

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138354.D
 Acq On : 26 Jun 2024 16:20
 Operator : CG\JU
 Sample : PB161745BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161745BS

Quant Time: Jun 27 01:53:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	304487	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1205824	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	680545	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1230596	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	623420	20.000	ng	-0.01
86) Perylene-d12	15.510	264	662744	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2082057	114.387	ng	0.00
7) Phenol-d6	6.522	99	2602056	112.737	ng	0.00
23) Nitrobenzene-d5	7.451	82	1638501	79.106	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	882438	130.250	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2978602	69.597	ng	0.00
79) Terphenyl-d14	12.992	244	3247582	82.506	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	241980	29.050	ng	95
3) Pyridine	3.493	79	591833	29.895	ng	96
4) n-Nitrosodimethylamine	3.457	42	332542	36.294	ng	90
6) Aniline	6.545	93	694902	30.770	ng	99
8) 2-Chlorophenol	6.669	128	899219	45.695	ng	99
9) Benzaldehyde	6.434	77	540480	44.089	ng	100
10) Phenol	6.534	94	997992	42.607	ng	92
11) bis(2-Chloroethyl)ether	6.622	93	813707	43.406	ng	98
12) 1,3-Dichlorobenzene	6.822	146	893338	39.945	ng	99
13) 1,4-Dichlorobenzene	6.898	146	896129	39.817	ng	99
14) 1,2-Dichlorobenzene	7.051	146	876543	41.488	ng	99
15) Benzyl Alcohol	7.028	79	714375	45.904	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1023296	38.677	ng	95
17) 2-Methylphenol	7.139	107	684287	44.074	ng	98
18) Hexachloroethane	7.392	117	322117	42.246	ng	94
19) n-Nitroso-di-n-propyla...	7.304	70	555537	40.606	ng	96
20) 3+4-Methylphenols	7.292	107	770735	39.440	ng	98
22) Acetophenone	7.298	105	1062127	38.558	ng	# 98
24) Nitrobenzene	7.469	77	847146	39.572	ng	93
25) Isophorone	7.704	82	1580177	42.177	ng	99
26) 2-Nitrophenol	7.781	139	482862	56.093	ng	97
27) 2,4-Dimethylphenol	7.816	122	602042	45.970	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	972541	41.468	ng	100
29) 2,4-Dichlorophenol	8.022	162	730884	43.347	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	797559	40.109	ng	98
31) Naphthalene	8.186	128	2352148	39.449	ng	100
32) Benzoic acid	7.963	122	591376	51.234	ng	99
33) 4-Chloroaniline	8.234	127	506446	22.726	ng	97
34) Hexachlorobutadiene	8.298	225	458451	39.421	ng	99
35) Caprolactam	8.616	113	256503m	50.390	ng	
36) 4-Chloro-3-methylphenol	8.722	107	745633	44.415	ng	99
37) 2-Methylnaphthalene	8.875	142	1566209	40.024	ng	99
38) 1-Methylnaphthalene	8.975	142	1464689	38.196	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	792566	39.854	ng	99
41) Hexachlorocyclopentadiene	9.028	237	720505	111.112	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	556570	44.697	ng	100

