

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138247.D
 Acq On : 19 Jun 2024 15:49
 Operator : CG\JU
 Sample : PB161582BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB161582BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 16:18:39 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	422717	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1710462	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	975535	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1710523	20.000	ng	0.00
76) Chrysene-d12	14.045	240	909307	20.000	ng	# 0.00
86) Perylene-d12	15.516	264	748939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2841929	112.464	ng	0.01
7) Phenol-d6	6.522	99	3637518	113.520	ng	0.00
23) Nitrobenzene-d5	7.457	82	2290729	77.966	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	1170453	120.520	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4142992	67.532	ng	0.00
79) Terphenyl-d14	12.998	244	4629838	80.643	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	350656	30.323	ng	98
3) Pyridine	3.534	79	852986	31.035	ng	99
4) n-Nitrosodimethylamine	3.499	42	515138	40.498	ng	91
6) Aniline	6.551	93	785383	25.050	ng	99
8) 2-Chlorophenol	6.675	128	1228709	44.975	ng	99
9) Benzaldehyde	6.434	77	515233	30.274	ng	99
10) Phenol	6.540	94	1400342m	43.064	ng	
11) bis(2-Chloroethyl)ether	6.622	93	1161138	44.615	ng	98
12) 1,3-Dichlorobenzene	6.828	146	1183814	38.129	ng	99
13) 1,4-Dichlorobenzene	6.904	146	1207290	38.639	ng	100
14) 1,2-Dichlorobenzene	7.057	146	1173434	40.006	ng	99
15) Benzyl Alcohol	7.034	79	1005549	46.542	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1502079	40.895	ng	97
17) 2-Methylphenol	7.140	107	963909	44.719	ng	99
18) Hexachloroethane	7.398	117	435310	41.124	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	809431	42.616	ng	99
20) 3+4-Methylphenols	7.293	107	1105939	40.764	ng	95
22) Acetophenone	7.304	105	1531361	39.191	ng	# 96
24) Nitrobenzene	7.475	77	1200820	39.544	ng	92
25) Isophorone	7.710	82	2300185	43.282	ng	100
26) 2-Nitrophenol	7.787	139	651014	53.315	ng	99
27) 2,4-Dimethylphenol	7.822	122	862658m	46.436	ng	
28) bis(2-Chloroethoxy)met...	7.922	93	1429255	42.962	ng	100
29) 2,4-Dichlorophenol	8.028	162	1039130	43.447	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	1092566	38.735	ng	97
31) Naphthalene	8.192	128	3242893	38.342	ng	99
32) Benzoic acid	7.969	122	871193	53.208	ng	99
33) 4-Chloroaniline	8.234	127	667340	21.111	ng	100
34) Hexachlorobutadiene	8.304	225	622883	37.759	ng	99
35) Caprolactam	8.628	113	324686m	44.966	ng	
36) 4-Chloro-3-methylphenol	8.722	107	1087357	45.661	ng	95
37) 2-Methylnaphthalene	8.881	142	2220235	39.998	ng	99
38) 1-Methylnaphthalene	8.981	142	2071667	38.085	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	1089330	38.213	ng	99
41) Hexachlorocyclopentadiene	9.034	237	894856	96.270	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	791988	44.370	ng	98

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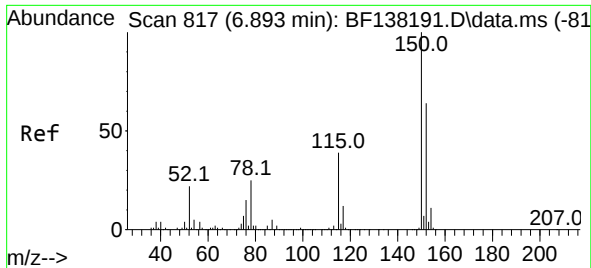
Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 16:18:39 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	834126	42.553	ng	99
46) 1,1'-Biphenyl	9.351	154	2704739	37.784	ng	99
47) 2-Chloronaphthalene	9.375	162	2155540	38.102	ng	99
48) 2-Nitroaniline	9.469	65	654832	48.064	ng	98
49) Acenaphthylene	9.786	152	3242079	40.869	ng	99
50) Dimethylphthalate	9.651	163	2597771	43.462	ng	99
51) 2,6-Dinitrotoluene	9.710	165	612209	47.213	ng	96
52) Acenaphthene	9.963	154	2313496m	42.768	ng	
53) 3-Nitroaniline	9.881	138	471972	34.071	ng	98
54) 2,4-Dinitrophenol	9.986	184	666815	94.589	ng	99
55) Dibenzofuran	10.134	168	2924993	38.680	ng	97
56) 4-Nitrophenol	10.045	139	1035736	94.614	ng	97
57) 2,4-Dinitrotoluene	10.116	165	799152	49.968	ng	# 89
58) Fluorene	10.475	166	2228476	37.481	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	691455	45.136	ng	99
60) Diethylphthalate	10.351	149	2490881	43.909	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	1153086	38.941	ng	97
62) 4-Nitroaniline	10.504	138	590866	42.691	ng	96
63) Azobenzene	10.628	77	2354807	41.433	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	462912	52.371	ng	95
66) n-Nitrosodiphenylamine	10.586	169	2118302	40.450	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	796096	41.303	ng	94
68) Hexachlorobenzene	11.022	284	904520	40.212	ng	94
69) Atrazine	11.116	200	695743	46.644	ng	98
70) Pentachlorophenol	11.216	266	1043829	79.570	ng	97
71) Phenanthrene	11.439	178	3293484	38.934	ng	99
72) Anthracene	11.492	178	3271638	38.954	ng	99
73) Carbazole	11.645	167	2981043	38.699	ng	100
74) Di-n-butylphthalate	11.969	149	3553856	44.564	ng	99
75) Fluoranthene	12.622	202	3369632	39.064	ng	98
77) Benzidine	12.739	184	45839	4.358	ng	99
78) Pyrene	12.851	202	3409039	43.464	ng	99
80) Butylbenzylphthalate	13.469	149	1302297	61.042	ng	97
81) Benzo(a)anthracene	14.039	228	2420670	41.495	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	657945	40.956	ng	99
83) Chrysene	14.074	228	2313257	41.601	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1486398	59.903	ng	99
85) Di-n-octyl phthalate	14.639	149	2214678	60.079	ng	99
87) Indeno(1,2,3-cd)pyrene	17.004	276	2577382	52.790	ng	98
88) Benzo(b)fluoranthene	15.086	252	2088021	47.277	ng	98
89) Benzo(k)fluoranthene	15.121	252	2110483	48.759	ng	100
90) Benzo(a)pyrene	15.457	252	1917308	50.532	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	2140936	53.423	ng	99
92) Benzo(g,h,i)perylene	17.457	276	2078902	50.145	ng	99

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



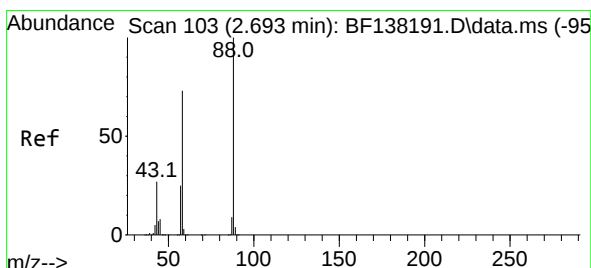
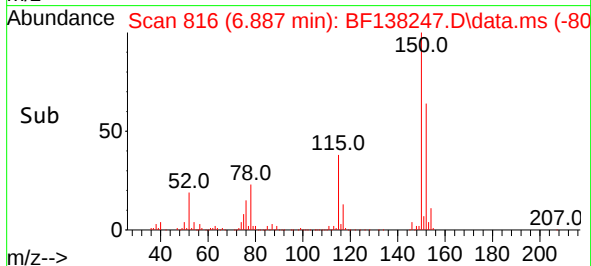
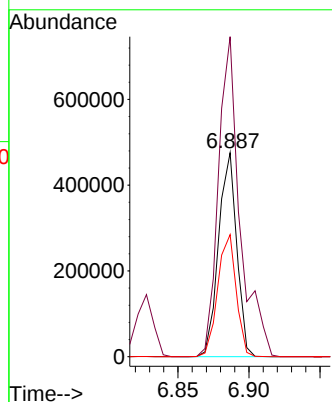
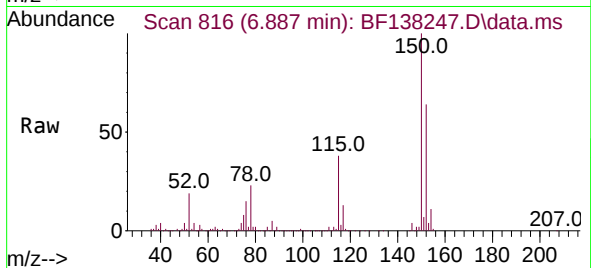
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :
BNA_F
ClientSampleId :
PB161582BS

Tgt Ion:152 Resp: 42271
Ion Ratio Lower Upper
152 100
150 156.8 125.0 187.4
115 59.8 48.4 72.6

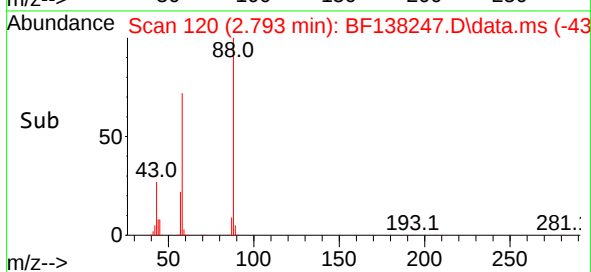
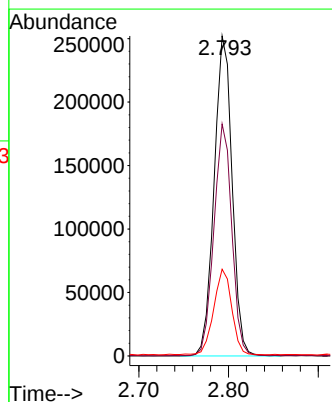
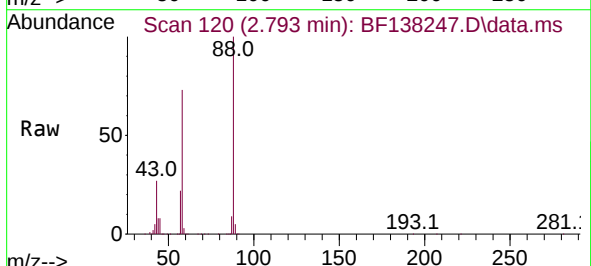
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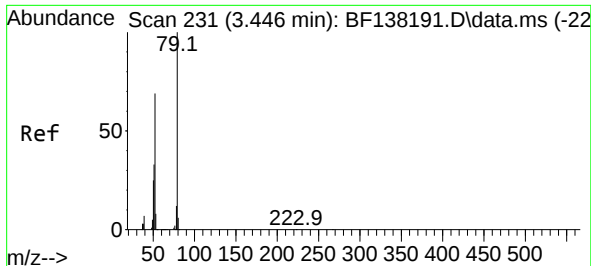
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#2
1,4-Dioxane
Concen: 30.323 ng
RT: 2.793 min Scan# 120
Delta R.T. 0.100 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Tgt Ion: 88 Resp: 350656
Ion Ratio Lower Upper
88 100
58 72.0 58.6 87.8
43 26.9 22.4 33.6





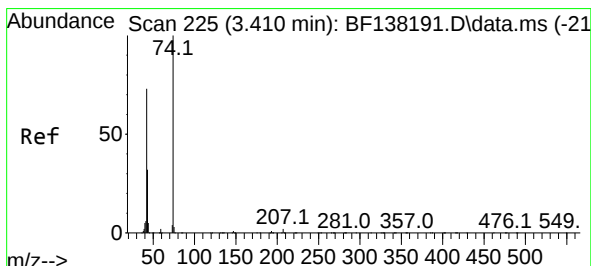
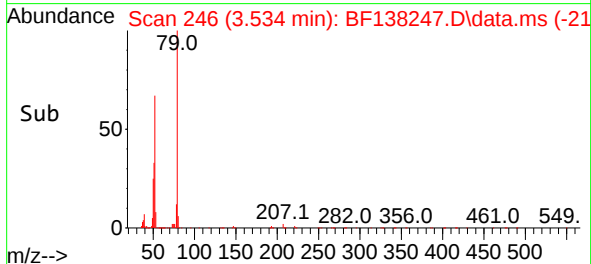
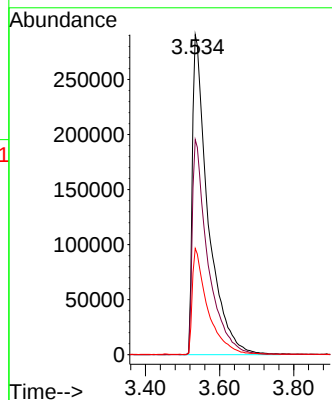
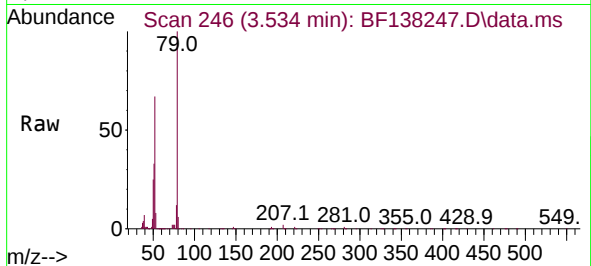
#3
Pyridine
Concen: 31.035 ng
RT: 3.534 min Scan# 24
Delta R.T. 0.088 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :
BNA_F
ClientSampleId :
PB161582BS

Tgt Ion: 79 Resp: 85298
Ion Ratio Lower Upper
79 100
52 67.2 55.0 82.4
51 33.2 26.9 40.3

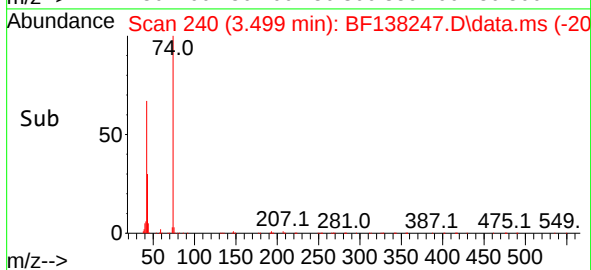
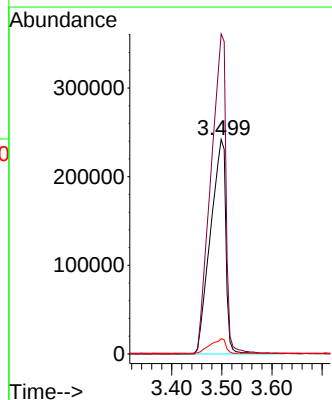
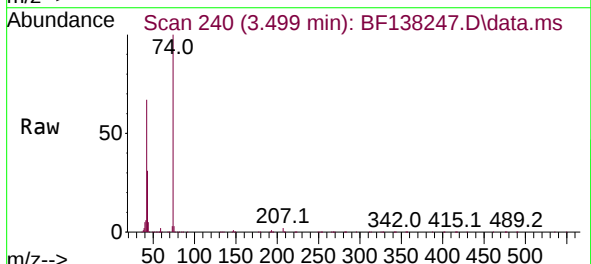
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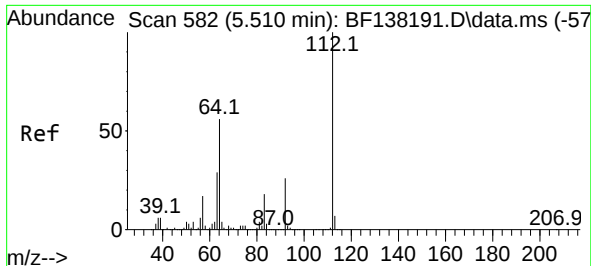
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#4
n-Nitrosodimethylamine
Concen: 40.498 ng
RT: 3.499 min Scan# 240
Delta R.T. 0.088 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Tgt Ion: 42 Resp: 515138
Ion Ratio Lower Upper
42 100
74 149.2 109.9 164.9
44 7.2 5.2 7.8





#5
2-Fluorophenol
Concen: 112.464 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

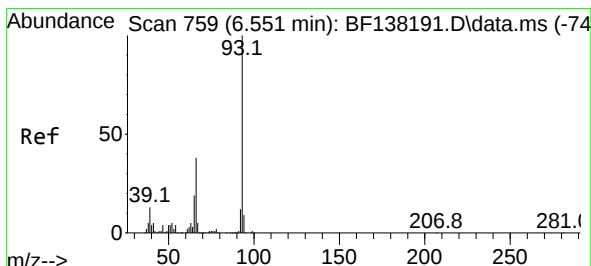
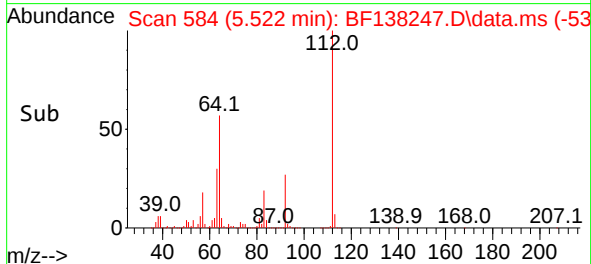
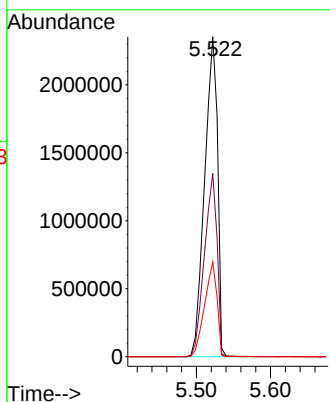
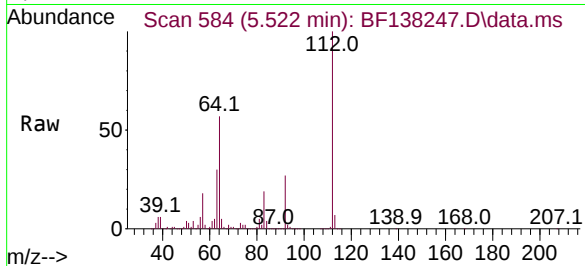
ClientSampleId :

PB161582BS

Tgt Ion:112 Resp: 2841929
Ion Ratio Lower Upper
112 100
64 57.3 45.2 67.8
63 29.6 22.9 34.3

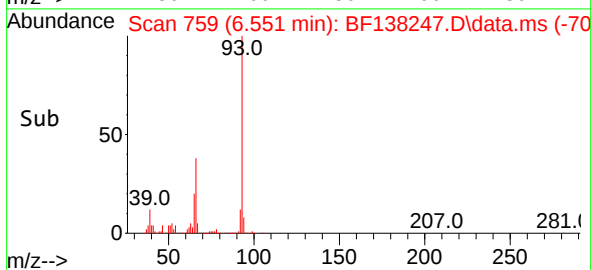
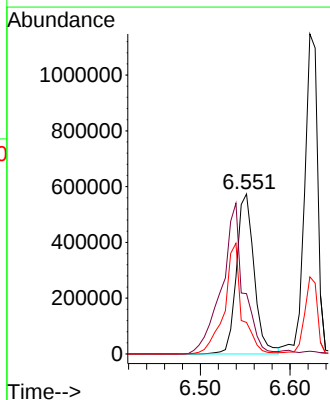
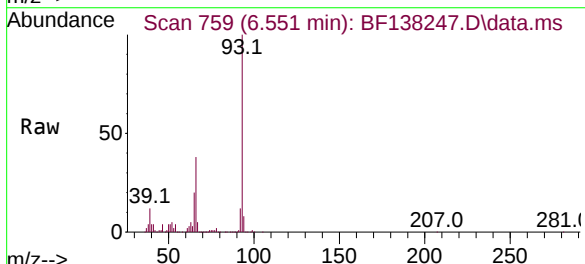
Manual Integrations
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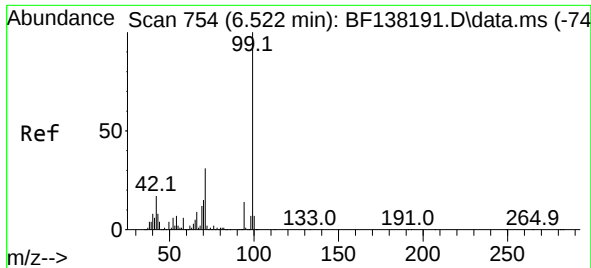
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#6
Aniline
Concen: 25.050 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

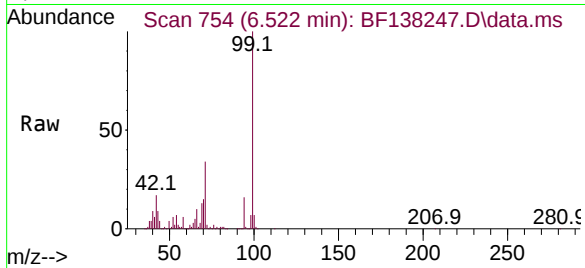
Tgt Ion: 93 Resp: 785383
Ion Ratio Lower Upper
93 100
66 37.7 30.8 46.2
65 19.7 15.5 23.3





#7
Phenol-d6
Concen: 113.520 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

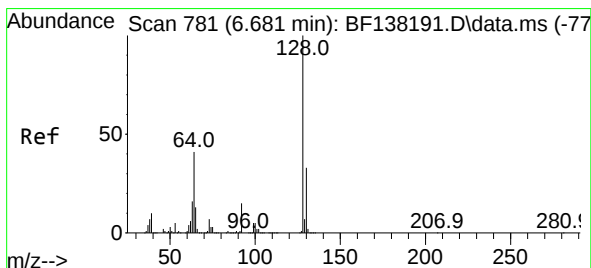
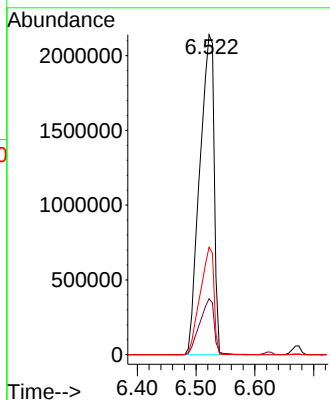
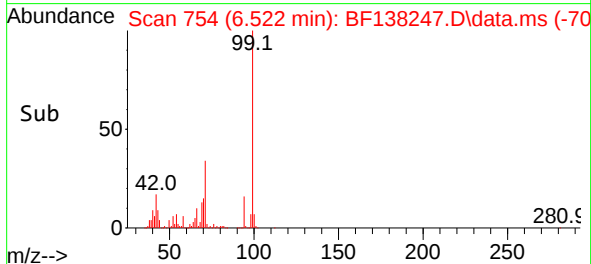
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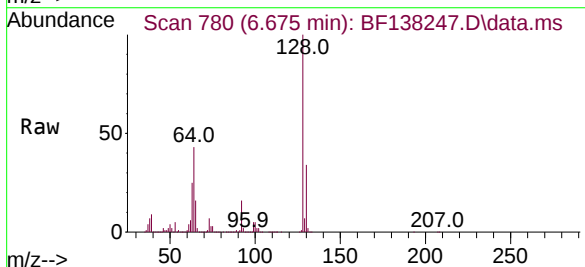
Tgt Ion: 99 Resp: 3637518
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 33.6 25.0 37.6

Manual Integrations
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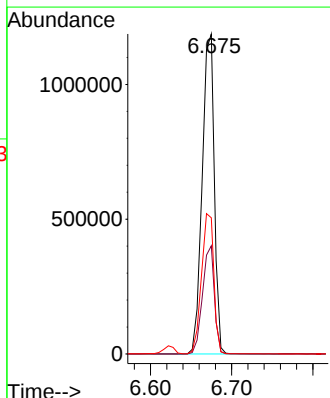
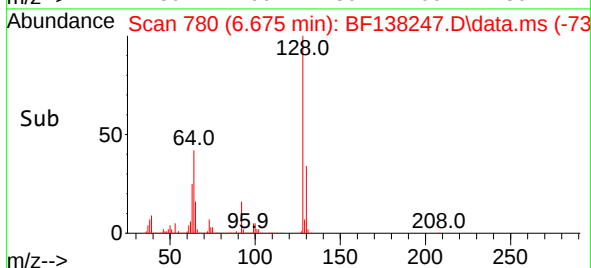
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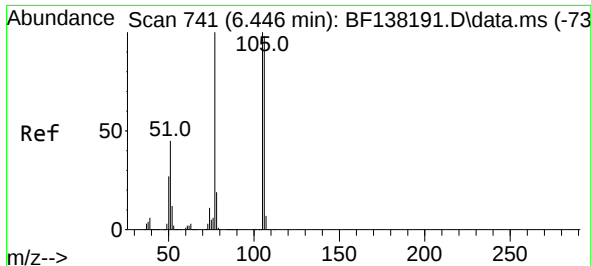


#8
2-Chlorophenol
Concen: 44.975 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49



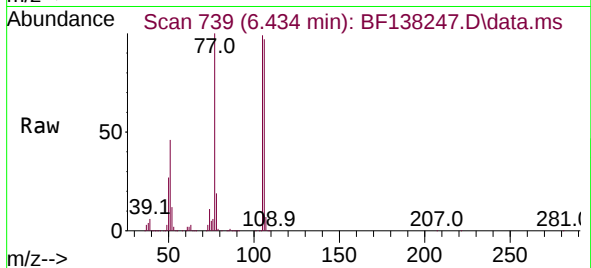
Tgt Ion:128 Resp: 1228709
Ion Ratio Lower Upper
128 100
130 33.8 13.1 53.1
64 42.6 21.8 61.8





#9
Benzaldehyde
Concen: 30.274 ng
RT: 6.434 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

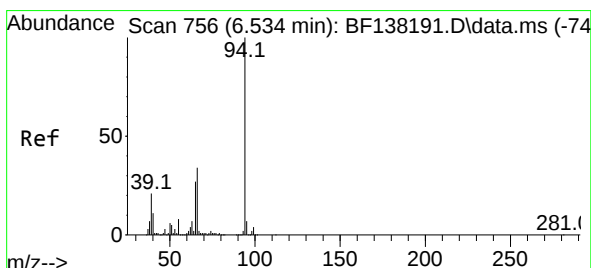
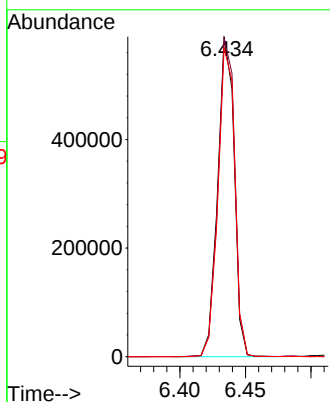
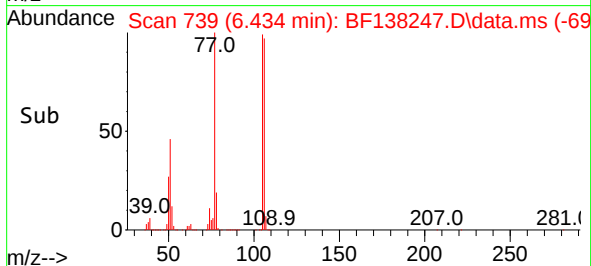
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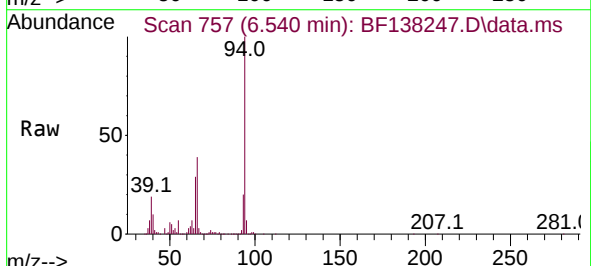
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Ion Ratio Lower Upper
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105 99.4 80.1 120.1
106 96.5 77.8 117.8

