

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138350.D
 Acq On : 26 Jun 2024 14:15
 Operator : CG\JU
 Sample : PB161686BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161686BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 27 01:51:28 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	6.881	152	278015	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1154797	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	673911	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1183347	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	546707	20.000	ng	0.00
86) Perylene-d12	15.515	264	651231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1883488	113.330	ng	0.00
7) Phenol-d6	6.522	99	2381418	113.002	ng	0.00
23) Nitrobenzene-d5	7.451	82	1521087	76.682	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	853340	127.195	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2958150	69.800	ng	0.00
79) Terphenyl-d14	12.992	244	3157648	91.478	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	235686	30.988	ng	94
3) Pyridine	3.493	79	566058	31.315	ng	97
4) n-Nitrosodimethylamine	3.457	42	320403	38.299	ng	91
6) Aniline	6.545	93	632040	30.651	ng	98
8) 2-Chlorophenol	6.669	128	812651	45.228	ng	100
9) Benzaldehyde	6.434	77	492767	44.025	ng	100
10) Phenol	6.534	94	910586	42.577	ng	92
11) bis(2-Chloroethyl)ether	6.622	93	746310	43.601	ng	98
12) 1,3-Dichlorobenzene	6.822	146	809951	39.665	ng	100
13) 1,4-Dichlorobenzene	6.898	146	822613	40.031	ng	100
14) 1,2-Dichlorobenzene	7.051	146	792502	41.081	ng	99
15) Benzyl Alcohol	7.028	79	651813	45.872	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	915952	37.916	ng	95
17) 2-Methylphenol	7.140	107	625263	44.107	ng	98
18) Hexachloroethane	7.392	117	295209	42.404	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	503120	40.276	ng	98
20) 3+4-Methylphenols	7.292	107	717084	40.188	ng	97
22) Acetophenone	7.298	105	987078	37.417	ng	# 98
24) Nitrobenzene	7.469	77	780836	38.086	ng	95
25) Isophorone	7.704	82	1469955	40.969	ng	99
26) 2-Nitrophenol	7.781	139	447150	54.240	ng	98
27) 2,4-Dimethylphenol	7.816	122	565722	45.106	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	911217	40.570	ng	99
29) 2,4-Dichlorophenol	8.022	162	684689	42.402	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	756479	39.724	ng	98
31) Naphthalene	8.187	128	2259097	39.563	ng	99
32) Benzoic acid	7.957	122	559412	50.606	ng	100
33) 4-Chloroaniline	8.234	127	545526	25.561	ng	98
34) Hexachlorobutadiene	8.298	225	448566	40.276	ng	99
35) Caprolactam	8.616	113	248208m	50.915	ng	
36) 4-Chloro-3-methylphenol	8.722	107	751128	46.719	ng	100
37) 2-Methylnaphthalene	8.875	142	1551697	41.405	ng	99
38) 1-Methylnaphthalene	8.975	142	1469901	40.025	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	792327	40.234	ng	99
41) Hexachlorocyclopentadiene	9.028	237	737851	114.907	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	547830	44.428	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	593525	43.831	ng	99
46) 1,1'-Biphenyl	9.345	154	1919821	38.823	ng	98
47) 2-Chloronaphthalene	9.369	162	1539140	39.383	ng	98
48) 2-Nitroaniline	9.463	65	454725	48.314	ng	95
49) Acenaphthylene	9.786	152	2361714	43.096	ng	99
50) Dimethylphthalate	9.645	163	1854745	44.919	ng	100
51) 2,6-Dinitrotoluene	9.710	165	438713	48.976	ng	# 80
52) Acenaphthene	9.957	154	1662572m	44.491	ng	
53) 3-Nitroaniline	9.875	138	325448	34.009	ng	96
54) 2,4-Dinitrophenol	9.986	184	486292	98.261	ng	# 87
55) Dibenzofuran	10.128	168	2126222	40.701	ng	99
56) 4-Nitrophenol	10.045	139	706488	93.423	ng	88
57) 2,4-Dinitrotoluene	10.110	165	586974	53.127	ng	94
58) Fluorene	10.469	166	1615683	39.337	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	491329	46.427	ng	99
60) Diethylphthalate	10.345	149	1720535	43.904	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	823684	40.266	ng	97
62) 4-Nitroaniline	10.498	138	428348	44.801	ng	93
63) Azobenzene	10.622	77	1611221	41.038	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	332842	54.159	ng	79
66) n-Nitrosodiphenylamine	10.580	169	1494121	41.242	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	574320	43.071	ng	96
68) Hexachlorobenzene	11.016	284	648695	41.687	ng	96
69) Atrazine	11.110	200	475953	46.124	ng	99
70) Pentachlorophenol	11.210	266	730116	80.450	ng	98
71) Phenanthrene	11.433	178	2308070	39.440	ng	100
72) Anthracene	11.486	178	2393736	41.198	ng	100
73) Carbazole	11.639	167	1983359	37.217	ng	99
74) Di-n-butylphthalate	11.963	149	2522463	45.722	ng	100
75) Fluoranthene	12.616	202	2279510	38.199	ng	98
77) Benzidine	12.733	184	191599	30.299	ng	97
78) Pyrene	12.845	202	2254381	47.806	ng	99
80) Butylbenzylphthalate	13.463	149	818619	63.820	ng	99
81) Benzo(a)anthracene	14.033	228	1560769	44.499	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	448564	46.442	ng	98
83) Chrysene	14.068	228	1496425	44.761	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	942652	63.186	ng	97
85) Di-n-octyl phthalate	14.633	149	1623618	73.257	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	2161531	50.915	ng	100
88) Benzo(b)fluoranthene	15.086	252	1734657	45.169	ng	98
89) Benzo(k)fluoranthene	15.115	252	1646953	43.759	ng	99
90) Benzo(a)pyrene	15.457	252	1610800	48.823	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1734028	49.762	ng	98
92) Benzo(g,h,i)perylene	17.451	276	1557149	43.195	ng	99

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

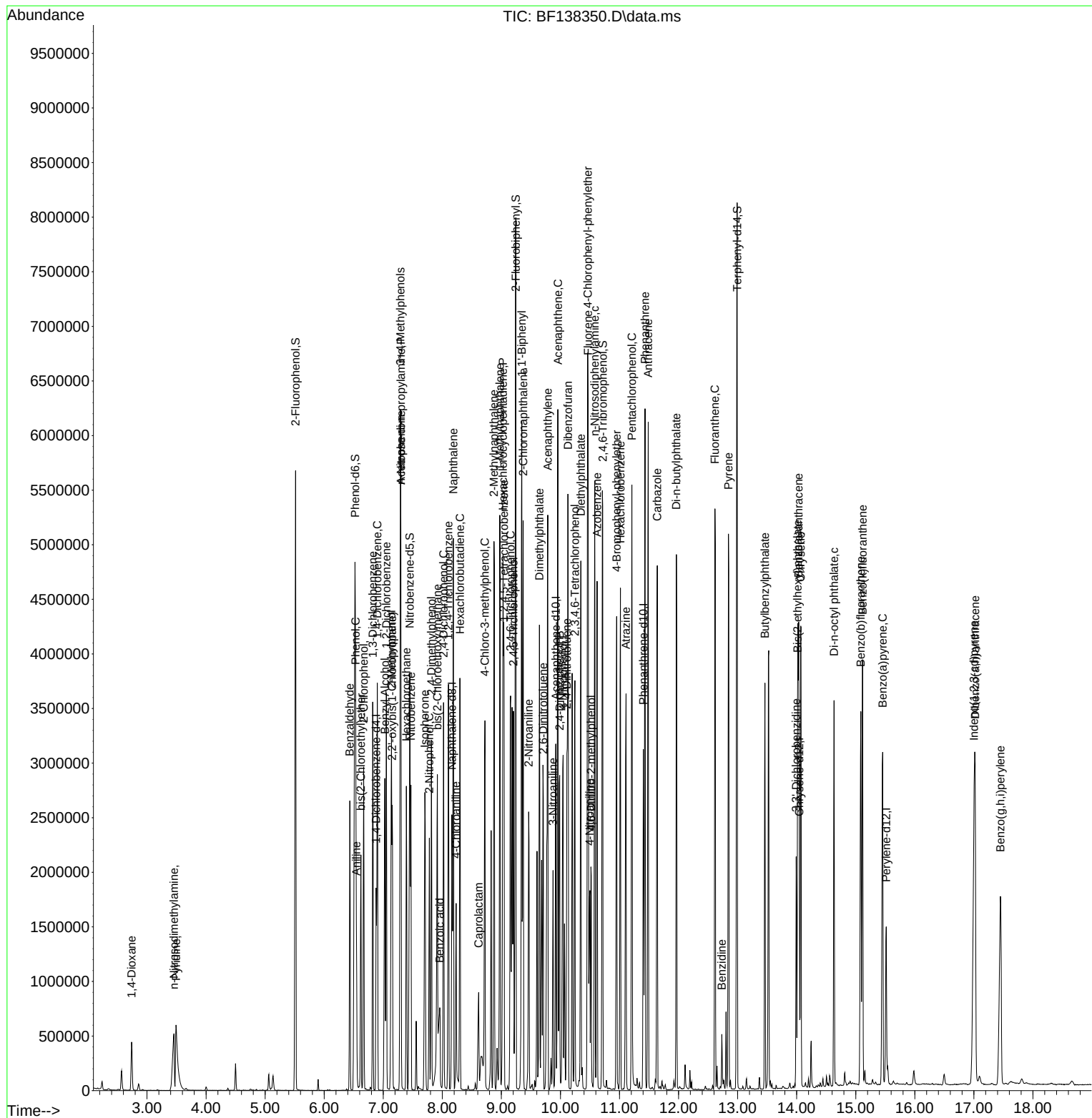
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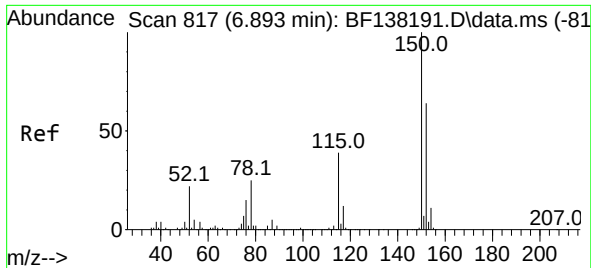
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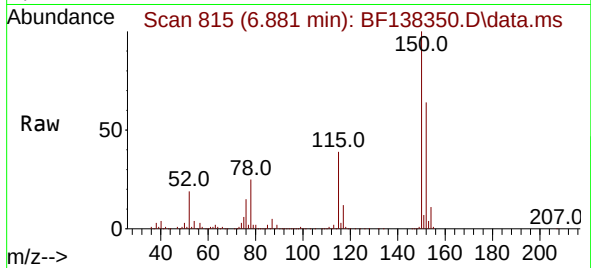
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

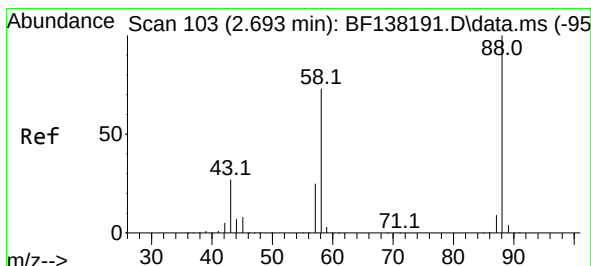
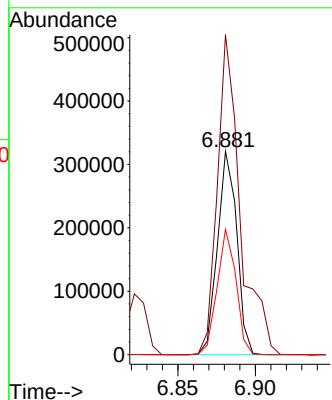
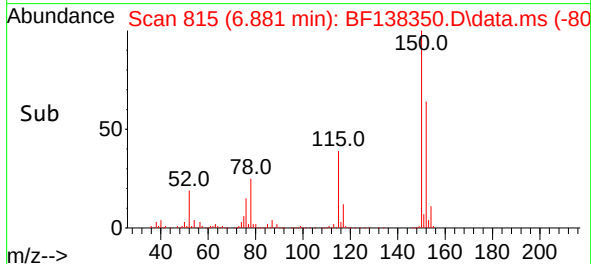
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BNA_F
ClientSampleId :
PB161686BS



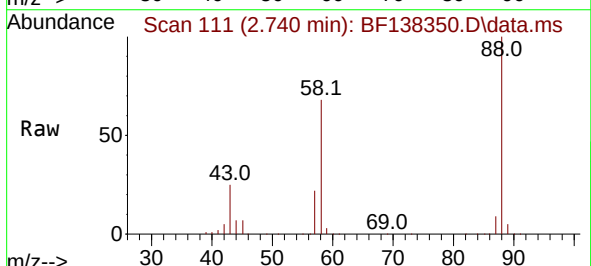
Tgt Ion:152 Resp: 278015
Ion Ratio Lower Upper
152 100
150 157.4 125.0 187.4
115 61.7 48.4 72.6

Manual Integrations
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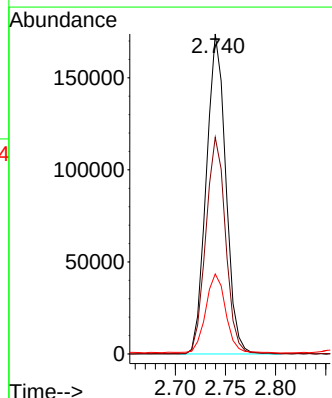
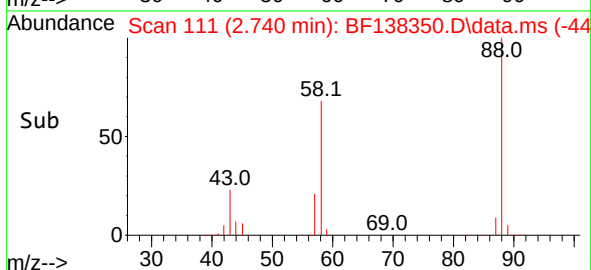
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

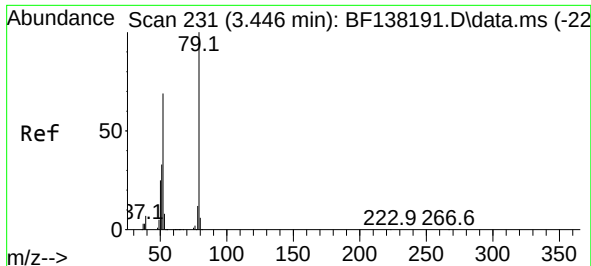


#2
1,4-Dioxane
Concen: 30.988 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.047 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15



Tgt Ion: 88 Resp: 235686
Ion Ratio Lower Upper
88 100
58 68.2 58.6 87.8
43 25.4 22.4 33.6





#3

Pyridine

Concen: 31.315 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

Tgt Ion: 79 Resp: 56605

Ion Ratio Lower Upper

79 100

52 66.7 55.0 82.4

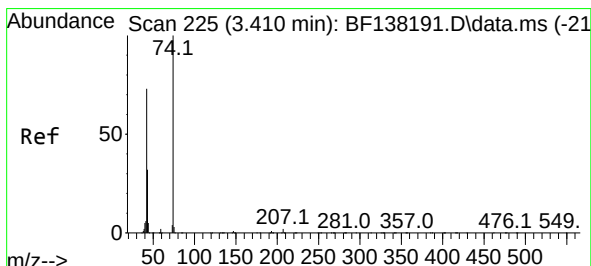
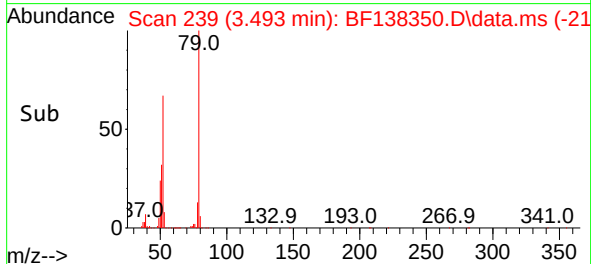
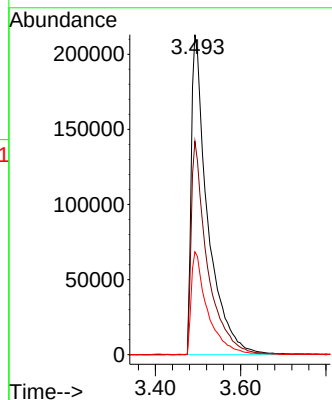
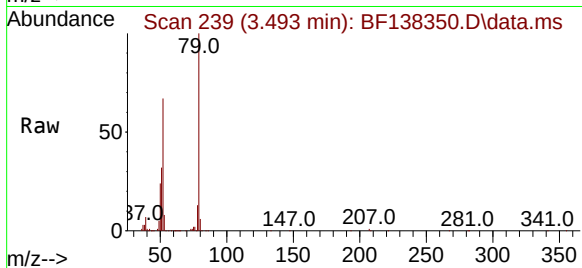
51 32.1 26.9 40.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 38.299 ng

RT: 3.457 min Scan# 233

Delta R.T. 0.047 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

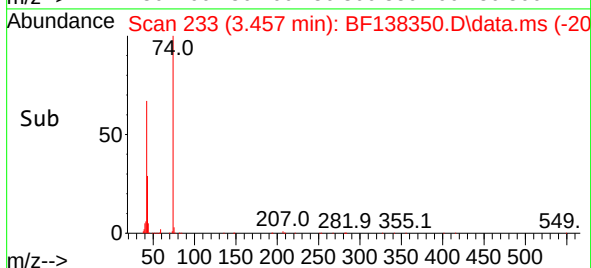
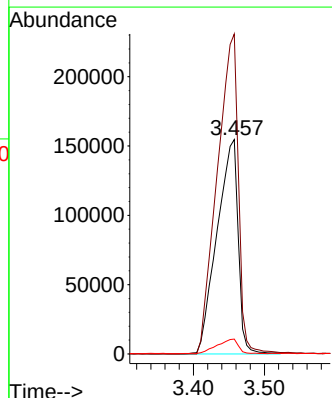
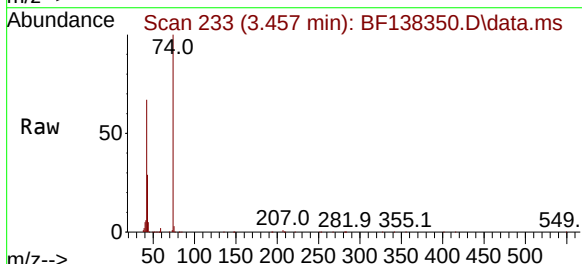
Tgt Ion: 42 Resp: 320403

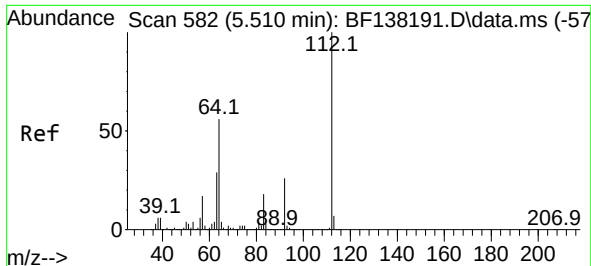
Ion Ratio Lower Upper

42 100

74 149.2 109.9 164.9

44 7.0 5.2 7.8





#5
2-Fluorophenol
Concen: 113.330 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

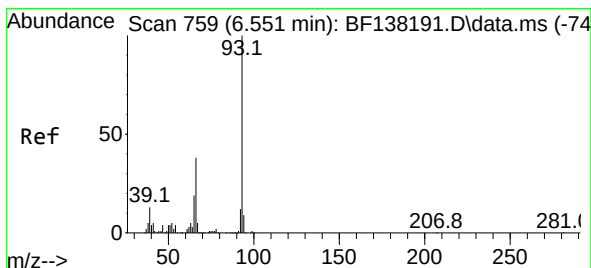
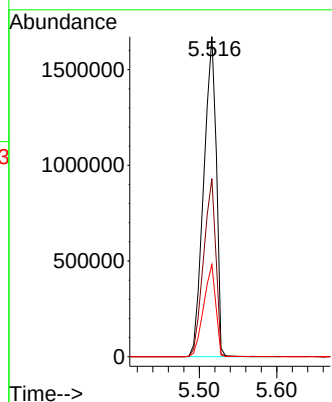
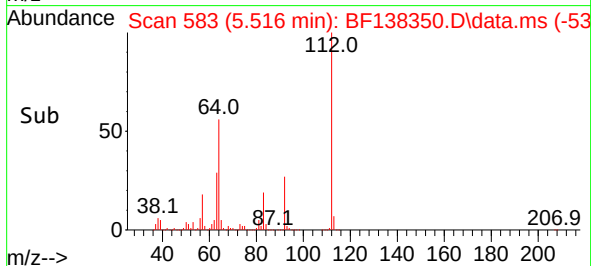
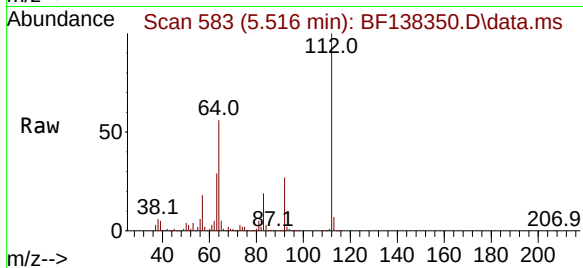
PB161686BS

Tgt Ion:112 Resp: 188348
Ion Ratio Lower Upper
112 100
64 55.6 45.2 67.8
63 28.8 22.9 34.3

Manual Integrations

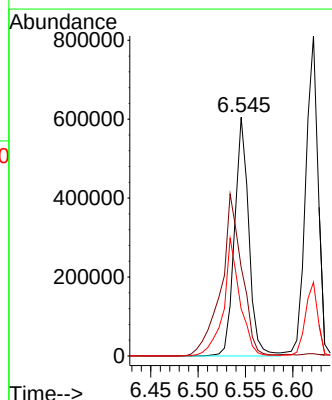
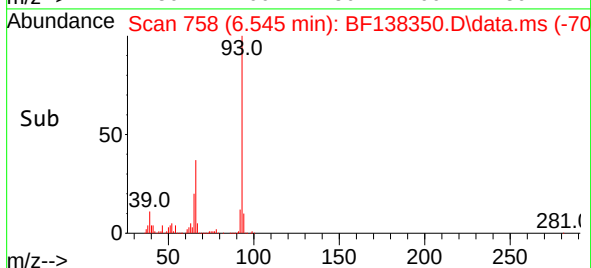
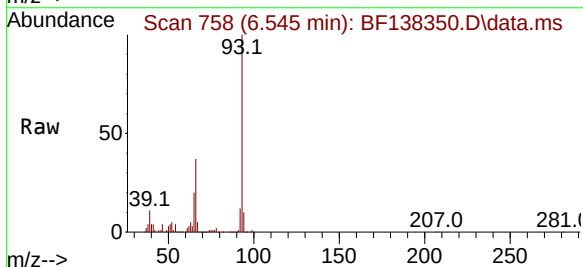
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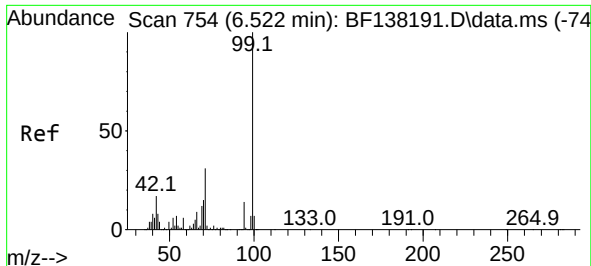
Reviewed By :Yogesh Patel 06/27/2024
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#6
Aniline
Concen: 30.651 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

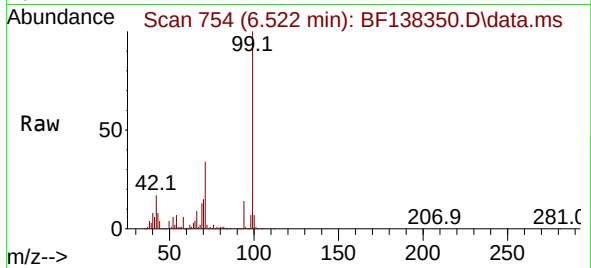
Tgt Ion: 93 Resp: 632040
Ion Ratio Lower Upper
93 100
66 37.1 30.8 46.2
65 19.7 15.5 23.3





#7
Phenol-d6
Concen: 113.002 ng
RT: 6.522 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

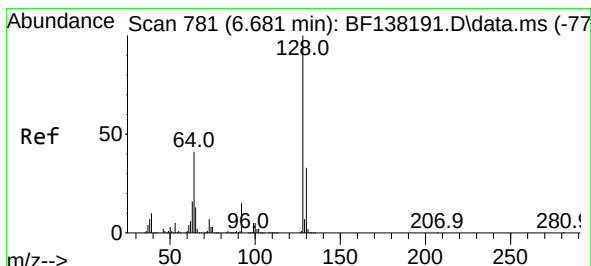
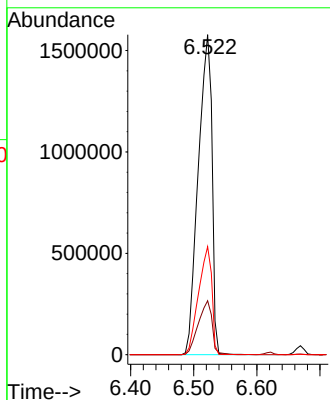
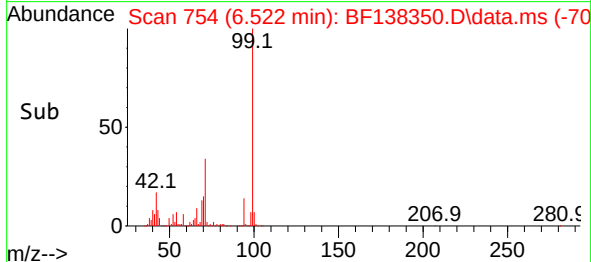
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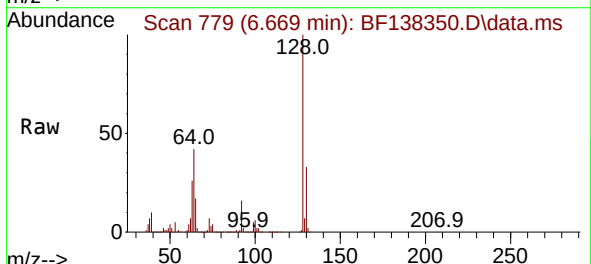
Tgt Ion: 99 Resp: 2381418
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 33.8 25.0 37.6

