

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061224\
 Data File : BF138195.D
 Acq On : 12 Jun 2024 15:42
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061224

Quant Time: Jun 13 01:55:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	338095	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1314905	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	720851	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1242199	20.000	ng	0.00
76) Chrysene-d12	14.051	240	807807	20.000	ng	0.00
86) Perylene-d12	15.521	264	690227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1683756	83.309	ng	0.00
7) Phenol-d6	6.522	99	2139486	83.481	ng	0.00
23) Nitrobenzene-d5	7.457	82	1924512	85.206	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	623942	86.946	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3564986	78.641	ng	0.00
79) Terphenyl-d14	13.004	244	3822258	74.941	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	384134	41.532	ng	100
3) Pyridine	3.440	79	917512	41.738	ng	98
4) n-Nitrosodimethylamine	3.405	42	421710	41.451	ng	98
6) Aniline	6.551	93	1078364m	43.003	ng	
8) 2-Chlorophenol	6.681	128	925098	42.337	ng	99
9) Benzaldehyde	6.446	77	564762	41.490	ng	98
10) Phenol	6.534	94	1100579m	42.316	ng	
11) bis(2-Chloroethyl)ether	6.634	93	865526	41.581	ng	99
12) 1,3-Dichlorobenzene	6.834	146	1037609	41.784	ng	100
13) 1,4-Dichlorobenzene	6.910	146	1050375	42.031	ng	100
14) 1,2-Dichlorobenzene	7.063	146	981150	41.822	ng	99
15) Benzyl Alcohol	7.034	79	744899	43.107	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1225377	41.711	ng	100
17) 2-Methylphenol	7.140	107	732670	42.499	ng	99
18) Hexachloroethane	7.410	117	362063	42.765	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	642235	42.276	ng	98
20) 3+4-Methylphenols	7.298	107	930402	42.878	ng	98
22) Acetophenone	7.304	105	1218263	40.558	ng	99
24) Nitrobenzene	7.481	77	982897	42.105	ng	93
25) Isophorone	7.716	82	1687010	41.293	ng	99
26) 2-Nitrophenol	7.792	139	458642	48.860	ng	100
27) 2,4-Dimethylphenol	7.822	122	602947	42.220	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	1056853	41.325	ng	99
29) 2,4-Dichlorophenol	8.028	162	771457	41.958	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	886851	40.900	ng	99
31) Naphthalene	8.198	128	2655568	40.843	ng	100
32) Benzoic acid	7.940	122	602577	47.874	ng	99
33) 4-Chloroaniline	8.245	127	1002827	41.267	ng	99
34) Hexachlorobutadiene	8.316	225	513732	40.510	ng	99
35) Caprolactam	8.616	113	246871	44.475	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	775406	42.357	ng	98
37) 2-Methylnaphthalene	8.887	142	1759819	41.241	ng	100
38) 1-Methylnaphthalene	8.986	142	1718541	41.098	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	851965	40.445	ng	100
41) Hexachlorocyclopentadiene	9.039	237	297160	43.264	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	561322	42.558	ng	99

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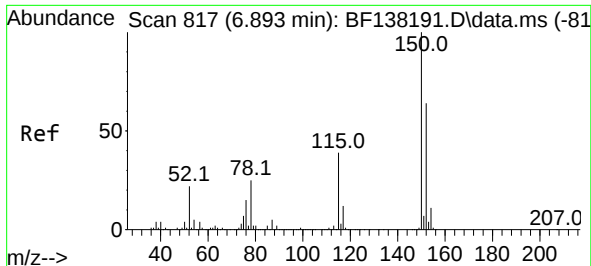
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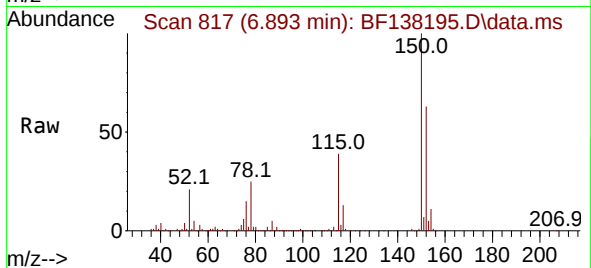
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	605275	41.788	ng	97
46) 1,1'-Biphenyl	9.351	154	2134664	40.357	ng	99
47) 2-Chloronaphthalene	9.381	162	1679650	40.180	ng	97
48) 2-Nitroaniline	9.469	65	463261	46.016	ng	99
49) Acenaphthylene	9.792	152	2393703	40.835	ng	100
50) Dimethylphthalate	9.651	163	1812778	41.044	ng	99
51) 2,6-Dinitrotoluene	9.710	165	436056	45.509	ng	98
52) Acenaphthene	9.963	154	1645264	41.160	ng	99
53) 3-Nitroaniline	9.881	138	456615	44.609	ng	100
54) 2,4-Dinitrophenol	9.981	184	189224	46.941	ng	99
55) Dibenzofuran	10.133	168	2255760	40.369	ng	100
56) 4-Nitrophenol	10.034	139	374218	46.263	ng	87
57) 2,4-Dinitrotoluene	10.116	165	552918	46.786	ng	97
58) Fluorene	10.481	166	1781439	40.548	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	480628	42.458	ng	99
60) Diethylphthalate	10.351	149	1726862	41.196	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	886005	40.492	ng	99
62) 4-Nitroaniline	10.498	138	455502	44.538	ng	96
63) Azobenzene	10.633	77	1721593	40.994	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	271655	43.651	ng	83
66) n-Nitrosodiphenylamine	10.592	169	1545741	40.645	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	578021	41.295	ng	98
68) Hexachlorobenzene	11.022	284	667153	40.842	ng	100
69) Atrazine	11.116	200	443386	40.932	ng	99
70) Pentachlorophenol	11.216	266	427935	44.920	ng	98
71) Phenanthrene	11.439	178	2496805	40.644	ng	100
72) Anthracene	11.492	178	2477241	40.616	ng	99
73) Carbazole	11.645	167	2304408	41.193	ng	100
74) Di-n-butylphthalate	11.975	149	2516425	43.451	ng	100
75) Fluoranthene	12.627	202	2640339	42.149	ng	99
77) Benzidine	12.745	184	670549	71.765	ng	99
78) Pyrene	12.857	202	2709582	38.887	ng	99
80) Butylbenzylphthalate	13.474	149	897292	47.343	ng	94
81) Benzo(a)anthracene	14.039	228	2106798	40.652	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	591077	41.417	ng	98
83) Chrysene	14.080	228	1965515	39.789	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1069133	48.501	ng	99
85) Di-n-octyl phthalate	14.645	149	1420025	43.362	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	1830610	40.684	ng	100
88) Benzo(b)fluoranthene	15.092	252	1811025	44.493	ng	99
89) Benzo(k)fluoranthene	15.121	252	1591105	39.887	ng	99
90) Benzo(a)pyrene	15.463	252	1463058	41.840	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1512407	40.950	ng	99
92) Benzo(g,h,i)perylene	17.457	276	1566636	41.003	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

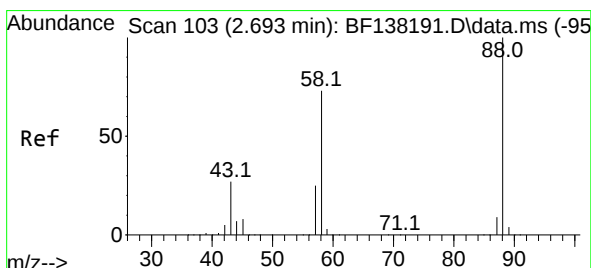
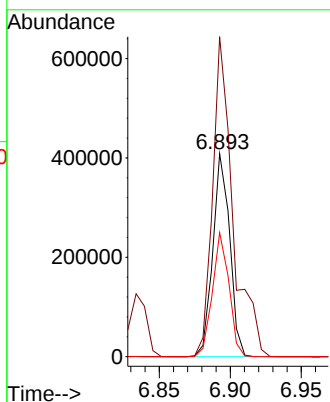
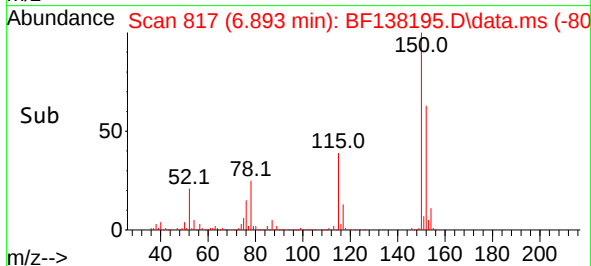
Instrument :
BNA_F
ClientSampleId :
ICVBF061224



Tgt Ion:152 Resp: 338095
Ion Ratio Lower Upper
152 100
150 157.7 125.0 187.4
115 61.1 48.4 72.6

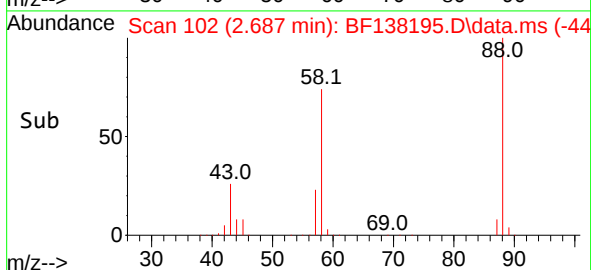
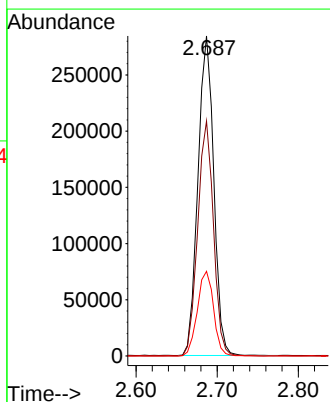
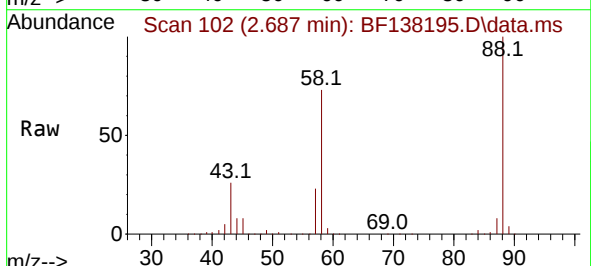
Manual Integrations
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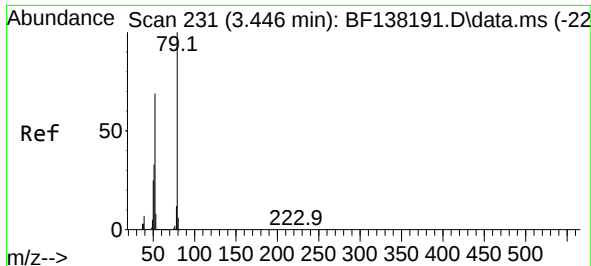
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#2
1,4-Dioxane
Concen: 41.532 ng
RT: 2.687 min Scan# 102
Delta R.T. -0.006 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Tgt Ion: 88 Resp: 384134
Ion Ratio Lower Upper
88 100
58 73.3 58.6 87.8
43 27.3 22.4 33.6





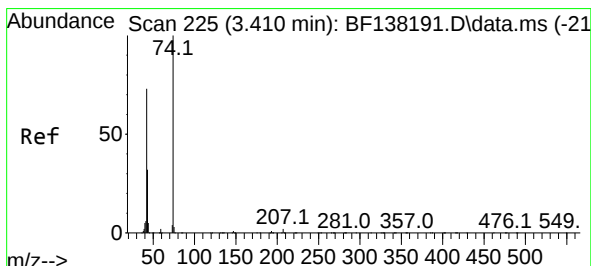
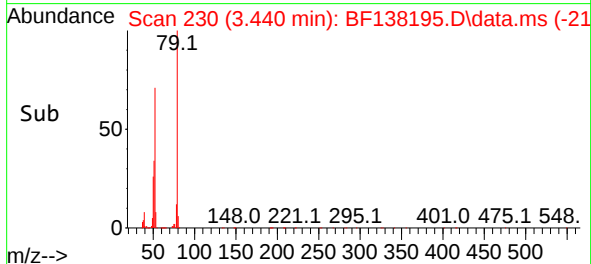
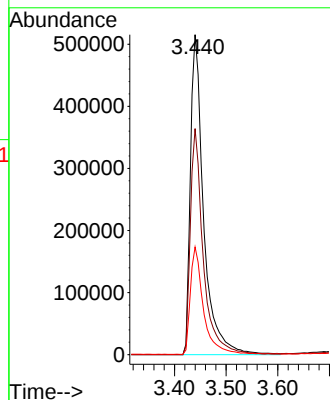
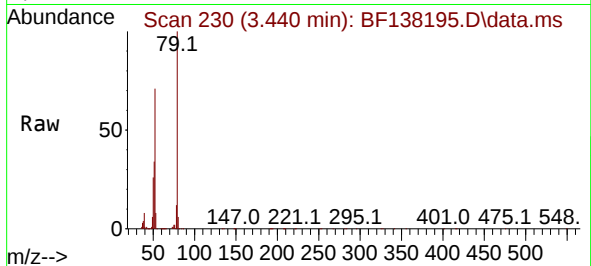
#3
Pyridine
Concen: 41.738 ng
RT: 3.440 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :
BNA_F
ClientSampleId :
ICVBF061224

Tgt Ion: 79 Resp: 917512
Ion Ratio Lower Upper
79 100
52 70.6 55.0 82.4
51 33.7 26.9 40.3

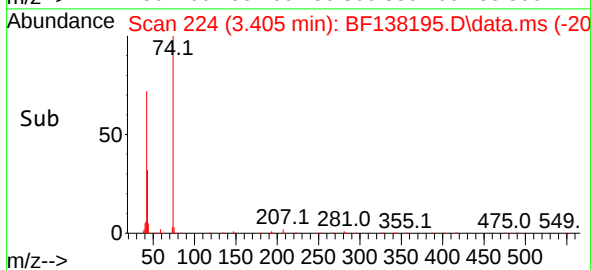
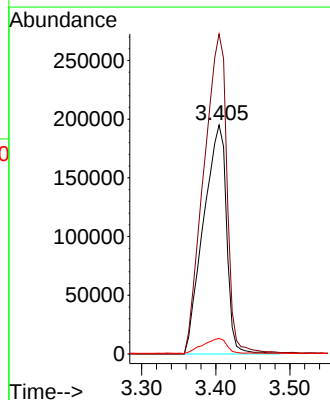
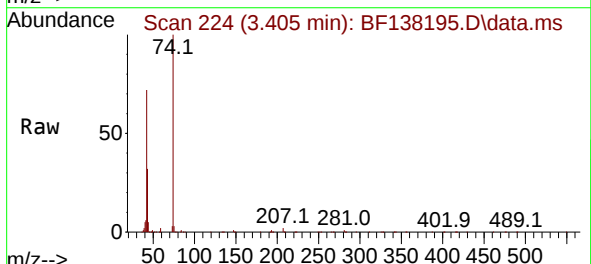
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Supervised By :mohammad ahmed 06/15/2024



#4
n-Nitrosodimethylamine
Concen: 41.451 ng
RT: 3.405 min Scan# 224
Delta R.T. -0.006 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Tgt Ion: 42 Resp: 421710
Ion Ratio Lower Upper
42 100
74 139.8 109.9 164.9
44 6.8 5.2 7.8





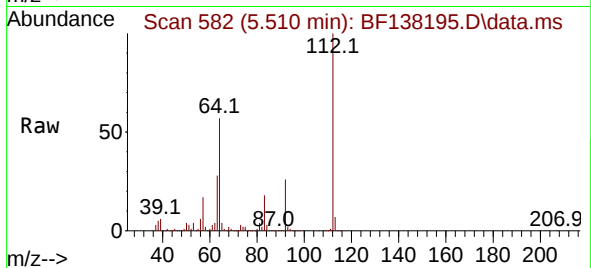
#5
2-Fluorophenol
Concen: 83.309 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

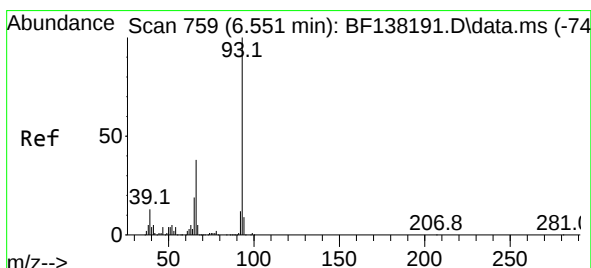
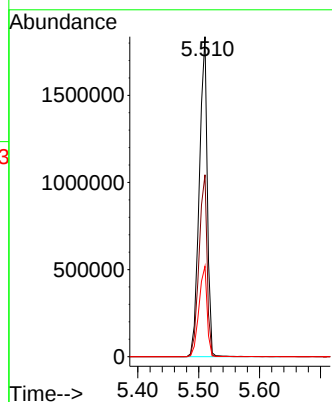
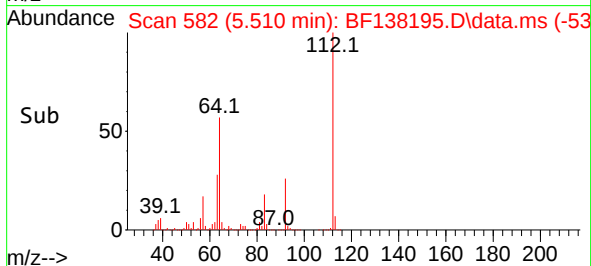


Tgt Ion: 112 Resp: 1683750
Ion Ratio Lower Upper
112 100
64 56.9 45.2 67.8
63 28.3 22.9 34.3

Manual Integrations

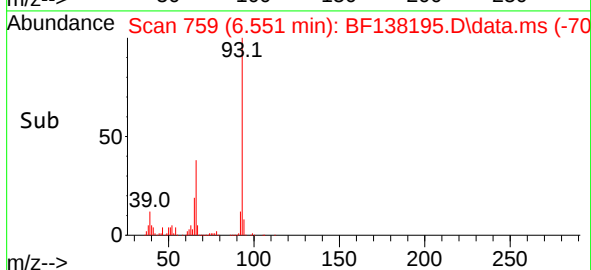
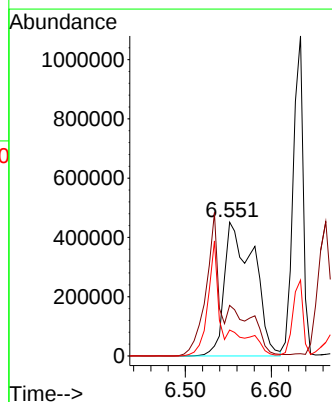
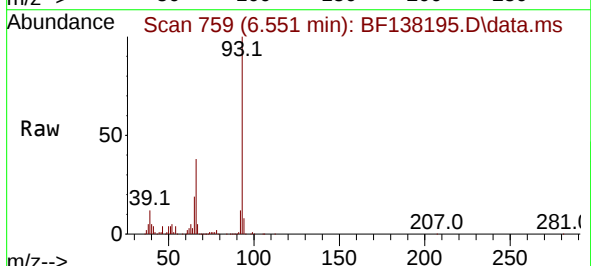
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#6
Aniline
Concen: 43.003 ng m
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

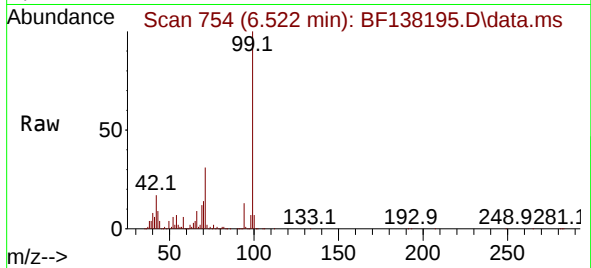
Tgt Ion: 93 Resp: 1078364
Ion Ratio Lower Upper
93 100
66 37.8 30.8 46.2
65 19.3 15.5 23.3





#7
Phenol-d6
Concen: 83.481 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

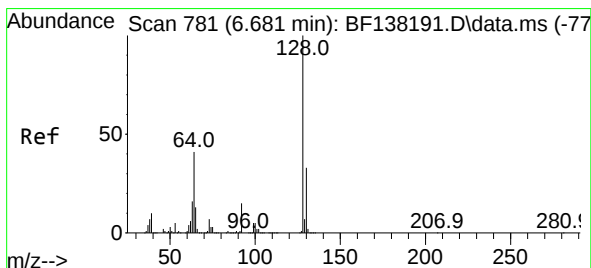
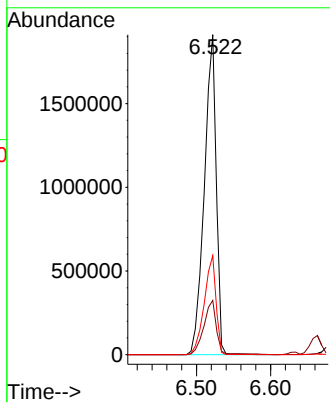
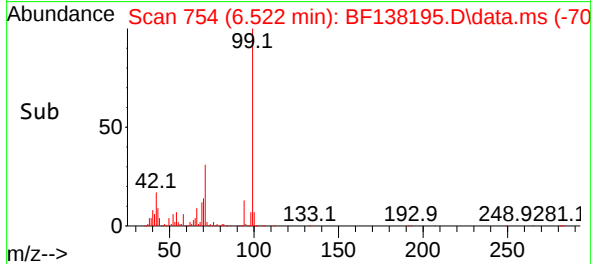
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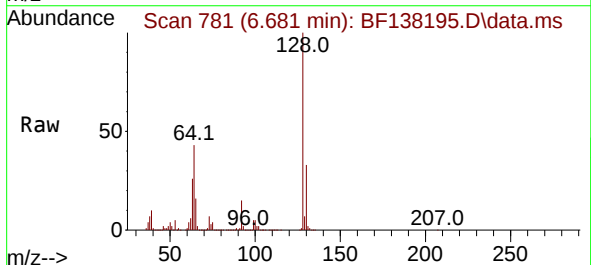
Tgt Ion: 99 Resp: 213948
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 31.0 25.0 37.6

Manual Integrations
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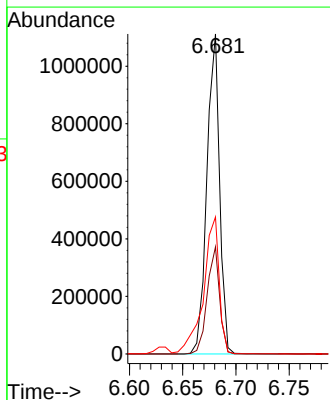
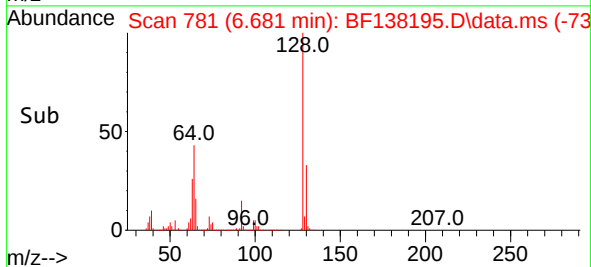
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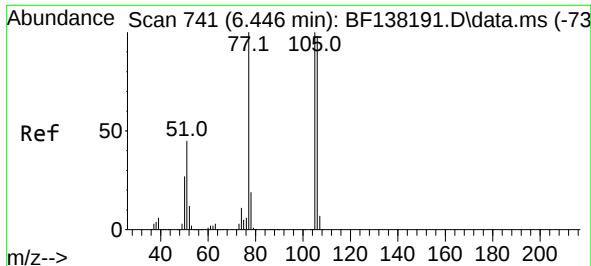


#8
2-Chlorophenol
Concen: 42.337 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



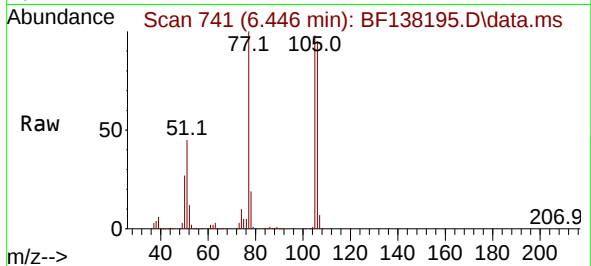
Tgt Ion:128 Resp: 925098
Ion Ratio Lower Upper
128 100
130 33.5 13.1 53.1
64 42.8 21.8 61.8





#9
Benzaldehyde
Concen: 41.490 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

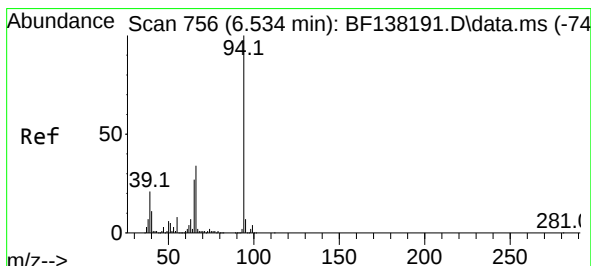
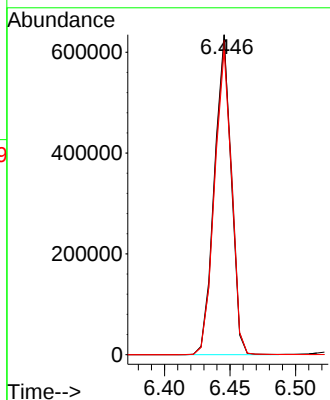
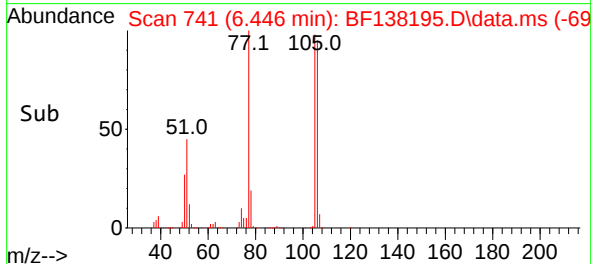
Instrument :
BNA_F
ClientSampleId :
ICVBF061224



Tgt Ion: 77 Resp: 564762
Ion Ratio Lower Upper
77 100
105 98.3 80.1 120.1
106 95.0 77.8 117.8