Manual Integrations
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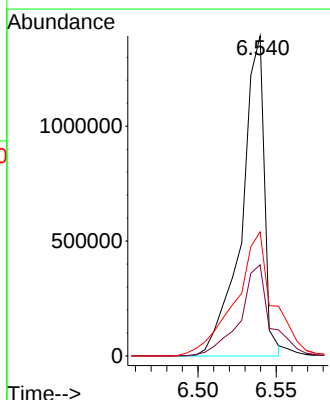
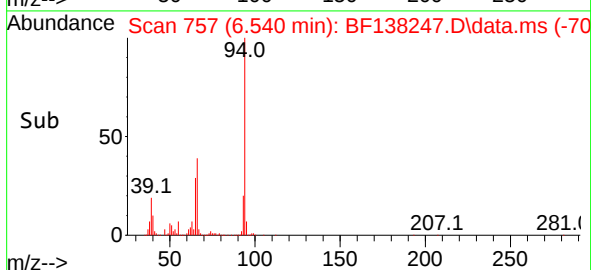
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

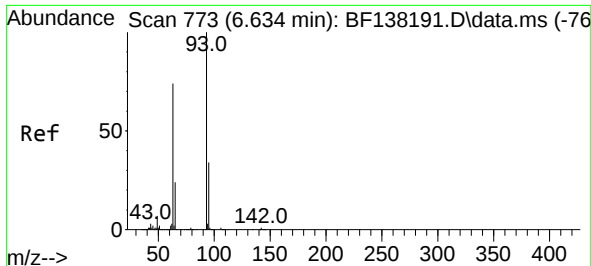


#10
Phenol
Concen: 43.064 ng m
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49



Tgt Ion: 94 Resp: 1400342
Ion Ratio Lower Upper
94 100
65 28.5 6.8 46.8
66 38.8 14.2 54.2





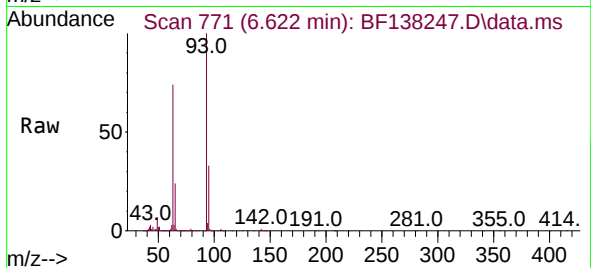
#11
bis(2-Chloroethyl)ether
Concen: 44.615 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.012 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

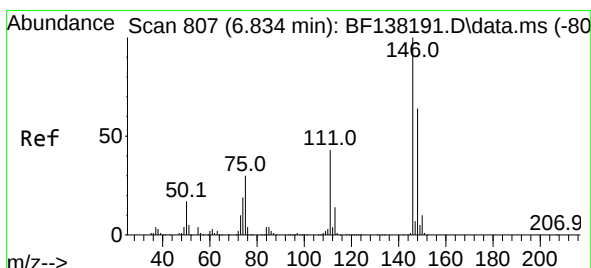
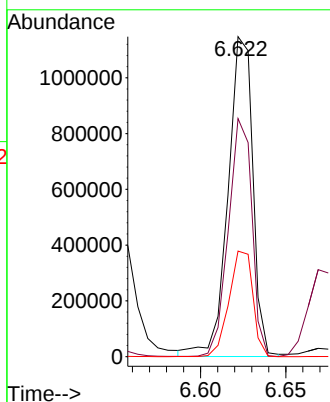
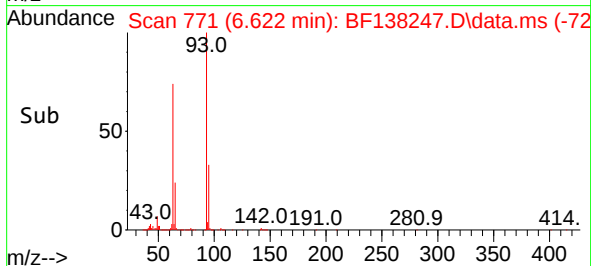


Tgt Ion: 93 Resp: 1161138
Ion Ratio Lower Upper
93 100
63 74.4 52.5 92.5
95 33.0 13.2 53.2

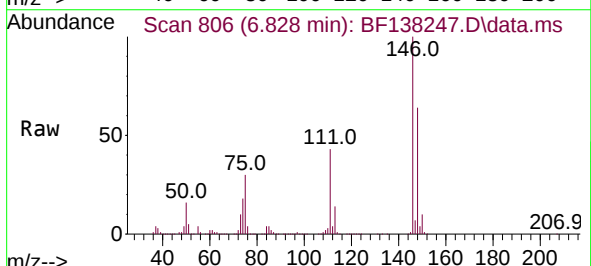
Manual Integrations

APPROVED

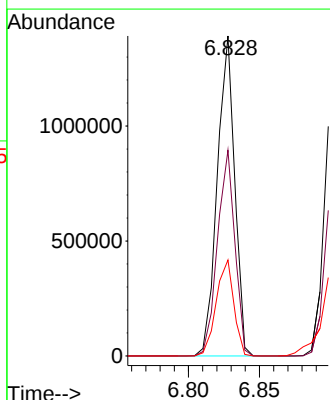
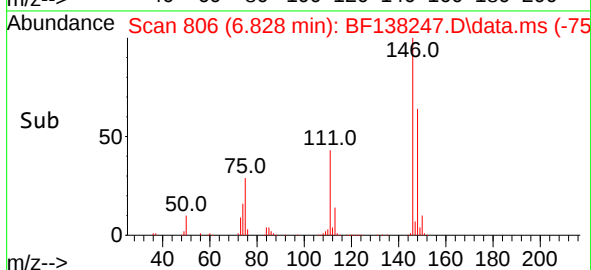
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

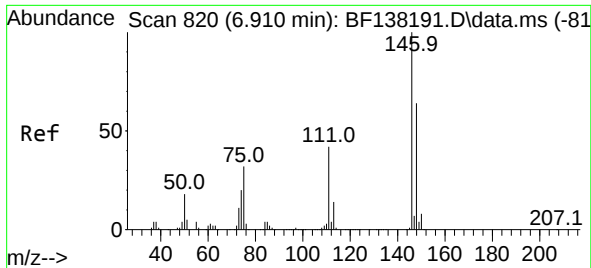


#12
1,3-Dichlorobenzene
Concen: 38.129 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49



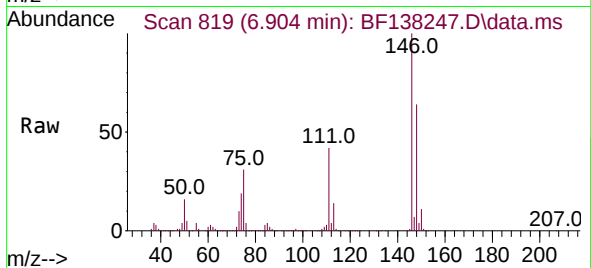
Tgt Ion:146 Resp: 1183814
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
75 30.0 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 38.639 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

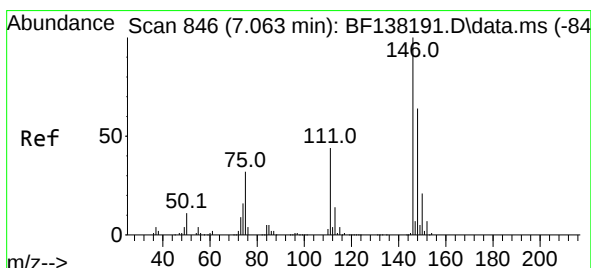
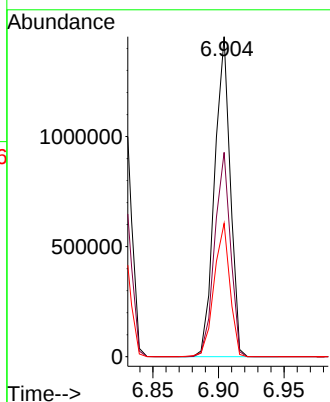
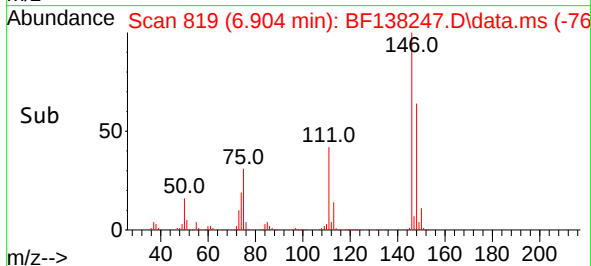
Instrument :
BNA_F
ClientSampleId :
PB161582BS



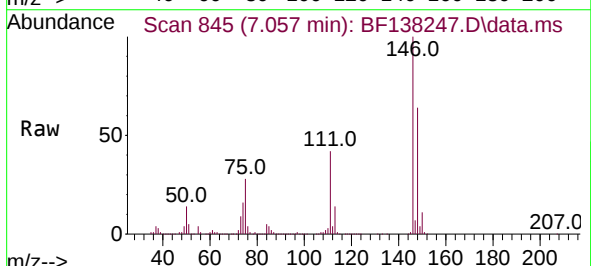
Tgt Ion:146 Resp: 1207290
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
111 41.7 33.7 50.5

Manual Integrations
APPROVED

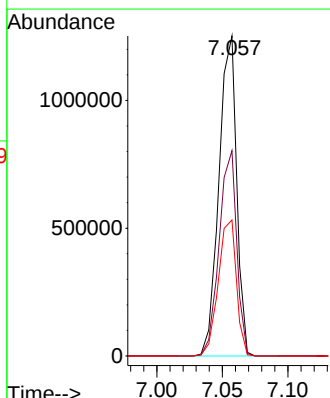
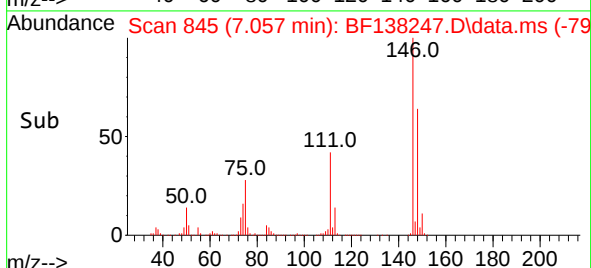
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#14
1,2-Dichlorobenzene
Concen: 40.006 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49



Tgt Ion:146 Resp: 1173434
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
111 42.5 35.4 53.2





#15
Benzyl Alcohol
Concen: 46.542 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

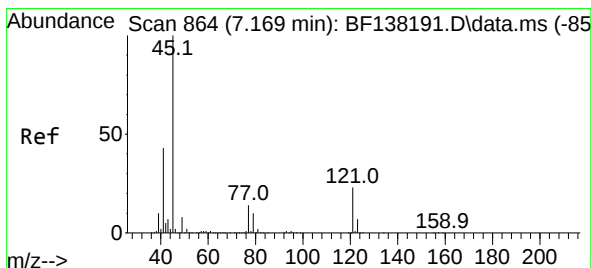
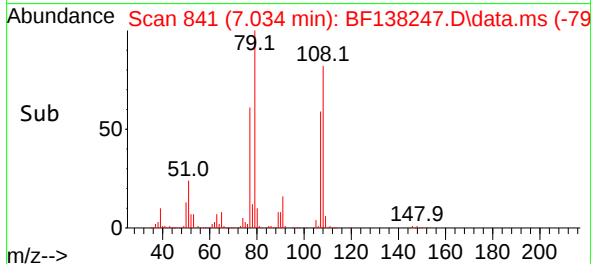
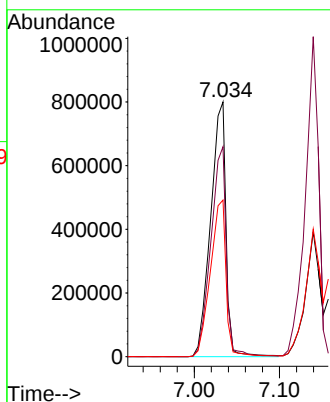
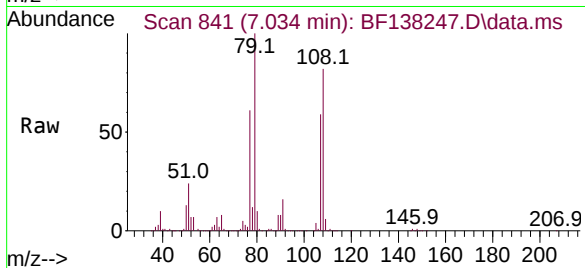
PB161582BS

Tgt Ion: 79 Resp: 1005549
Ion Ratio Lower Upper
79 100
108 82.4 65.9 98.9
77 61.5 50.3 75.5

Manual Integrations

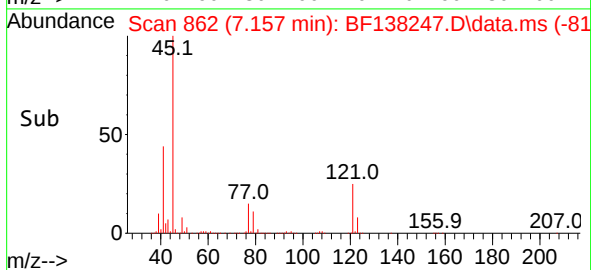
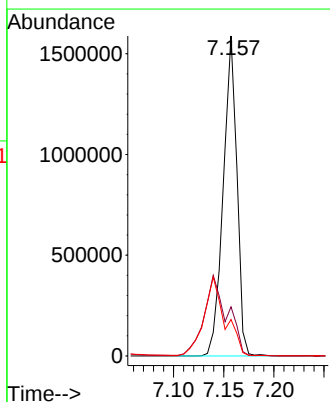
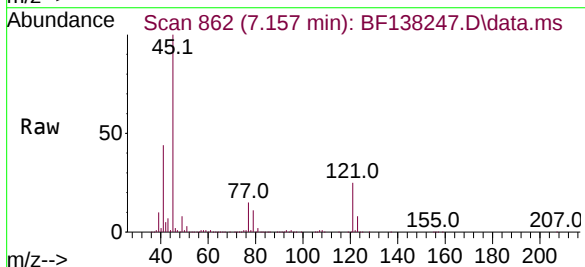
APPROVED

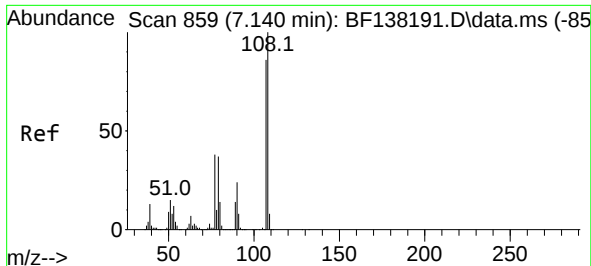
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.895 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Tgt Ion: 45 Resp: 1502079
Ion Ratio Lower Upper
45 100
77 15.4 0.0 33.9
79 11.4 0.0 30.7





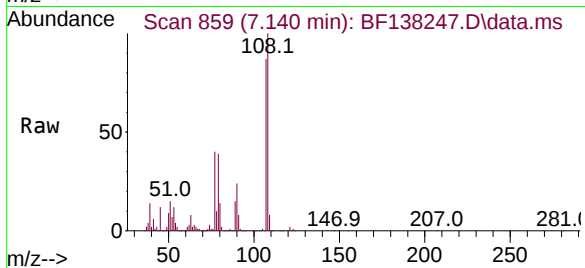
#17
2-Methylphenol
Concen: 44.719 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

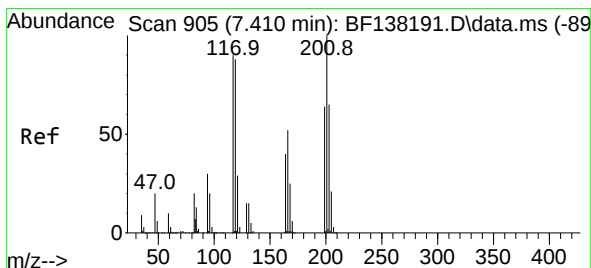
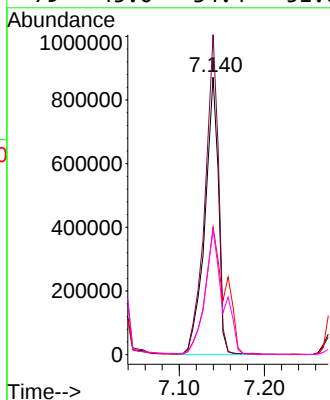
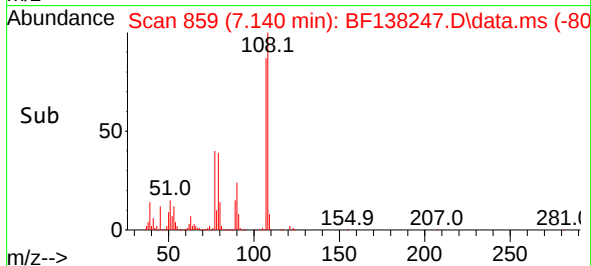


Tgt Ion:107 Resp: 963909
Ion Ratio Lower Upper
107 100
108 115.3 92.7 139.1
77 46.0 35.7 53.5
79 45.0 34.4 51.6

Manual Integrations

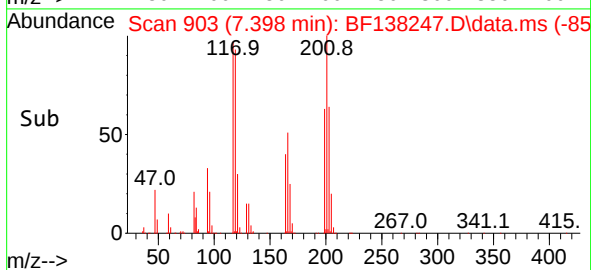
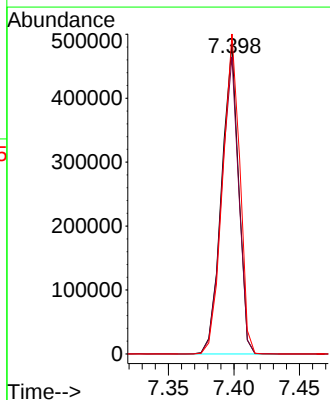
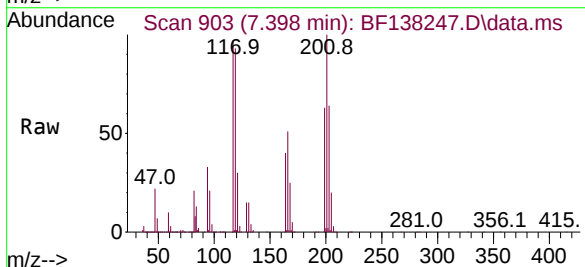
APPROVED

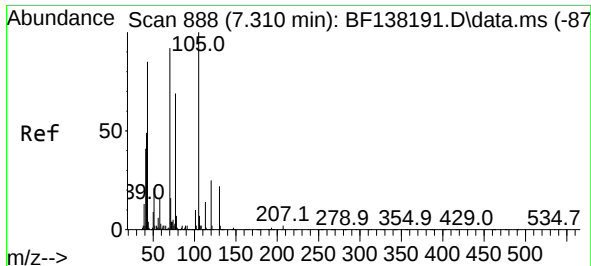
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#18
Hexachloroethane
Concen: 41.124 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Tgt Ion:117 Resp: 435310
Ion Ratio Lower Upper
117 100
119 95.7 78.4 117.6
201 103.1 89.0 133.6





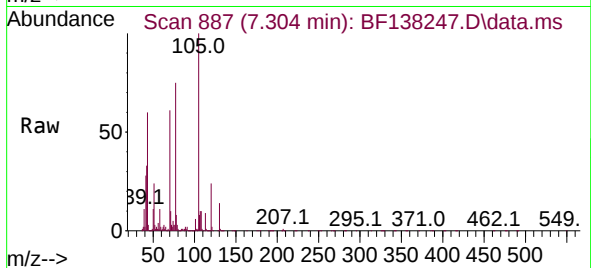
#19
n-Nitroso-di-n-propylamine
Concen: 42.616 ng
RT: 7.304 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

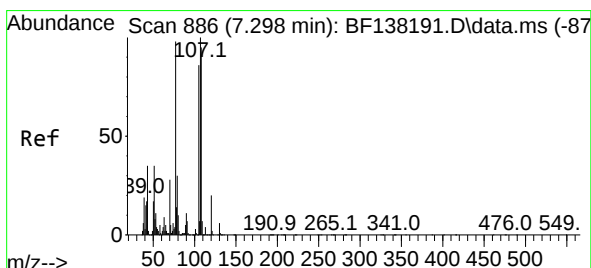
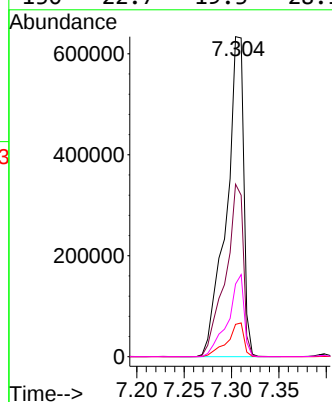
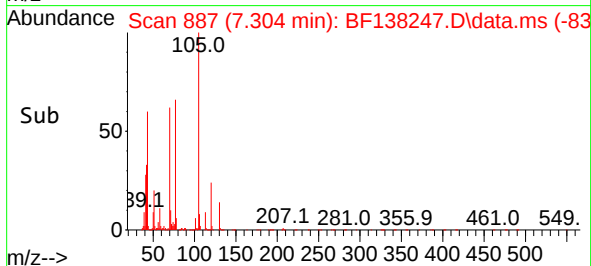


Tgt Ion: 70 Resp: 80943
Ion Ratio Lower Upper
70 100
42 53.9 42.8 64.2
101 10.1 8.4 12.6
130 22.7 19.3 28.9

Manual Integrations

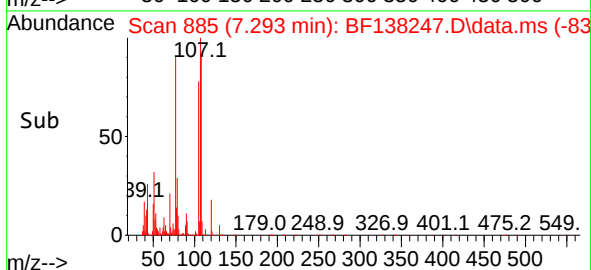
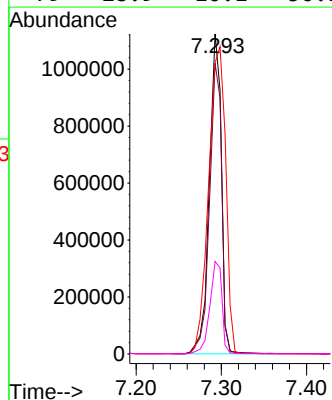
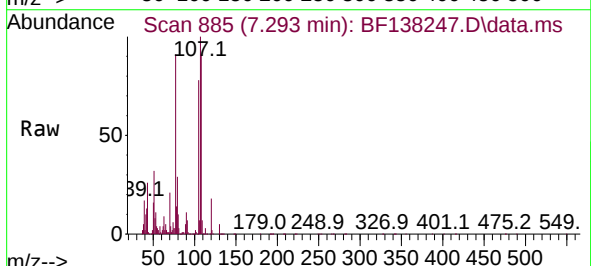
APPROVED

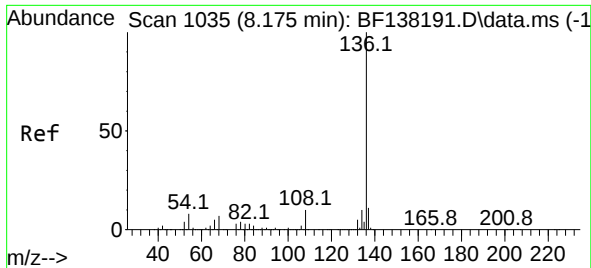
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#20
3+4-Methylphenols
Concen: 40.764 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Tgt Ion:107 Resp: 1105939
Ion Ratio Lower Upper
107 100
108 90.8 74.9 114.9
77 91.0 78.2 118.2
79 28.9 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

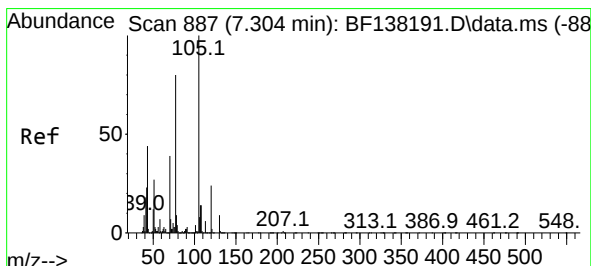
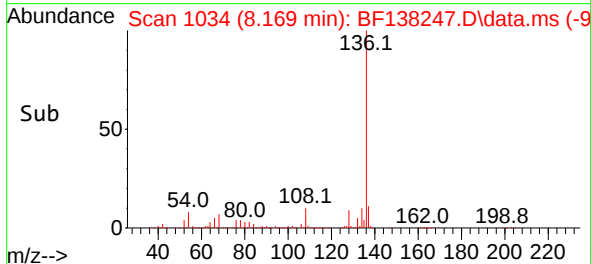
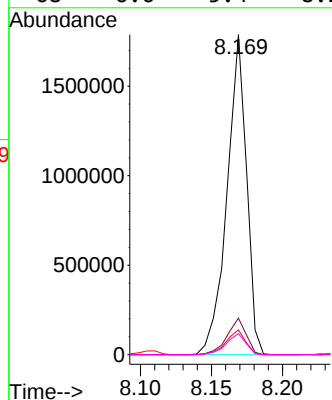
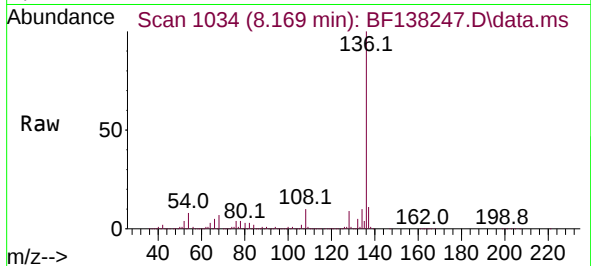
PB161582BS