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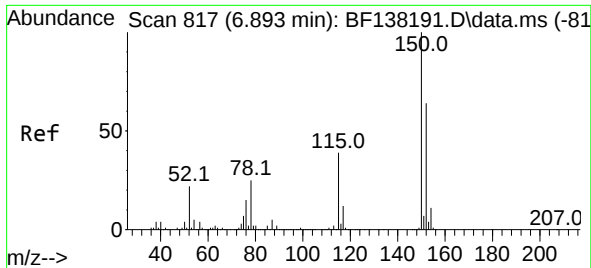
Quant Time: Jun 27 01:53:25 2024
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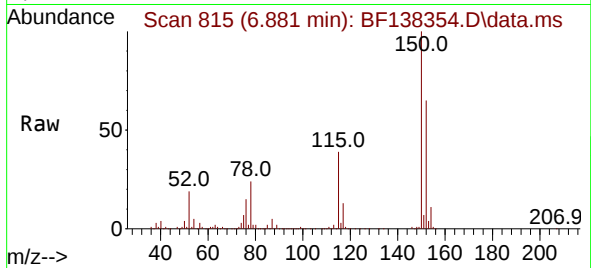
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	592379	43.320	ng	97
46) 1,1'-Biphenyl	9.345	154	1936708	38.783	ng	97
47) 2-Chloronaphthalene	9.369	162	1537247	38.951	ng	99
48) 2-Nitroaniline	9.463	65	456948	48.077	ng	95
49) Acenaphthylene	9.786	152	2349785	42.460	ng	100
50) Dimethylphthalate	9.645	163	1870050	44.848	ng	100
51) 2,6-Dinitrotoluene	9.710	165	440844	48.734	ng	# 80
52) Acenaphthene	9.957	154	1656166m	43.887	ng	
53) 3-Nitroaniline	9.875	138	337579	34.933	ng	94
54) 2,4-Dinitrophenol	9.986	184	490286	98.149	ng	# 90
55) Dibenzofuran	10.128	168	2135026	40.471	ng	99
56) 4-Nitrophenol	10.045	139	711580	93.179	ng	88
57) 2,4-Dinitrotoluene	10.110	165	590030	52.883	ng	# 91
58) Fluorene	10.469	166	1645700	39.677	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	502045	46.977	ng	99
60) Diethylphthalate	10.345	149	1789131	45.209	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	843682	40.842	ng	96
62) 4-Nitroaniline	10.498	138	431818	44.723	ng	94
63) Azobenzene	10.622	77	1653745	41.711	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	343355	53.780	ng	79
66) n-Nitrosodiphenylamine	10.580	169	1558370	41.363	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	587666	42.380	ng	96
68) Hexachlorobenzene	11.016	284	674935	41.708	ng	96
69) Atrazine	11.110	200	491228	45.777	ng	97
70) Pentachlorophenol	11.210	266	759027	80.425	ng	97
71) Phenanthrene	11.433	178	2462246	40.459	ng	100
72) Anthracene	11.486	178	2473296	40.933	ng	100
73) Carbazole	11.639	167	2137993	38.579	ng	100
74) Di-n-butylphthalate	11.963	149	2628273	45.811	ng	100
75) Fluoranthene	12.616	202	2397141	38.628	ng	99
77) Benzidine	12.733	184	212103	29.414	ng	99
78) Pyrene	12.845	202	2345670	43.621	ng	99
80) Butylbenzylphthalate	13.463	149	858504	58.694	ng	96
81) Benzo(a)anthracene	14.033	228	1742988	43.580	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	498306	45.243	ng	99
83) Chrysene	14.068	228	1665620	43.691	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	1041031	61.194	ng	98
85) Di-n-octyl phthalate	14.633	149	1730492	68.472	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	2167937	50.179	ng	100
88) Benzo(b)fluoranthene	15.080	252	1808518	46.274	ng	98
89) Benzo(k)fluoranthene	15.115	252	1659541	43.327	ng	99
90) Benzo(a)pyrene	15.451	252	1614140	48.074	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	1753793	49.455	ng	100
92) Benzo(g,h,i)perylene	17.451	276	1692344	46.130	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

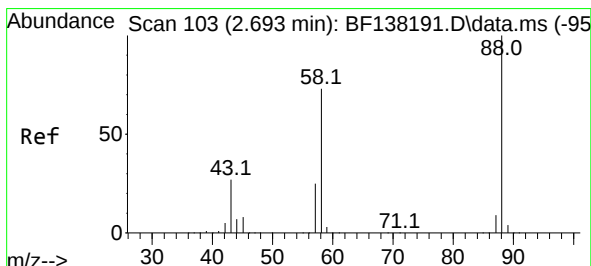
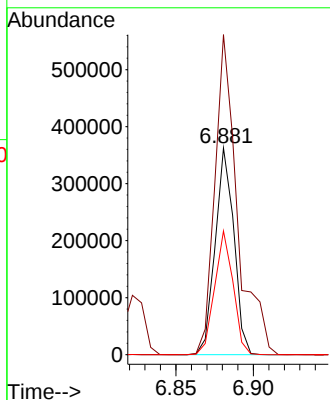
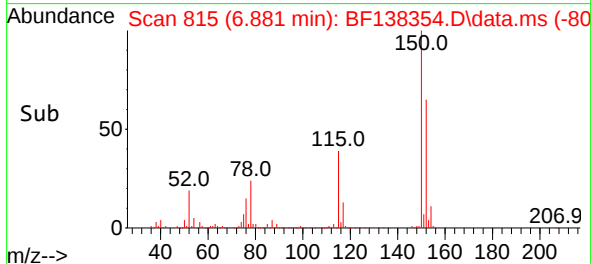
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BNA_F
ClientSampleId :
PB161745BS