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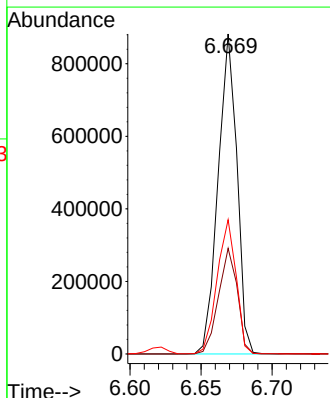
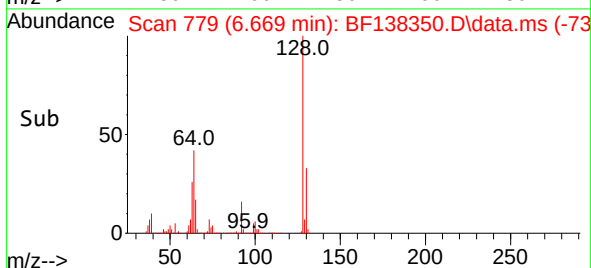
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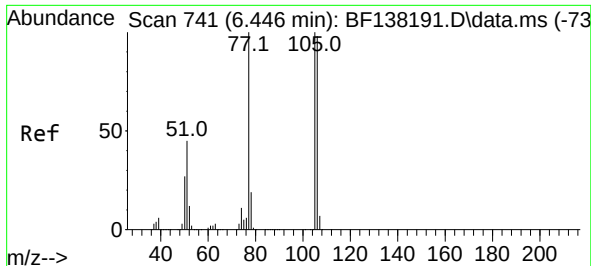


#8
2-Chlorophenol
Concen: 45.228 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15



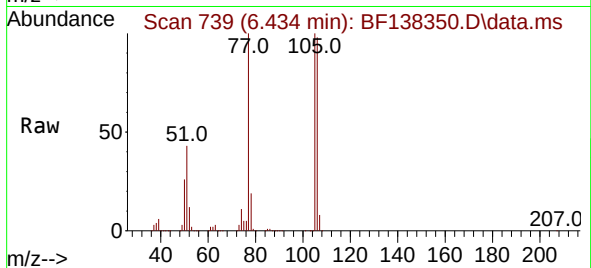
Tgt Ion:128 Resp: 812651
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 42.0 21.8 61.8





#9
Benzaldehyde
Concen: 44.025 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

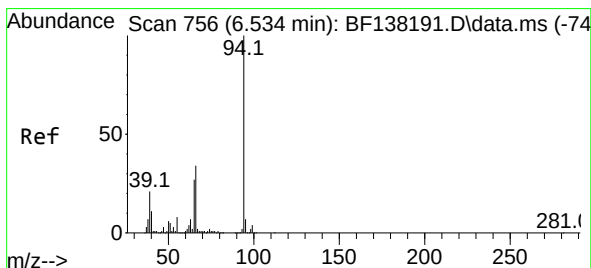
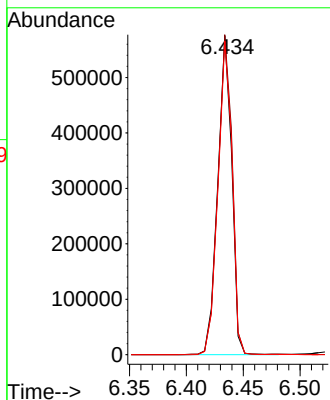
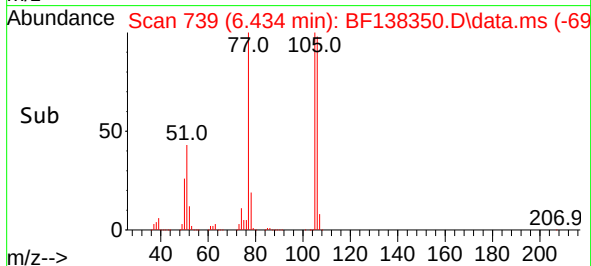
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Tgt Ion: 77 Resp: 49276
Ion Ratio Lower Upper
77 100
105 100.4 80.1 120.1
106 98.3 77.8 117.8

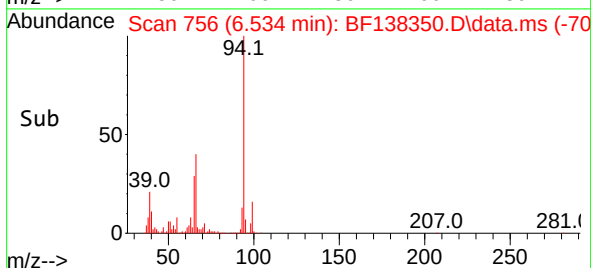
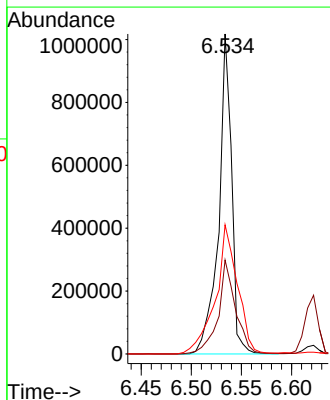
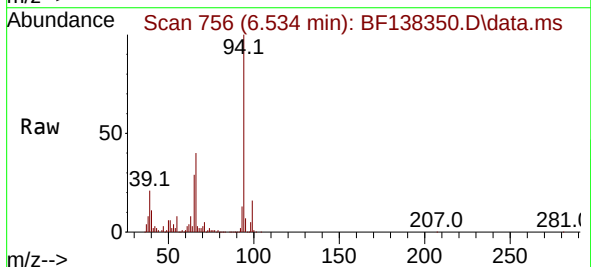
Manual Integrations
APPROVED

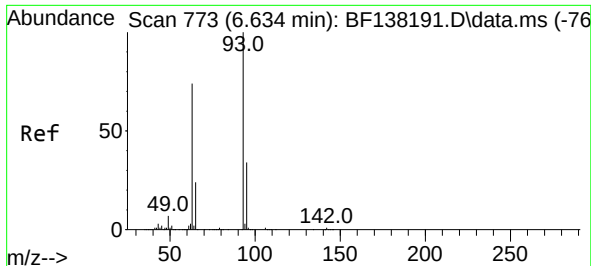
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Phenol
Concen: 42.577 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion: 94 Resp: 910586
Ion Ratio Lower Upper
94 100
65 29.3 6.8 46.8
66 40.4 14.2 54.2





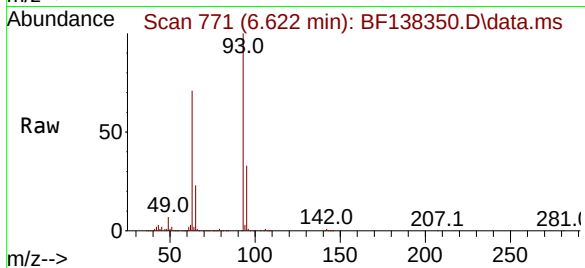
#11
bis(2-Chloroethyl)ether
Concen: 43.601 ng
RT: 6.622 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

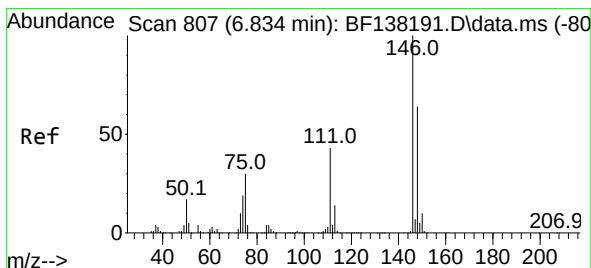
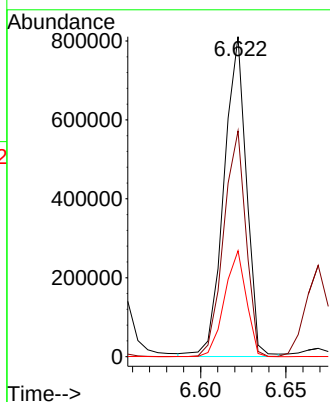
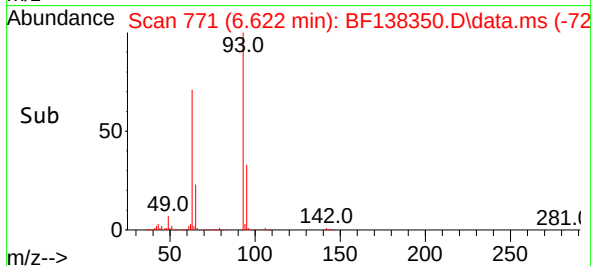


Tgt Ion: 93 Resp: 746310
Ion Ratio Lower Upper
93 100
63 70.6 52.5 92.5
95 33.1 13.2 53.2

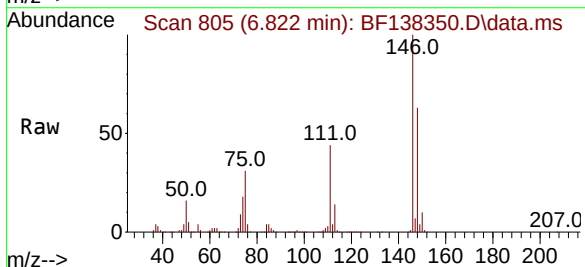
Manual Integrations

APPROVED

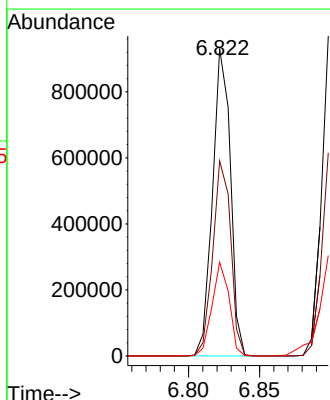
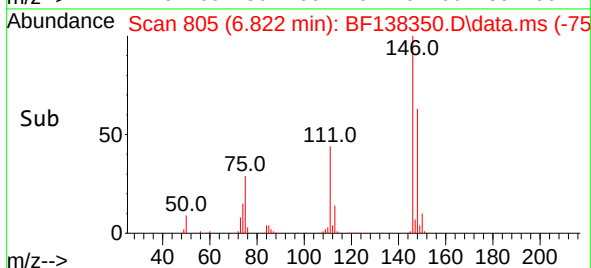
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

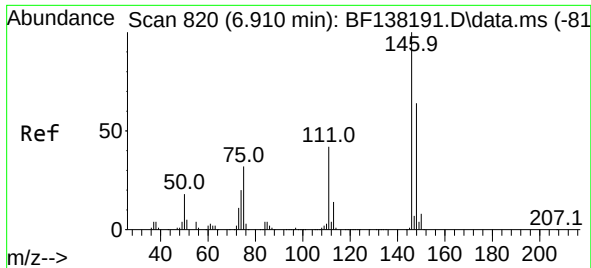


#12
1,3-Dichlorobenzene
Concen: 39.665 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15



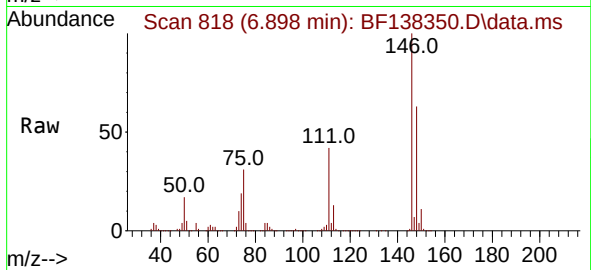
Tgt Ion:146 Resp: 809951
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
75 30.5 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 40.031 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

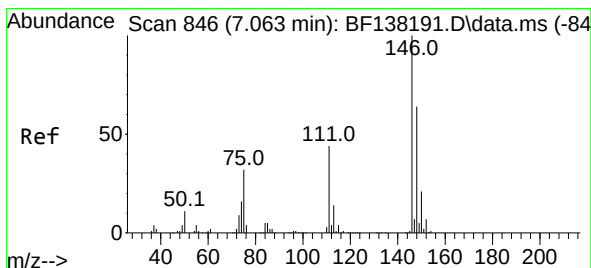
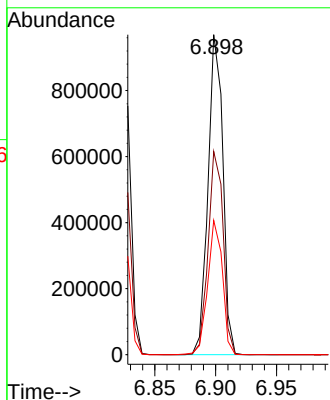
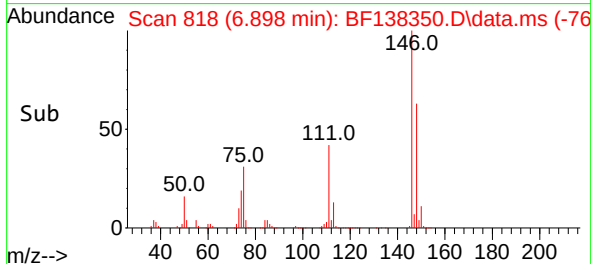
Instrument :
BNA_F
ClientSampleId :
PB161686BS



Tgt Ion:146 Resp: 82261
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
111 42.0 33.7 50.5

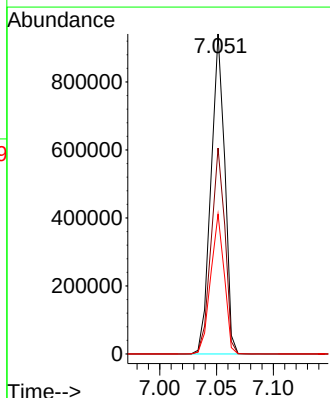
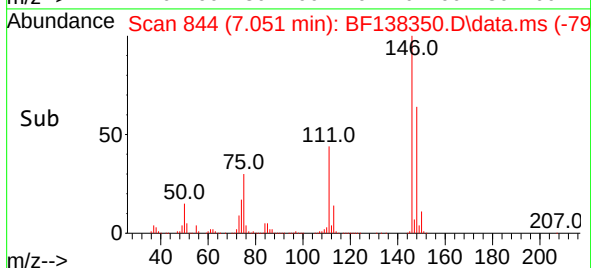
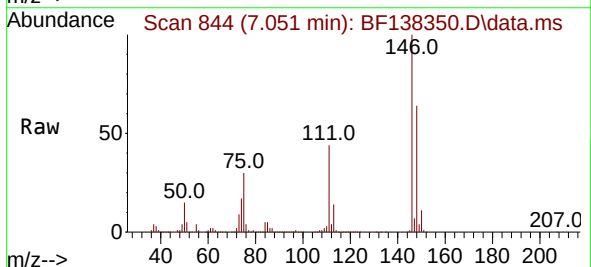
Manual Integrations
APPROVED

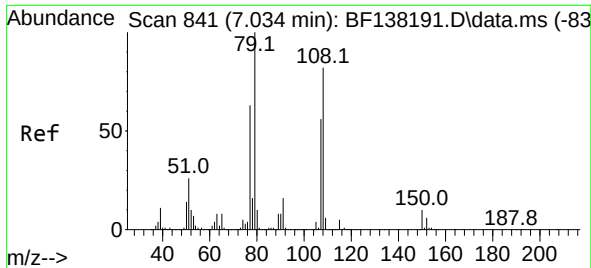
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#14
1,2-Dichlorobenzene
Concen: 41.081 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:146 Resp: 792502
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
111 43.7 35.4 53.2





#15
Benzyl Alcohol
Concen: 45.872 ng
RT: 7.028 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

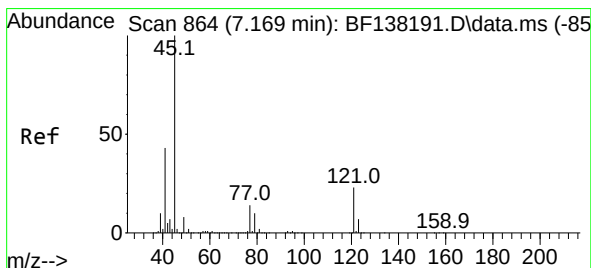
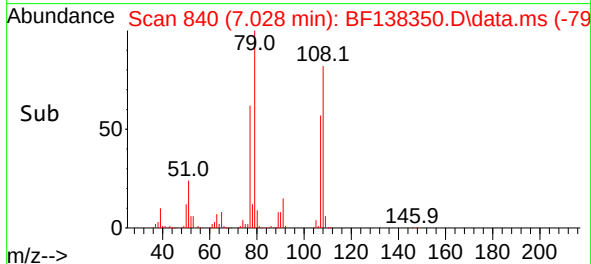
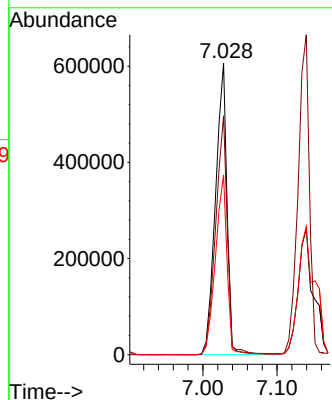
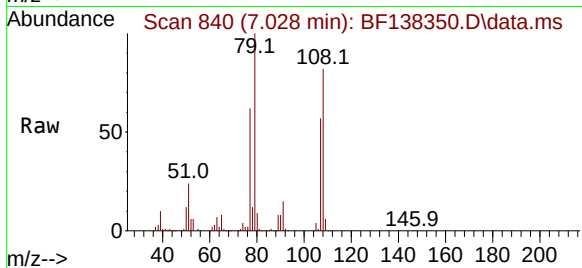
PB161686BS

Tgt Ion: 79 Resp: 65181
Ion Ratio Lower Upper
79 100
108 81.9 65.9 98.9
77 61.6 50.3 75.5

Manual Integrations

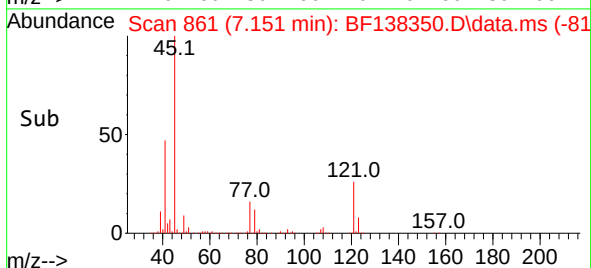
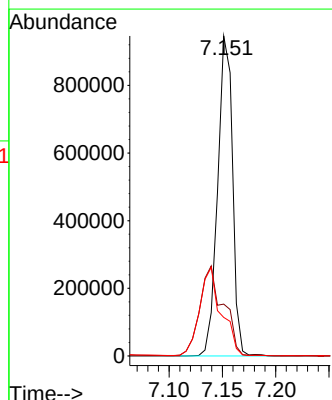
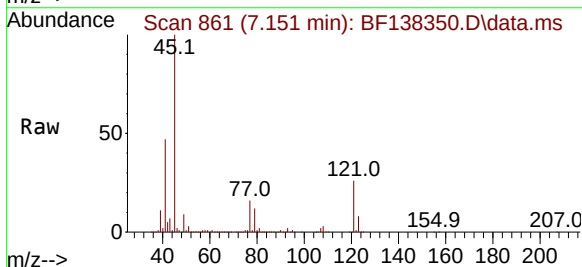
APPROVED

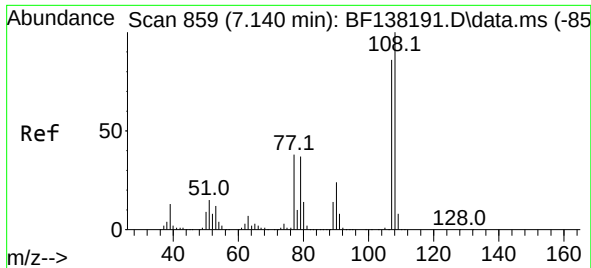
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.916 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.018 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion: 45 Resp: 915952
Ion Ratio Lower Upper
45 100
77 16.2 0.0 33.9
79 12.1 0.0 30.7





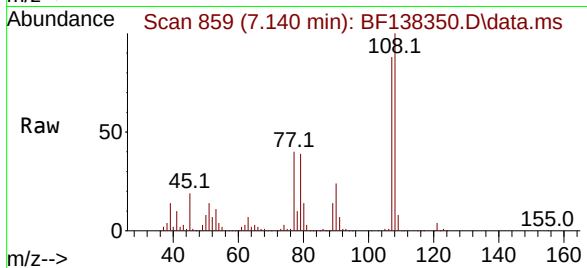
#17
2-Methylphenol
Concen: 44.107 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

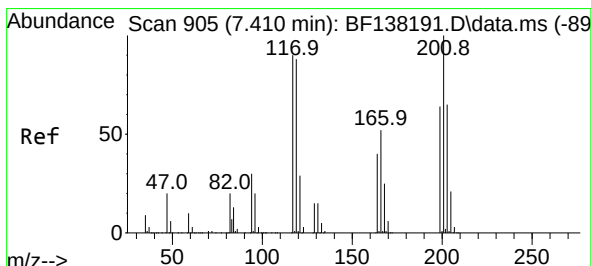
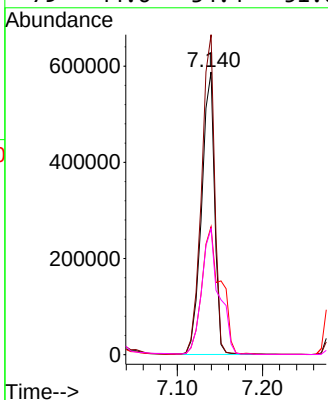
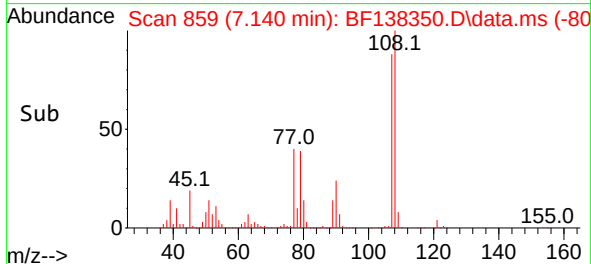


Tgt Ion:107 Resp: 62526
Ion Ratio Lower Upper
107 100
108 113.2 92.7 139.1
77 45.3 35.7 53.5
79 44.6 34.4 51.6

Manual Integrations

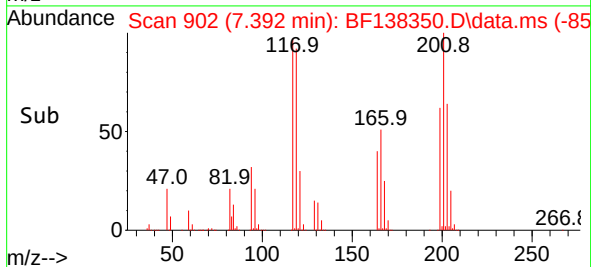
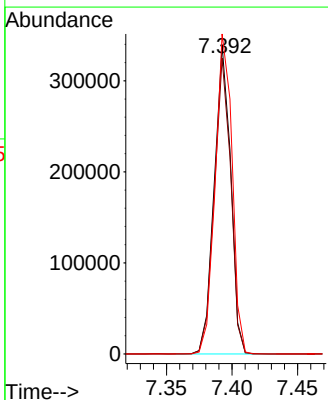
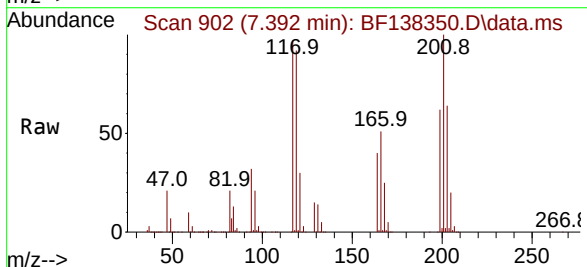
APPROVED

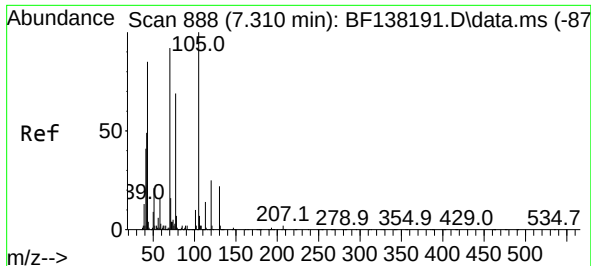
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#18
Hexachloroethane
Concen: 42.404 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:117 Resp: 295209
Ion Ratio Lower Upper
117 100
119 95.8 78.4 117.6
201 103.6 89.0 133.6





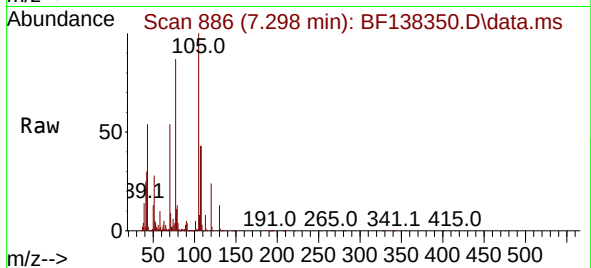
#19
n-Nitroso-di-n-propylamine
Concen: 40.276 ng
RT: 7.298 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

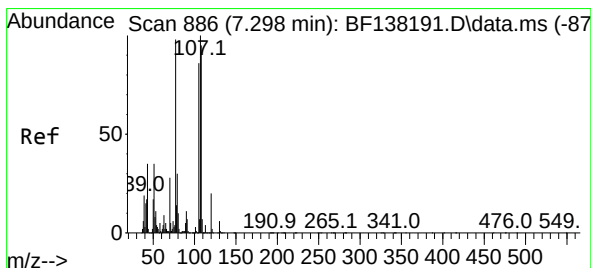
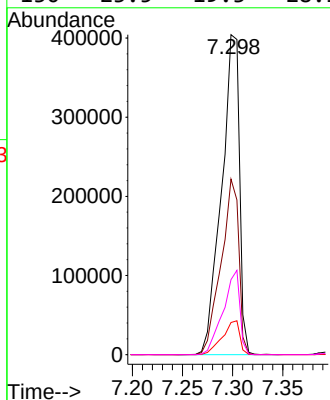
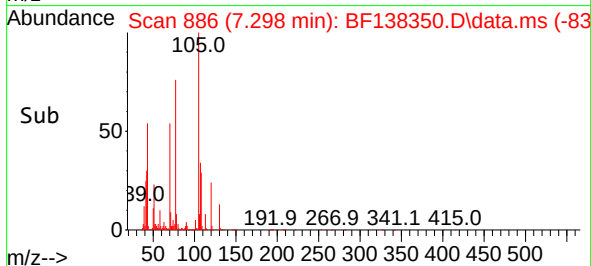


Tgt Ion: 70 Resp: 503120
Ion Ratio Lower Upper
70 100
42 54.8 42.8 64.2
101 10.0 8.4 12.6
130 23.5 19.3 28.9

Manual Integrations

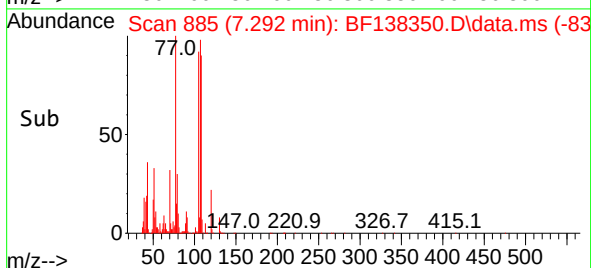
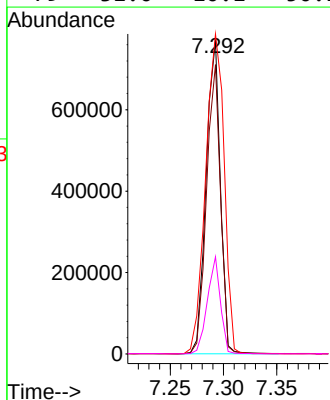
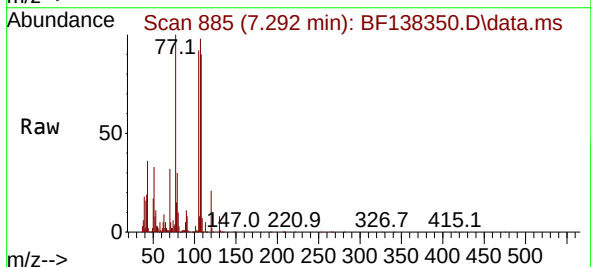
APPROVED

