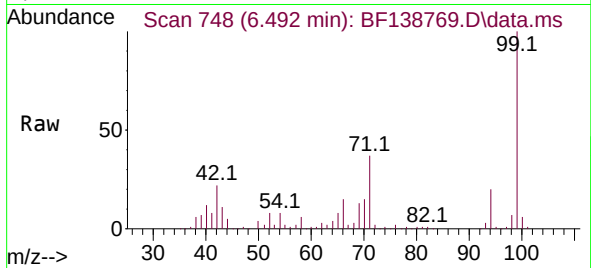
#7
Phenol-d6
Concen: 87.821 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :
BNA_F
ClientSampleId :
TP4MS

Tgt Ion: 99 Resp: 346892
Ion Ratio Lower Upper
99 100
42 21.5 17.4 26.0
71 37.4 28.1 42.1

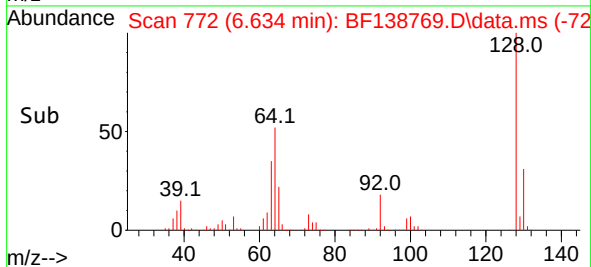
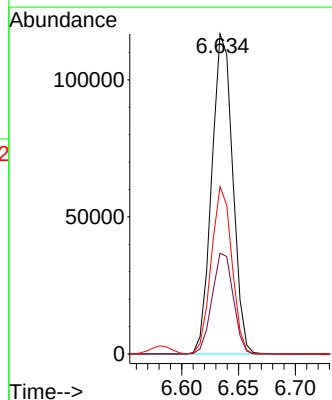
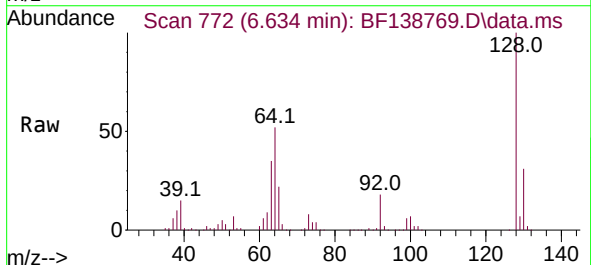
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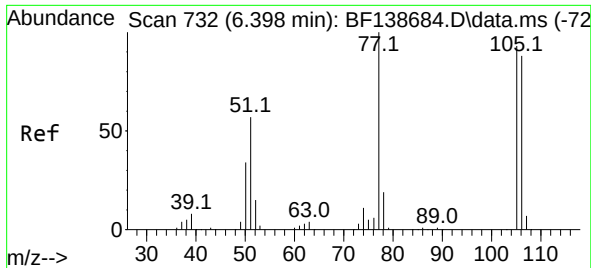
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#8
2-Chlorophenol
Concen: 48.483 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

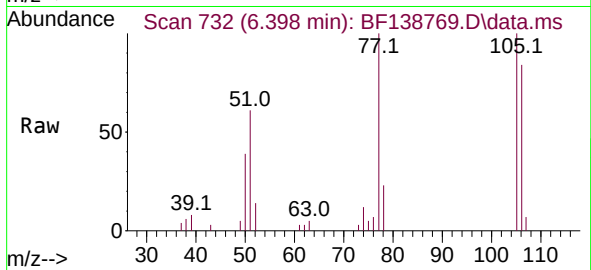
Tgt Ion:128 Resp: 150073
Ion Ratio Lower Upper
128 100
130 31.5 12.0 52.0
64 52.3 36.3 76.3





#9
Benzaldehyde
Concen: 3.023 ng
RT: 6.398 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

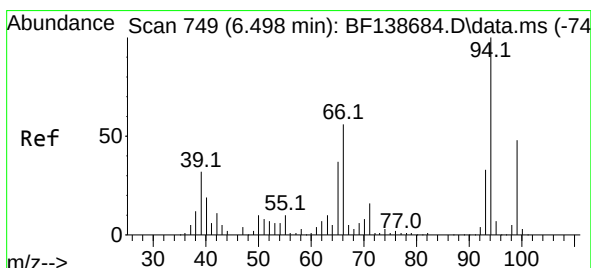
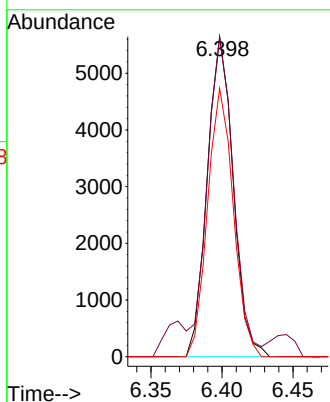
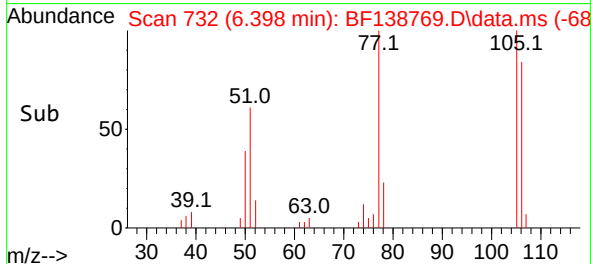
Instrument :
BNA_F
ClientSampleId :
TP4MS



Tgt Ion: 77 Resp: 715
Ion Ratio Lower Upper
77 100
105 99.6 72.9 112.9
106 83.8 68.4 108.4

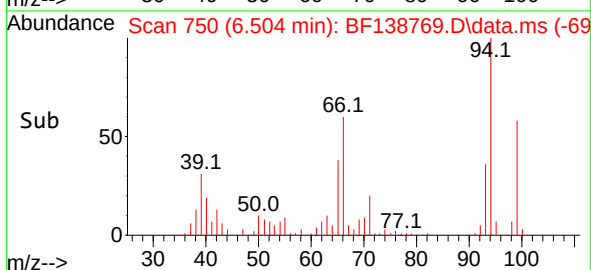
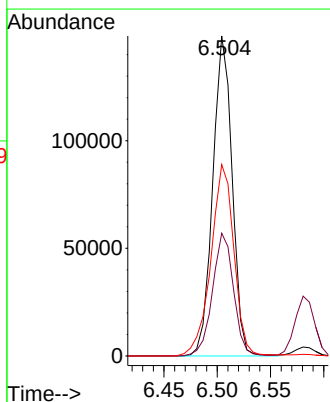
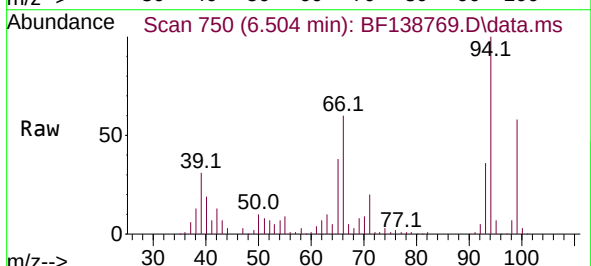
Manual Integrations
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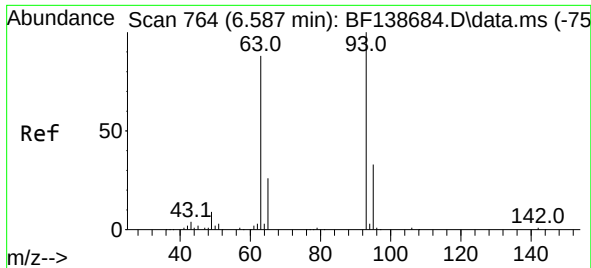
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Phenol
Concen: 45.264 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion: 94 Resp: 188249
Ion Ratio Lower Upper
94 100
65 38.4 16.9 56.9
66 59.8 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 44.107 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

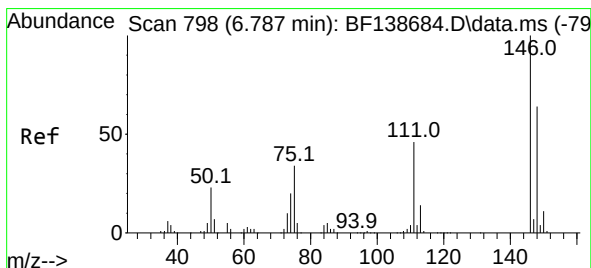
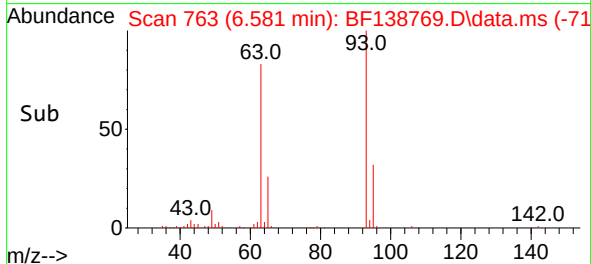
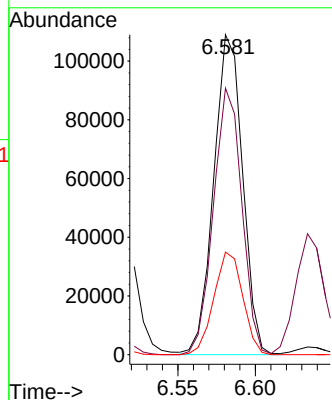
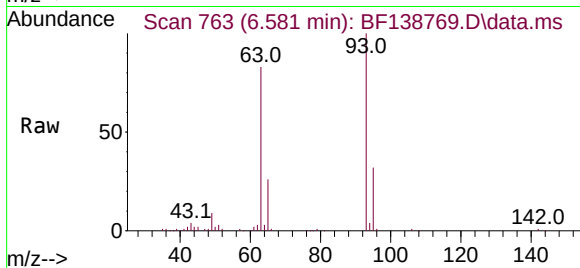
ClientSampleId :

TP4MS

Tgt Ion: 93 Resp: 141160
Ion Ratio Lower Upper
93 100
63 83.3 65.3 105.3
95 32.0 12.4 52.4

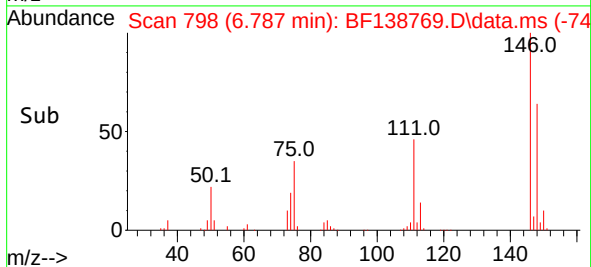
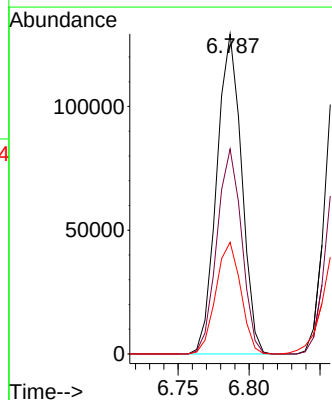
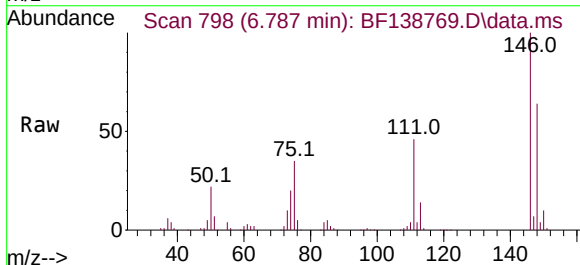
Manual Integrations
APPROVED

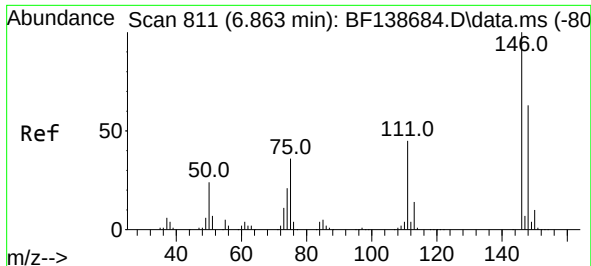
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#12
1,3-Dichlorobenzene
Concen: 45.441 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:146 Resp: 157447
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 34.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.718 ng

RT: 6.863 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion:146 Resp: 159862

Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.2

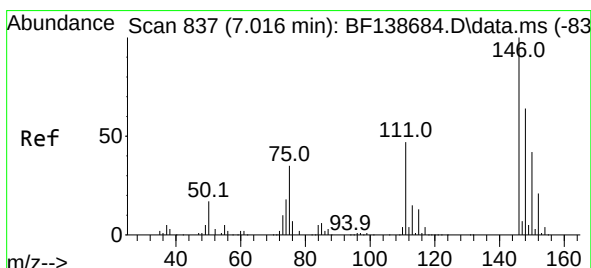
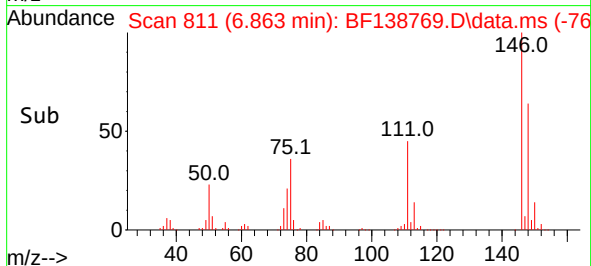
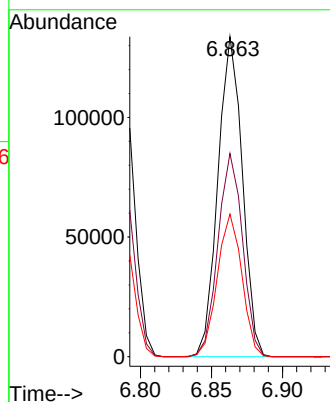
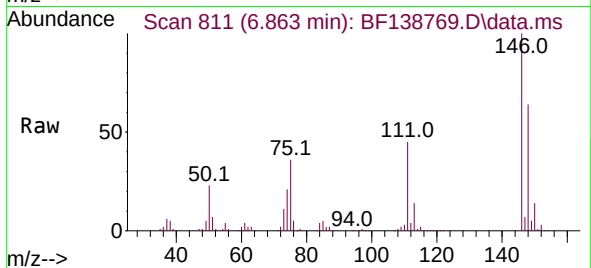
111 44.6 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#14

1,2-Dichlorobenzene

Concen: 46.439 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

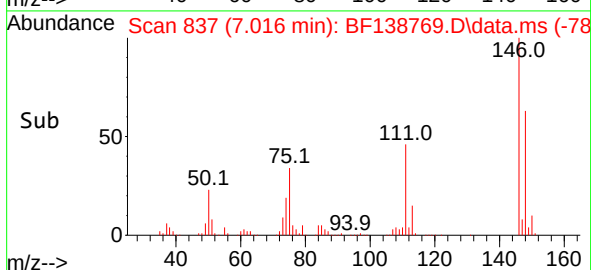
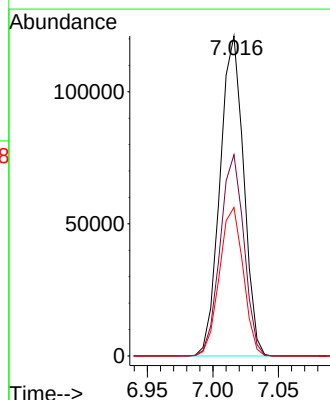
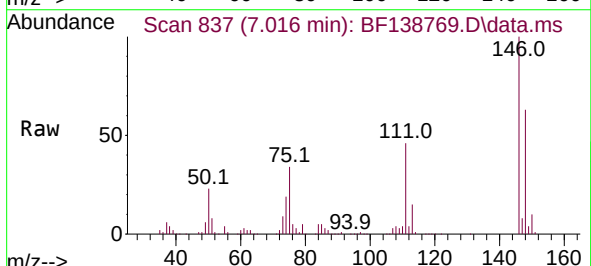
Tgt Ion:146 Resp: 151757

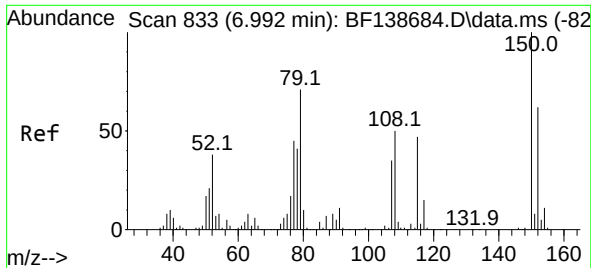
Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

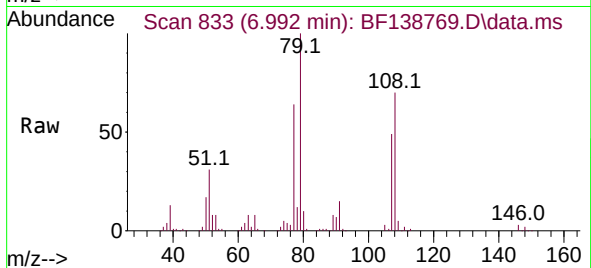
111 46.4 37.4 56.2





#15
Benzyl Alcohol
Concen: 49.175 ng
RT: 6.992 min Scan# 833
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

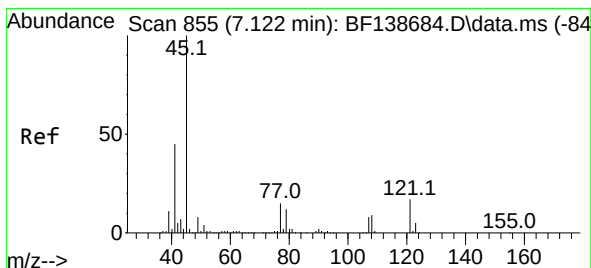
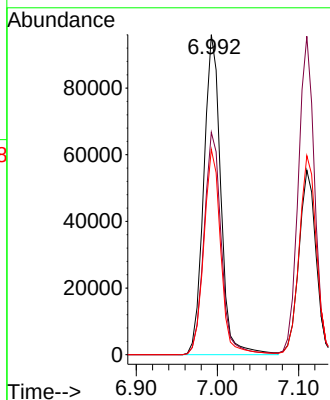
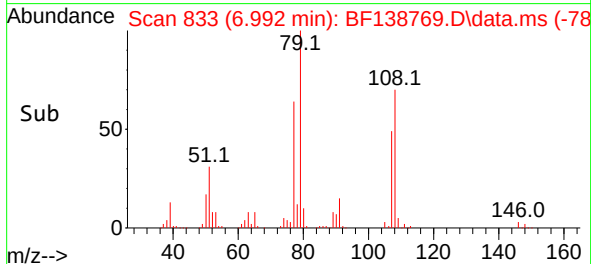
Instrument :
BNA_F
ClientSampleId :
TP4MS



Tgt Ion: 79 Resp: 139998
Ion Ratio Lower Upper
79 100
108 69.5 56.6 85.0
77 64.1 50.3 75.5

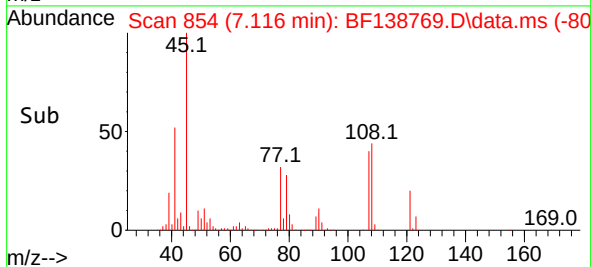
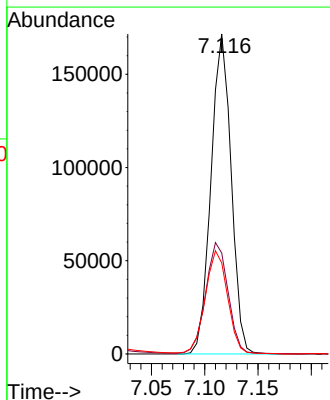
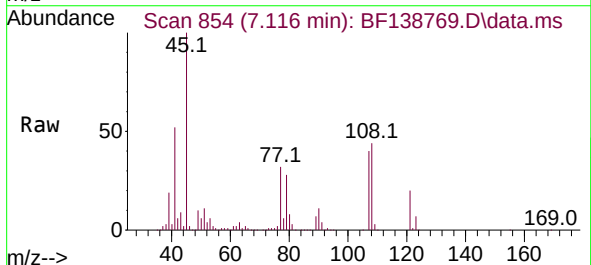
Manual Integrations
APPROVED

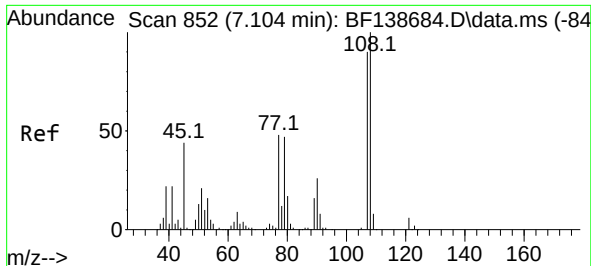
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.931 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

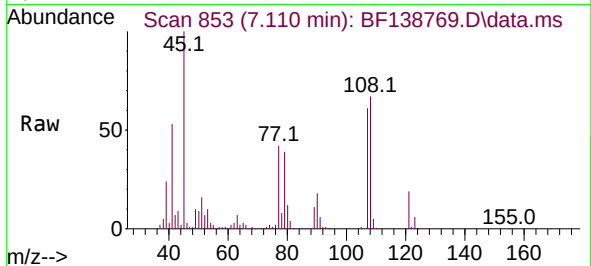
Tgt Ion: 45 Resp: 225440
Ion Ratio Lower Upper
45 100
77 31.5 0.0 34.9
79 28.4 0.0 32.2





#17
2-Methylphenol
Concen: 46.797 ng
RT: 7.110 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

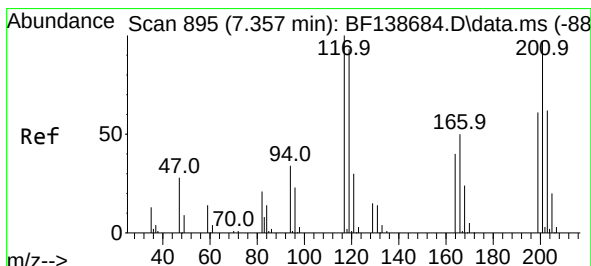
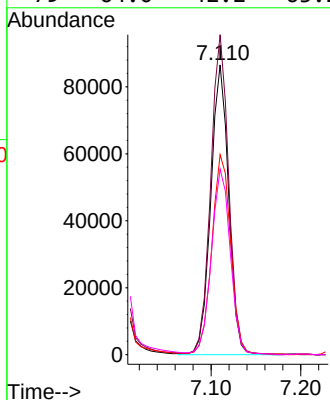
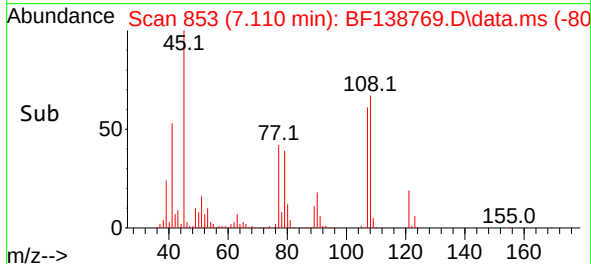
Instrument :
BNA_F
ClientSampleId :
TP4MS



Tgt Ion:107 Resp: 11961
Ion Ratio Lower Upper
107 100
108 110.4 89.2 133.8
77 69.0 43.0 64.4
79 64.0 42.2 63.2#