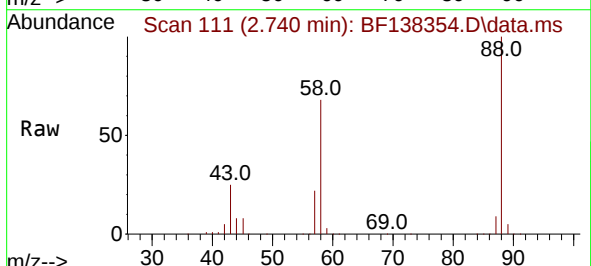
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Ion Ratio Lower Upper
152 100
150 154.8 125.0 187.4
115 59.8 48.4 72.6

Manual Integrations
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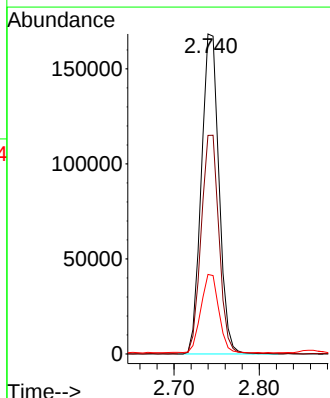
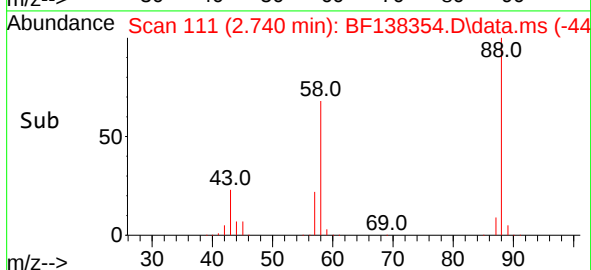
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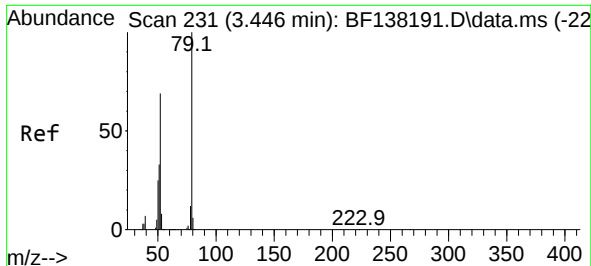


#2
1,4-Dioxane
Concen: 29.050 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.047 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



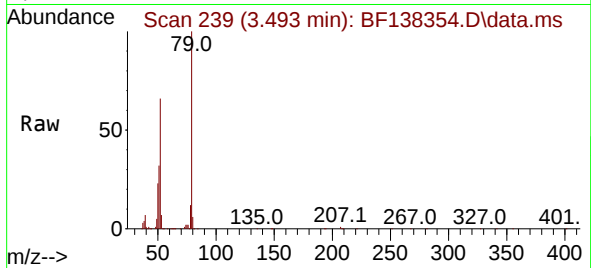
Tgt Ion: 88 Resp: 241980
Ion Ratio Lower Upper
88 100
58 69.2 58.6 87.8
43 24.8 22.4 33.6