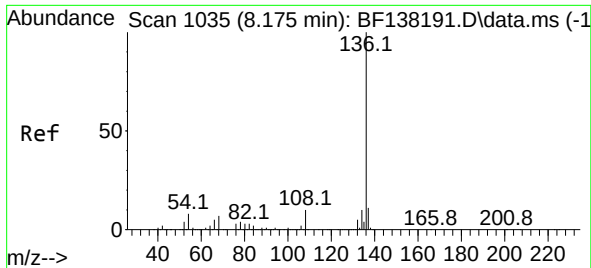
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#20
3+4-Methylphenols
Concen: 40.188 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:107 Resp: 717084
Ion Ratio Lower Upper
107 100
108 92.2 74.9 114.9
77 102.1 78.2 118.2
79 31.0 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

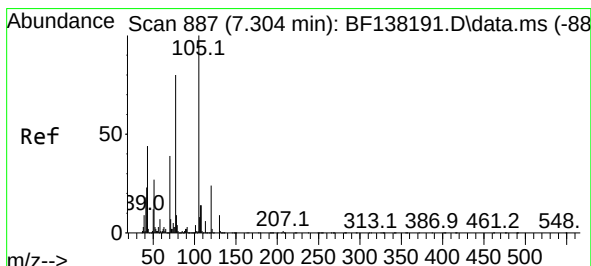
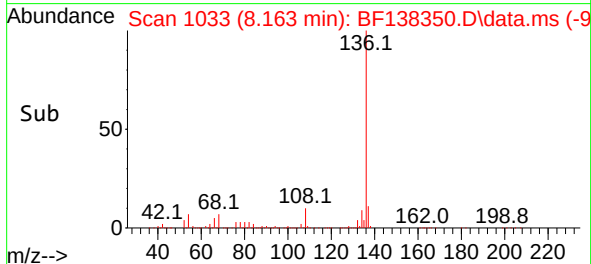
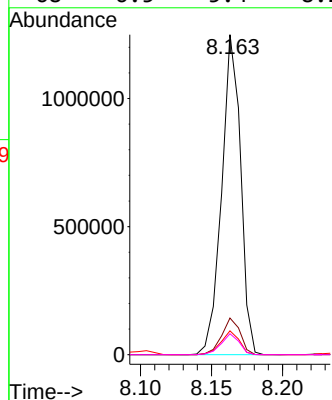
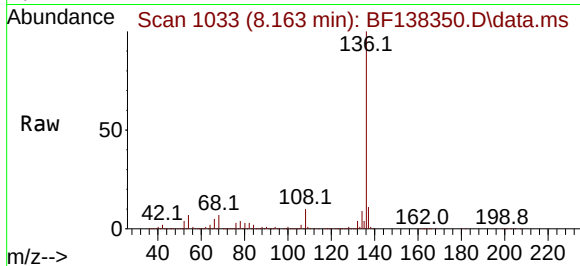
PB161686BS

Tgt Ion:136 Resp: 115479
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.5 6.6 10.0
68 6.5 5.4 8.2

Manual Integrations

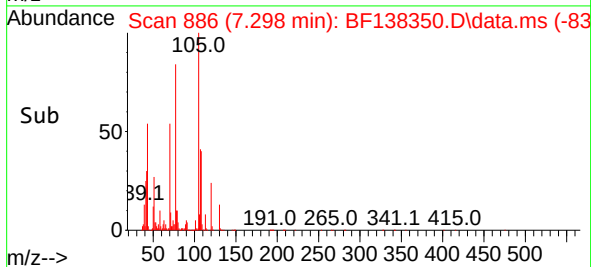
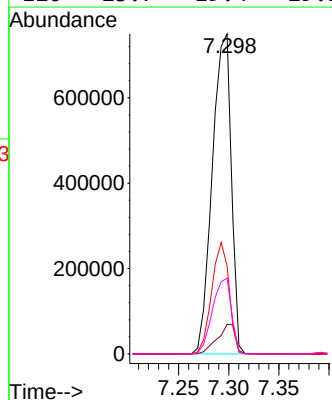
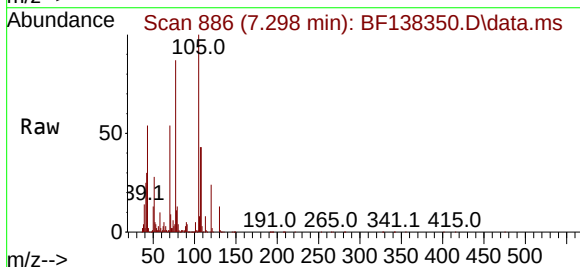
APPROVED

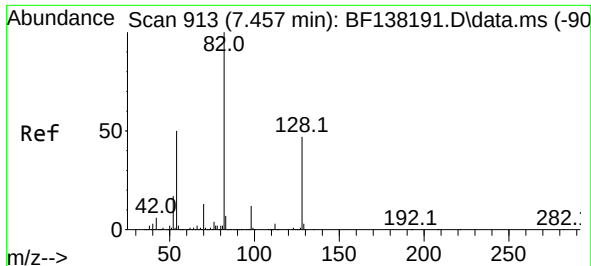
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Acetophenone
Concen: 37.417 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:105 Resp: 987078
Ion Ratio Lower Upper
105 100
71 9.3 5.4 8.2#
51 27.6 21.4 32.0
120 23.7 19.4 29.2





#23

Nitrobenzene-d5

Concen: 76.682 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

Tgt Ion: 82 Resp: 152108

Ion Ratio Lower Upper

82 100

128 48.7 37.2 55.8

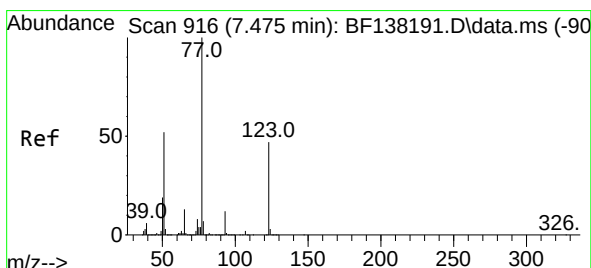
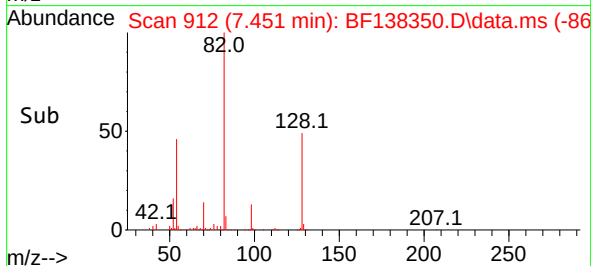
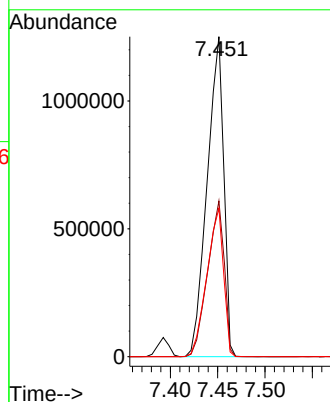
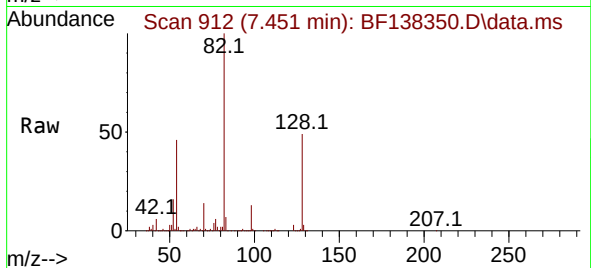
54 46.4 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#24

Nitrobenzene

Concen: 38.086 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

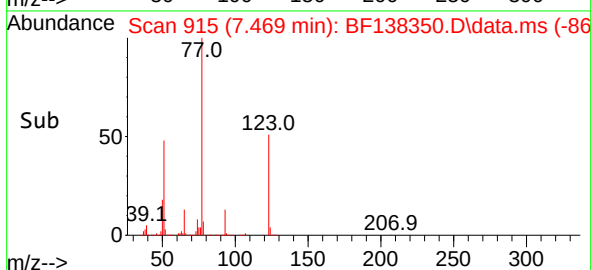
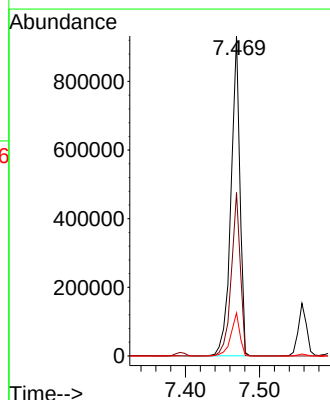
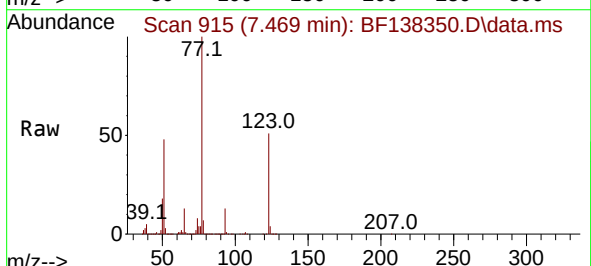
Tgt Ion: 77 Resp: 780836

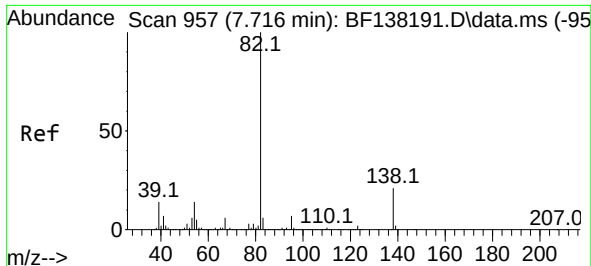
Ion Ratio Lower Upper

77 100

123 51.0 37.3 55.9

65 13.5 10.6 15.8





#25
Isophorone
Concen: 40.969 ng
RT: 7.704 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

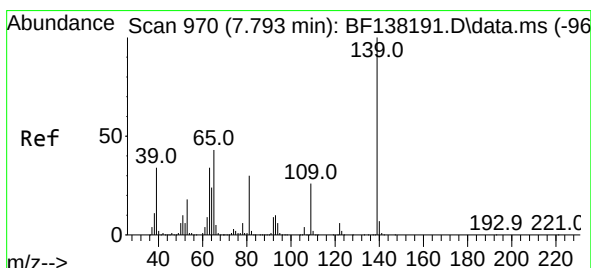
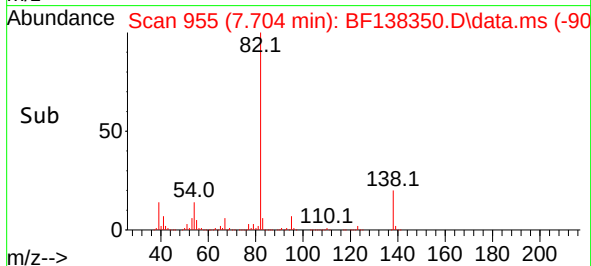
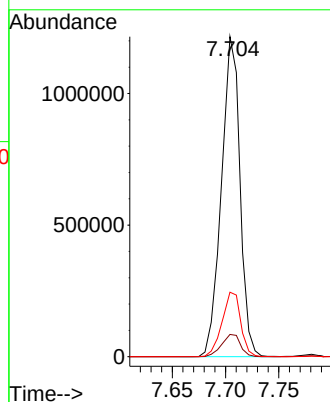
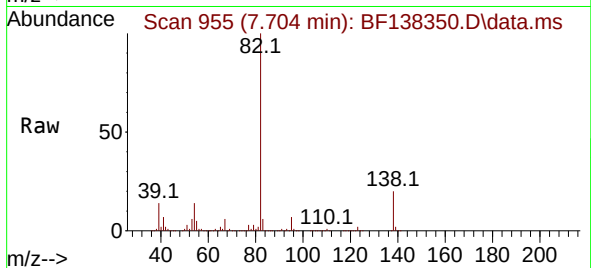
PB161686BS

Tgt Ion: 82 Resp: 146995
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 20.2 16.4 24.6

Manual Integrations

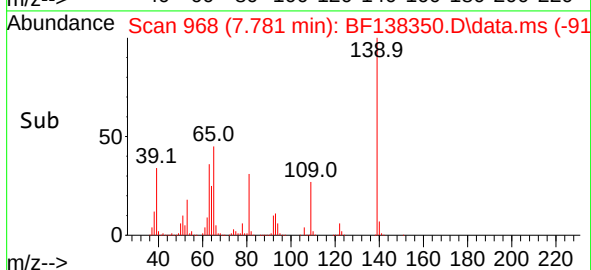
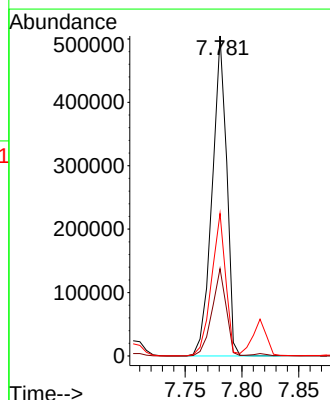
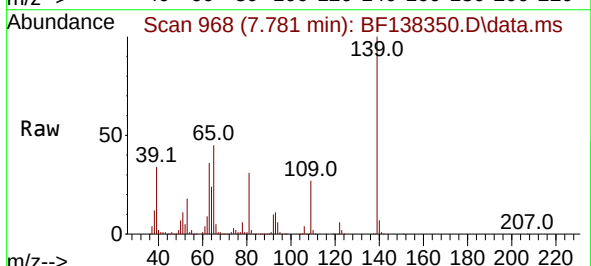
APPROVED

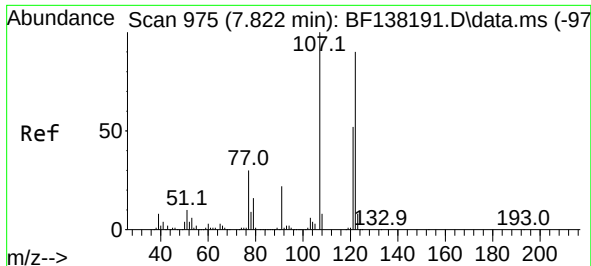
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#26
2-Nitrophenol
Concen: 54.240 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:139 Resp: 447150
Ion Ratio Lower Upper
139 100
109 27.3 20.7 31.1
65 44.6 34.5 51.7





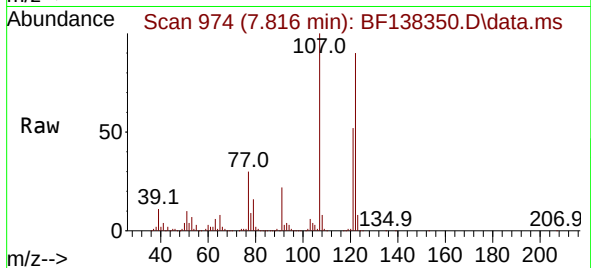
#27
2,4-Dimethylphenol
Concen: 45.106 ng
RT: 7.816 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS



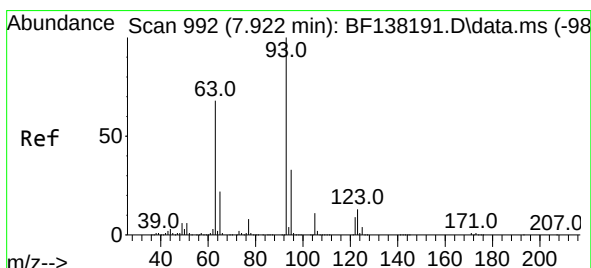
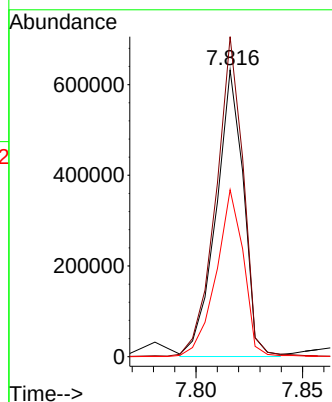
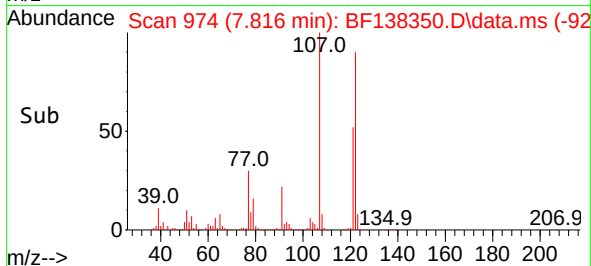
Tgt Ion:122 Resp: 56572
Ion Ratio Lower Upper
122 100
107 111.6 87.7 131.5
121 58.2 45.8 68.8

Manual Integrations

APPROVED

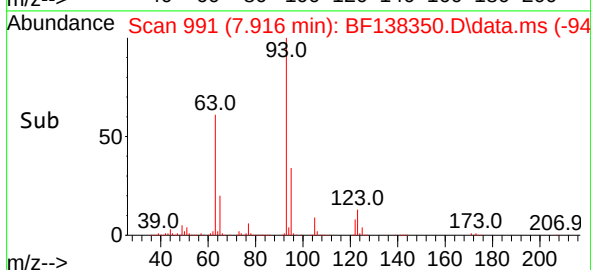
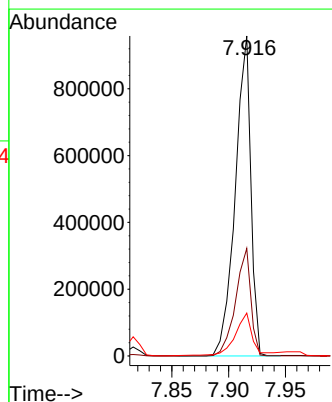
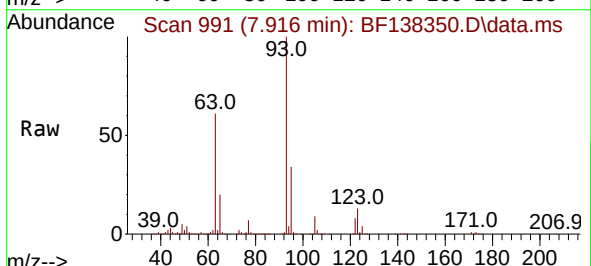
Reviewed By :Yogesh Patel 06/27/2024

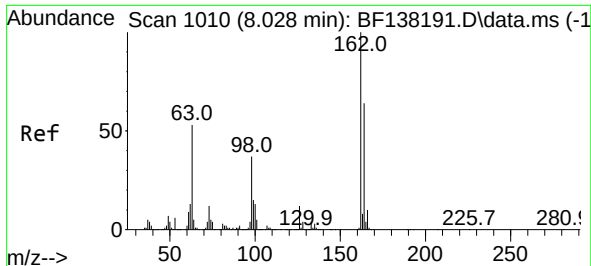
Supervised By :mohammad ahmed 06/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.570 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion: 93 Resp: 911217
Ion Ratio Lower Upper
93 100
95 33.6 26.6 39.8
123 13.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 42.402 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

Tgt Ion:162 Resp: 684689

Ion Ratio Lower Upper

162 100

164 63.8 44.3 84.3

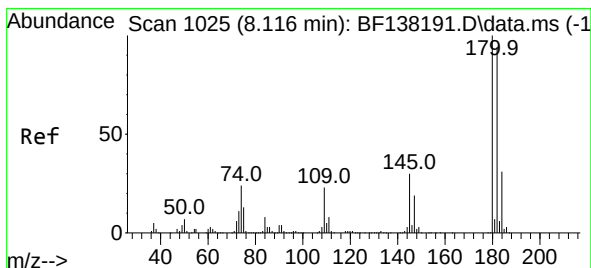
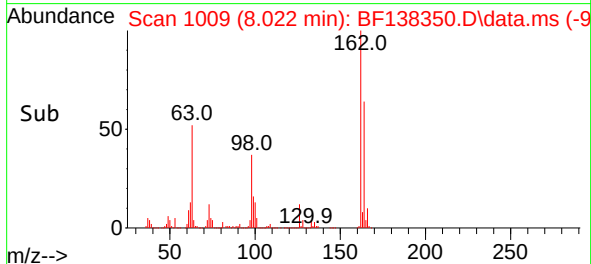
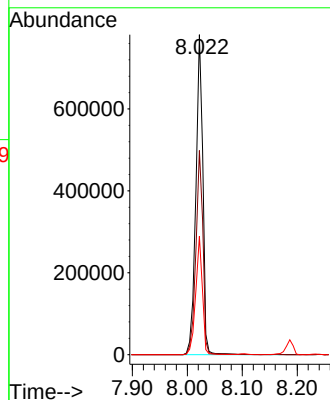
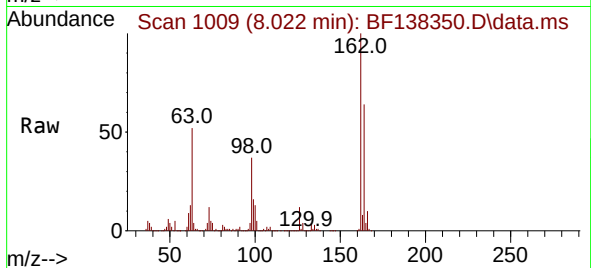
98 37.0 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.724 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.012 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

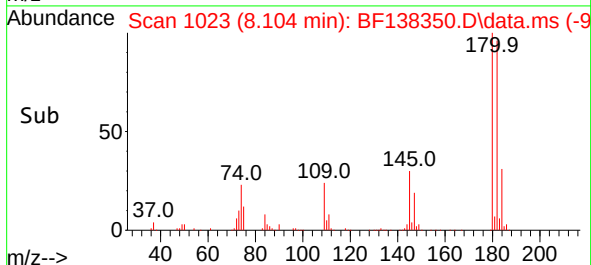
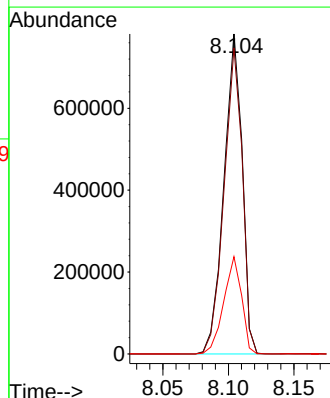
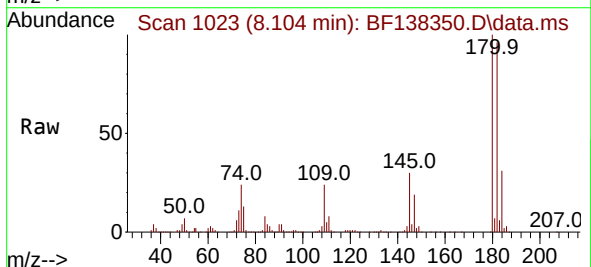
Tgt Ion:180 Resp: 756479

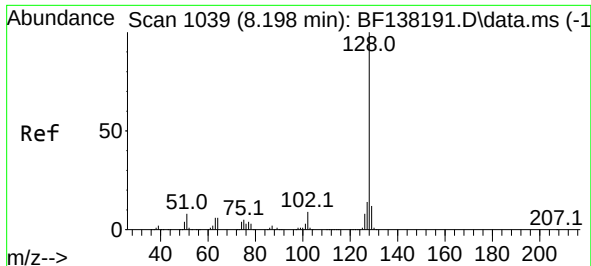
Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.6

145 30.4 23.8 35.6





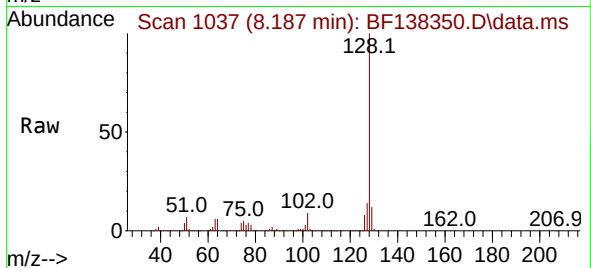
#31
Naphthalene
Concen: 39.563 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS



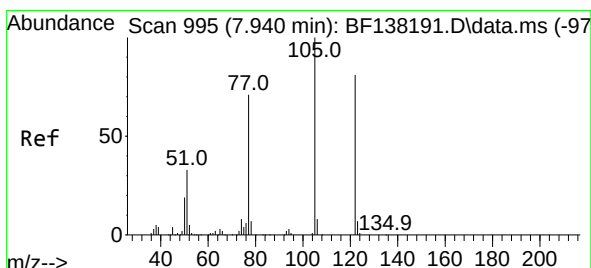
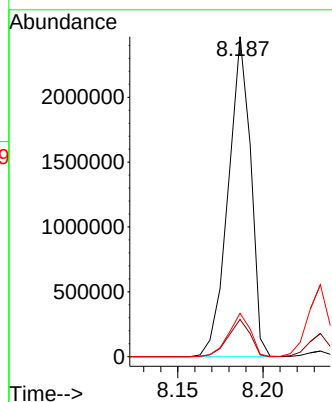
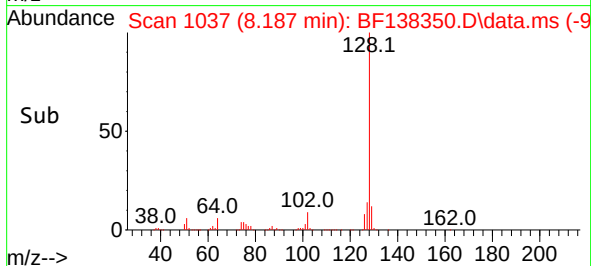
Tgt Ion:128 Resp: 225909
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.5 11.0 16.6

Manual Integrations

APPROVED

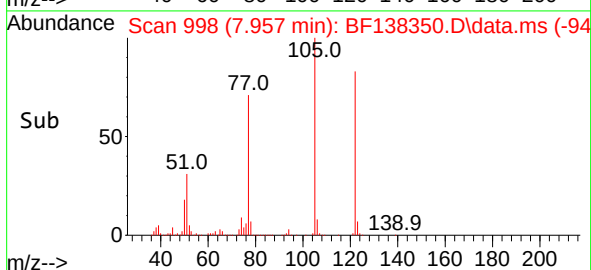
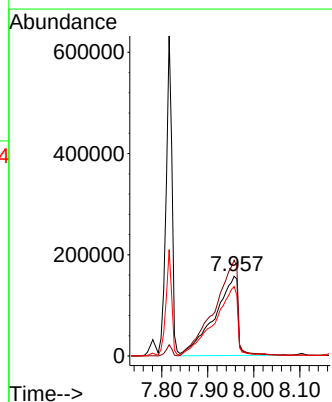
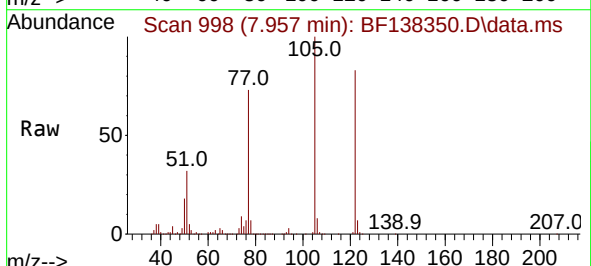
Reviewed By :Yogesh Patel 06/27/2024