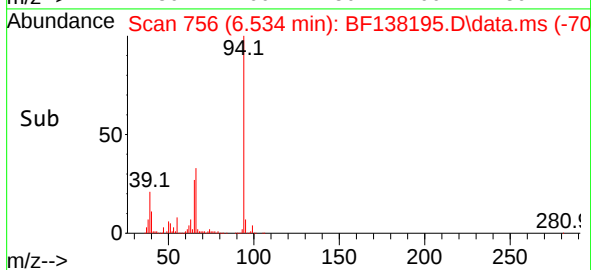
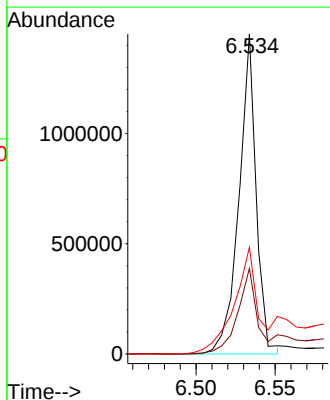
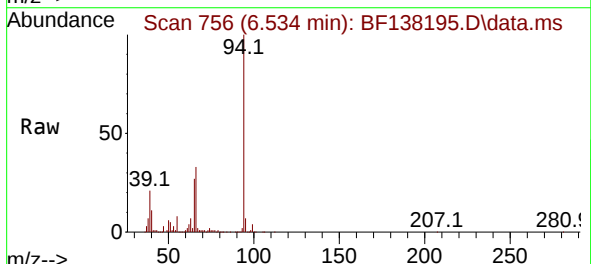
Manual Integrations
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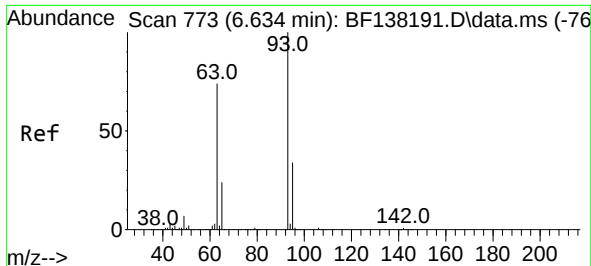
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#10
Phenol
Concen: 42.316 ng m
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Tgt Ion: 94 Resp: 1100579
Ion Ratio Lower Upper
94 100
65 26.8 6.8 46.8
66 33.3 14.2 54.2





#11
bis(2-Chloroethyl)ether
Concen: 41.581 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

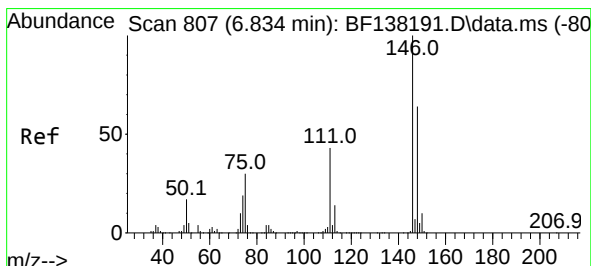
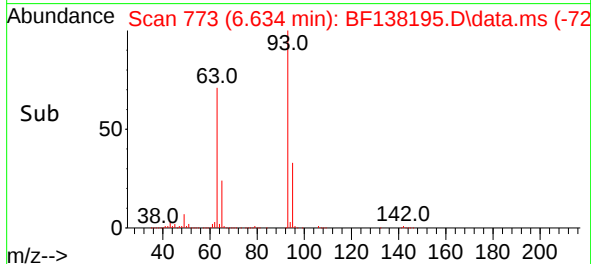
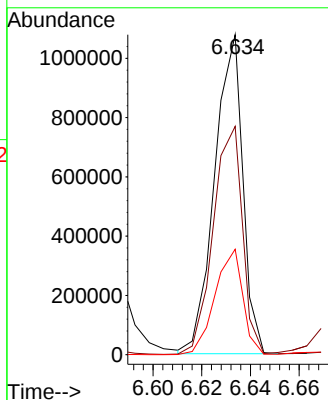
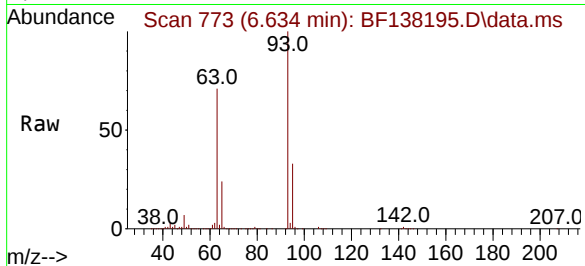
ClientSampleId :

ICVBF061224

Tgt Ion: 93 Resp: 865520
Ion Ratio Lower Upper
93 100
63 71.3 52.5 92.5
95 33.0 13.2 53.2

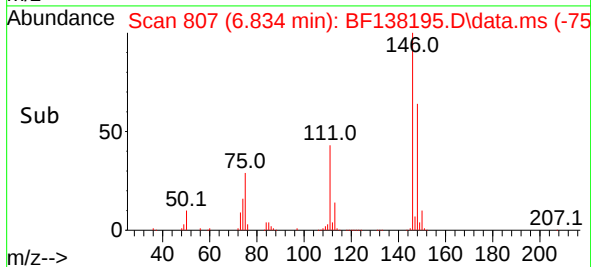
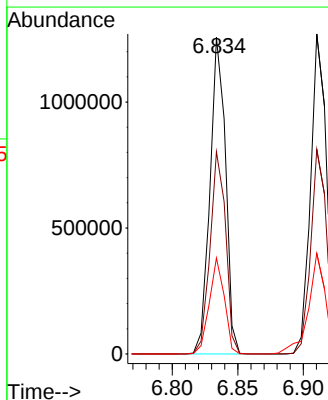
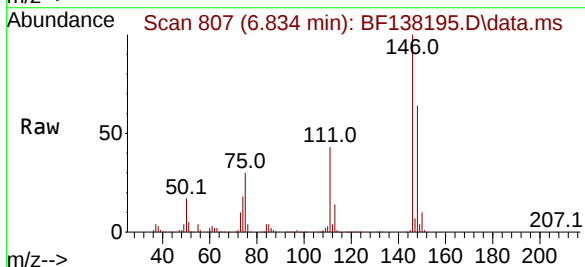
Manual Integrations
APPROVED

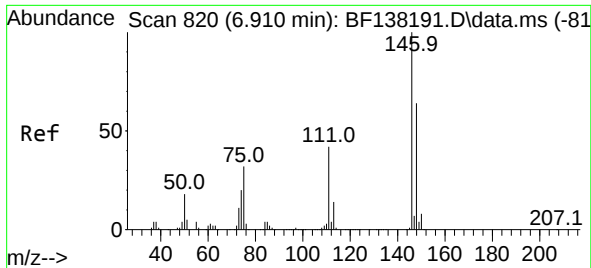
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#12
1,3-Dichlorobenzene
Concen: 41.784 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

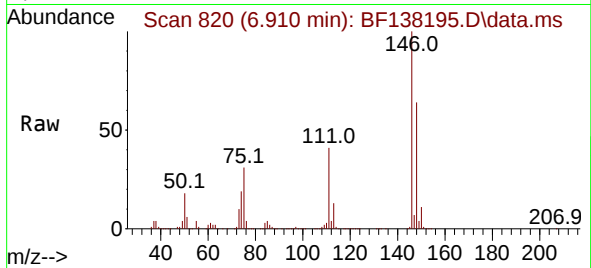
Tgt Ion:146 Resp: 1037609
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
75 30.3 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 42.031 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

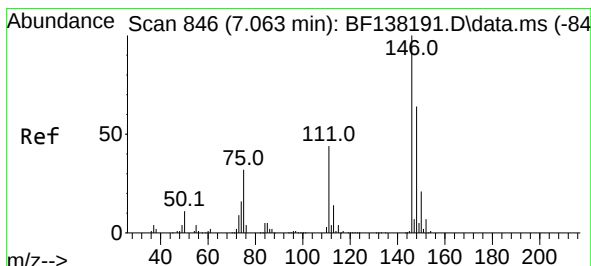
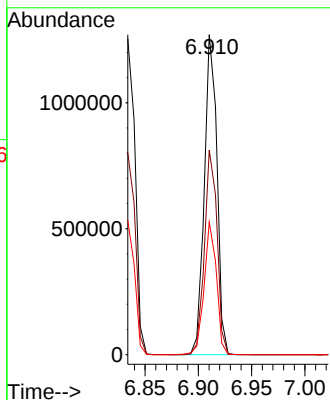
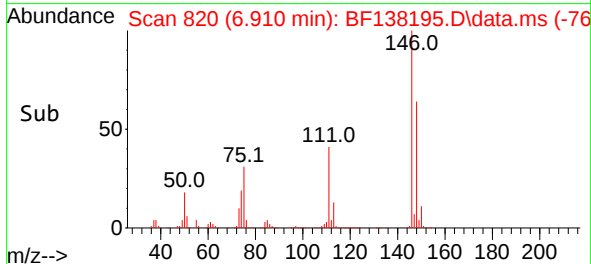
Instrument :
BNA_F
ClientSampleId :
ICVBF061224



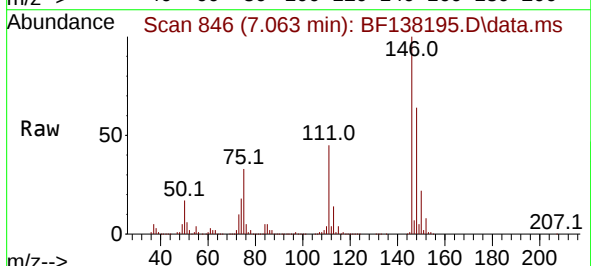
Tgt Ion:146 Resp: 105037
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 41.5 33.7 50.5

Manual Integrations
APPROVED

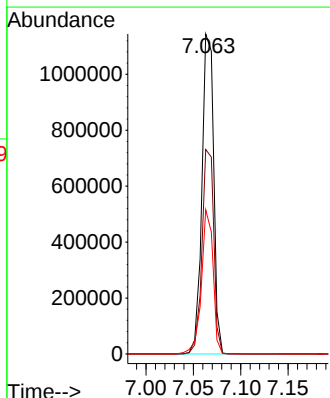
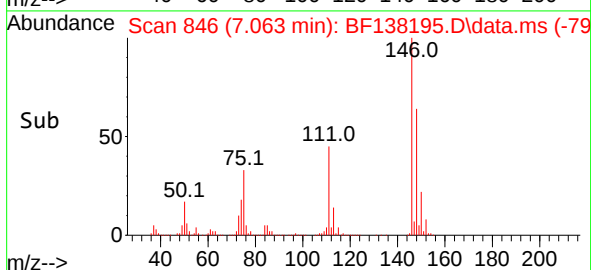
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#14
1,2-Dichlorobenzene
Concen: 41.822 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



Tgt Ion:146 Resp: 981150
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 45.1 35.4 53.2





#15
Benzyl Alcohol
Concen: 43.107 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

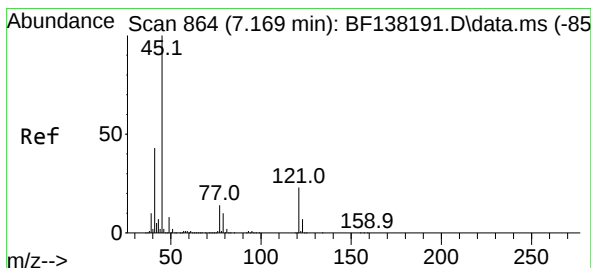
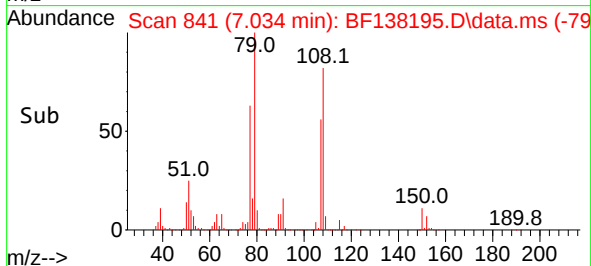
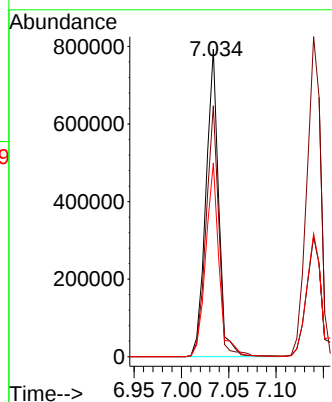
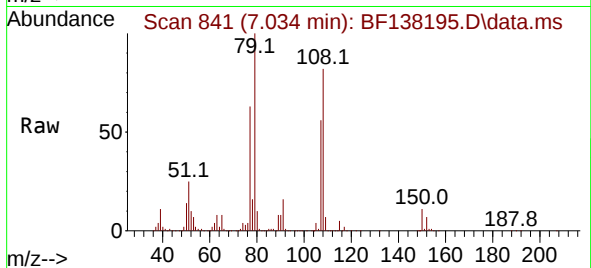
ClientSampleId :

ICVBF061224

Tgt Ion: 79 Resp: 744895
Ion Ratio Lower Upper
79 100
108 81.6 65.9 98.9
77 63.1 50.3 75.5

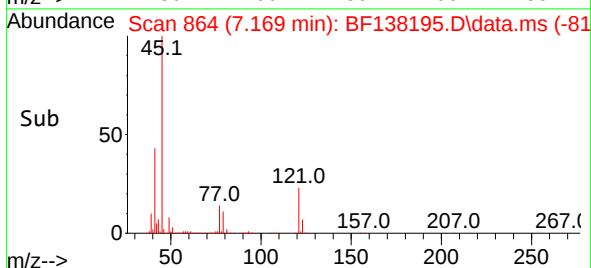
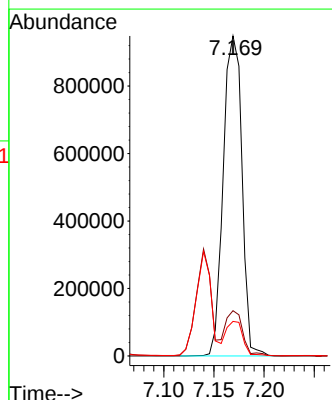
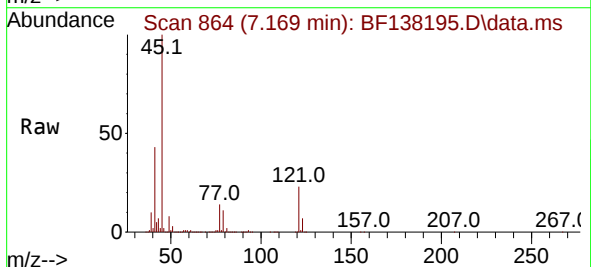
Manual Integrations
APPROVED

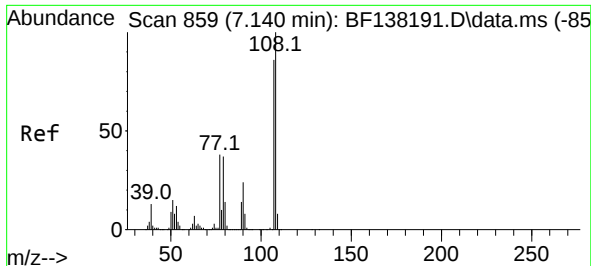
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.711 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Tgt Ion: 45 Resp: 1225377
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.9
79 10.8 0.0 30.7





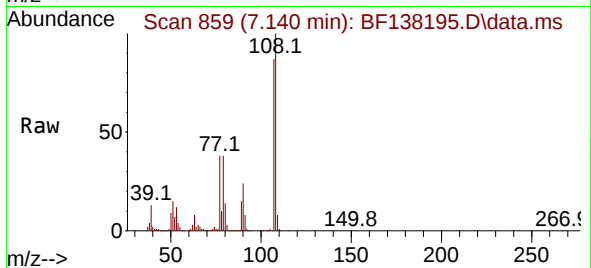
#17
2-Methylphenol
Concen: 42.499 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

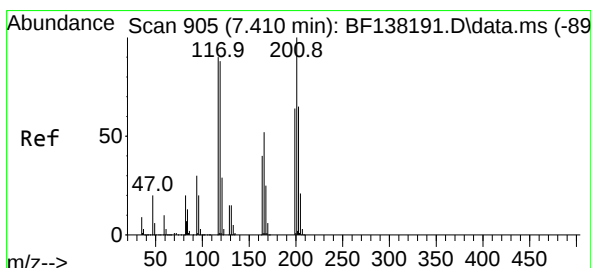
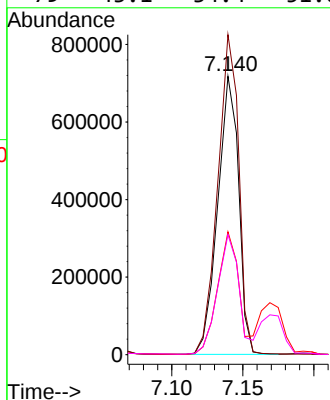
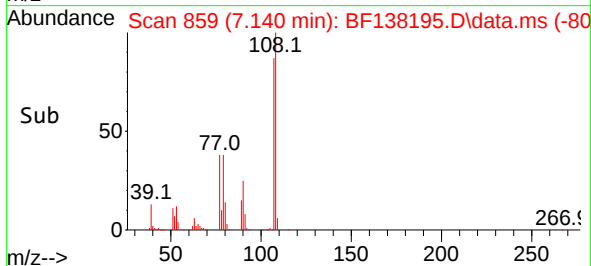


Tgt Ion:107 Resp: 732670
Ion Ratio Lower Upper
107 100
108 114.9 92.7 139.1
77 44.1 35.7 53.5
79 43.1 34.4 51.6

Manual Integrations

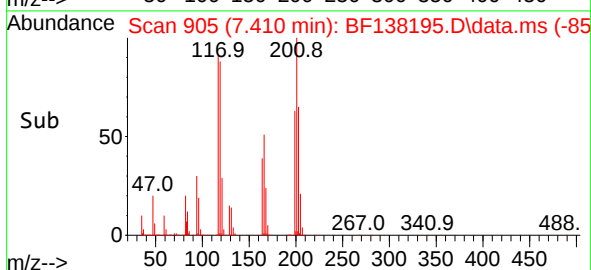
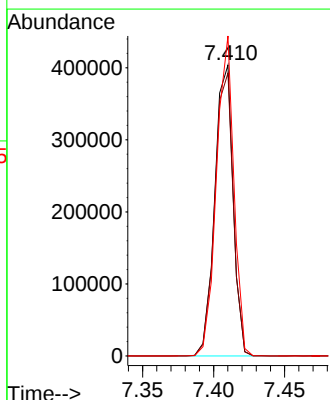
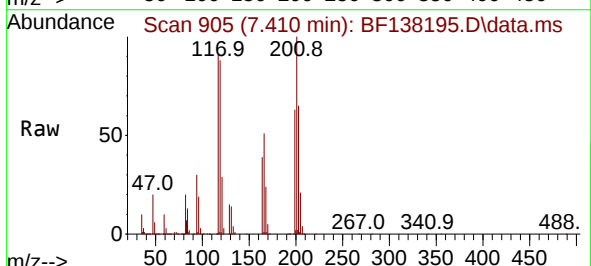
APPROVED

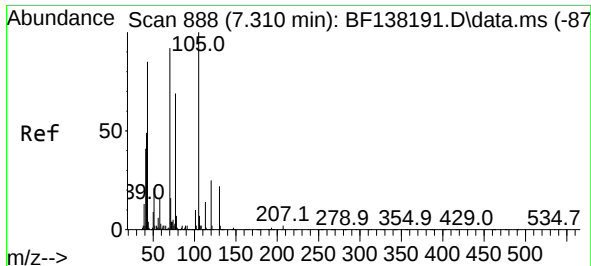
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#18
Hexachloroethane
Concen: 42.765 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Tgt Ion:117 Resp: 362063
Ion Ratio Lower Upper
117 100
119 97.2 78.4 117.6
201 110.0 89.0 133.6





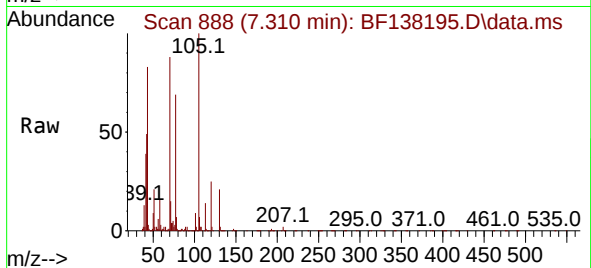
#19
n-Nitroso-di-n-propylamine
Concen: 42.276 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

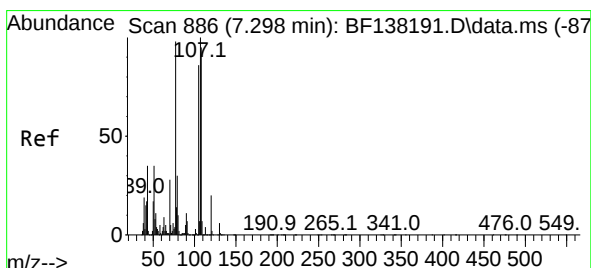
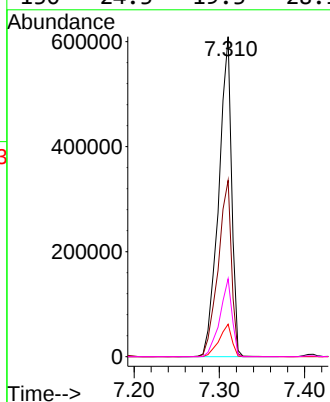
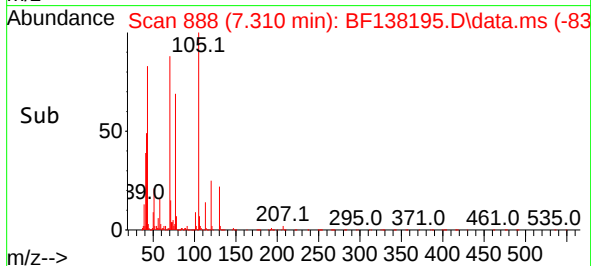


Tgt Ion: 70 Resp: 642235
Ion Ratio Lower Upper
70 100
42 55.1 42.8 64.2
101 10.2 8.4 12.6
130 24.3 19.3 28.9

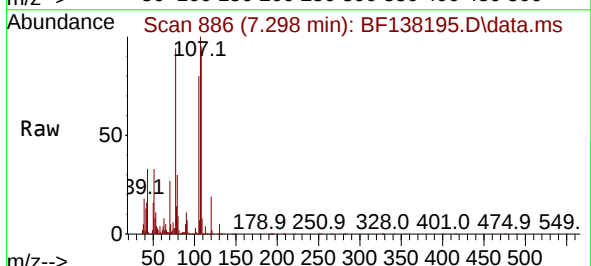
Manual Integrations

APPROVED

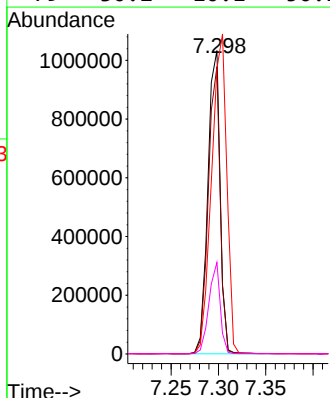
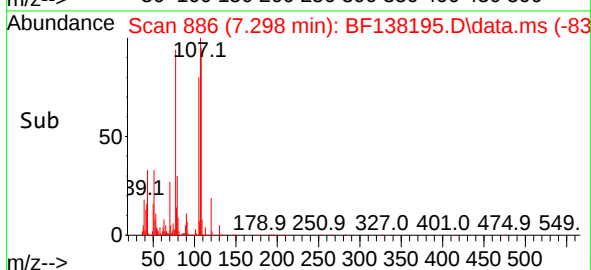
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

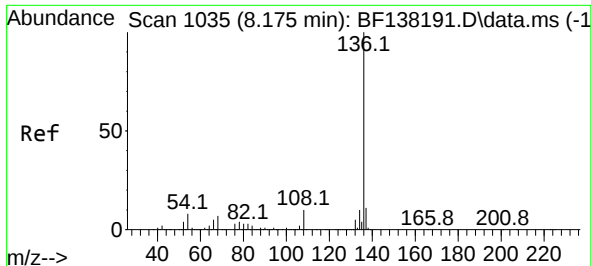


#20
3+4-Methylphenols
Concen: 42.878 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



Tgt Ion:107 Resp: 930402
Ion Ratio Lower Upper
107 100
108 94.7 74.9 114.9
77 94.1 78.2 118.2
79 30.2 10.1 50.1





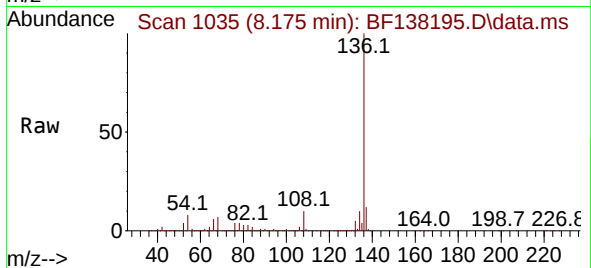
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

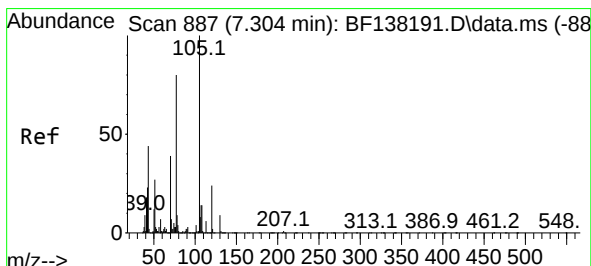
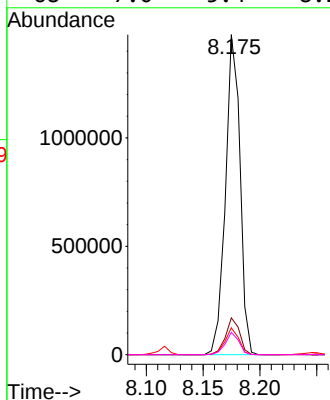
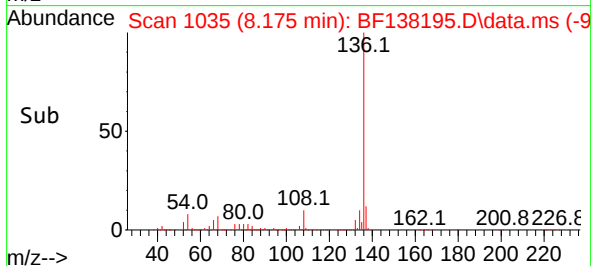