#3
Pyridine
Concen: 29.895 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

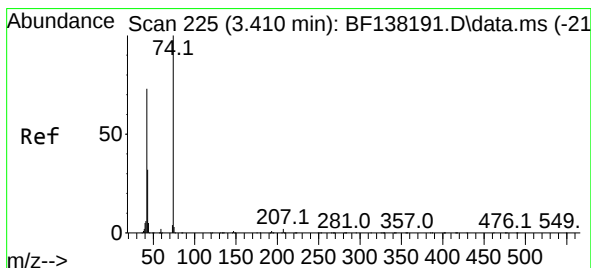
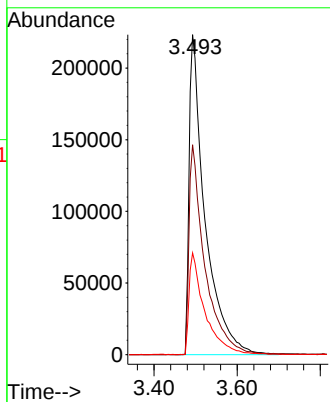
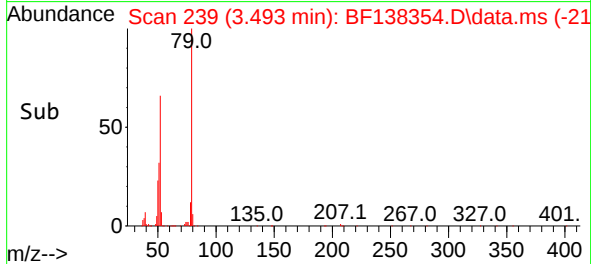
Instrument :
BNA_F
ClientSampleId :
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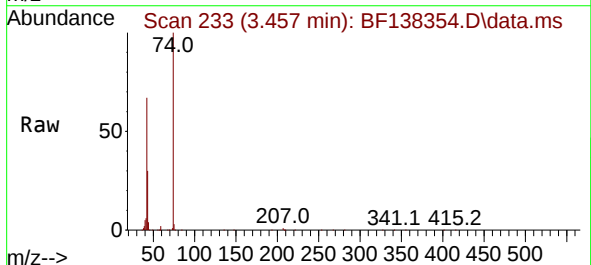
Tgt Ion: 79 Resp: 59183
Ion Ratio Lower Upper
79 100
52 65.6 55.0 82.4
51 31.8 26.9 40.3

Manual Integrations
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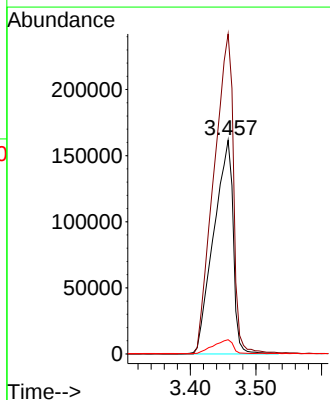
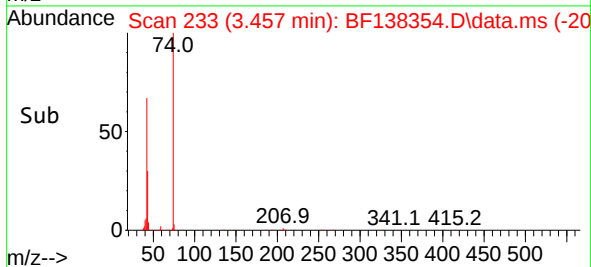
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Supervised By :mohammad ahmed 06/27/2024

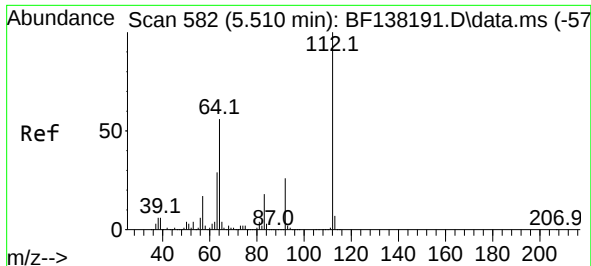


#4
n-Nitrosodimethylamine
Concen: 36.294 ng
RT: 3.457 min Scan# 233
Delta R.T. 0.047 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



Tgt Ion: 42 Resp: 332542
Ion Ratio Lower Upper
42 100
74 149.7 109.9 164.9
44 6.7 5.2 7.8





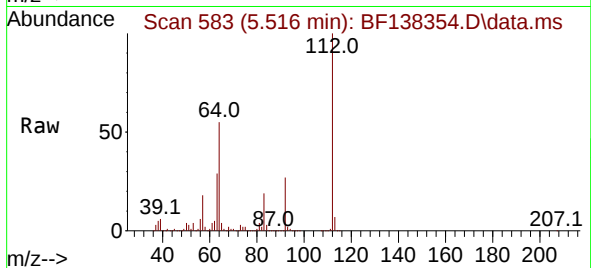
#5
2-Fluorophenol
Concen: 114.387 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS