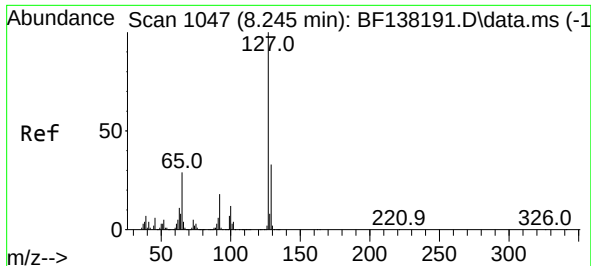
Supervised By :mohammad ahmed 06/27/2024



#32
Benzoic acid
Concen: 50.606 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.017 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:122 Resp: 559412
Ion Ratio Lower Upper
122 100
105 120.2 100.1 140.1
77 87.2 66.5 106.5





#33

4-Chloroaniline

Concen: 25.561 ng

RT: 8.234 min Scan# 1045

Delta R.T. -0.012 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

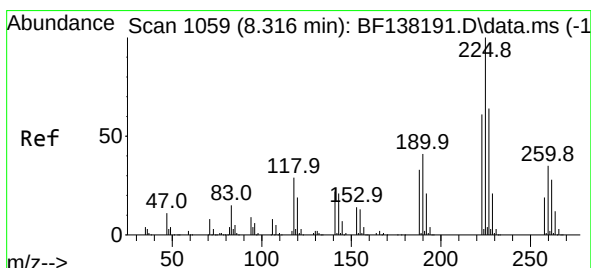
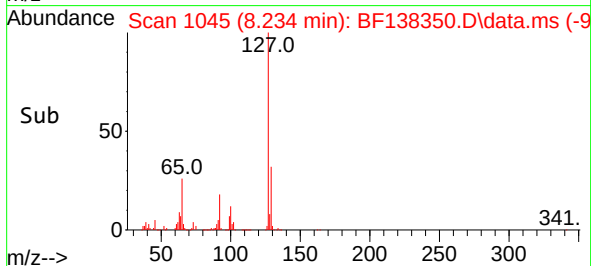
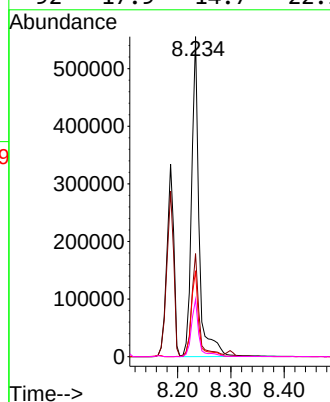
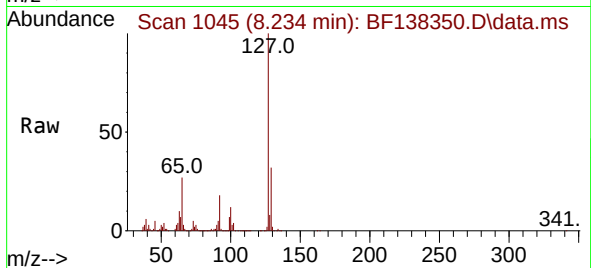
Tgt Ion:127 Resp: 545520

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	26.8	23.6	35.4
92	17.9	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#34

Hexachlorobutadiene

Concen: 40.276 ng

RT: 8.298 min Scan# 1056

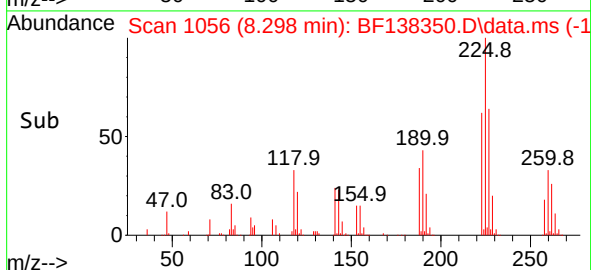
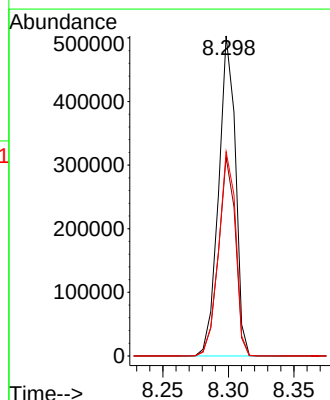
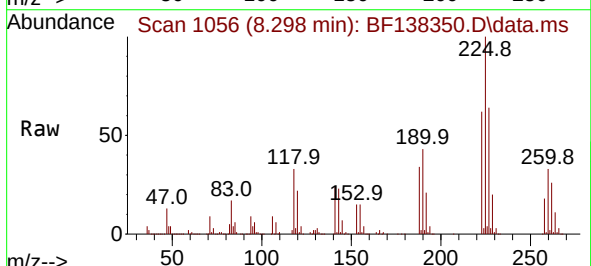
Delta R.T. -0.018 min

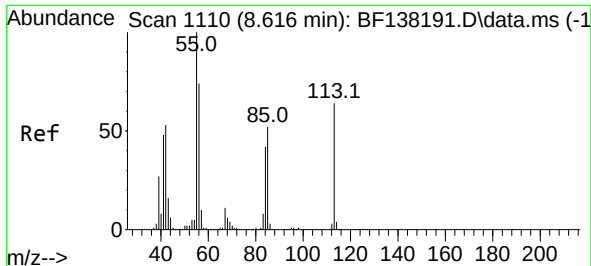
Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

Tgt Ion:225 Resp: 448566

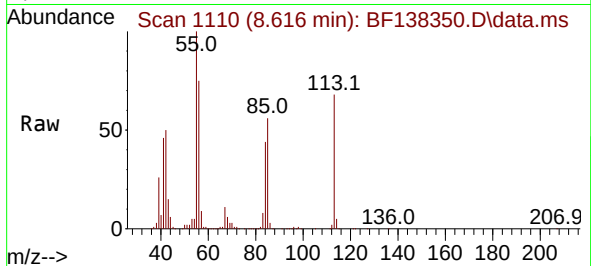
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.0	73.6
227	63.9	51.2	76.8





#35
Caprolactam
Concen: 50.915 ng m
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

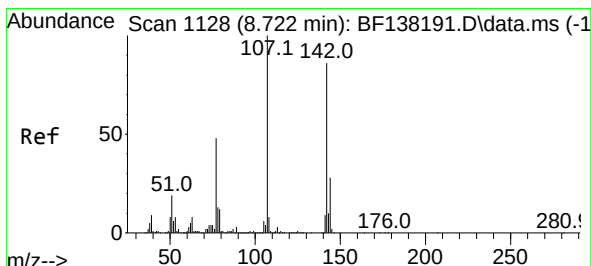
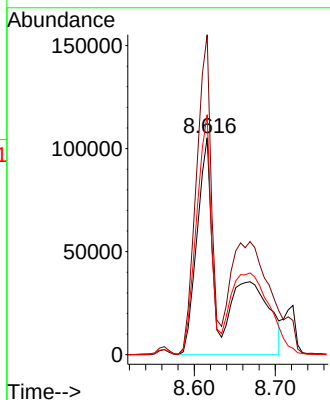
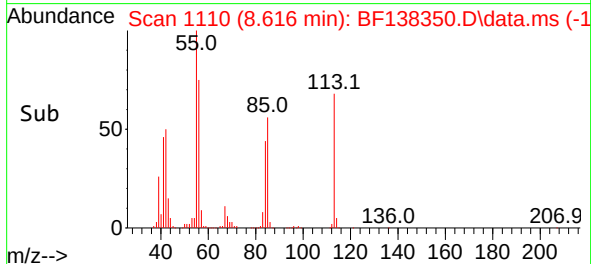
Instrument :
BNA_F
ClientSampleId :
PB161686BS



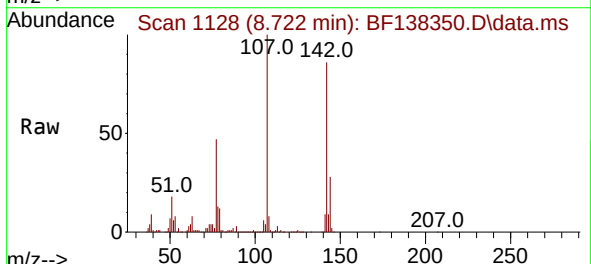
Tgt Ion:113 Resp: 248208
Ion Ratio Lower Upper
113 100
55 147.5 135.4 175.4
56 110.7 95.5 135.5

Manual Integrations
APPROVED

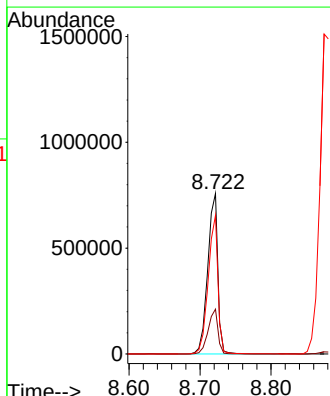
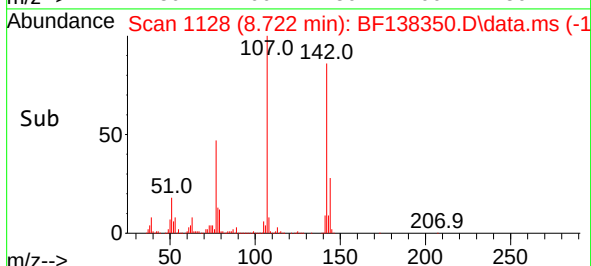
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

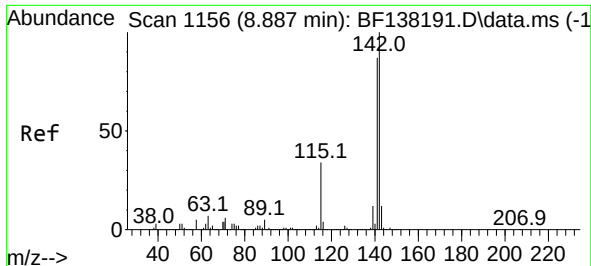


#36
4-Chloro-3-methylphenol
Concen: 46.719 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15



Tgt Ion:107 Resp: 751128
Ion Ratio Lower Upper
107 100
144 27.9 22.6 34.0
142 86.3 69.0 103.4





#37

2-Methylnaphthalene

Concen: 41.405 ng

RT: 8.875 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

Tgt Ion:142 Resp: 155169

Ion Ratio Lower Upper

142 100

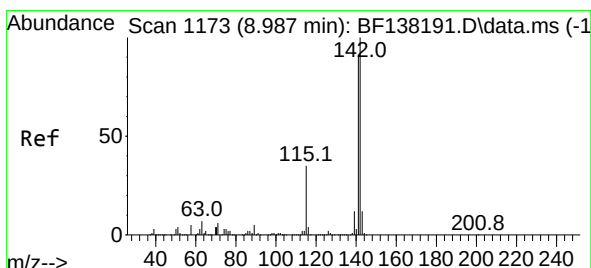
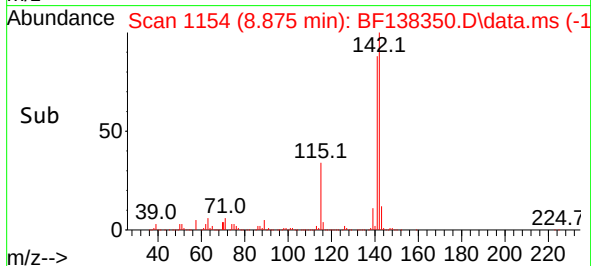
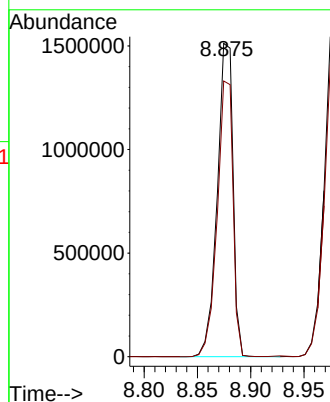
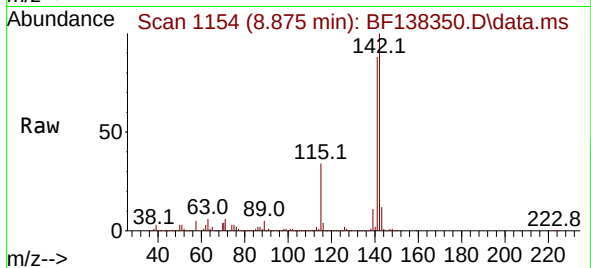
141 88.0 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#38

1-Methylnaphthalene

Concen: 40.025 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BF138350.D

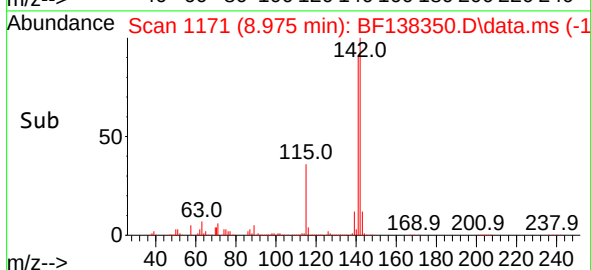
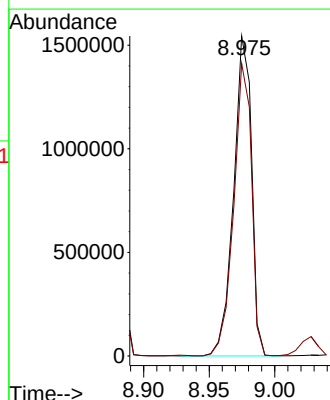
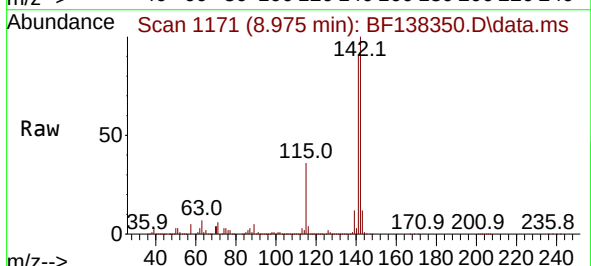
Acq: 26 Jun 2024 14:15

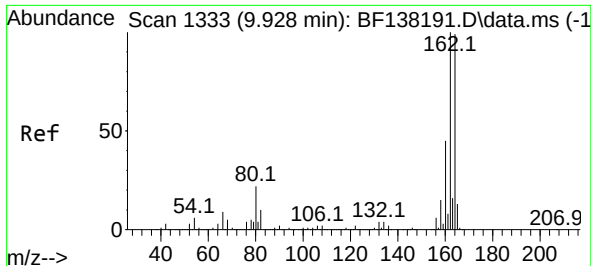
Tgt Ion:142 Resp: 1469901

Ion Ratio Lower Upper

142 100

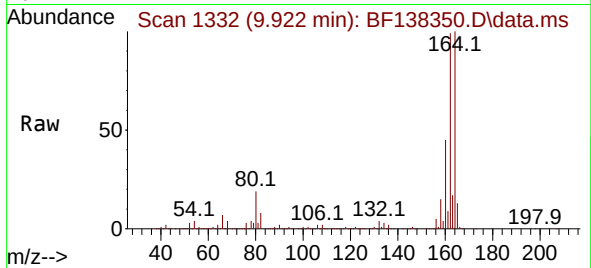
141 91.4 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

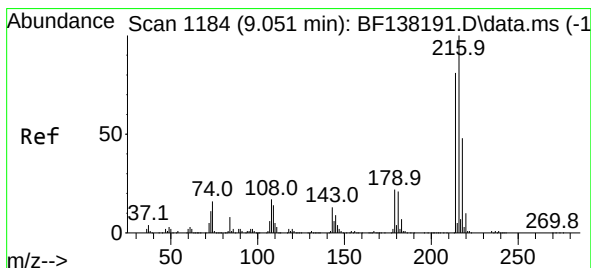
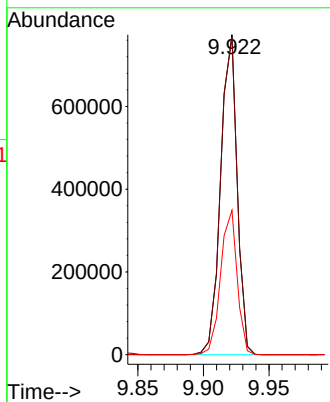
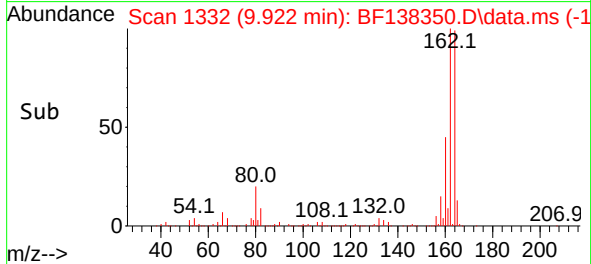
Instrument :
BNA_F
ClientSampleId :
PB161686BS



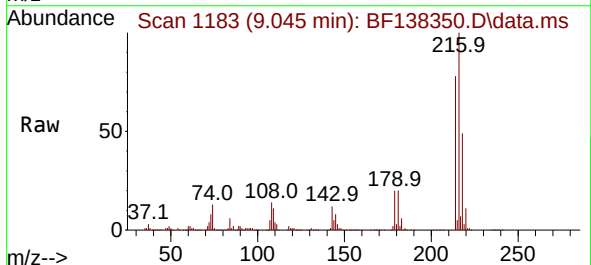
Tgt Ion:164 Resp: 67391
Ion Ratio Lower Upper
164 100
162 99.2 80.6 121.0
160 45.1 36.3 54.5

Manual Integrations
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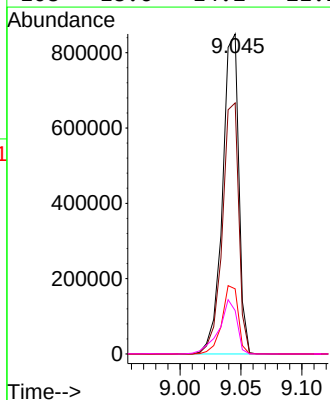
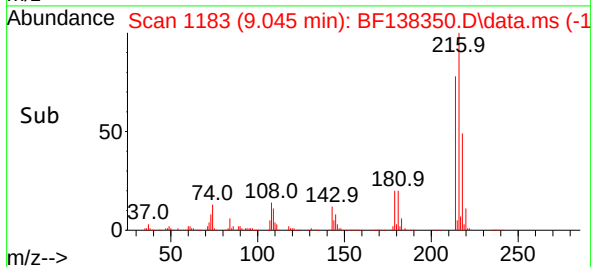
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

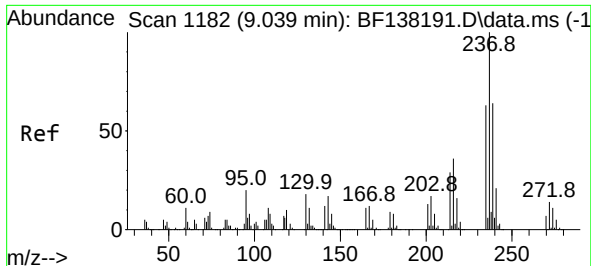


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.234 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15



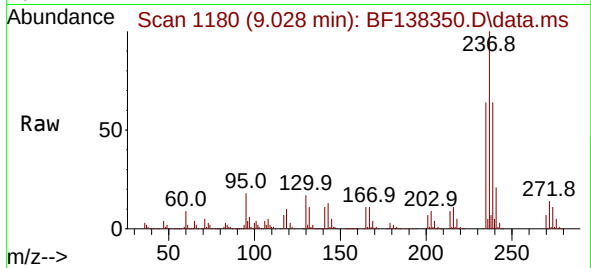
Tgt Ion:216 Resp: 792327
Ion Ratio Lower Upper
216 100
214 79.0 63.7 95.5
179 21.3 16.9 25.3
108 18.6 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 114.907 ng
RT: 9.028 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

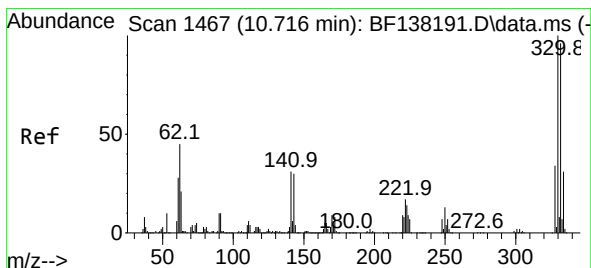
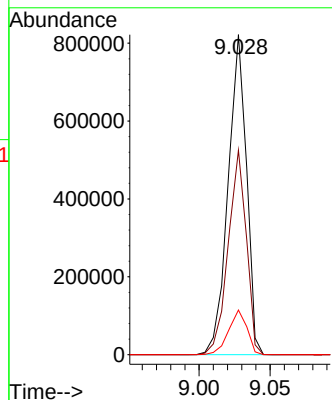
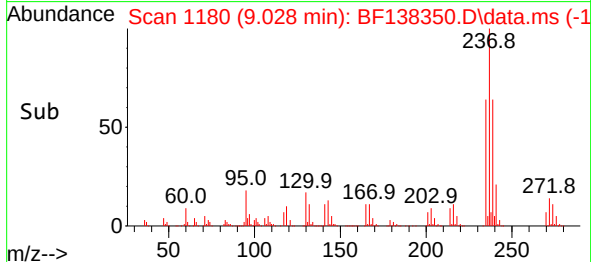
Instrument :
BNA_F
ClientSampleId :
PB161686BS



Tgt Ion:237 Resp: 73785
Ion Ratio Lower Upper
237 100
235 63.9 43.3 83.3
272 13.9 0.0 34.0

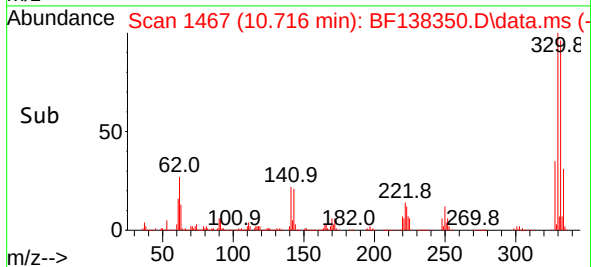
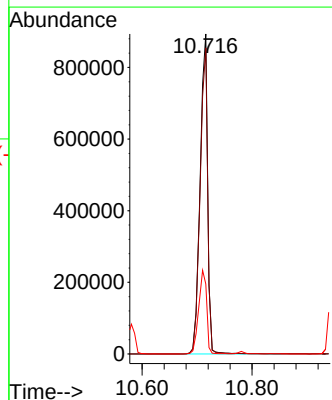
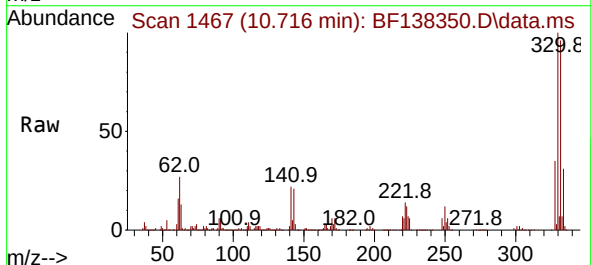
Manual Integrations
APPROVED

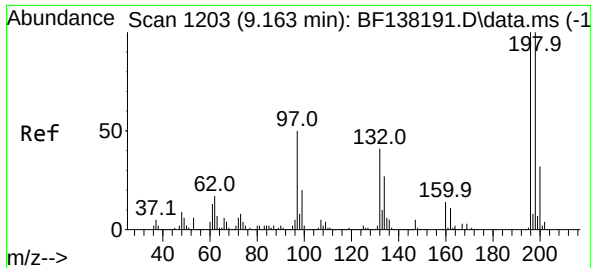
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#42
2,4,6-Tribromophenol
Concen: 127.195 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

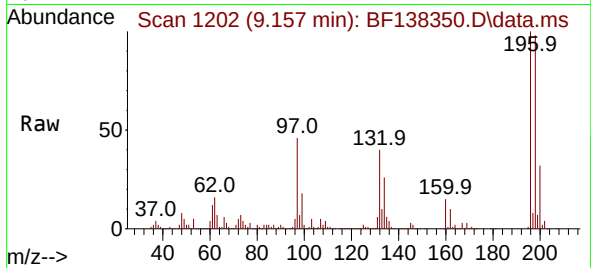
Tgt Ion:330 Resp: 853340
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 27.7 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 44.428 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

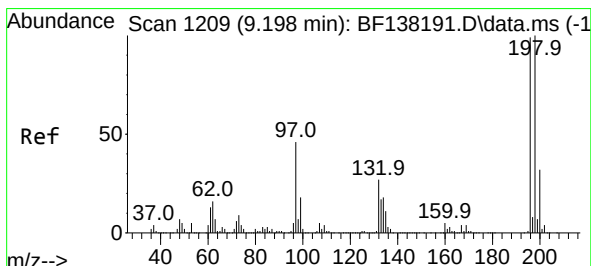
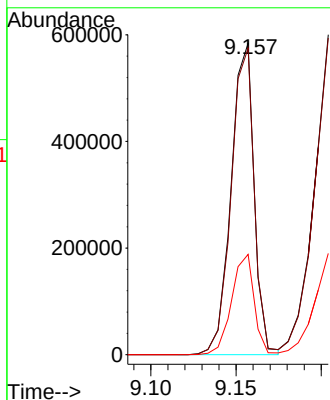
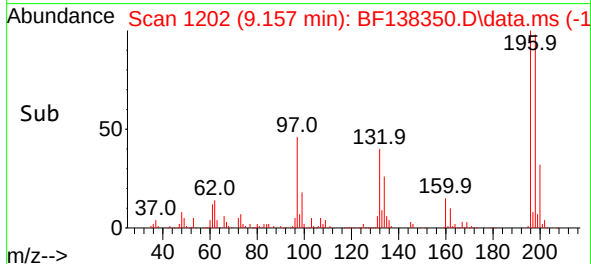
Instrument :
BNA_F
ClientSampleId :
PB161686BS



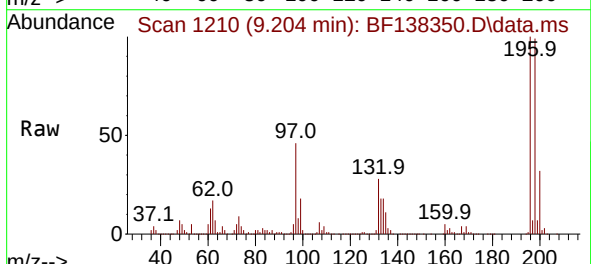
Tgt Ion:196 Resp: 547830
Ion Ratio Lower Upper
196 100
198 98.4 79.8 119.6
200 32.2 25.9 38.9

Manual Integrations
APPROVED

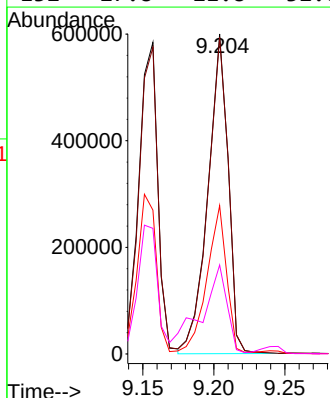
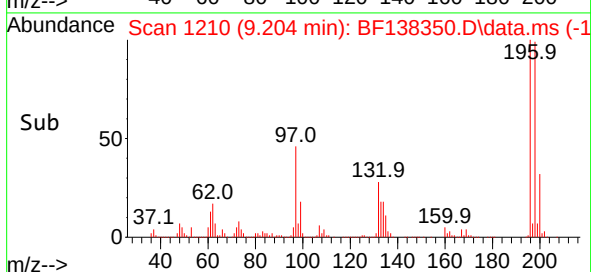
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