Tgt Ion:136 Resp: 1314908
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.4 6.6 10.0
68 7.0 5.4 8.2

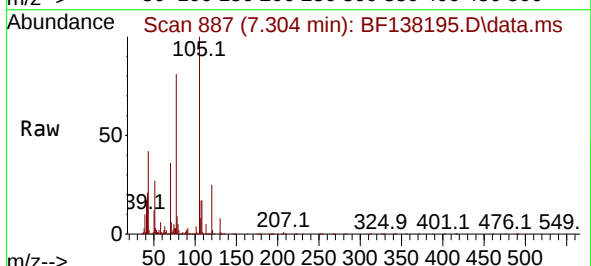
Manual Integrations

APPROVED

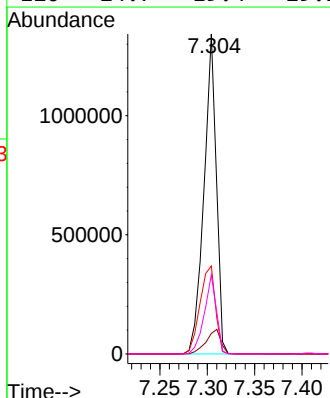
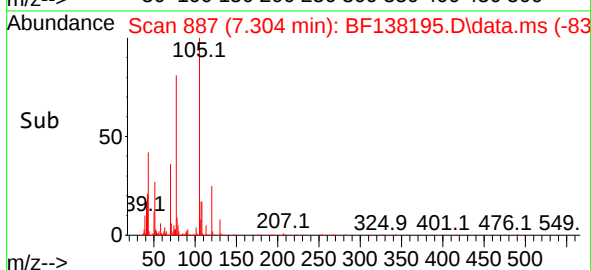
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

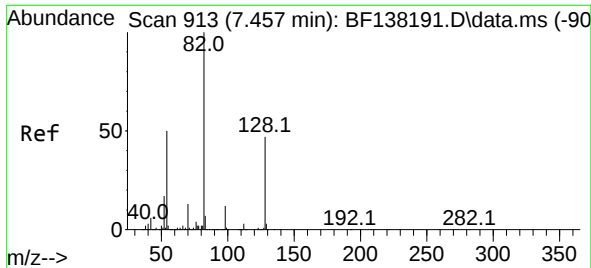


#22
Acetophenone
Concen: 40.558 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



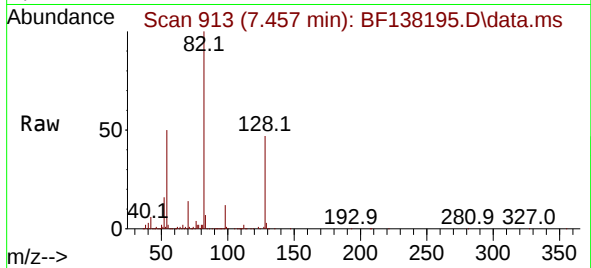
Tgt Ion:105 Resp: 1218263
Ion Ratio Lower Upper
105 100
71 6.4 5.4 8.2
51 27.5 21.4 32.0
120 24.7 19.4 29.2





#23
Nitrobenzene-d5
Concen: 85.206 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

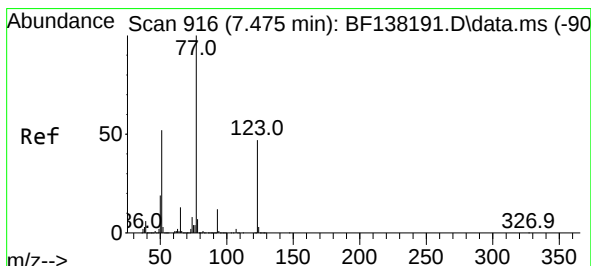
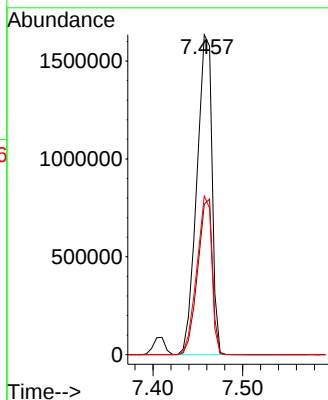
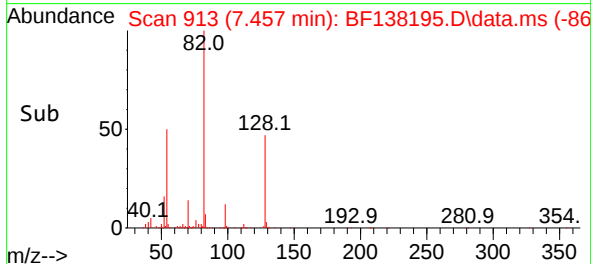
Instrument :
BNA_F
ClientSampleId :
ICVBF061224



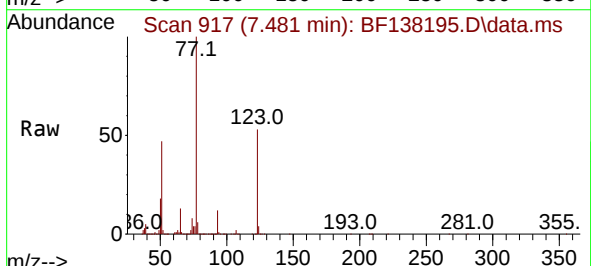
Tgt Ion: 82 Resp: 1924512
Ion Ratio Lower Upper
82 100
128 47.1 37.2 55.8
54 49.6 39.8 59.6

Manual Integrations
APPROVED

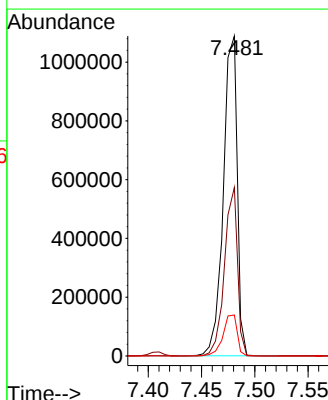
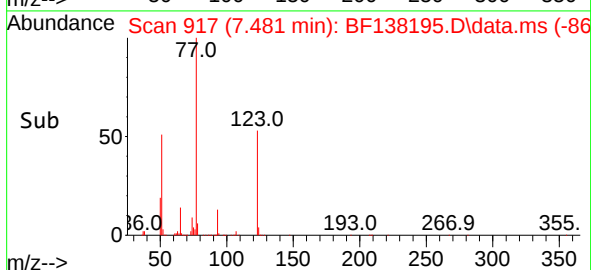
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

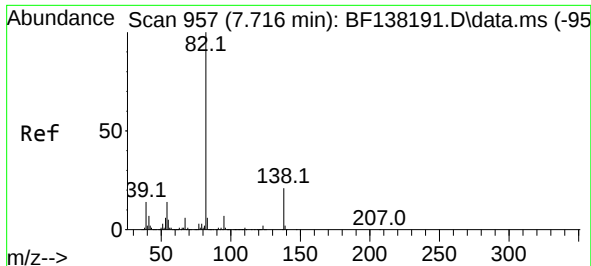


#24
Nitrobenzene
Concen: 42.105 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



Tgt Ion: 77 Resp: 982897
Ion Ratio Lower Upper
77 100
123 52.7 37.3 55.9
65 12.8 10.6 15.8





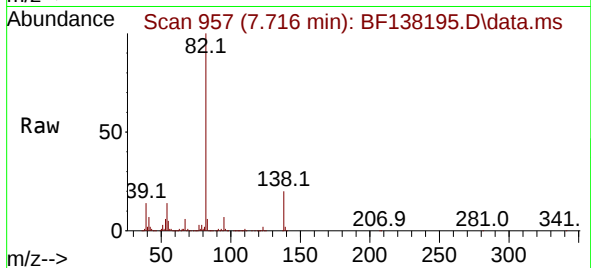
#25
Isophorone
Concen: 41.293 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

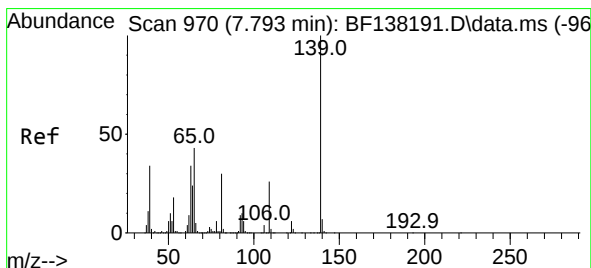
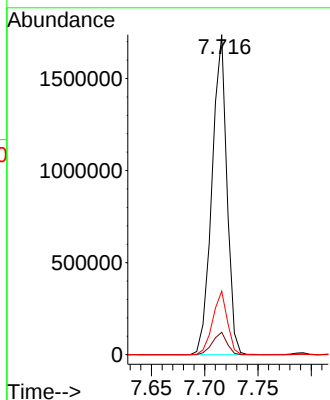
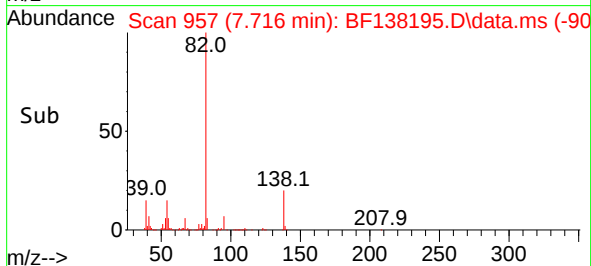
ICVBF061224



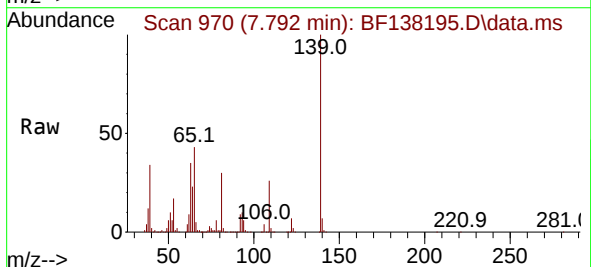
Tgt Ion: 82 Resp: 1687010
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.8 16.4 24.6

Manual Integrations
APPROVED

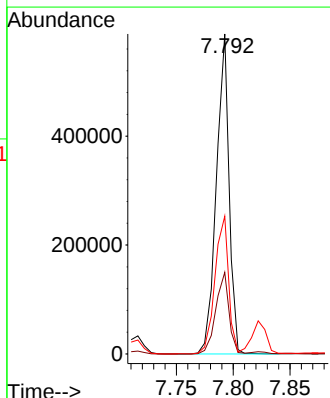
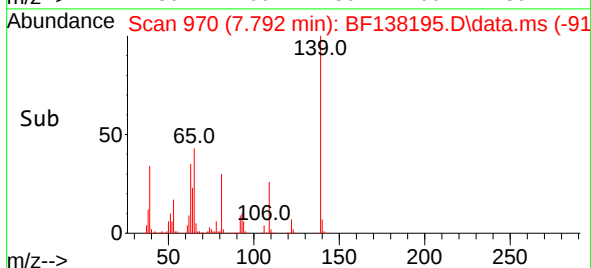
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

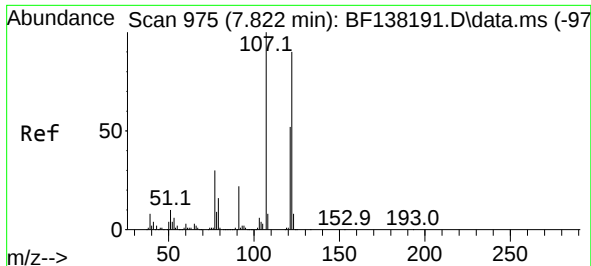


#26
2-Nitrophenol
Concen: 48.860 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.001 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



Tgt Ion:139 Resp: 458642
Ion Ratio Lower Upper
139 100
109 25.5 20.7 31.1
65 43.0 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 42.220 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138195.D

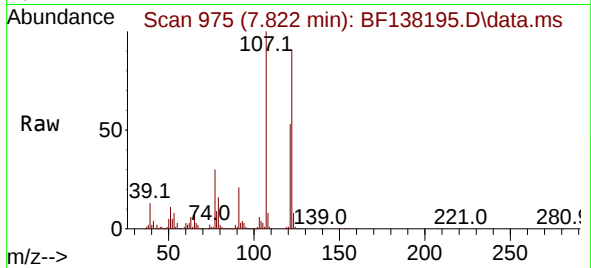
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224



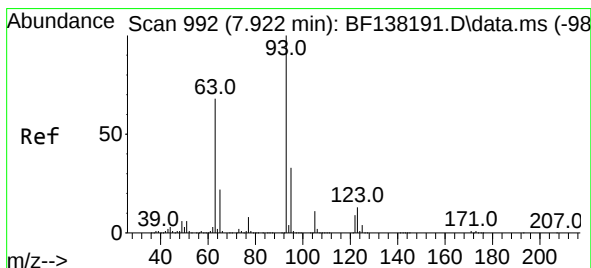
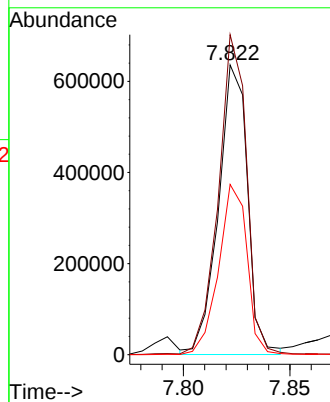
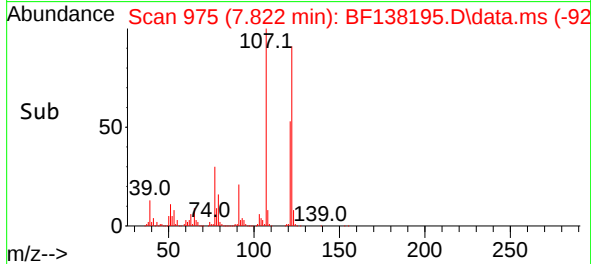
Tgt Ion:122 Resp: 60294

Ion	Ratio	Lower	Upper
122	100		
107	110.4	87.7	131.5
121	58.8	45.8	68.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.325 ng

RT: 7.928 min Scan# 993

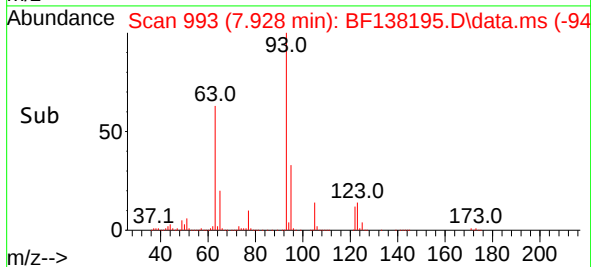
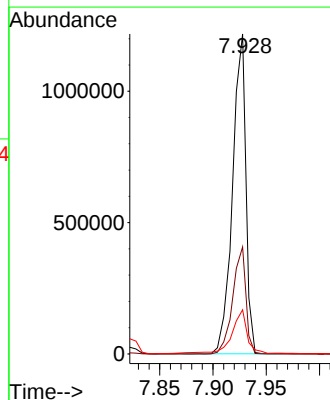
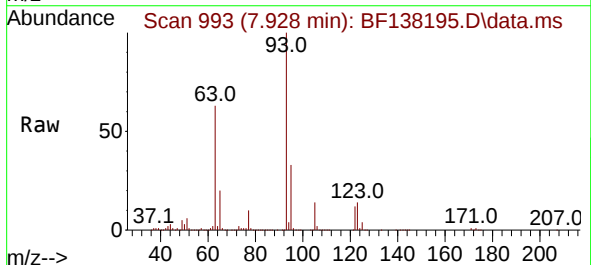
Delta R.T. 0.006 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

Tgt Ion: 93 Resp: 1056853

Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.6	39.8
123	13.8	10.2	15.4





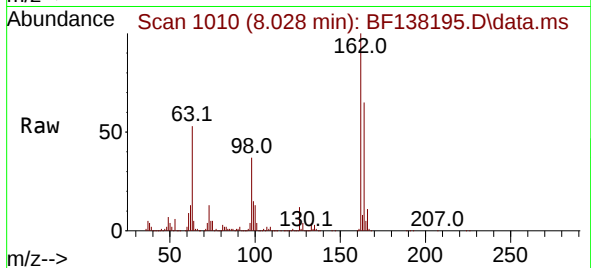
#29
2,4-Dichlorophenol
Concen: 41.958 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

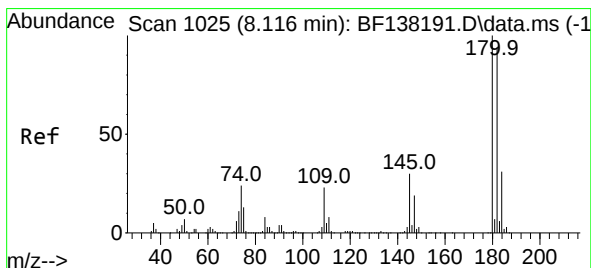
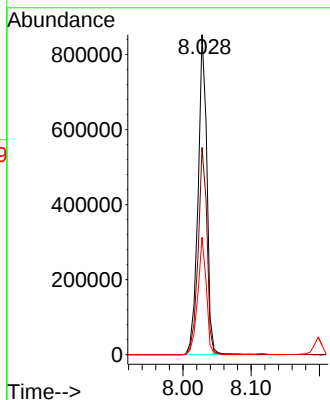
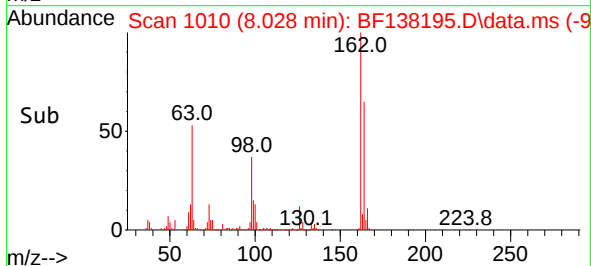


Tgt Ion:162 Resp: 77145
Ion Ratio Lower Upper
162 100
164 64.7 44.3 84.3
98 36.7 16.5 56.5

Manual Integrations

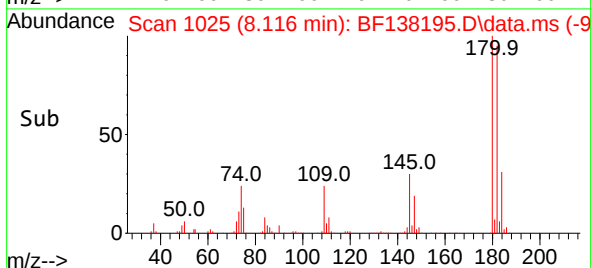
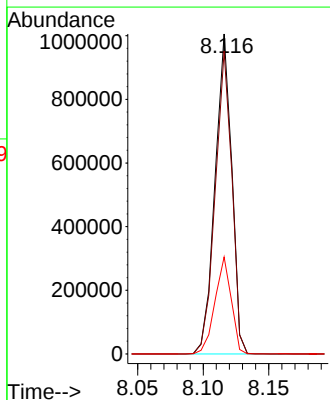
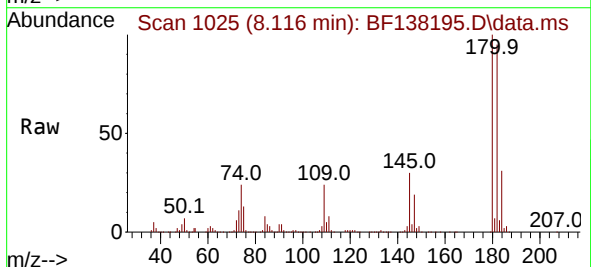
APPROVED

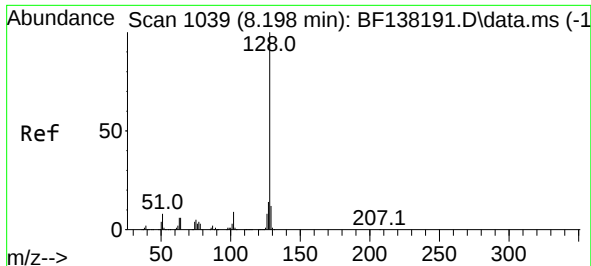
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#30
1,2,4-Trichlorobenzene
Concen: 40.900 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Tgt Ion:180 Resp: 886851
Ion Ratio Lower Upper
180 100
182 94.6 75.0 112.6
145 30.3 23.8 35.6





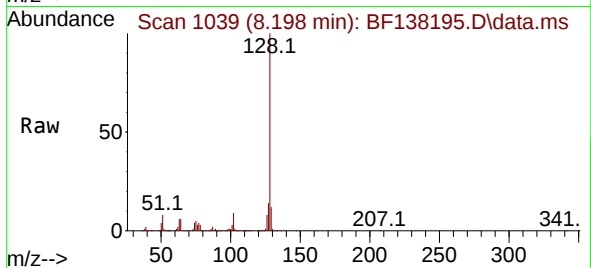
#31
Naphthalene
Concen: 40.843 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

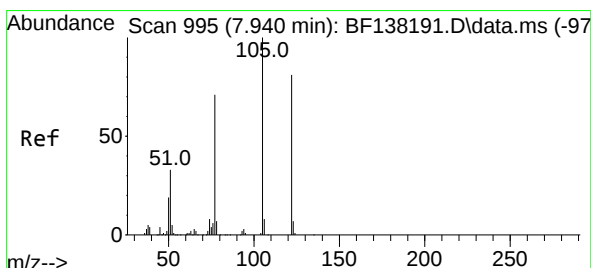
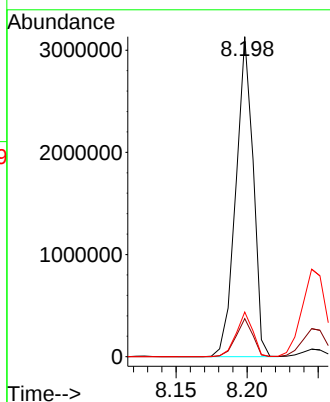
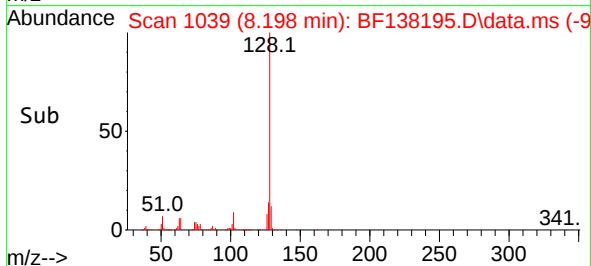


Tgt Ion:128 Resp: 265556
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 13.9 11.0 16.6

Manual Integrations

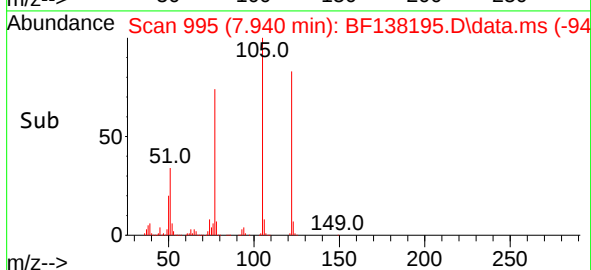
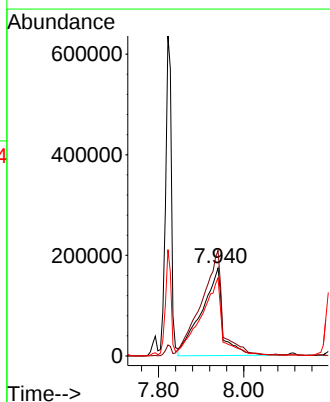
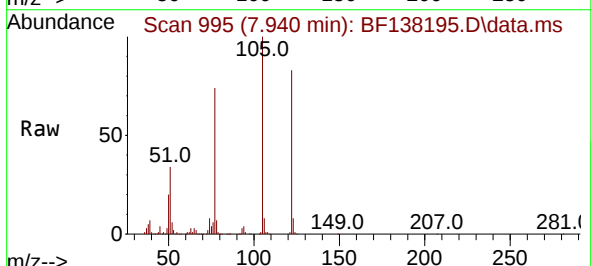
APPROVED

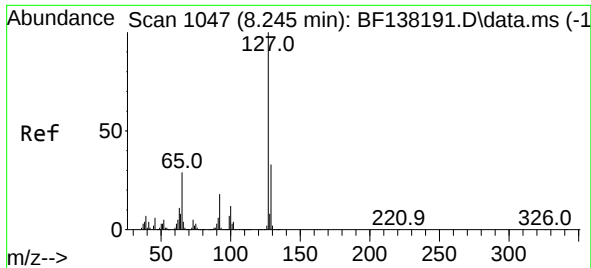
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#32
Benzoic acid
Concen: 47.874 ng
RT: 7.940 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Tgt Ion:122 Resp: 602577
Ion Ratio Lower Upper
122 100
105 119.9 100.1 140.1
77 88.8 66.5 106.5





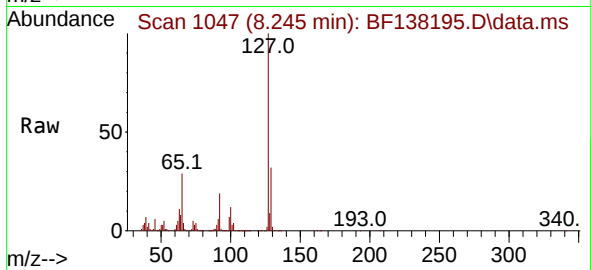
#33
4-Chloroaniline
Concen: 41.267 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

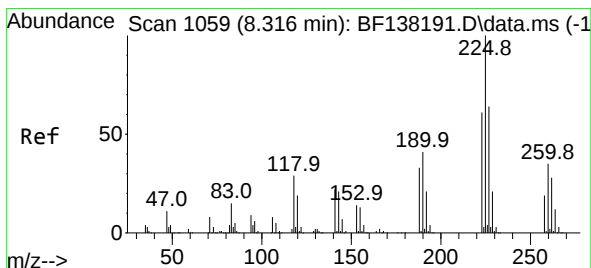
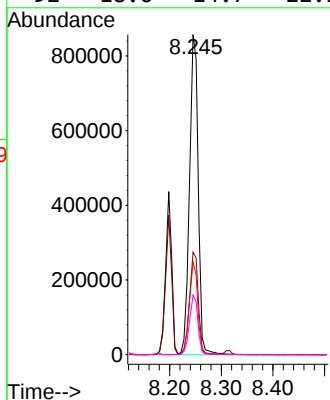
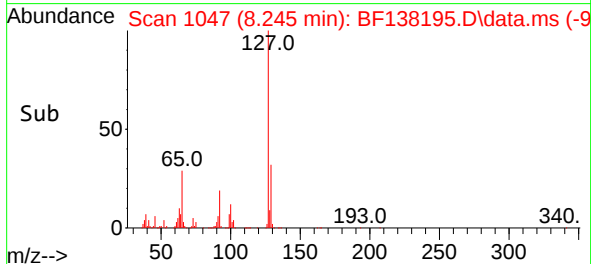