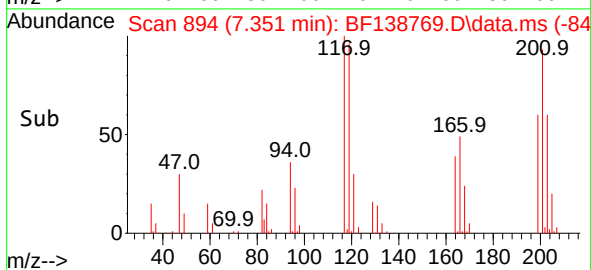
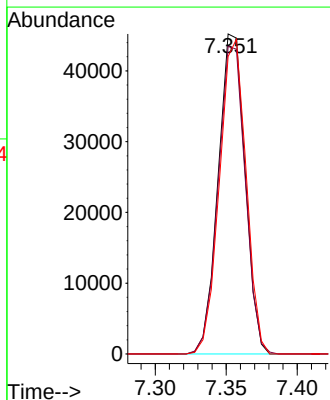
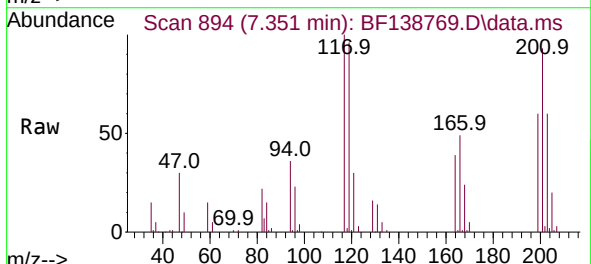
Manual Integrations
APPROVED

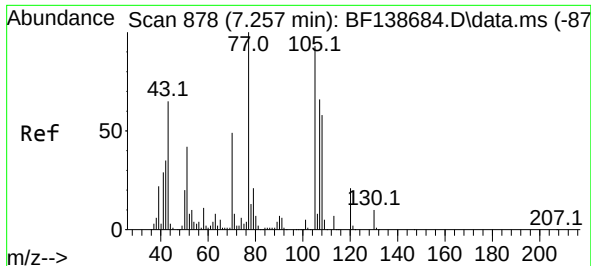
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#18
Hexachloroethane
Concen: 45.200 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

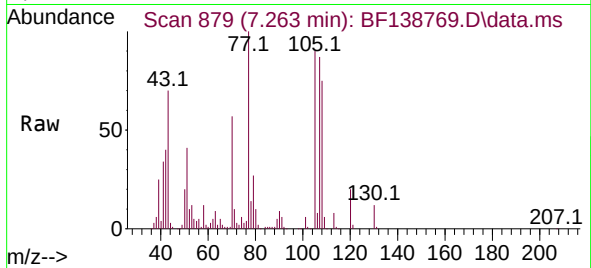
Tgt Ion:117 Resp: 59494
Ion Ratio Lower Upper
117 100
119 96.1 74.6 111.8
201 93.0 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 48.175 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

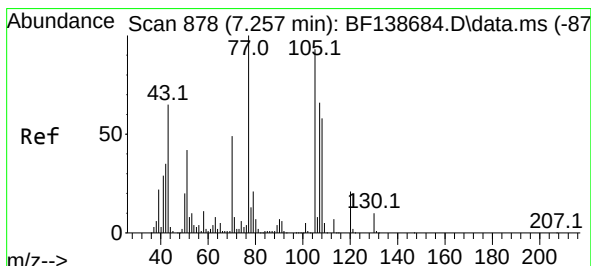
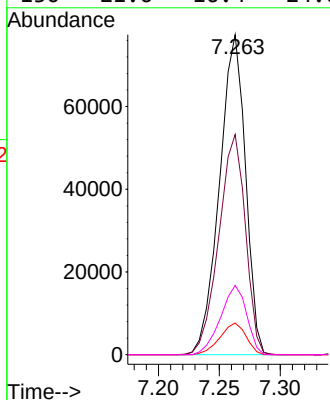
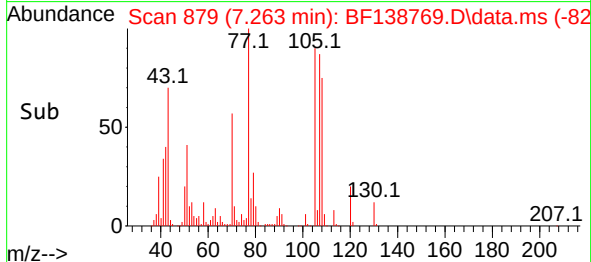
Instrument :
BNA_F
ClientSampleId :
TP4MS



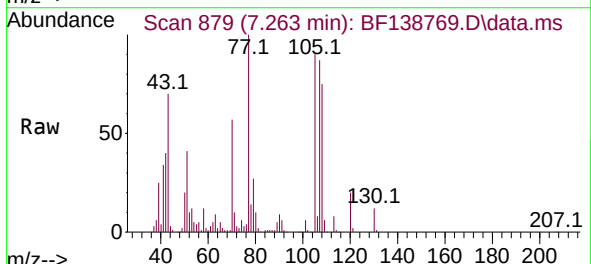
Tgt Ion: 70 Resp: 114932
Ion Ratio Lower Upper
70 100
42 68.8 57.4 86.0
101 9.9 7.5 11.3
130 21.6 16.4 24.6

Manual Integrations
APPROVED

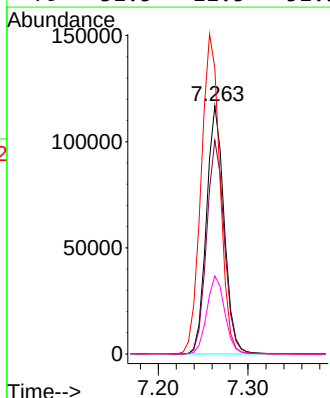
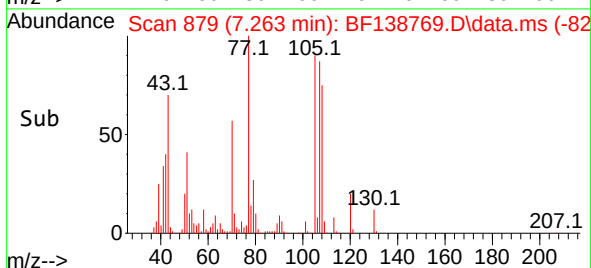
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

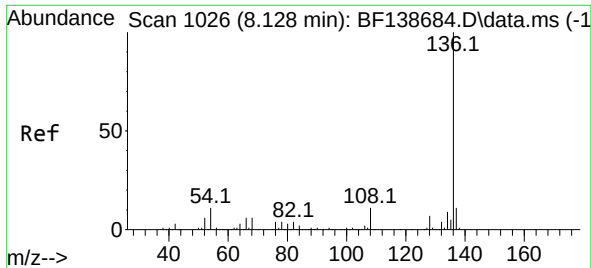


#20
3+4-Methylphenols
Concen: 48.735 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



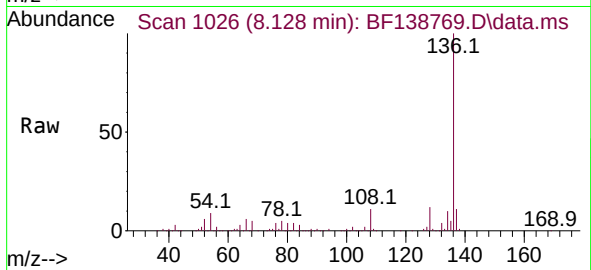
Tgt Ion:107 Resp: 159825
Ion Ratio Lower Upper
107 100
108 86.1 68.2 108.2
77 115.2 132.1 172.1#
79 31.5 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

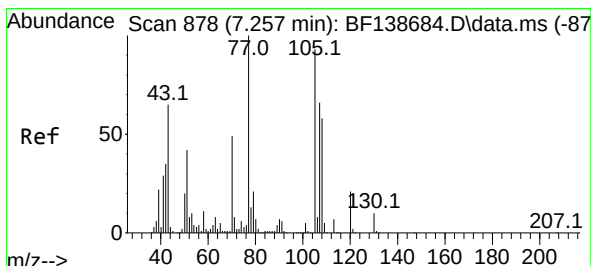
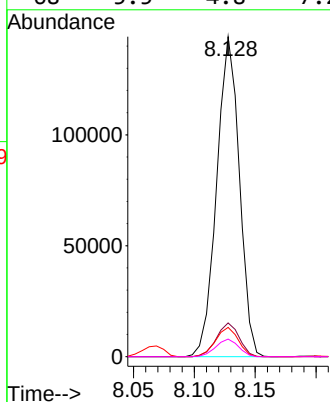
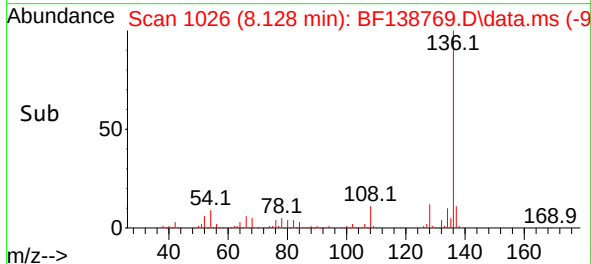
Instrument :
BNA_F
ClientSampleId :
TP4MS



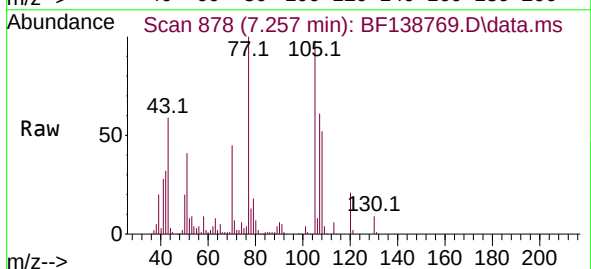
Tgt Ion:136 Resp: 18695
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.2 8.6 12.8
68 5.5 4.8 7.2

Manual Integrations
APPROVED

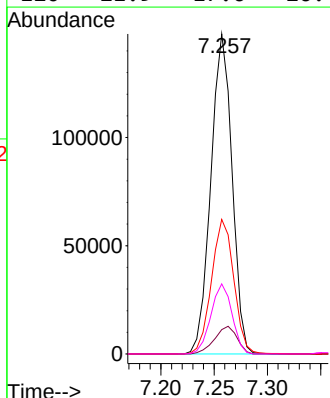
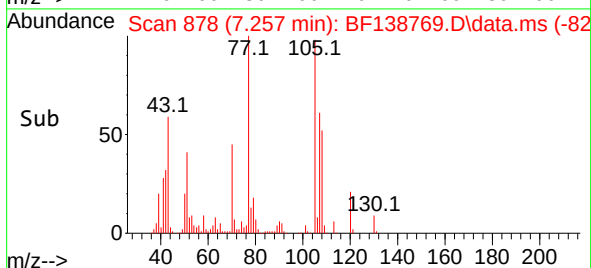
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

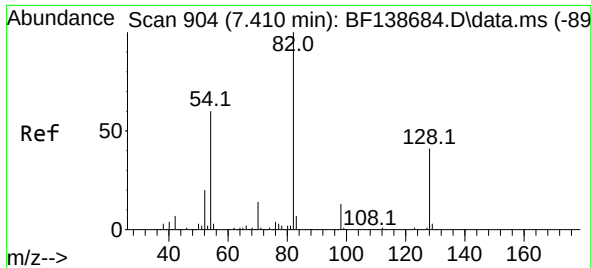


#22
Acetophenone
Concen: 44.603 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



Tgt Ion:105 Resp: 204168
Ion Ratio Lower Upper
105 100
71 7.6 7.2 10.8
51 42.1 35.9 53.9
120 21.9 17.6 26.4





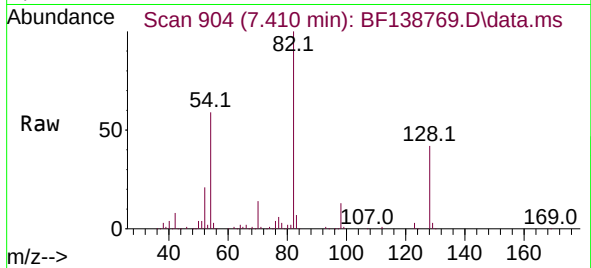
#23
Nitrobenzene-d5
Concen: 56.529 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

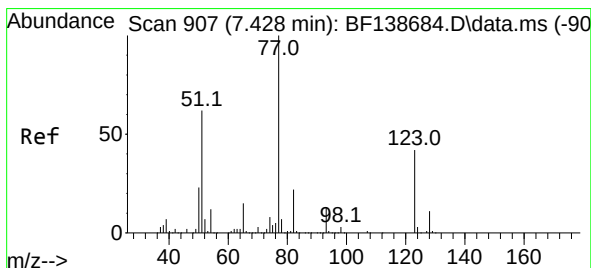
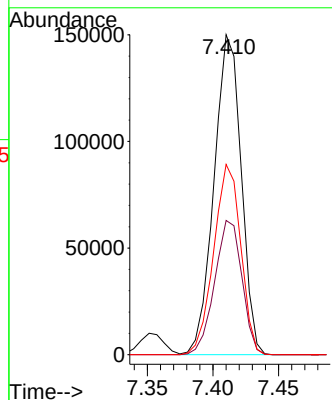
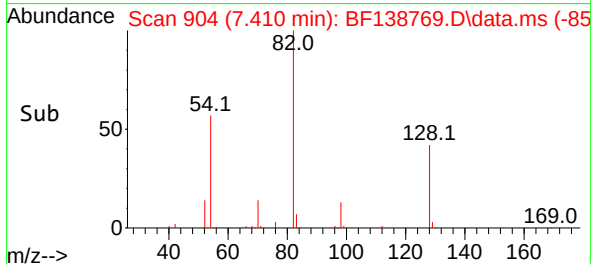


Tgt Ion: 82 Resp: 21615
Ion Ratio Lower Upper
82 100
128 41.9 32.8 49.2
54 59.4 48.3 72.5

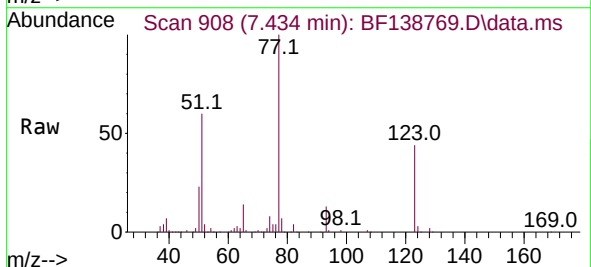
Manual Integrations

APPROVED

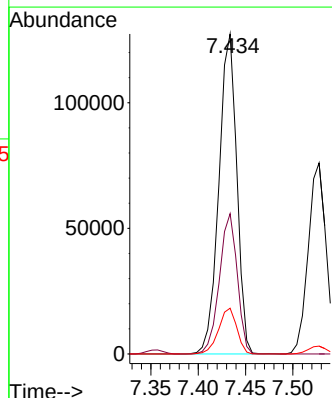
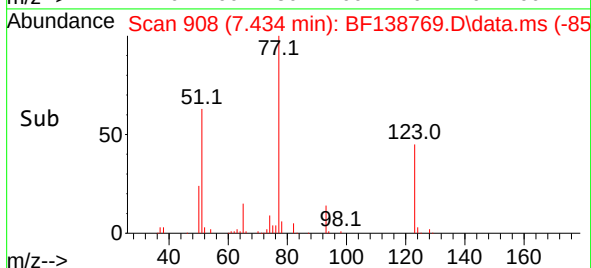
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

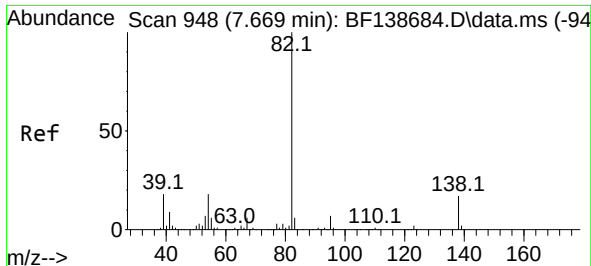


#24
Nitrobenzene
Concen: 43.144 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



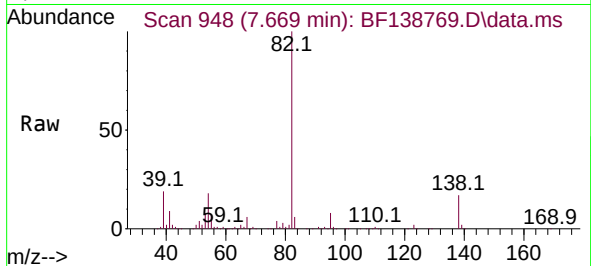
Tgt Ion: 77 Resp: 167875
Ion Ratio Lower Upper
77 100
123 43.8 33.3 49.9
65 14.3 11.9 17.9





#25
Isophorone
Concen: 46.219 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

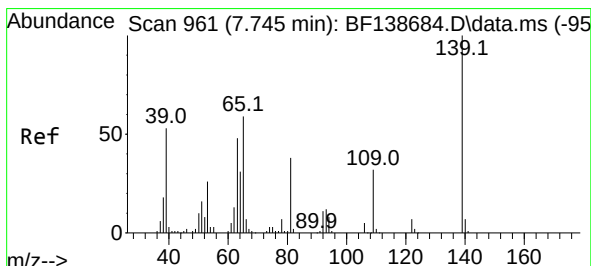
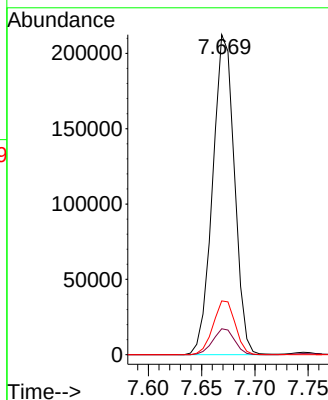
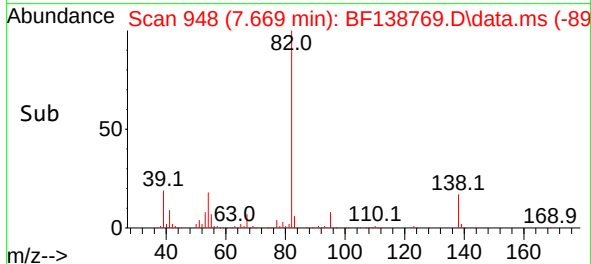
Instrument :
BNA_F
Client Sample Id :
TP4MS



Tgt Ion: 82 Resp: 30178
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.8 13.7 20.5

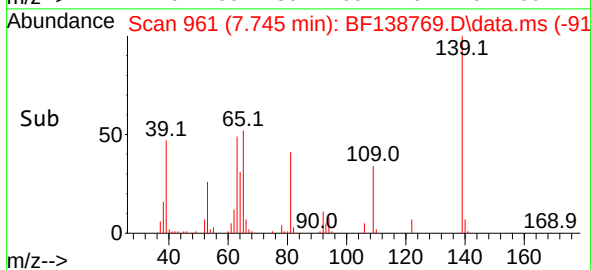
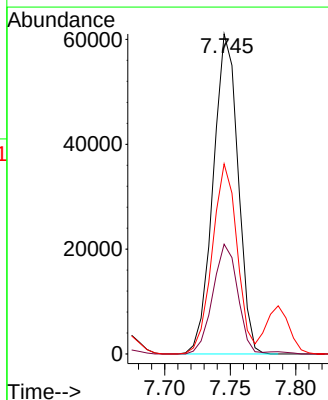
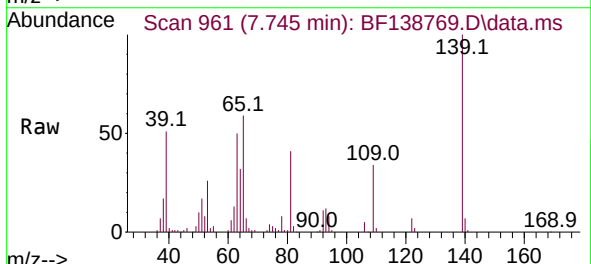
Manual Integrations
APPROVED

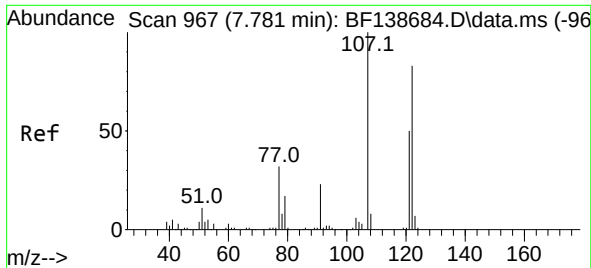
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#26
2-Nitrophenol
Concen: 48.166 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

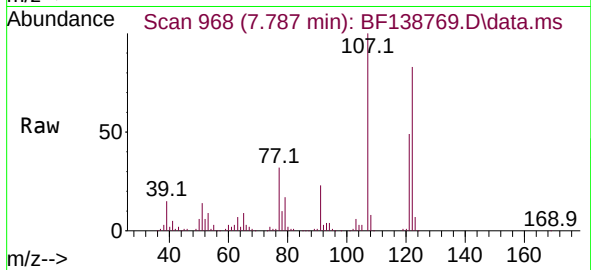
Tgt Ion:139 Resp: 80632
Ion Ratio Lower Upper
139 100
109 34.3 25.9 38.9
65 59.4 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 51.285 ng
RT: 7.787 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

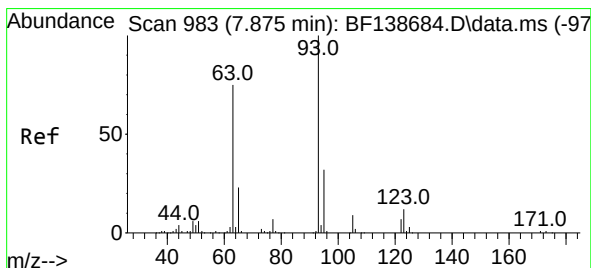
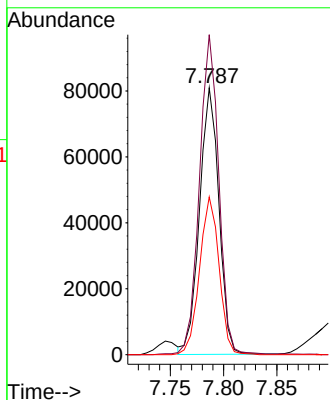
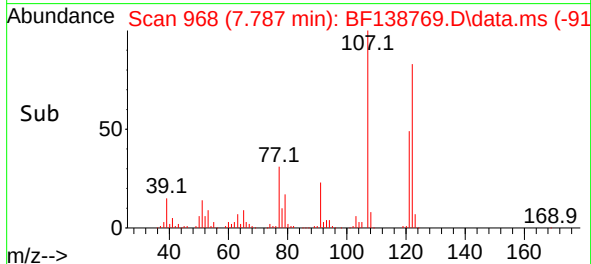
Instrument :
BNA_F
ClientSampleId :
TP4MS



Tgt Ion:122 Resp: 102719
Ion Ratio Lower Upper
122 100
107 119.9 95.0 142.6
121 59.1 47.3 70.9

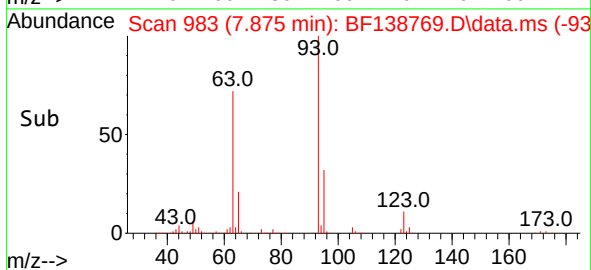
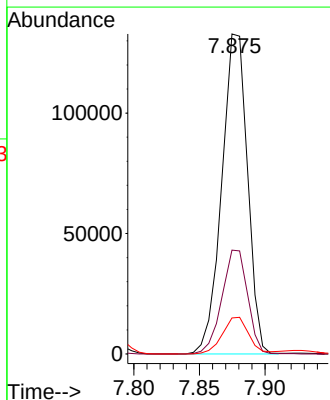
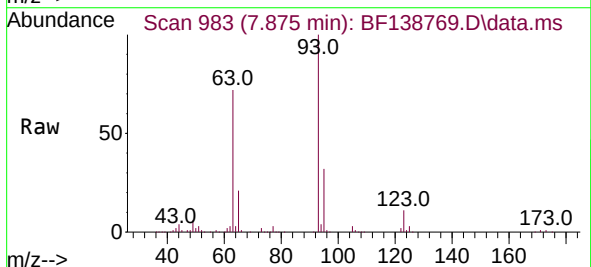
Manual Integrations
APPROVED