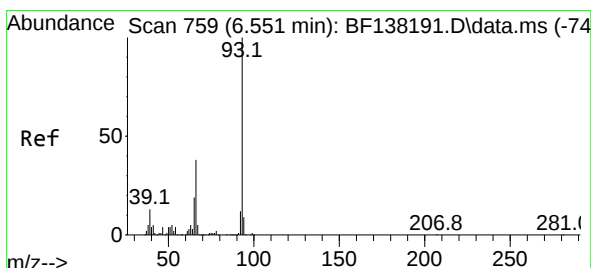
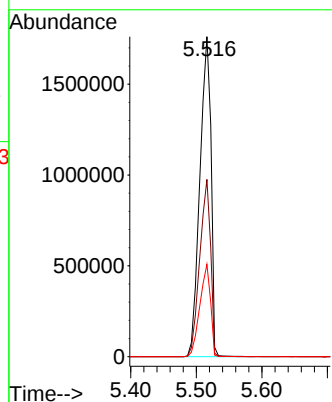
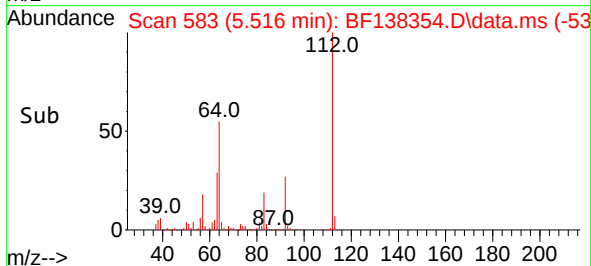
Tgt Ion:112 Resp: 208205
Ion Ratio Lower Upper
112 100
64 55.4 45.2 67.8
63 28.9 22.9 34.3

Manual Integrations

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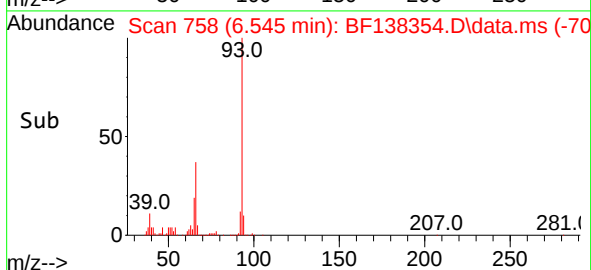
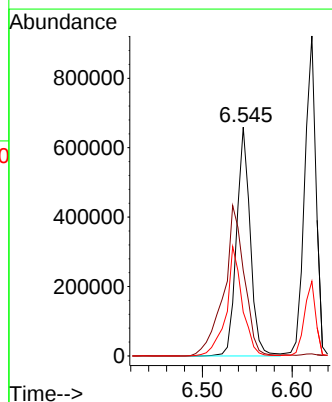
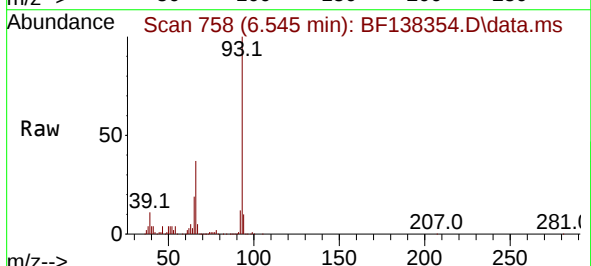
Reviewed By :Yogesh Patel 06/27/2024

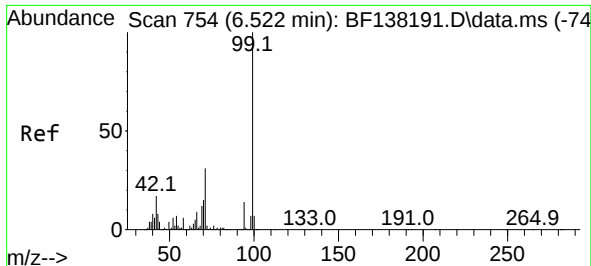
Supervised By :mohammad ahmed 06/27/2024



#6
Aniline
Concen: 30.770 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

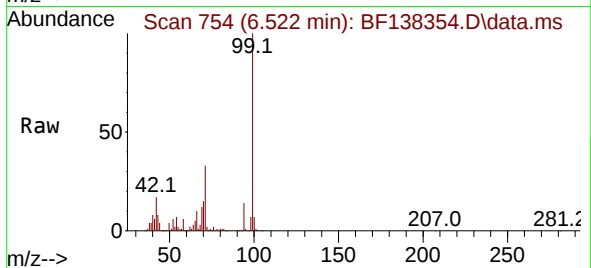
Tgt Ion: 93 Resp: 694902
Ion Ratio Lower Upper
93 100
66 37.3 30.8 46.2
65 19.2 15.5 23.3





#7
Phenol-d6
Concen: 112.737 ng
RT: 6.522 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