Tgt Ion:136 Resp: 171046
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.8 6.6 10.0
68 6.6 5.4 8.2

Manual Integrations

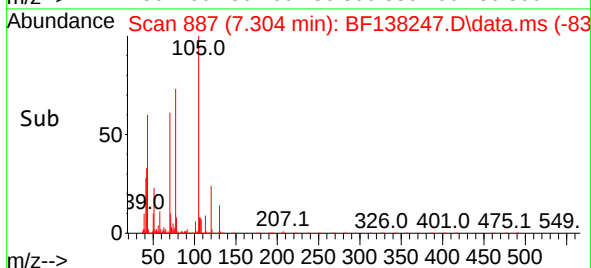
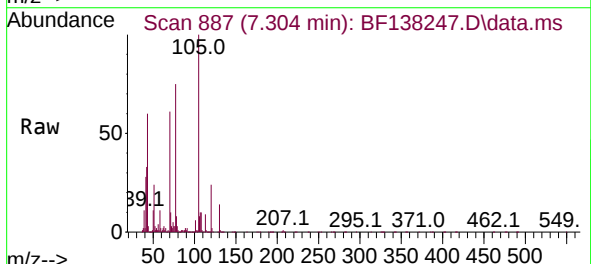
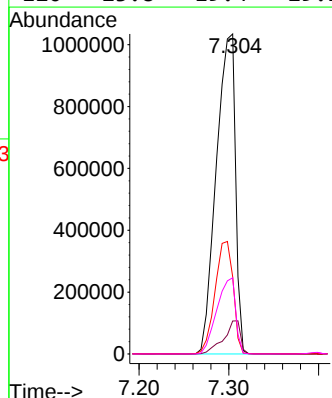
APPROVED

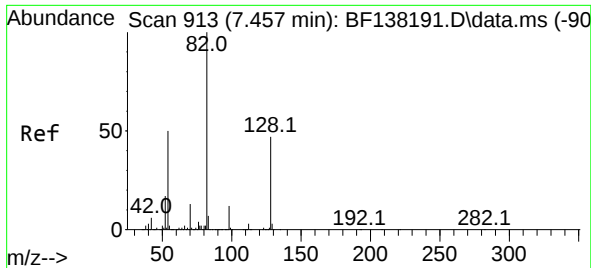
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Acetophenone
Concen: 39.191 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

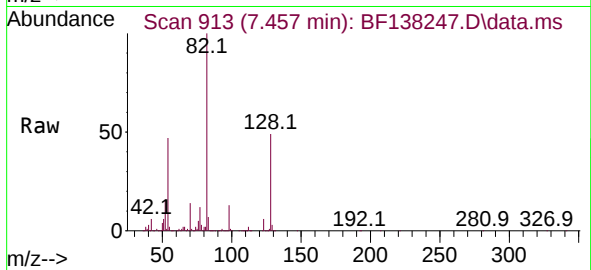
Tgt Ion:105 Resp: 1531361
Ion Ratio Lower Upper
105 100
71 10.3 5.4 8.2#
51 24.2 21.4 32.0
120 23.8 19.4 29.2





#23
Nitrobenzene-d5
Concen: 77.966 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

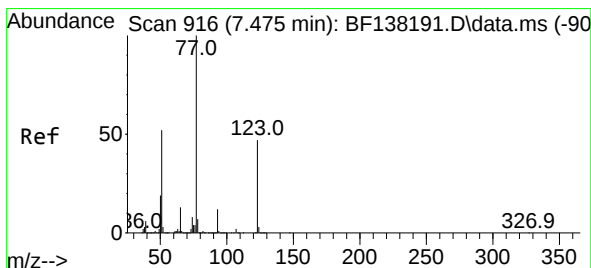
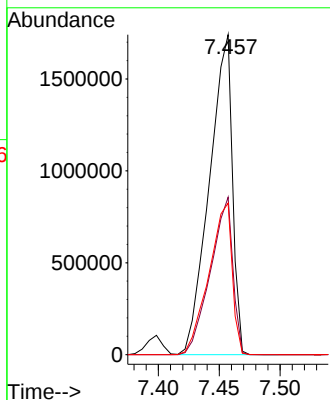
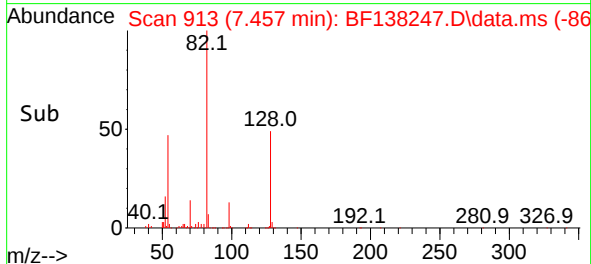
Instrument :
BNA_F
ClientSampleId :
PB161582BS



Tgt Ion: 82 Resp: 2290729
Ion Ratio Lower Upper
82 100
128 49.2 37.2 55.8
54 47.4 39.8 59.6

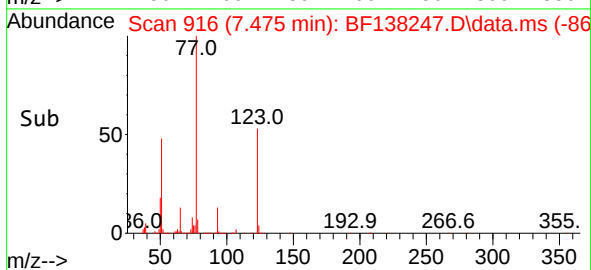
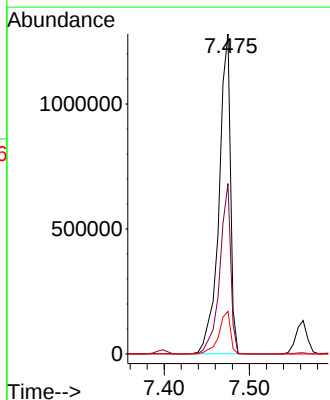
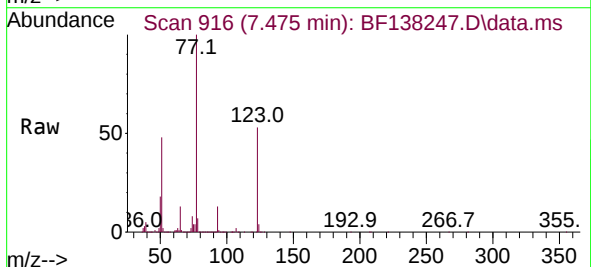
Manual Integrations
APPROVED

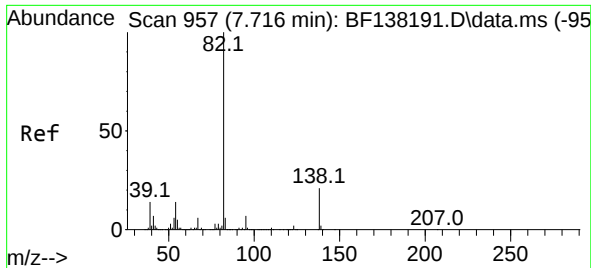
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#24
Nitrobenzene
Concen: 39.544 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Tgt Ion: 77 Resp: 1200820
Ion Ratio Lower Upper
77 100
123 53.2 37.3 55.9
65 13.3 10.6 15.8





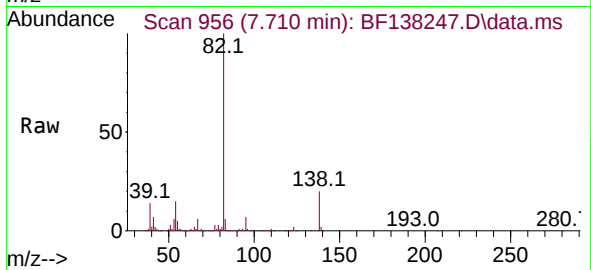
#25
Isophorone
Concen: 43.282 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

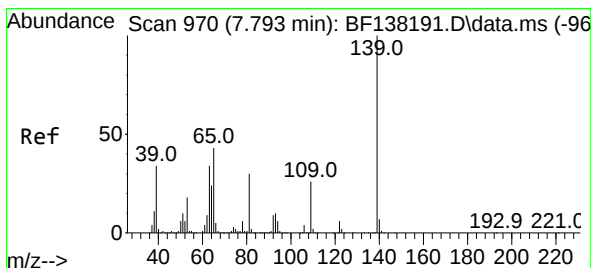
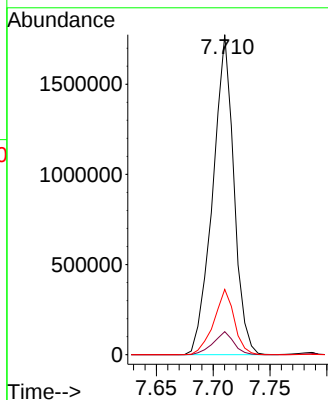
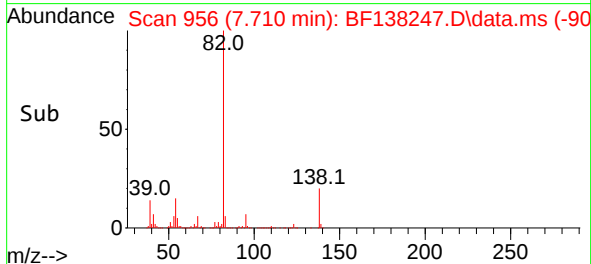


Tgt Ion: 82 Resp: 230018
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 20.4 16.4 24.6

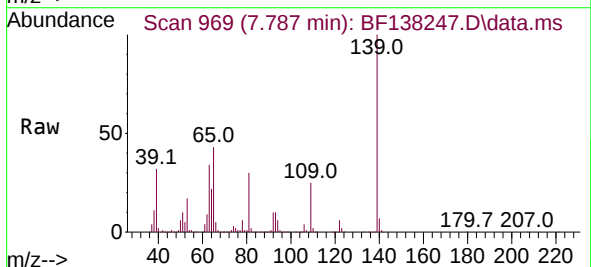
Manual Integrations

APPROVED

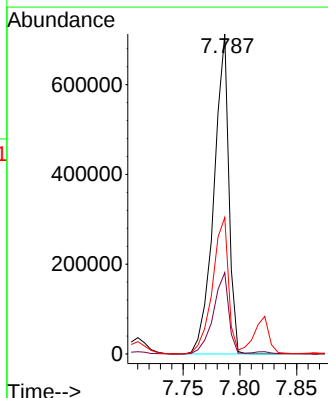
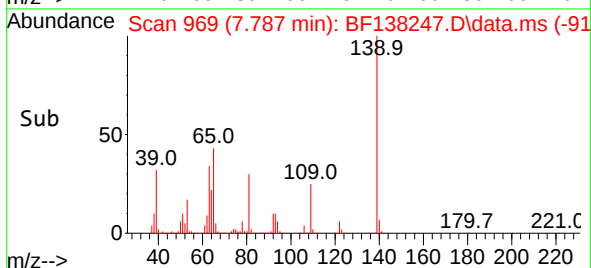
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

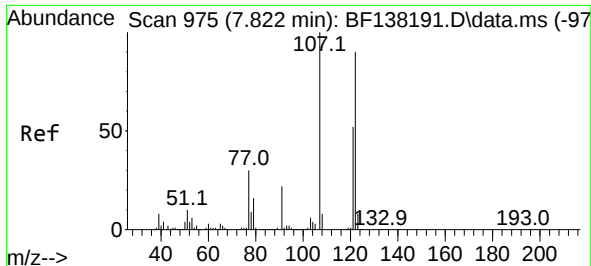


#26
2-Nitrophenol
Concen: 53.315 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49



Tgt Ion:139 Resp: 651014
Ion Ratio Lower Upper
139 100
109 25.4 20.7 31.1
65 42.6 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 46.436 ng m

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

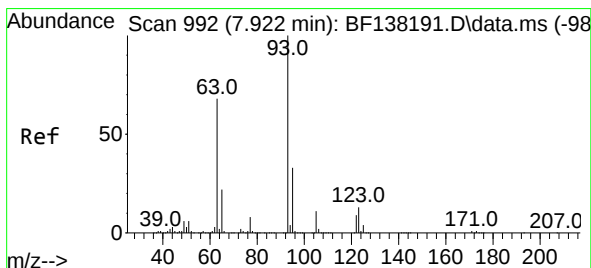
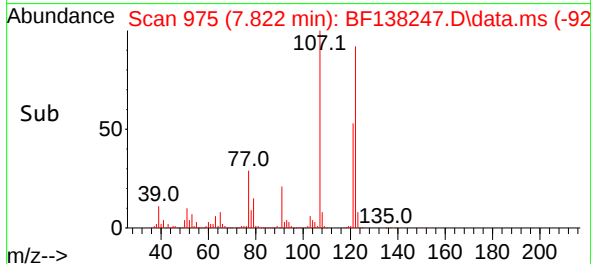
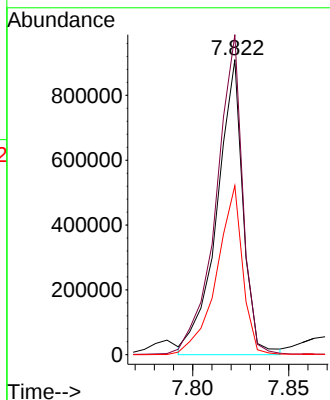
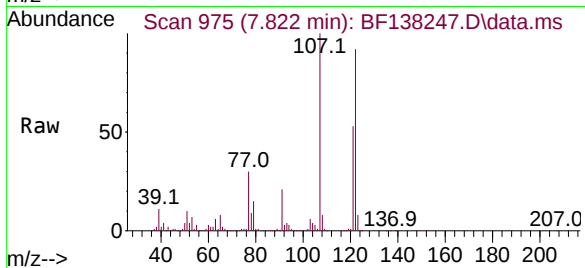
Tgt Ion:122 Resp: 862658

Ion	Ratio	Lower	Upper
122	100		
107	108.4	87.7	131.5
121	57.3	45.8	68.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#28

bis(2-Chloroethoxy)methane

Concen: 42.962 ng

RT: 7.922 min Scan# 992

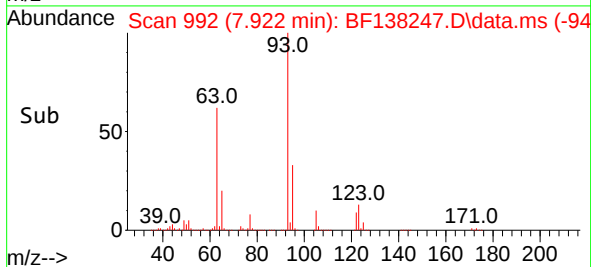
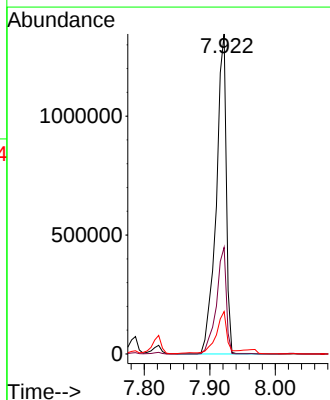
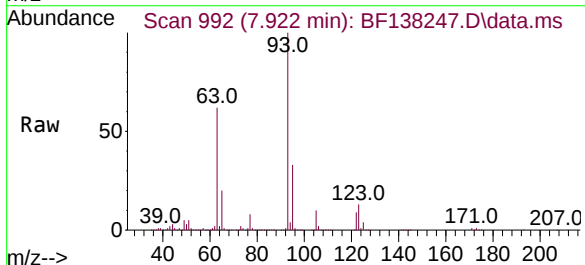
Delta R.T. -0.000 min

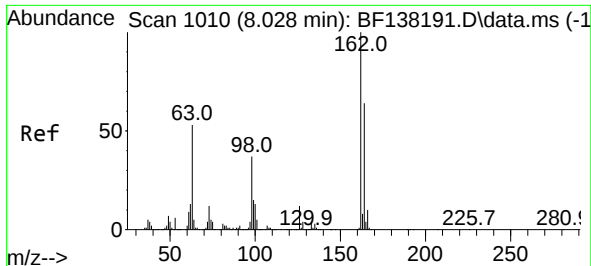
Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

Tgt Ion: 93 Resp: 1429255

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	39.8
123	13.3	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 43.447 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF138247.D

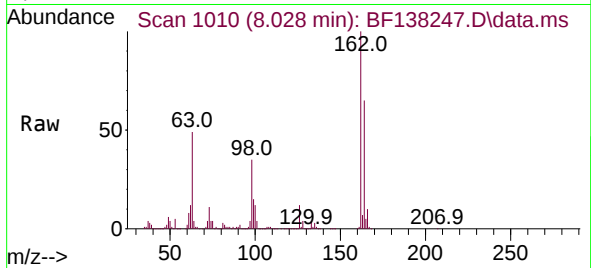
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS



Tgt Ion:162 Resp: 1039130

Ion Ratio Lower Upper

162 100

164 64.8 44.3 84.3

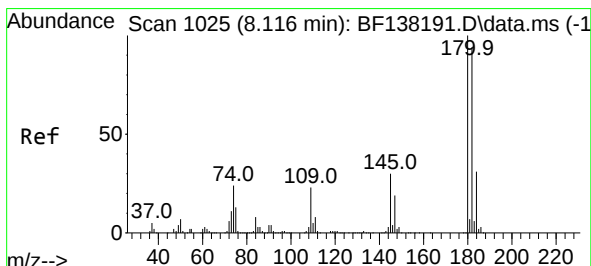
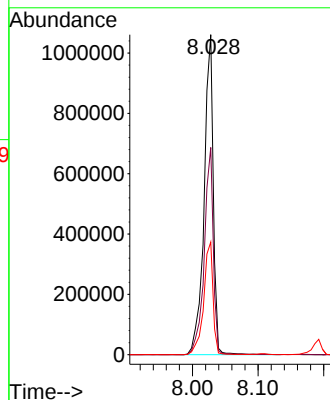
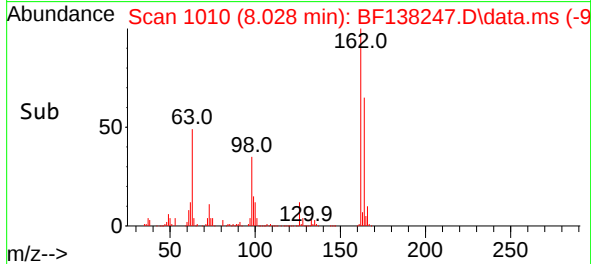
98 35.2 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024

Supervised By :mohammad ahmed 06/21/2024



#30

1,2,4-Trichlorobenzene

Concen: 38.735 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

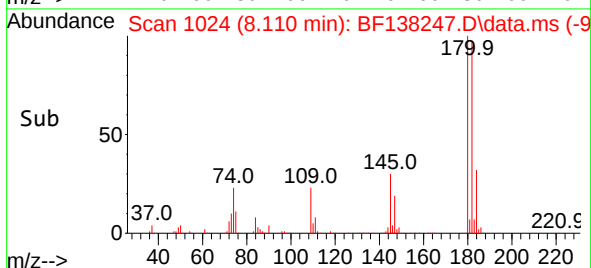
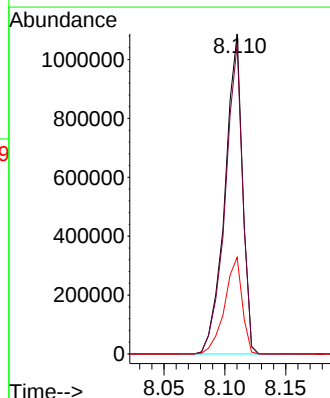
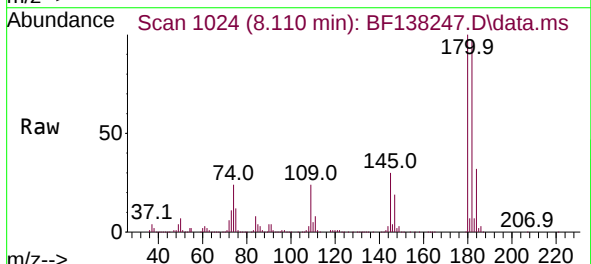
Tgt Ion:180 Resp: 1092566

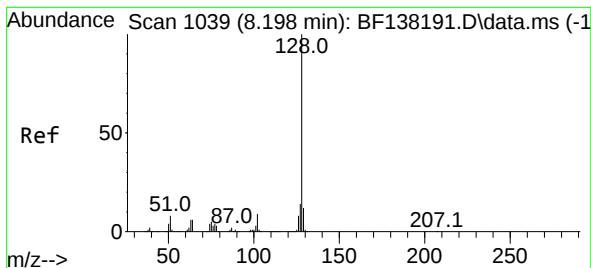
Ion Ratio Lower Upper

180 100

182 96.7 75.0 112.6

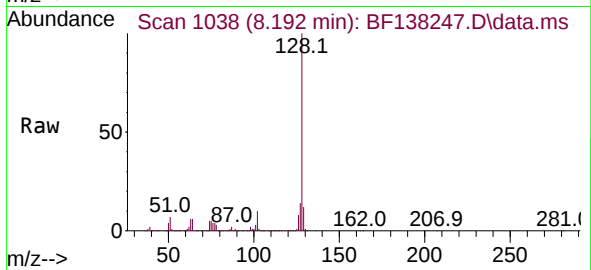
145 30.2 23.8 35.6





#31
Naphthalene
Concen: 38.342 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

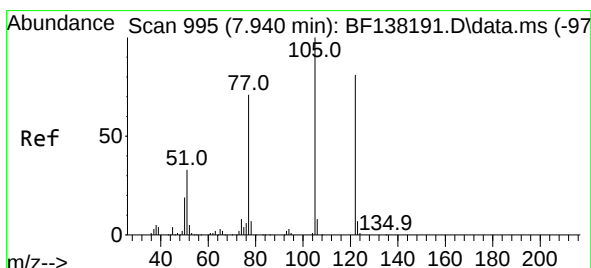
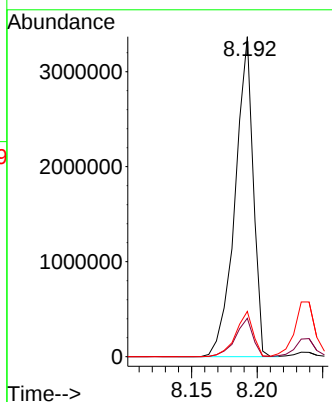
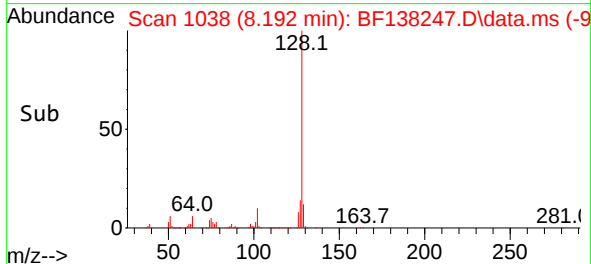
Instrument :
BNA_F
ClientSampleId :
PB161582BS



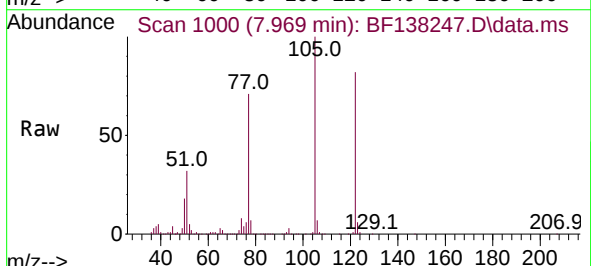
Tgt Ion:128 Resp: 324289
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.2 11.0 16.6

Manual Integrations
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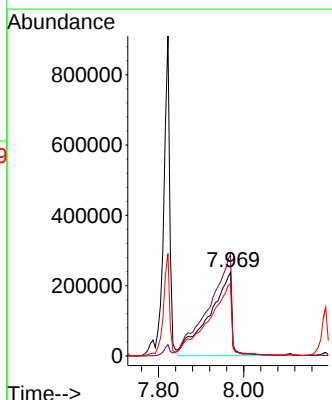
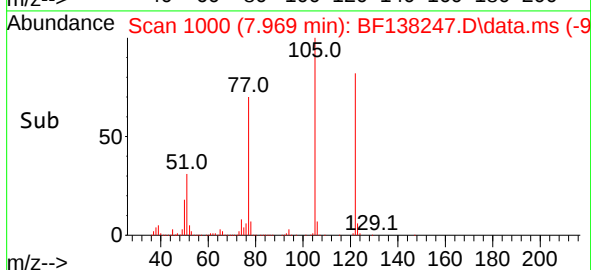
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

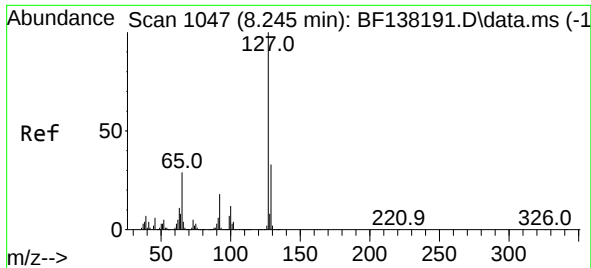


#32
Benzoic acid
Concen: 53.208 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.029 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49



Tgt Ion:122 Resp: 871193
Ion Ratio Lower Upper
122 100
105 121.4 100.1 140.1
77 86.0 66.5 106.5





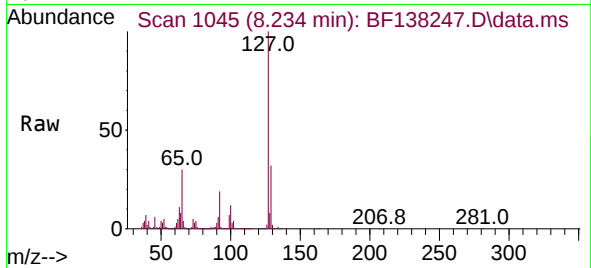
#33
4-Chloroaniline
Concen: 21.111 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