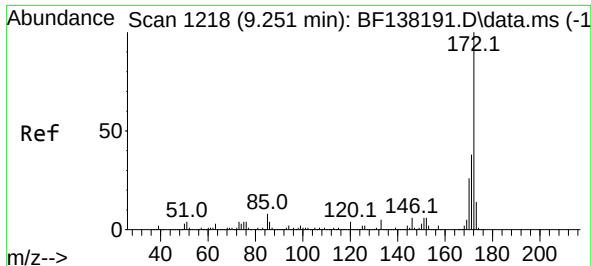


#44
2,4,5-Trichlorophenol
Concen: 43.831 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15



Tgt Ion:196 Resp: 593525
Ion Ratio Lower Upper
196 100
198 99.0 80.4 120.6
97 46.4 37.4 56.2
132 27.8 21.8 32.6





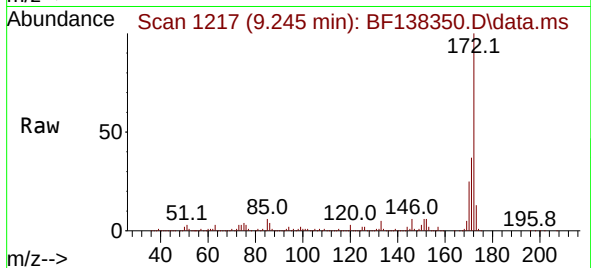
#45
2-Fluorobiphenyl
Concen: 69.800 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

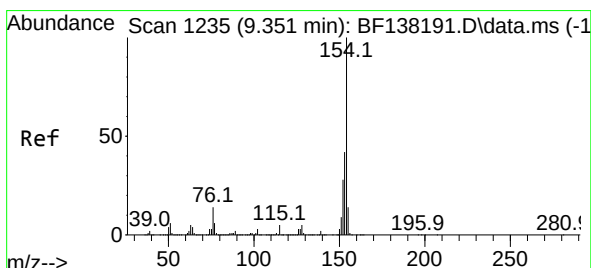
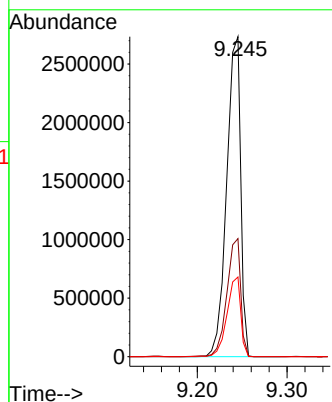
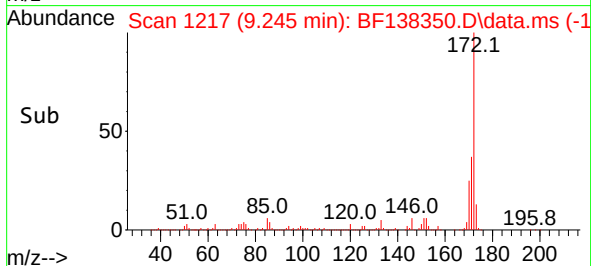


Tgt Ion:172 Resp: 2958150
Ion Ratio Lower Upper
172 100
171 36.9 30.3 45.5
170 24.9 20.6 30.8

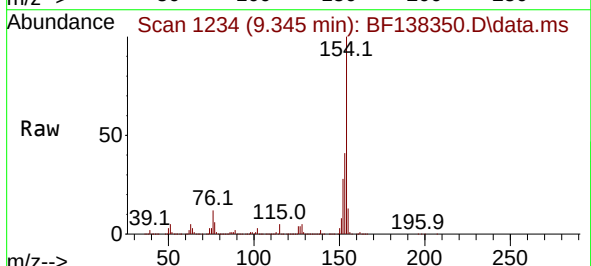
Manual Integrations

APPROVED

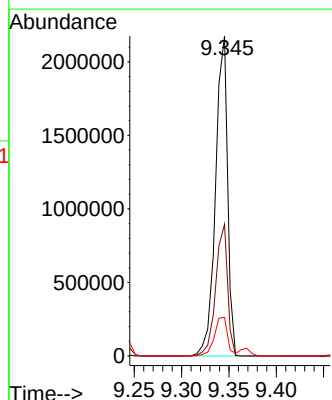
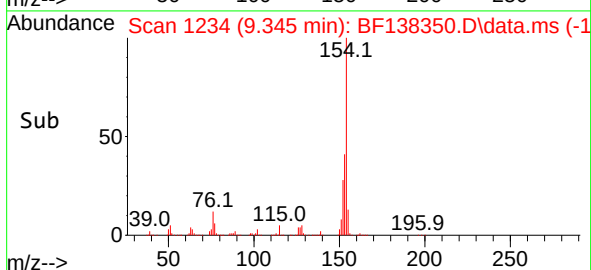
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

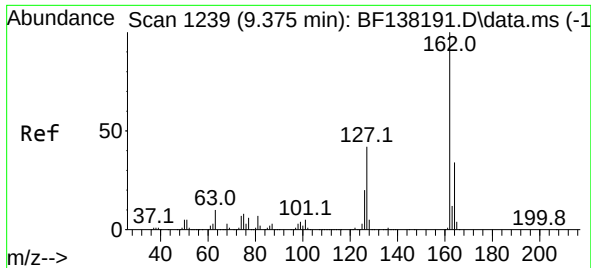


#46
1,1'-Biphenyl
Concen: 38.823 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15



Tgt Ion:154 Resp: 1919821
Ion Ratio Lower Upper
154 100
153 41.2 22.1 62.1
76 12.1 0.0 34.3





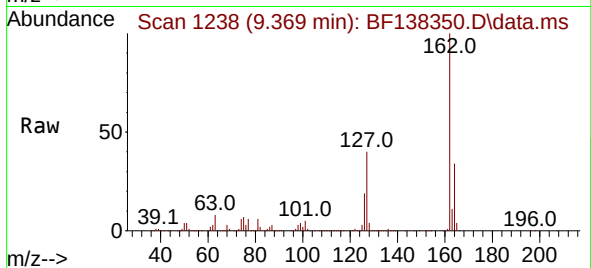
#47
2-Chloronaphthalene
Concen: 39.383 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS



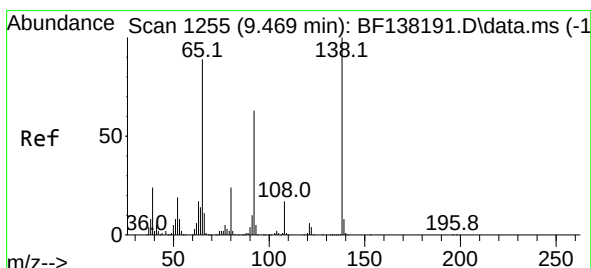
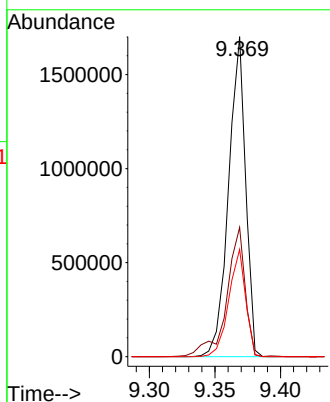
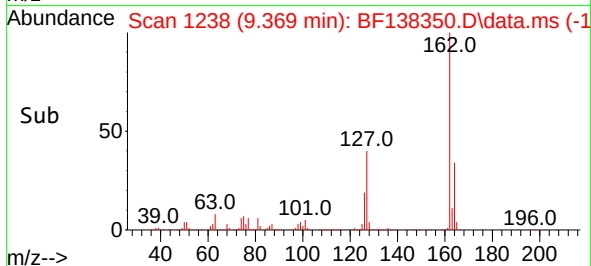
Tgt Ion:162 Resp: 1539140
Ion Ratio Lower Upper
162 100
127 40.4 33.6 50.4
164 33.5 27.2 40.8

Manual Integrations

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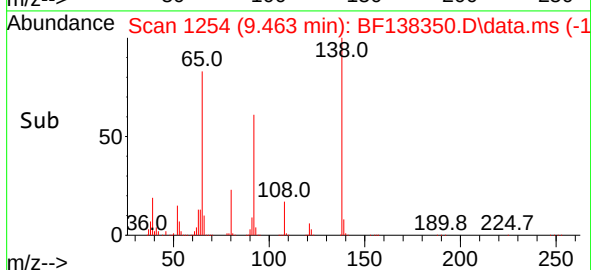
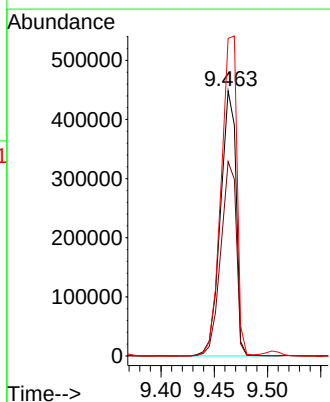
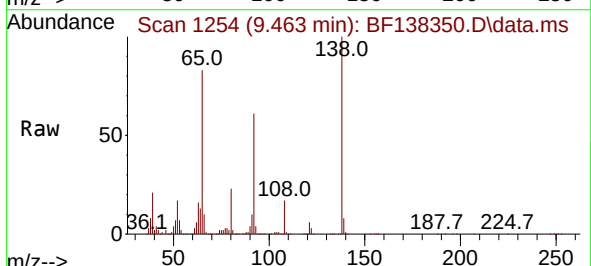
Reviewed By :Yogesh Patel 06/27/2024

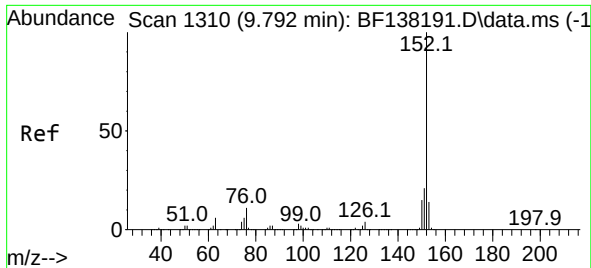
Supervised By :mohammad ahmed 06/27/2024



#48
2-Nitroaniline
Concen: 48.314 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion: 65 Resp: 454725
Ion Ratio Lower Upper
65 100
92 73.3 56.6 85.0
138 119.8 90.1 135.1





#49

Acenaphthylene

Concen: 43.096 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

Tgt Ion:152 Resp: 2361714

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

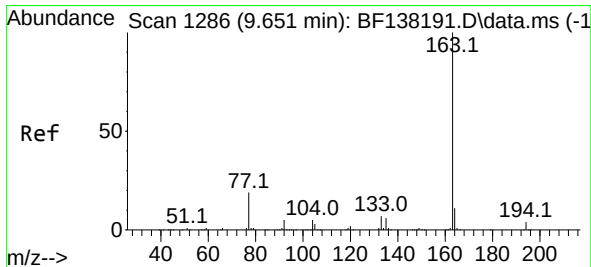
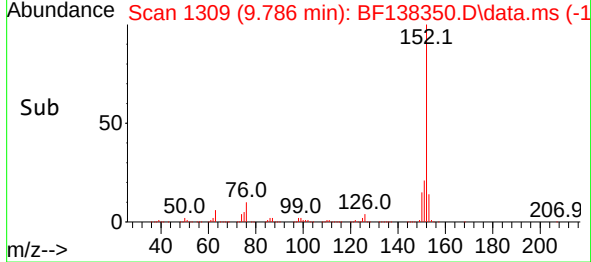
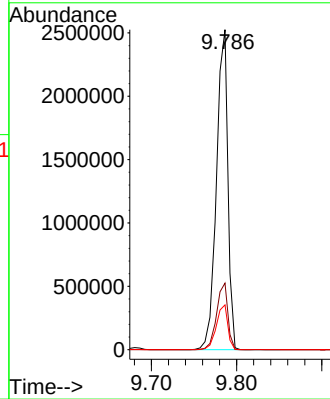
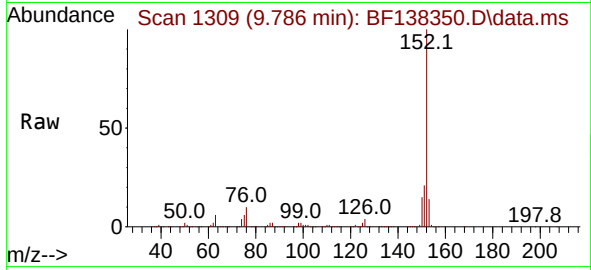
153 14.0 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#50

Dimethylphthalate

Concen: 44.919 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

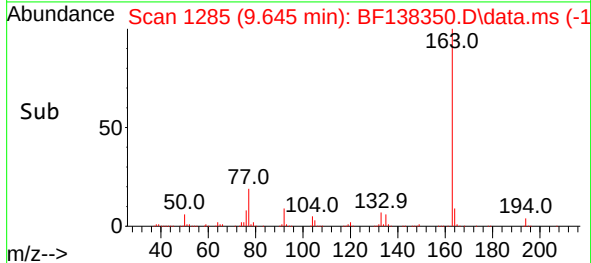
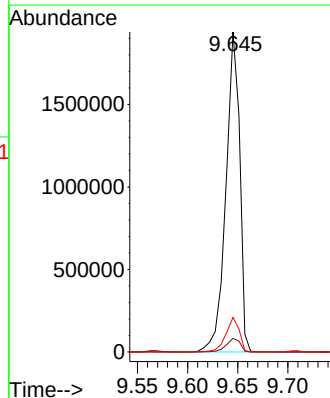
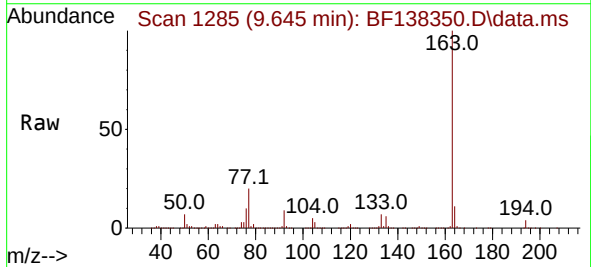
Tgt Ion:163 Resp: 1854745

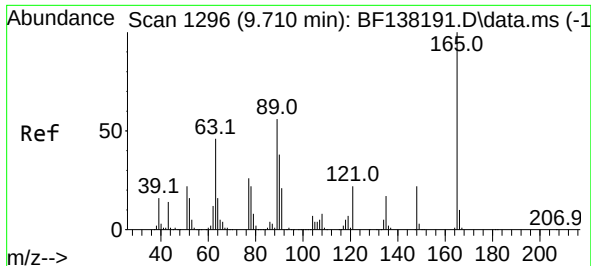
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.8 8.5 12.7





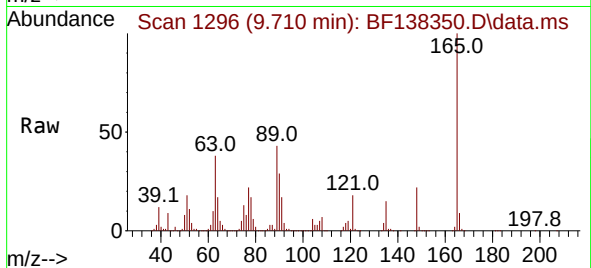
#51
2,6-Dinitrotoluene
Concen: 48.976 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS



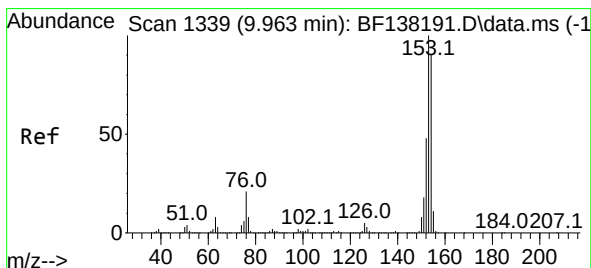
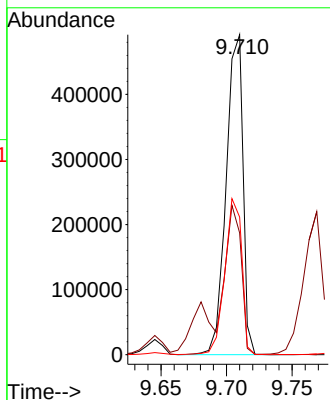
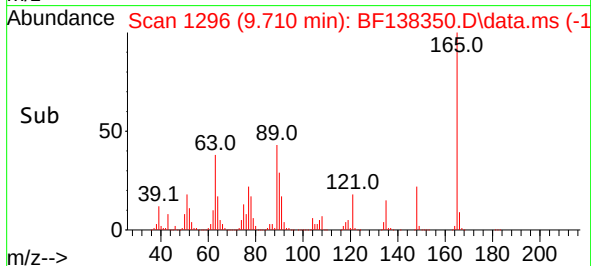
Tgt Ion:165 Resp: 438711
Ion Ratio Lower Upper
165 100
63 38.0 43.7 65.5
89 43.0 44.9 67.3

Manual Integrations

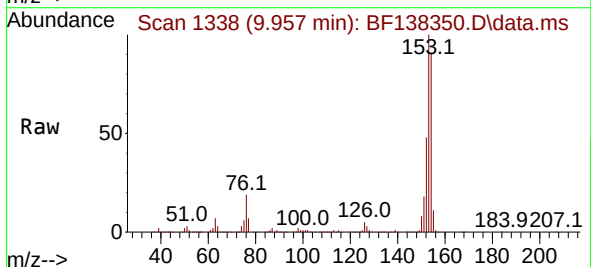
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

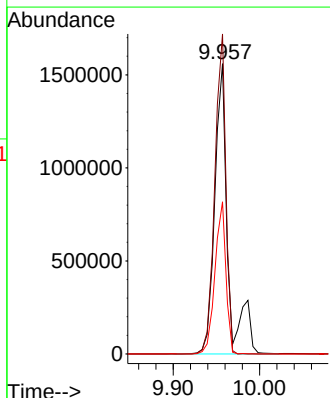
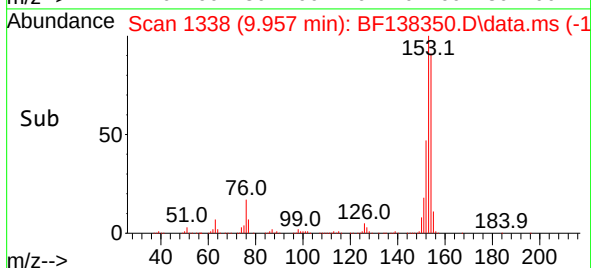
Supervised By :mohammad ahmed 06/27/2024

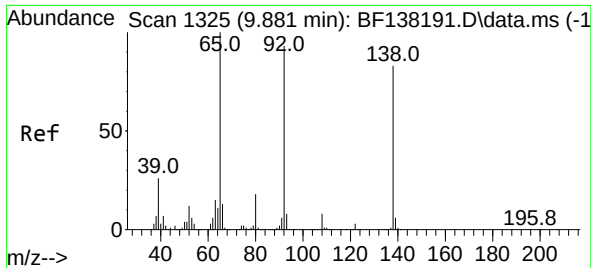


#52
Acenaphthene
Concen: 44.491 ng m
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15



Tgt Ion:154 Resp: 1662572
Ion Ratio Lower Upper
154 100
153 110.3 89.1 133.7
152 52.5 42.4 63.6





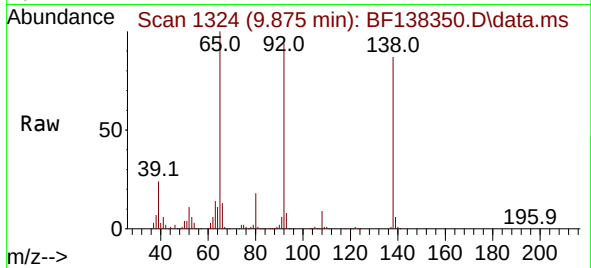
#53
3-Nitroaniline
Concen: 34.009 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS



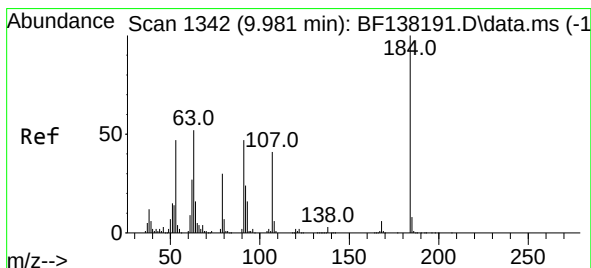
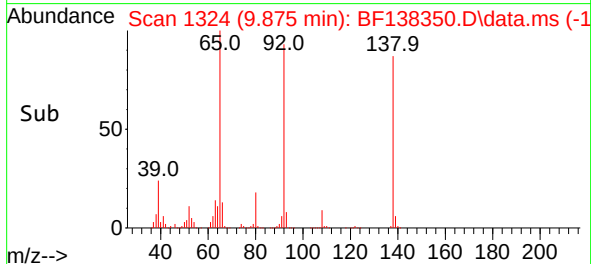
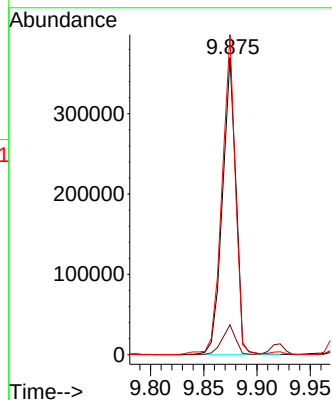
Tgt Ion:138 Resp: 325448
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 107.7 90.0 135.0

Manual Integrations

APPROVED

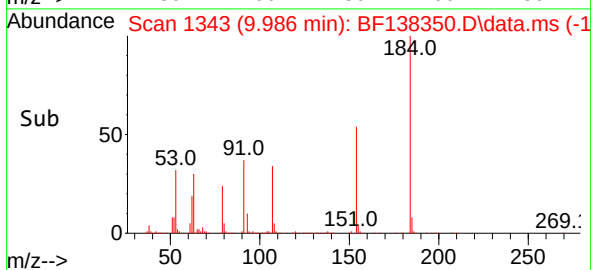
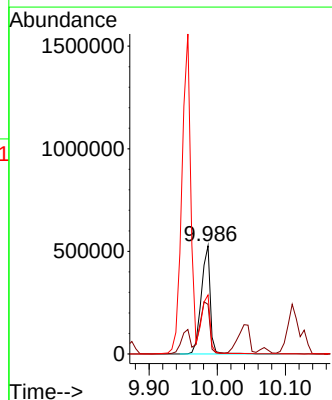
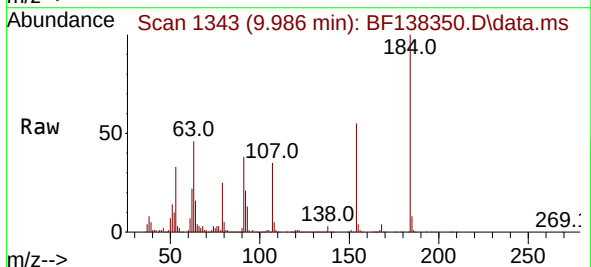
Reviewed By :Yogesh Patel 06/27/2024

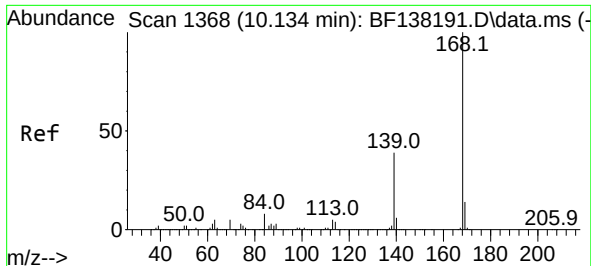
Supervised By :mohammad ahmed 06/27/2024



#54
2,4-Dinitrophenol
Concen: 98.261 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

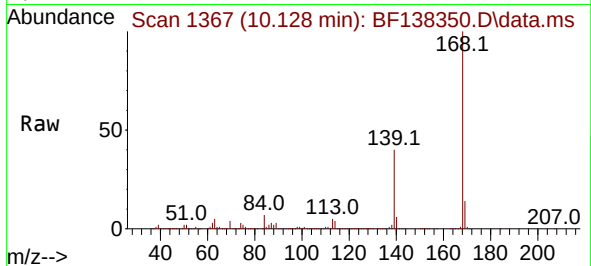
Tgt Ion:184 Resp: 486292
Ion Ratio Lower Upper
184 100
63 45.8 49.2 73.8#
154 54.6 46.7 70.1





#55
Dibenzenofuran
Concen: 40.701 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

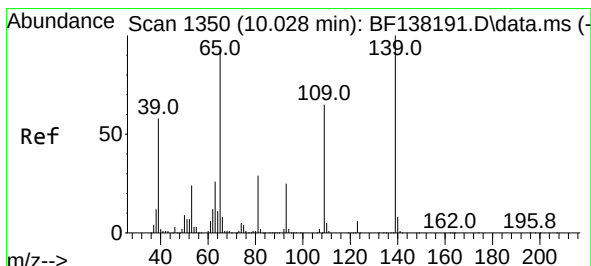
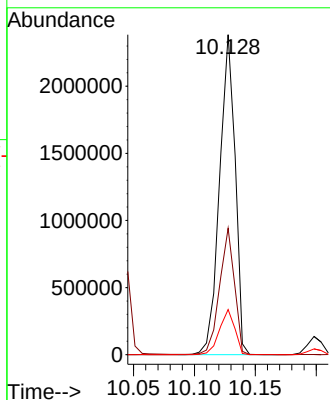
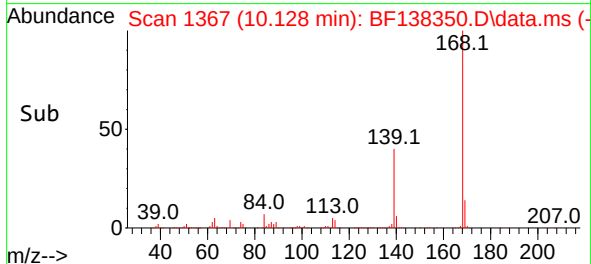
Instrument :
BNA_F
ClientSampleId :
PB161686BS



Tgt Ion:168 Resp: 212622
Ion Ratio Lower Upper
168 100
139 39.5 31.0 46.4
169 14.1 11.4 17.0

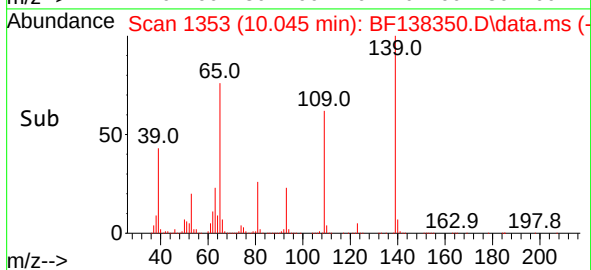
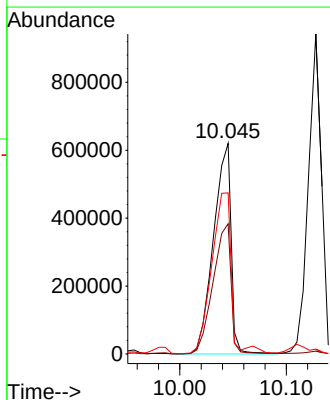
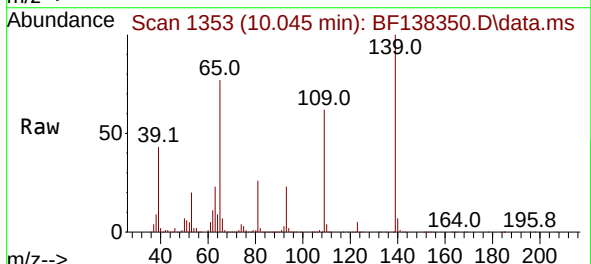
Manual Integrations
APPROVED