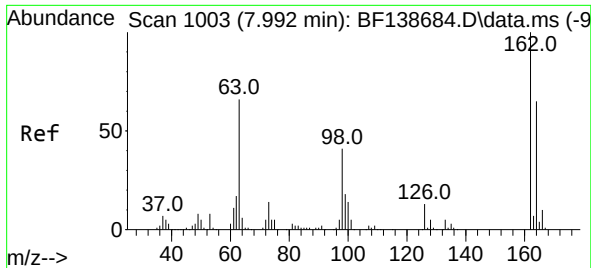
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.707 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion: 93 Resp: 181737
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.521 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138769.D

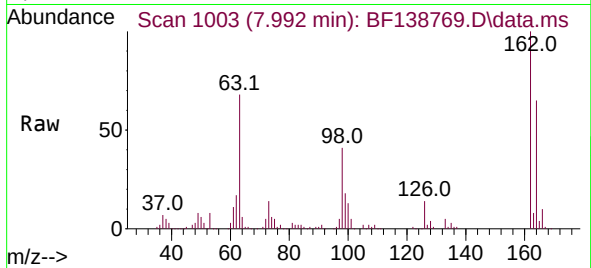
Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS



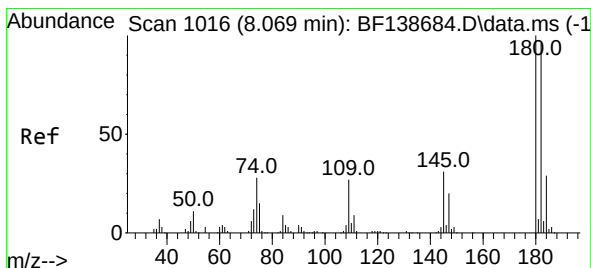
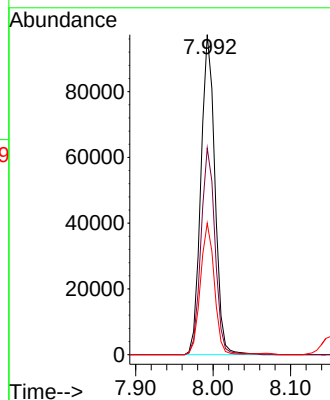
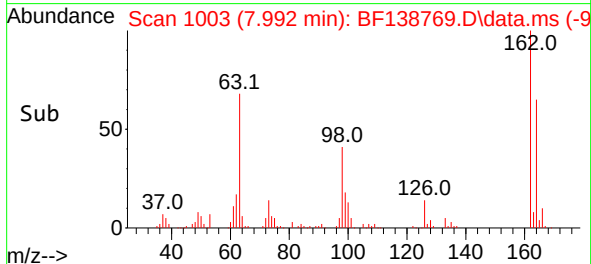
Tgt Ion:	162	Resp:	12230
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.7	84.7
98	41.1	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.622 ng

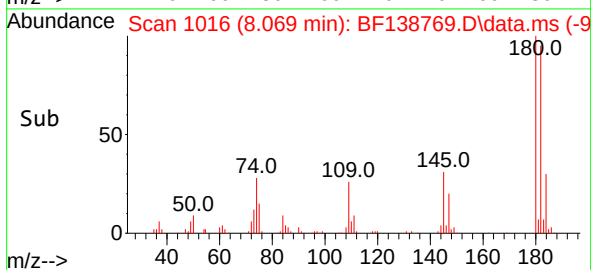
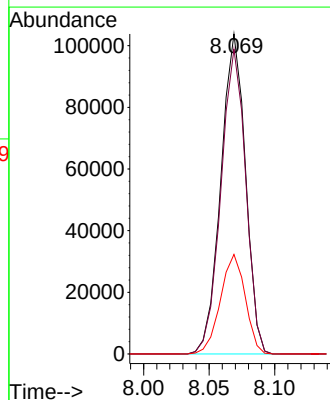
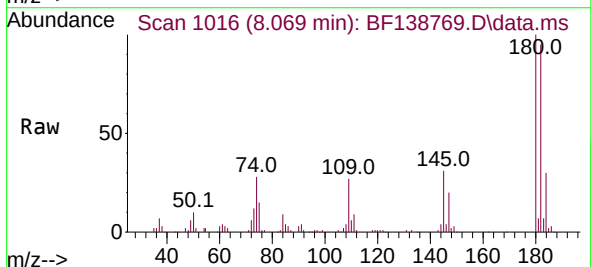
RT: 8.069 min Scan# 1016

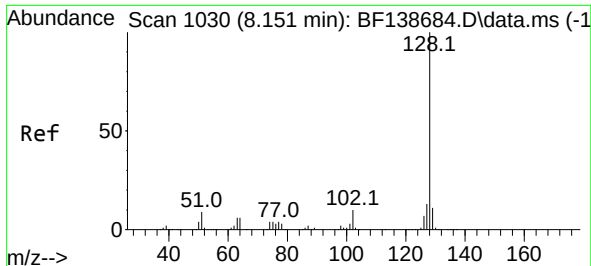
Delta R.T. 0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

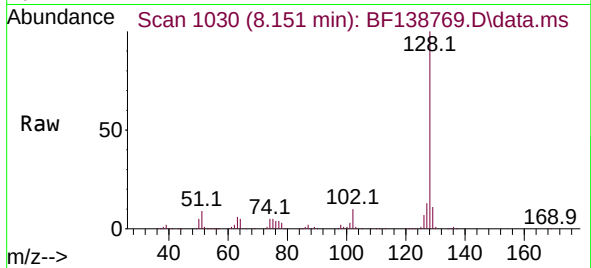
Tgt Ion:	180	Resp:	135504
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.9	115.3
145	31.1	25.0	37.4





#31
Naphthalene
Concen: 45.900 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

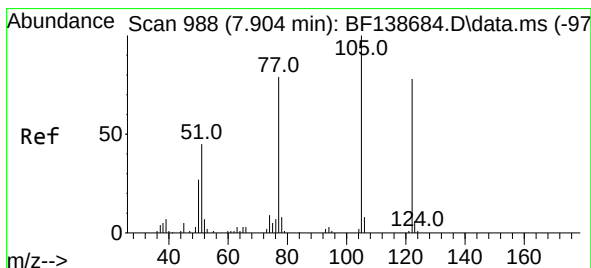
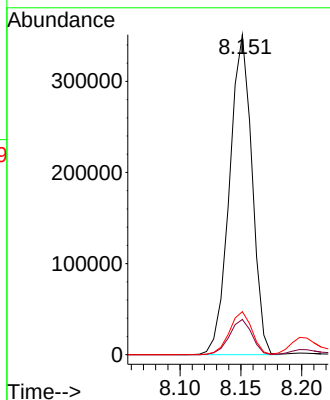
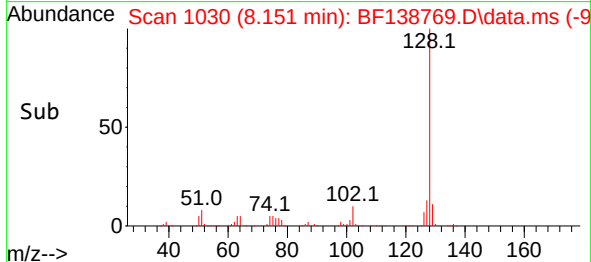
Instrument :
BNA_F
ClientSampleId :
TP4MS



Tgt Ion:128 Resp: 451678
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.6 16.0

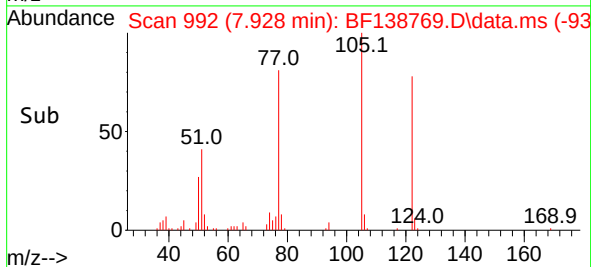
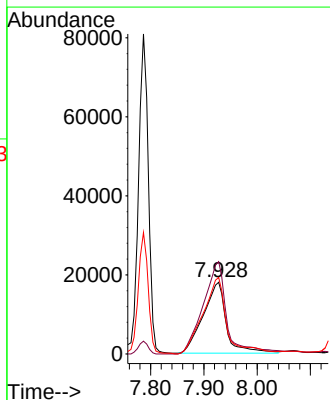
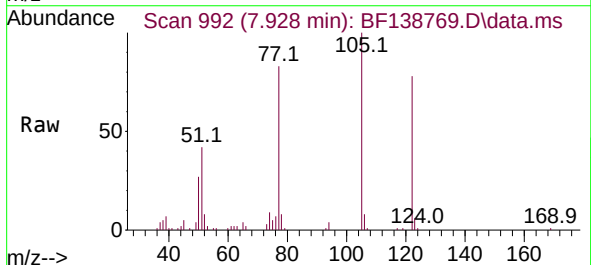
Manual Integrations
APPROVED

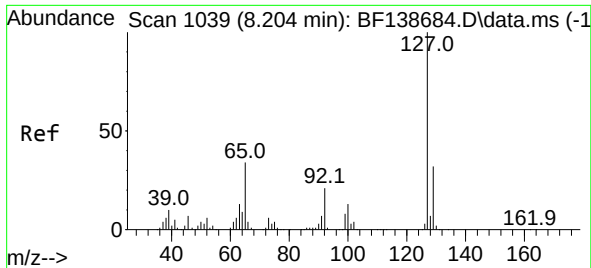
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#32
Benzoic acid
Concen: 34.382 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.024 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:122 Resp: 54133
Ion Ratio Lower Upper
122 100
105 128.9 106.7 146.7
77 106.9 81.1 121.1





#33
4-Chloroaniline
Concen: 13.228 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

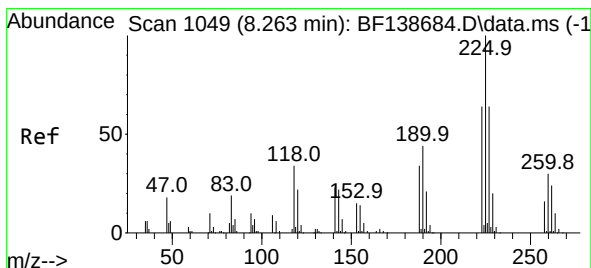
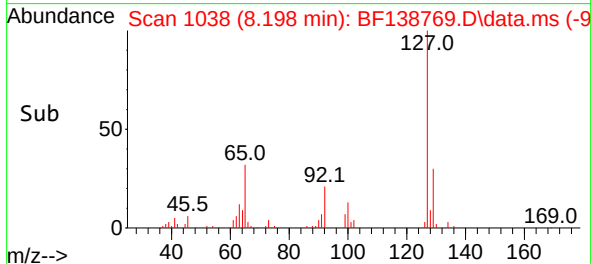
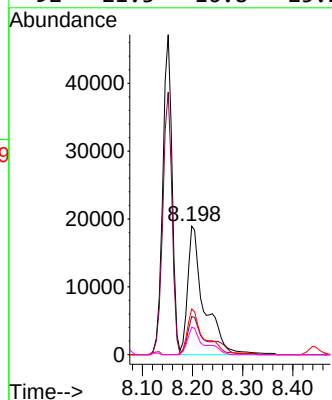
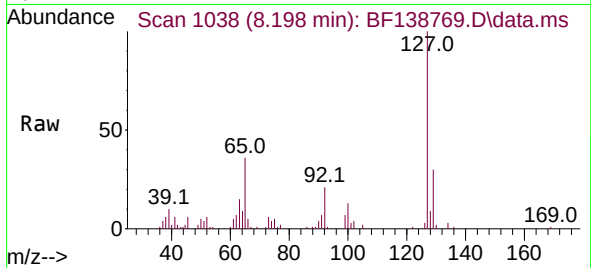
TP4MS

Tgt Ion:	127	Resp:	43690
Ion Ratio	Lower	Upper	
127	100		
129	29.7	25.9	38.9
65	35.6	27.6	41.4
92	21.3	16.8	25.2

Manual Integrations

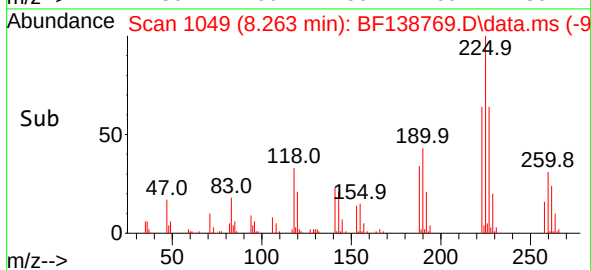
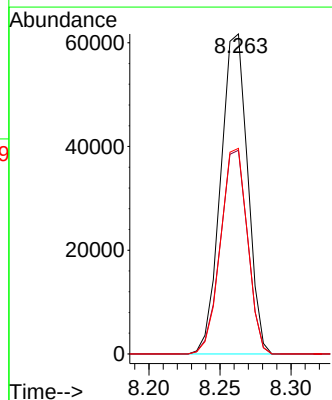
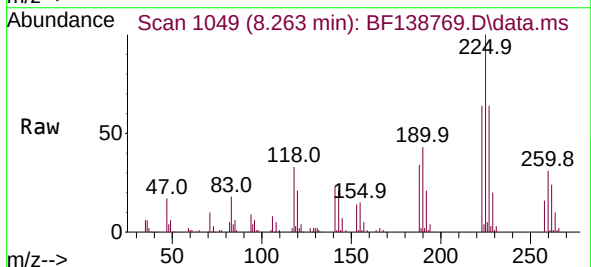
APPROVED

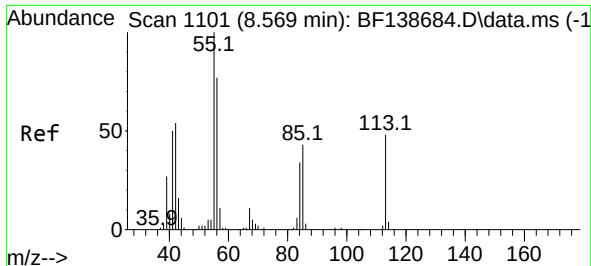
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#34
Hexachlorobutadiene
Concen: 45.263 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

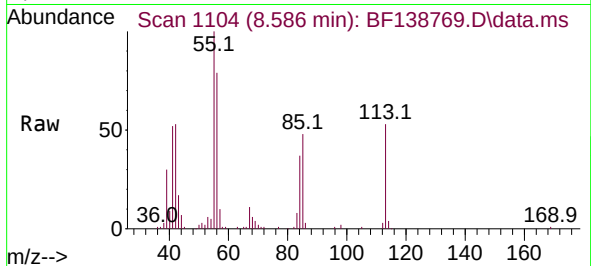
Tgt Ion:	225	Resp:	81429
Ion Ratio	Lower	Upper	
225	100		
223	63.6	51.2	76.8
227	64.2	51.1	76.7





#35
Caprolactam
Concen: 44.631 ng m
RT: 8.586 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

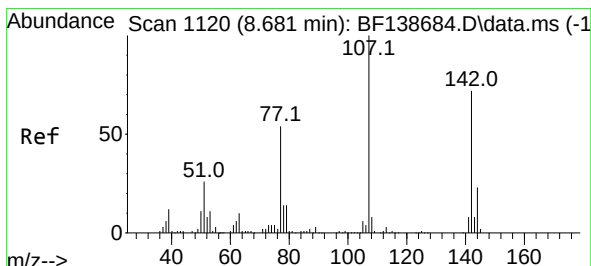
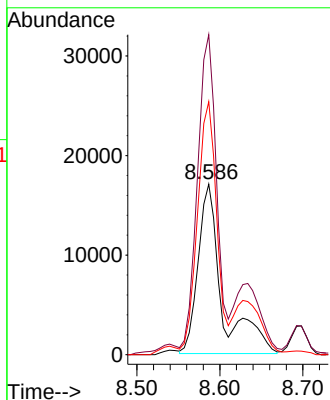
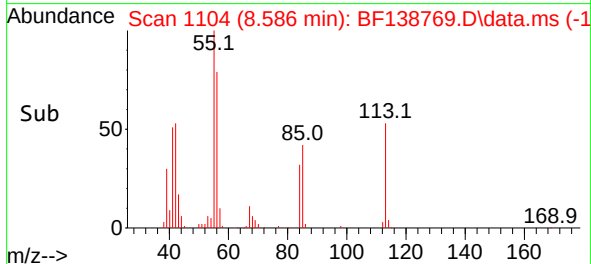
Instrument :
BNA_F
ClientSampleId :
TP4MS



Tgt Ion:113 Resp: 3427
Ion Ratio Lower Upper
113 100
55 187.7 186.7 226.7
56 148.3 138.9 178.9

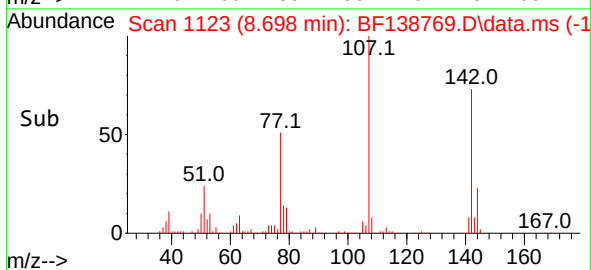
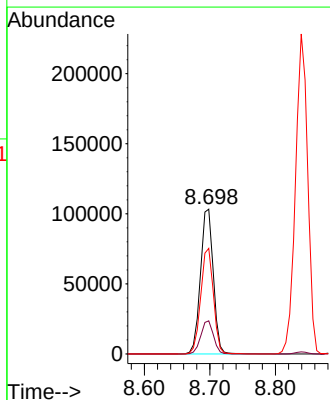
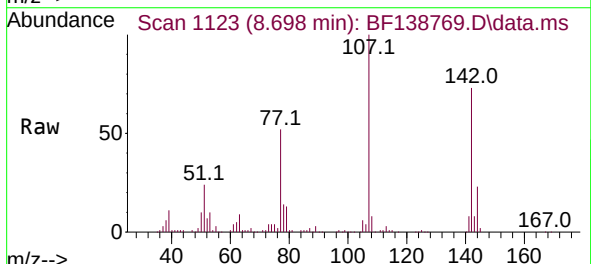
Manual Integrations
APPROVED

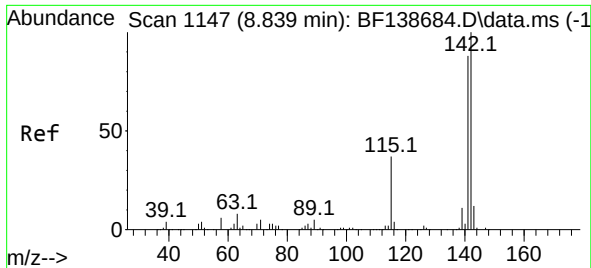
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#36
4-Chloro-3-methylphenol
Concen: 48.139 ng
RT: 8.698 min Scan# 1123
Delta R.T. 0.018 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:107 Resp: 141596
Ion Ratio Lower Upper
107 100
144 22.8 18.2 27.2
142 73.0 57.4 86.2





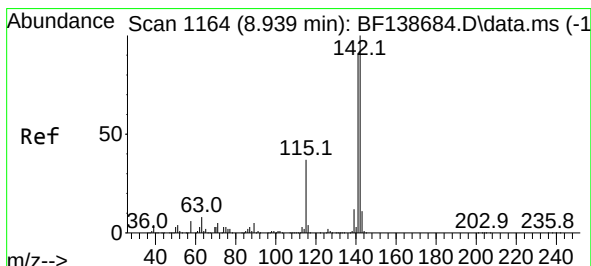
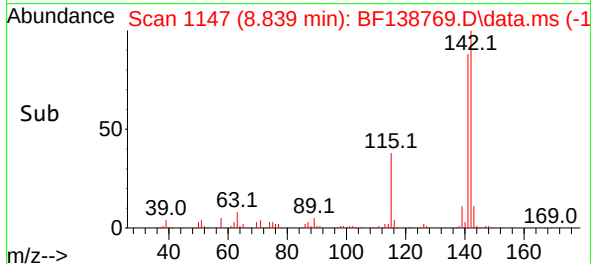
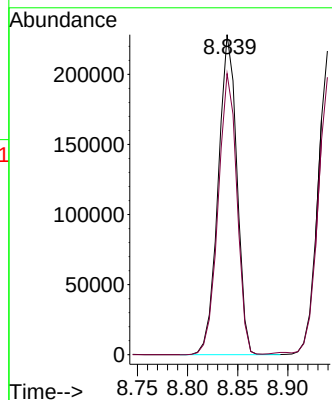
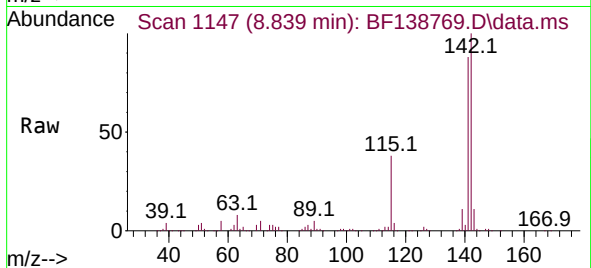
#37
2-Methylnaphthalene
Concen: 47.535 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :
BNA_F
ClientSampleId :
TP4MS

Tgt Ion:142 Resp: 295418
Ion Ratio Lower Upper
142 100
141 87.8 70.8 106.2

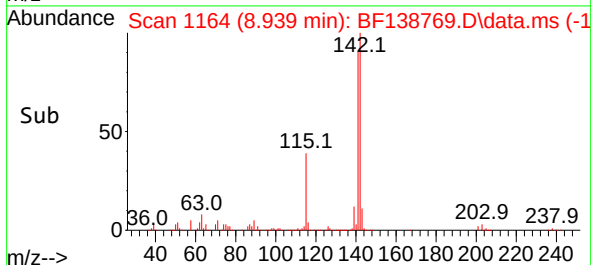
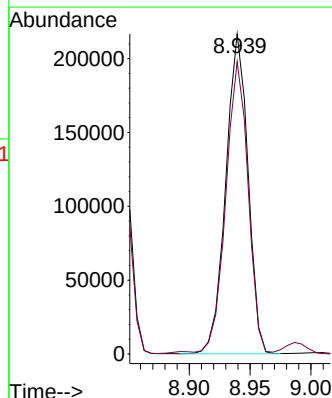
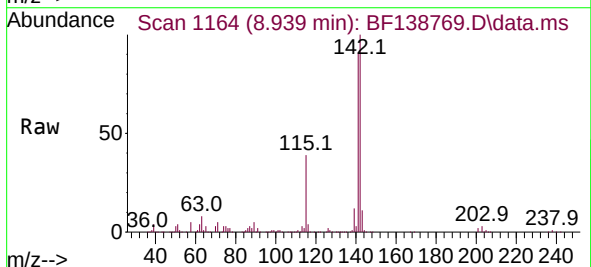
Manual Integrations
APPROVED

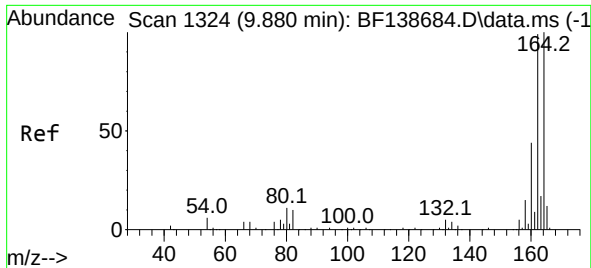
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#38
1-Methylnaphthalene
Concen: 45.138 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

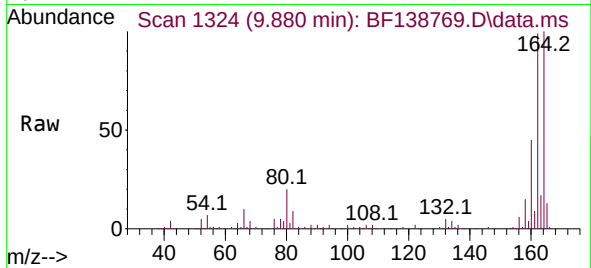
Tgt Ion:142 Resp: 274888
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