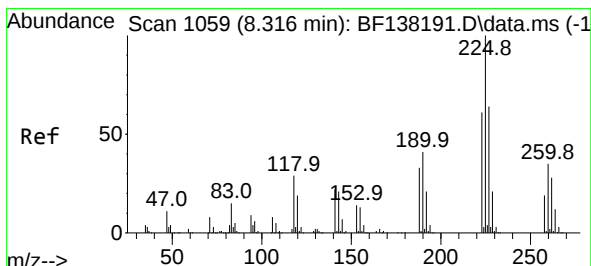
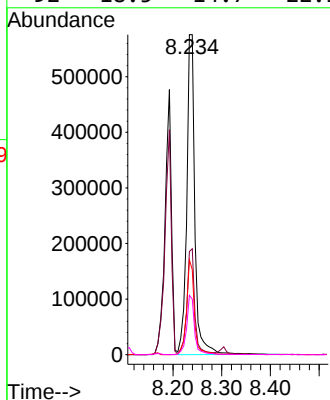
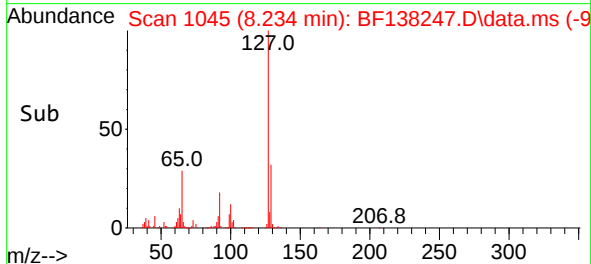


Tgt Ion:127 Resp: 667340
Ion Ratio Lower Upper
127 100
129 32.2 26.1 39.1
65 29.6 23.6 35.4
92 18.5 14.7 22.1

Manual Integrations

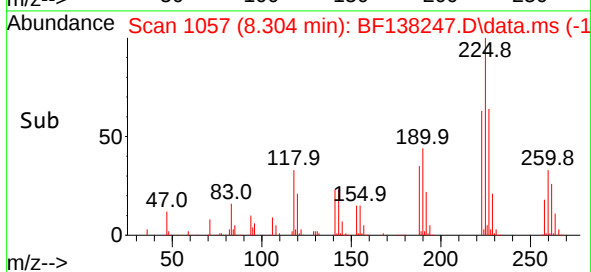
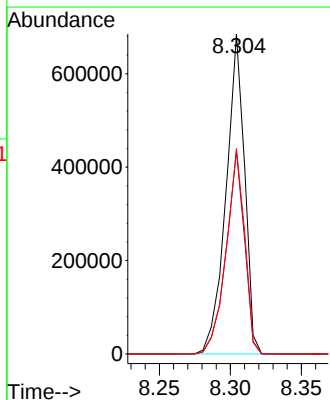
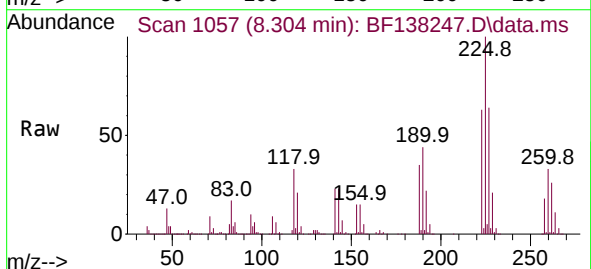
APPROVED

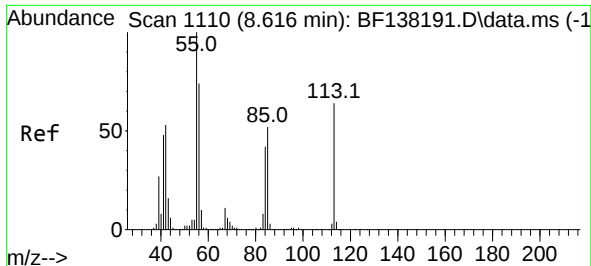
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#34
Hexachlorobutadiene
Concen: 37.759 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

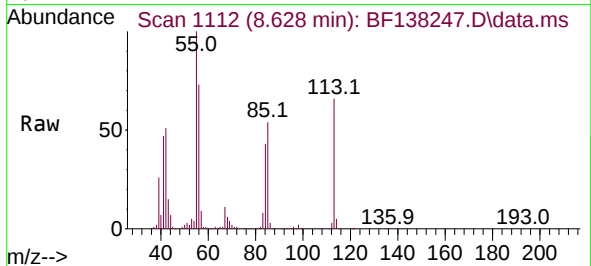
Tgt Ion:225 Resp: 622883
Ion Ratio Lower Upper
225 100
223 63.4 49.0 73.6
227 64.2 51.2 76.8





#35
Caprolactam
Concen: 44.966 ng m
RT: 8.628 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

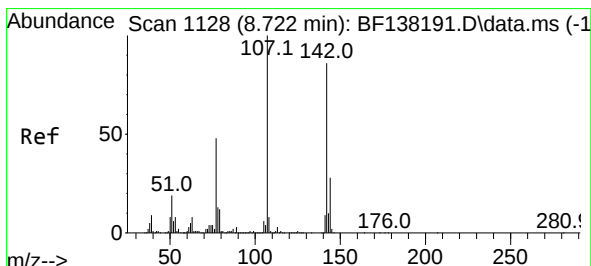
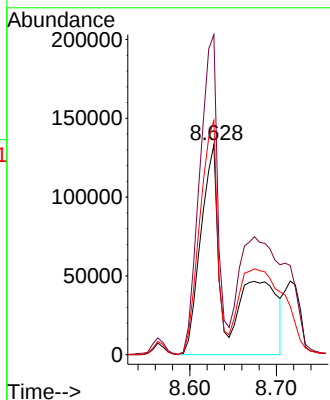
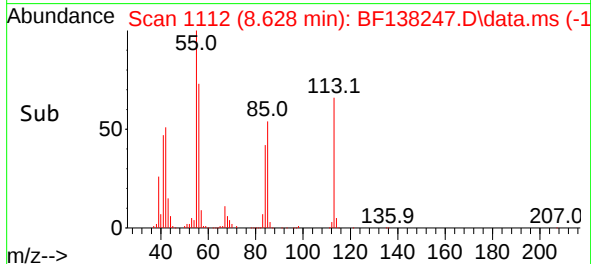
Instrument :
BNA_F
ClientSampleId :
PB161582BS



Tgt Ion:113 Resp: 324680
Ion Ratio Lower Upper
113 100
55 152.4 135.4 175.4
56 111.5 95.5 135.5

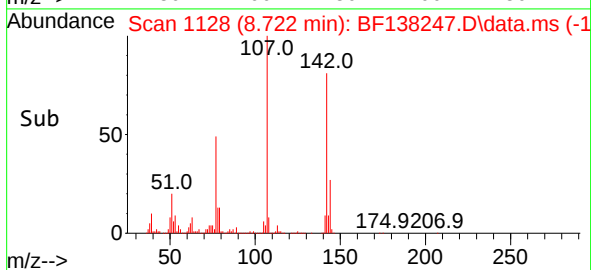
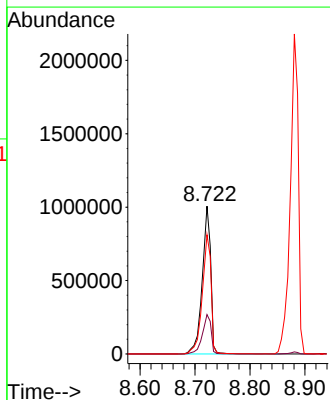
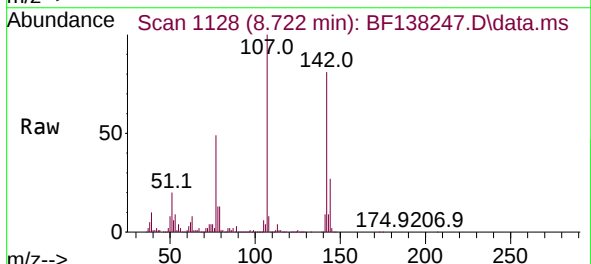
Manual Integrations
APPROVED

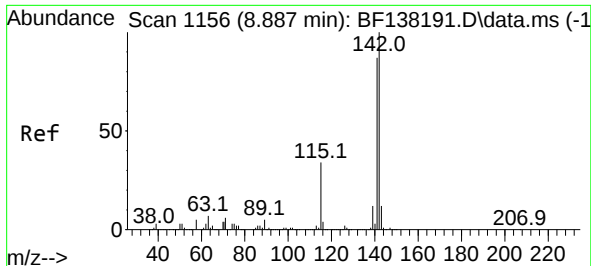
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#36
4-Chloro-3-methylphenol
Concen: 45.661 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Tgt Ion:107 Resp: 1087357
Ion Ratio Lower Upper
107 100
144 26.6 22.6 34.0
142 80.6 69.0 103.4





#37

2-Methylnaphthalene

Concen: 39.998 ng

RT: 8.881 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

Tgt Ion:142 Resp: 2220235

Ion Ratio Lower Upper

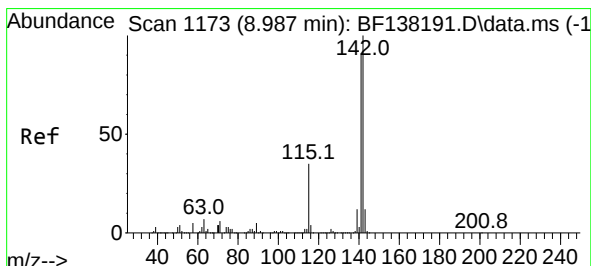
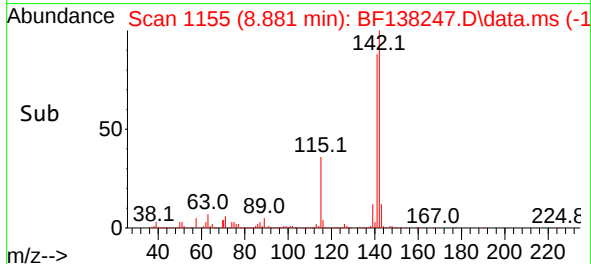
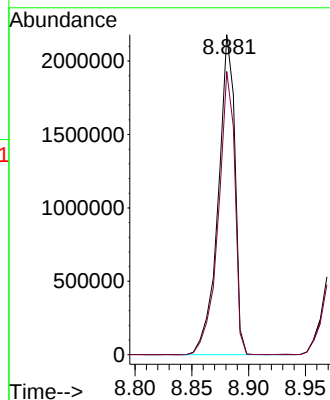
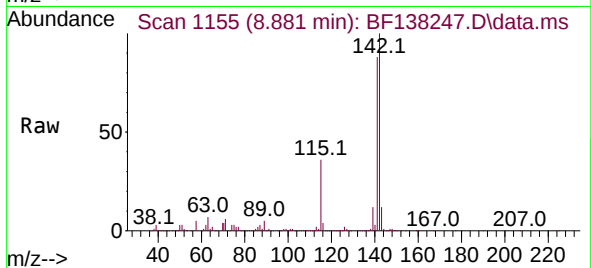
142 100

141 88.5 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#38

1-Methylnaphthalene

Concen: 38.085 ng

RT: 8.981 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF138247.D

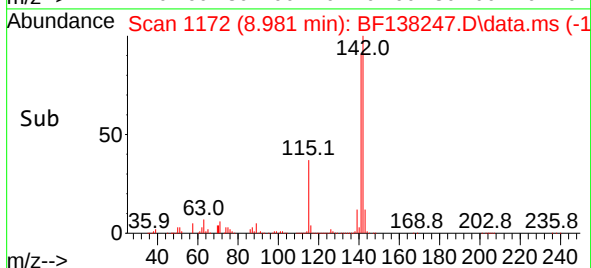
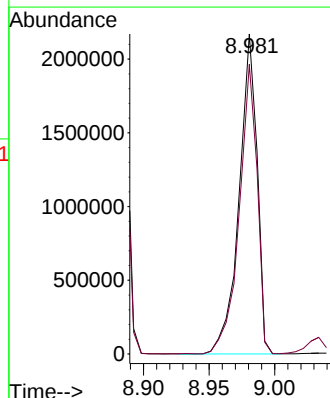
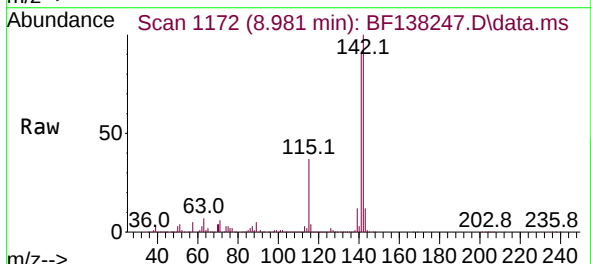
Acq: 19 Jun 2024 15:49

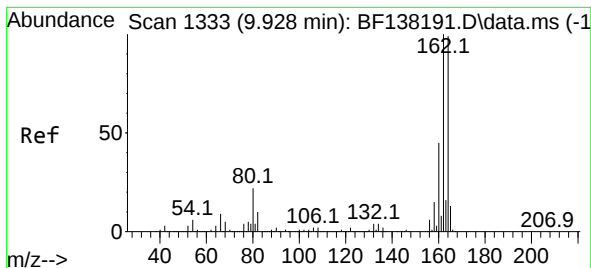
Tgt Ion:142 Resp: 2071667

Ion Ratio Lower Upper

142 100

141 90.5 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: BF138247.D

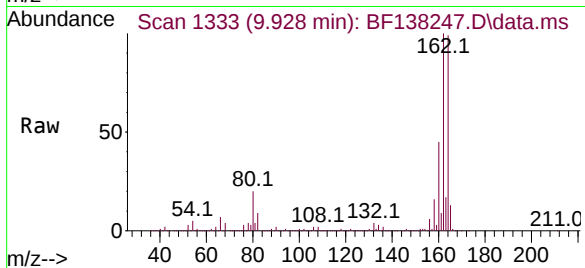
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS



Tgt Ion:164 Resp: 97553

Ion Ratio Lower Upper

164 100

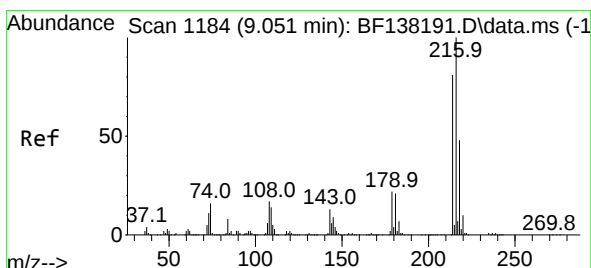
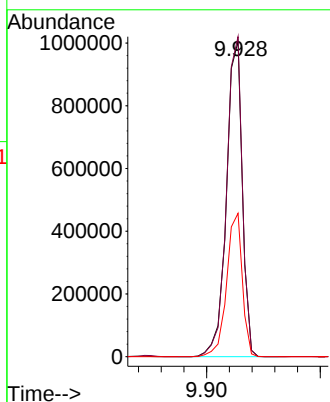
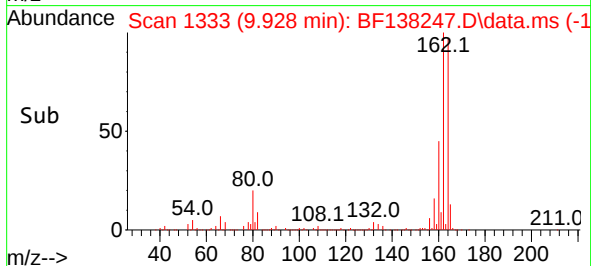
162 101.5 80.6 121.0

160 45.4 36.3 54.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.213 ng

RT: 9.045 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

Tgt Ion:216 Resp: 1089330

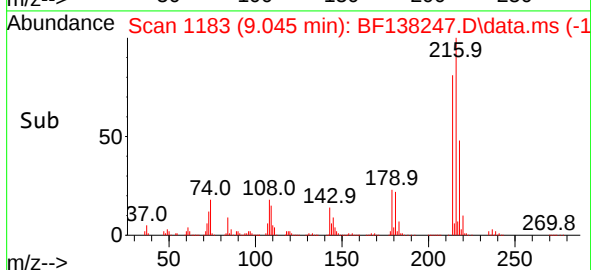
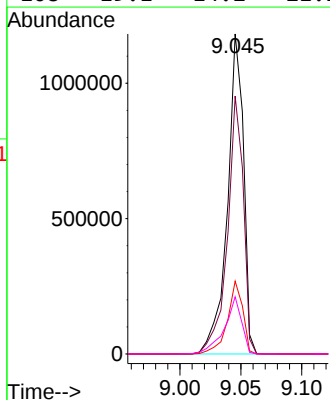
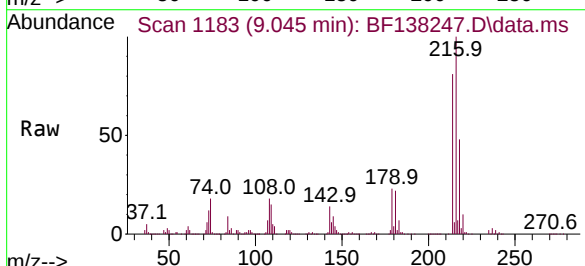
Ion Ratio Lower Upper

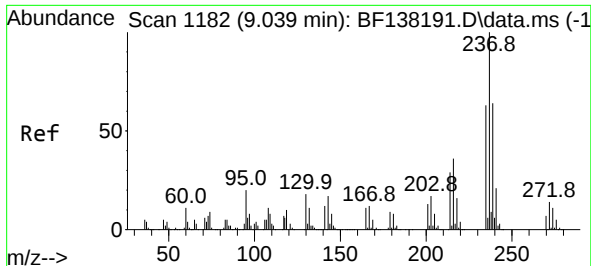
216 100

214 79.3 63.7 95.5

179 21.8 16.9 25.3

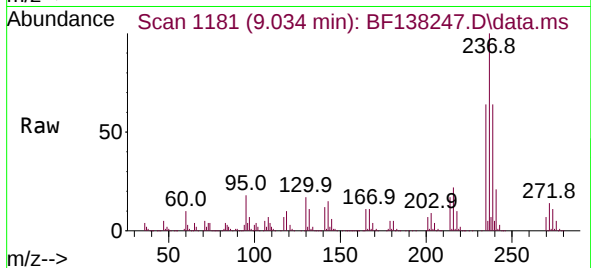
108 19.1 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 96.270 ng
RT: 9.034 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

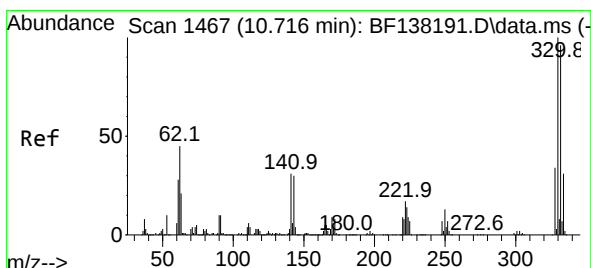
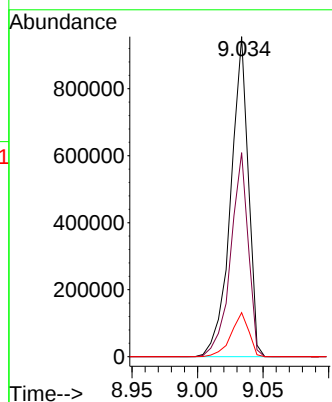
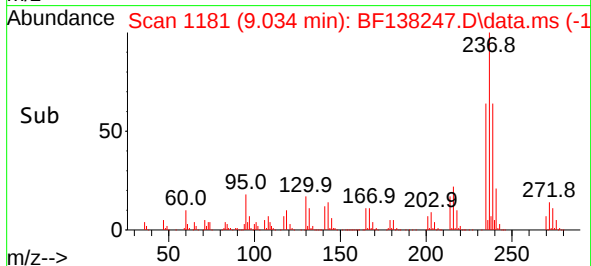
Instrument :
BNA_F
ClientSampleId :
PB161582BS



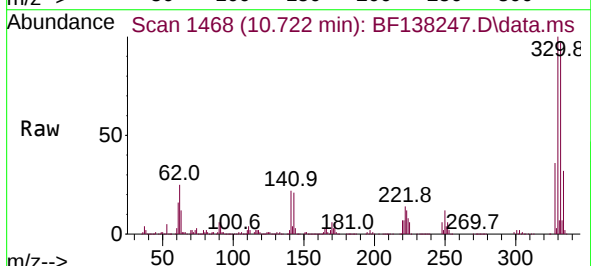
Tgt Ion:237 Resp: 894850
Ion Ratio Lower Upper
237 100
235 63.8 43.3 83.3
272 13.8 0.0 34.0

Manual Integrations
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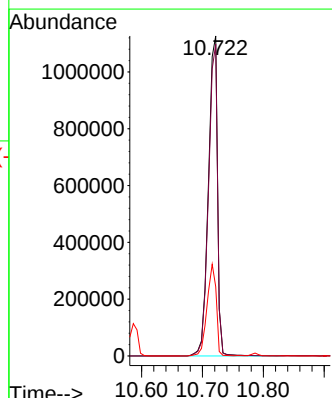
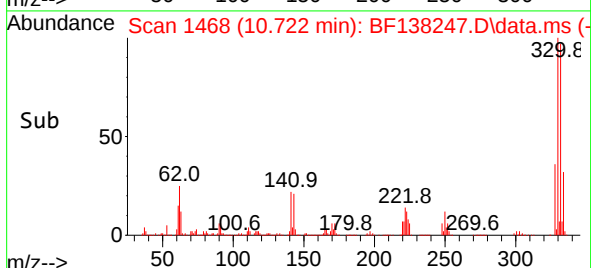
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

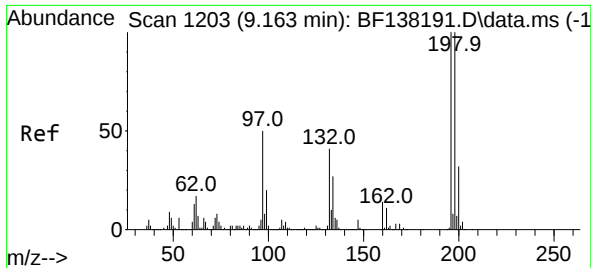


#42
2,4,6-Tribromophenol
Concen: 120.520 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49



Tgt Ion:330 Resp: 1170453
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 29.1 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 44.370 ng
RT: 9.157 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

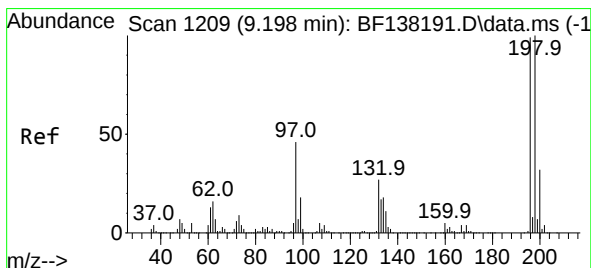
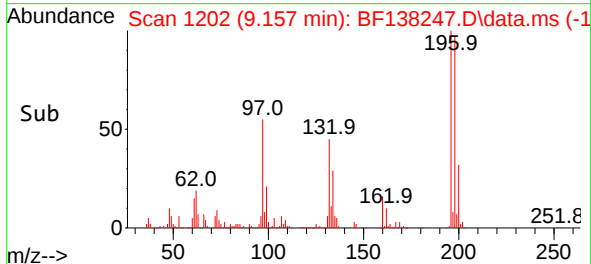
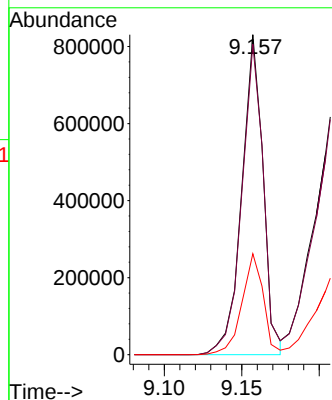
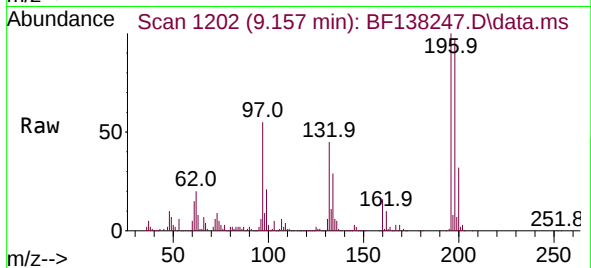
PB161582BS

Tgt Ion:196 Resp: 791988
Ion Ratio Lower Upper
196 100
198 97.0 79.8 119.6
200 31.6 25.9 38.9

Manual Integrations

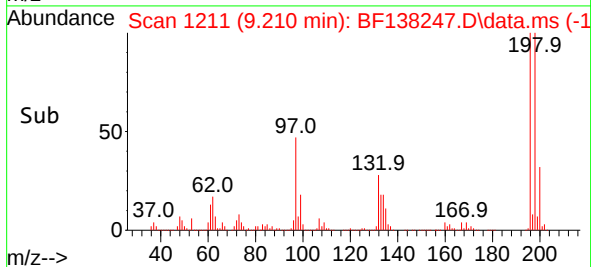
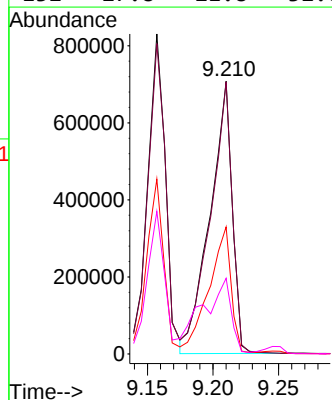
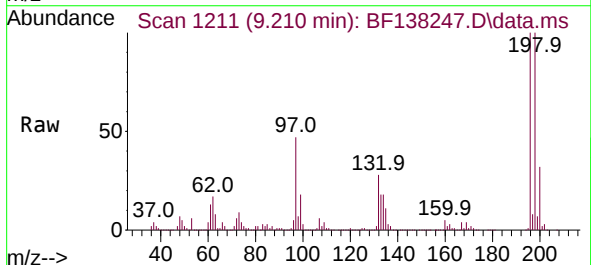
APPROVED

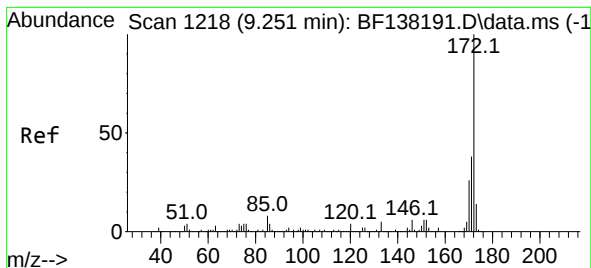
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#44
2,4,5-Trichlorophenol
Concen: 42.553 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.012 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Tgt Ion:196 Resp: 834126
Ion Ratio Lower Upper
196 100
198 99.8 80.4 120.6
97 46.6 37.4 56.2
132 27.8 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 67.532 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