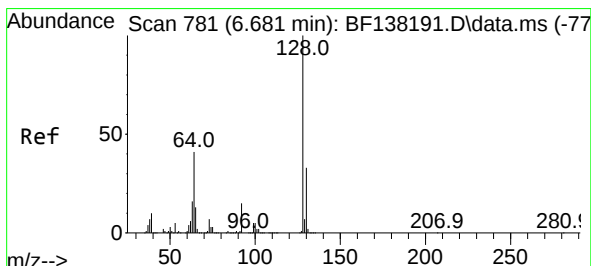
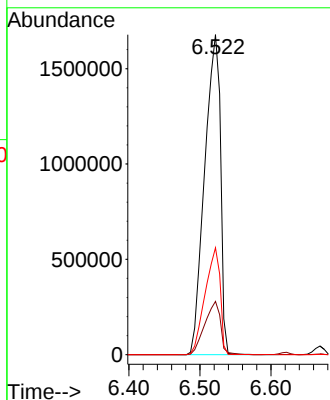
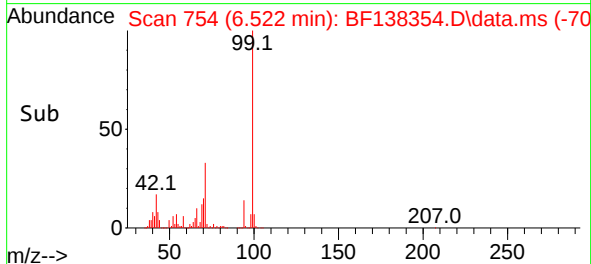
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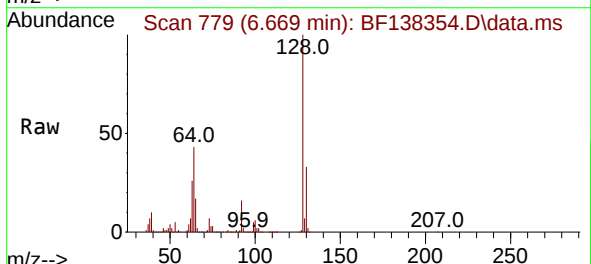
Tgt Ion: 99 Resp: 260205
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 33.4 25.0 37.6

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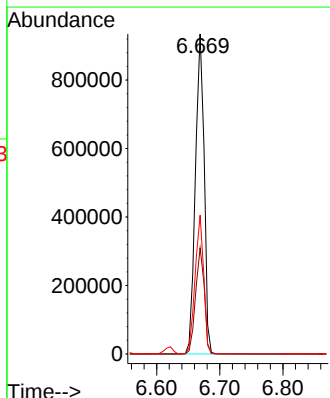
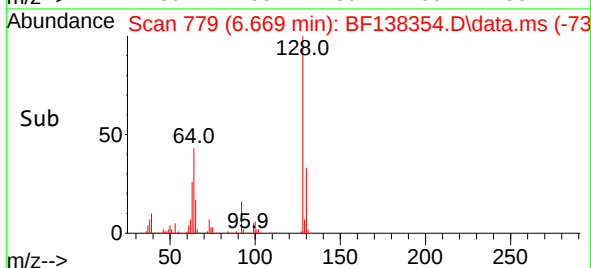
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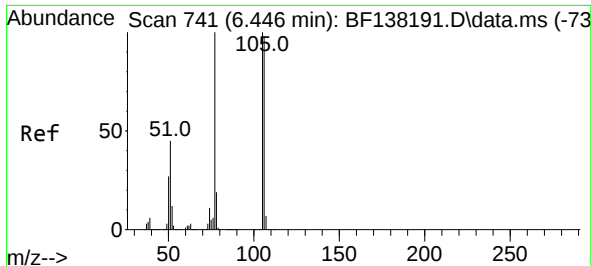


#8
2-Chlorophenol
Concen: 45.695 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



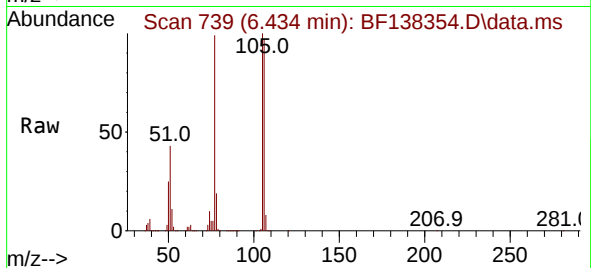
Tgt Ion:128 Resp: 899219
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 43.4 21.8 61.8





#9
Benzaldehyde
Concen: 44.089 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