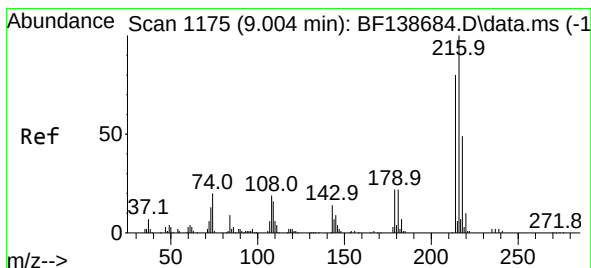
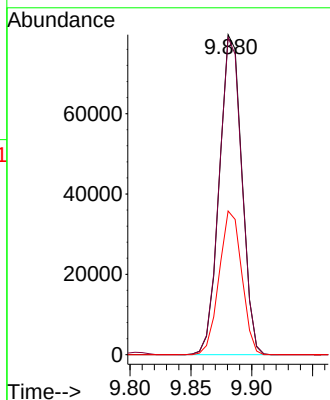
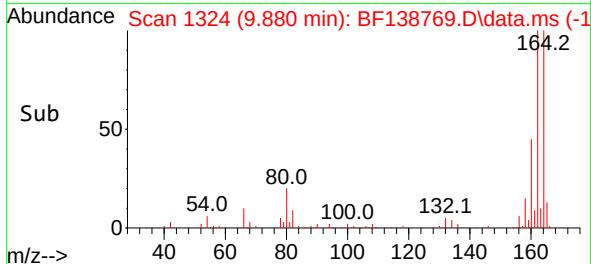
Instrument :
BNA_F
ClientSampleId :
TP4MS



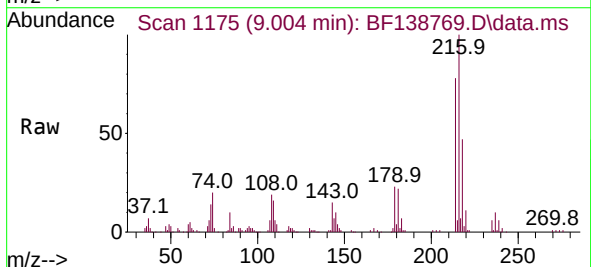
Tgt Ion:164 Resp: 102625
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.0
160 44.9 35.1 52.7

Manual Integrations
APPROVED

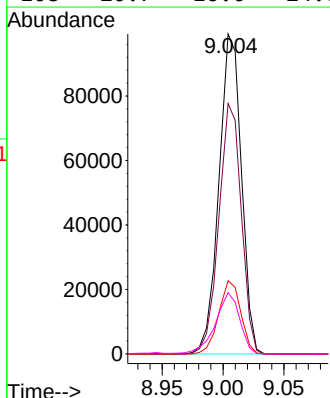
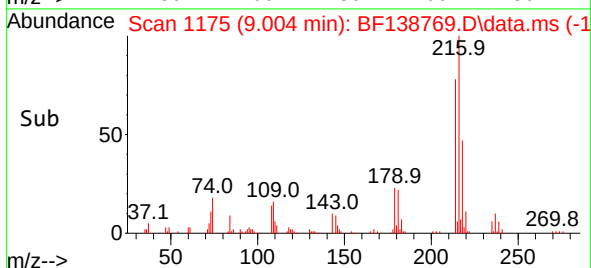
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

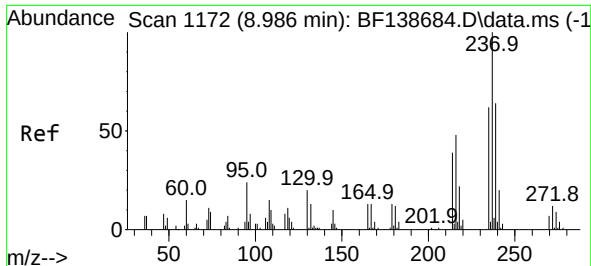


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.751 ng
RT: 9.004 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



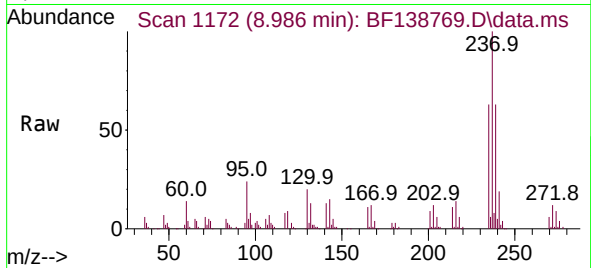
Tgt Ion:216 Resp: 127576
Ion Ratio Lower Upper
216 100
214 77.9 63.9 95.9
179 22.5 17.8 26.6
108 20.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 98.110 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

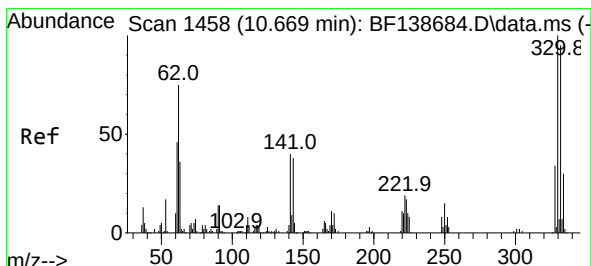
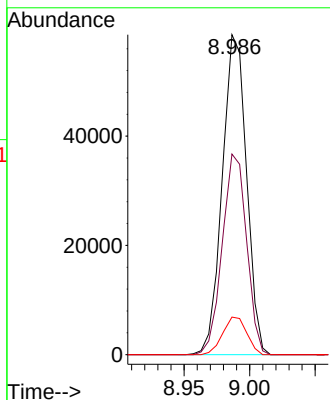
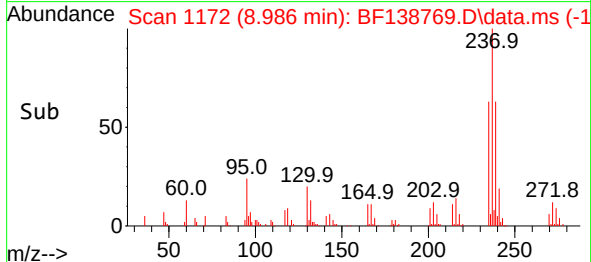
Instrument :
BNA_F
ClientSampleId :
TP4MS



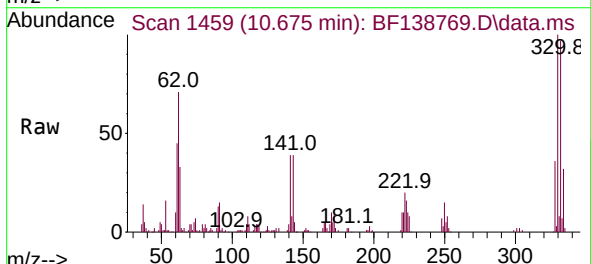
Tgt Ion: 237 Resp: 75334
Ion Ratio Lower Upper
237 100
235 62.7 41.8 81.8
272 11.8 0.0 32.2

Manual Integrations
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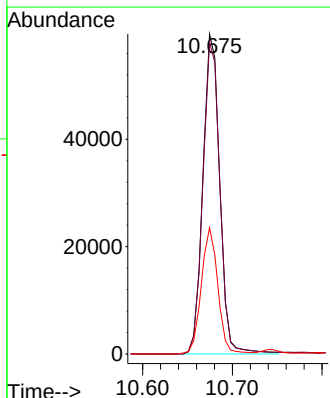
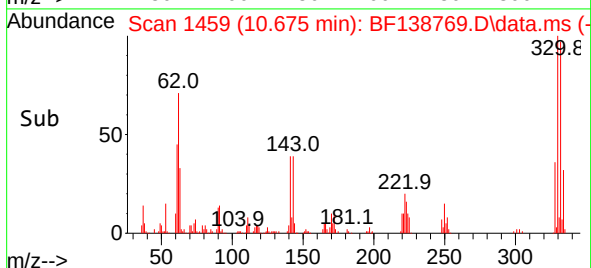
Reviewed By : Yogesh Patel 08/05/2024
Supervised By : mohammad ahmed 08/05/2024

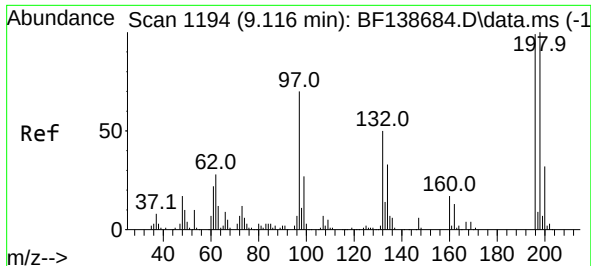


#42
2,4,6-Tribromophenol
Concen: 92.718 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



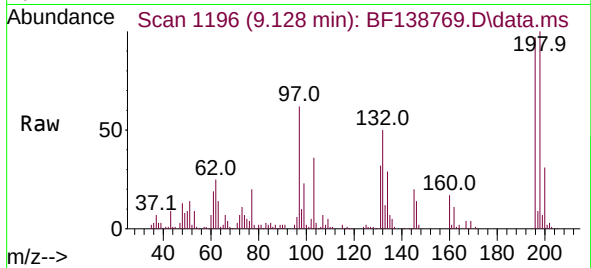
Tgt Ion: 330 Resp: 77942
Ion Ratio Lower Upper
330 100
332 98.4 76.4 114.6
141 38.6 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 47.351 ng
RT: 9.128 min Scan# 1194
Delta R.T. 0.012 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

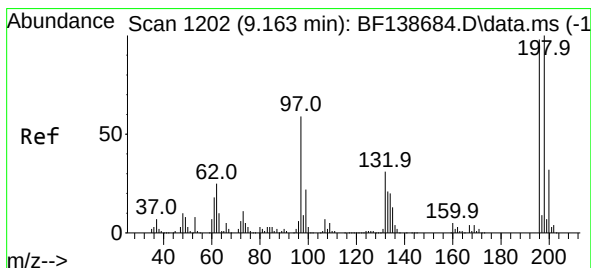
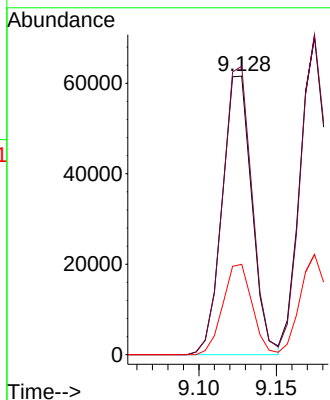
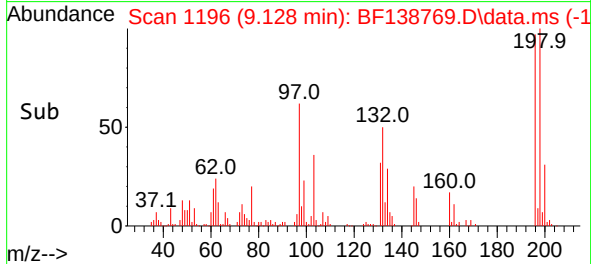
Instrument :
BNA_F
ClientSampleId :
TP4MS



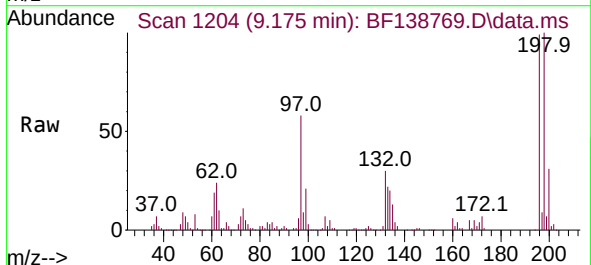
Tgt Ion:196 Resp: 8230
Ion Ratio Lower Upper
196 100
198 103.6 80.5 120.7
200 32.5 25.9 38.9

Manual Integrations
APPROVED

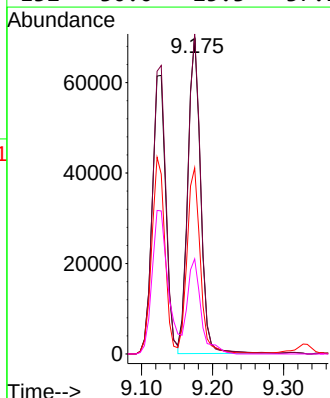
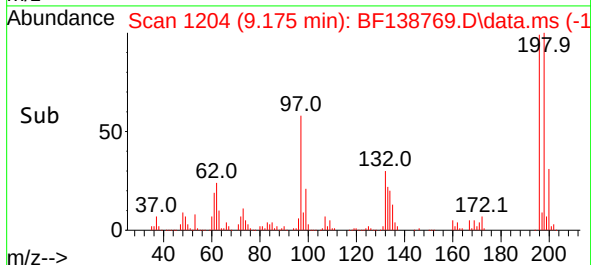
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

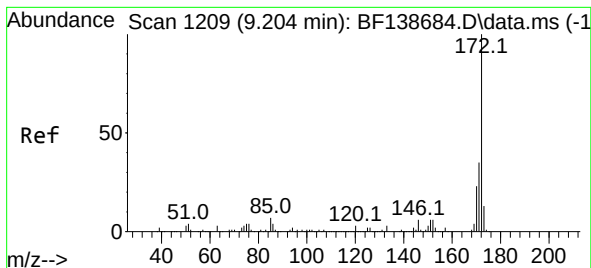


#44
2,4,5-Trichlorophenol
Concen: 46.167 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



Tgt Ion:196 Resp: 87725
Ion Ratio Lower Upper
196 100
198 100.8 81.2 121.8
97 58.6 47.8 71.6
132 30.0 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 59.351 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion:172 Resp: 405380

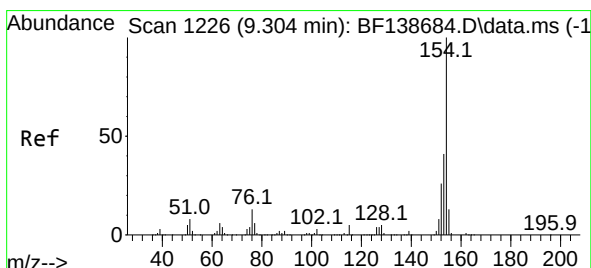
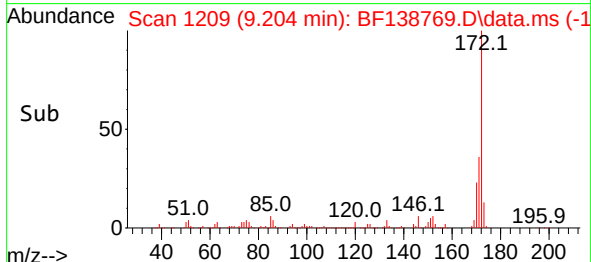
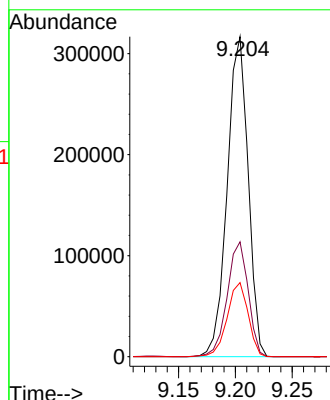
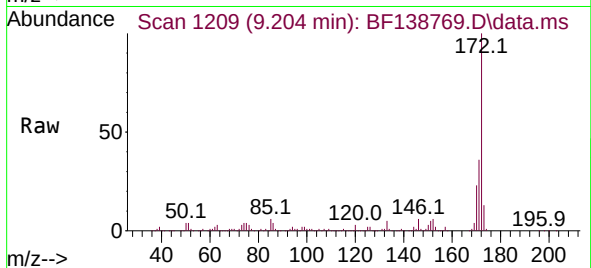
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.3	42.5
170	23.1	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#46

1,1'-Biphenyl

Concen: 43.283 ng

RT: 9.304 min Scan# 1226

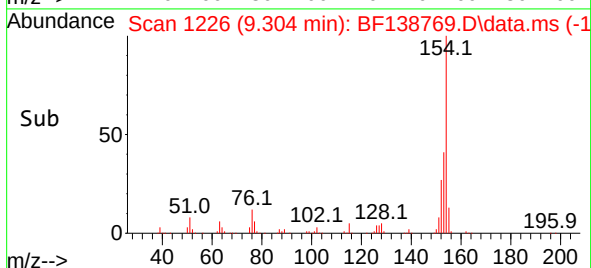
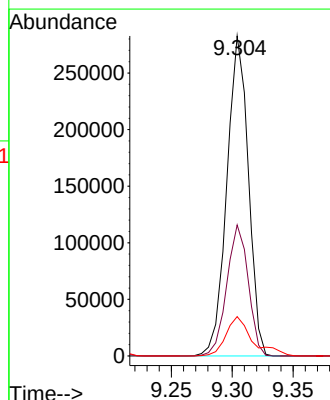
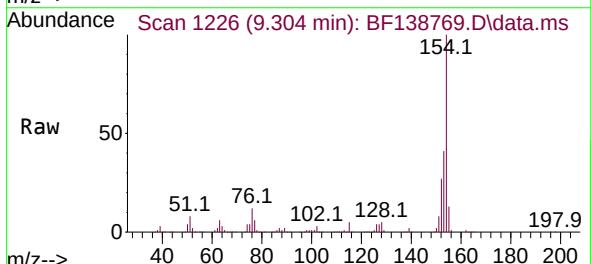
Delta R.T. 0.000 min

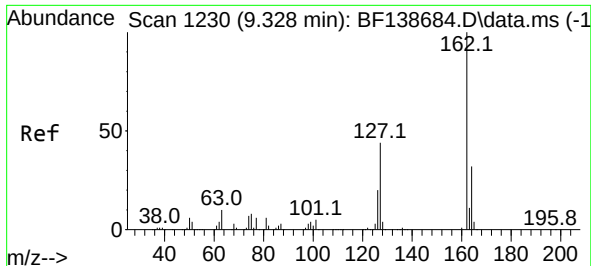
Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Tgt Ion:154 Resp: 347884

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	12.3	0.0	32.8





#47

2-Chloronaphthalene

Concen: 45.153 ng

RT: 9.333 min Scan# 1231

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

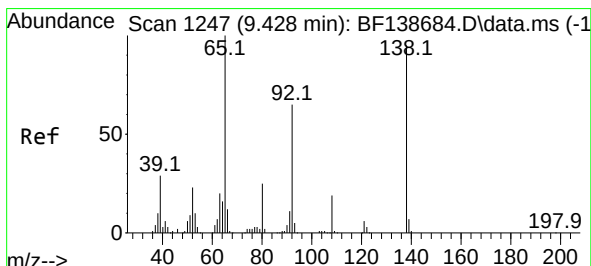
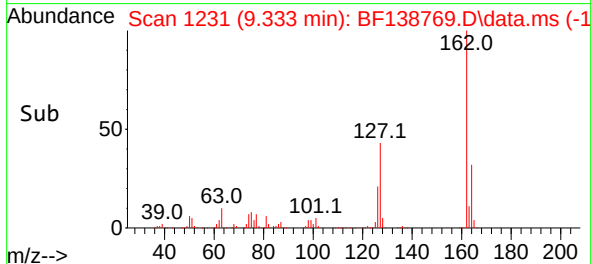
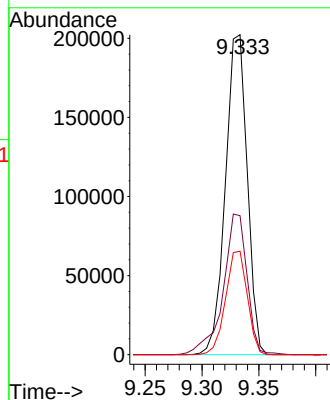
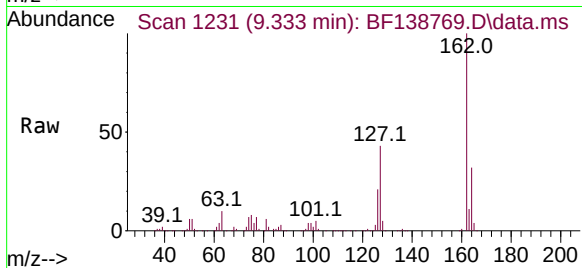
Tgt Ion: 162 Resp: 26991
 Ion Ratio Lower Upper
 162 100
 127 43.4 35.4 53.2
 164 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#48

2-Nitroaniline

Concen: 44.881 ng

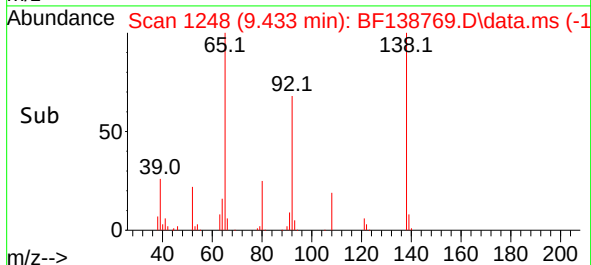
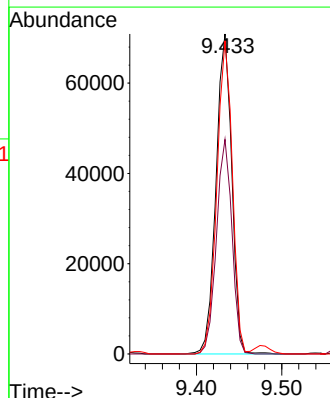
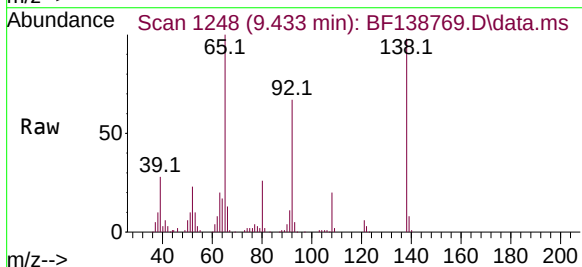
RT: 9.433 min Scan# 1248

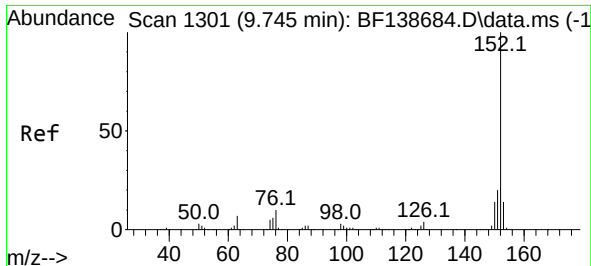
Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Tgt Ion: 65 Resp: 90951
 Ion Ratio Lower Upper
 65 100
 92 67.1 52.0 78.0
 138 97.9 76.2 114.4





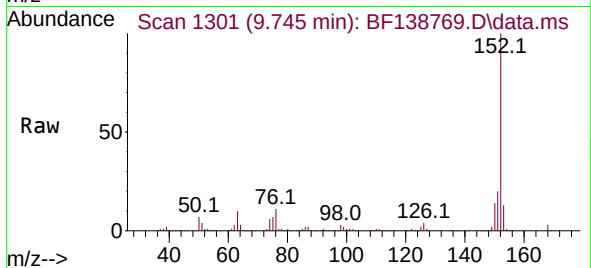
#49
Acenaphthylene
Concen: 50.427 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

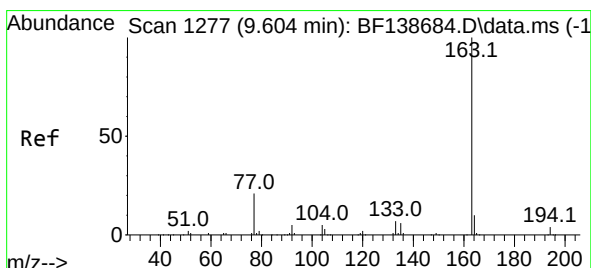
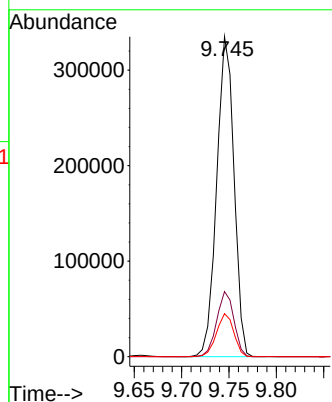
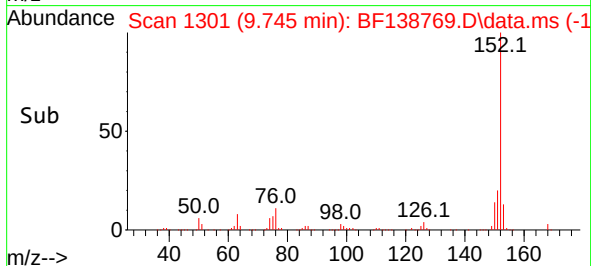