Tgt Ion:172 Resp: 4142992

Ion Ratio Lower Upper

172 100

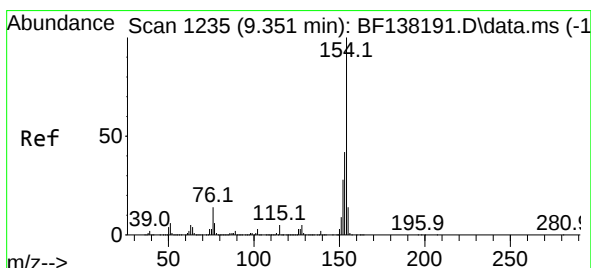
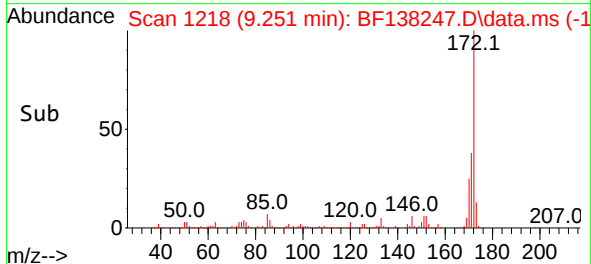
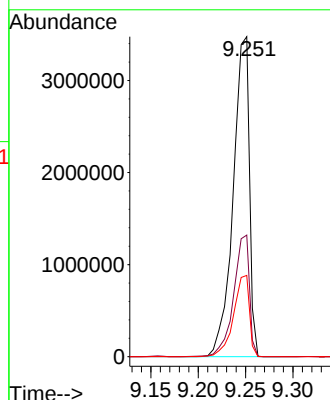
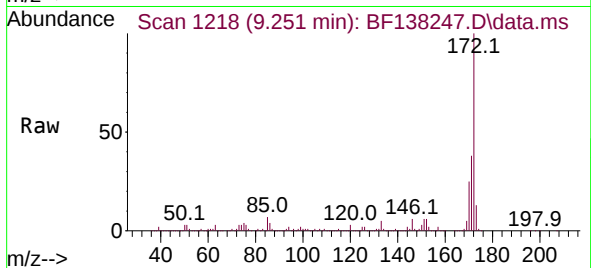
171 38.0 30.3 45.5

170 25.4 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#46

1,1'-Biphenyl

Concen: 37.784 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

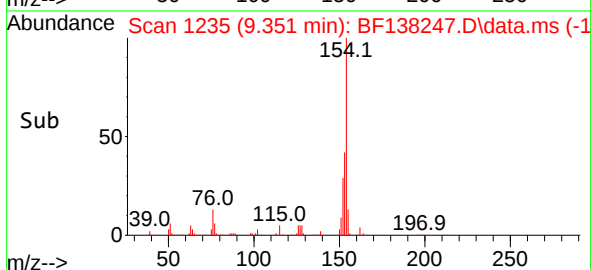
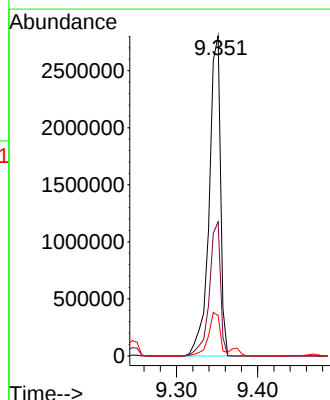
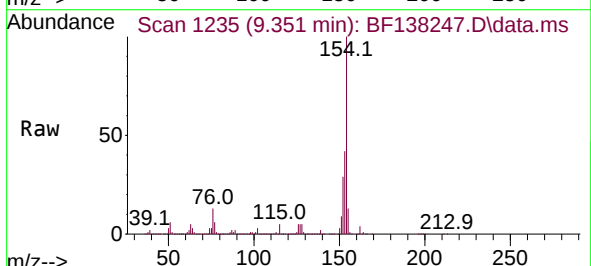
Tgt Ion:154 Resp: 2704739

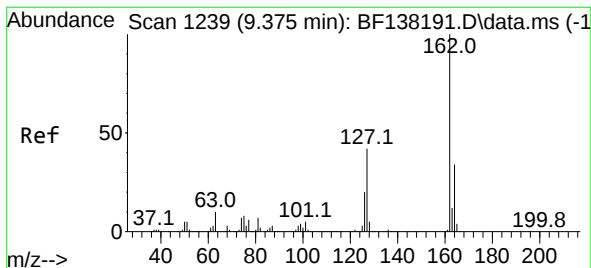
Ion Ratio Lower Upper

154 100

153 41.9 22.1 62.1

76 12.6 0.0 34.3





#47

2-Chloronaphthalene

Concen: 38.102 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

Tgt Ion:162 Resp: 2155540

Ion Ratio Lower Upper

162 100

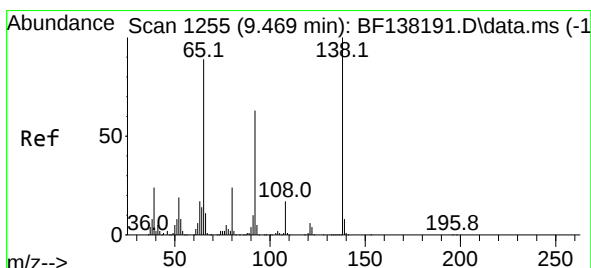
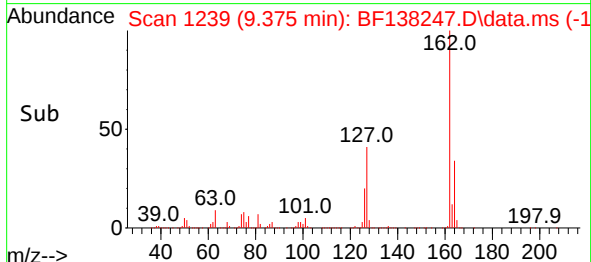
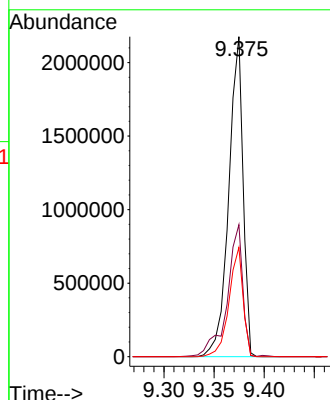
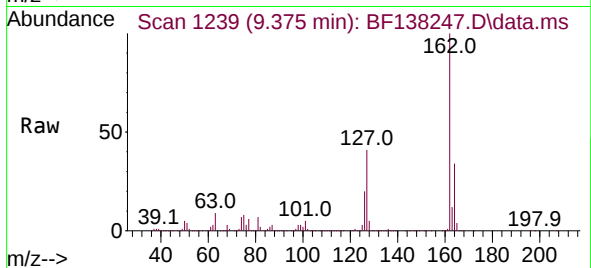
127 41.2 33.6 50.4

164 34.2 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#48

2-Nitroaniline

Concen: 48.064 ng

RT: 9.469 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

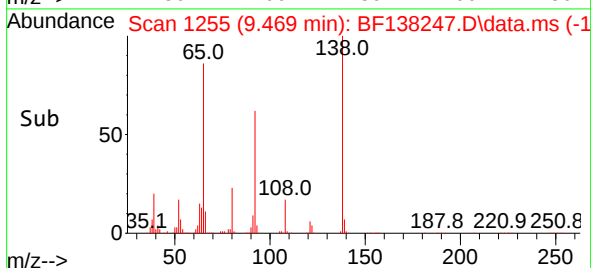
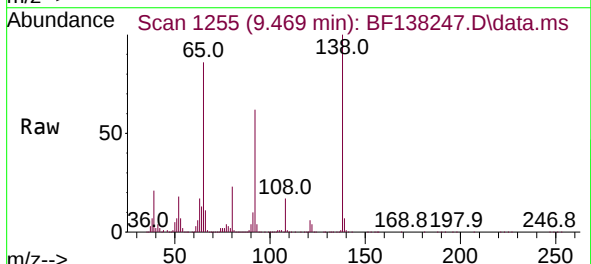
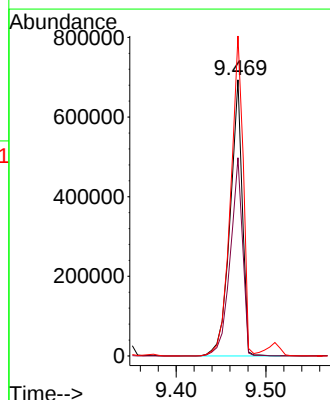
Tgt Ion: 65 Resp: 654832

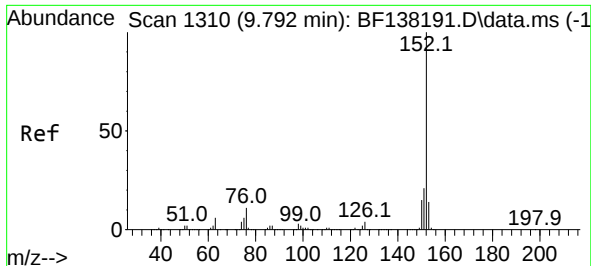
Ion Ratio Lower Upper

65 100

92 71.8 56.6 85.0

138 115.9 90.1 135.1





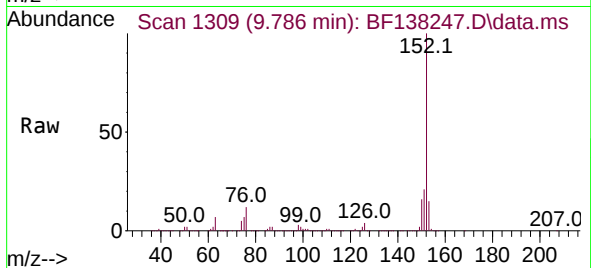
#49
Acenaphthylene
Concen: 40.869 ng
RT: 9.786 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

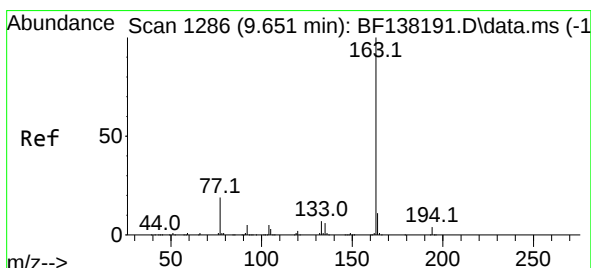
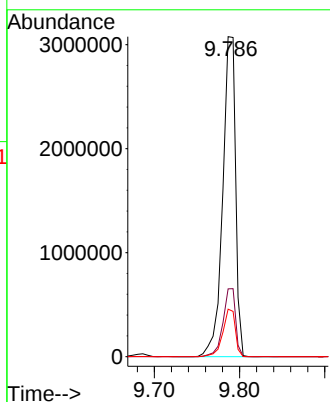
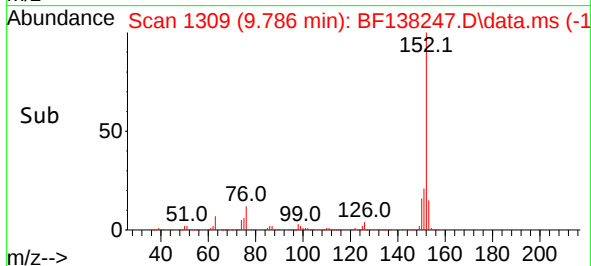


Tgt Ion:152 Resp: 3242079
Ion Ratio Lower Upper
152 100
151 21.2 16.9 25.3
153 14.8 11.4 17.0

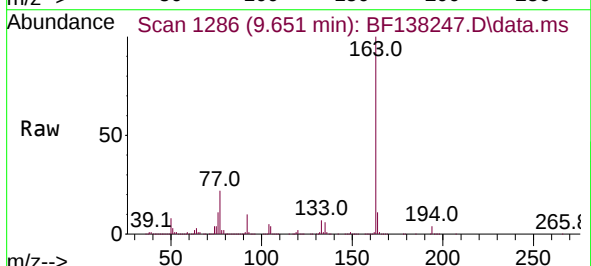
Manual Integrations

APPROVED

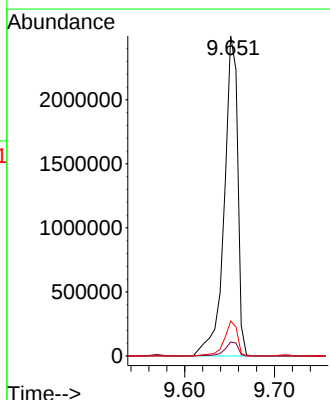
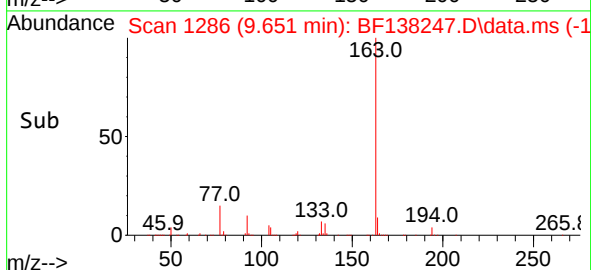
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

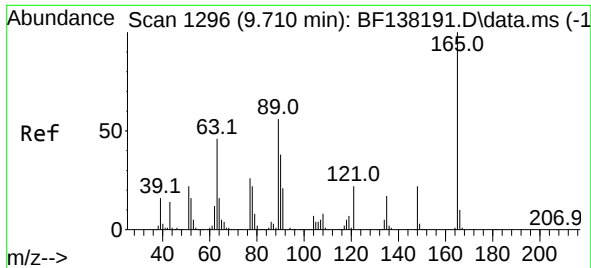


#50
Dimethylphthalate
Concen: 43.462 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49



Tgt Ion:163 Resp: 2597771
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.9 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 47.213 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

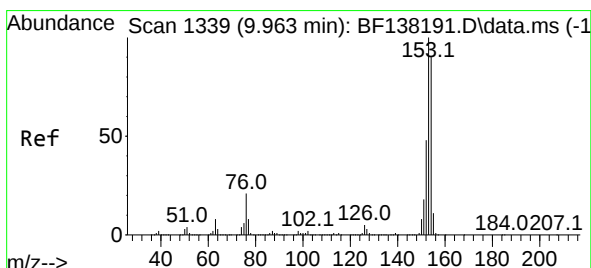
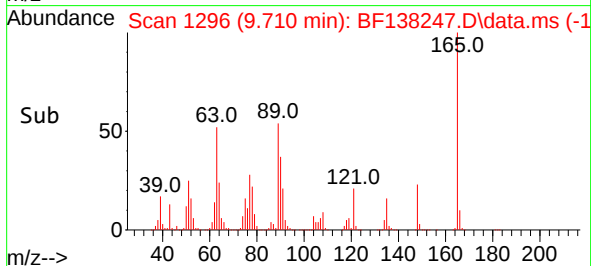
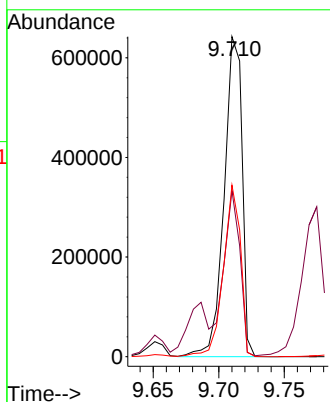
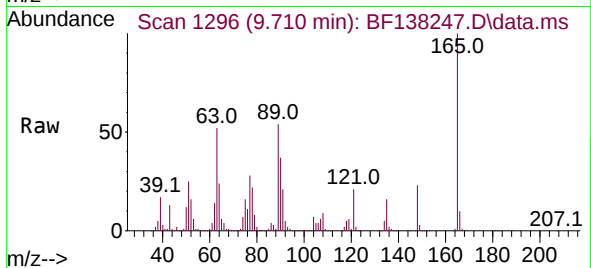
ClientSampleId :

PB161582BS

Tgt Ion:165 Resp: 612209
Ion Ratio Lower Upper
165 100
63 51.9 43.7 65.5
89 53.6 44.9 67.3

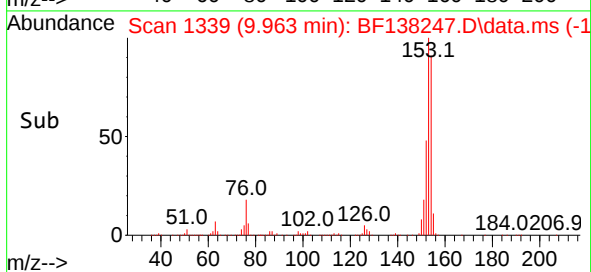
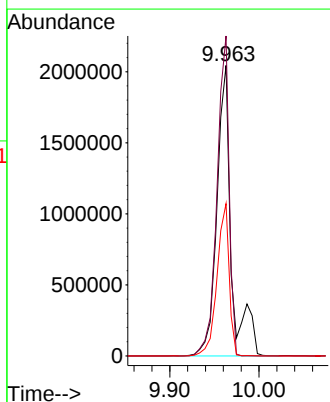
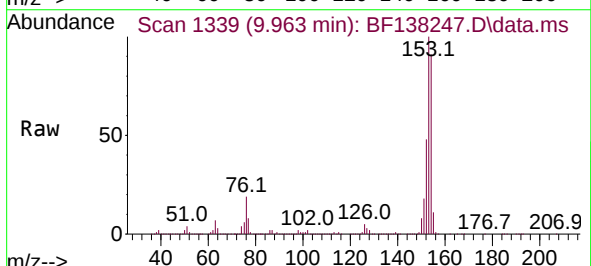
Manual Integrations
APPROVED

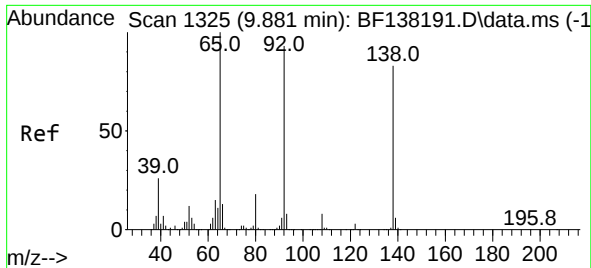
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#52
Acenaphthene
Concen: 42.768 ng m
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Tgt Ion:154 Resp: 2313496
Ion Ratio Lower Upper
154 100
153 110.1 89.1 133.7
152 52.4 42.4 63.6





#53
3-Nitroaniline
Concen: 34.071 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

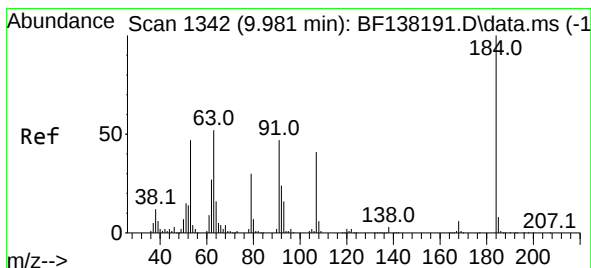
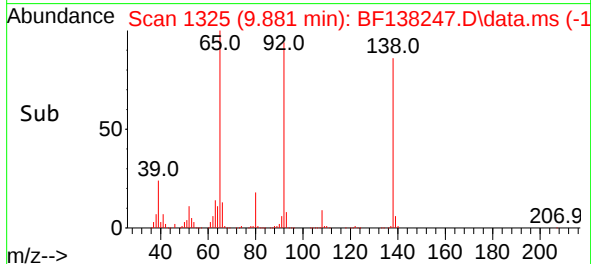
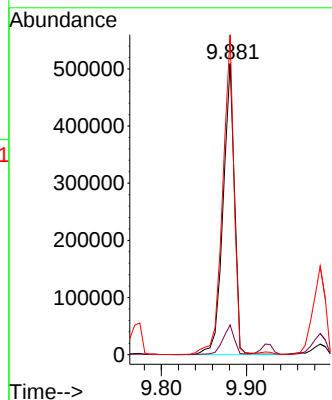
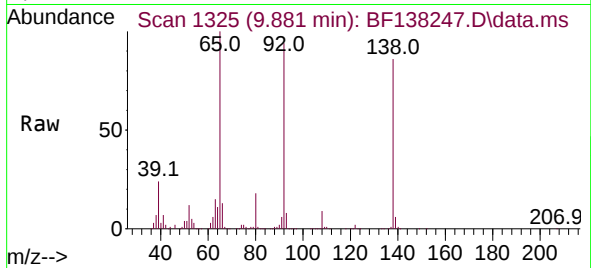
PB161582BS

Tgt Ion:138 Resp: 471972
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 109.9 90.0 135.0

Manual Integrations

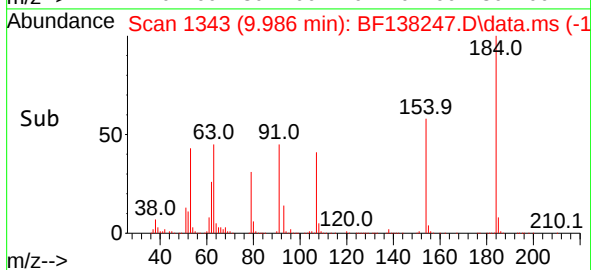
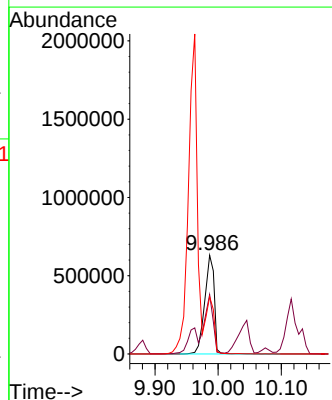
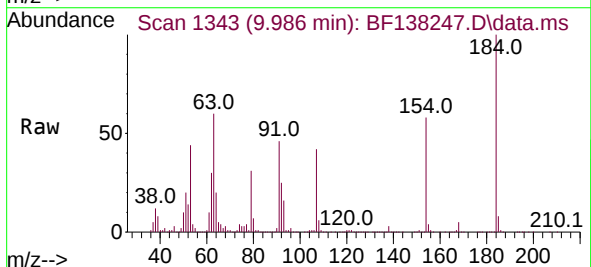
APPROVED

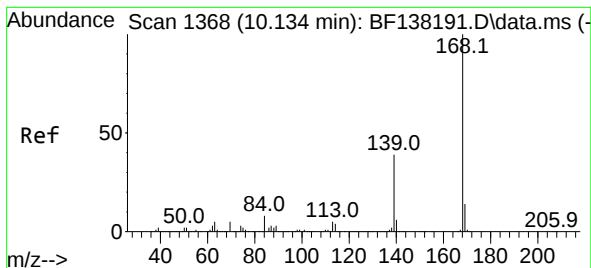
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#54
2,4-Dinitrophenol
Concen: 94.589 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

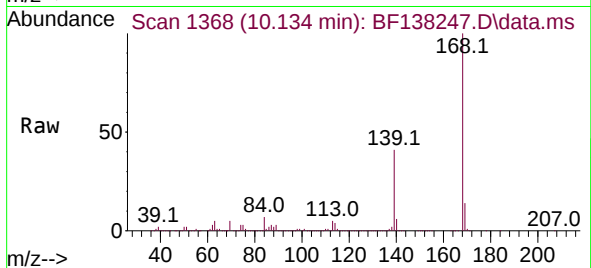
Tgt Ion:184 Resp: 666815
Ion Ratio Lower Upper
184 100
63 60.2 49.2 73.8
154 58.0 46.7 70.1





#55
Dibenzenofuran
Concen: 38.680 ng
RT: 10.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

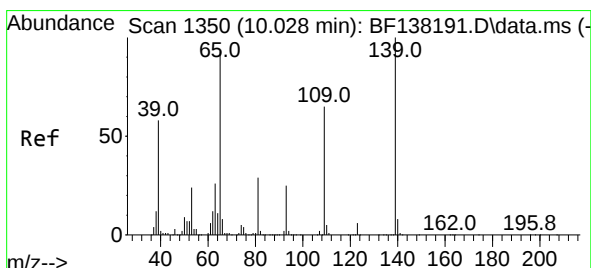
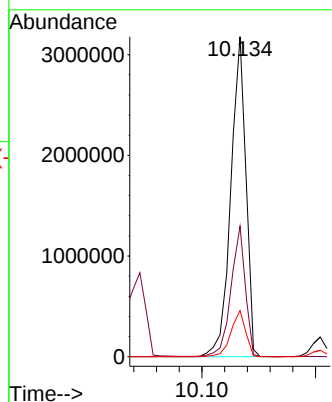
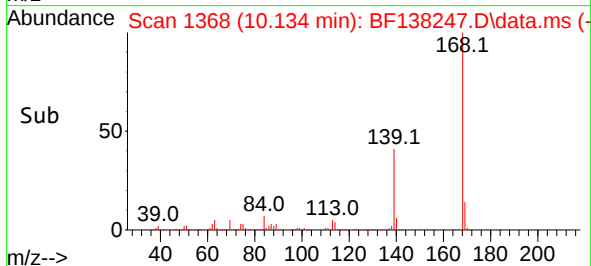
Instrument :
BNA_F
ClientSampleId :
PB161582BS



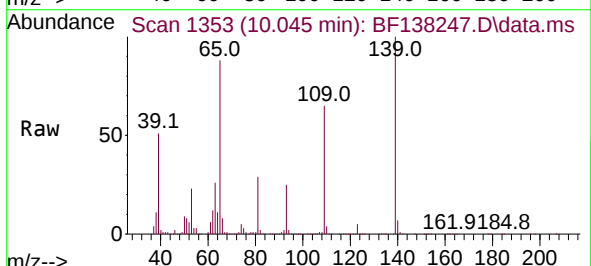
Tgt Ion:168 Resp: 292499
Ion Ratio Lower Upper
168 100
139 40.8 31.0 46.4
169 14.4 11.4 17.0

Manual Integrations
APPROVED

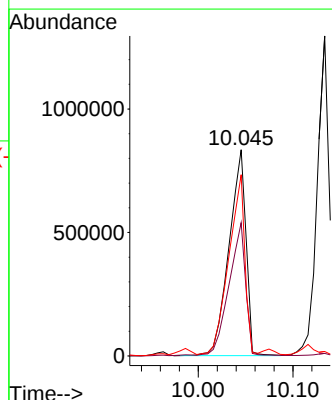
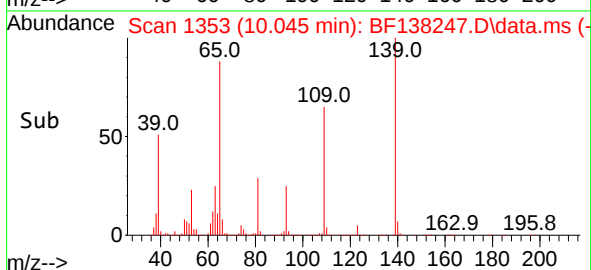
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

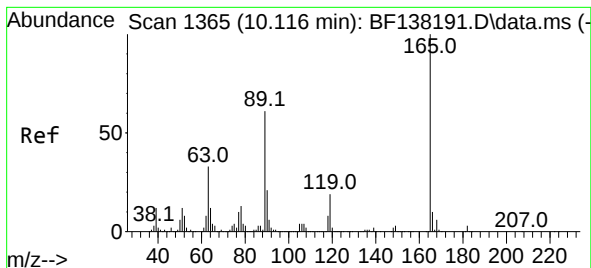


#56
4-Nitrophenol
Concen: 94.614 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49



Tgt Ion:139 Resp: 1035736
Ion Ratio Lower Upper
139 100
109 64.6 44.6 84.6
65 87.9 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 49.968 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