Tgt Ion:127 Resp: 100282
Ion Ratio Lower Upper
127 100
129 32.0 26.1 39.1
65 28.9 23.6 35.4
92 18.6 14.7 22.1

Manual Integrations

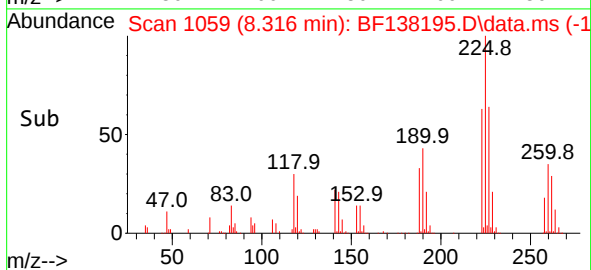
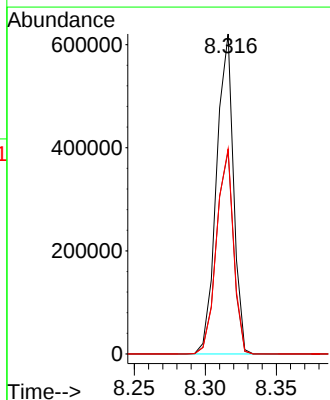
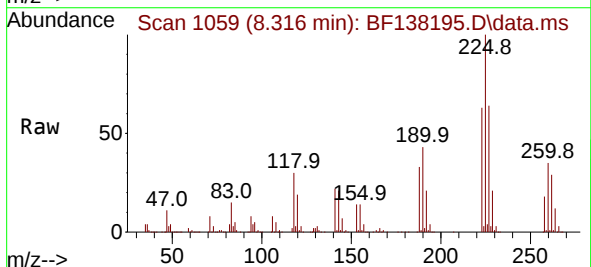
APPROVED

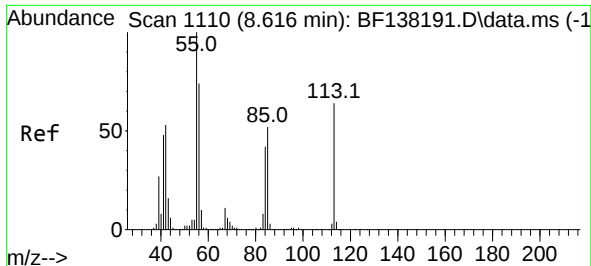
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#34
Hexachlorobutadiene
Concen: 40.510 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

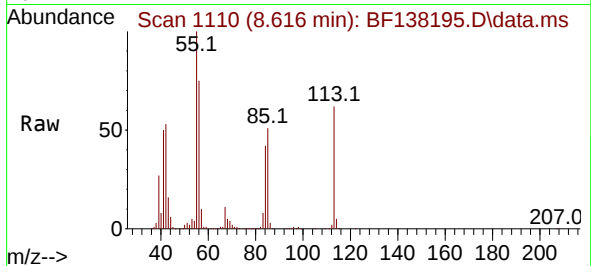
Tgt Ion:225 Resp: 513732
Ion Ratio Lower Upper
225 100
223 63.4 49.0 73.6
227 64.1 51.2 76.8





#35
Caprolactam
Concen: 44.475 ng
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

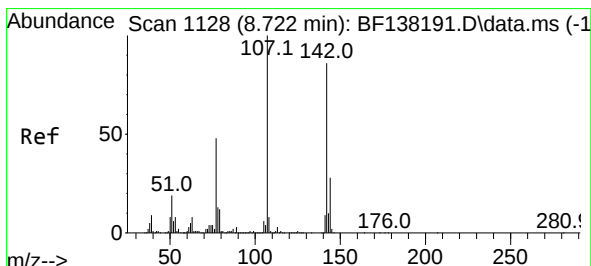
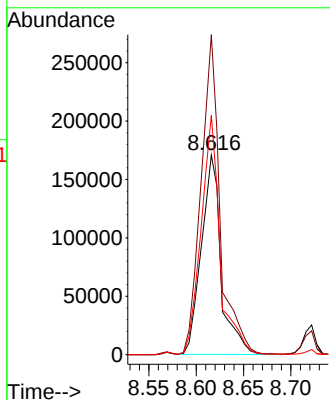
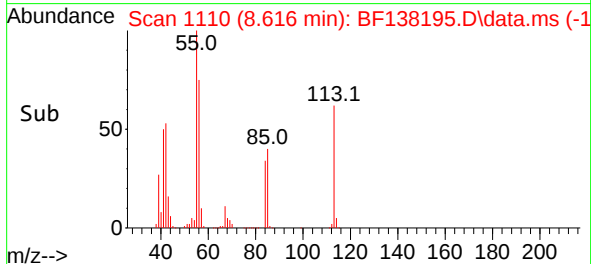
Instrument :
BNA_F
ClientSampleId :
ICVBF061224



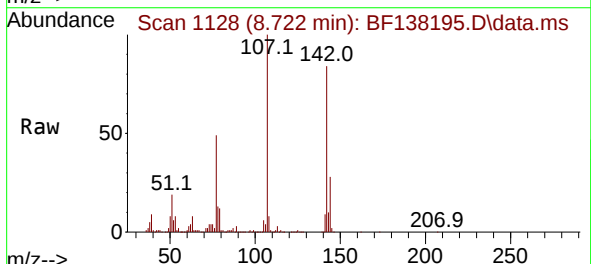
Tgt Ion:113 Resp: 24687
Ion Ratio Lower Upper
113 100
55 160.3 135.4 175.4
56 119.8 95.5 135.5

Manual Integrations
APPROVED

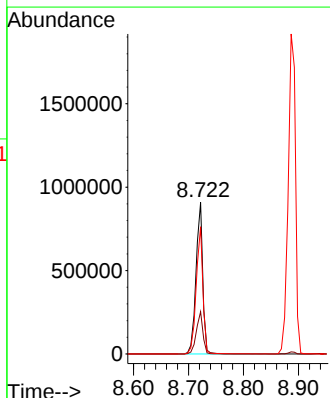
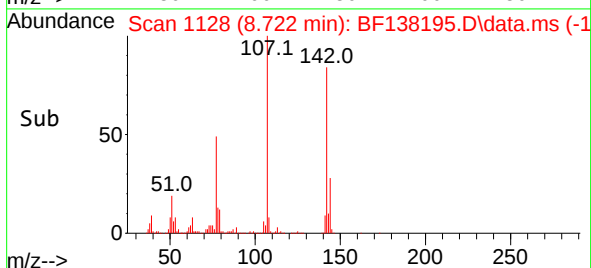
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

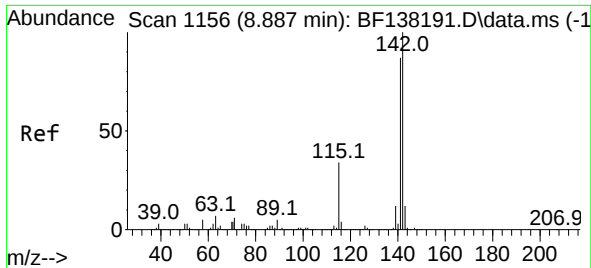


#36
4-Chloro-3-methylphenol
Concen: 42.357 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



Tgt Ion:107 Resp: 775406
Ion Ratio Lower Upper
107 100
144 27.9 22.6 34.0
142 84.0 69.0 103.4





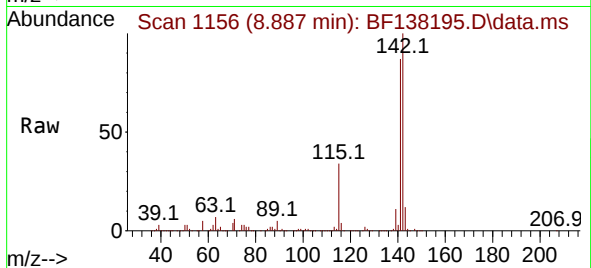
#37
2-Methylnaphthalene
Concen: 41.241 ng
RT: 8.887 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

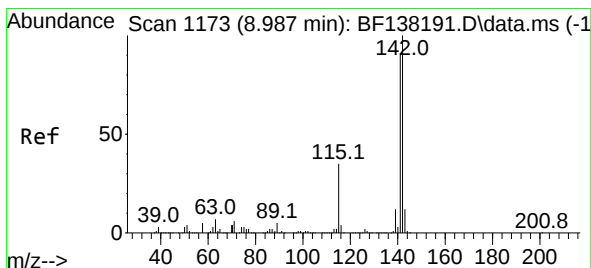
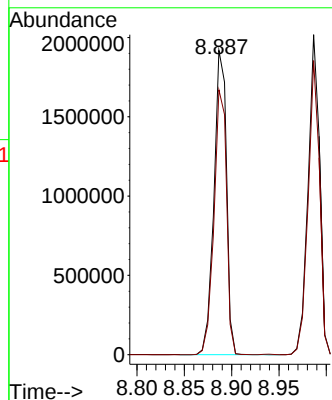
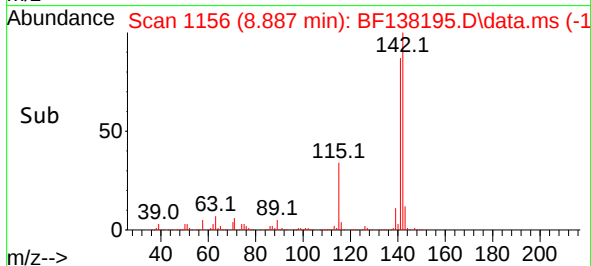


Tgt Ion:142 Resp: 1759819
Ion Ratio Lower Upper
142 100
141 87.1 69.9 104.9

Manual Integrations

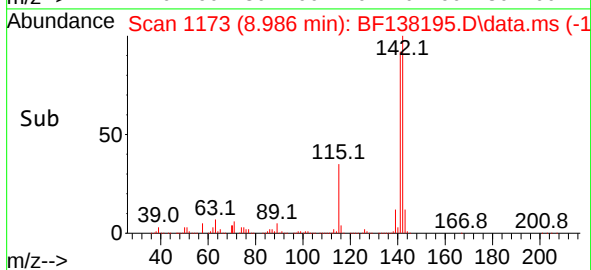
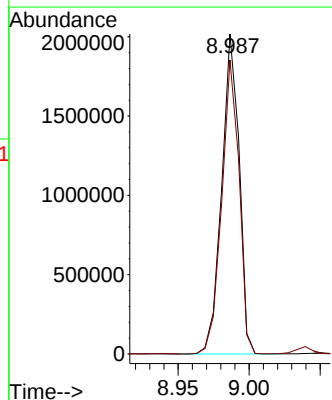
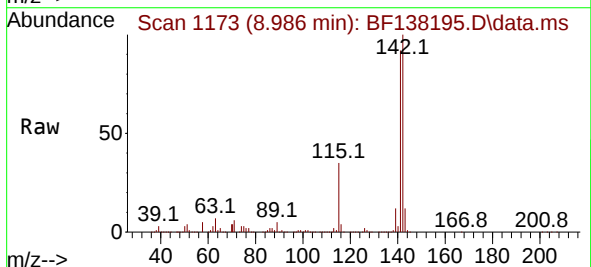
APPROVED

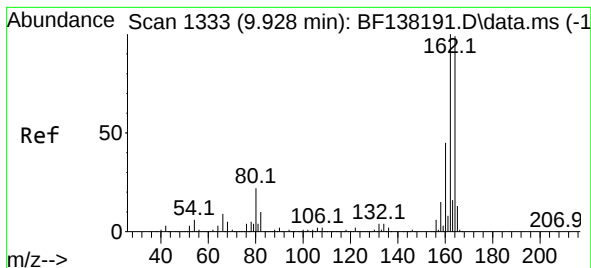
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#38
1-Methylnaphthalene
Concen: 41.098 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Tgt Ion:142 Resp: 1718541
Ion Ratio Lower Upper
142 100
141 91.9 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF138195.D

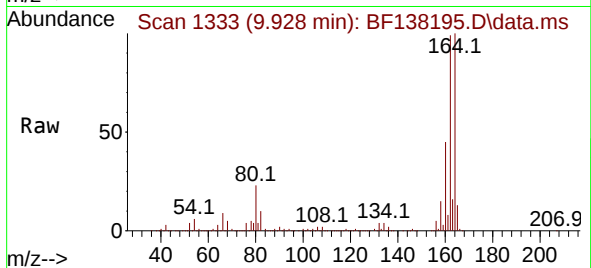
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224



Tgt Ion:164 Resp: 72085

Ion Ratio Lower Upper

164 100

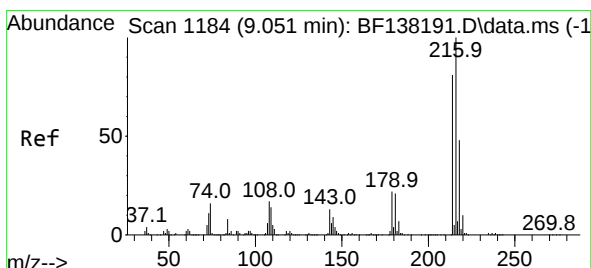
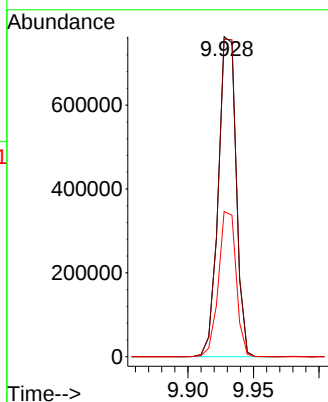
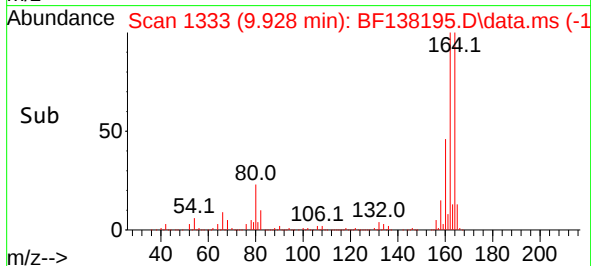
162 99.2 80.6 121.0

160 45.4 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.445 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

Tgt Ion:216 Resp: 851965

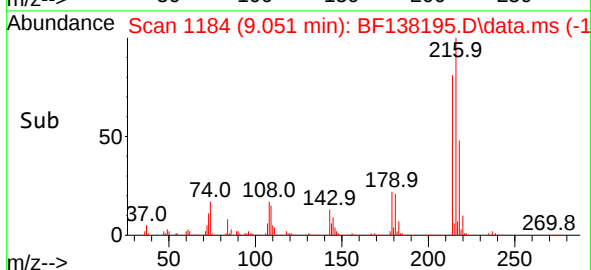
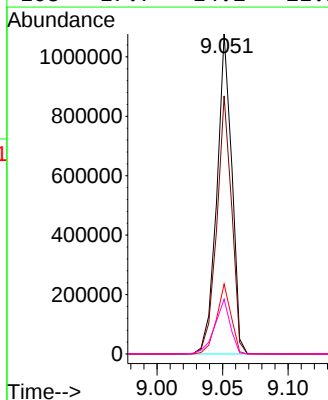
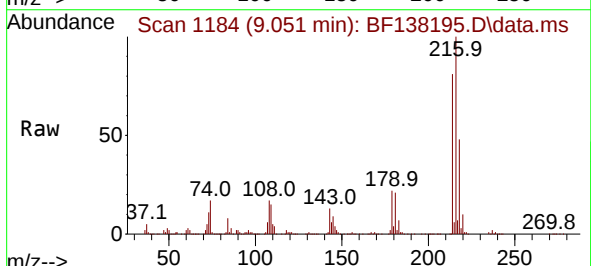
Ion Ratio Lower Upper

216 100

214 79.8 63.7 95.5

179 21.2 16.9 25.3

108 17.7 14.2 21.2





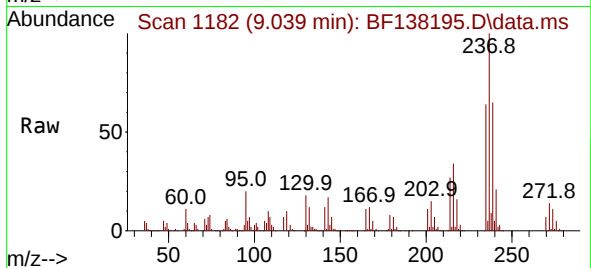
#41
Hexachlorocyclopentadiene
Concen: 43.264 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

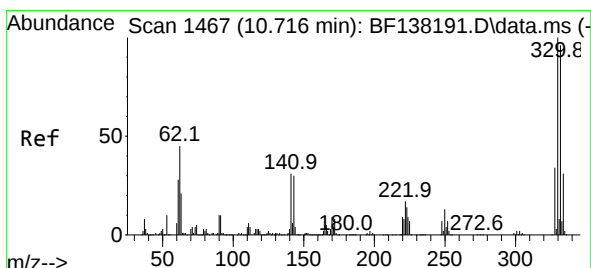
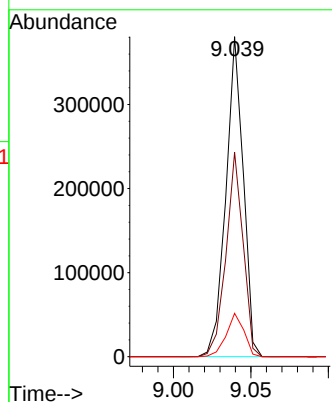
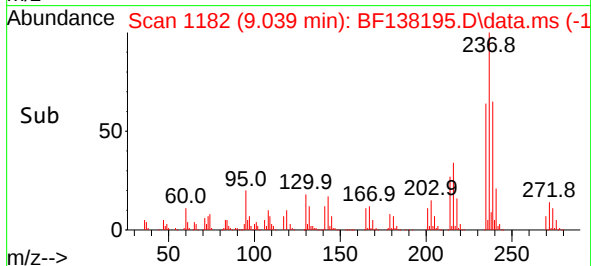


Tgt Ion:237 Resp: 297160
Ion Ratio Lower Upper
237 100
235 63.9 43.3 83.3
272 13.6 0.0 34.0

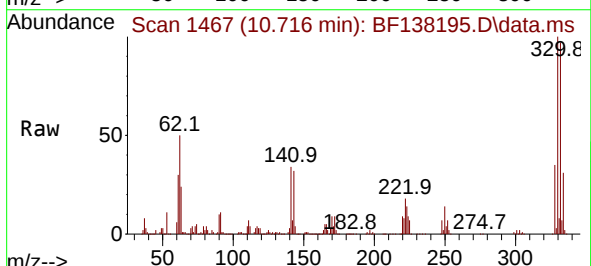
Manual Integrations

APPROVED

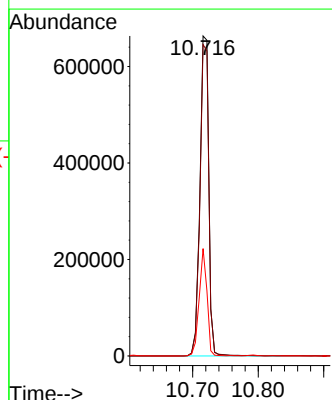
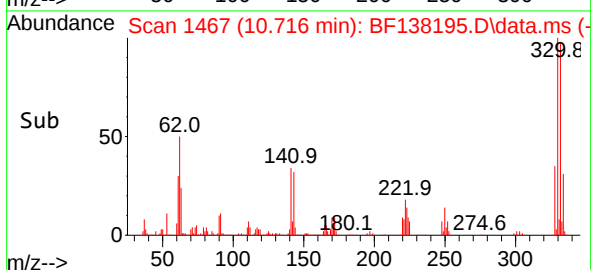
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

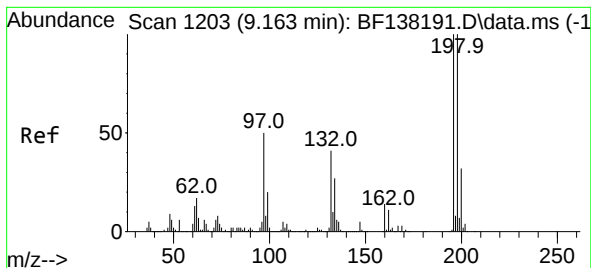


#42
2,4,6-Tribromophenol
Concen: 86.946 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



Tgt Ion:330 Resp: 623942
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 29.8 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 42.558 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

Tgt Ion:196 Resp: 56132

Ion Ratio Lower Upper

196 100

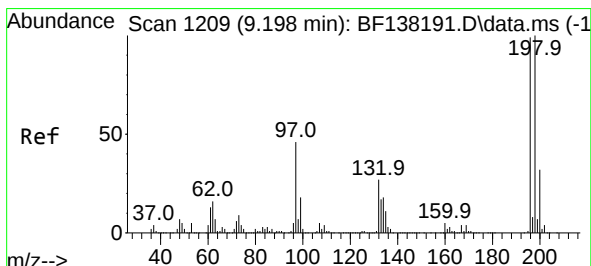
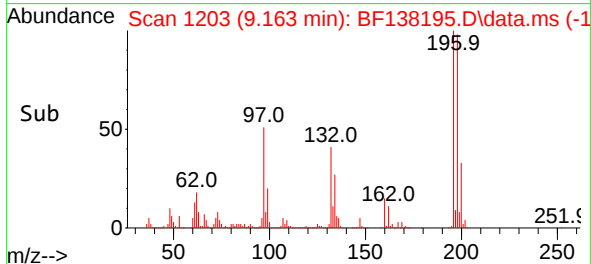
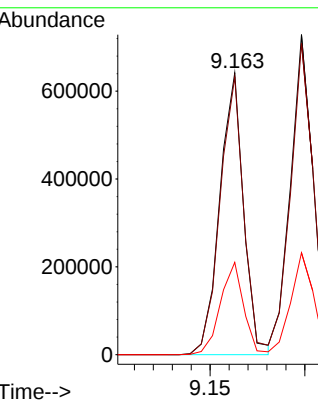
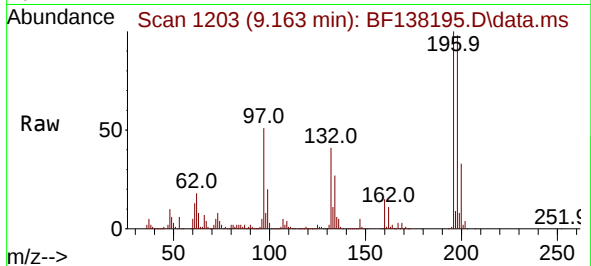
198 98.5 79.8 119.6

200 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#44

2,4,5-Trichlorophenol

Concen: 41.788 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

Tgt Ion:196 Resp: 605275

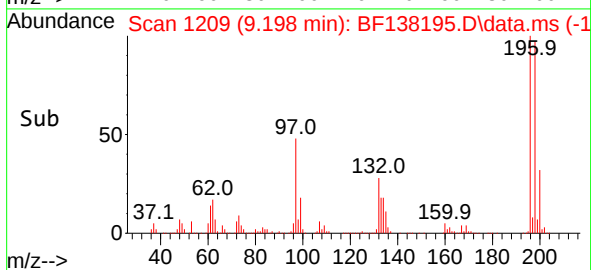
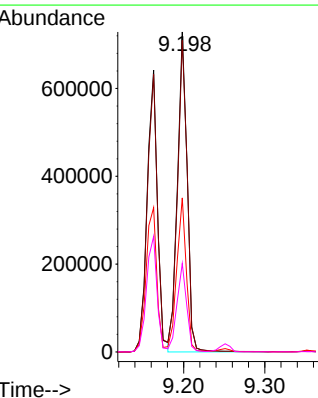
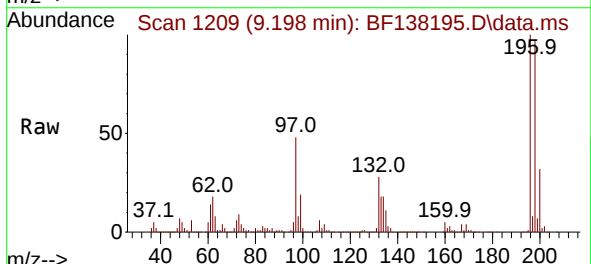
Ion Ratio Lower Upper

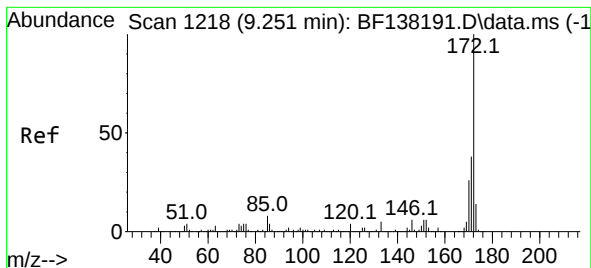
196 100

198 97.3 80.4 120.6

97 48.2 37.4 56.2

132 27.7 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 78.641 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

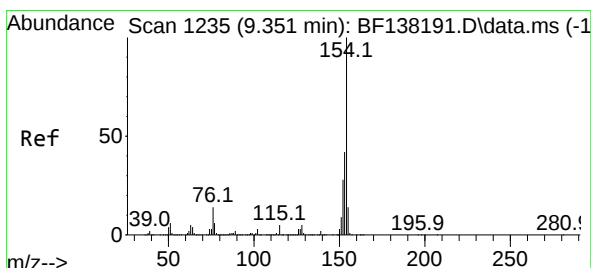
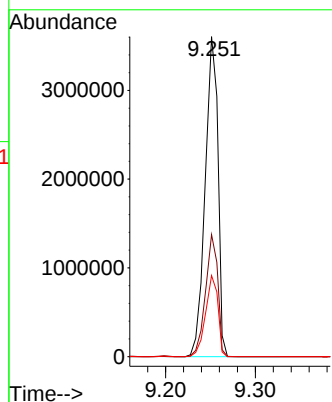
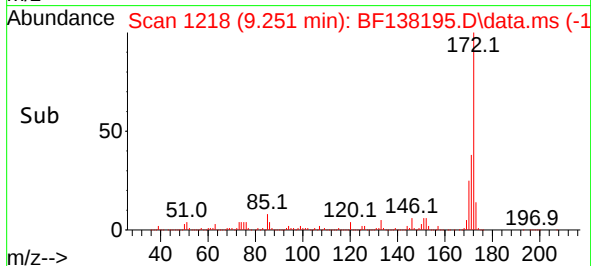
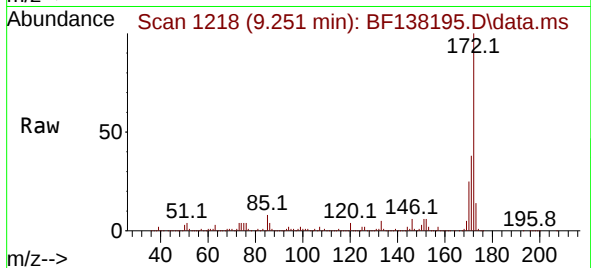
ICVBF061224