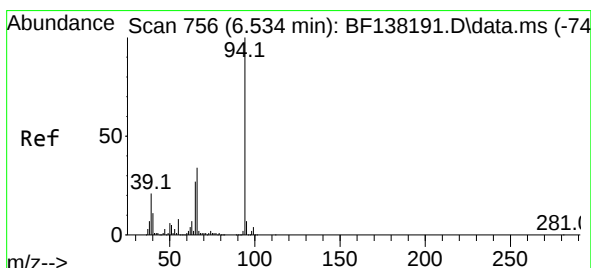
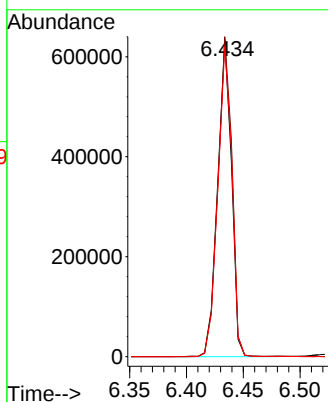
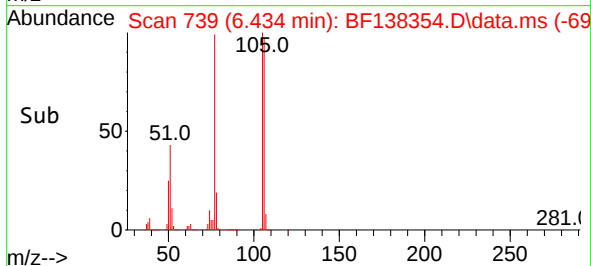
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 540480
Ion Ratio Lower Upper
77 100
105 100.8 80.1 120.1
106 97.7 77.8 117.8

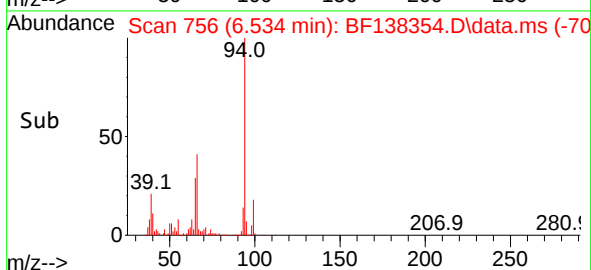
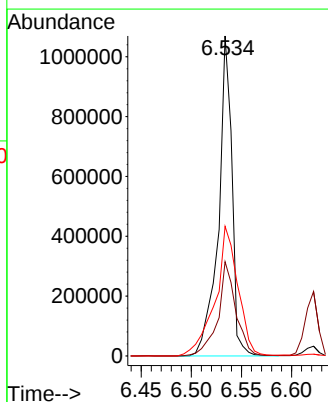
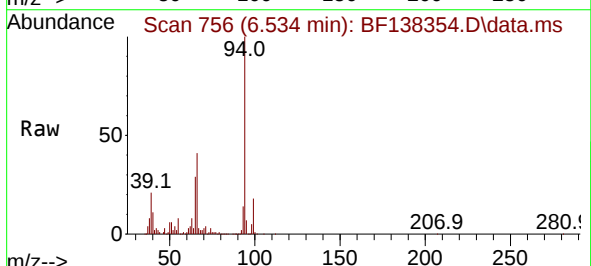
Manual Integrations
APPROVED

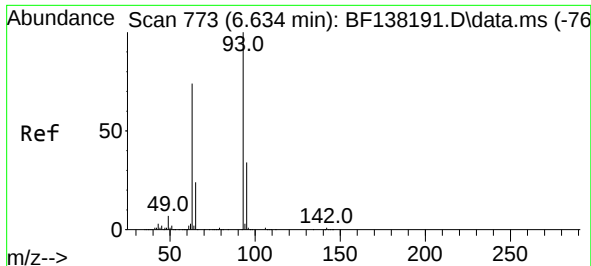
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Phenol
Concen: 42.607 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

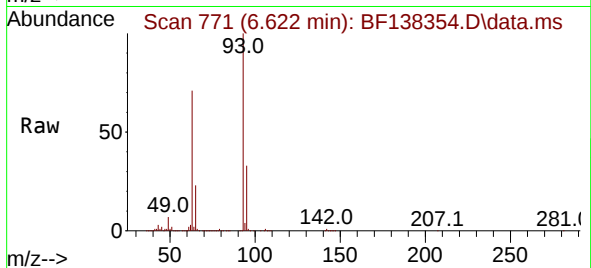
Tgt Ion: 94 Resp: 997992
Ion Ratio Lower Upper
94 100
65 29.5 6.8 46.8
66 40.5 14.2 54.2