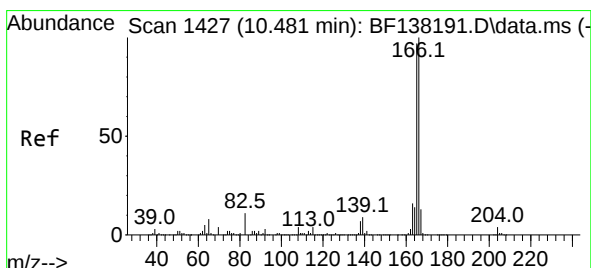
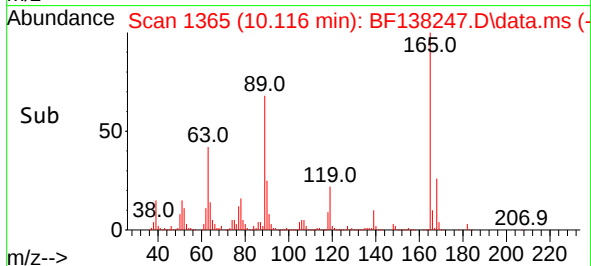
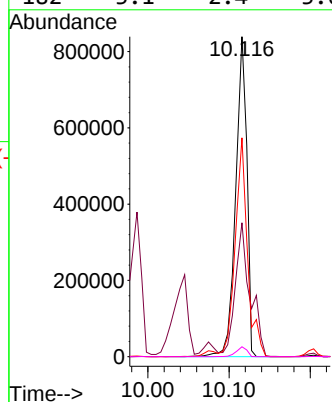
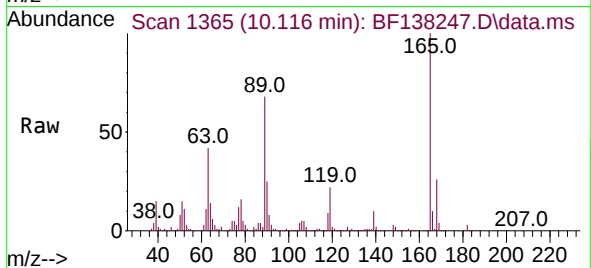
PB161582BS

Tgt Ion:165 Resp: 799152
Ion Ratio Lower Upper
165 100
63 41.9 26.6 39.8
89 68.4 48.7 73.1
182 3.1 2.4 3.6

Manual Integrations

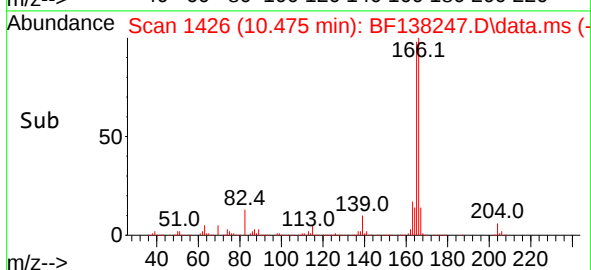
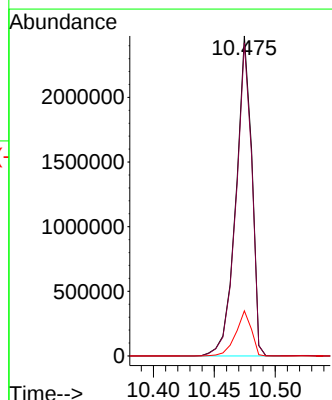
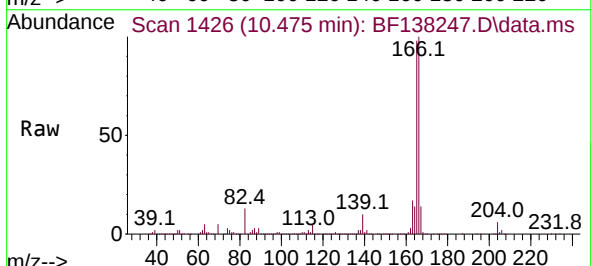
APPROVED

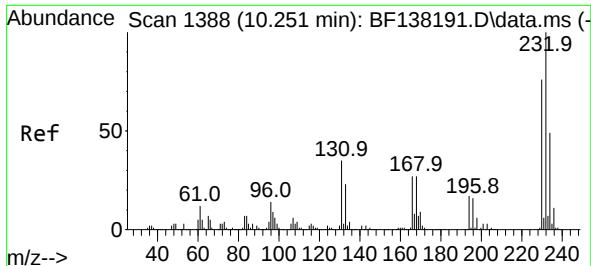
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#58
Fluorene
Concen: 37.481 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

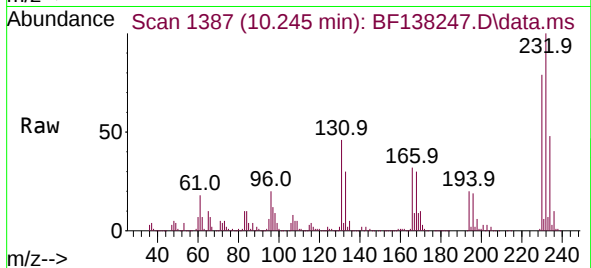
Tgt Ion:166 Resp: 2228476
Ion Ratio Lower Upper
166 100
165 97.9 77.9 116.9
167 14.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.136 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

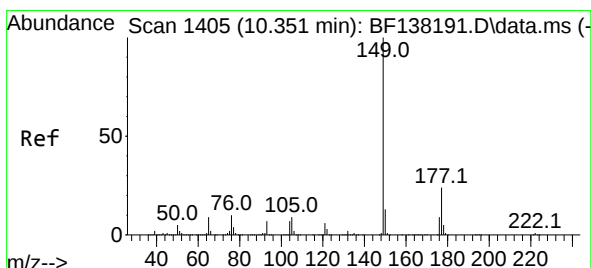
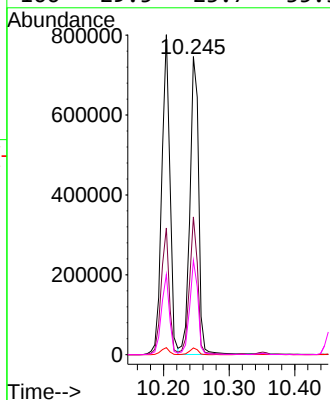
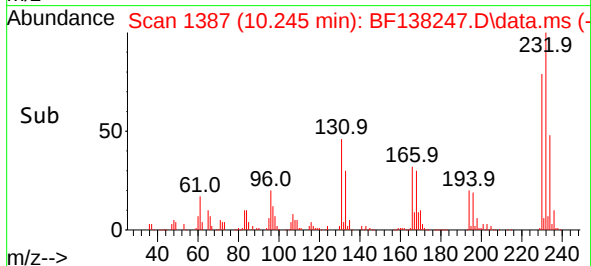
Instrument :
BNA_F
ClientSampleId :
PB161582BS



Tgt Ion:232 Resp: 69145
Ion Ratio Lower Upper
232 100
131 43.1 33.6 50.4
130 2.2 1.7 2.5
166 29.5 23.7 35.5

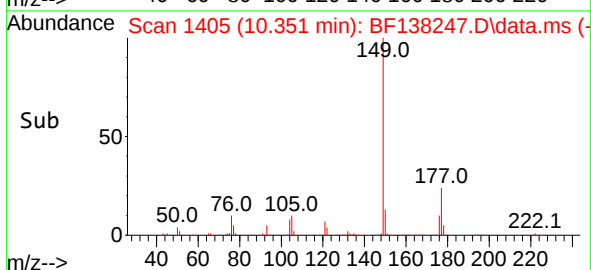
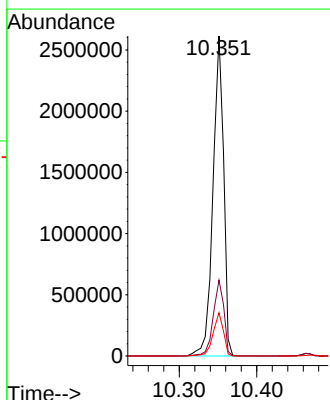
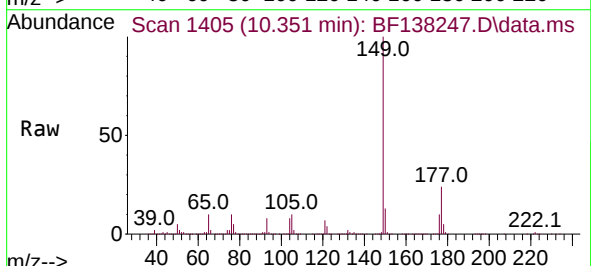
Manual Integrations
APPROVED

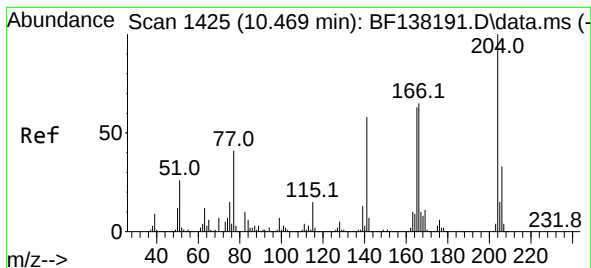
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#60
Diethylphthalate
Concen: 43.909 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Tgt Ion:149 Resp: 2490881
Ion Ratio Lower Upper
149 100
177 23.7 19.4 29.0
150 13.5 10.2 15.4





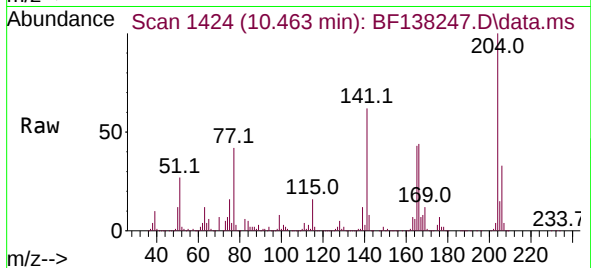
#61
4-Chlorophenyl-phenylether
Concen: 38.941 ng
RT: 10.463 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

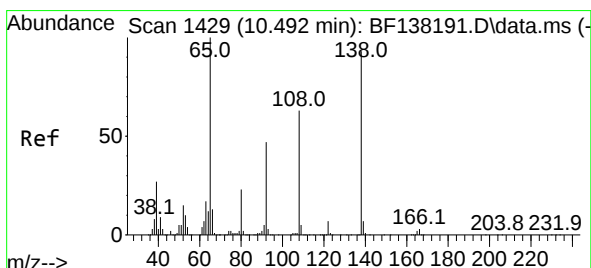
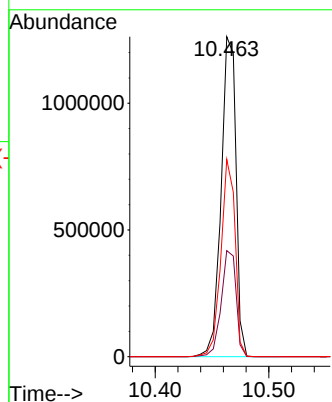
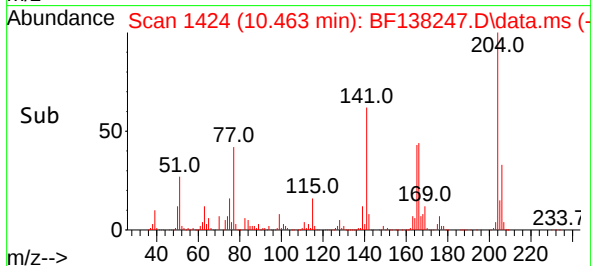


Tgt Ion:204 Resp: 1153086
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 61.6 46.3 69.5

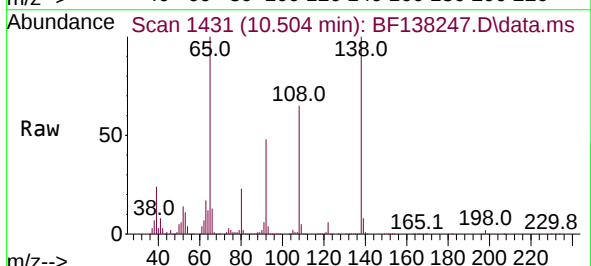
Manual Integrations

APPROVED

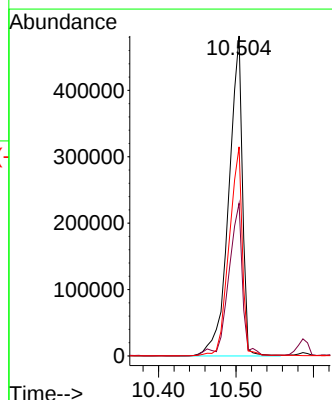
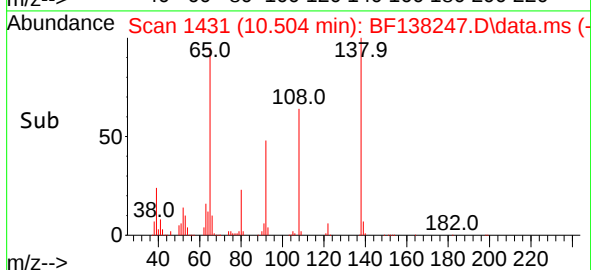
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

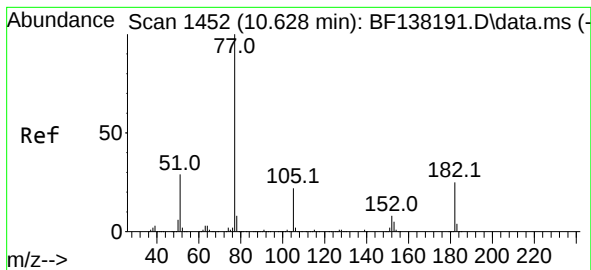


#62
4-Nitroaniline
Concen: 42.691 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49



Tgt Ion:138 Resp: 590866
Ion Ratio Lower Upper
138 100
92 47.7 30.9 70.9
108 65.3 47.8 87.8





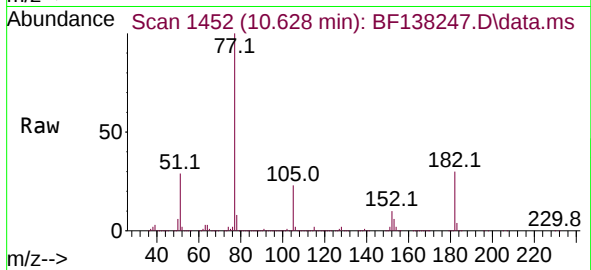
#63
Azobenzene
Concen: 41.433 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

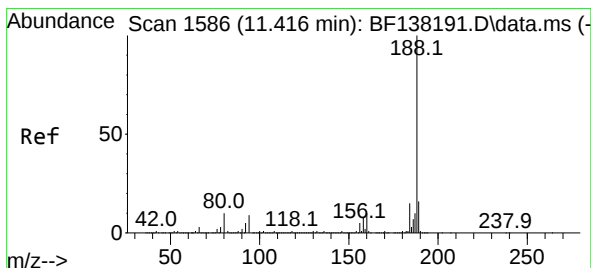
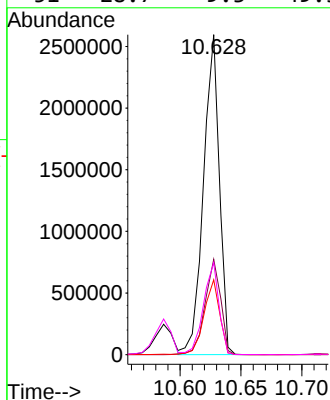
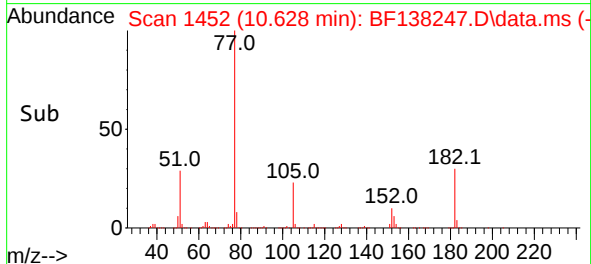


Tgt Ion: 77 Resp: 235480
Ion Ratio Lower Upper
77 100
182 29.8 5.5 45.5
105 23.4 1.8 41.8
51 28.7 9.3 49.3

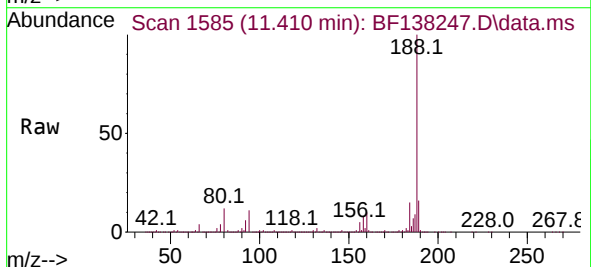
Manual Integrations

APPROVED

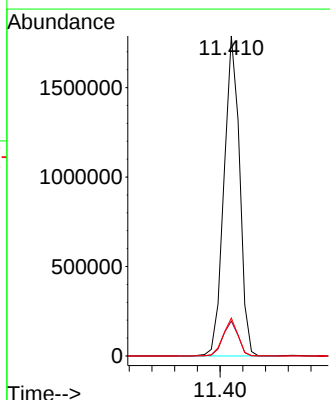
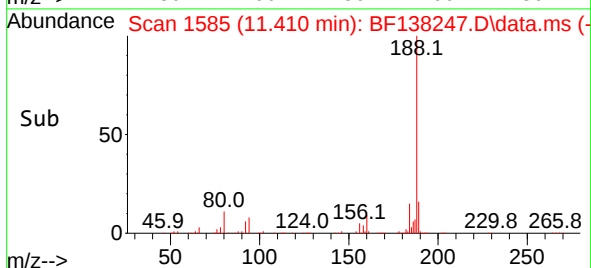
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49



Tgt Ion:188 Resp: 1710523
Ion Ratio Lower Upper
188 100
94 10.9 7.6 11.4
80 11.9 8.1 12.1





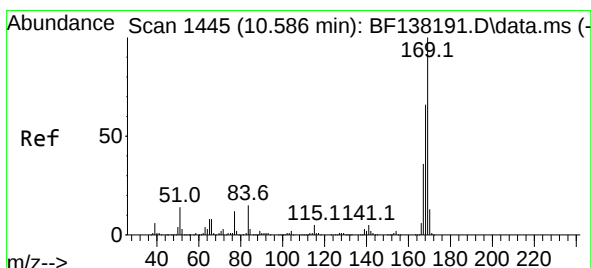
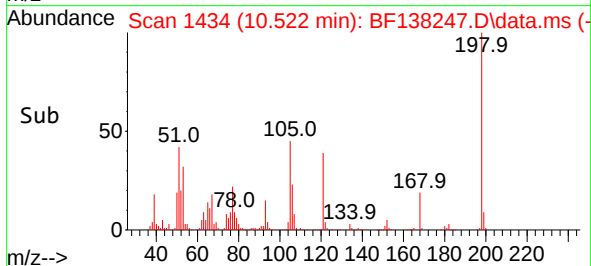
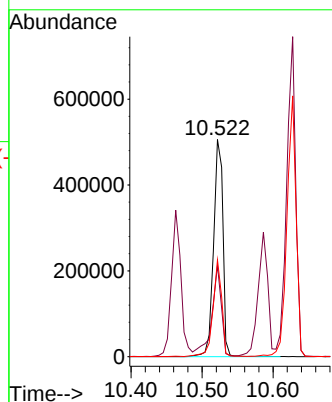
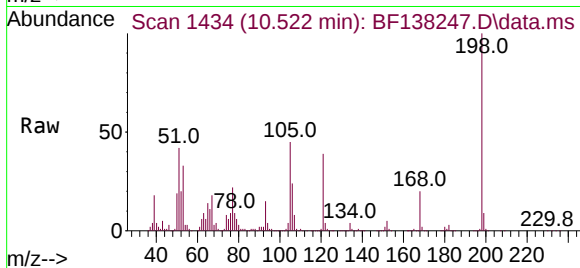
#65
4,6-Dinitro-2-methylphenol
Concen: 52.371 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :
BNA_F
ClientSampleId :
PB161582BS

Tgt Ion:198 Resp: 462912
Ion Ratio Lower Upper
198 100
51 42.0 26.9 66.9
105 44.6 26.0 66.0

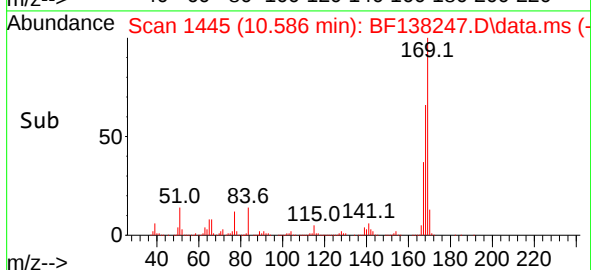
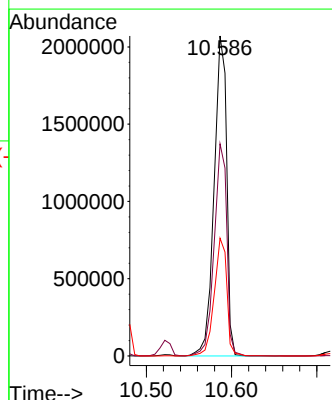
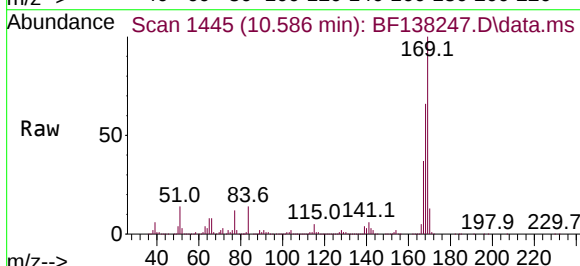
Manual Integrations
APPROVED

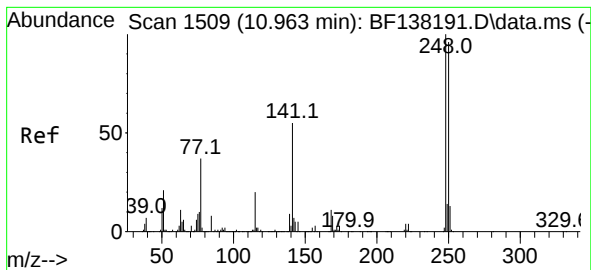
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#66
n-Nitrosodiphenylamine
Concen: 40.450 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Tgt Ion:169 Resp: 2118302
Ion Ratio Lower Upper
169 100
168 66.3 52.9 79.3
167 36.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 41.303 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

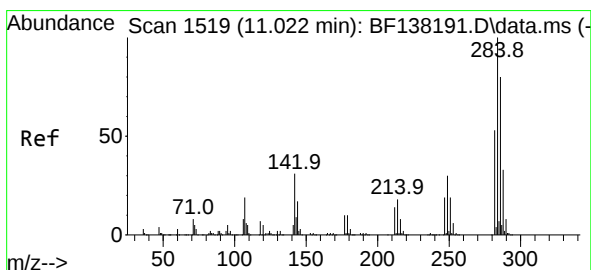
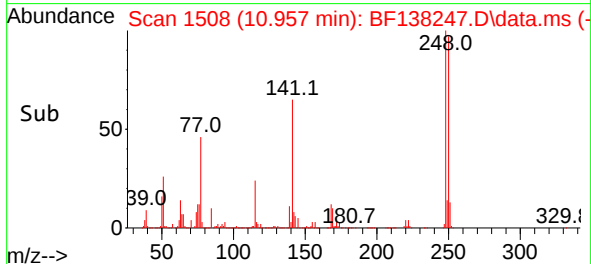
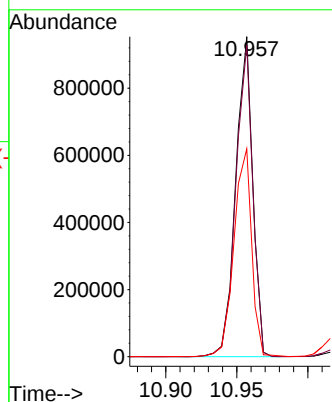
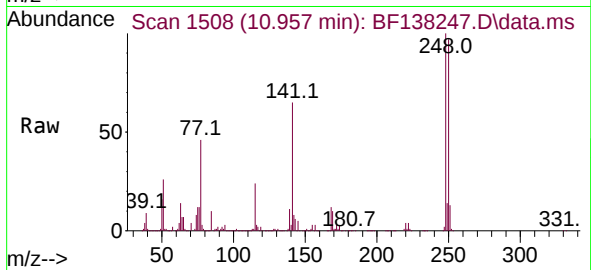
PB161582BS

Tgt Ion:248 Resp: 796090
Ion Ratio Lower Upper
248 100
250 97.4 77.2 115.8
141 64.9 44.1 66.1

Manual Integrations

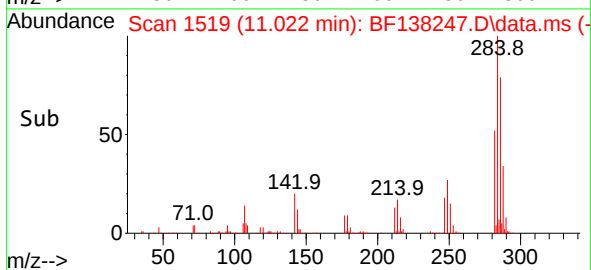
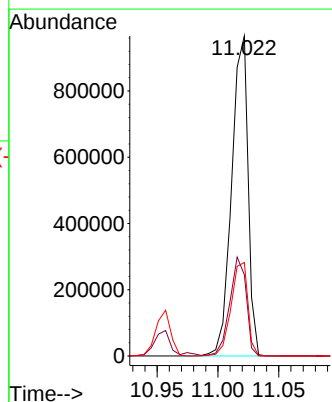
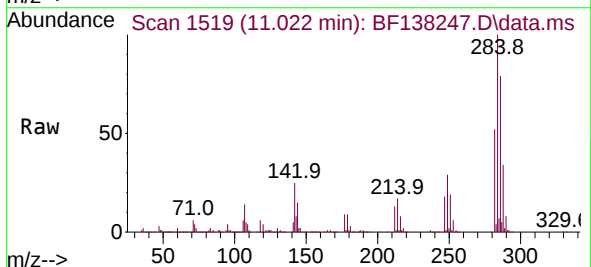
APPROVED

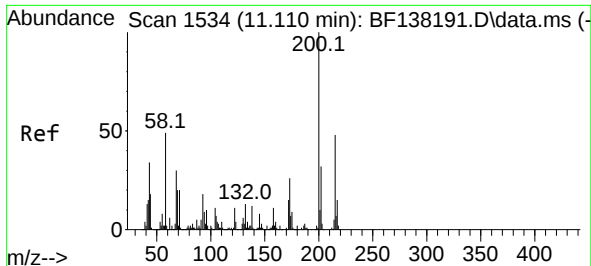
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#68
Hexachlorobenzene
Concen: 40.212 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