Tgt Ion:152 Resp: 427532
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.4 11.0 16.4

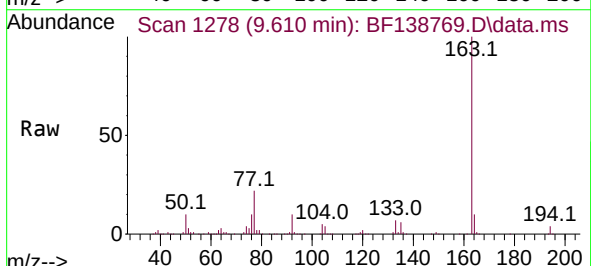
Manual Integrations

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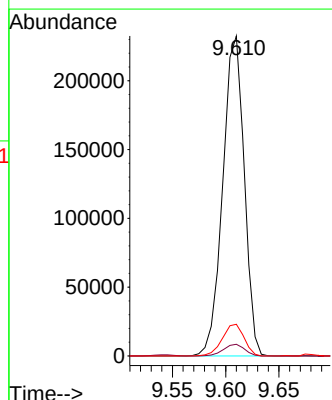
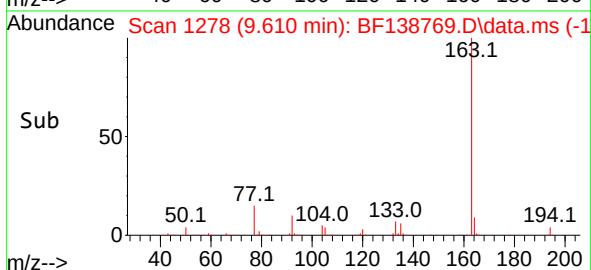
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

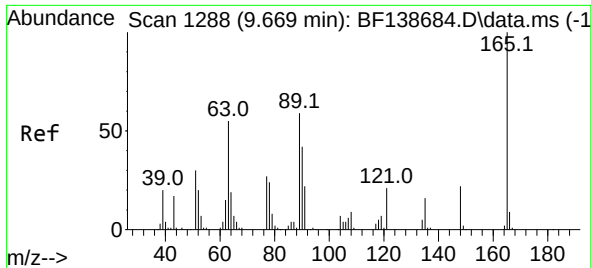


#50
Dimethylphthalate
Concen: 49.520 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



Tgt Ion:163 Resp: 324949
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.9 7.8 11.8





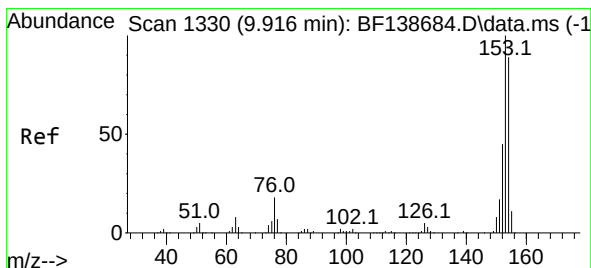
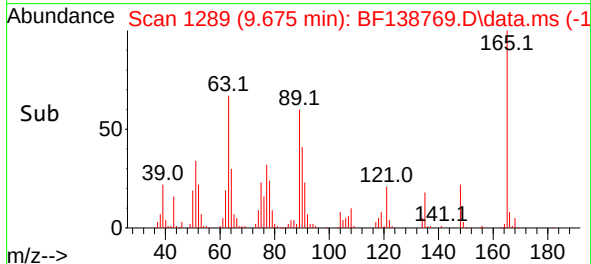
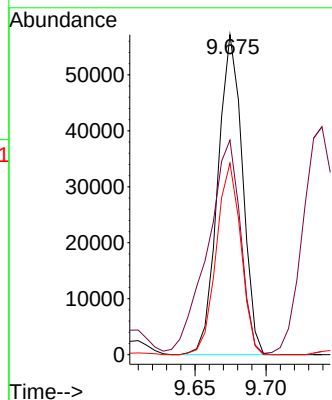
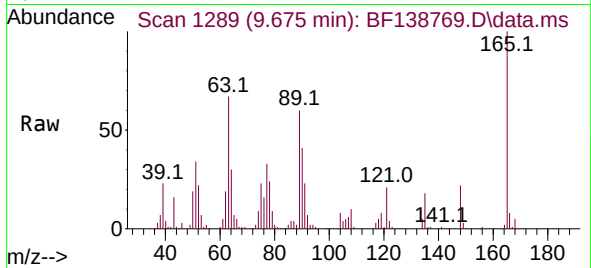
#51
2,6-Dinitrotoluene
Concen: 46.512 ng
RT: 9.675 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :
BNA_F
ClientSampleId :
TP4MS

Tgt Ion:165 Resp: 6888
Ion Ratio Lower Upper
165 100
63 67.1 52.0 78.0
89 59.9 47.0 70.6

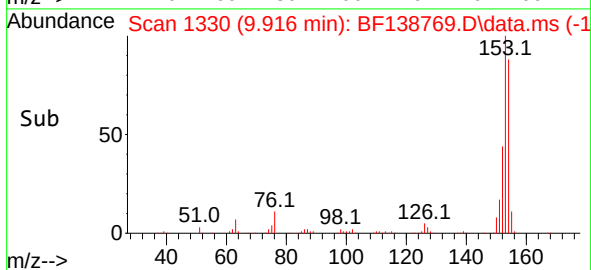
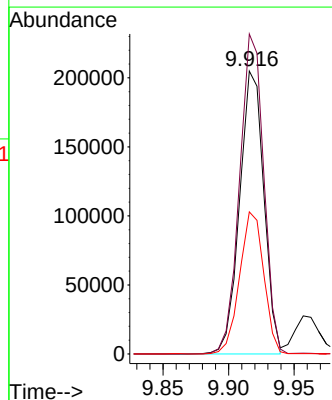
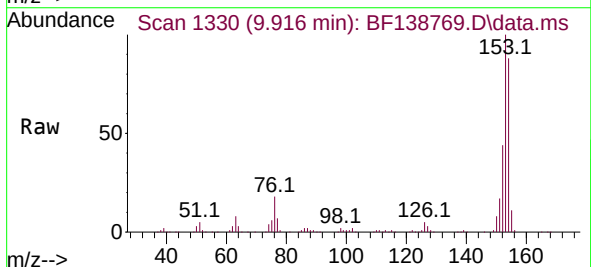
Manual Integrations
APPROVED

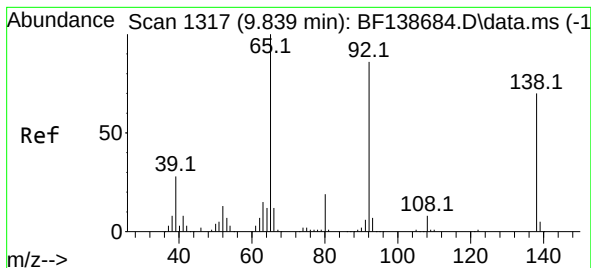
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#52
Acenaphthene
Concen: 46.343 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:154 Resp: 264115
Ion Ratio Lower Upper
154 100
153 113.1 89.9 134.9
152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 24.290 ng

RT: 9.845 min Scan# 1318

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

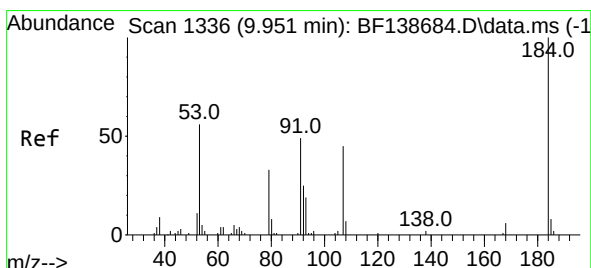
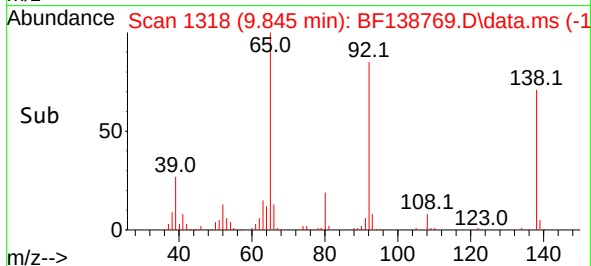
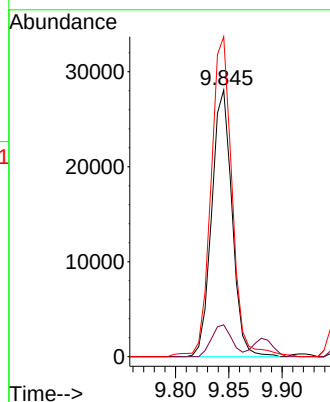
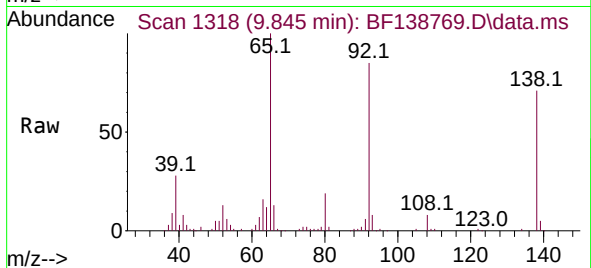
Tgt Ion:	138	Resp:	37180
Ion Ratio	Lower	Upper	
138	100		
108	11.9	9.1	13.7
92	120.0	98.7	148.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#54

2,4-Dinitrophenol

Concen: 81.536 ng

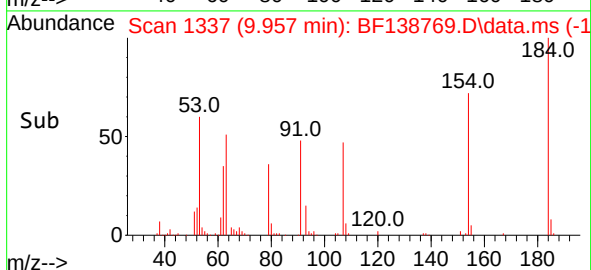
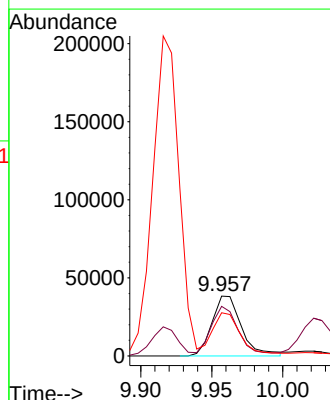
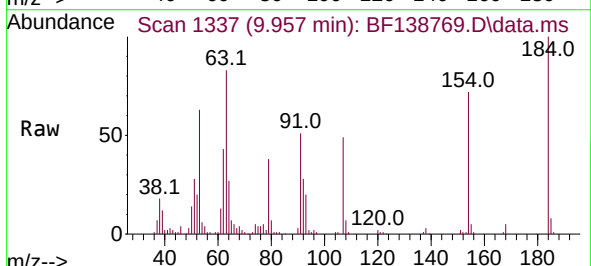
RT: 9.957 min Scan# 1337

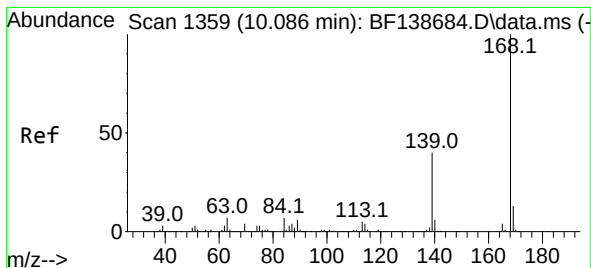
Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

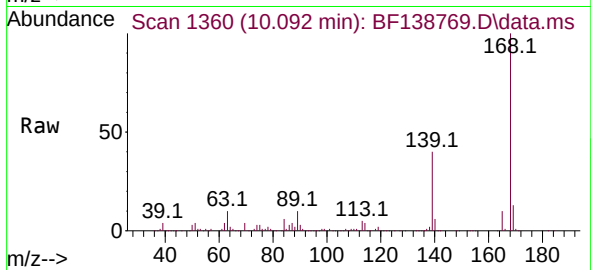
Tgt Ion:	184	Resp:	55584
Ion Ratio	Lower	Upper	
184	100		
63	82.8	57.5	86.3
154	72.1	51.7	77.5





#55
Dibenzenofuran
Concen: 47.544 ng
RT: 10.092 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

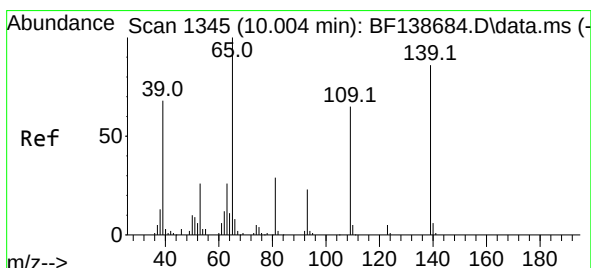
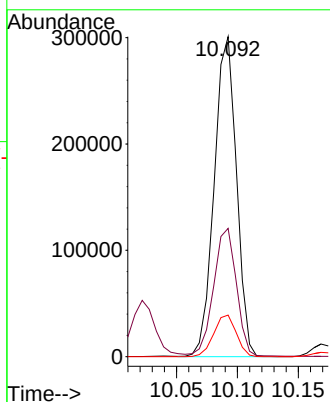
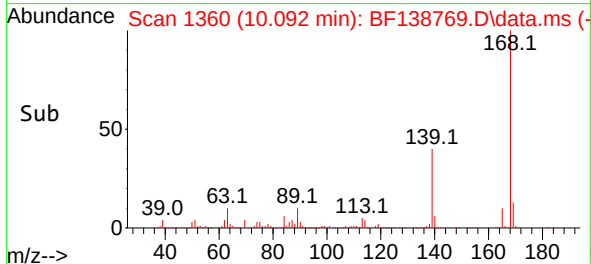
Instrument :
BNA_F
ClientSampleId :
TP4MS



Tgt Ion:168 Resp: 38249
Ion Ratio Lower Upper
168 100
139 40.1 32.6 49.0
169 13.0 10.7 16.1

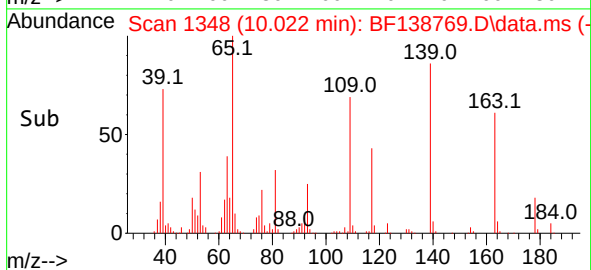
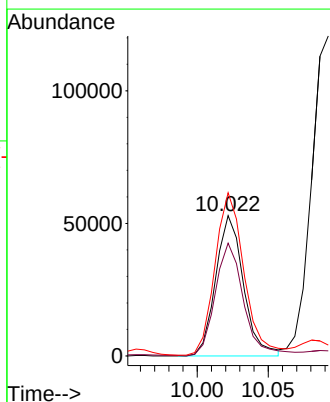
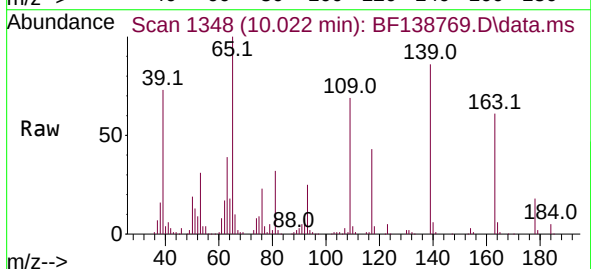
Manual Integrations
APPROVED

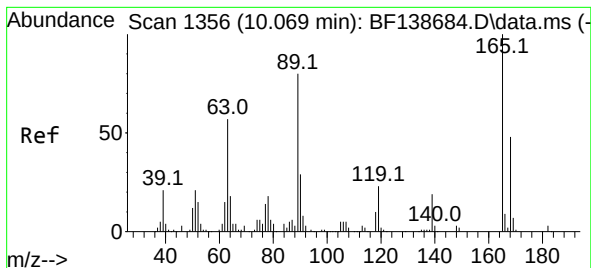
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#56
4-Nitrophenol
Concen: 78.106 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:139 Resp: 71907
Ion Ratio Lower Upper
139 100
109 80.5 55.5 95.5
65 116.3 96.7 136.7





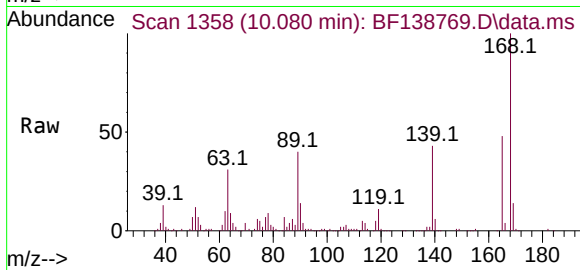
#57
2,4-Dinitrotoluene
Concen: 49.185 ng
RT: 10.080 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

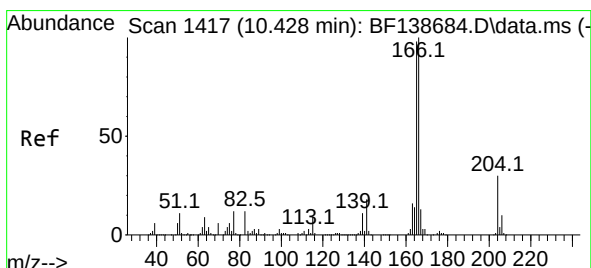
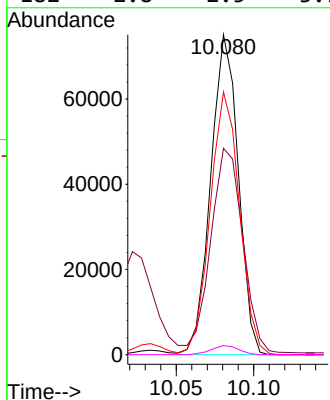
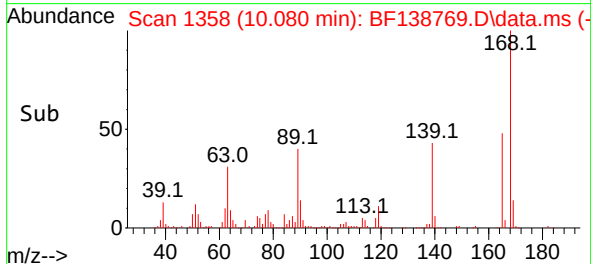


Tgt Ion:165 Resp: 9293
Ion Ratio Lower Upper
165 100
63 64.5 46.3 69.5
89 82.1 64.2 96.4
182 2.8 2.5 3.7

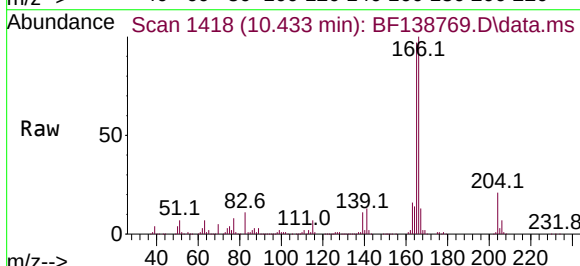
Manual Integrations

APPROVED

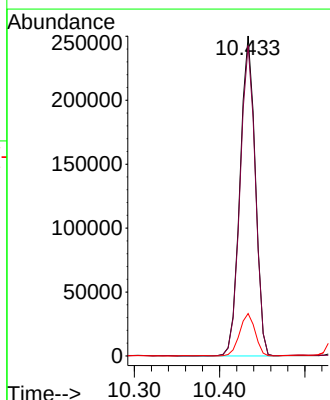
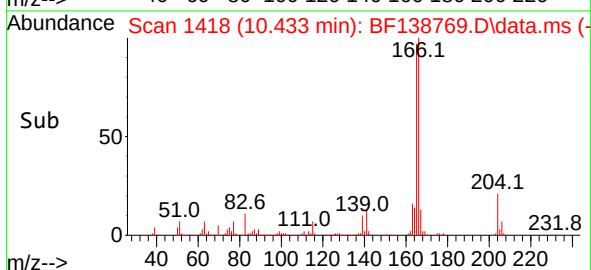
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

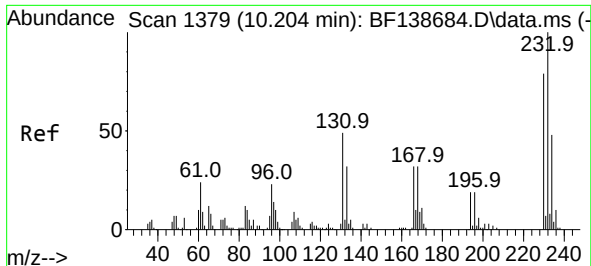


#58
Fluorene
Concen: 48.638 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



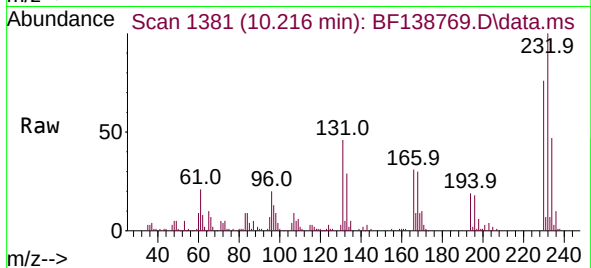
Tgt Ion:166 Resp: 311599
Ion Ratio Lower Upper
166 100
165 97.0 78.4 117.6
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.176 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

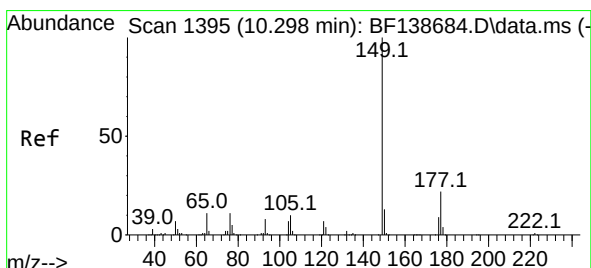
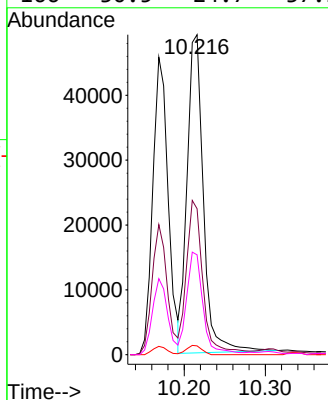
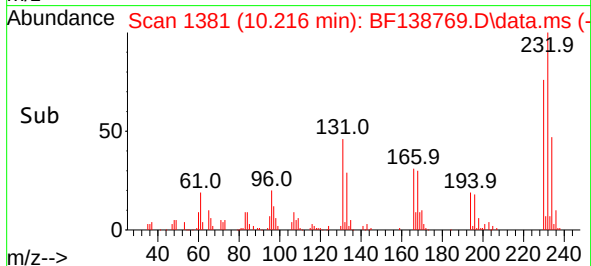
Instrument :
BNA_F
ClientSampleId :
TP4MS



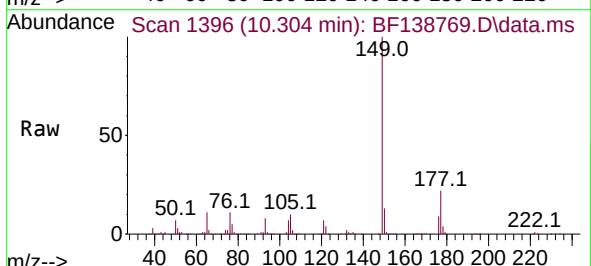
Tgt Ion:232 Resp: 68534
Ion Ratio Lower Upper
232 100
131 47.7 37.0 55.4
130 2.7 2.0 3.0
166 30.5 24.7 37.1