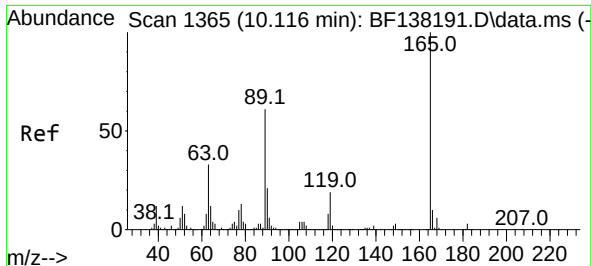
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#56
4-Nitrophenol
Concen: 93.423 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:139 Resp: 706488
Ion Ratio Lower Upper
139 100
109 61.8 44.6 84.6
65 76.5 73.1 113.1





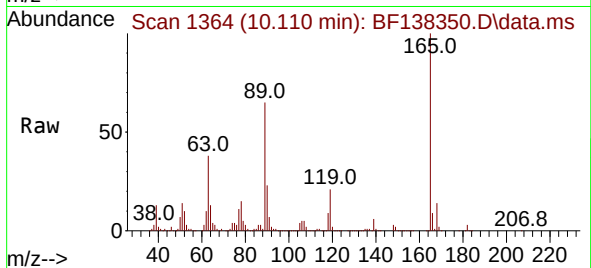
#57
2,4-Dinitrotoluene
Concen: 53.127 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

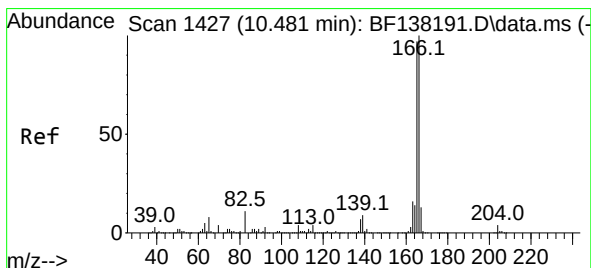
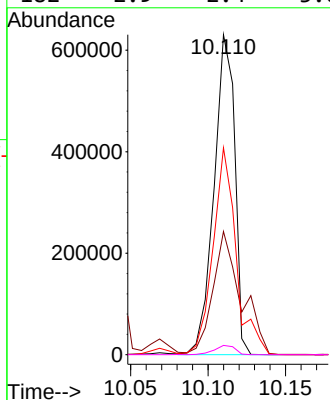
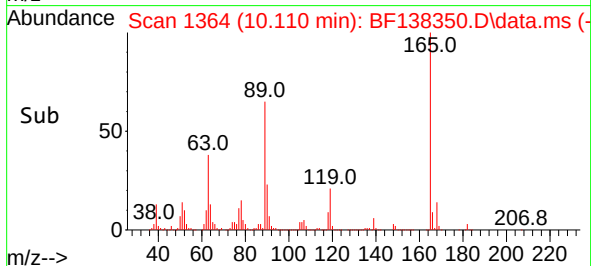


Tgt Ion:165 Resp: 586974
Ion Ratio Lower Upper
165 100
63 38.5 26.6 39.8
89 64.6 48.7 73.1
182 2.9 2.4 3.6

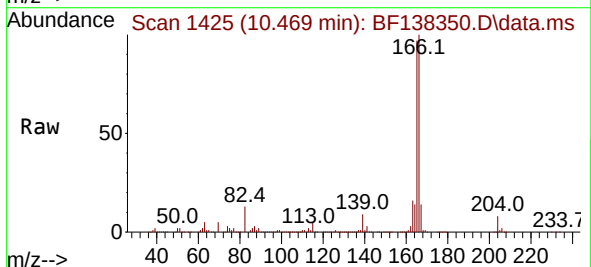
Manual Integrations

APPROVED

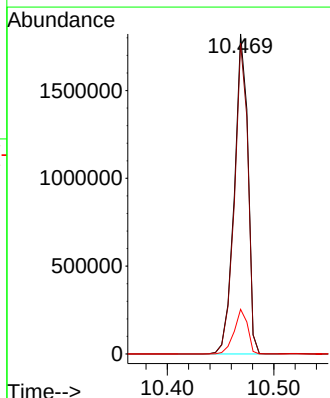
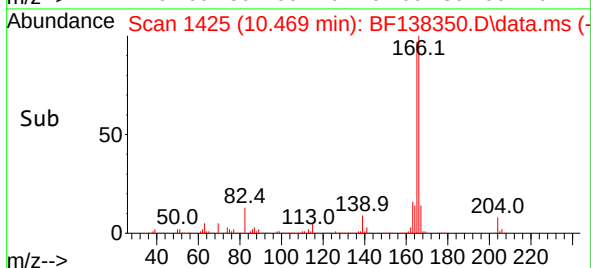
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

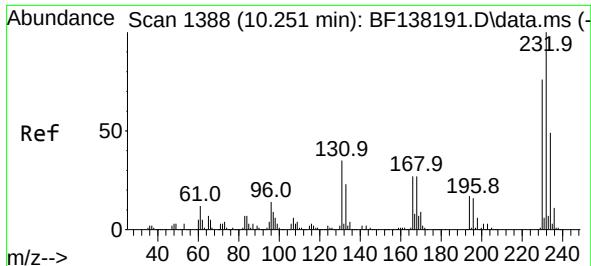


#58
Fluorene
Concen: 39.337 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15



Tgt Ion:166 Resp: 1615683
Ion Ratio Lower Upper
166 100
165 97.1 77.9 116.9
167 14.0 10.7 16.1





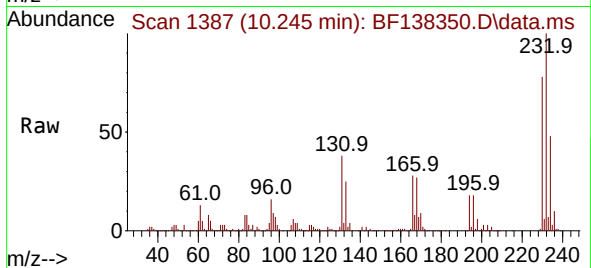
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.427 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS



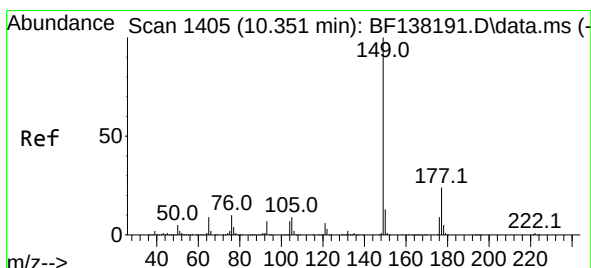
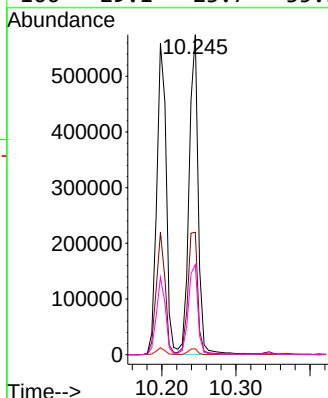
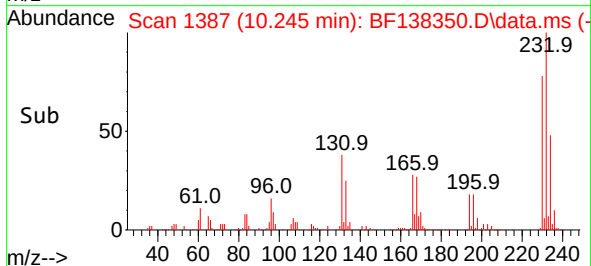
Tgt Ion:232 Resp: 491329
Ion Ratio Lower Upper
232 100
131 41.6 33.6 50.4
130 2.1 1.7 2.5
166 29.1 23.7 35.5

Manual Integrations

APPROVED

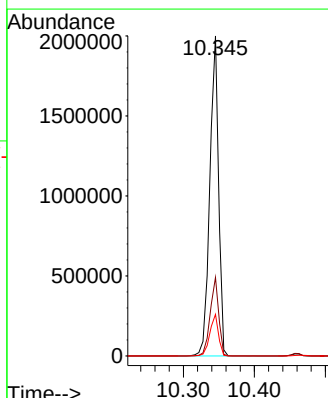
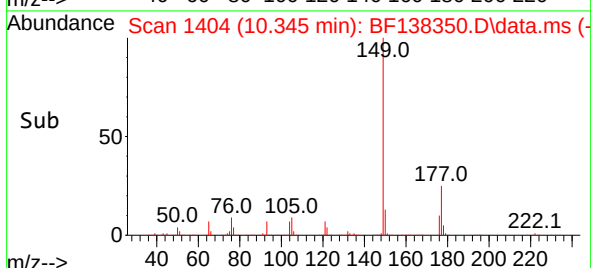
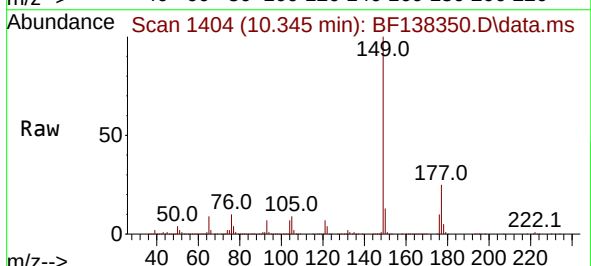
Reviewed By :Yogesh Patel 06/27/2024

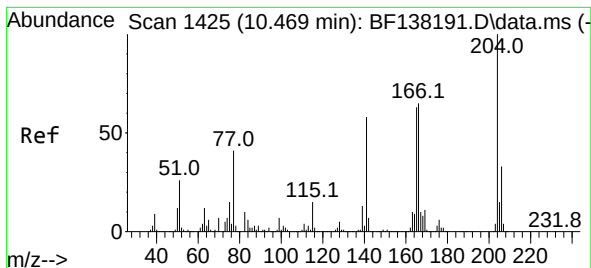
Supervised By :mohammad ahmed 06/27/2024



#60
Diethylphthalate
Concen: 43.904 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:149 Resp: 1720535
Ion Ratio Lower Upper
149 100
177 24.5 19.4 29.0
150 13.0 10.2 15.4





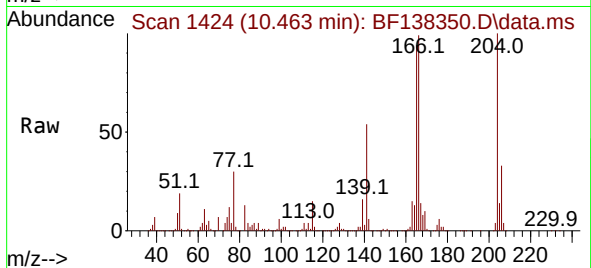
#61
4-Chlorophenyl-phenylether
Concen: 40.266 ng
RT: 10.463 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

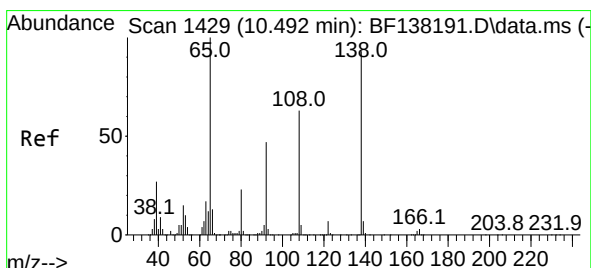
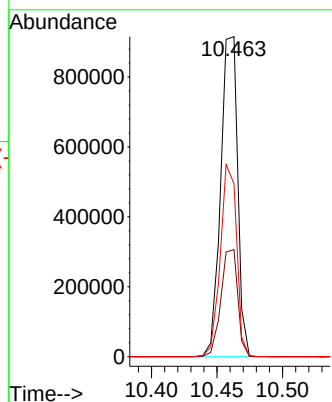
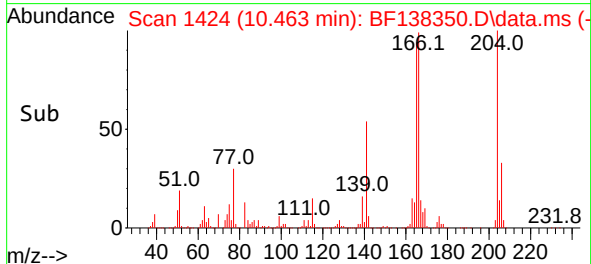


Tgt Ion:204 Resp: 823684
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 54.0 46.3 69.5

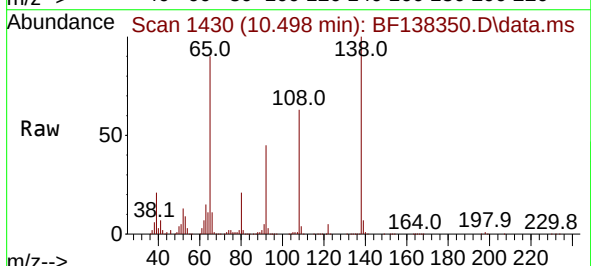
Manual Integrations

APPROVED

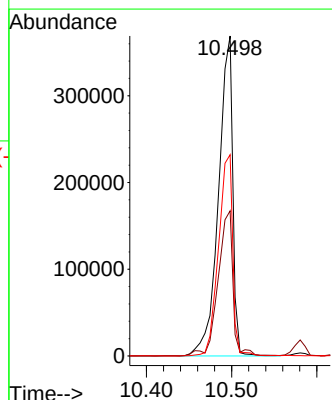
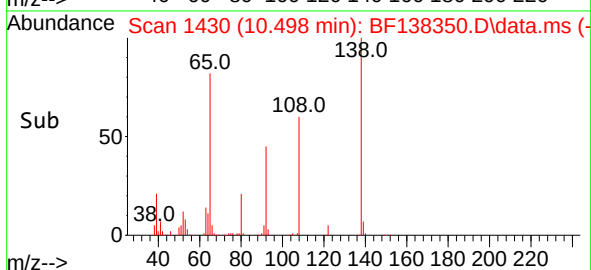
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

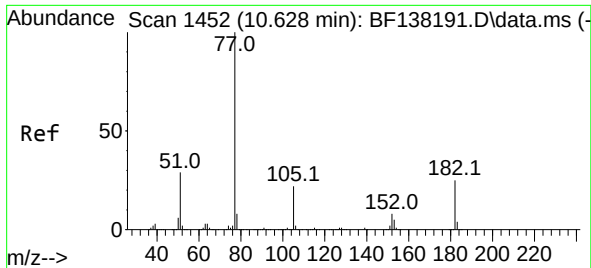


#62
4-Nitroaniline
Concen: 44.801 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15



Tgt Ion:138 Resp: 428348
Ion Ratio Lower Upper
138 100
92 45.4 30.9 70.9
108 62.9 47.8 87.8





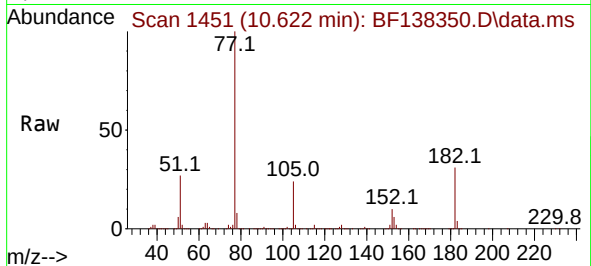
#63
Azobenzene
Concen: 41.038 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS



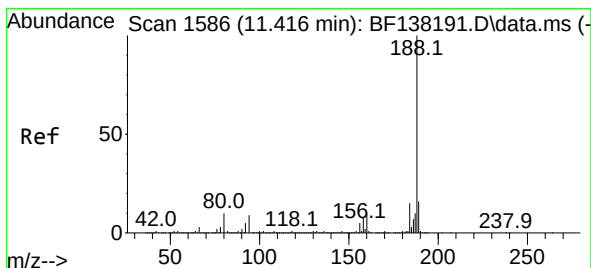
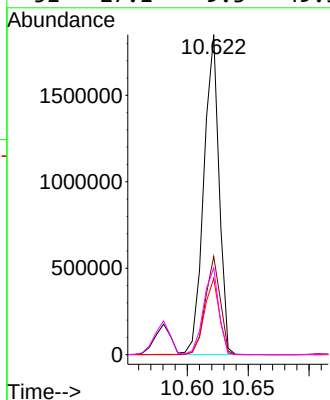
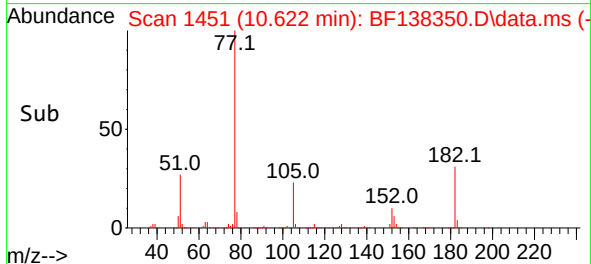
Tgt Ion: 77 Resp: 161122
Ion Ratio Lower Upper
77 100
182 30.7 5.5 45.5
105 23.9 1.8 41.8
51 27.1 9.3 49.3

Manual Integrations

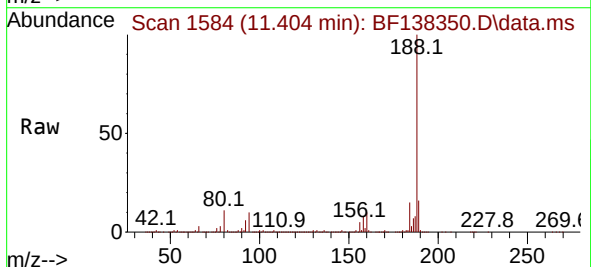
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

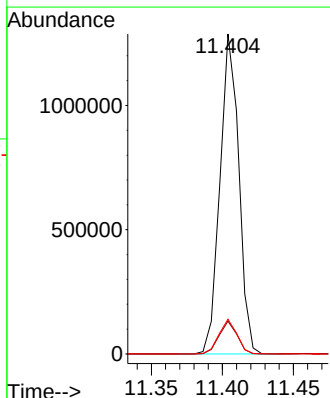
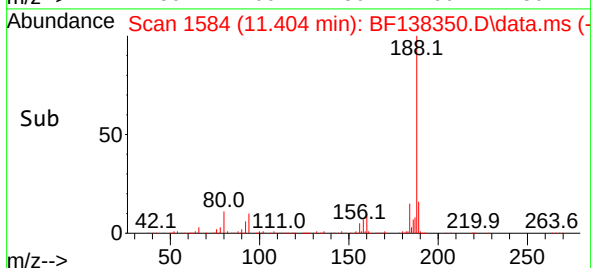
Supervised By :mohammad ahmed 06/27/2024

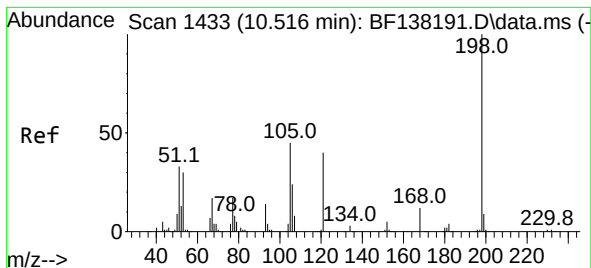


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15



Tgt Ion:188 Resp: 1183347
Ion Ratio Lower Upper
188 100
94 10.2 7.6 11.4
80 10.9 8.1 12.1





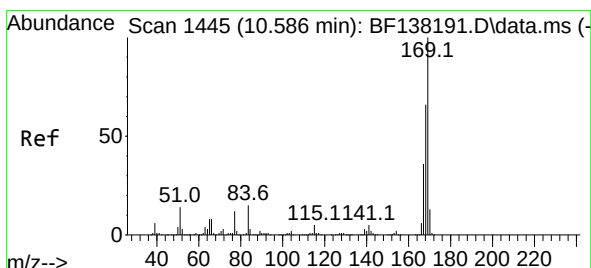
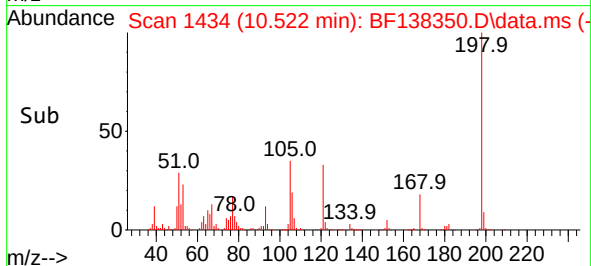
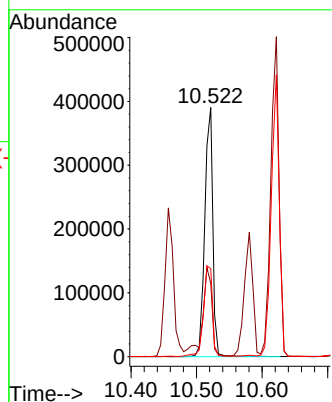
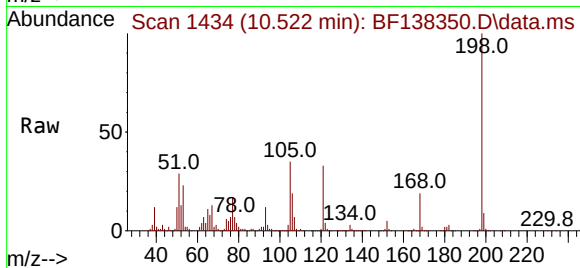
#65
4,6-Dinitro-2-methylphenol
Concen: 54.159 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :
BNA_F
ClientSampleId :
PB161686BS

Tgt Ion:198 Resp: 33284
Ion Ratio Lower Upper
198 100
51 29.4 26.9 66.9
105 35.3 26.0 66.0

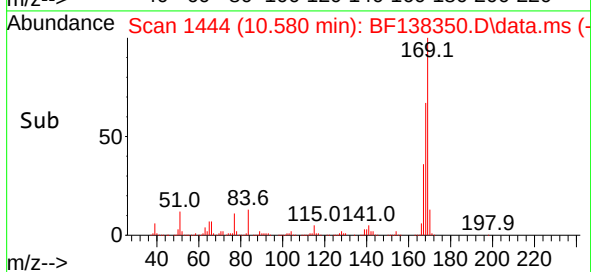
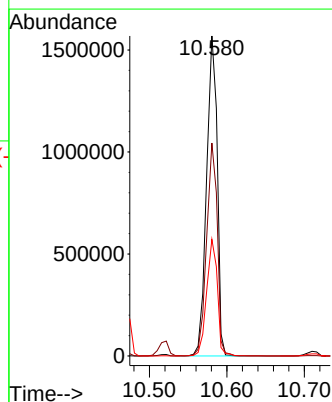
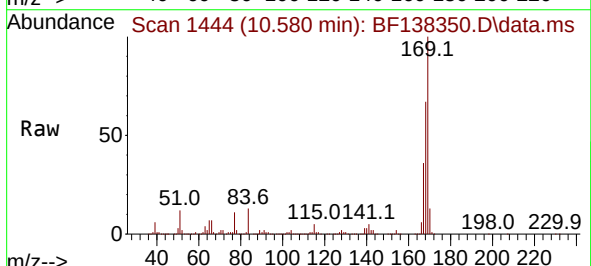
Manual Integrations
APPROVED

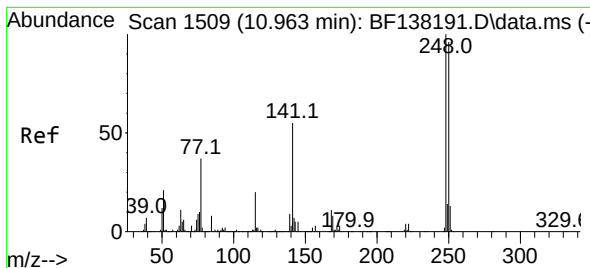
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#66
n-Nitrosodiphenylamine
Concen: 41.242 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:169 Resp: 1494121
Ion Ratio Lower Upper
169 100
168 66.6 52.9 79.3
167 36.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 43.071 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

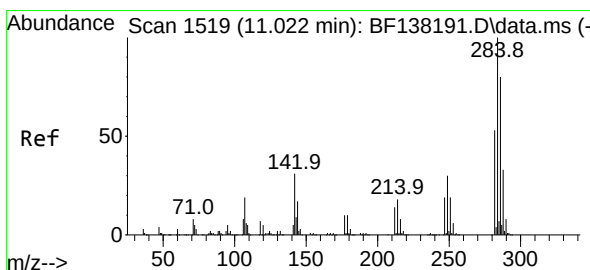
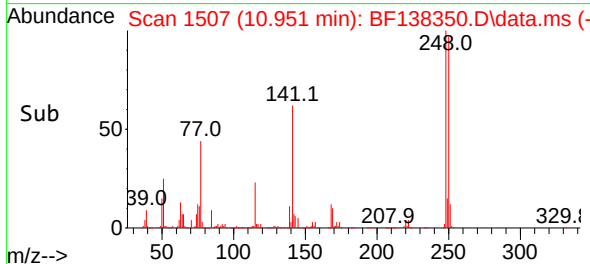
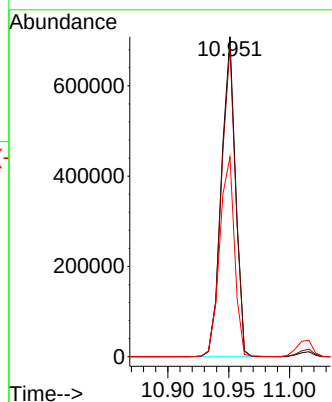
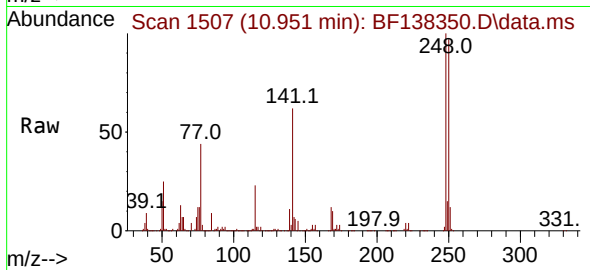
PB161686BS

Tgt Ion:248 Resp: 574320
Ion Ratio Lower Upper
248 100
250 97.0 77.2 115.8
141 62.4 44.1 66.1