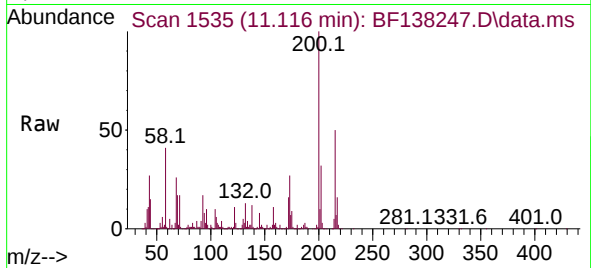
Tgt Ion:284 Resp: 904520
Ion Ratio Lower Upper
284 100
142 25.4 24.8 37.2
249 29.2 23.8 35.6





#69
 Atrazine
 Concen: 46.644 ng
 RT: 11.116 min Scan# 1535
 Delta R.T. 0.006 min
 Lab File: BF138247.D
 Acq: 19 Jun 2024 15:49

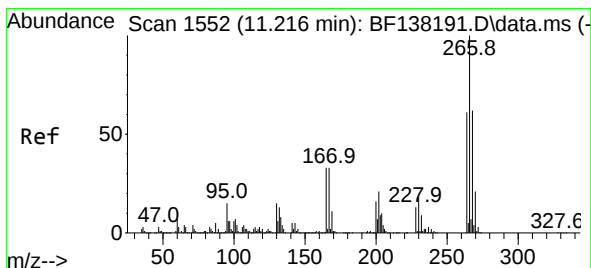
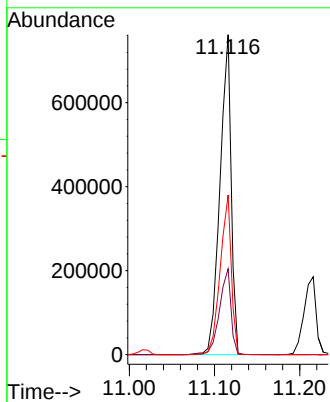
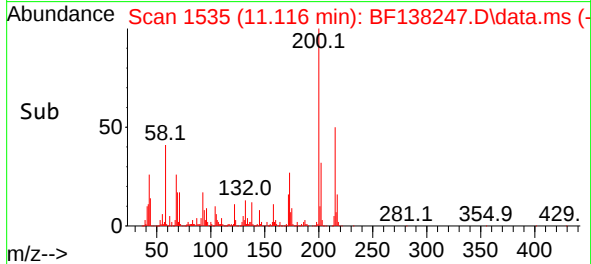
Instrument :
 BNA_F
 ClientSampleId :
 PB161582BS



Tgt Ion:200 Resp: 69574
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.3 46.3
 215 49.9 28.0 68.0

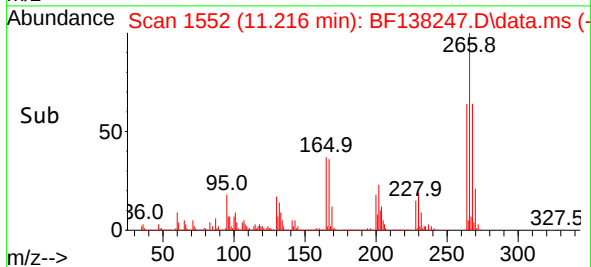
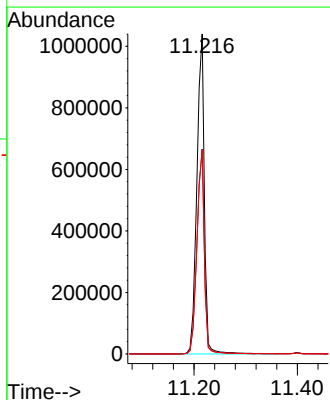
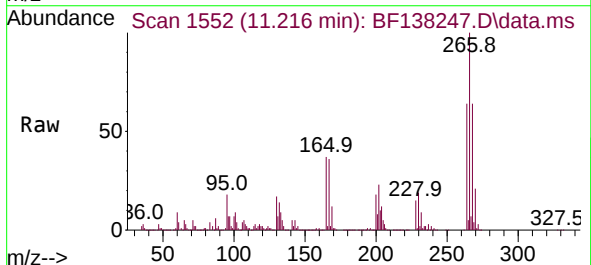
Manual Integrations
 APPROVED

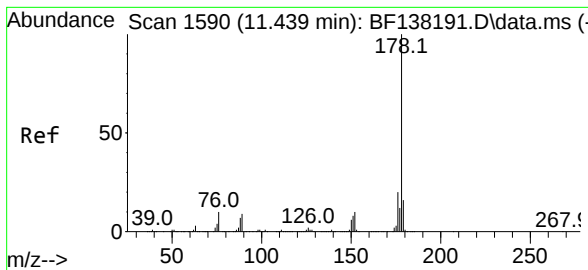
Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024



#70
 Pentachlorophenol
 Concen: 79.570 ng
 RT: 11.216 min Scan# 1552
 Delta R.T. -0.000 min
 Lab File: BF138247.D
 Acq: 19 Jun 2024 15:49

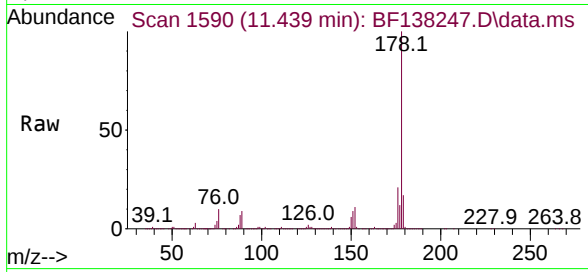
Tgt Ion:266 Resp: 1043829
 Ion Ratio Lower Upper
 266 100
 268 64.1 49.5 74.3
 264 63.8 49.2 73.8





#71
Phenanthrene
Concen: 38.934 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

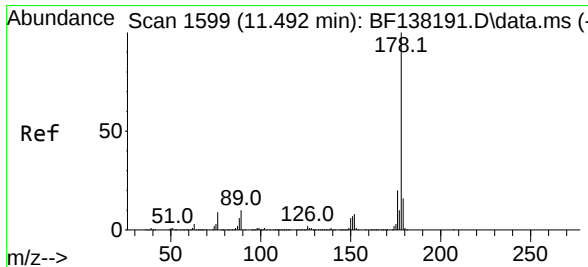
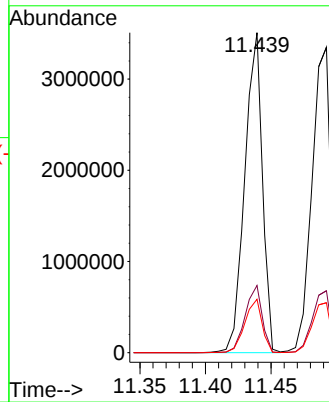
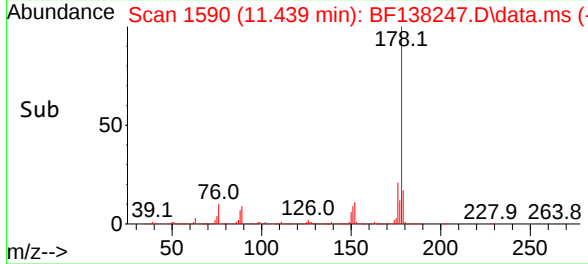
Instrument :
BNA_F
ClientSampleId :
PB161582BS



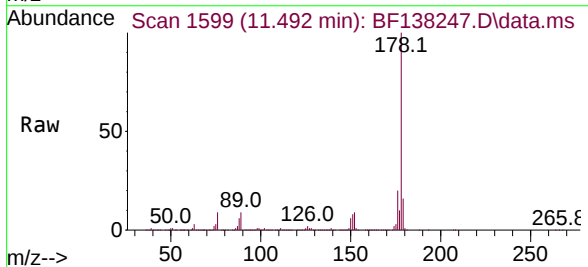
Tgt Ion:178 Resp: 3293484
Ion Ratio Lower Upper
178 100
176 21.0 16.4 24.6
179 16.7 13.1 19.7

Manual Integrations
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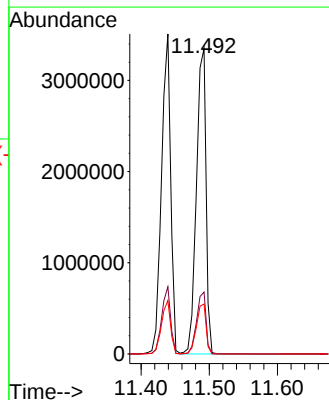
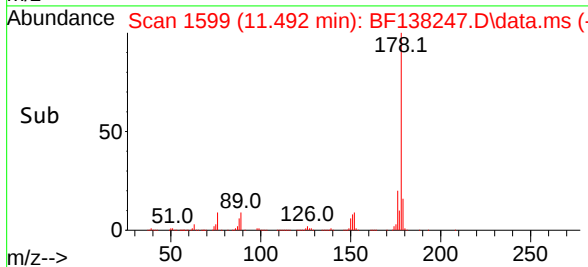
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

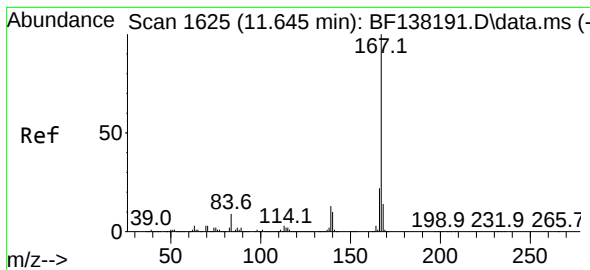


#72
Anthracene
Concen: 38.954 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49



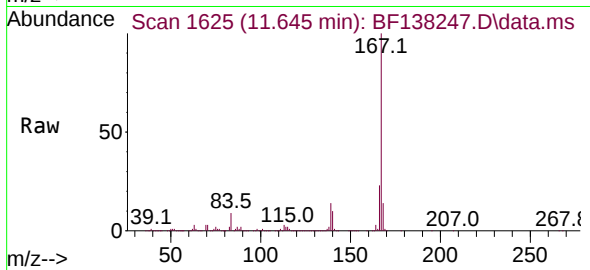
Tgt Ion:178 Resp: 3271638
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 16.3 13.0 19.6





#73
 Carbazole
 Concen: 38.699 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF138247.D
 Acq: 19 Jun 2024 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB161582BS

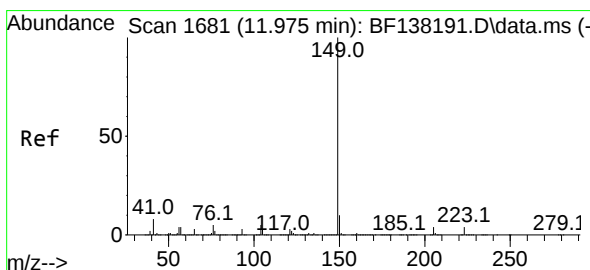
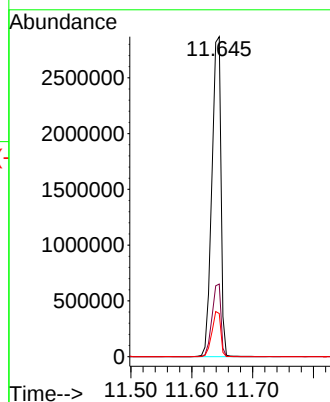
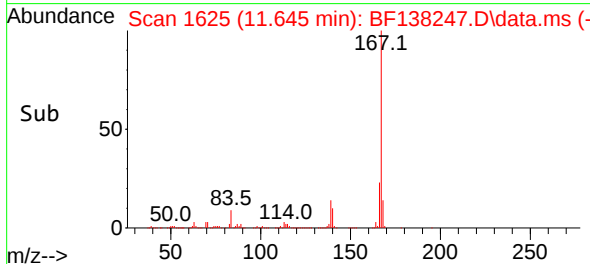


Tgt Ion:167 Resp: 298104

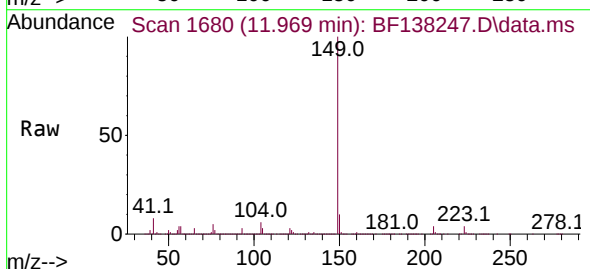
Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.0	27.0
139	13.5	10.6	16.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

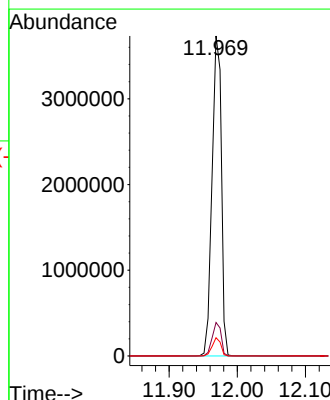
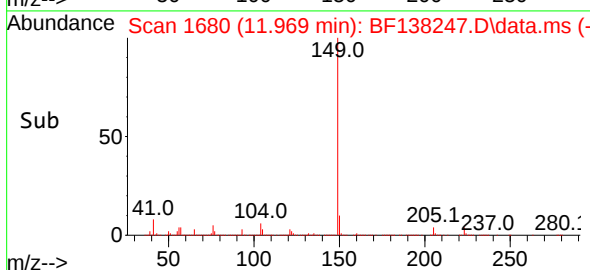


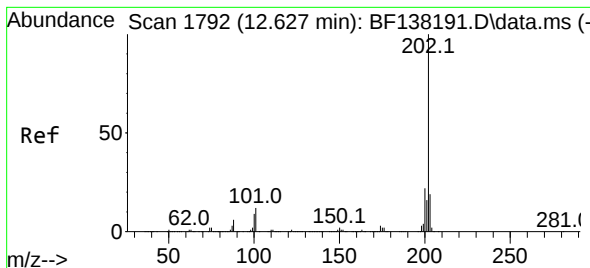
#74
 Di-n-butylphthalate
 Concen: 44.564 ng
 RT: 11.969 min Scan# 1680
 Delta R.T. -0.006 min
 Lab File: BF138247.D
 Acq: 19 Jun 2024 15:49



Tgt Ion:149 Resp: 3553856

Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.2
104	5.7	4.1	6.1





#75

Fluoranthene

Concen: 39.064 ng

RT: 12.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

Tgt Ion:202 Resp: 336963

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.8

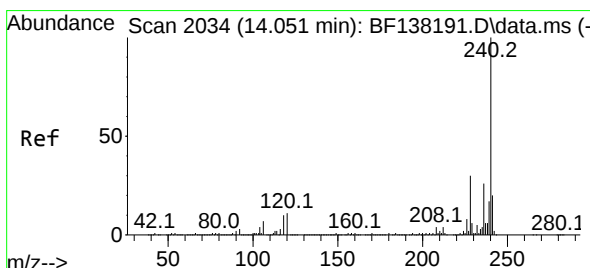
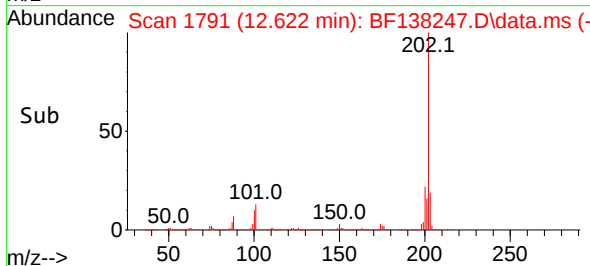
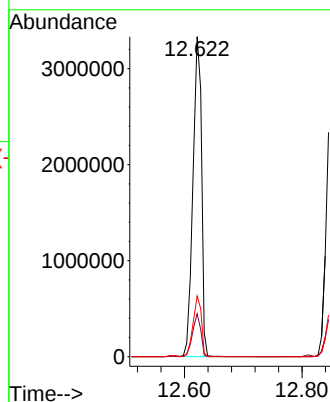
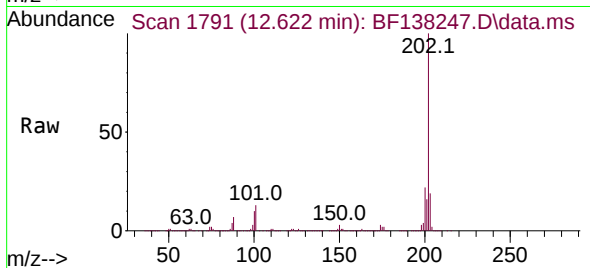
203 18.9 0.0 38.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024

Supervised By :mohammad ahmed 06/21/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

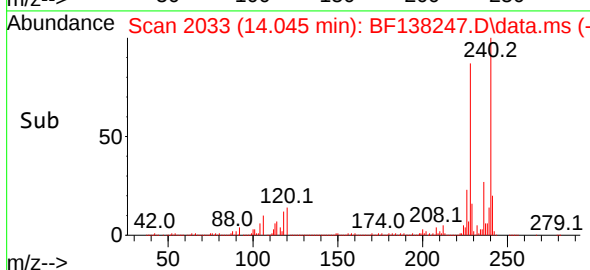
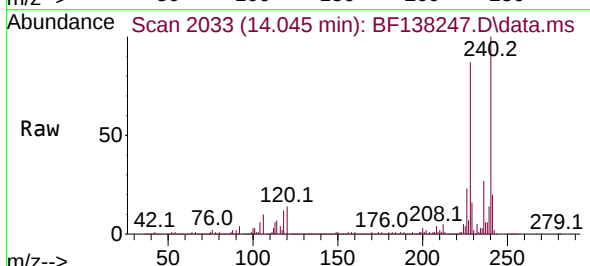
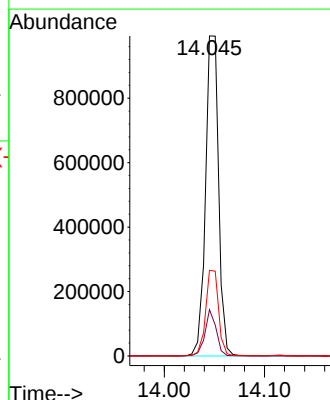
Tgt Ion:240 Resp: 909307

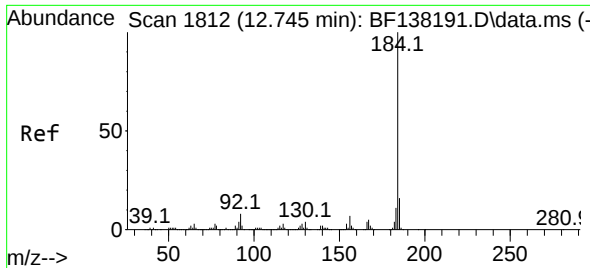
Ion Ratio Lower Upper

240 100

120 14.5 9.2 13.8#

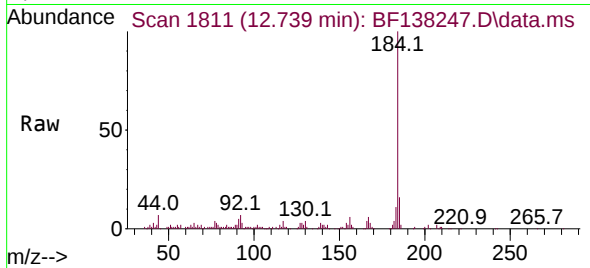
236 26.8 21.0 31.6





#77
Benzidine
Concen: 4.358 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

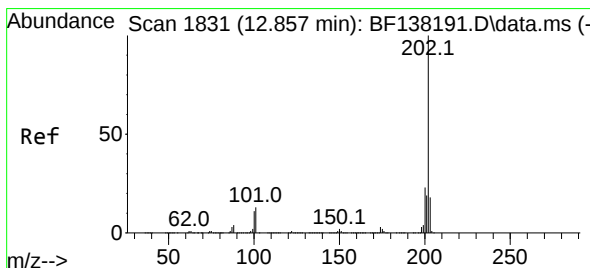
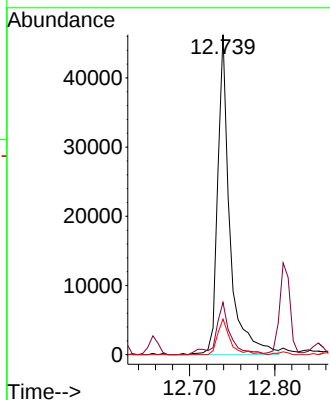
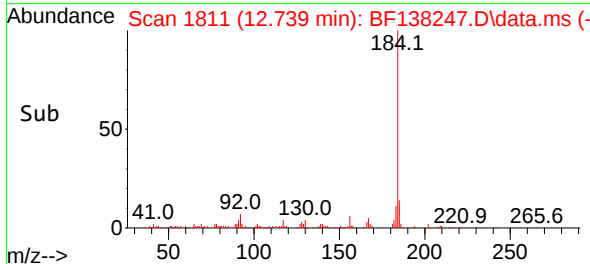
Instrument :
BNA_F
ClientSampleId :
PB161582BS



Tgt Ion:184 Resp: 45839
Ion Ratio Lower Upper
184 100
185 16.4 12.6 19.0
183 11.1 9.0 13.6

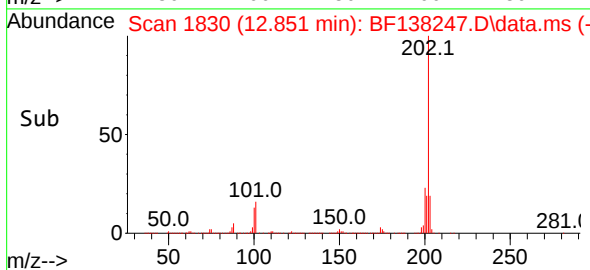
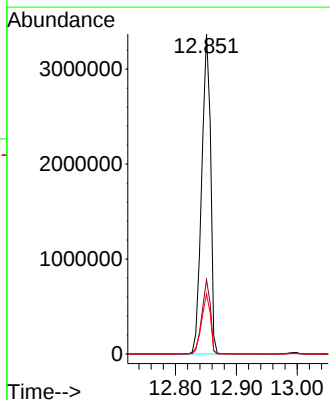
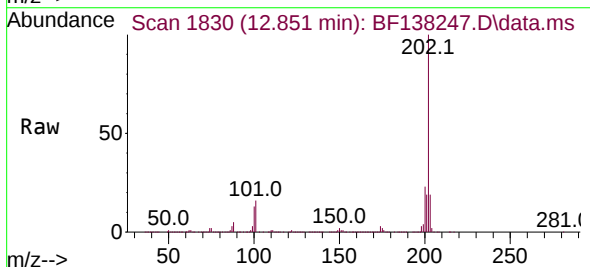
Manual Integrations
APPROVED

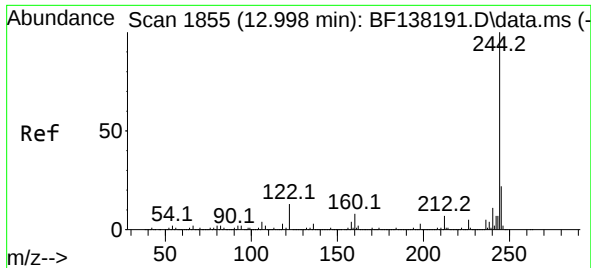
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#78
Pyrene
Concen: 43.464 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Tgt Ion:202 Resp: 3409039
Ion Ratio Lower Upper
202 100
200 23.2 18.0 27.0
203 18.8 14.7 22.1





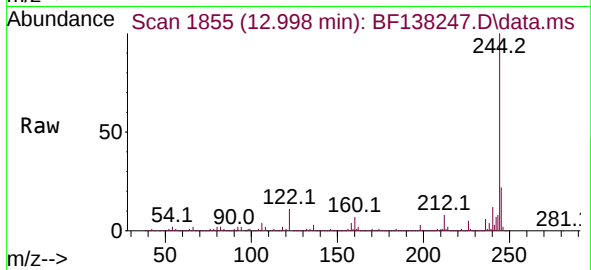
#79
 Terphenyl-d14
 Concen: 80.643 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.000 min
 Lab File: BF138247.D
 Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

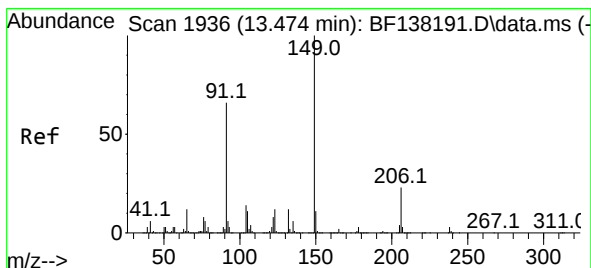
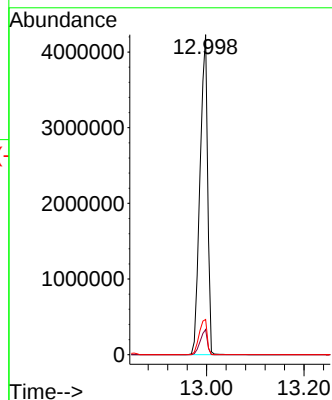
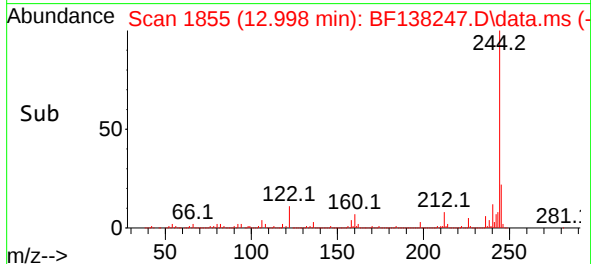


Tgt Ion:244 Resp: 4629838
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 11.0 10.6 15.8

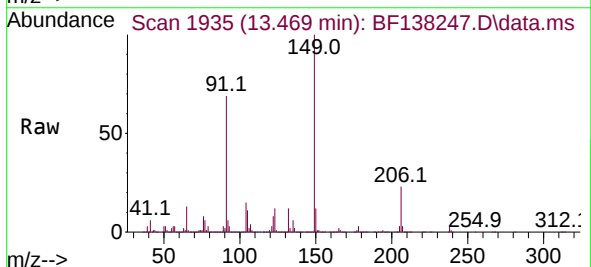
Manual Integrations

APPROVED

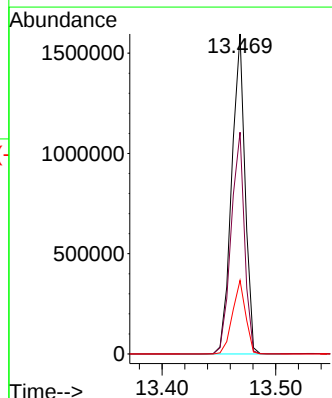
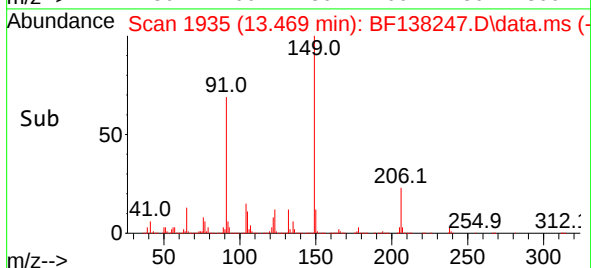
Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