Tgt Ion:172 Resp: 356498
Ion Ratio Lower Upper
172 100
171 38.1 30.3 45.5
170 25.4 20.6 30.8

Manual Integrations

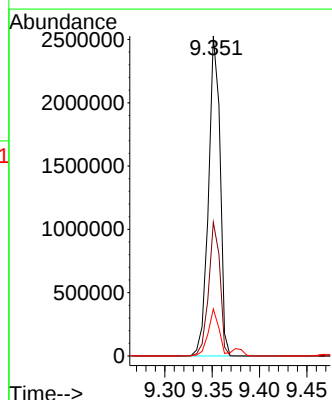
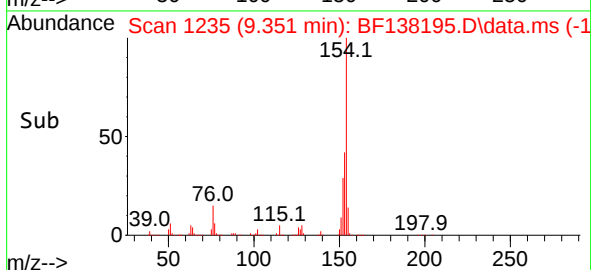
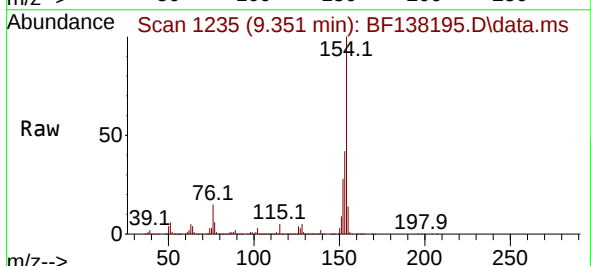
APPROVED

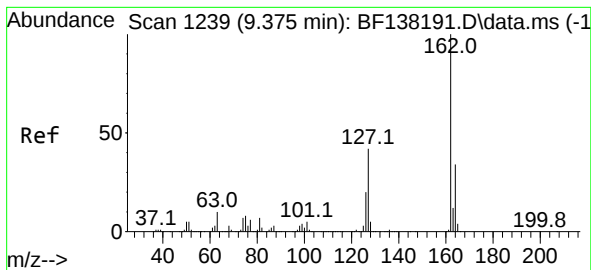
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#46
1,1'-Biphenyl
Concen: 40.357 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Tgt Ion:154 Resp: 2134664
Ion Ratio Lower Upper
154 100
153 41.8 22.1 62.1
76 14.7 0.0 34.3





#47

2-Chloronaphthalene

Concen: 40.180 ng

RT: 9.381 min Scan# 1240

Delta R.T. 0.006 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

Tgt Ion:162 Resp: 1679650

Ion Ratio Lower Upper

162 100

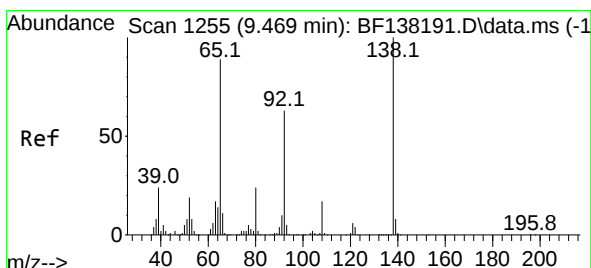
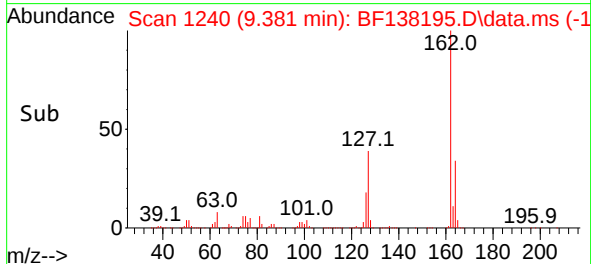
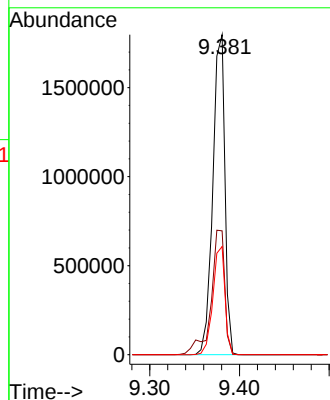
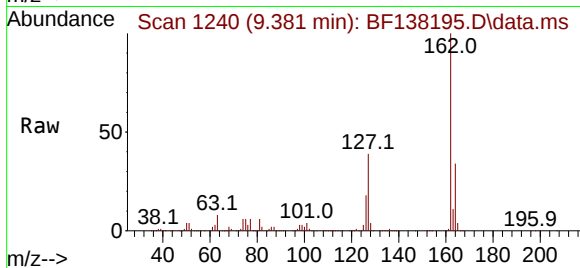
127 38.7 33.6 50.4

164 33.8 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#48

2-Nitroaniline

Concen: 46.016 ng

RT: 9.469 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

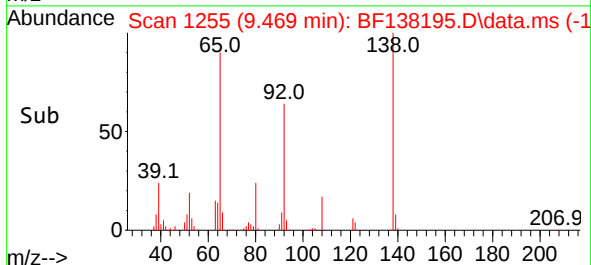
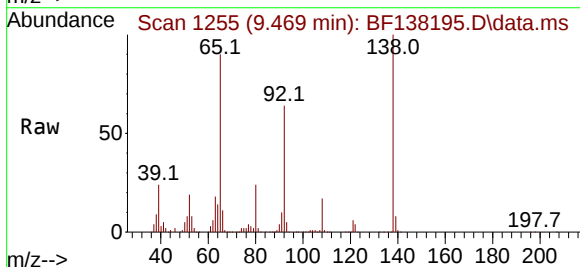
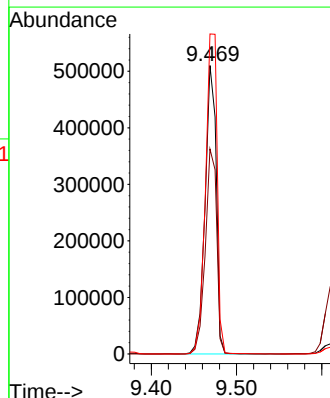
Tgt Ion: 65 Resp: 463261

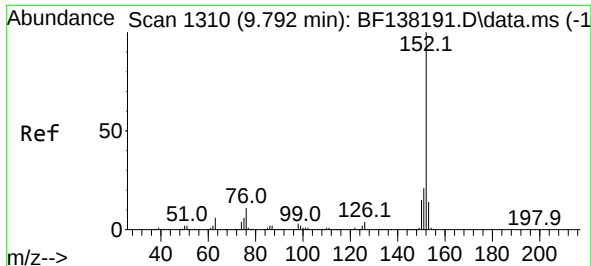
Ion Ratio Lower Upper

65 100

92 71.1 56.6 85.0

138 110.9 90.1 135.1





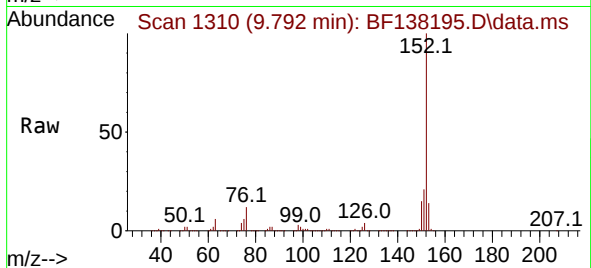
#49
Acenaphthylene
Concen: 40.835 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

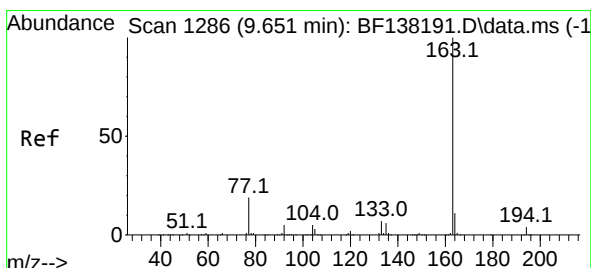
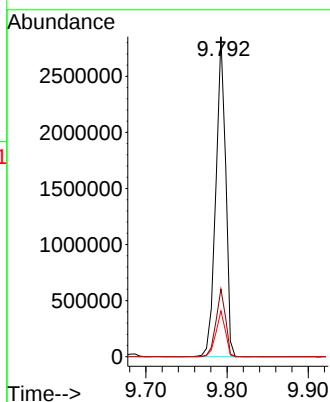
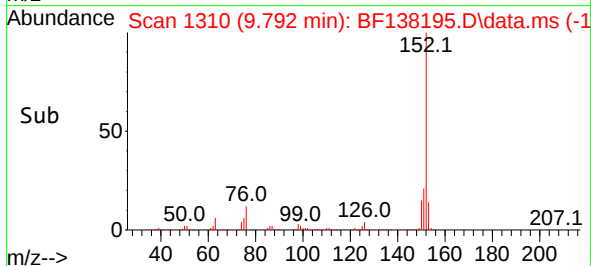


Tgt Ion:152 Resp: 239370
Ion Ratio Lower Upper
152 100
151 21.1 16.9 25.3
153 14.3 11.4 17.0

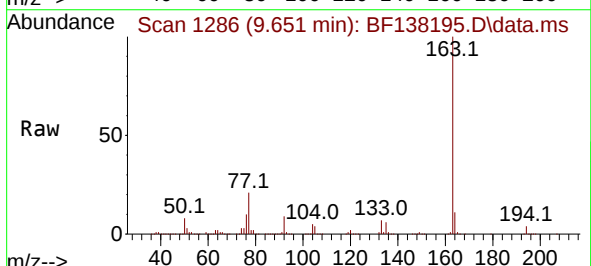
Manual Integrations

APPROVED

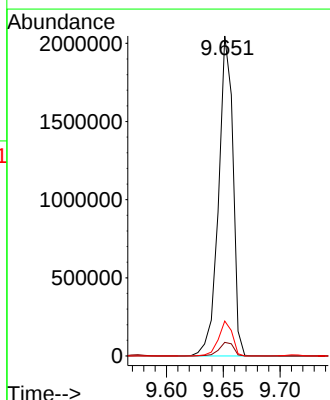
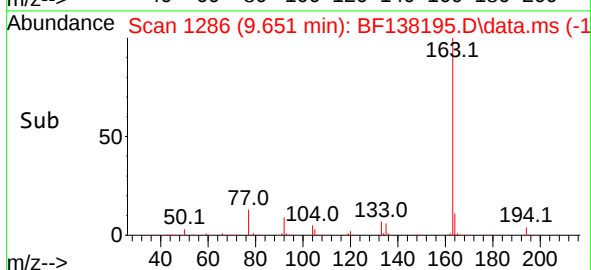
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

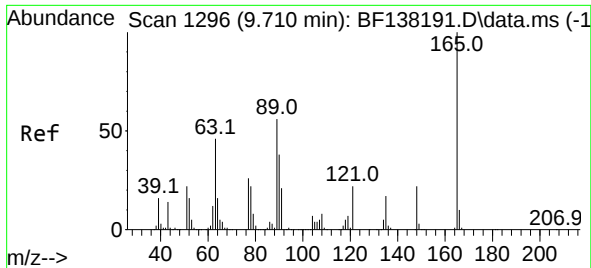


#50
Dimethylphthalate
Concen: 41.044 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



Tgt Ion:163 Resp: 1812778
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.9 8.5 12.7





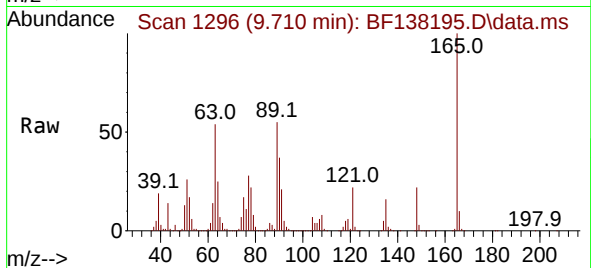
#51
2,6-Dinitrotoluene
Concen: 45.509 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

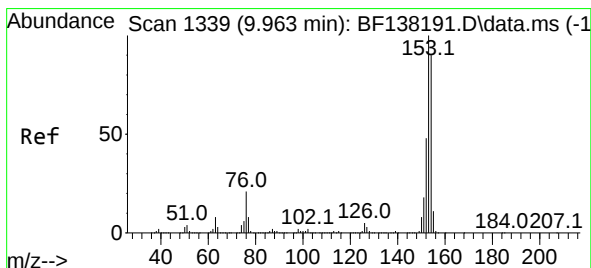
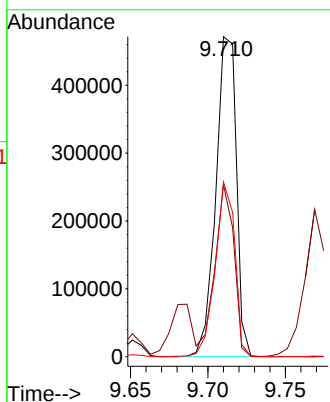
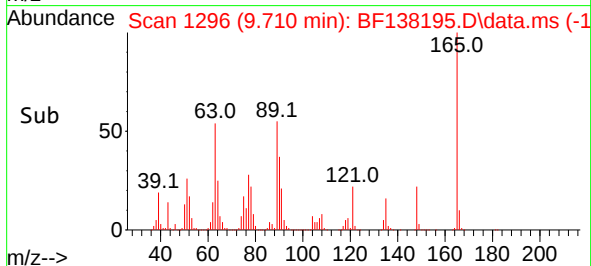


Tgt Ion:165 Resp: 436050
Ion Ratio Lower Upper
165 100
63 53.7 43.7 65.5
89 54.6 44.9 67.3

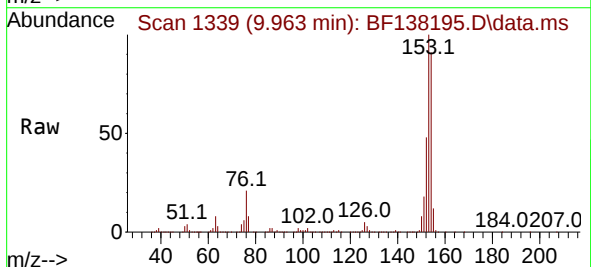
Manual Integrations

APPROVED

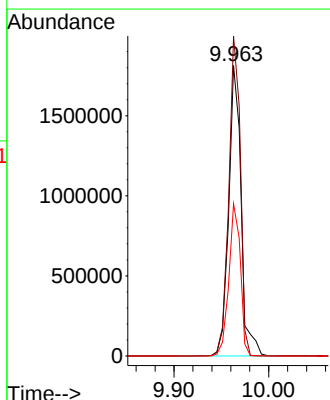
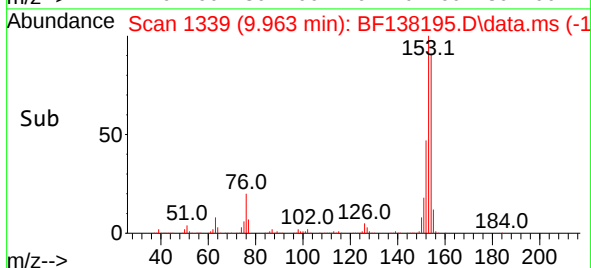
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

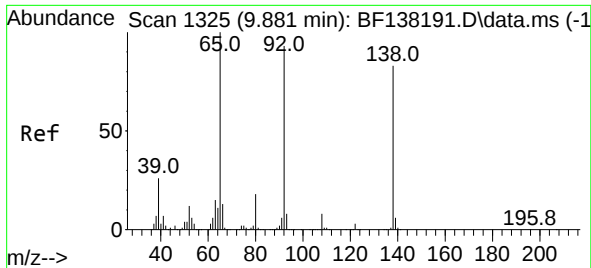


#52
Acenaphthene
Concen: 41.160 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



Tgt Ion:154 Resp: 1645264
Ion Ratio Lower Upper
154 100
153 110.2 89.1 133.7
152 52.4 42.4 63.6





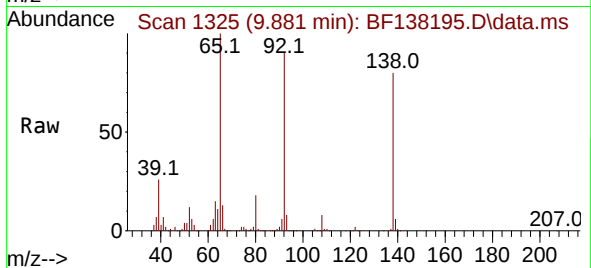
#53
3-Nitroaniline
Concen: 44.609 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

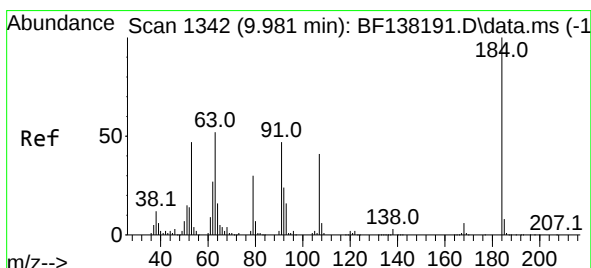
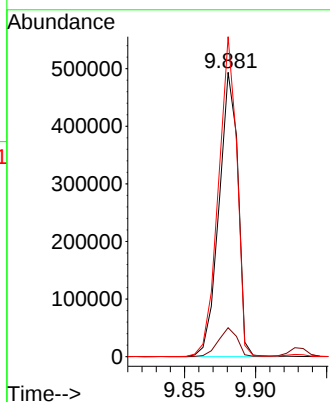
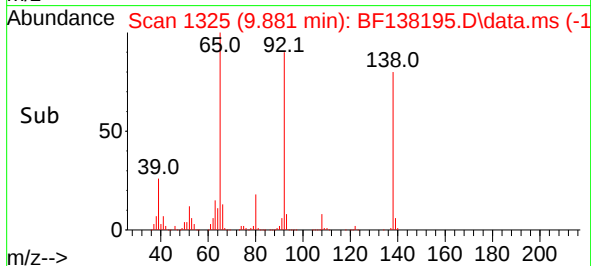


Tgt Ion:138 Resp: 456615
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 112.6 90.0 135.0

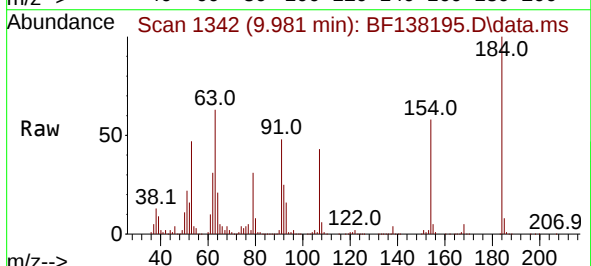
Manual Integrations

APPROVED

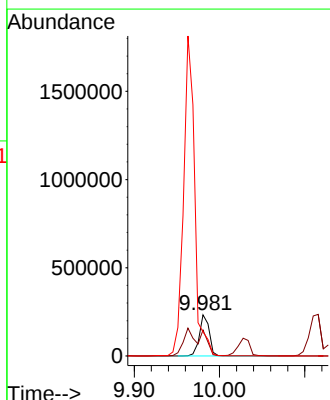
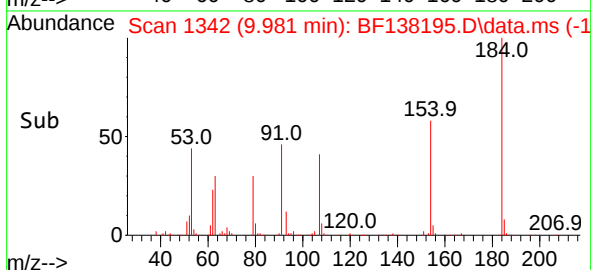
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

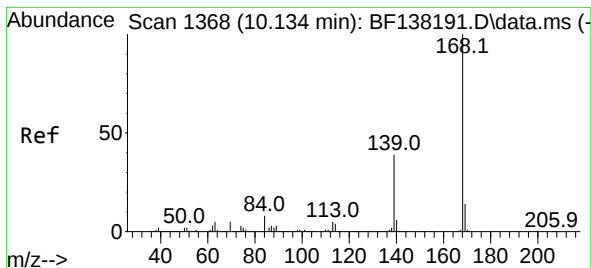


#54
2,4-Dinitrophenol
Concen: 46.941 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



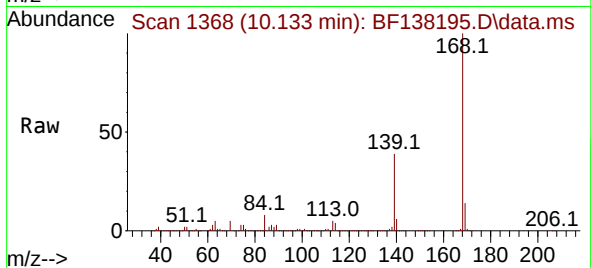
Tgt Ion:184 Resp: 189224
Ion Ratio Lower Upper
184 100
63 63.0 49.2 73.8
154 58.3 46.7 70.1





#55
Dibenzenofuran
Concen: 40.369 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

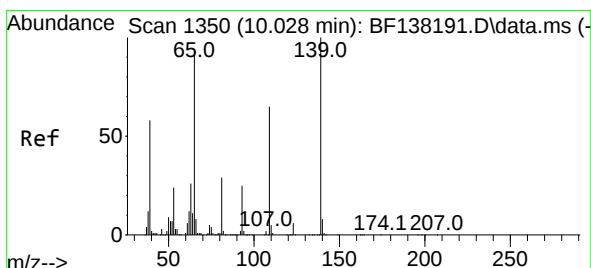
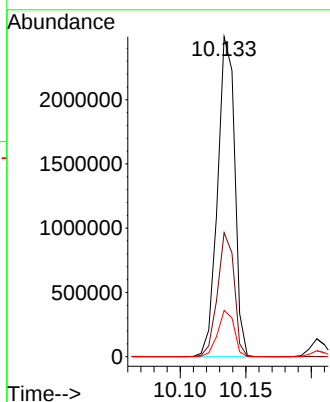
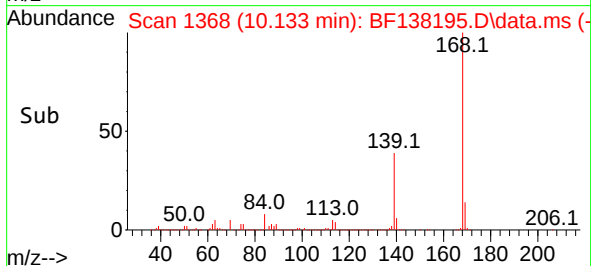
Instrument :
BNA_F
ClientSampleId :
ICVBF061224



Tgt Ion:168 Resp: 2255760
Ion Ratio Lower Upper
168 100
139 38.7 31.0 46.4
169 14.4 11.4 17.0

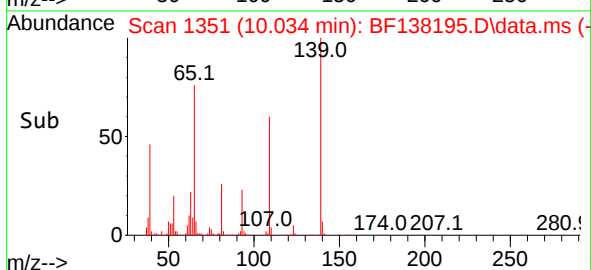
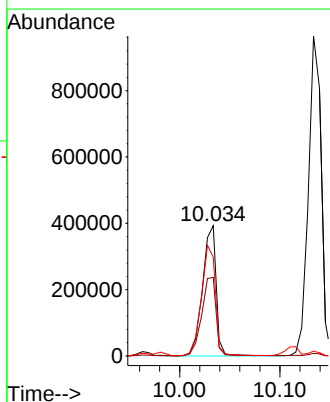
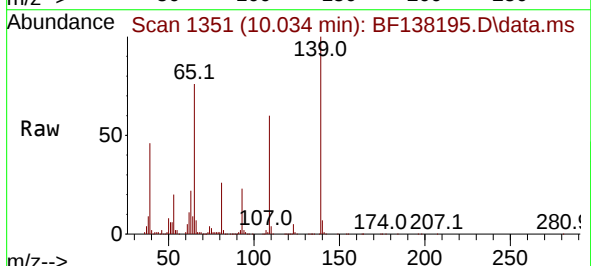
Manual Integrations
APPROVED

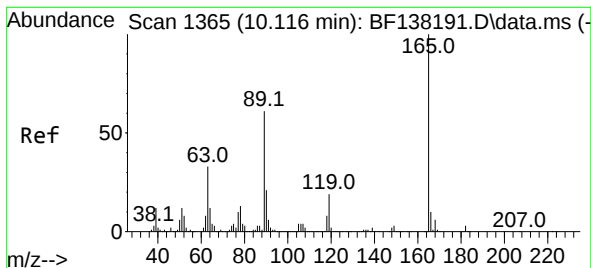
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#56
4-Nitrophenol
Concen: 46.263 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Tgt Ion:139 Resp: 374218
Ion Ratio Lower Upper
139 100
109 60.3 44.6 84.6
65 76.0 73.1 113.1