Manual Integrations

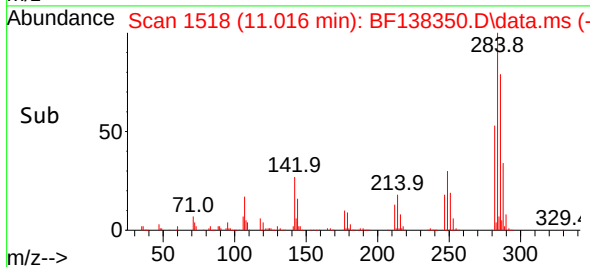
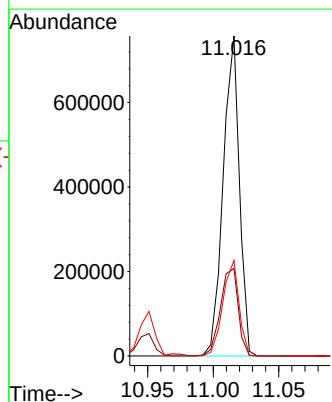
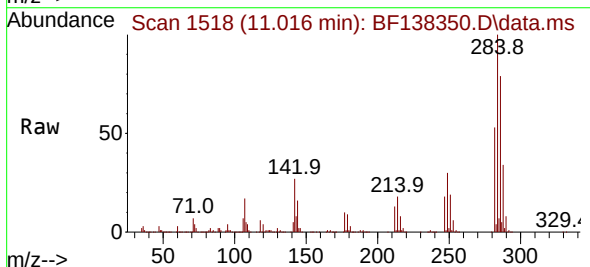
APPROVED

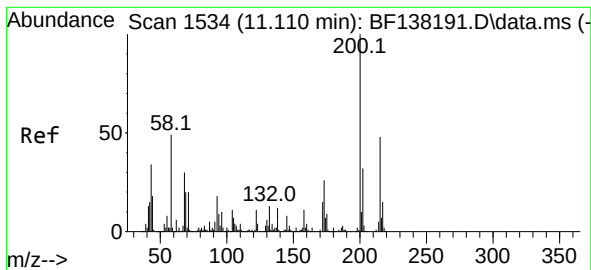
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#68
Hexachlorobenzene
Concen: 41.687 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:284 Resp: 648695
Ion Ratio Lower Upper
284 100
142 27.3 24.8 37.2
249 29.9 23.8 35.6





#69

Atrazine

Concen: 46.124 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

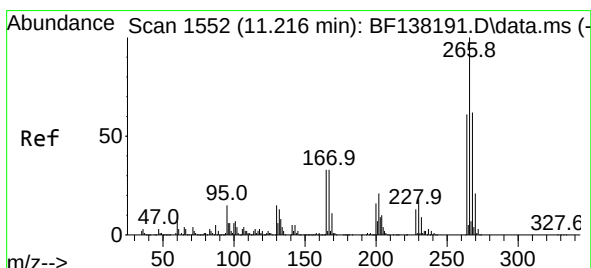
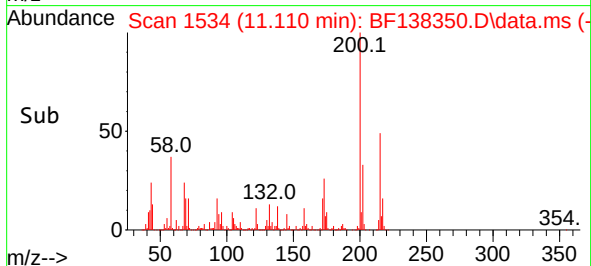
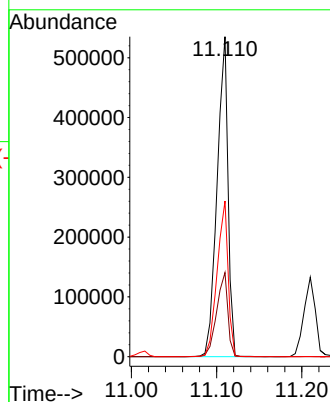
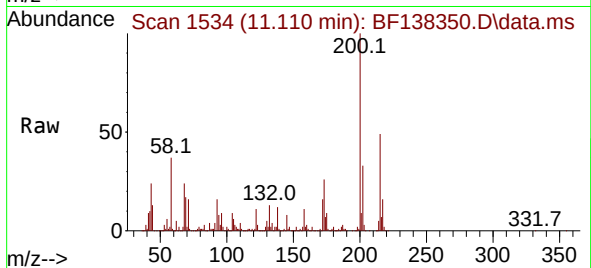
Tgt Ion:200 Resp: 47595
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.3 46.3
 215 48.7 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#70

Pentachlorophenol

Concen: 80.450 ng

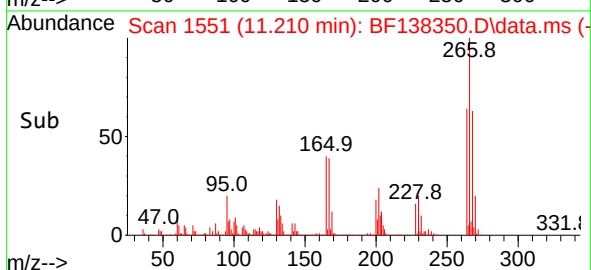
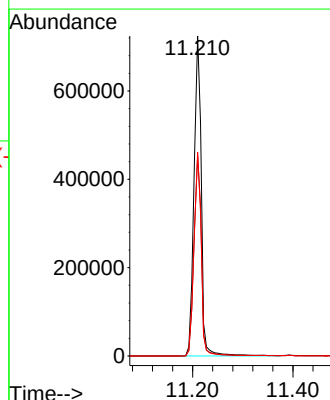
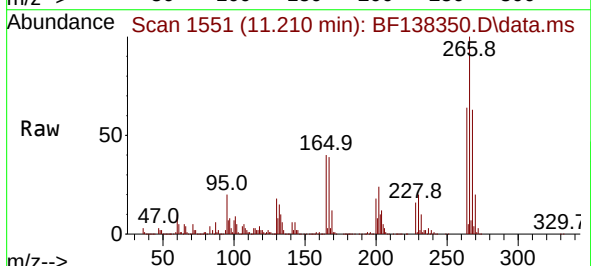
RT: 11.210 min Scan# 1551

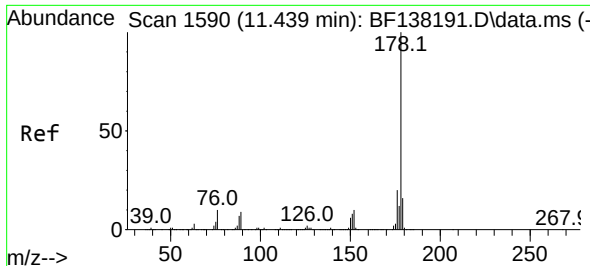
Delta R.T. -0.006 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

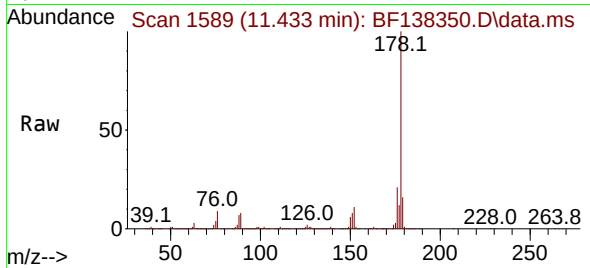
Tgt Ion:266 Resp: 730116
 Ion Ratio Lower Upper
 266 100
 268 62.6 49.5 74.3
 264 63.7 49.2 73.8





#71
Phenanthrene
Concen: 39.440 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

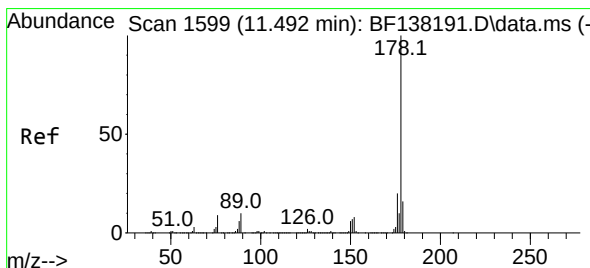
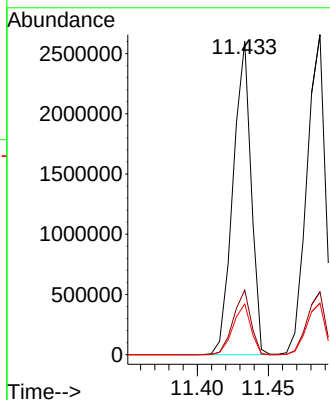
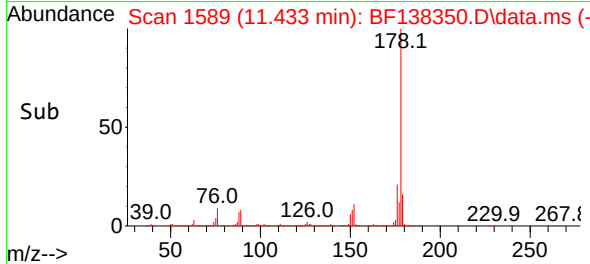
Instrument :
BNA_F
ClientSampleId :
PB161686BS



Tgt Ion:178 Resp: 2308070
Ion Ratio Lower Upper
178 100
176 20.6 16.4 24.6
179 16.2 13.1 19.7

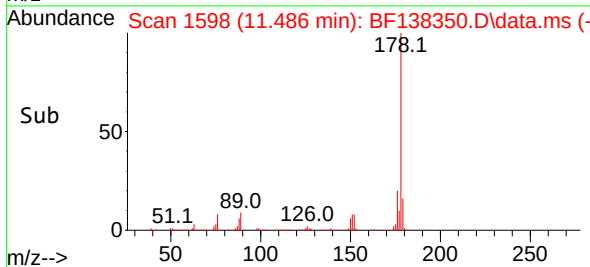
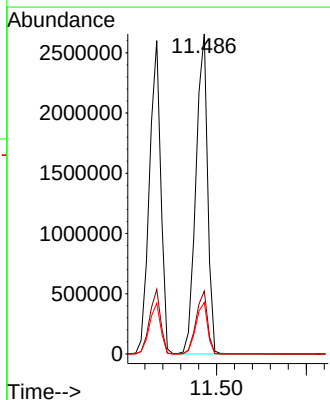
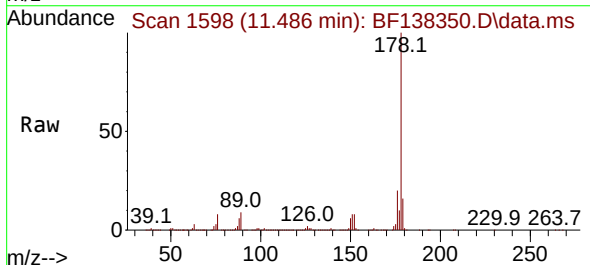
Manual Integrations
APPROVED

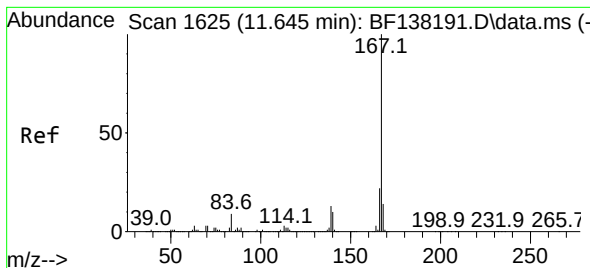
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#72
Anthracene
Concen: 41.198 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:178 Resp: 2393736
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 16.1 13.0 19.6





#73

Carbazole

Concen: 37.217 ng

RT: 11.639 min Scan# 1624

Delta R.T. -0.006 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

Tgt Ion:167 Resp: 198335

Ion Ratio Lower Upper

167 100

166 22.0 18.0 27.0

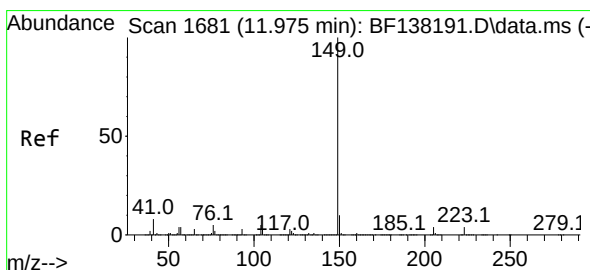
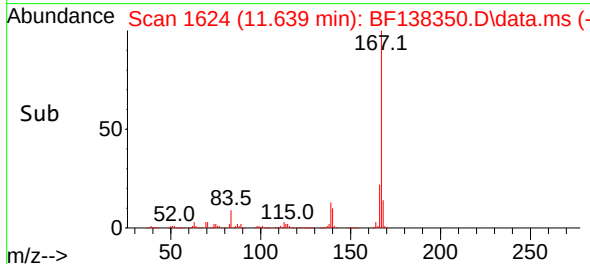
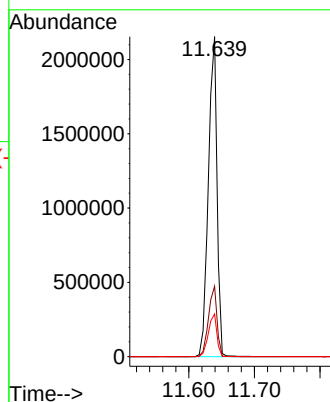
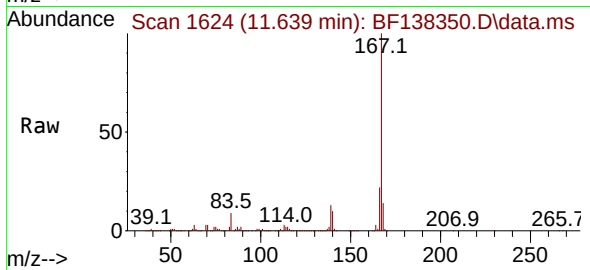
139 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#74

Di-n-butylphthalate

Concen: 45.722 ng

RT: 11.963 min Scan# 1679

Delta R.T. -0.012 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

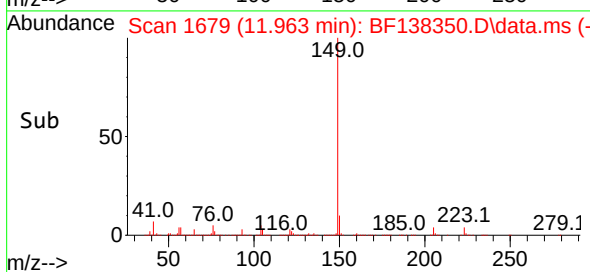
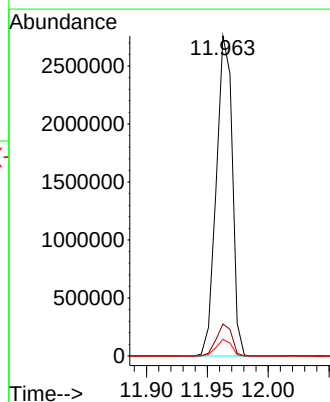
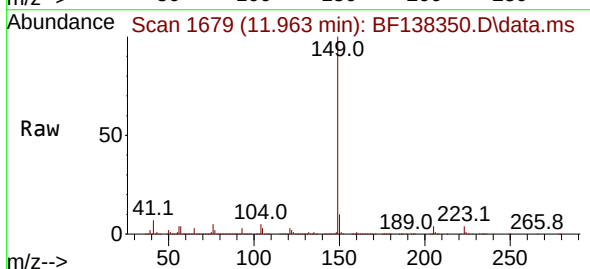
Tgt Ion:149 Resp: 2522463

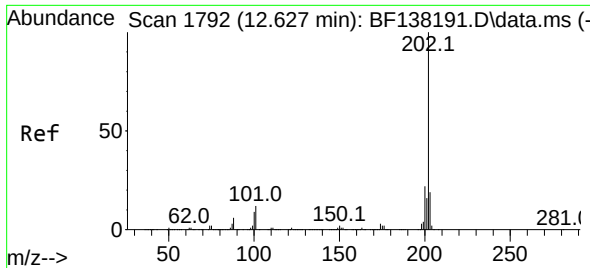
Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.2

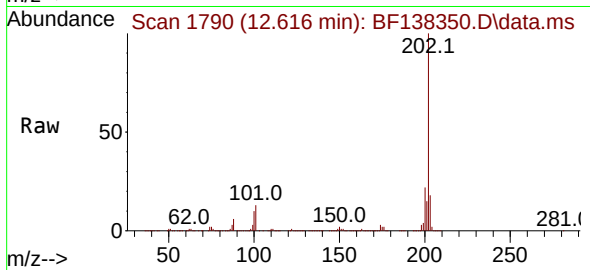
104 5.2 4.1 6.1





#75
Fluoranthene
Concen: 38.199 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

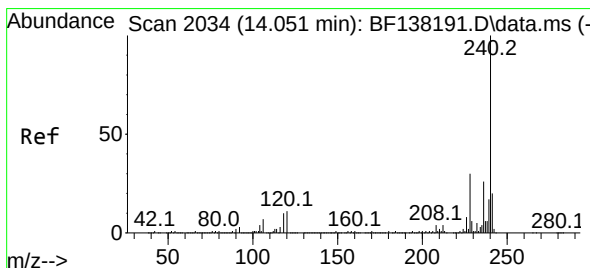
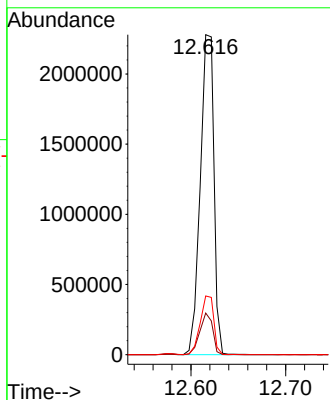
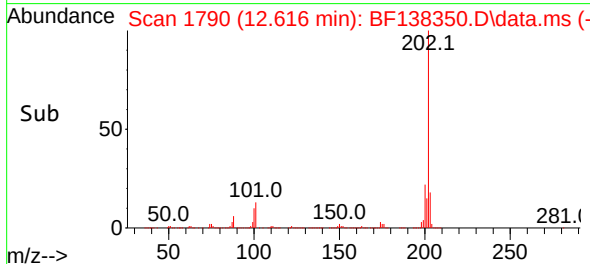
Instrument :
BNA_F
ClientSampleId :
PB161686BS



Tgt Ion:202 Resp: 2279510
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.8
203 18.4 0.0 38.6

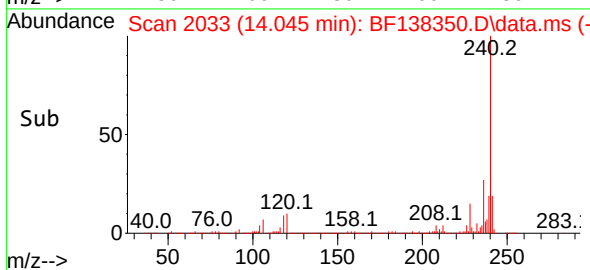
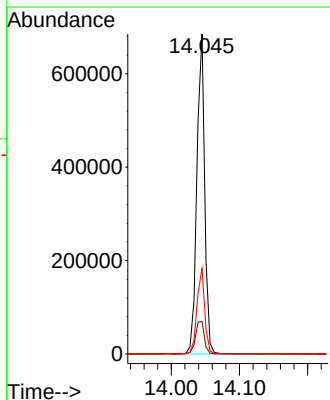
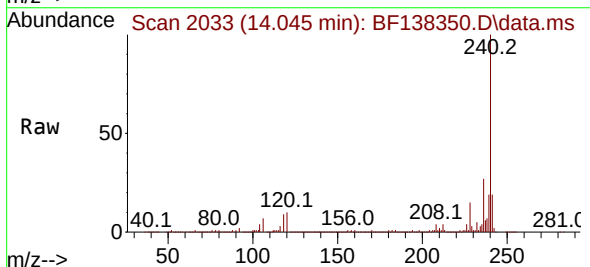
Manual Integrations
APPROVED

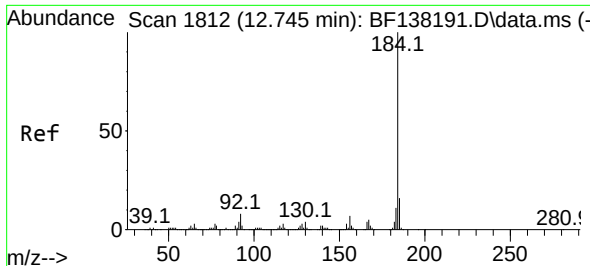
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:240 Resp: 546707
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 26.7 21.0 31.6





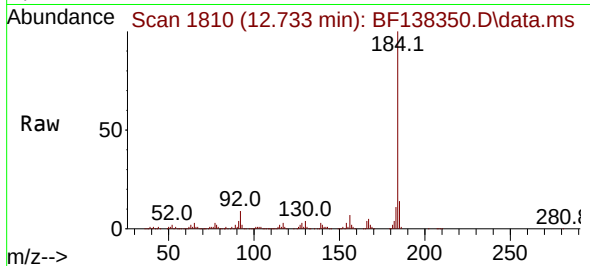
#77
Benzidine
Concen: 30.299 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS



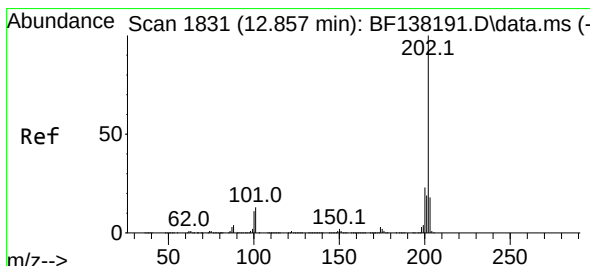
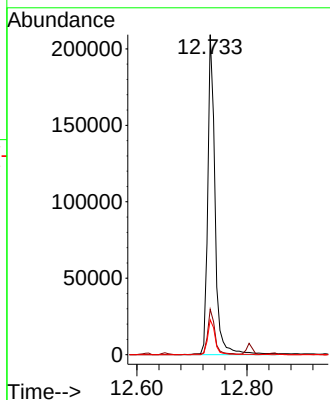
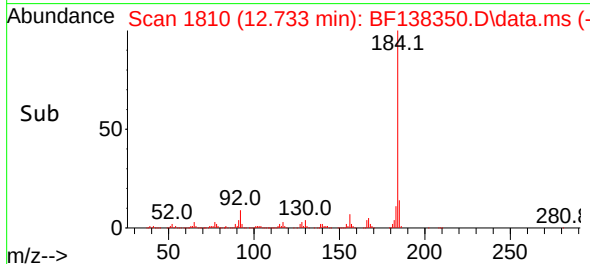
Tgt Ion:184 Resp: 191599
Ion Ratio Lower Upper
184 100
185 14.2 12.6 19.0
183 10.9 9.0 13.6

Manual Integrations

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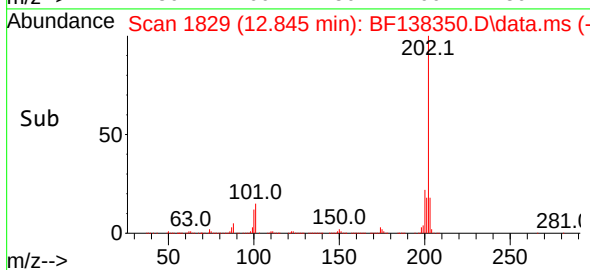
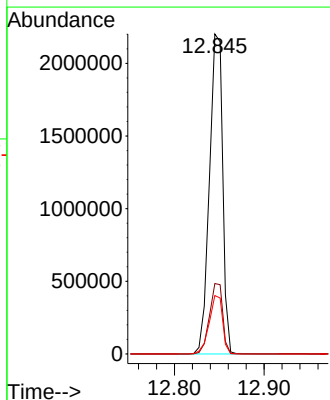
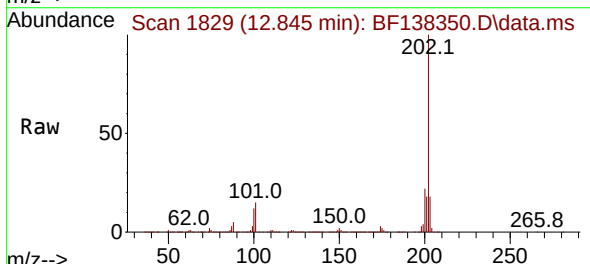
Reviewed By :Yogesh Patel 06/27/2024

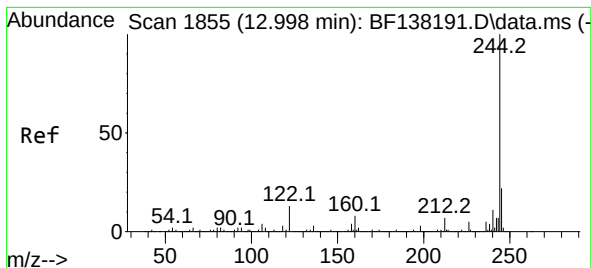
Supervised By :mohammad ahmed 06/27/2024



#78
Pyrene
Concen: 47.806 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:202 Resp: 2254381
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 18.3 14.7 22.1





#79

Terphenyl-d14

Concen: 91.478 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138350.D

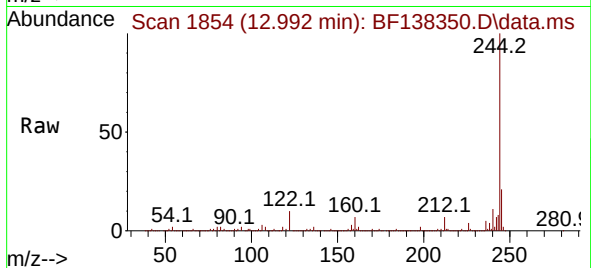
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS



Tgt Ion:244 Resp: 315764

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

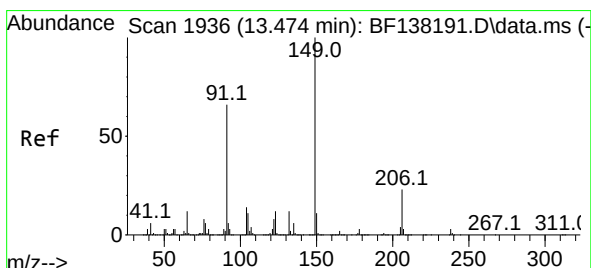
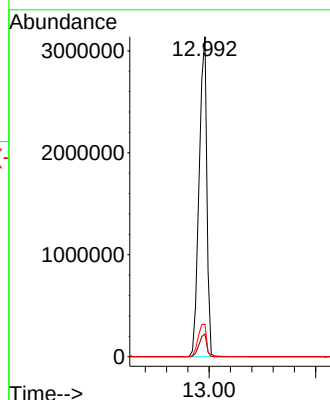
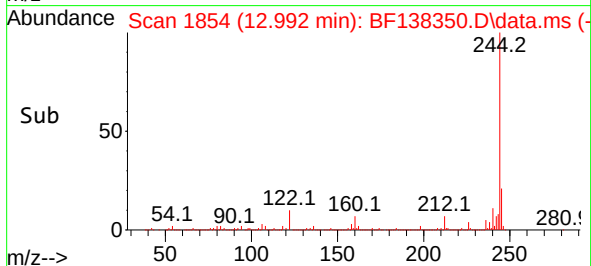
122 10.2 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#80