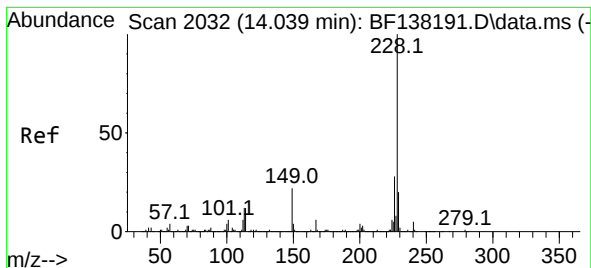


#80
 Butylbenzylphthalate
 Concen: 61.042 ng
 RT: 13.469 min Scan# 1935
 Delta R.T. -0.006 min
 Lab File: BF138247.D
 Acq: 19 Jun 2024 15:49



Tgt Ion:149 Resp: 1302297
 Ion Ratio Lower Upper
 149 100
 91 69.3 53.2 79.8
 206 23.0 18.6 27.8





#81

Benzo(a)anthracene

Concen: 41.495 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

Tgt Ion:228 Resp: 2420670

Ion Ratio Lower Upper

228 100

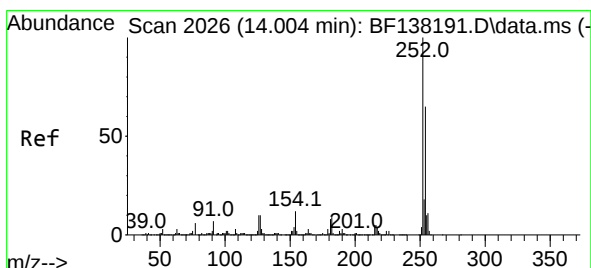
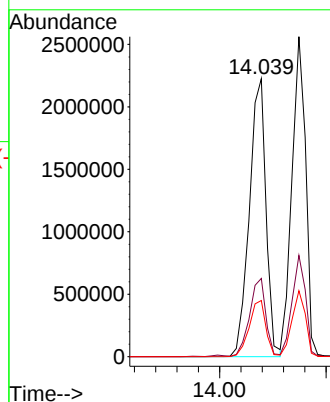
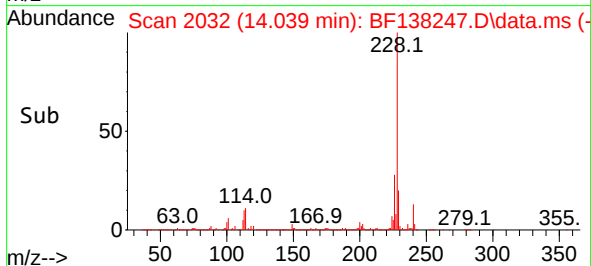
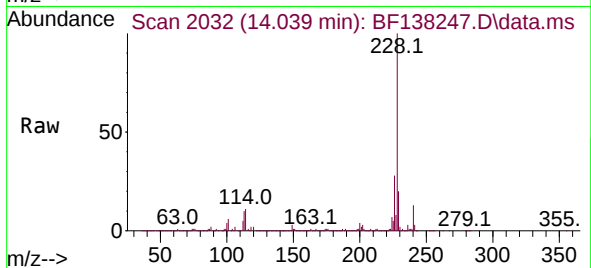
226 28.2 22.5 33.7

229 20.2 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#82

3,3'-Dichlorobenzidine

Concen: 40.956 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

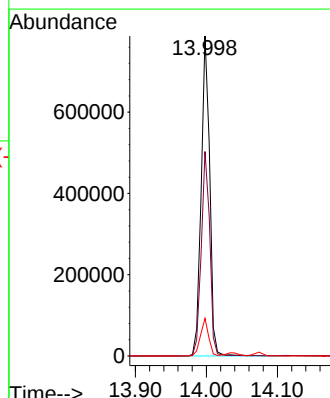
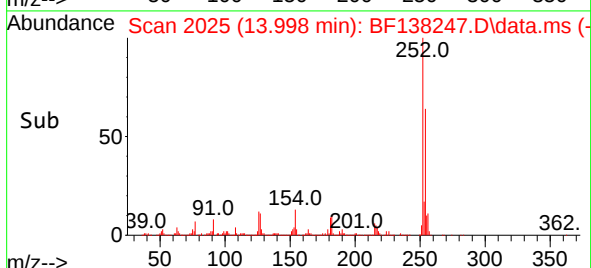
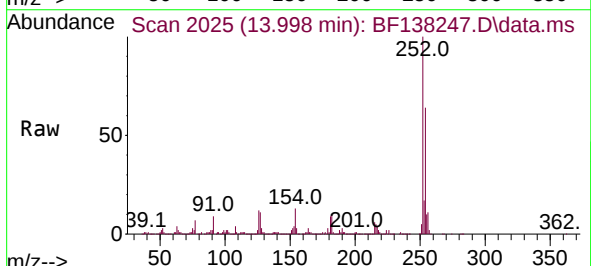
Tgt Ion:252 Resp: 657945

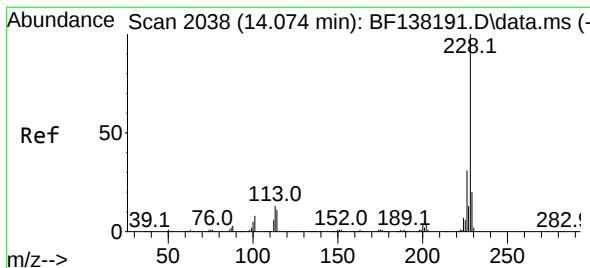
Ion Ratio Lower Upper

252 100

254 63.9 51.8 77.6

126 11.7 8.3 12.5





#83

Chrysene

Concen: 41.601 ng

RT: 14.074 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF138247.D

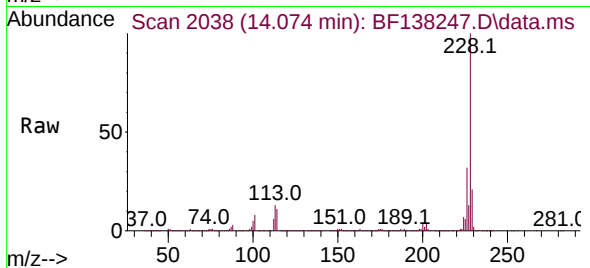
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS



Tgt Ion:228 Resp: 231325

Ion Ratio Lower Upper

228 100

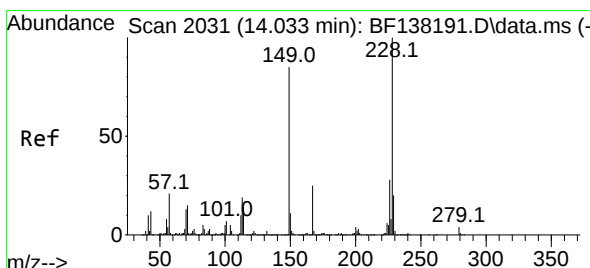
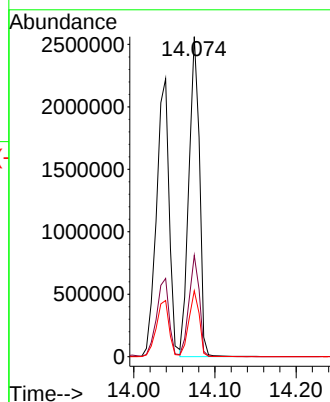
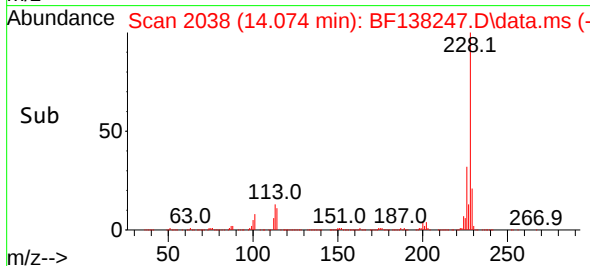
226 31.7 24.5 36.7

229 20.6 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.903 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

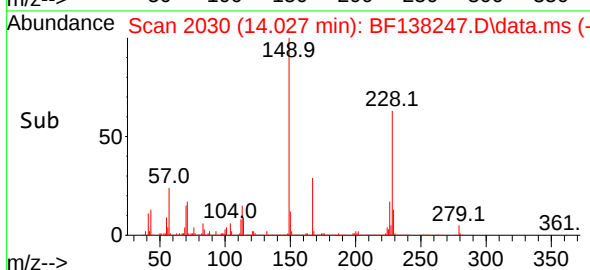
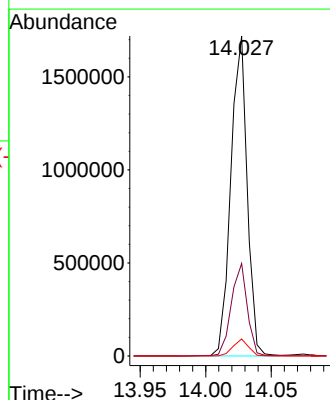
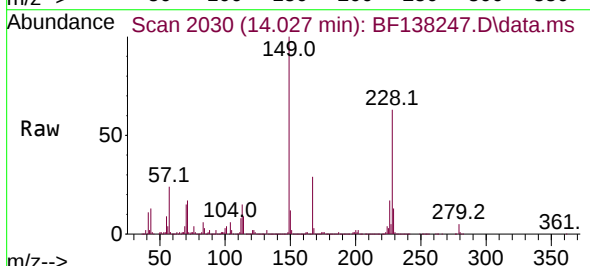
Tgt Ion:149 Resp: 1486398

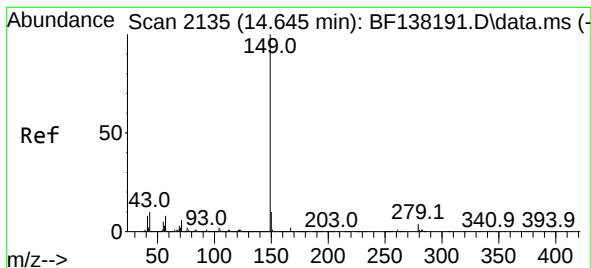
Ion Ratio Lower Upper

149 100

167 28.9 23.5 35.3

279 5.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 60.079 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

Tgt Ion:149 Resp: 2214678

Ion Ratio Lower Upper

149 100

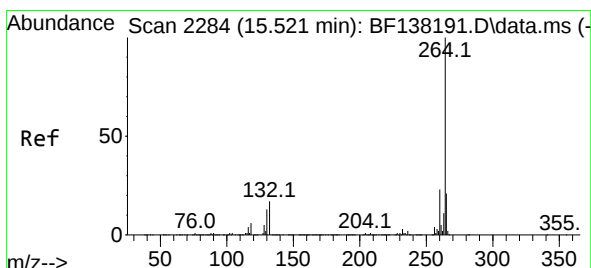
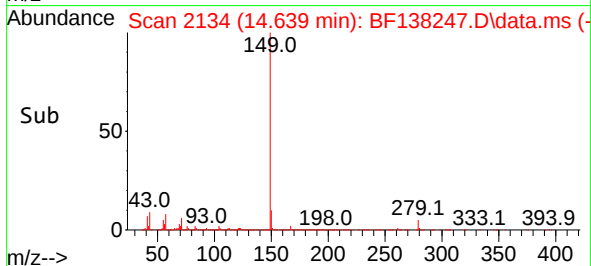
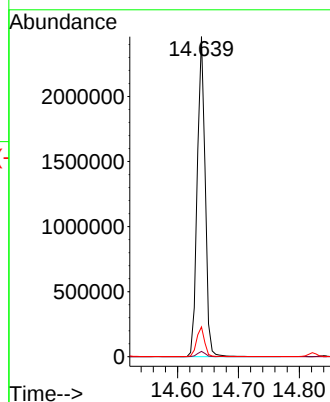
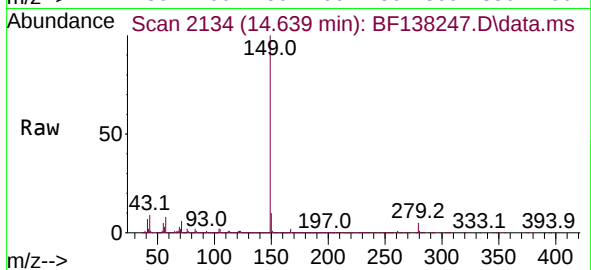
167 1.7 1.3 1.9

43 9.2 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.516 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

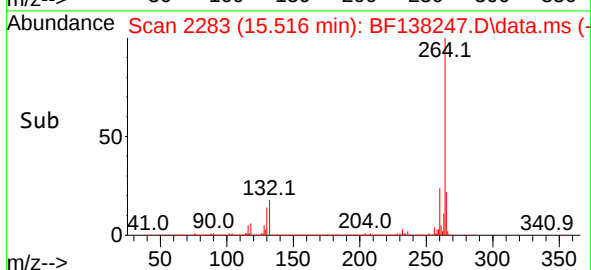
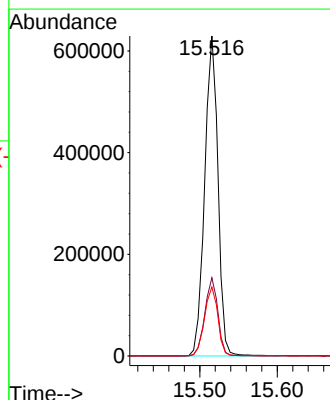
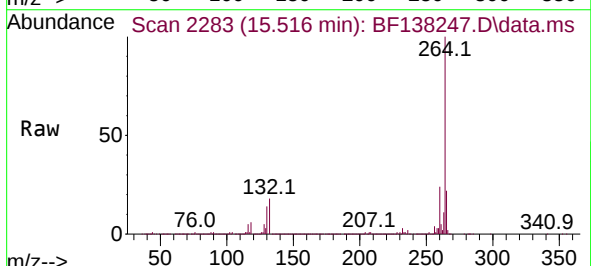
Tgt Ion:264 Resp: 748939

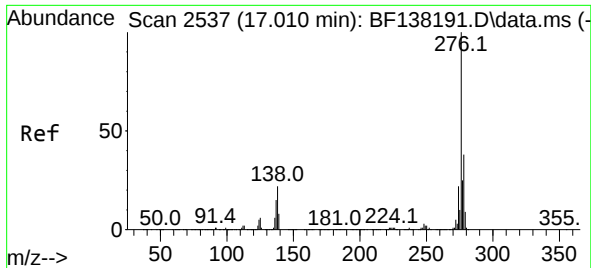
Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 21.5 17.0 25.6





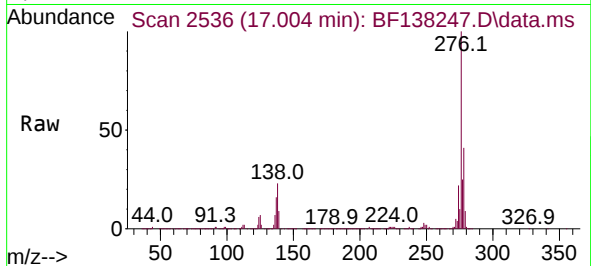
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.790 ng
RT: 17.004 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

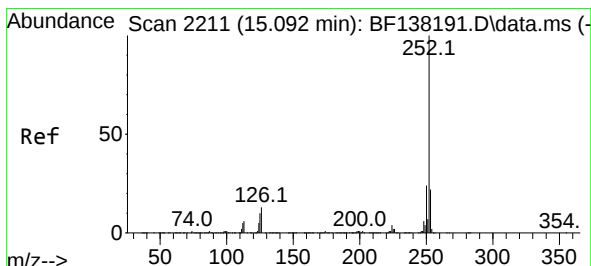
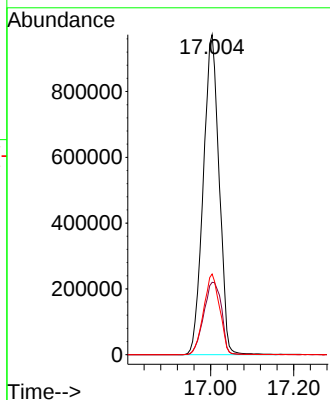
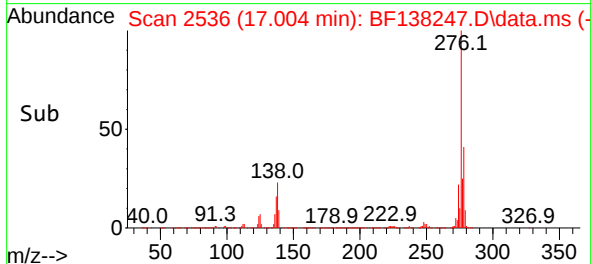


Tgt Ion:276 Resp: 257738
Ion Ratio Lower Upper
276 100
138 25.4 19.3 28.9
277 25.6 20.2 30.2

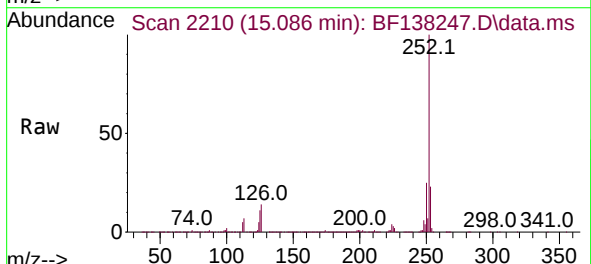
Manual Integrations

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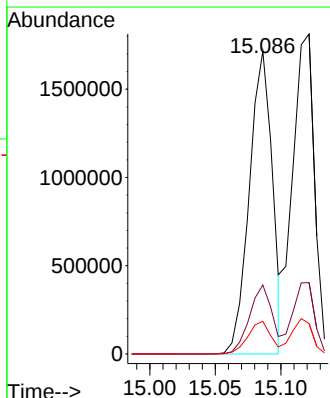
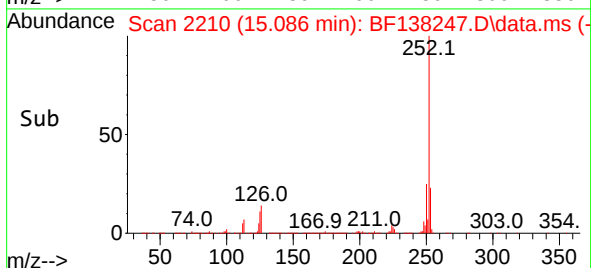
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

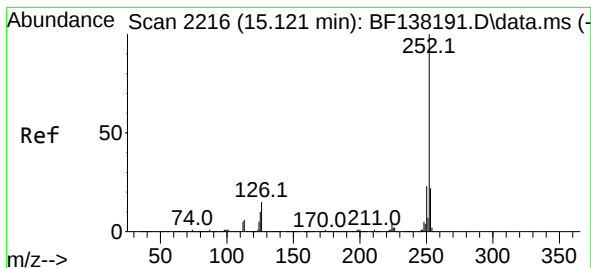


#88
Benzo(b)fluoranthene
Concen: 47.277 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49



Tgt Ion:252 Resp: 2088021
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 10.8 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 48.759 ng

RT: 15.121 min Scan# 211048

Delta R.T. -0.000 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB161582BS

Tgt Ion:252 Resp: 211048

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

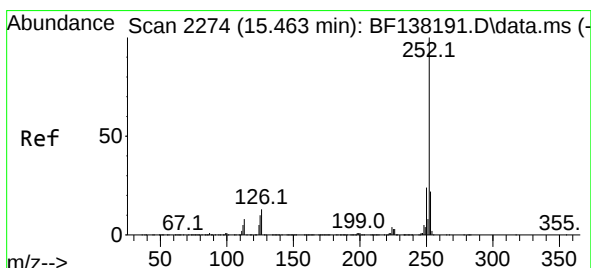
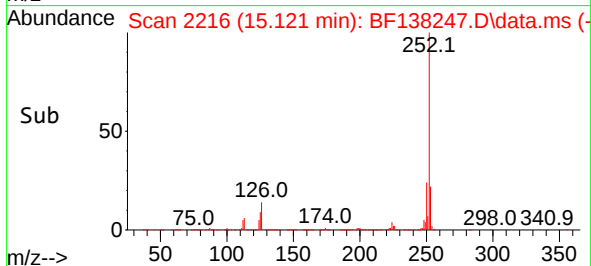
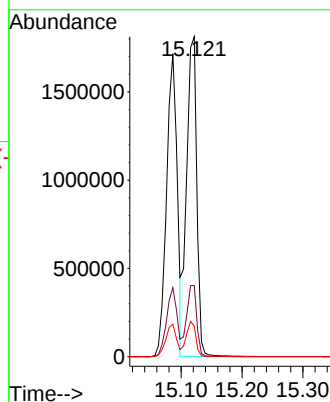
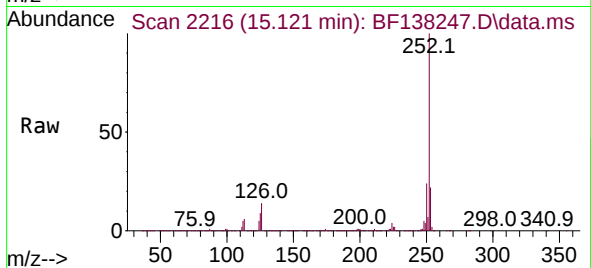
125 9.5 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024

Supervised By :mohammad ahmed 06/21/2024



#90

Benzo(a)pyrene

Concen: 50.532 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138247.D

Acq: 19 Jun 2024 15:49

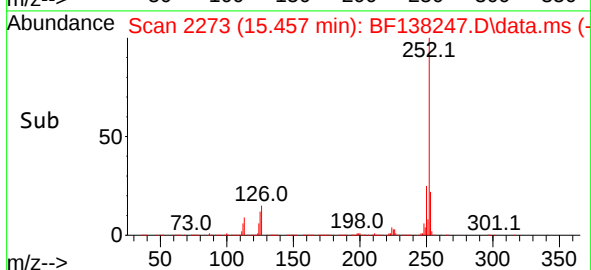
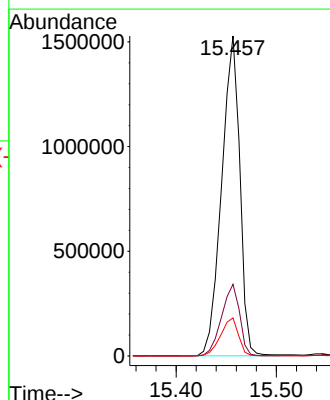
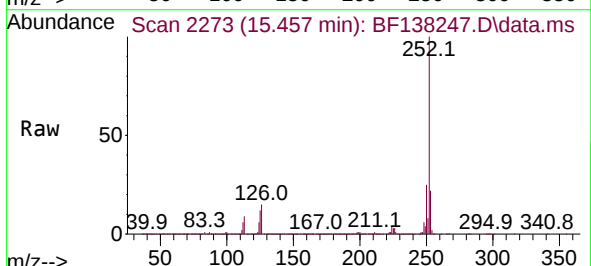
Tgt Ion:252 Resp: 1917308

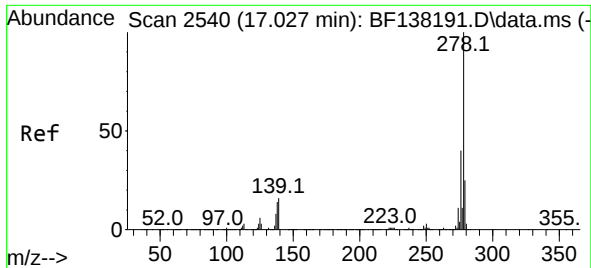
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

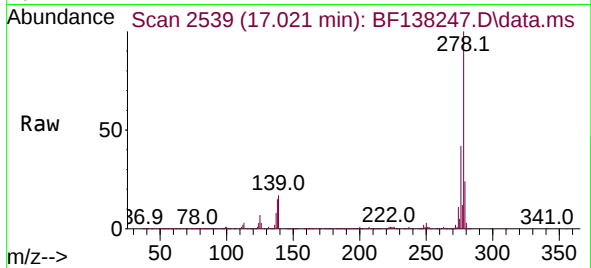
125 11.9 8.2 12.2





#91
Dibenzo(a,h)anthracene
Concen: 53.423 ng
RT: 17.021 min Scan# 2539
Delta R.T. -0.006 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49

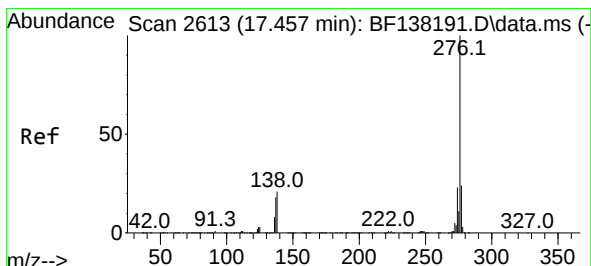
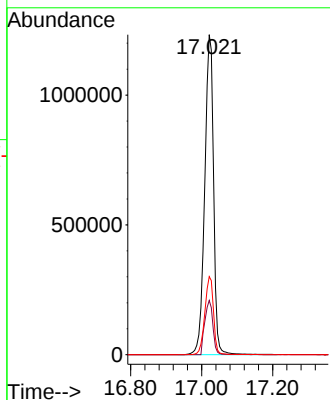
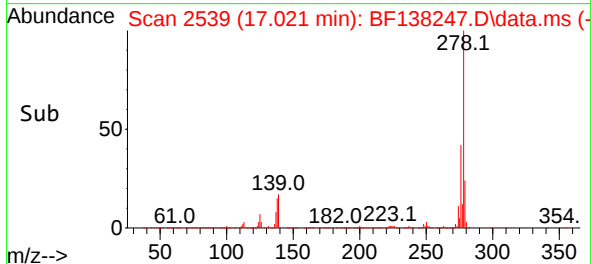
Instrument :
BNA_F
ClientSampleId :
PB161582BS



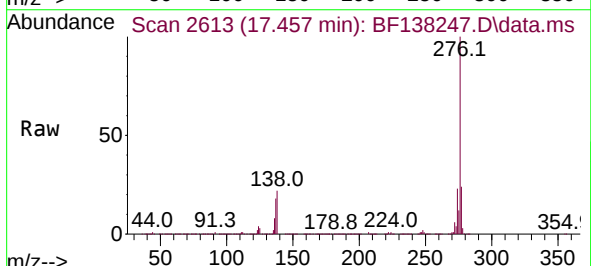
Tgt Ion: 278 Resp: 2140930
Ion Ratio Lower Upper
278 100
139 16.9 12.9 19.3
279 24.4 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#92
Benzo(g,h,i)perylene
Concen: 50.145 ng
RT: 17.457 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF138247.D
Acq: 19 Jun 2024 15:49



Tgt Ion: 276 Resp: 2078902
Ion Ratio Lower Upper
276 100
277 24.3 19.5 29.3
138 22.0 16.6 24.8