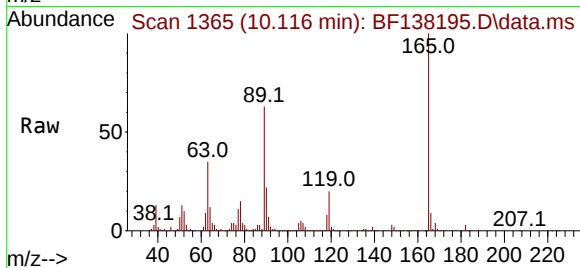
#57
2,4-Dinitrotoluene
Concen: 46.786 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

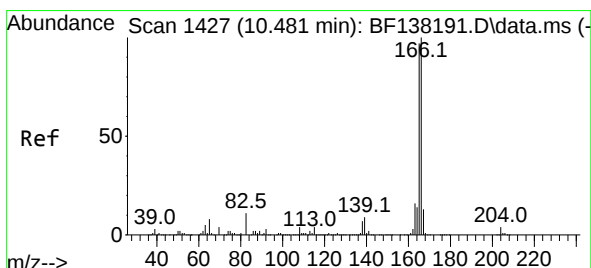
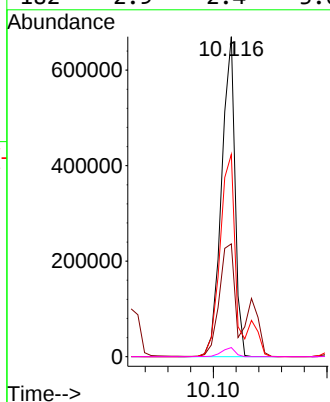
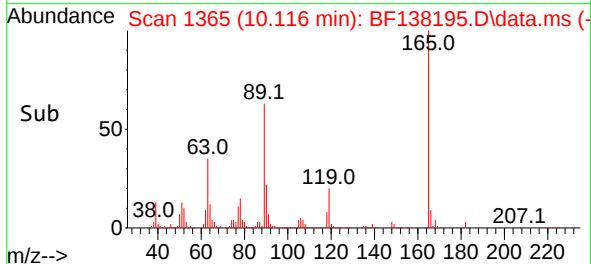


Tgt Ion:165 Resp: 552918
Ion Ratio Lower Upper
165 100
63 35.2 26.6 39.8
89 63.2 48.7 73.1
182 2.9 2.4 3.6

Manual Integrations

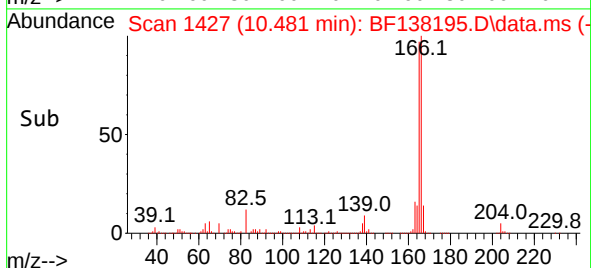
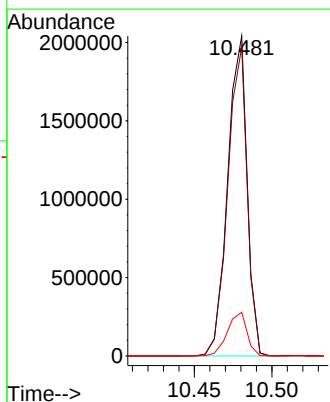
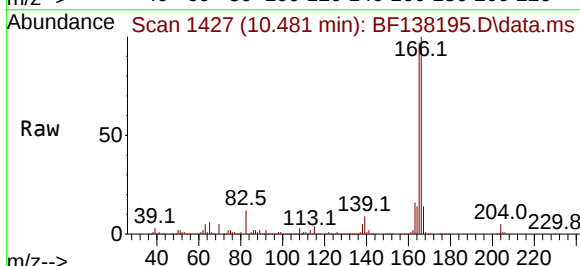
APPROVED

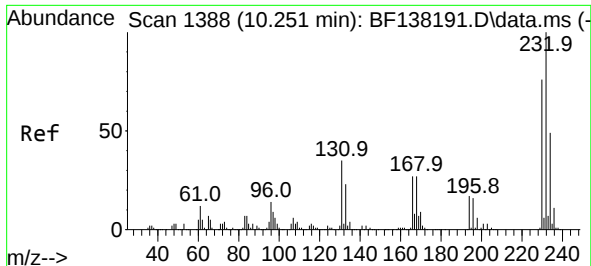
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#58
Fluorene
Concen: 40.548 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

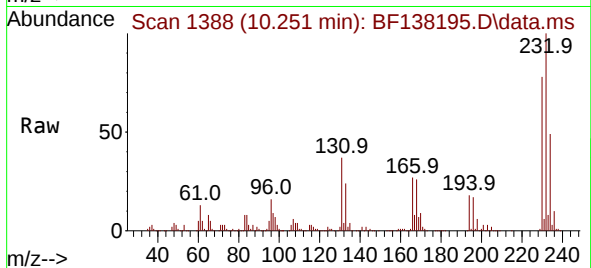
Tgt Ion:166 Resp: 1781439
Ion Ratio Lower Upper
166 100
165 96.6 77.9 116.9
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.458 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

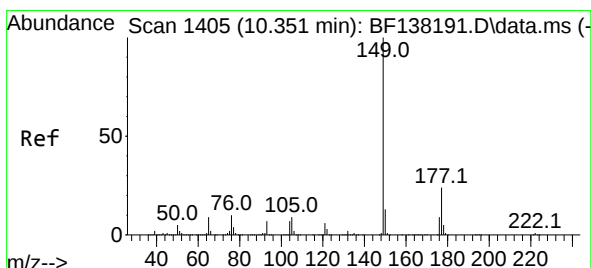
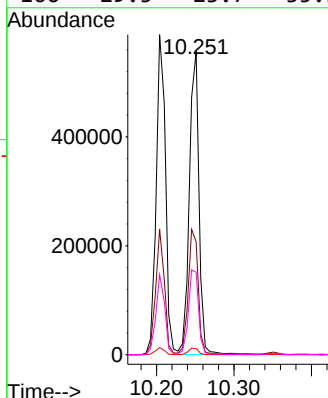
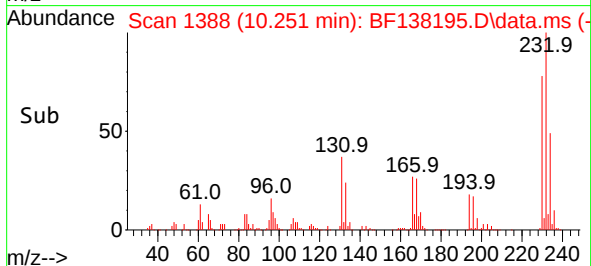
Instrument :
BNA_F
ClientSampleId :
ICVBF061224



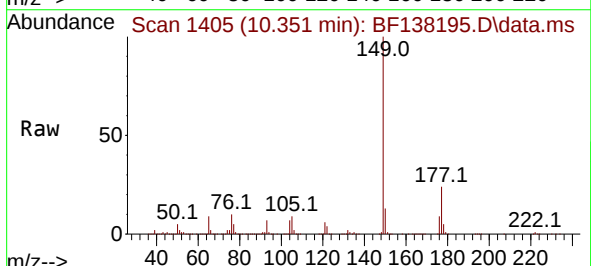
Tgt Ion:232 Resp: 480628
Ion Ratio Lower Upper
232 100
131 42.6 33.6 50.4
130 2.2 1.7 2.5
166 29.5 23.7 35.5

Manual Integrations
APPROVED

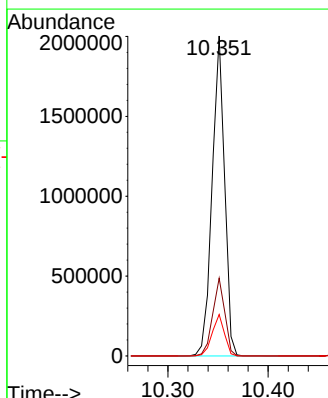
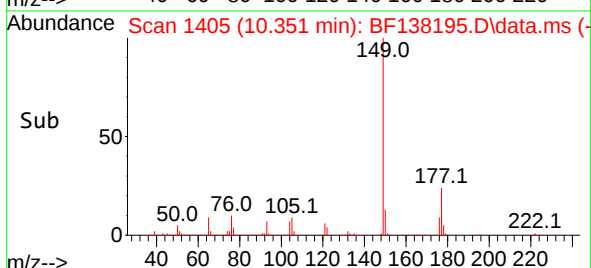
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

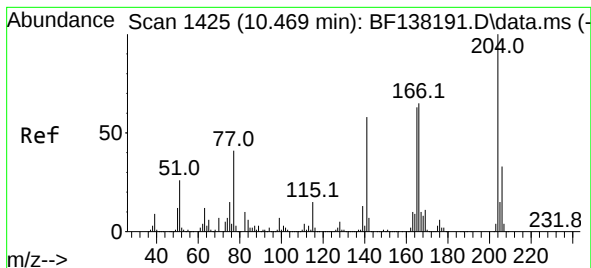


#60
Diethylphthalate
Concen: 41.196 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



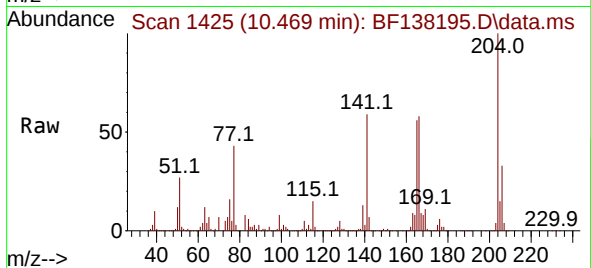
Tgt Ion:149 Resp: 1726862
Ion Ratio Lower Upper
149 100
177 24.3 19.4 29.0
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.492 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

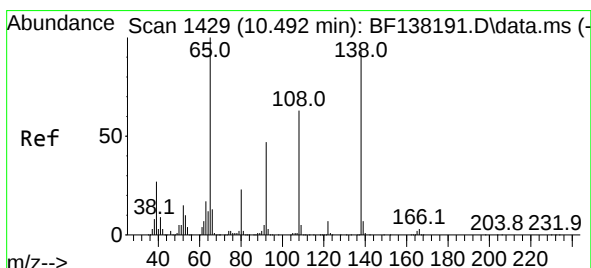
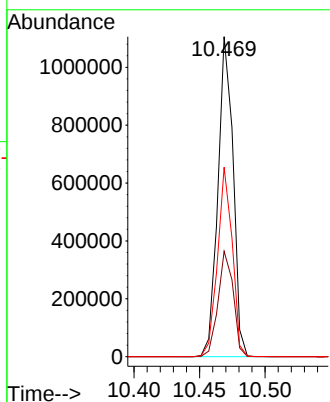
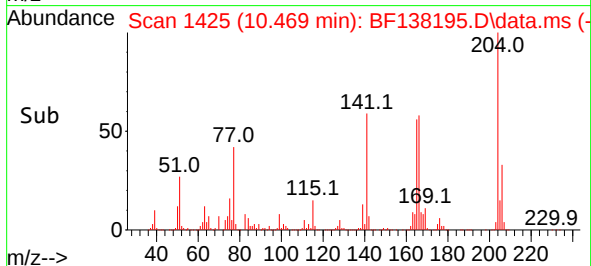
Instrument :
BNA_F
ClientSampleId :
ICVBF061224



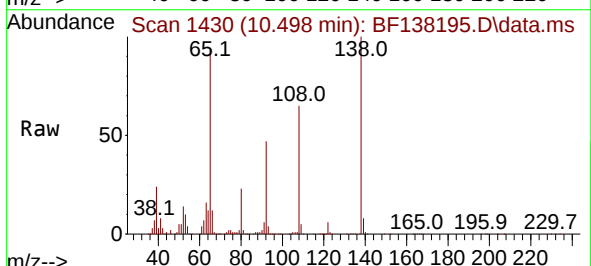
Tgt Ion:204 Resp: 886000
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 59.2 46.3 69.5

Manual Integrations
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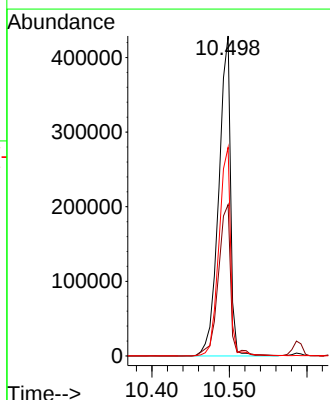
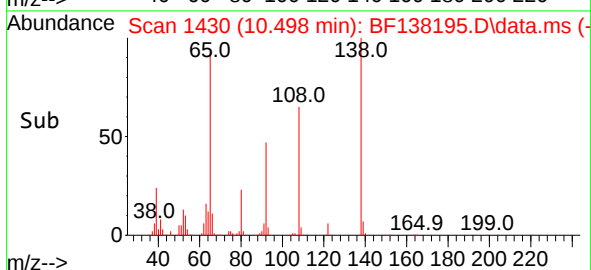
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

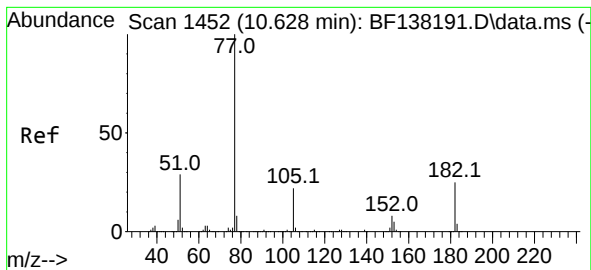


#62
4-Nitroaniline
Concen: 44.538 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



Tgt Ion:138 Resp: 455502
Ion Ratio Lower Upper
138 100
92 47.3 30.9 70.9
108 65.2 47.8 87.8





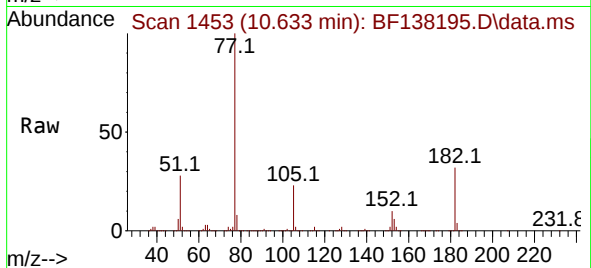
#63
Azobenzene
Concen: 40.994 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.005 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

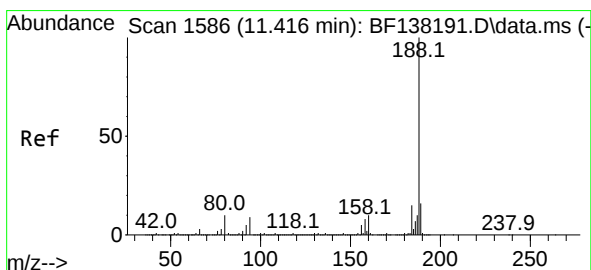
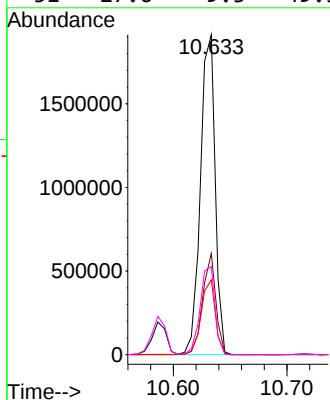
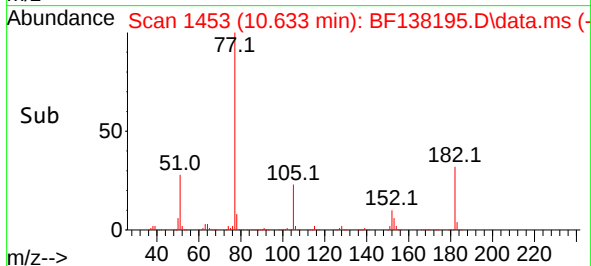


Tgt Ion: 77 Resp: 172159
Ion Ratio Lower Upper
77 100
182 31.6 5.5 45.5
105 23.4 1.8 41.8
51 27.6 9.3 49.3

Manual Integrations

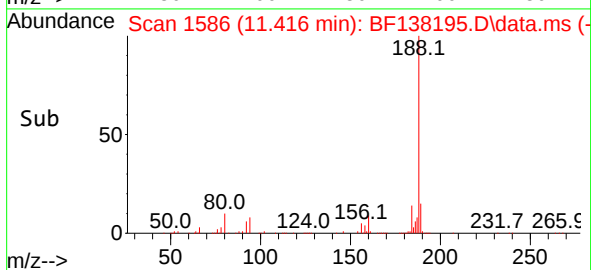
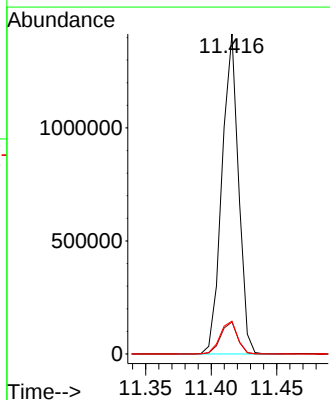
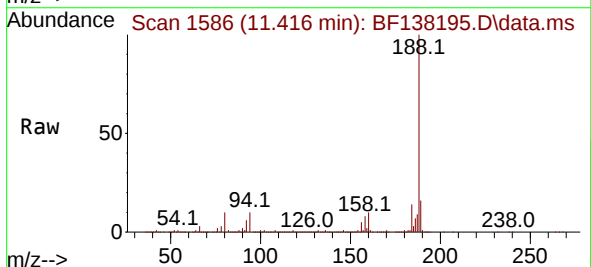
APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Tgt Ion:188 Resp: 1242199
Ion Ratio Lower Upper
188 100
94 10.0 7.6 11.4
80 10.3 8.1 12.1





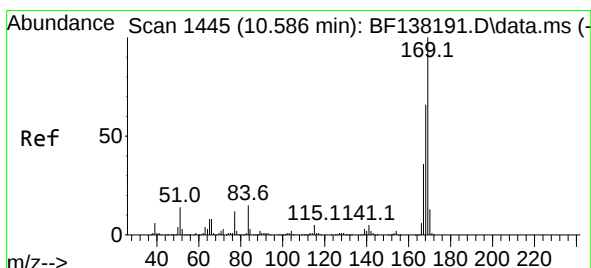
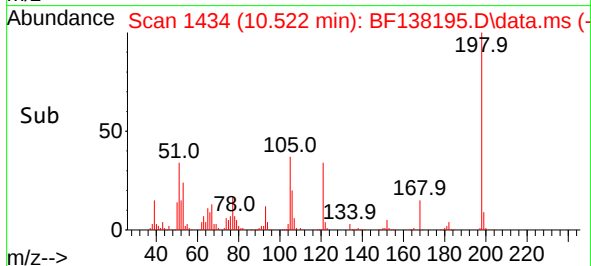
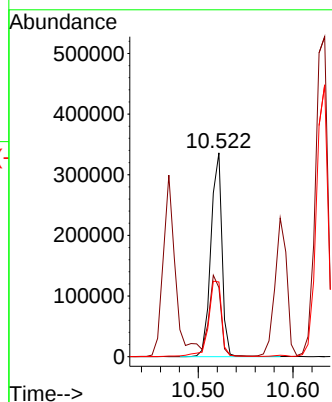
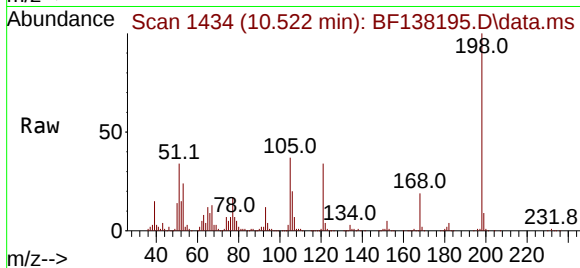
#65
4,6-Dinitro-2-methylphenol
Concen: 43.651 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :
BNA_F
ClientSampleId :
ICVBF061224

Tgt Ion:198 Resp: 27165
Ion Ratio Lower Upper
198 100
51 33.9 26.9 66.9
105 36.7 26.0 66.0

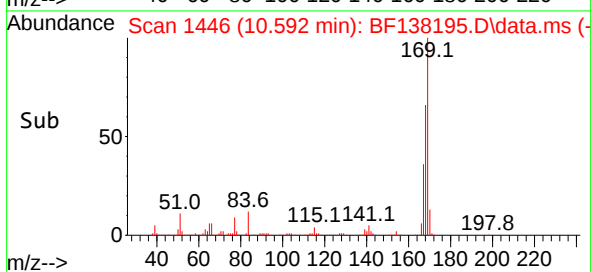
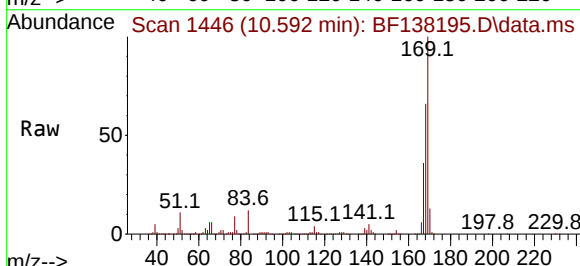
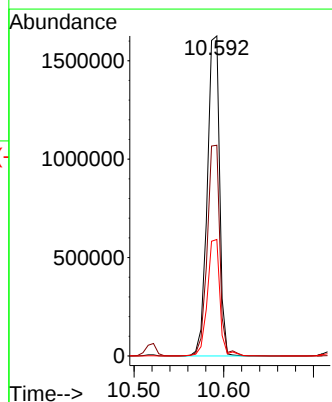
Manual Integrations
APPROVED

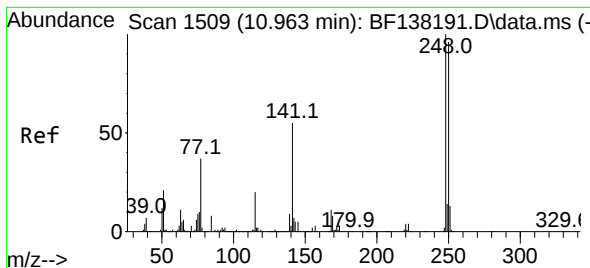
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#66
n-Nitrosodiphenylamine
Concen: 40.645 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Tgt Ion:169 Resp: 1545741
Ion Ratio Lower Upper
169 100
168 65.8 52.9 79.3
167 36.4 29.0 43.6





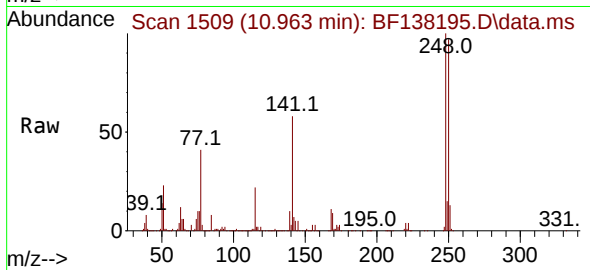
#67
4-Bromophenyl-phenylether
Concen: 41.295 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

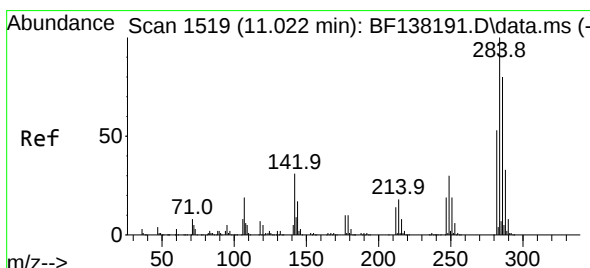
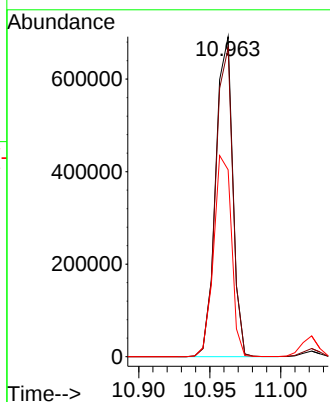
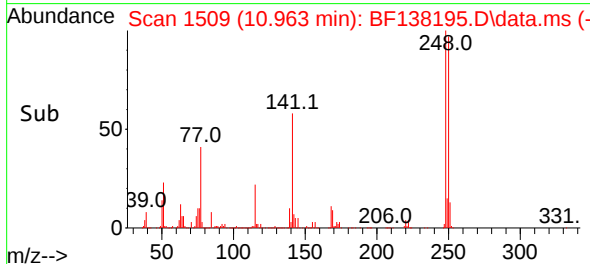


Tgt Ion:248 Resp: 57802
Ion Ratio Lower Upper
248 100
250 96.6 77.2 115.8
141 58.4 44.1 66.1

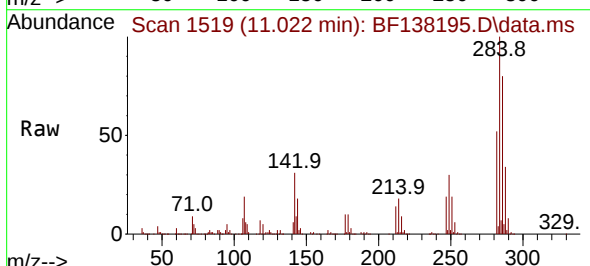
Manual Integrations

APPROVED

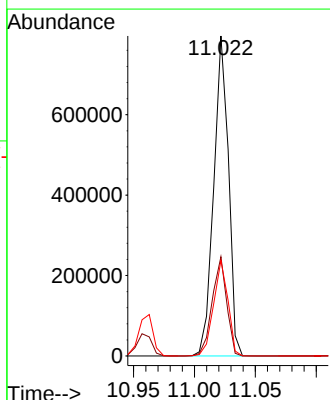
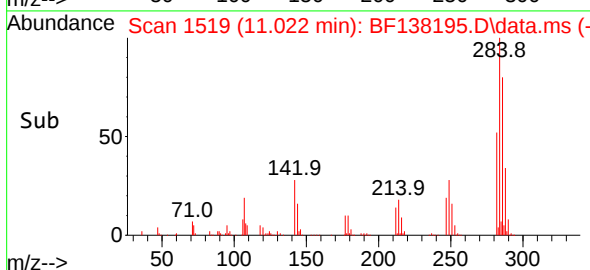
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