Manual Integrations
APPROVED

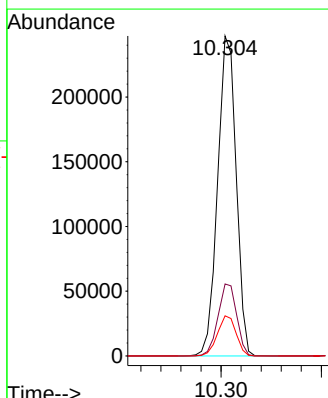
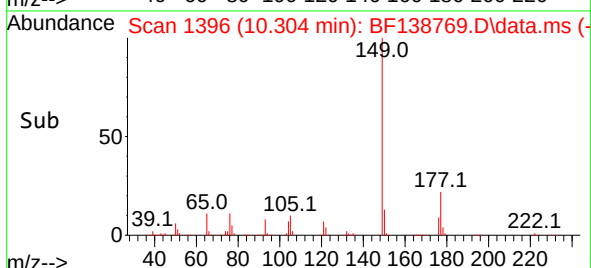
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

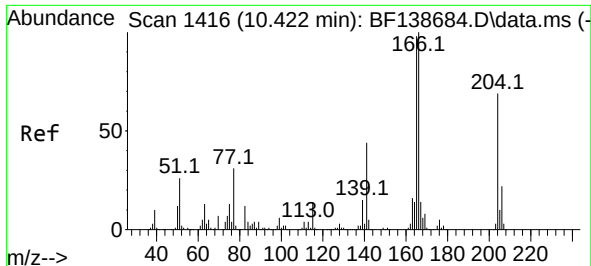


#60
Diethylphthalate
Concen: 50.907 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



Tgt Ion:149 Resp: 316736
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.6 10.1 15.1





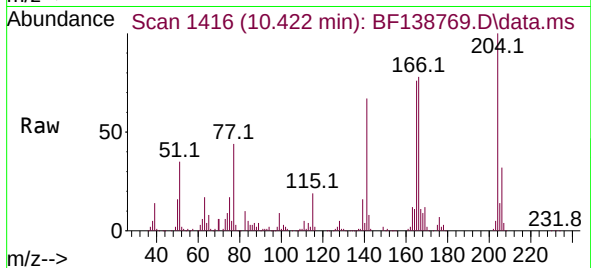
#61
4-Chlorophenyl-phenylether
Concen: 48.455 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

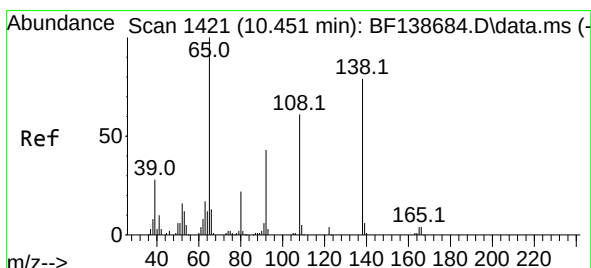
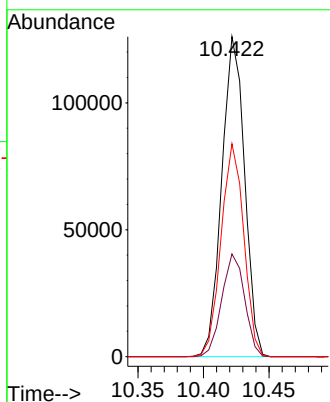
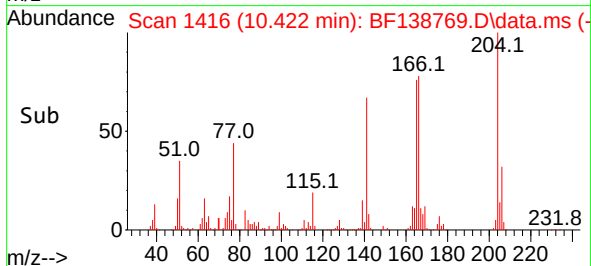


Tgt Ion:204 Resp: 152674
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 66.5 51.4 77.0

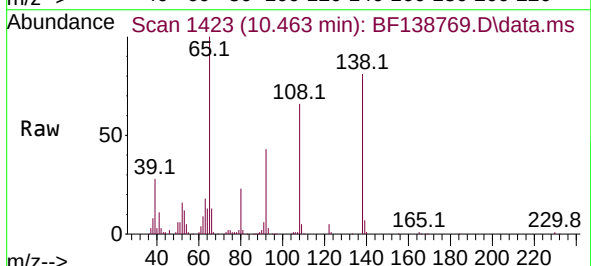
Manual Integrations

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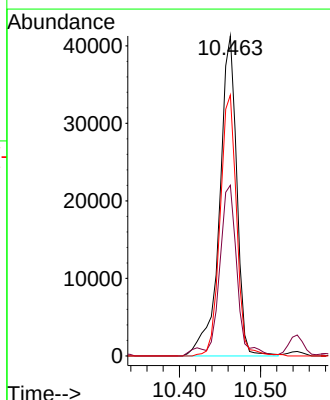
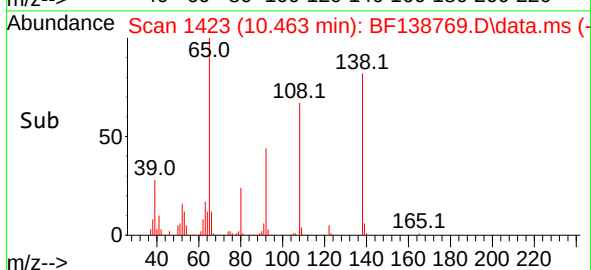
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

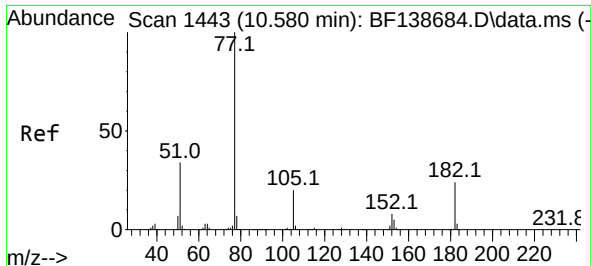


#62
4-Nitroaniline
Concen: 41.870 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



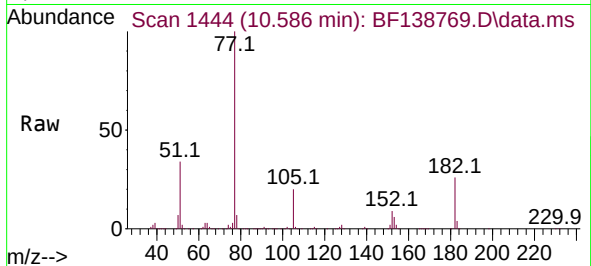
Tgt Ion:138 Resp: 60915
Ion Ratio Lower Upper
138 100
92 53.3 34.2 74.2
108 81.6 56.2 96.2





#63
Azobenzene
Concen: 47.125 ng
RT: 10.586 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

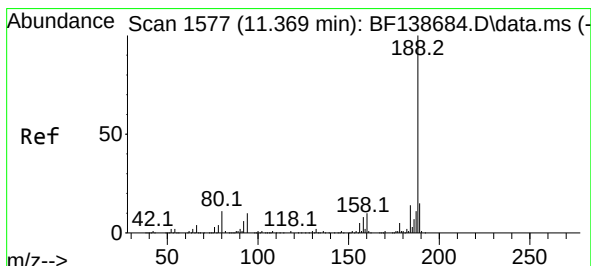
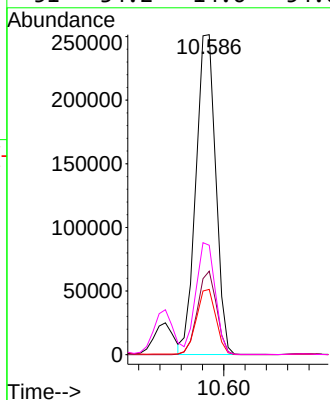
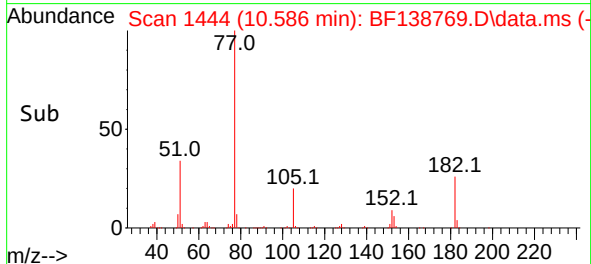
Instrument :
BNA_F
ClientSampleId :
TP4MS



Tgt Ion: 77 Resp: 325194
Ion Ratio Lower Upper
77 100
182 26.1 3.4 43.4
105 20.4 0.2 40.2
51 34.2 14.6 54.6

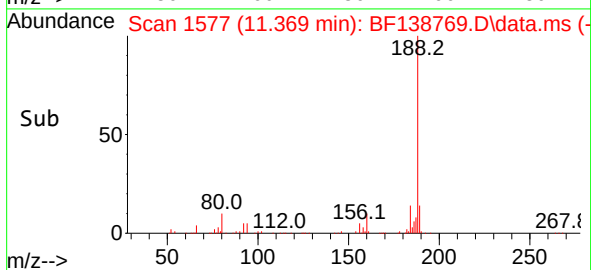
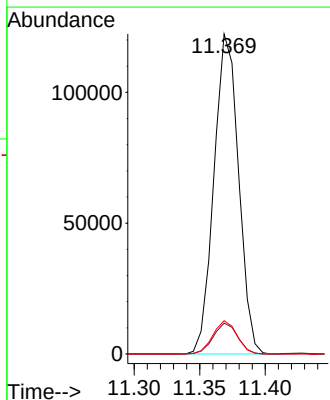
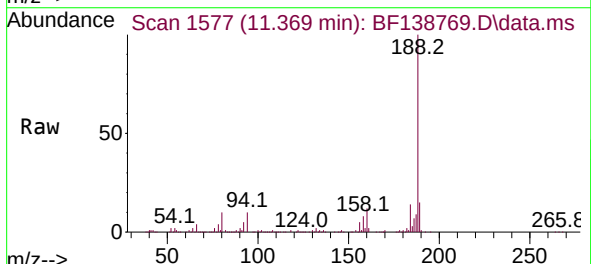
Manual Integrations
APPROVED

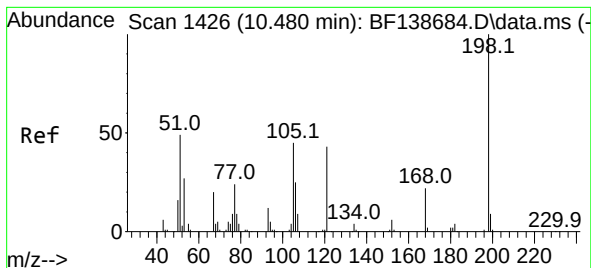
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

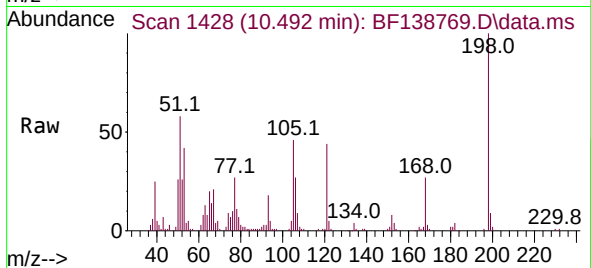
Tgt Ion:188 Resp: 159430
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.4 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 47.879 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

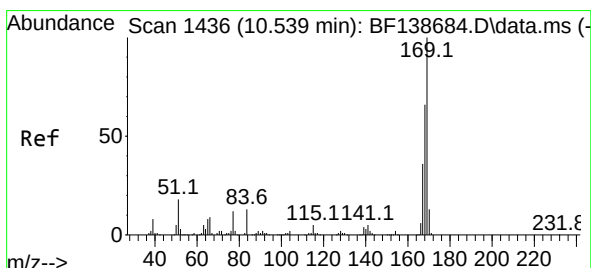
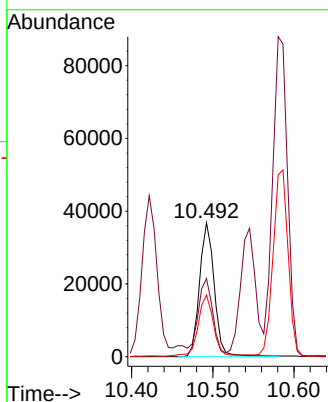
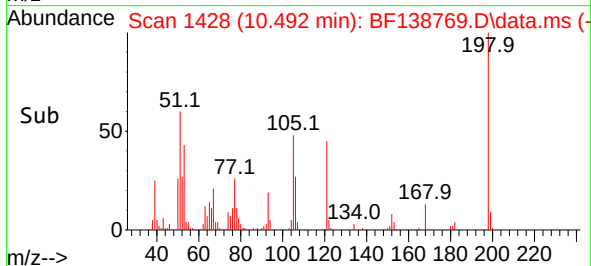
Instrument :
BNA_F
ClientSampleId :
TP4MS



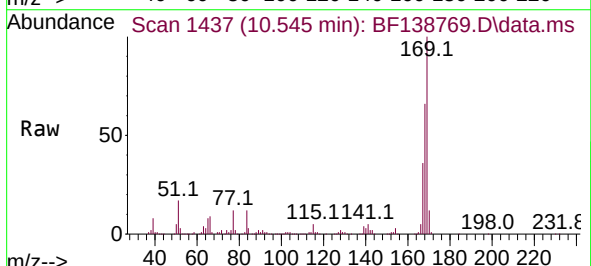
Tgt Ion:198 Resp: 46570
Ion Ratio Lower Upper
198 100
51 58.3 39.9 79.9
105 46.0 26.1 66.1

Manual Integrations
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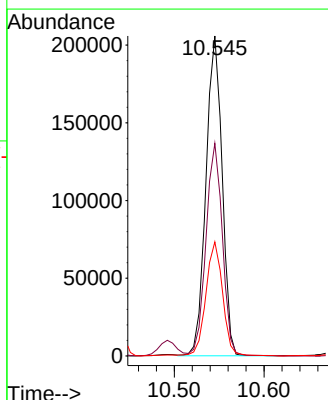
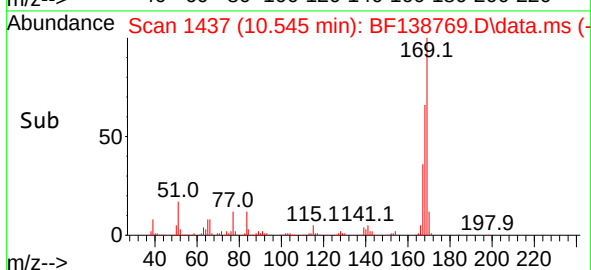
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

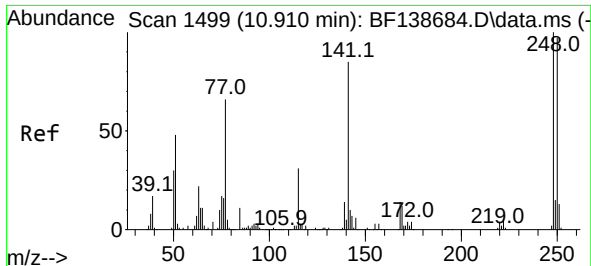


#66
n-Nitrosodiphenylamine
Concen: 51.686 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



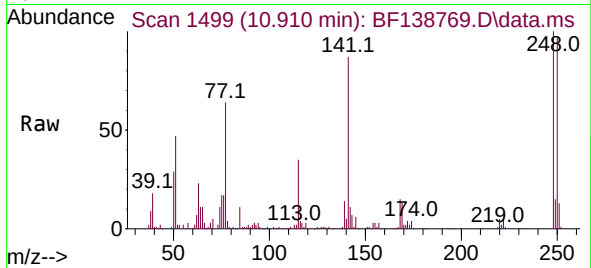
Tgt Ion:169 Resp: 257573
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 35.7 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 50.531 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

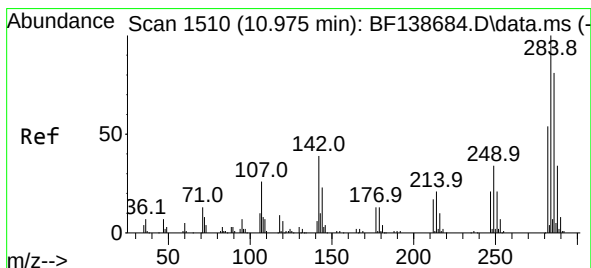
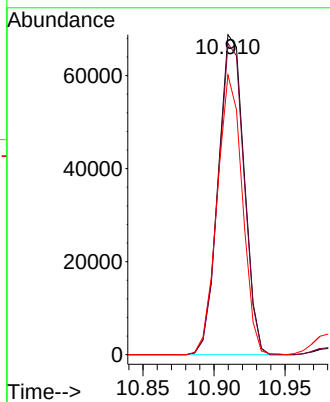
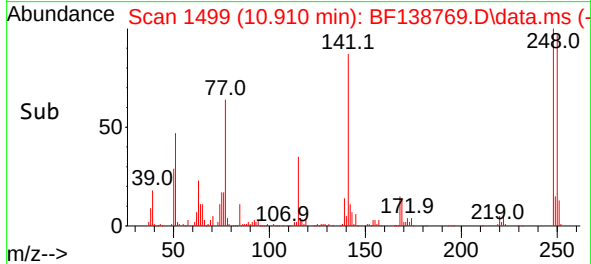
Instrument :
BNA_F
ClientSampleId :
TP4MS



Tgt Ion:248 Resp: 8722
Ion Ratio Lower Upper
248 100
250 97.2 77.7 116.5
141 87.4 68.0 102.0

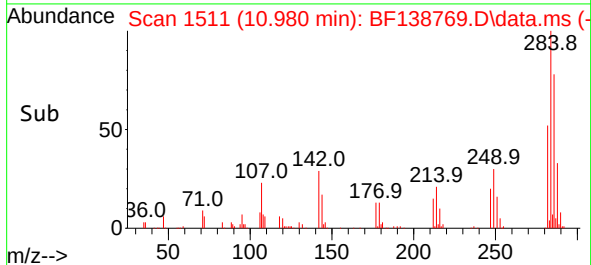
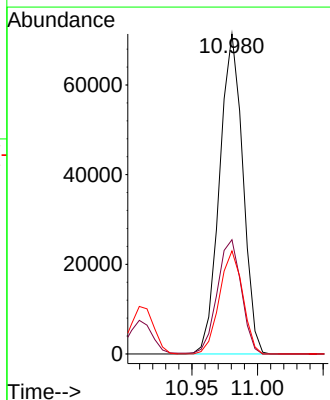
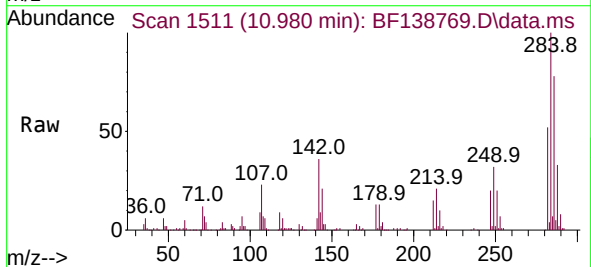
Manual Integrations
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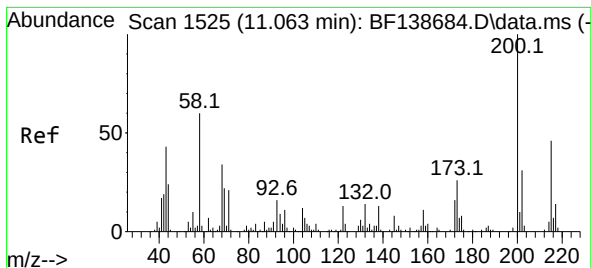
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#68
Hexachlorobenzene
Concen: 49.390 ng
RT: 10.980 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:284 Resp: 88025
Ion Ratio Lower Upper
284 100
142 35.7 31.3 46.9
249 32.2 27.2 40.8





#69

Atrazine

Concen: 58.887 ng

RT: 11.075 min Scan# 1527

Delta R.T. 0.012 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

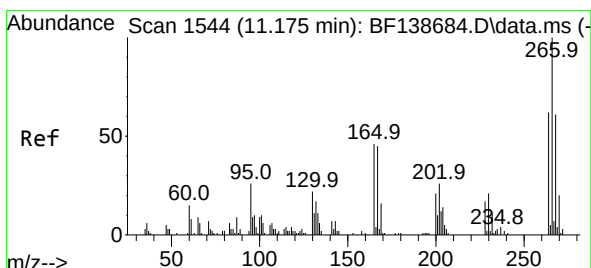
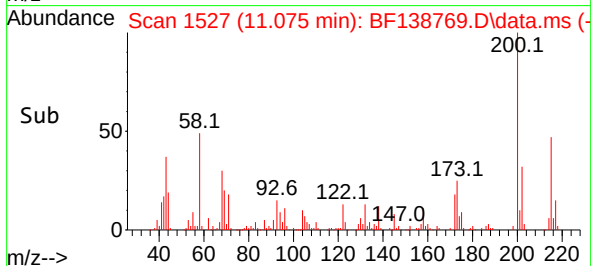
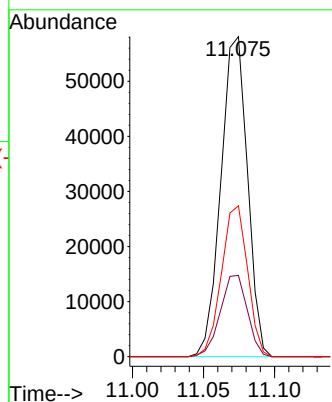
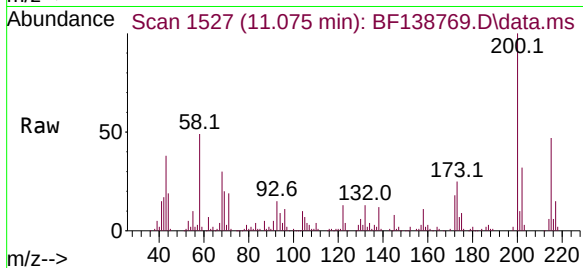
TP4MS

Tgt Ion:200 Resp: 7571
 Ion Ratio Lower Upper
 200 100
 173 25.4 6.0 46.0
 215 47.2 26.1 66.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024



#70

Pentachlorophenol

Concen: 81.326 ng

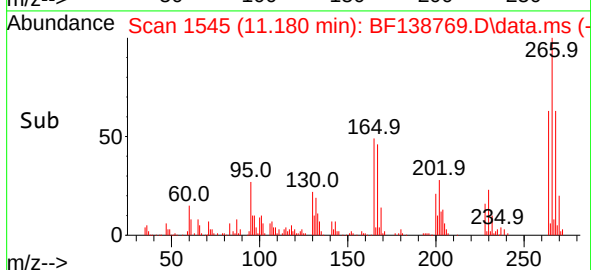
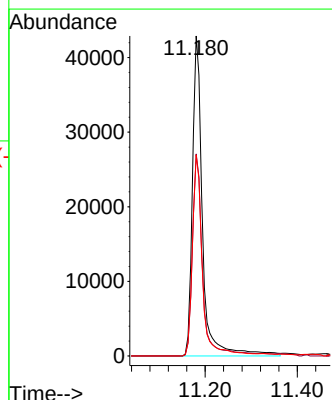
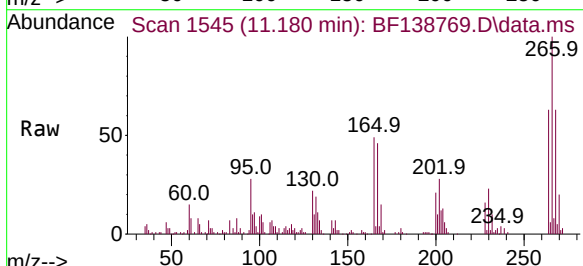
RT: 11.180 min Scan# 1545