Butylbenzylphthalate

Concen: 63.820 ng

RT: 13.463 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

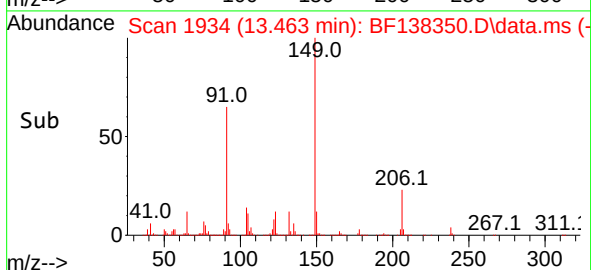
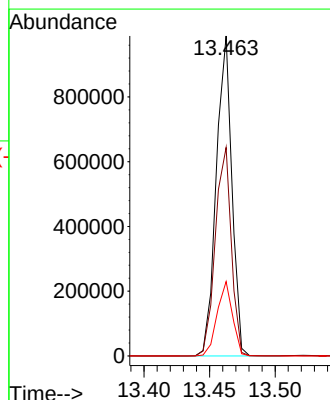
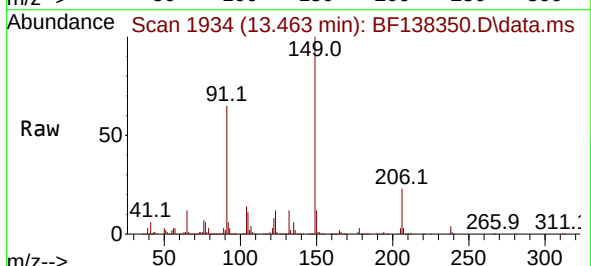
Tgt Ion:149 Resp: 818619

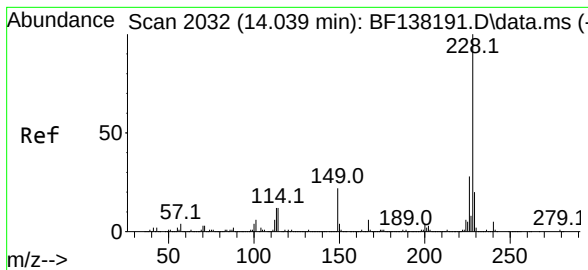
Ion Ratio Lower Upper

149 100

91 65.1 53.2 79.8

206 23.3 18.6 27.8





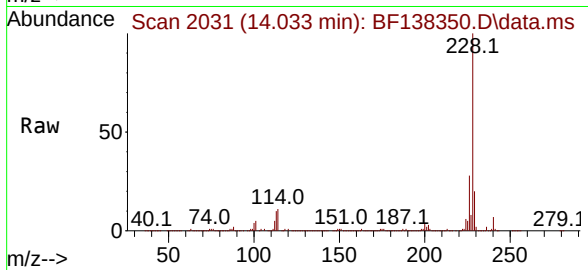
#81
Benzo(a)anthracene
Concen: 44.499 ng
RT: 14.033 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS



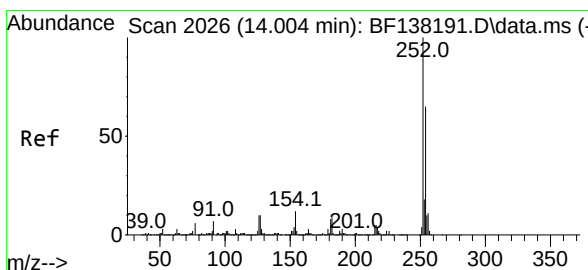
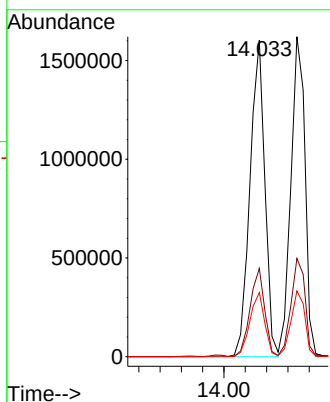
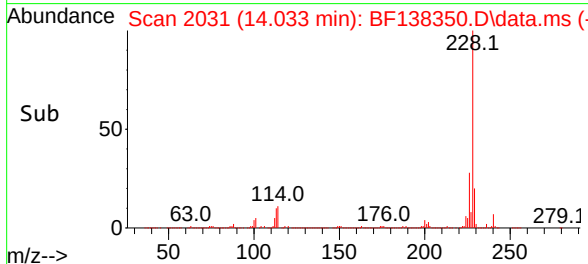
Tgt Ion:228 Resp: 1560769
Ion Ratio Lower Upper
228 100
226 27.9 22.5 33.7
229 20.3 16.3 24.5

Manual Integrations

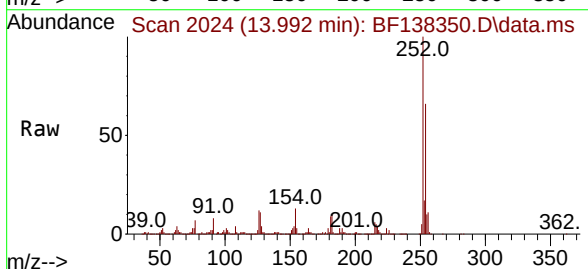
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

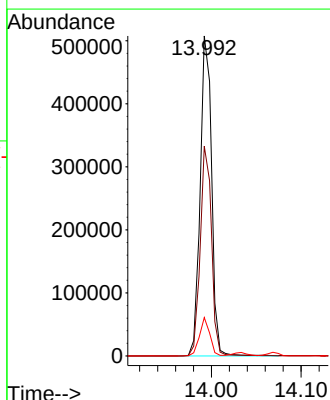
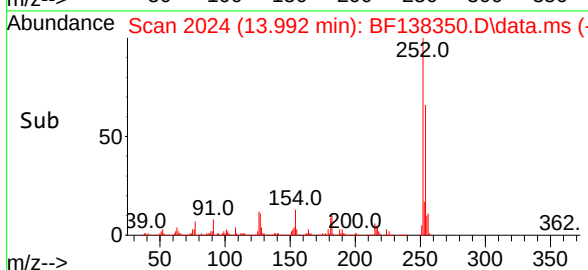
Supervised By :mohammad ahmed 06/27/2024

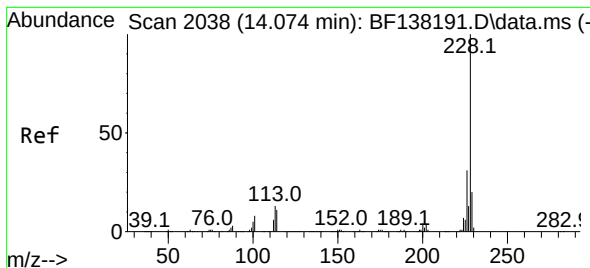


#82
3,3'-Dichlorobenzidine
Concen: 46.442 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15



Tgt Ion:252 Resp: 448564
Ion Ratio Lower Upper
252 100
254 65.5 51.8 77.6
126 12.0 8.3 12.5





#83

Chrysene

Concen: 44.761 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

Tgt Ion:228 Resp: 1496429

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

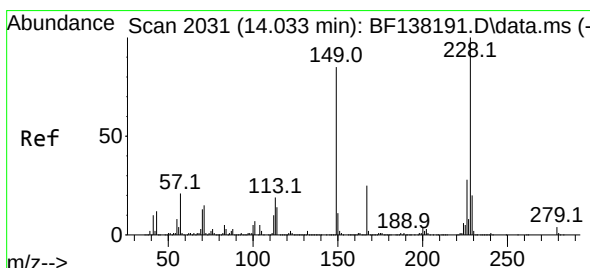
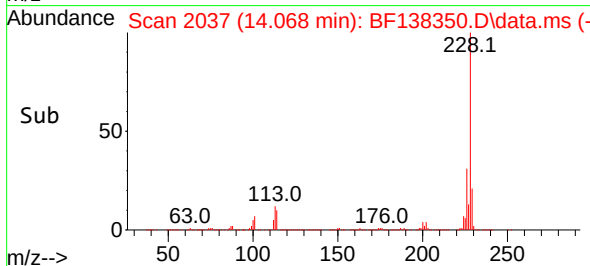
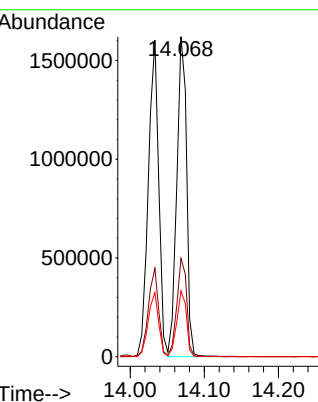
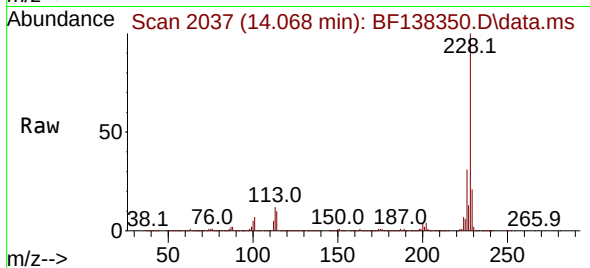
229 20.6 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.186 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.017 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

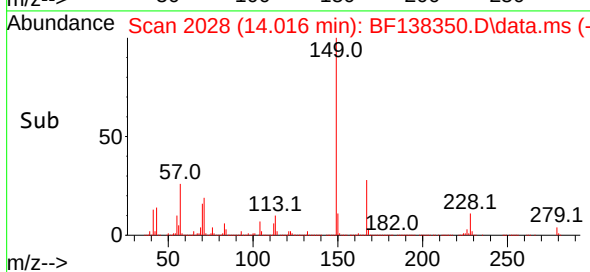
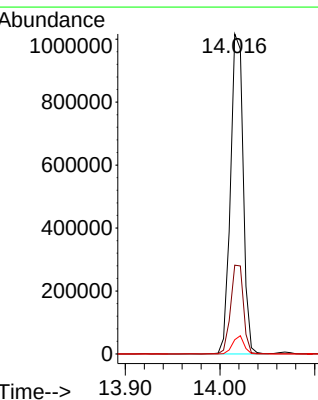
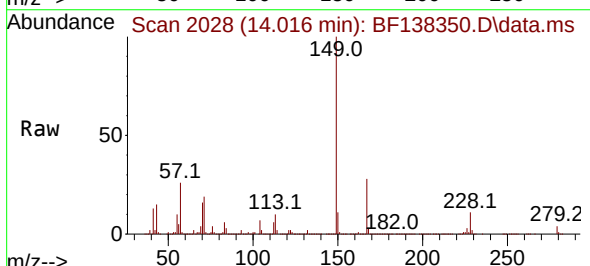
Tgt Ion:149 Resp: 942652

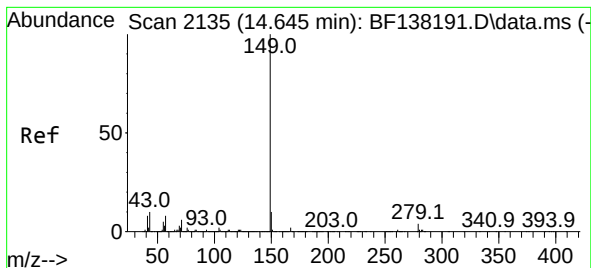
Ion Ratio Lower Upper

149 100

167 27.8 23.5 35.3

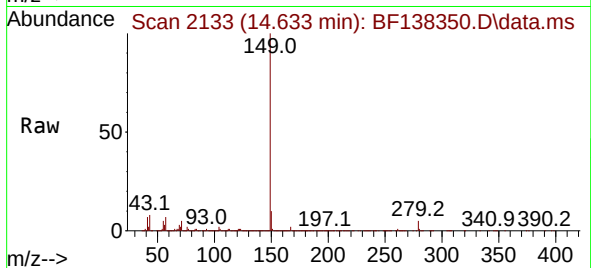
279 4.4 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 73.257 ng
RT: 14.633 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

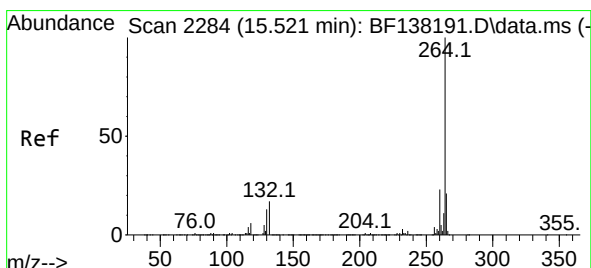
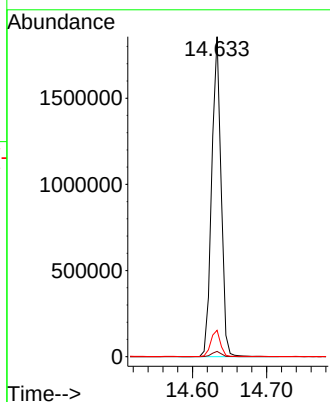
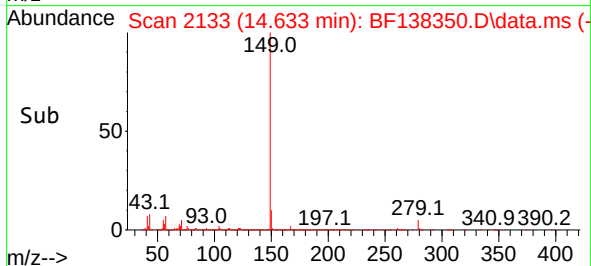
Instrument :
BNA_F
ClientSampleId :
PB161686BS



Tgt Ion:149 Resp: 1623618
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.5 7.8 11.6

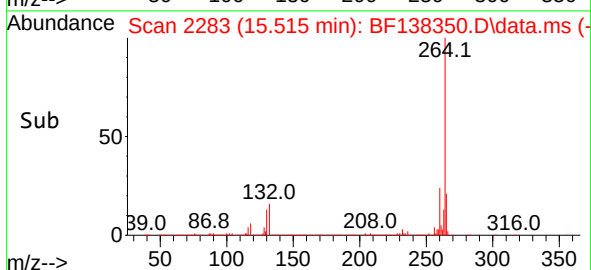
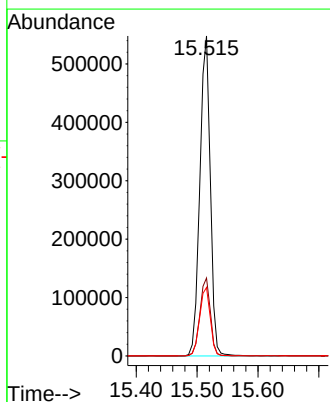
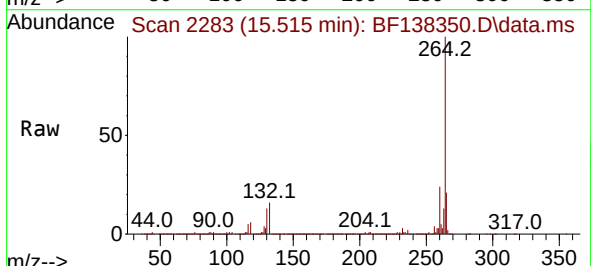
Manual Integrations
APPROVED

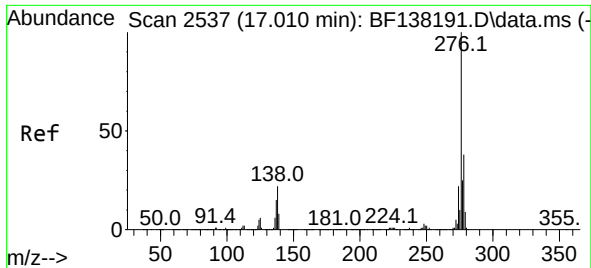
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:264 Resp: 651231
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 21.4 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.915 ng
RT: 17.004 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

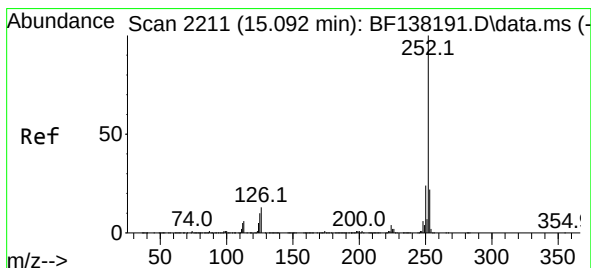
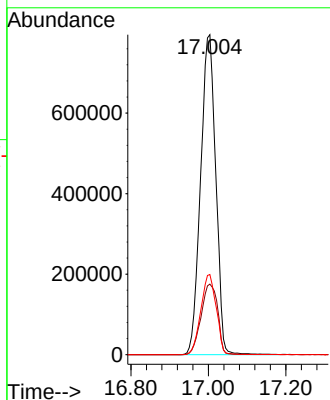
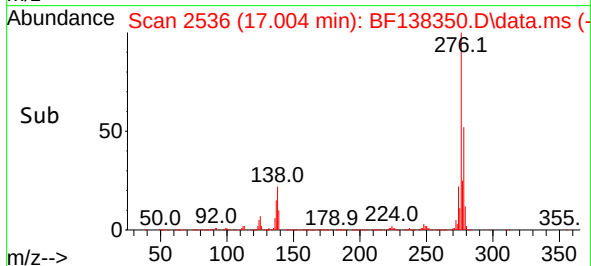
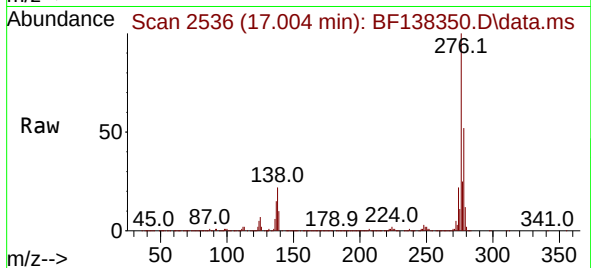
ClientSampleId :

PB161686BS

Tgt Ion:276 Resp: 216153
Ion Ratio Lower Upper
276 100
138 24.2 19.3 28.9
277 25.5 20.2 30.2

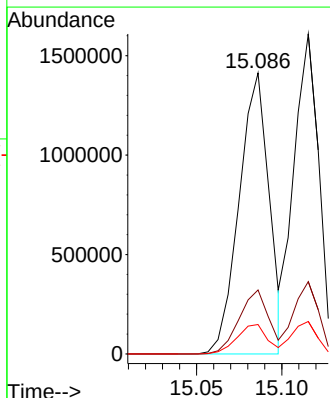
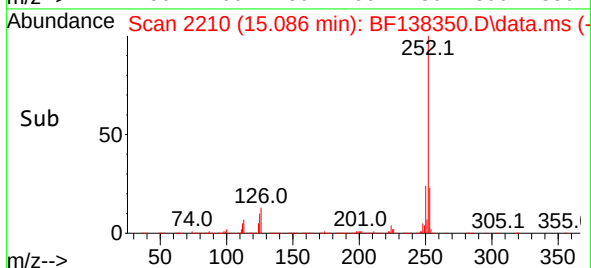
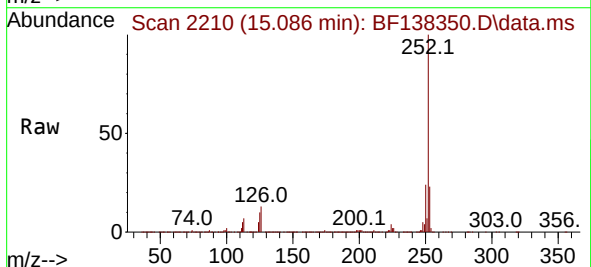
Manual Integrations
APPROVED

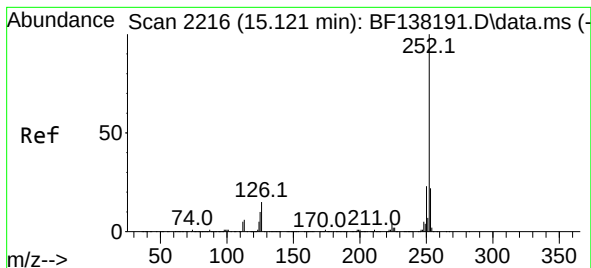
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#88
Benzo(b)fluoranthene
Concen: 45.169 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Tgt Ion:252 Resp: 1734657
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 10.5 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 43.759 ng

RT: 15.115 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS

Tgt Ion:252 Resp: 164695

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

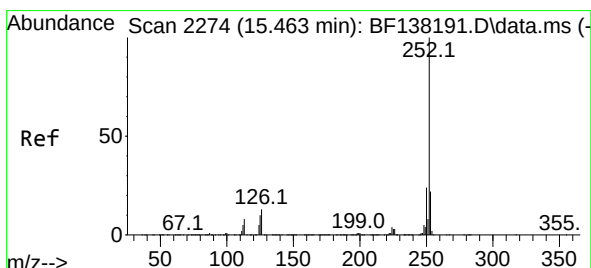
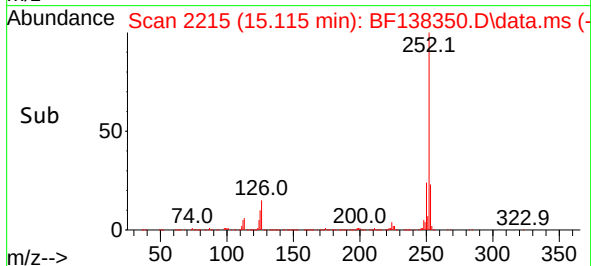
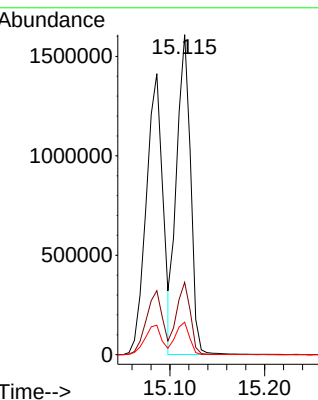
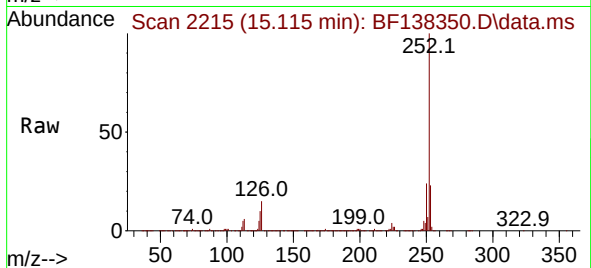
125 10.2 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#90

Benzo(a)pyrene

Concen: 48.823 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138350.D

Acq: 26 Jun 2024 14:15

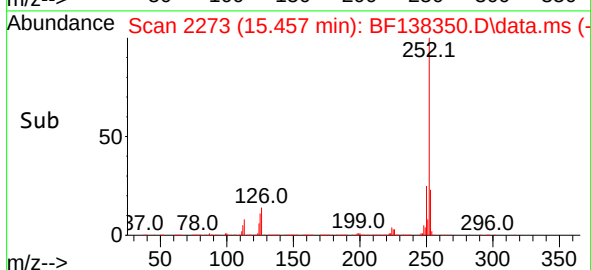
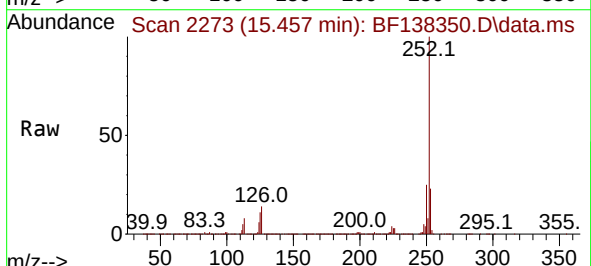
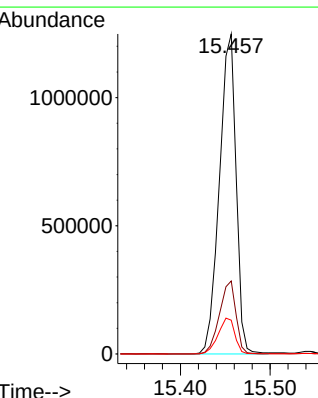
Tgt Ion:252 Resp: 1610800

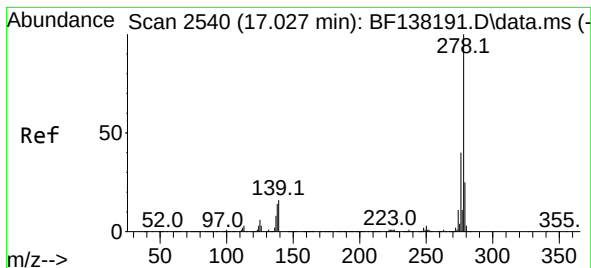
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 10.6 8.2 12.2





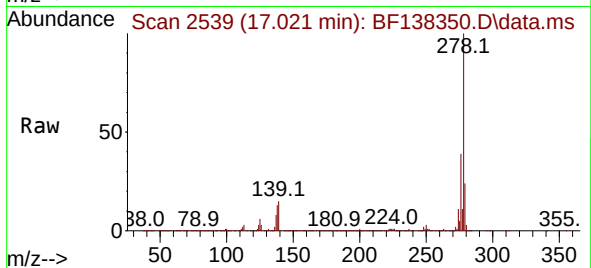
#91
Dibenzo(a,h)anthracene
Concen: 49.762 ng
RT: 17.021 min Scan# 2539
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB161686BS



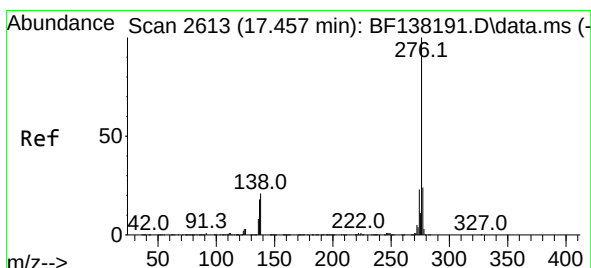
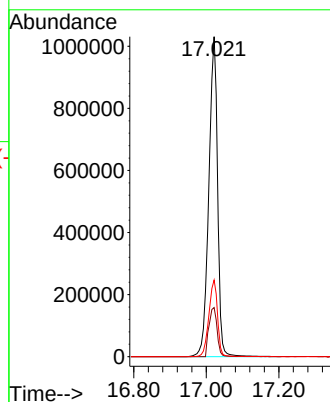
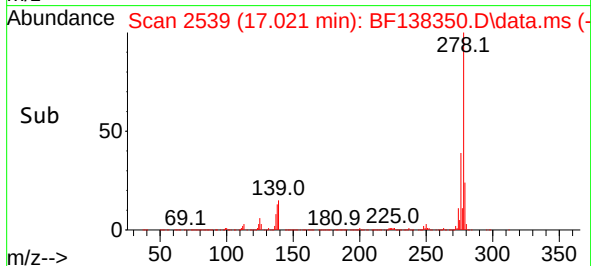
Tgt Ion:278 Resp: 1734028
Ion Ratio Lower Upper
278 100
139 15.4 12.9 19.3
279 24.0 19.9 29.9

Manual Integrations

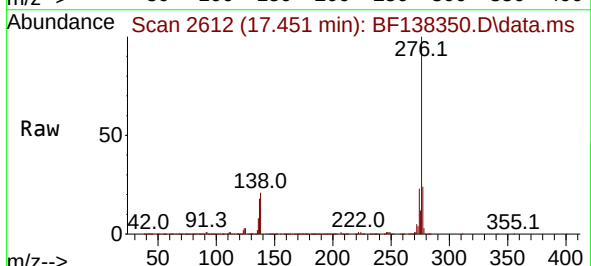
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#92
Benzo(g,h,i)perylene
Concen: 43.195 ng
RT: 17.451 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF138350.D
Acq: 26 Jun 2024 14:15



Tgt Ion:276 Resp: 1557149
Ion Ratio Lower Upper
276 100
277 24.1 19.5 29.3
138 21.0 16.6 24.8