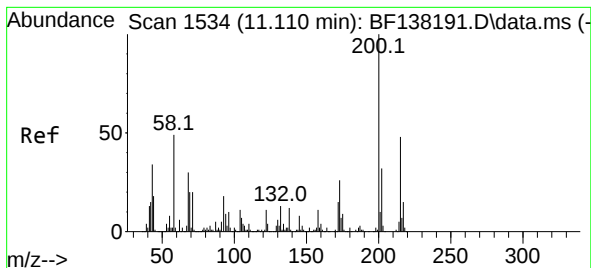


#68
Hexachlorobenzene
Concen: 40.842 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



Tgt Ion:284 Resp: 667153
Ion Ratio Lower Upper
284 100
142 31.0 24.8 37.2
249 29.9 23.8 35.6





#69

Atrazine

Concen: 40.932 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF138195.D

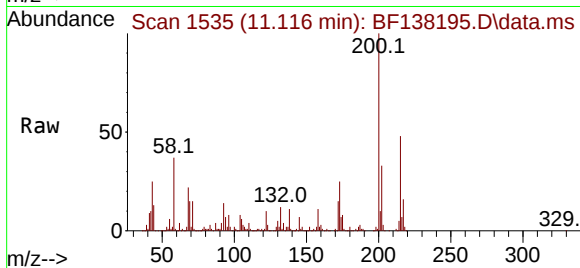
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

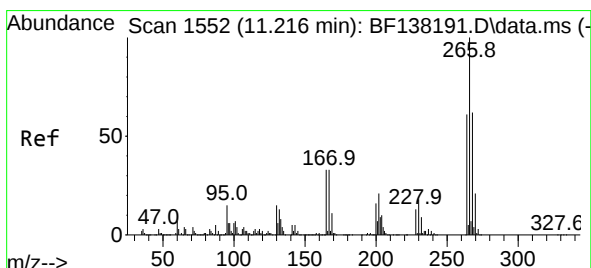
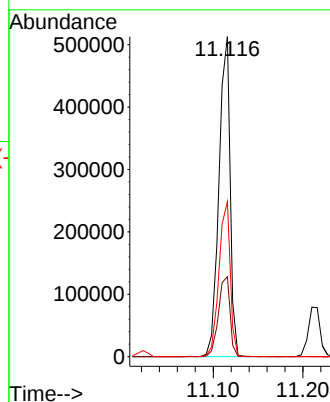
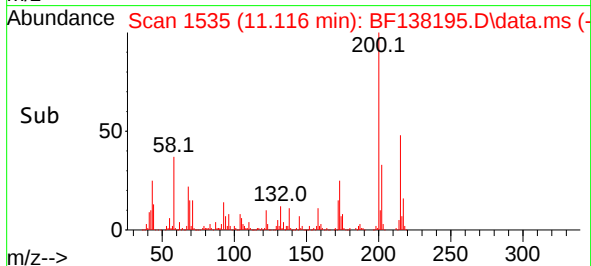


Tgt Ion:	200	Resp:	443380
Ion Ratio	Lower	Upper	
200	100		
173	25.0	6.3	46.3
215	48.5	28.0	68.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#70

Pentachlorophenol

Concen: 44.920 ng

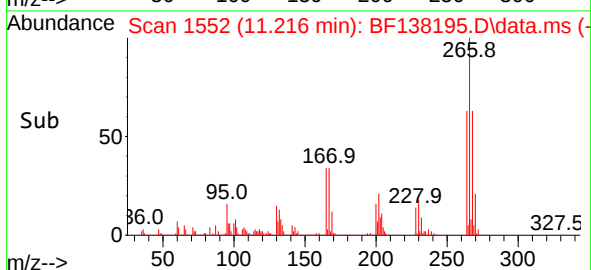
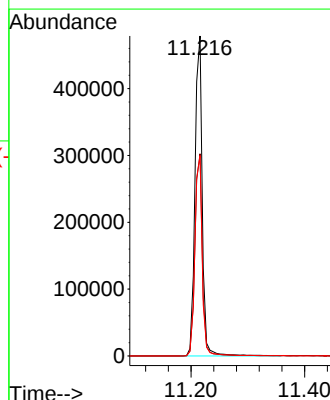
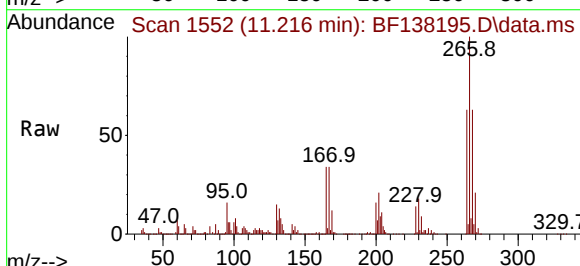
RT: 11.216 min Scan# 1552

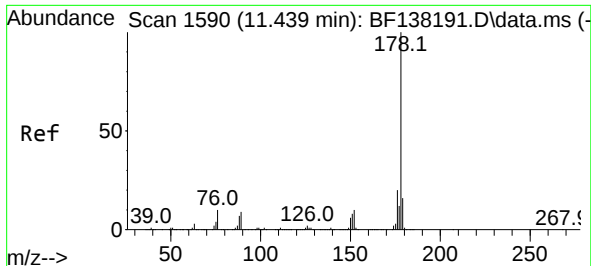
Delta R.T. -0.000 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

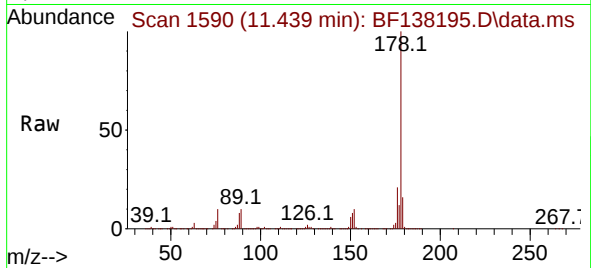
Tgt Ion:	266	Resp:	427935
Ion Ratio	Lower	Upper	
266	100		
268	63.2	49.5	74.3
264	62.6	49.2	73.8





#71
Phenanthrene
Concen: 40.644 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

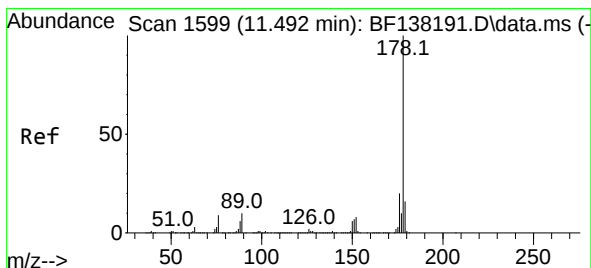
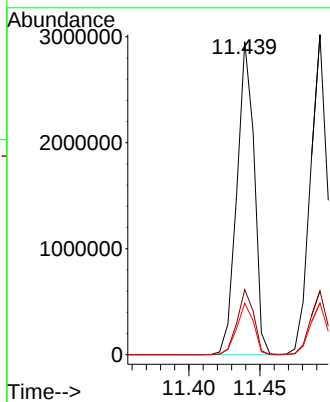
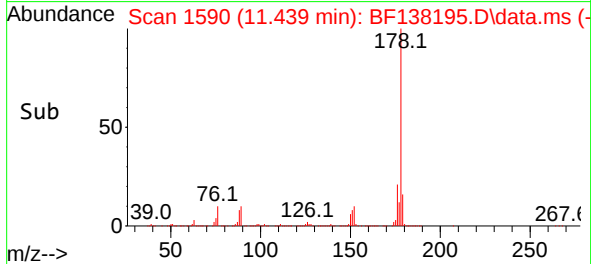
Instrument :
BNA_F
ClientSampleId :
ICVBF061224



Tgt Ion:178 Resp: 2496809
Ion Ratio Lower Upper
178 100
176 20.8 16.4 24.6
179 16.5 13.1 19.7

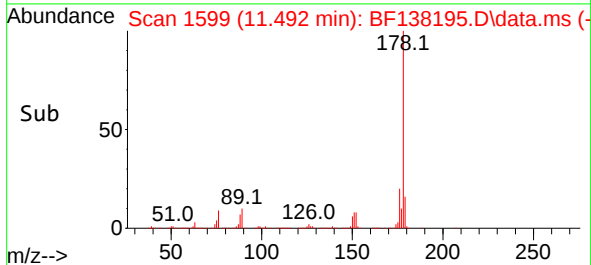
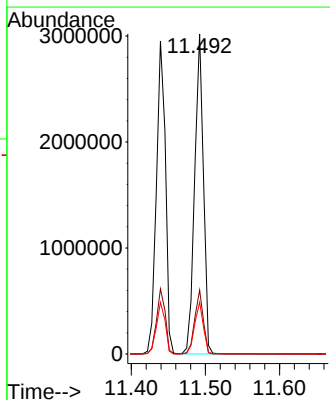
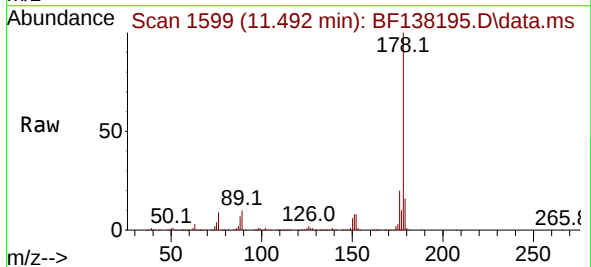
Manual Integrations
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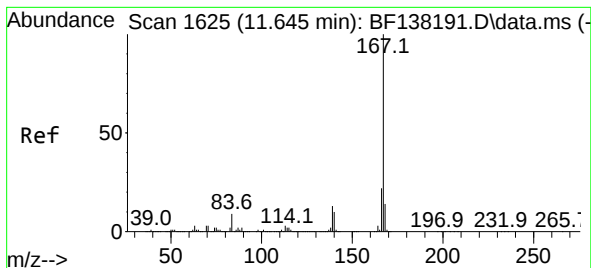
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#72
Anthracene
Concen: 40.616 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

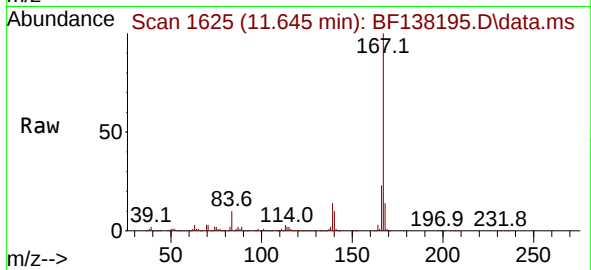
Tgt Ion:178 Resp: 2477241
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 16.2 13.0 19.6





#73
 Carbazole
 Concen: 41.193 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF138195.D
 Acq: 12 Jun 2024 15:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061224

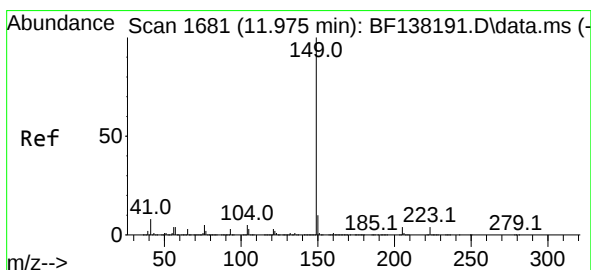
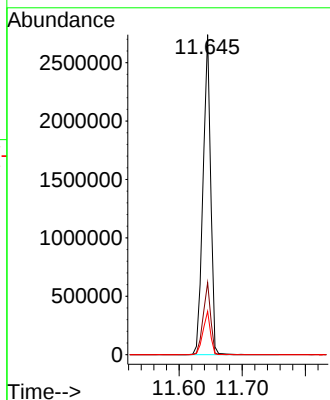
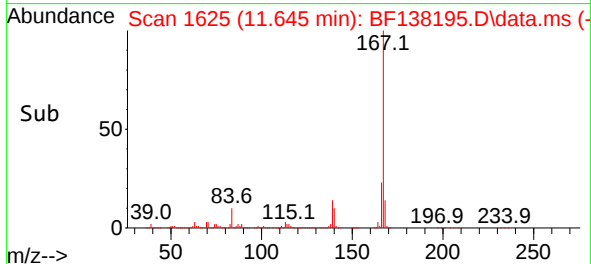


Tgt Ion:167 Resp: 2304408

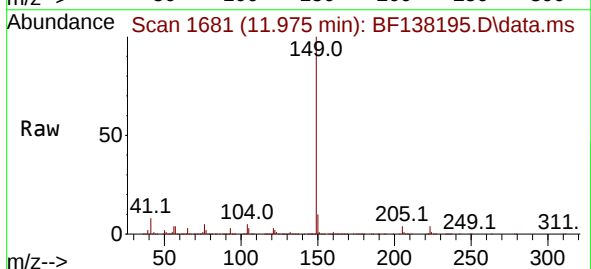
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	13.6	10.6	16.0

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Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024

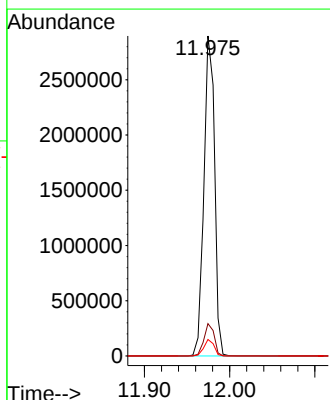
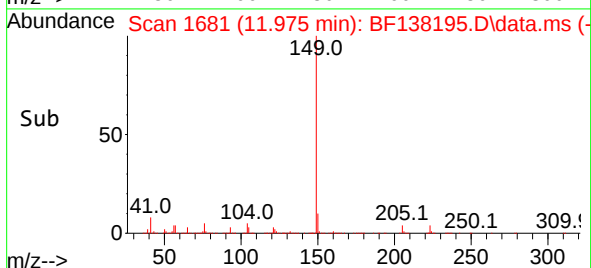


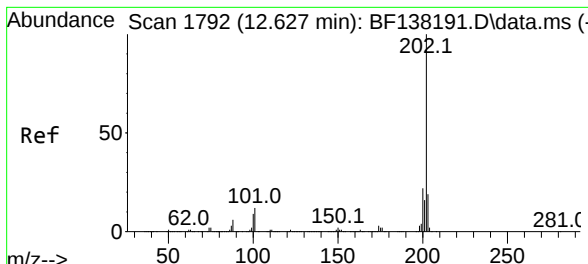
#74
 Di-n-butylphthalate
 Concen: 43.451 ng
 RT: 11.975 min Scan# 1681
 Delta R.T. -0.000 min
 Lab File: BF138195.D
 Acq: 12 Jun 2024 15:42



Tgt Ion:149 Resp: 2516425

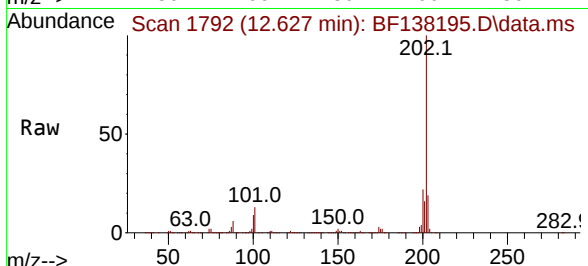
Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	5.1	4.1	6.1





#75
 Fluoranthene
 Concen: 42.149 ng
 RT: 12.627 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: BF138195.D
 Acq: 12 Jun 2024 15:42

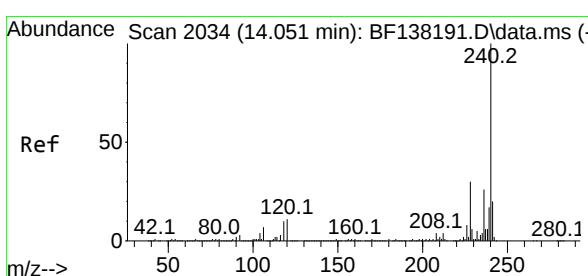
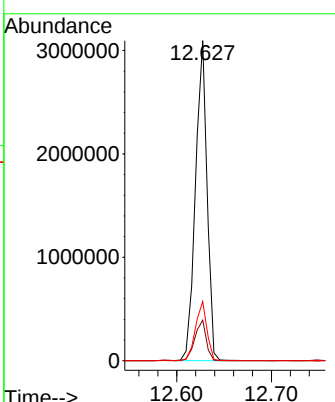
Instrument : BNA_F
 ClientSampleId : ICVBF061224



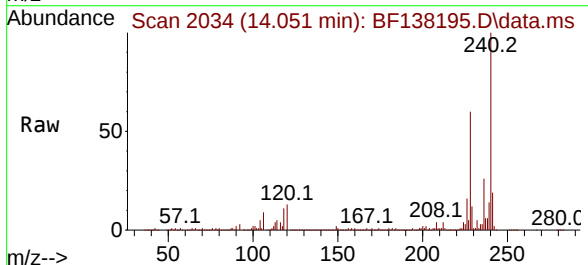
Tgt Ion: 202 Resp: 2640339

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.8
203	18.5	0.0	38.6

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 Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024

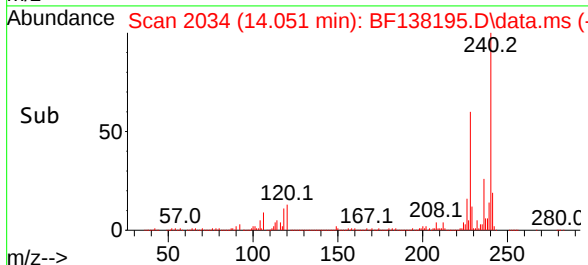
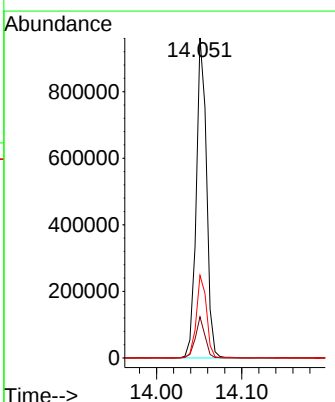


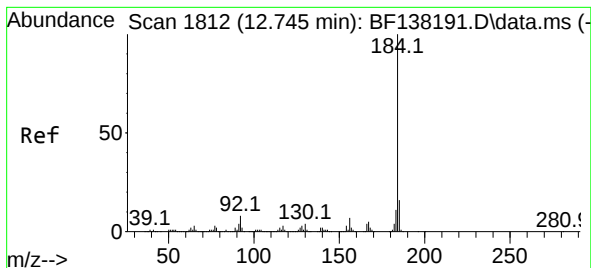
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.000 min
 Lab File: BF138195.D
 Acq: 12 Jun 2024 15:42



Tgt Ion: 240 Resp: 807807

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.2	13.8
236	25.8	21.0	31.6





#77

Benzidine

Concen: 71.765 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.000 min

Lab File: BF138195.D

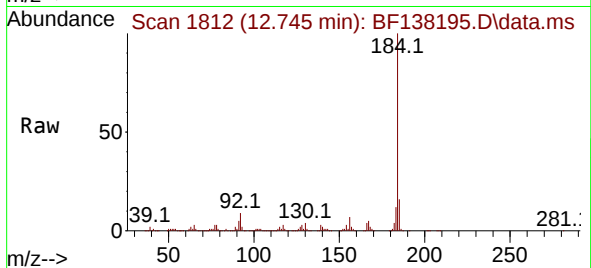
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224



Tgt Ion:184 Resp: 670549

Ion Ratio Lower Upper

184 100

185 16.5 12.6 19.0

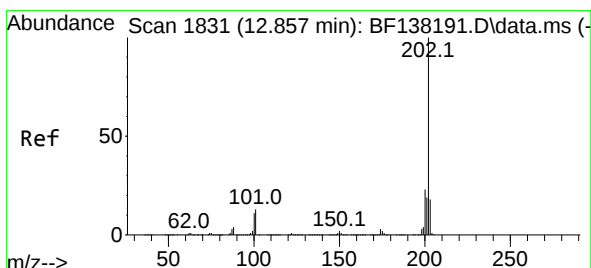
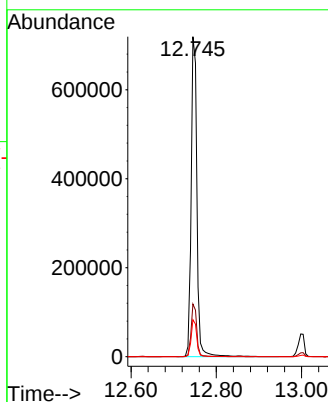
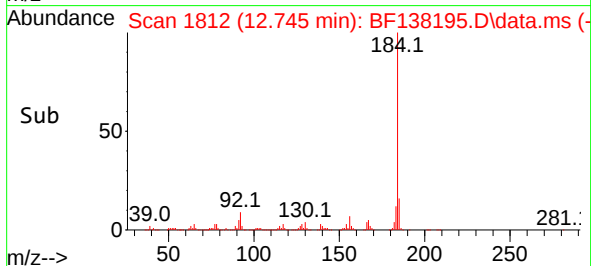
183 11.6 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024

Supervised By :mohammad ahmed 06/15/2024



#78

Pyrene

Concen: 38.887 ng

RT: 12.857 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

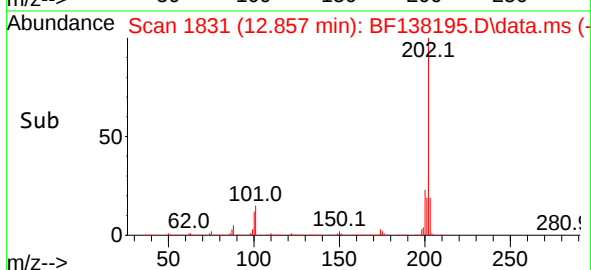
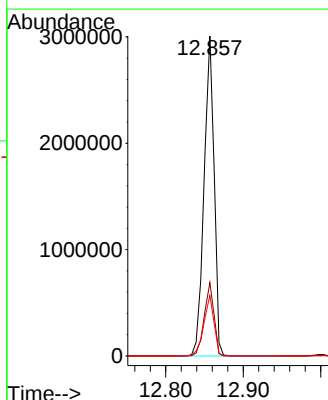
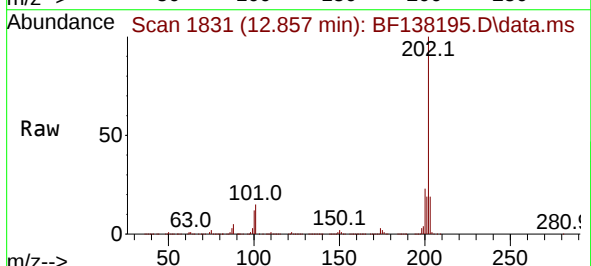
Tgt Ion:202 Resp: 2709582

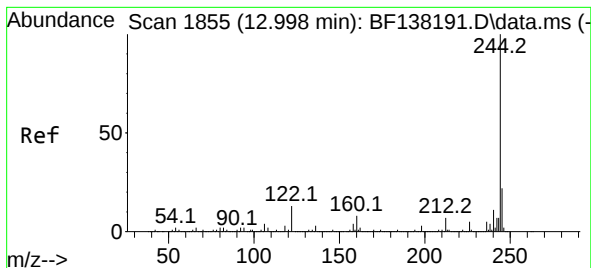
Ion Ratio Lower Upper

202 100

200 23.0 18.0 27.0

203 18.9 14.7 22.1





#79

Terphenyl-d14

Concen: 74.941 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF138195.D

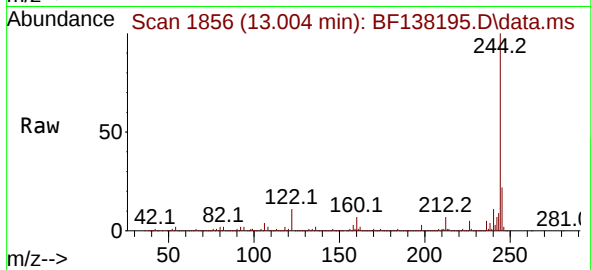
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224



Tgt Ion:244 Resp: 3822258

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

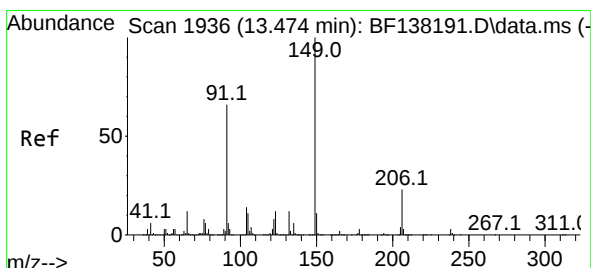
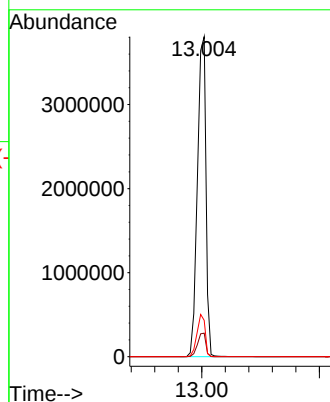
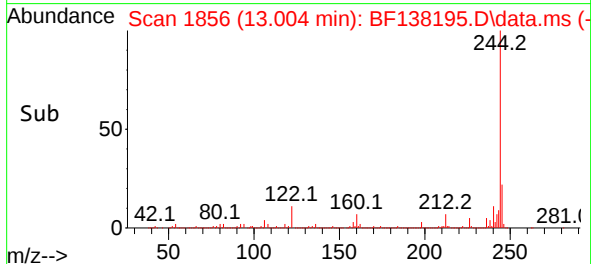
122 11.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024

Supervised By :mohammad ahmed 06/15/2024



#80

Butylbenzylphthalate

Concen: 47.343 ng

RT: 13.474 min Scan# 1936

Delta R.T. -0.000 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

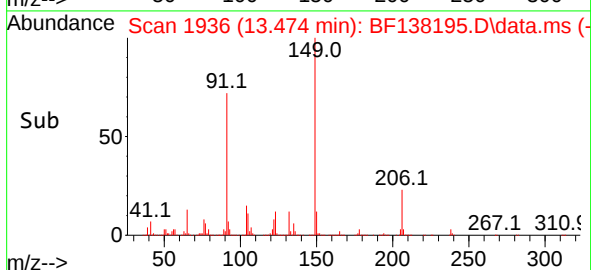
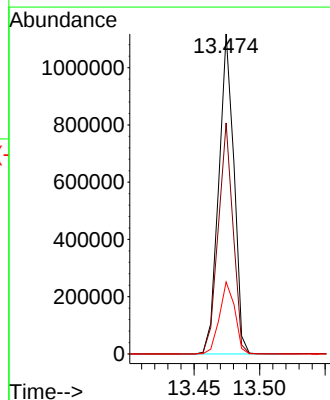
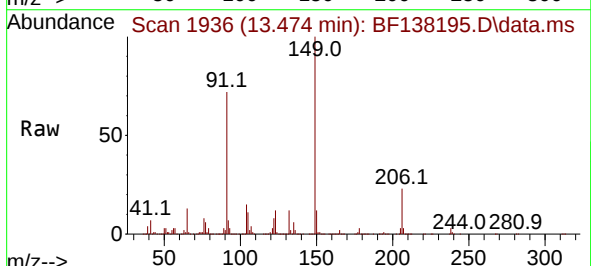
Tgt Ion:149 Resp: 897292