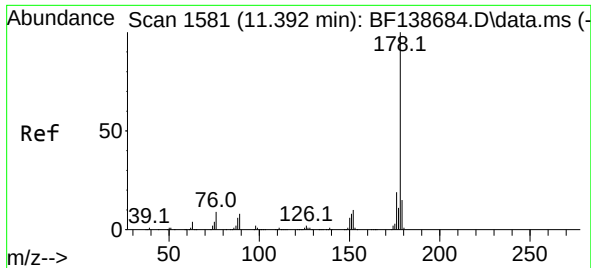
Delta R.T. 0.005 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Tgt Ion:266 Resp: 65332
 Ion Ratio Lower Upper
 266 100
 268 63.1 49.2 73.8
 264 62.9 49.8 74.6





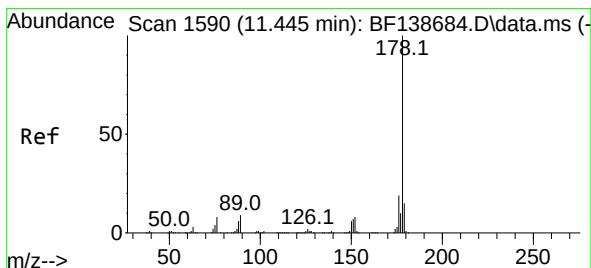
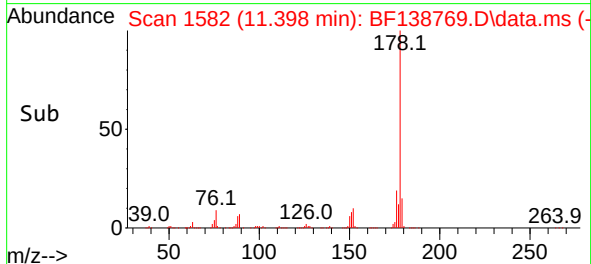
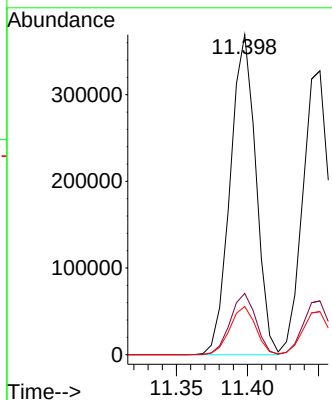
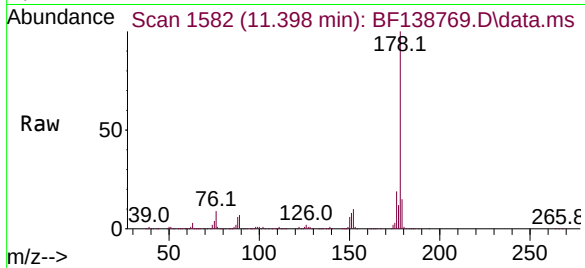
#71
Phenanthrene
Concen: 56.605 ng
RT: 11.398 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :
BNA_F
ClientSampleId :
TP4MS

Tgt Ion:178 Resp: 464690
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.1 12.2 18.2

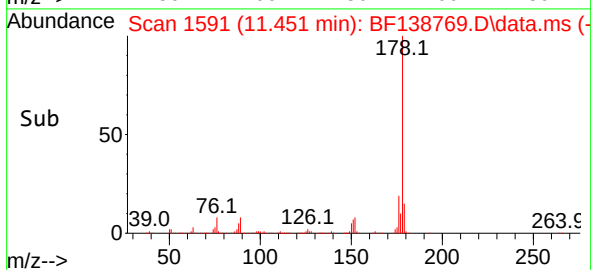
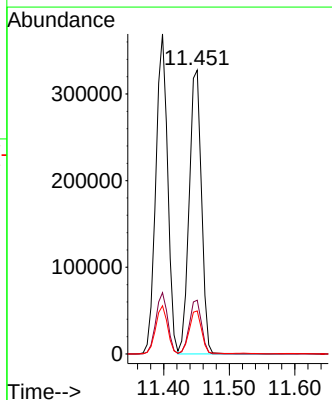
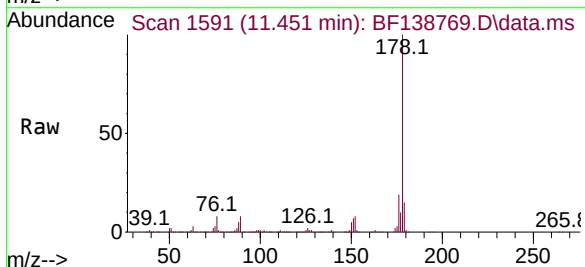
Manual Integrations
APPROVED

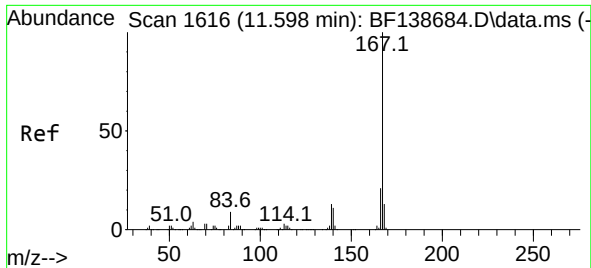
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#72
Anthracene
Concen: 52.554 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

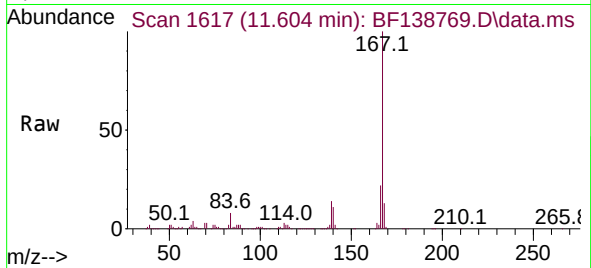
Tgt Ion:178 Resp: 425027
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.2 12.4 18.6





#73
Carbazole
Concen: 46.342 ng
RT: 11.604 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

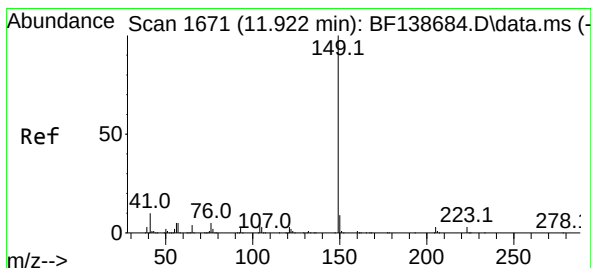
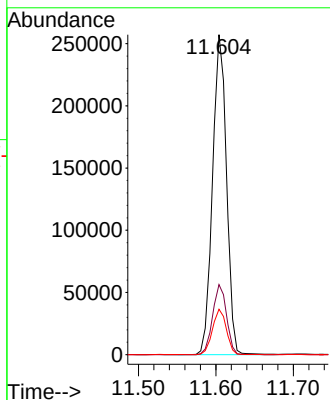
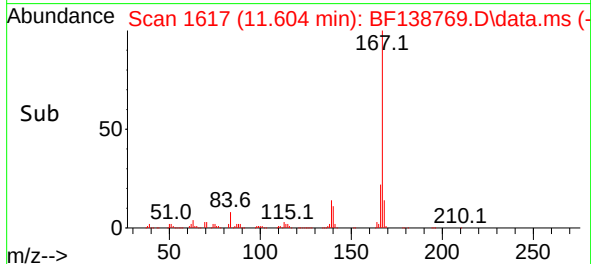
Instrument :
BNA_F
ClientSampleId :
TP4MS



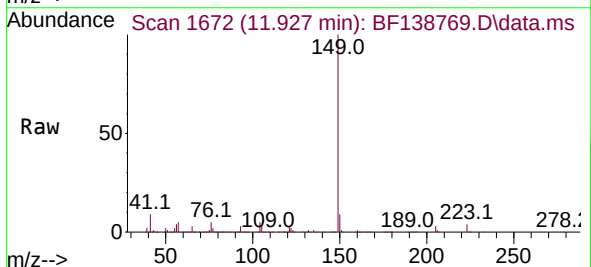
Tgt Ion:167 Resp: 323348
Ion Ratio Lower Upper
167 100
166 21.9 17.2 25.8
139 14.2 10.6 16.0

Manual Integrations
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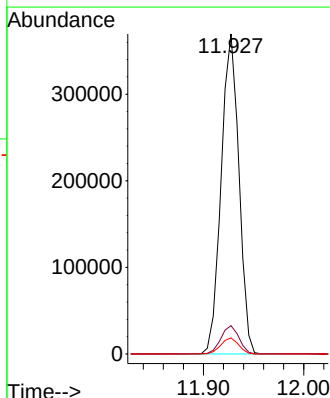
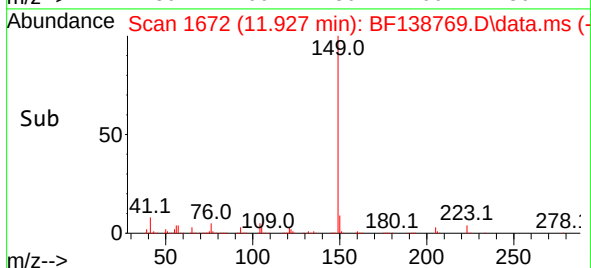
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

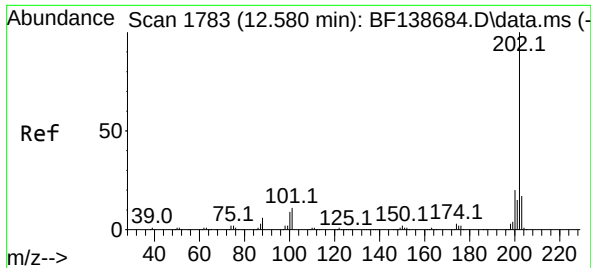


#74
Di-n-butylphthalate
Concen: 57.692 ng
RT: 11.927 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



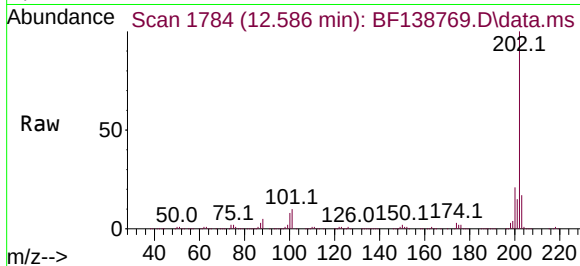
Tgt Ion:149 Resp: 452517
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 53.606 ng
RT: 12.586 min Scan# 1783
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

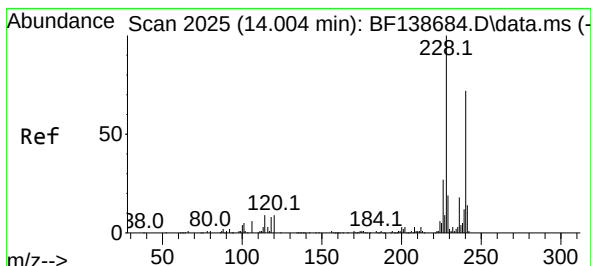
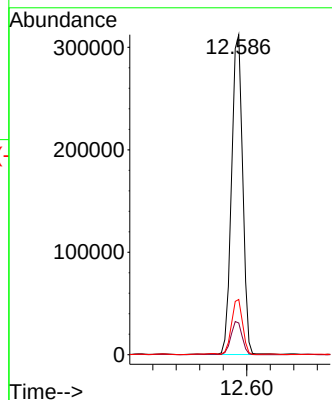
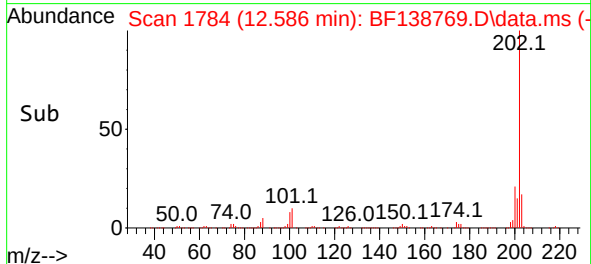
Instrument :
BNA_F
ClientSampleId :
TP4MS



Tgt Ion:202 Resp: 41083
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.2
203 17.2 0.0 37.3

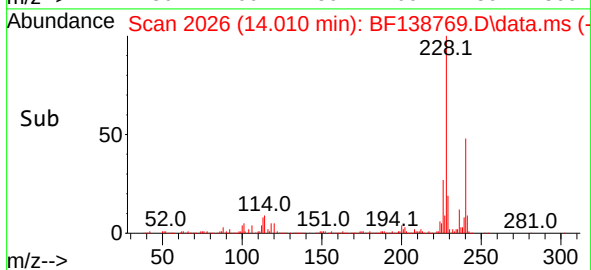
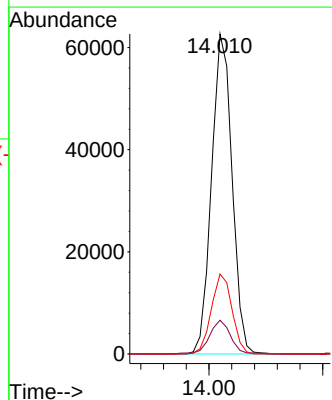
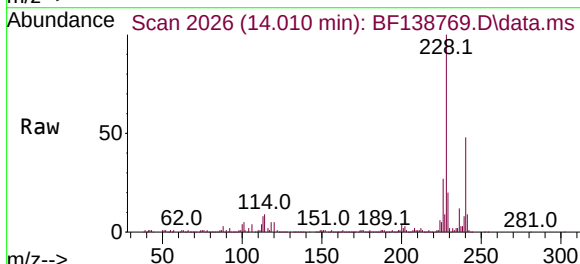
Manual Integrations
APPROVED

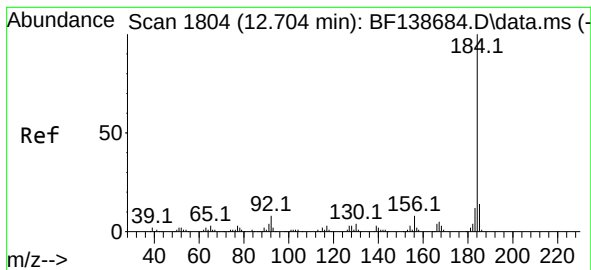
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:240 Resp: 78483
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 25.0 19.8 29.8





#77

Benzidine

Concen: 34.509 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion:184 Resp: 64780

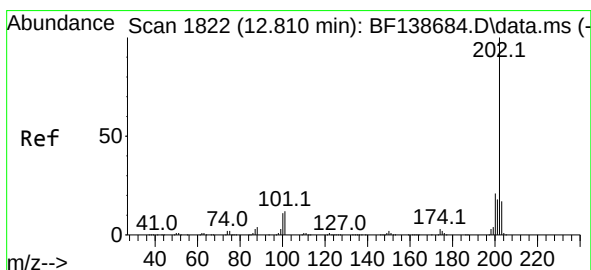
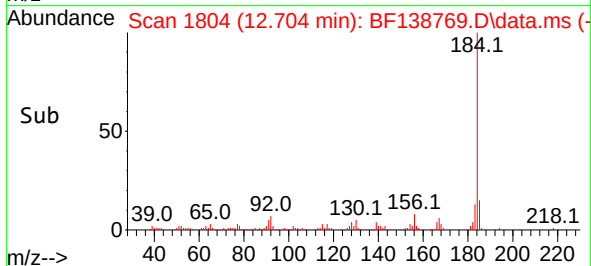
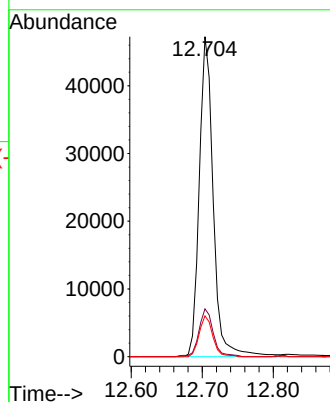
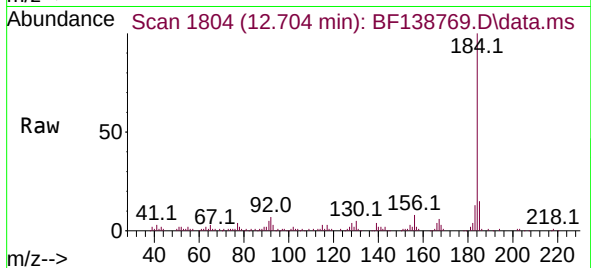
Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	12.8	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#78

Pyrene

Concen: 55.637 ng

RT: 12.816 min Scan# 1823

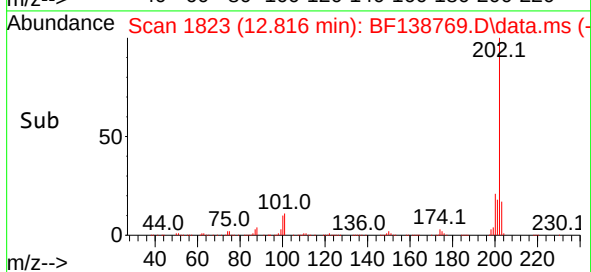
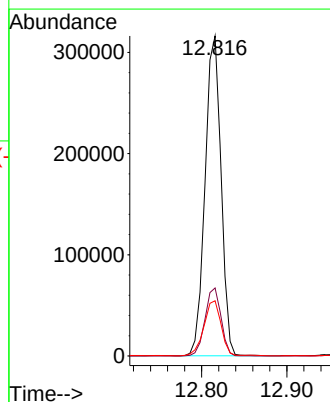
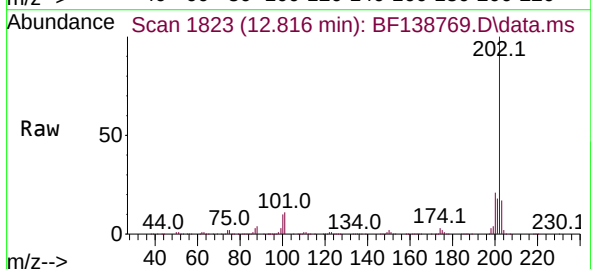
Delta R.T. 0.006 min

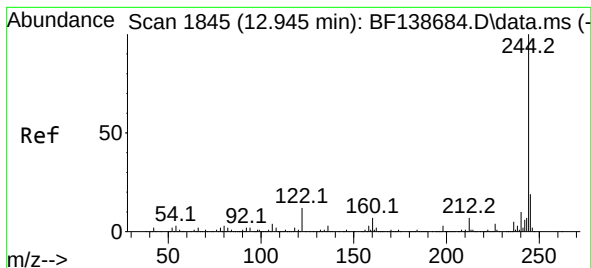
Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Tgt Ion:202 Resp: 411126

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	17.3	13.8	20.6





#79

Terphenyl-d14

Concen: 67.522 ng

RT: 12.951 min Scan# 1845

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

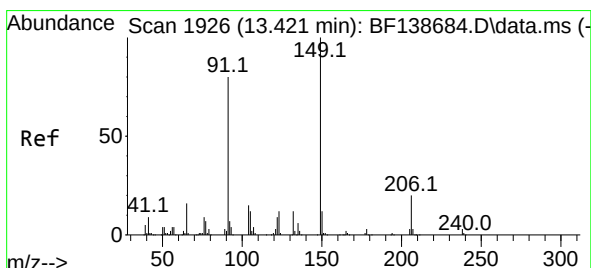
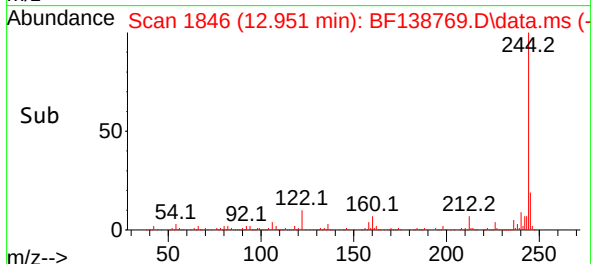
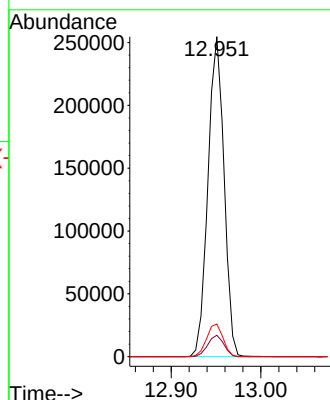
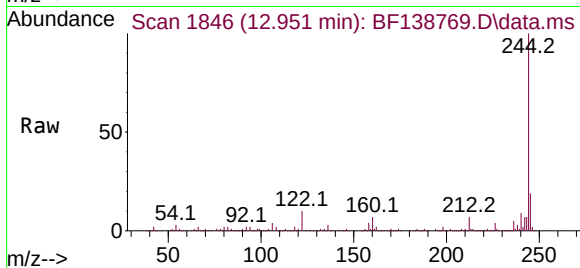
Tgt Ion:244	Resp: 31651
Ion Ratio	Lower Upper
244 100	
212 6.7	5.4 8.2
122 10.2	9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#80

Butylbenzylphthalate

Concen: 57.279 ng

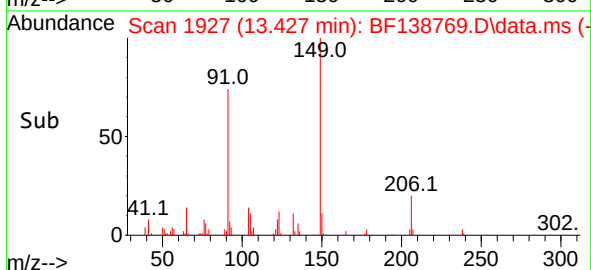
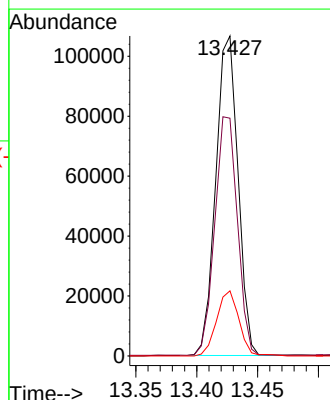
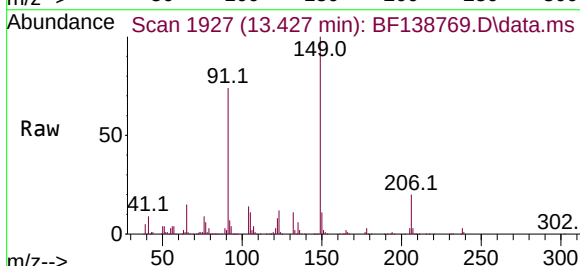
RT: 13.427 min Scan# 1927

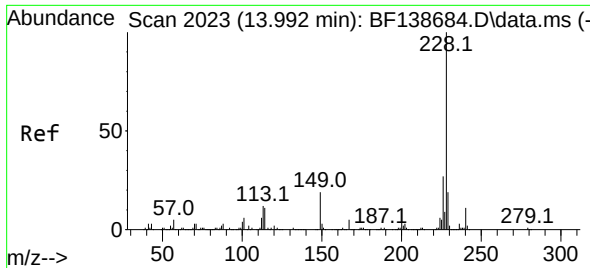
Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

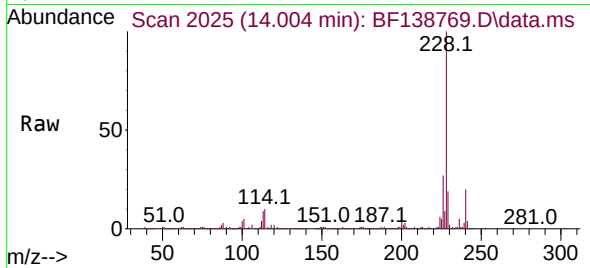
Tgt Ion:149	Resp: 135540
Ion Ratio	Lower Upper
149 100	
91 74.3	63.7 95.5
206 20.4	16.2 24.2





#81
Benzo(a)anthracene
Concen: 55.275 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.012 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

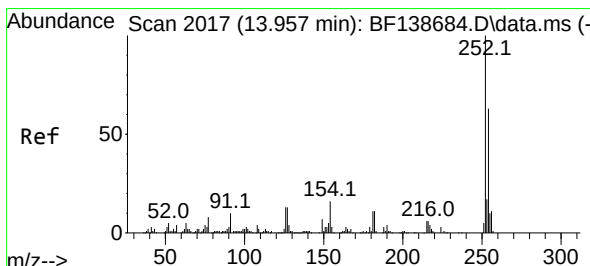
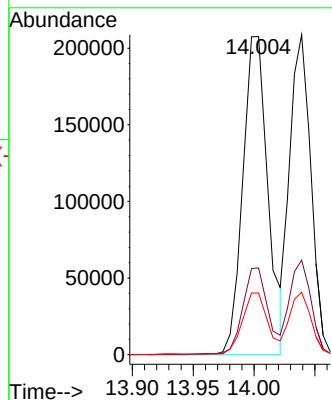
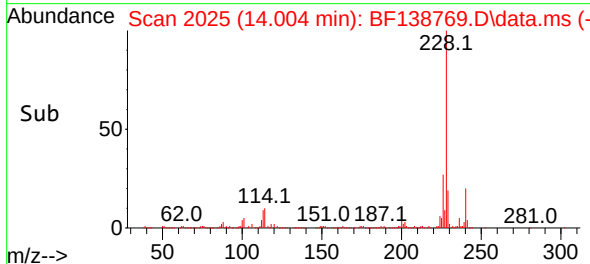
Instrument :
BNA_F
ClientSampleId :
TP4MS



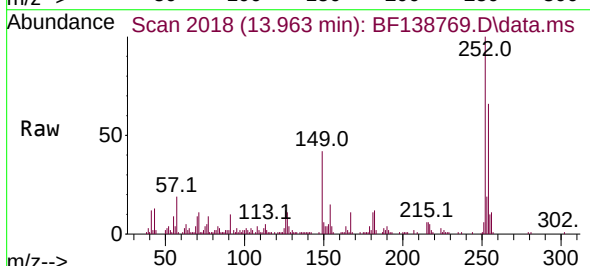
Tgt Ion:228 Resp: 298730
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 19.4 15.4 23.0

Manual Integrations
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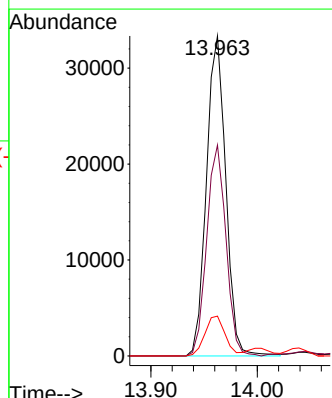
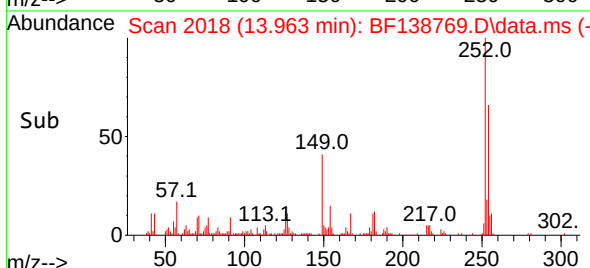
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

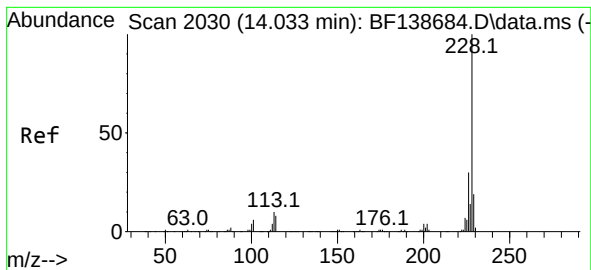


#82
3,3'-Dichlorobenzidine
Concen: 30.422 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



Tgt Ion:252 Resp: 42075
Ion Ratio Lower Upper
252 100
254 65.9 50.8 76.2
126 12.5 10.2 15.2





#83

Chrysene

Concen: 51.491 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion:228 Resp: 25106

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

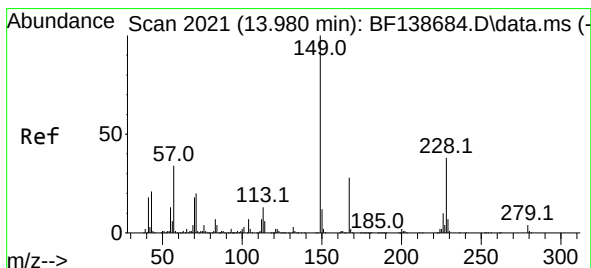
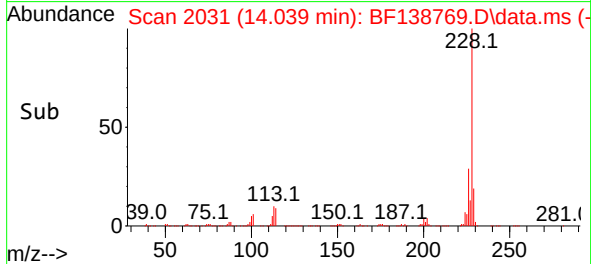
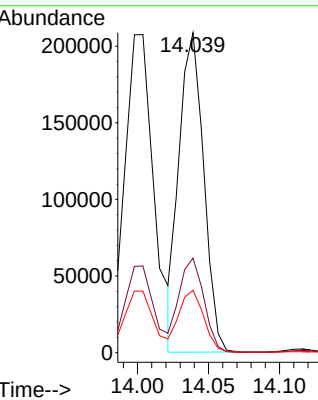
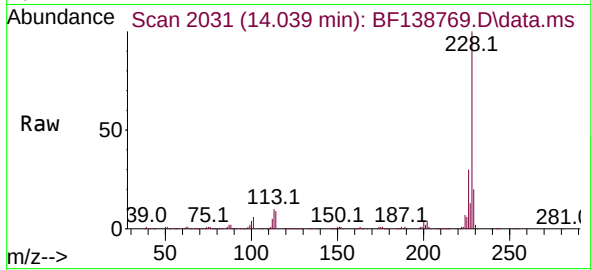
229 19.5 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.092 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

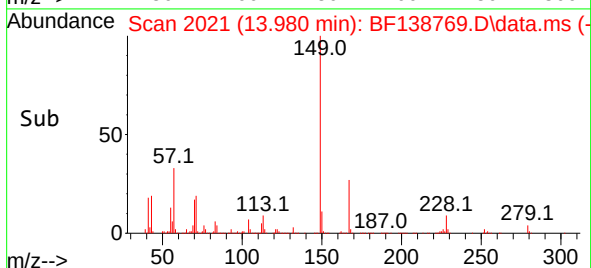
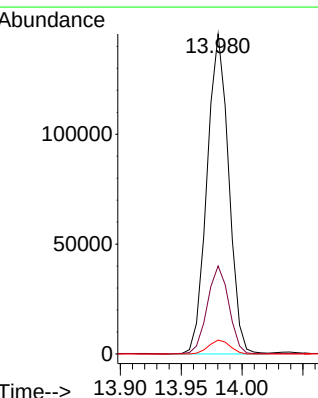
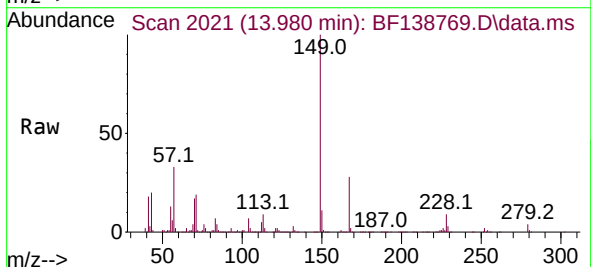
Tgt Ion:149 Resp: 180500

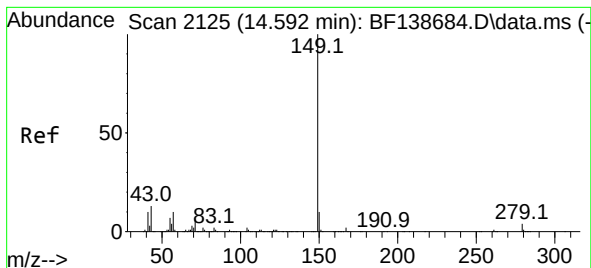
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

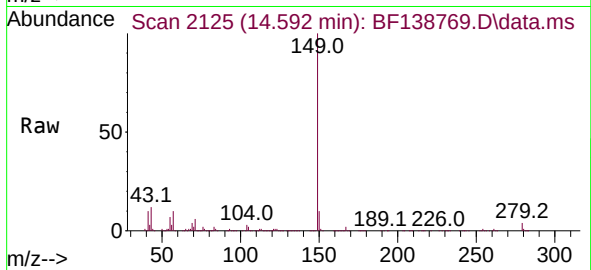
279 4.3 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 46.020 ng
RT: 14.592 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

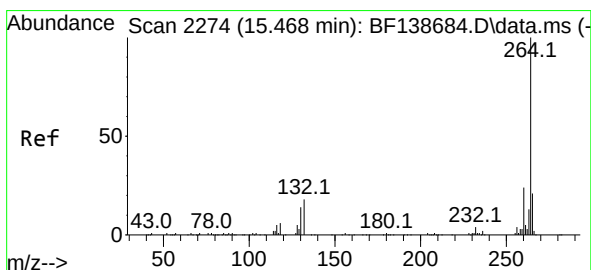
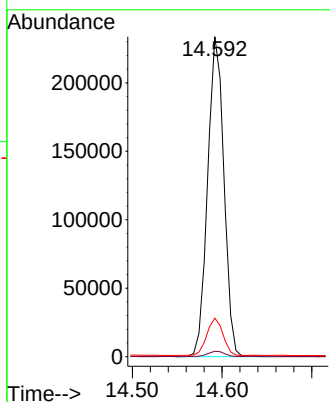
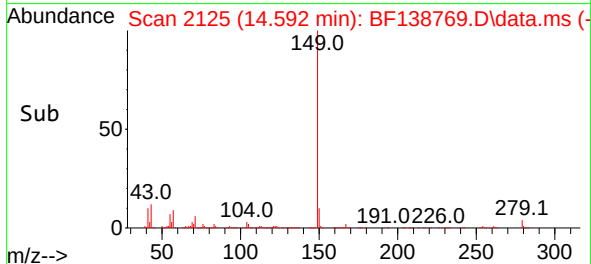
Instrument :
BNA_F
ClientSampleId :
TP4MS



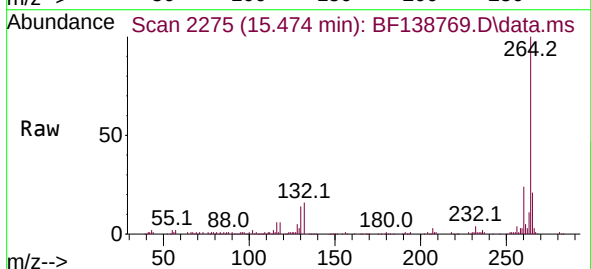
Tgt Ion:149 Resp: 29502
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 11.4 10.4 15.6

Manual Integrations
APPROVED

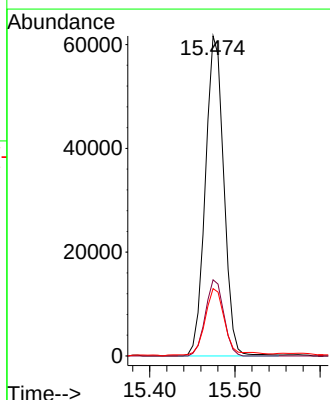
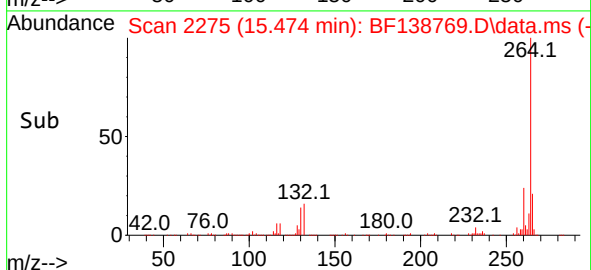
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

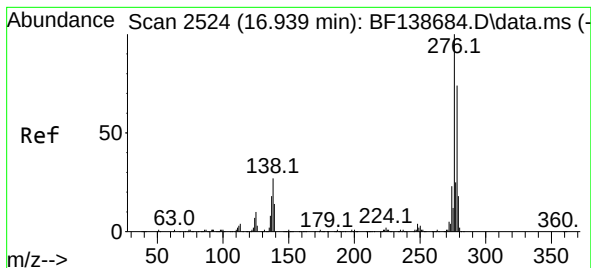


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40



Tgt Ion:264 Resp: 92586
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.650 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

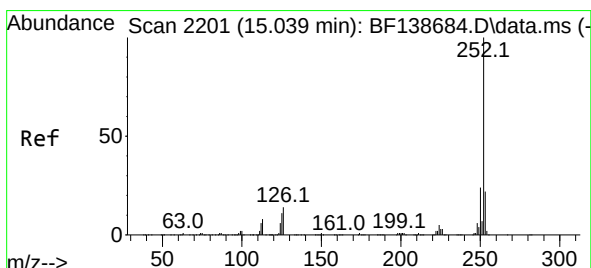
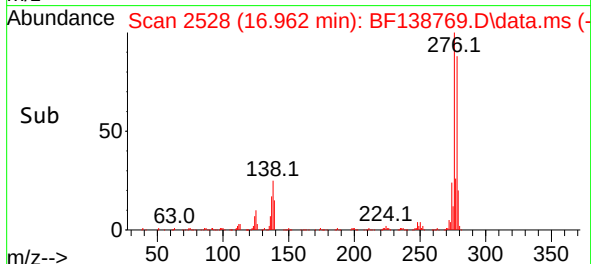
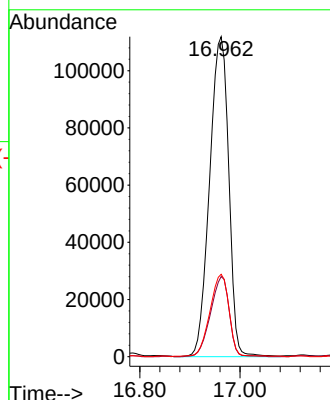
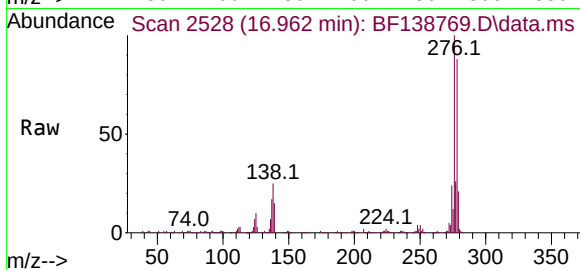
Tgt Ion:	276	Resp:	29625
Ion Ratio	Lower	Upper	
276	100		
138	24.4	21.8	32.8
277	25.9	20.6	30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#88

Benzo(b)fluoranthene

Concen: 54.899 ng

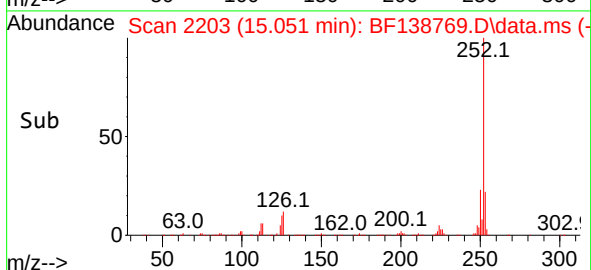
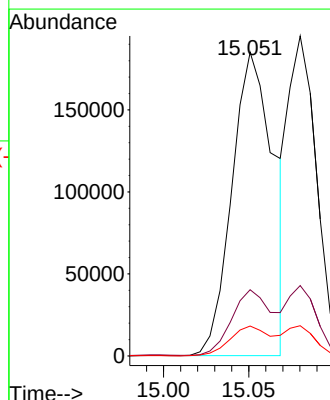
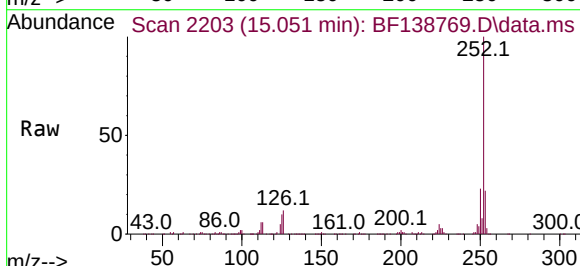
RT: 15.051 min Scan# 2203

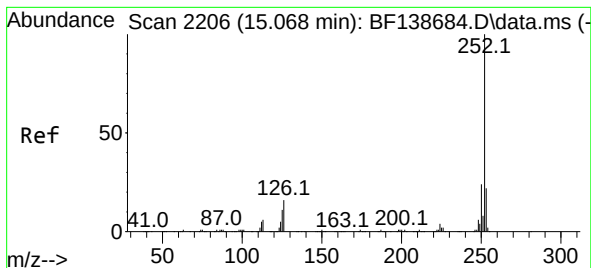
Delta R.T. 0.012 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Tgt Ion:	252	Resp:	315089
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	9.8	8.9	13.3





#89

Benzo(k)fluoranthene

Concen: 45.130 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Instrument :

BNA_F

ClientSampleId :

TP4MS

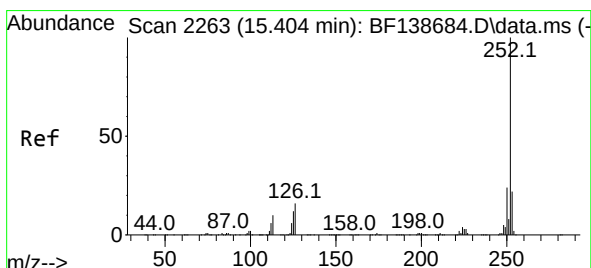
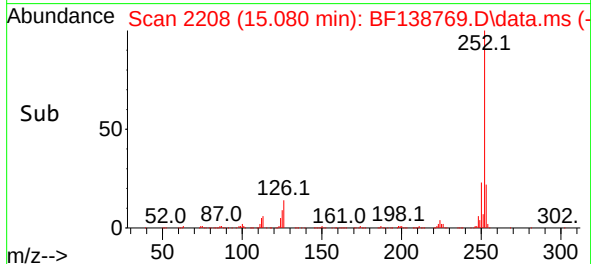
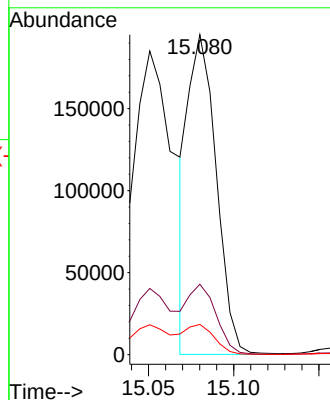
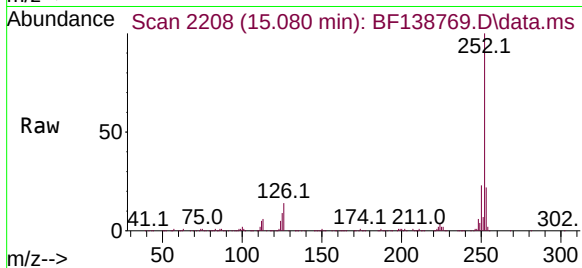
Tgt Ion:252 Resp: 224260
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.0
 125 9.5 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#90

Benzo(a)pyrene

Concen: 54.914 ng

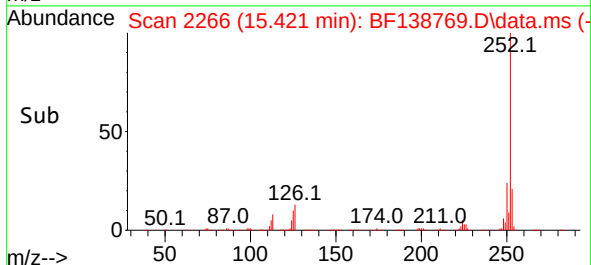
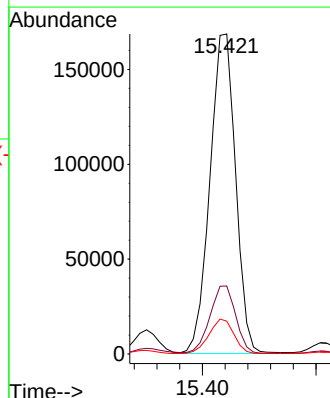
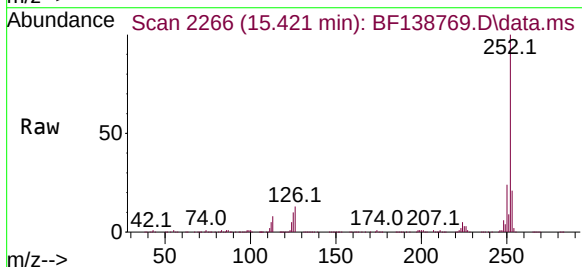
RT: 15.421 min Scan# 2266

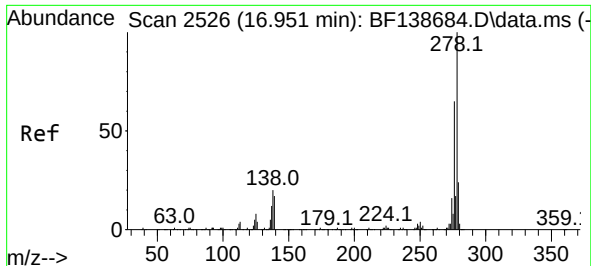
Delta R.T. 0.018 min

Lab File: BF138769.D

Acq: 03 Aug 2024 14:40

Tgt Ion:252 Resp: 265105
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.3 25.9
 125 10.3 9.5 14.3





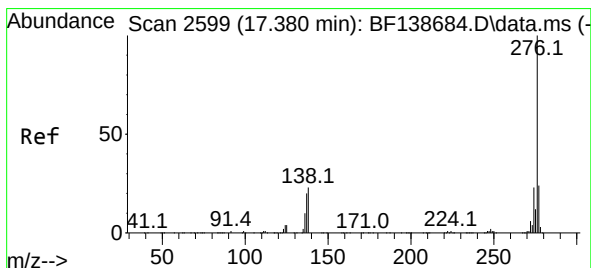
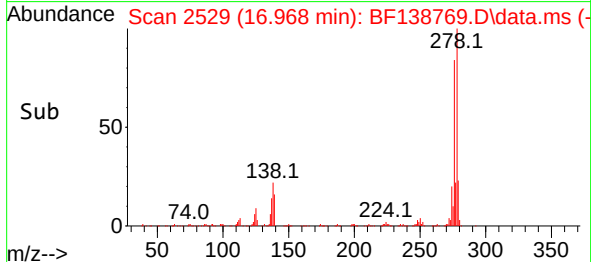
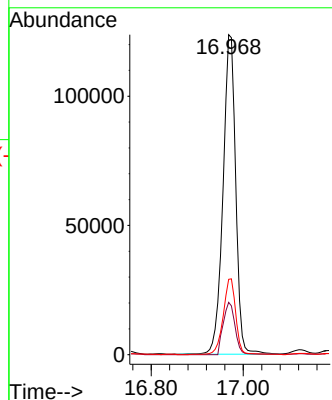
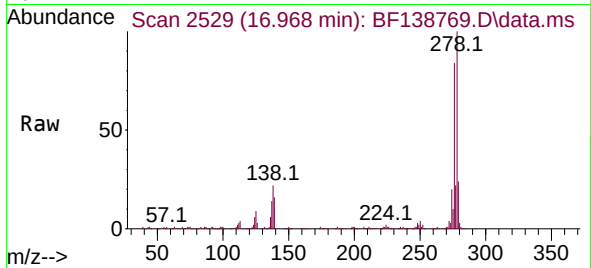
#91
Dibenzo(a,h)anthracene
Concen: 43.342 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Instrument :
BNA_F
ClientSampleId :
TP4MS

Tgt Ion:278 Resp: 236060
Ion Ratio Lower Upper
278 100
139 16.3 14.0 21.0
279 23.6 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#92
Benzo(g,h,i)perylene
Concen: 38.808 ng
RT: 17.404 min Scan# 2603
Delta R.T. 0.024 min
Lab File: BF138769.D
Acq: 03 Aug 2024 14:40

Tgt Ion:276 Resp: 219340
Ion Ratio Lower Upper
276 100
277 22.8 19.0 28.4
138 20.5 18.5 27.7