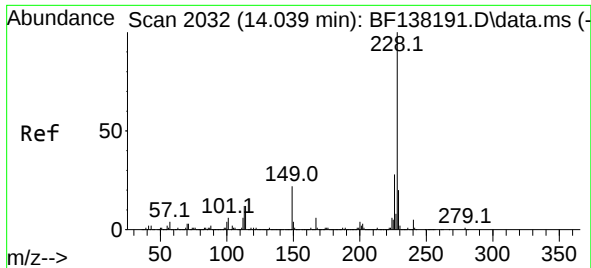
Ion Ratio Lower Upper

149 100

91 72.2 53.2 79.8

206 22.5 18.6 27.8





#81
Benzo(a)anthracene
Concen: 40.652 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

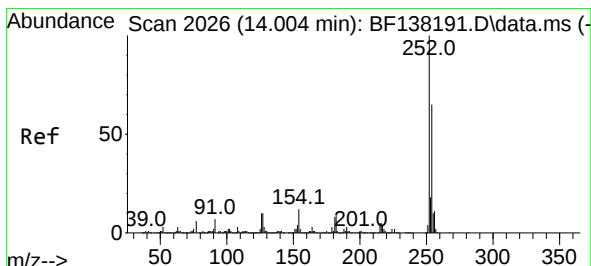
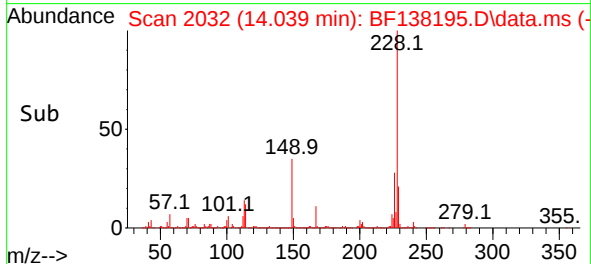
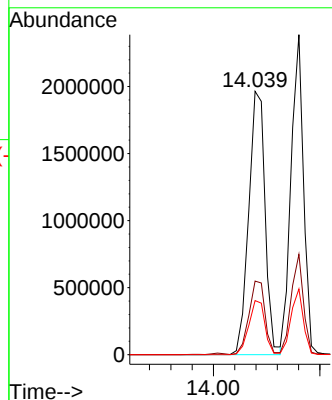
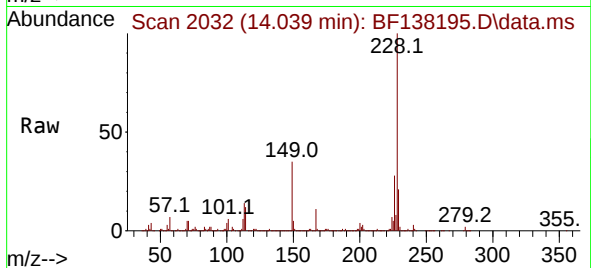
ICVBF061224

Tgt Ion:228 Resp: 2106798
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 20.6 16.3 24.5

Manual Integrations

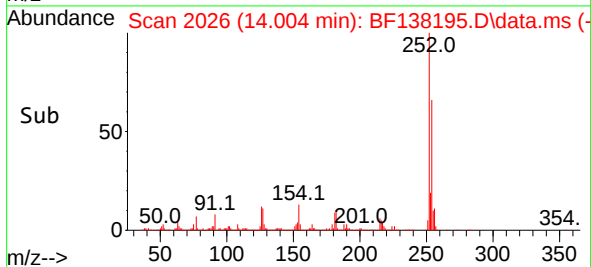
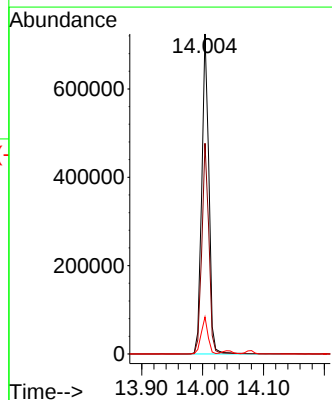
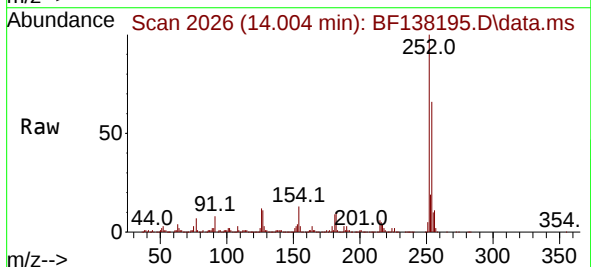
APPROVED

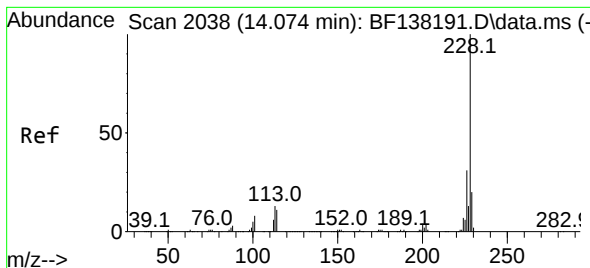
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#82
3,3'-Dichlorobenzidine
Concen: 41.417 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

Tgt Ion:252 Resp: 591077
Ion Ratio Lower Upper
252 100
254 65.8 51.8 77.6
126 11.5 8.3 12.5





#83

Chrysene

Concen: 39.789 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF138195.D

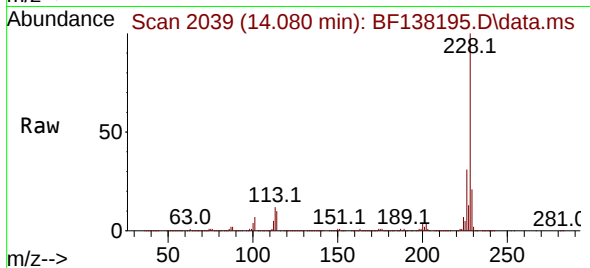
Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224



Tgt Ion:228 Resp: 196551

Ion Ratio Lower Upper

228 100

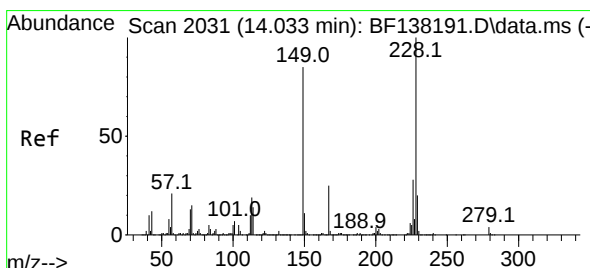
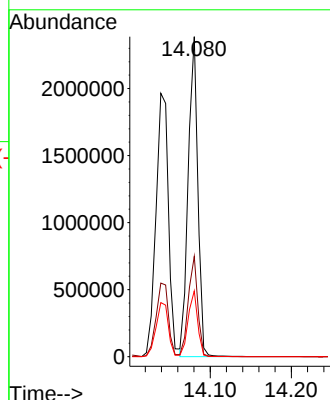
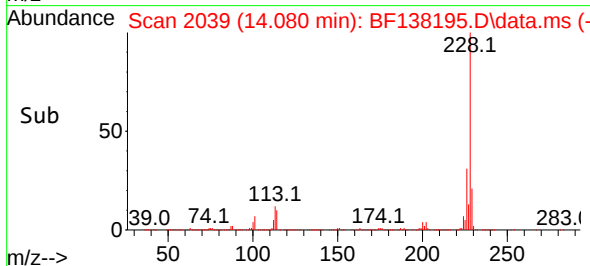
226 31.4 24.5 36.7

229 20.6 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.501 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

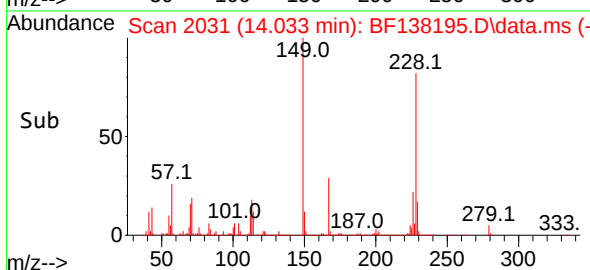
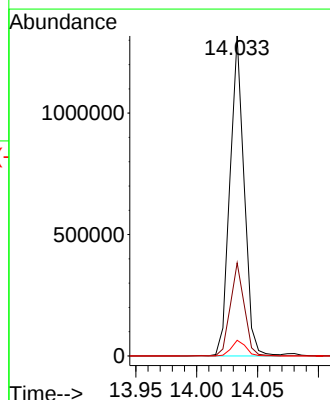
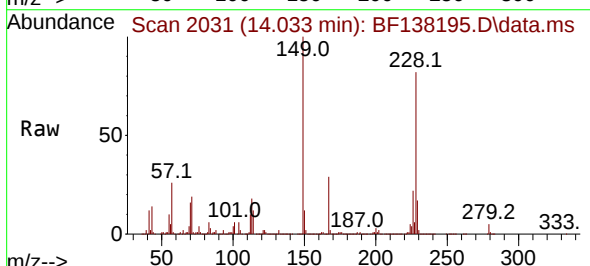
Tgt Ion:149 Resp: 1069133

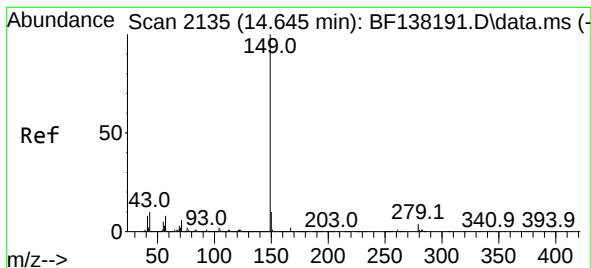
Ion Ratio Lower Upper

149 100

167 29.1 23.5 35.3

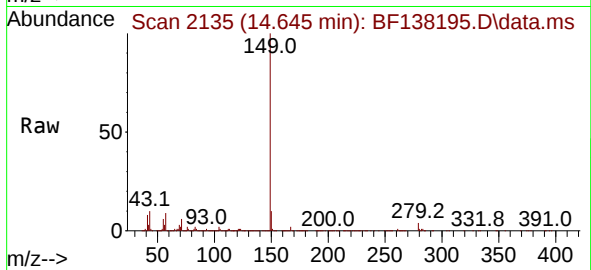
279 4.9 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 43.362 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42

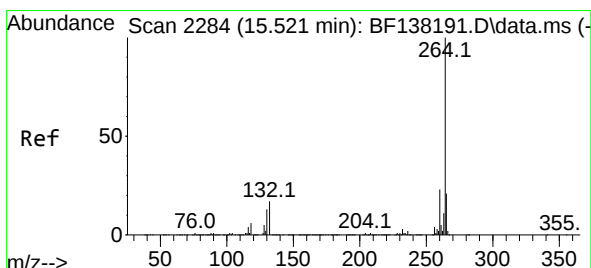
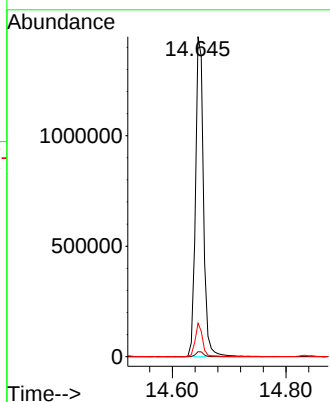
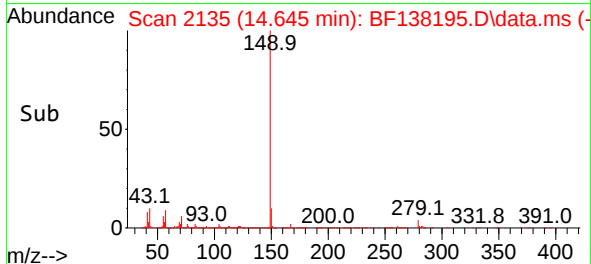
Instrument :
BNA_F
ClientSampleId :
ICVBF061224



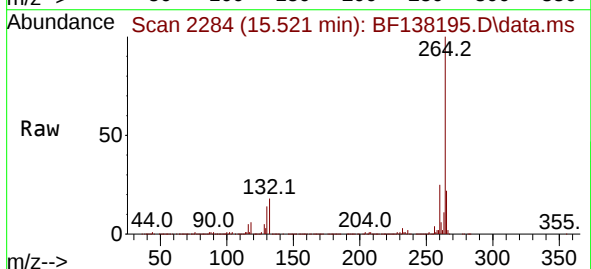
Tgt Ion:149 Resp: 1420029
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.8 7.8 11.6

Manual Integrations
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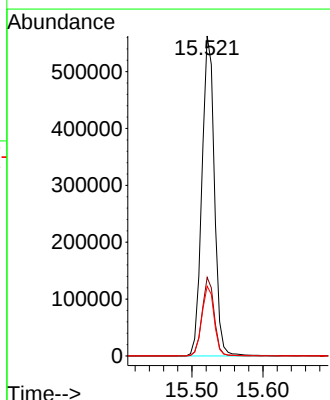
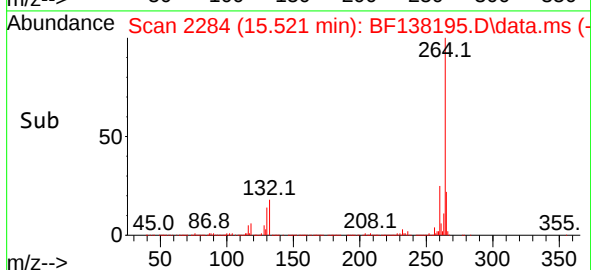
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

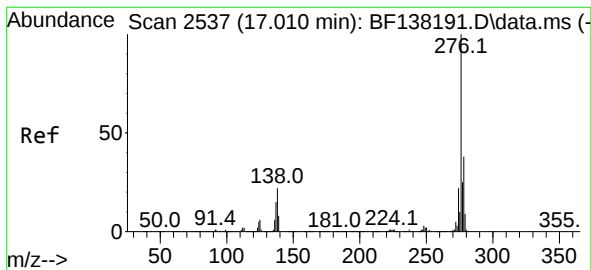


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF138195.D
Acq: 12 Jun 2024 15:42



Tgt Ion:264 Resp: 690227
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.684 ng

RT: 17.010 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

Tgt Ion:276 Resp: 1830610

Ion Ratio Lower Upper

276 100

138 24.1 19.3 28.9

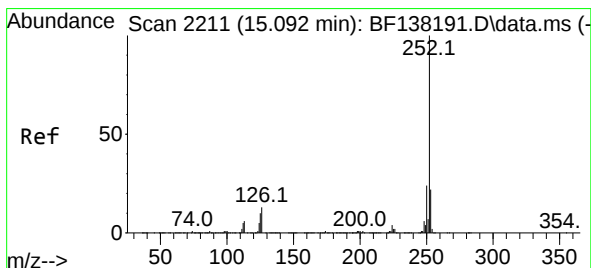
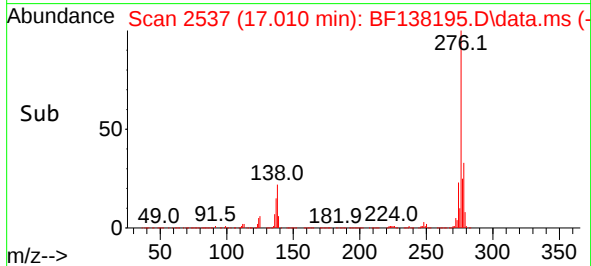
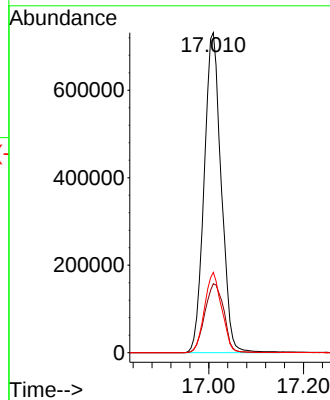
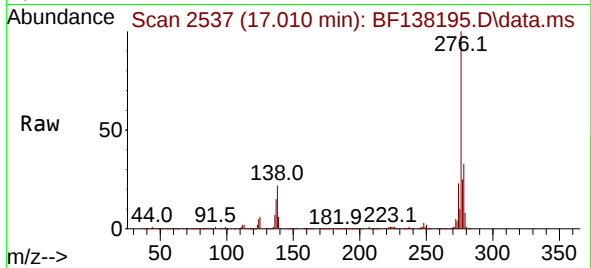
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024

Supervised By :mohammad ahmed 06/15/2024



#88

Benzo(b)fluoranthene

Concen: 44.493 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

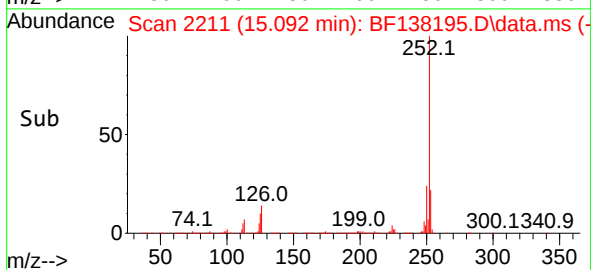
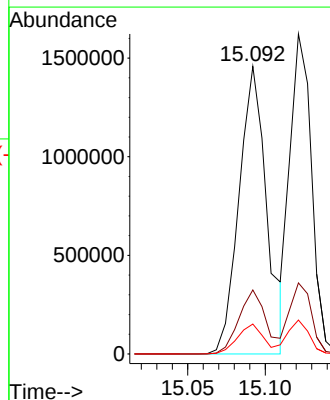
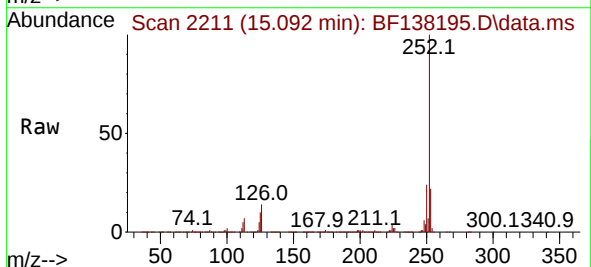
Tgt Ion:252 Resp: 1811025

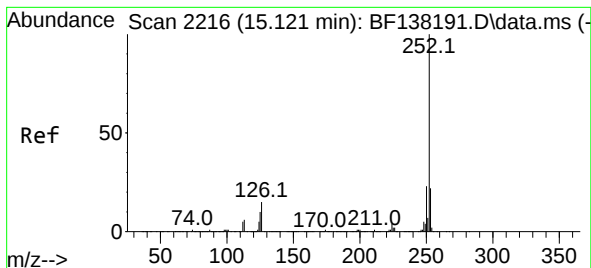
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.4 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 39.887 ng

RT: 15.121 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

Tgt Ion:252 Resp: 1591108

Ion Ratio Lower Upper

252 100

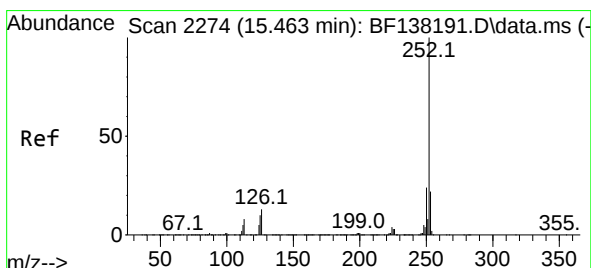
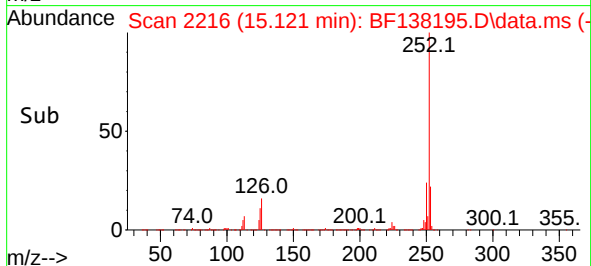
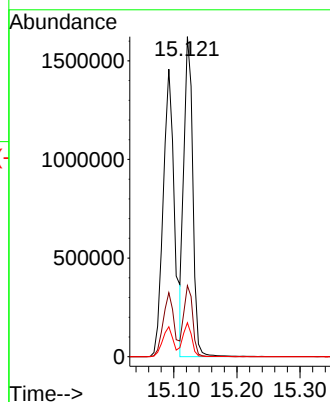
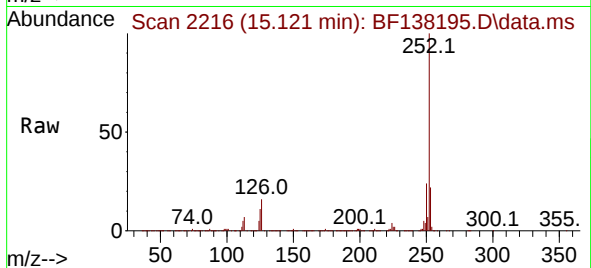
253 22.2 17.8 26.8

125 10.6 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#90

Benzo(a)pyrene

Concen: 41.840 ng

RT: 15.463 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

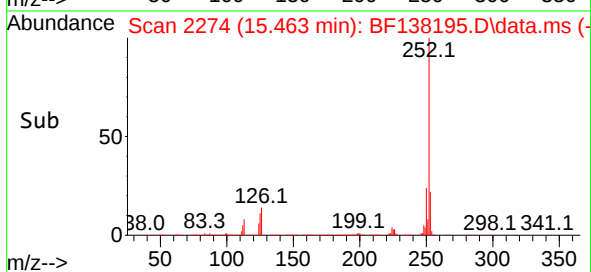
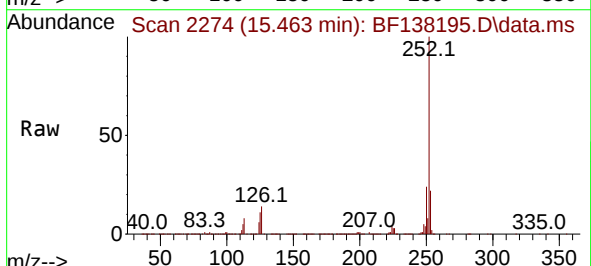
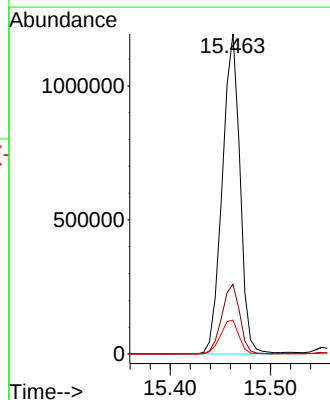
Tgt Ion:252 Resp: 1463058

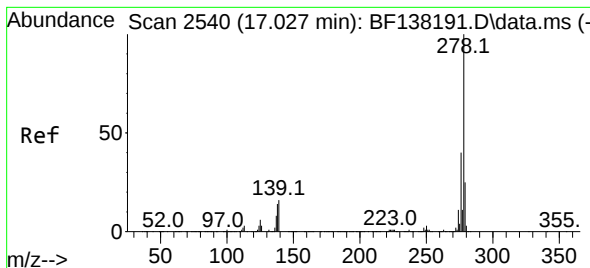
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.6 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 40.950 ng

RT: 17.027 min Scan# 2540

Delta R.T. -0.000 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF061224

Tgt Ion:278 Resp: 151240

Ion Ratio Lower Upper

278 100

139 16.1 12.9 19.3

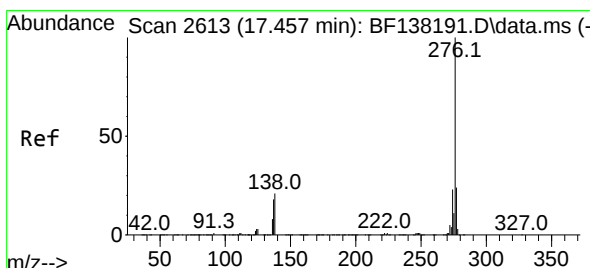
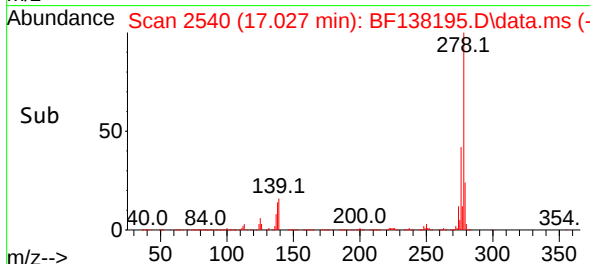
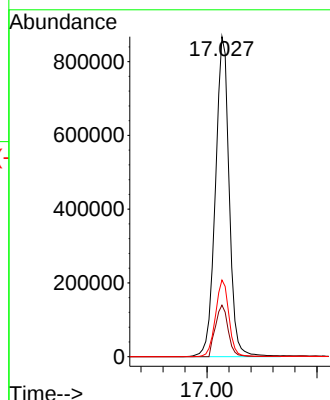
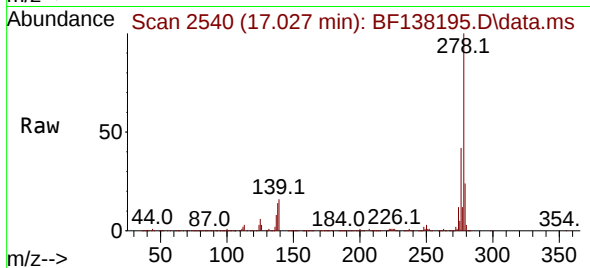
279 24.0 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024

Supervised By :mohammad ahmed 06/15/2024



#92

Benzo(g,h,i)perylene

Concen: 41.003 ng

RT: 17.457 min Scan# 2613

Delta R.T. -0.000 min

Lab File: BF138195.D

Acq: 12 Jun 2024 15:42

Tgt Ion:276 Resp: 1566636

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 21.2 16.6 24.8