#11
bis(2-Chloroethyl)ether
Concen: 43.406 ng
RT: 6.622 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

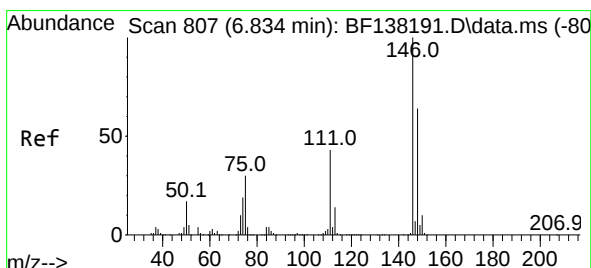
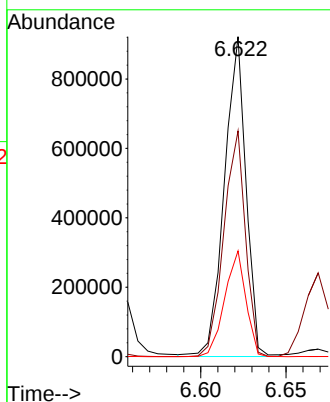
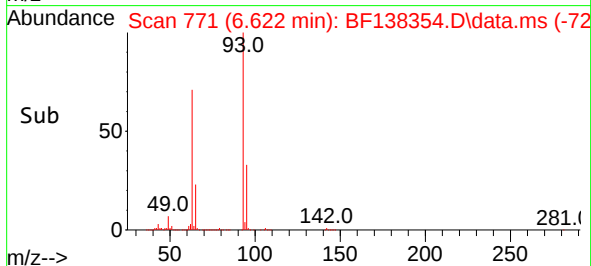
Instrument :
BNA_F
ClientSampleId :
PB161745BS



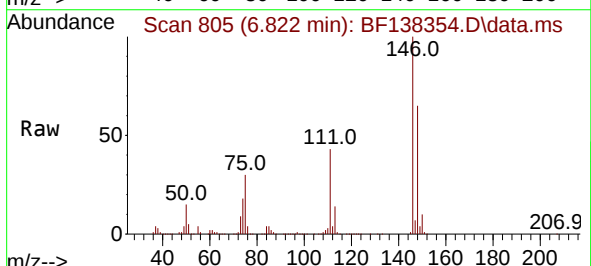
Tgt Ion: 93 Resp: 81370
Ion Ratio Lower Upper
93 100
63 70.5 52.5 92.5
95 33.0 13.2 53.2

Manual Integrations
APPROVED

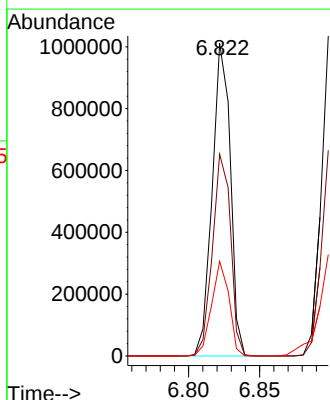
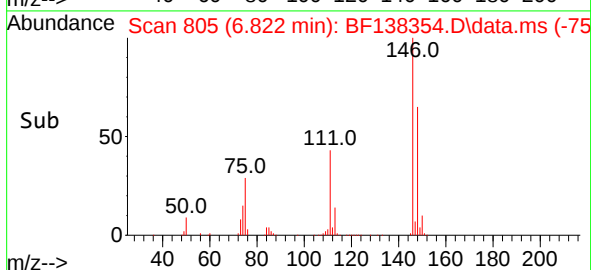
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

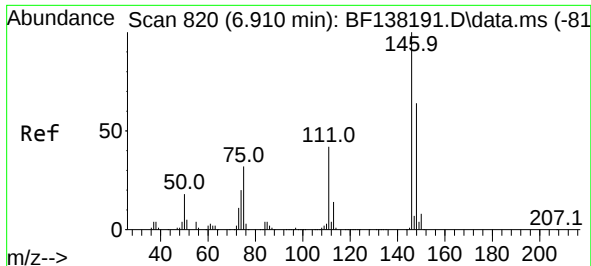


#12
1,3-Dichlorobenzene
Concen: 39.945 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



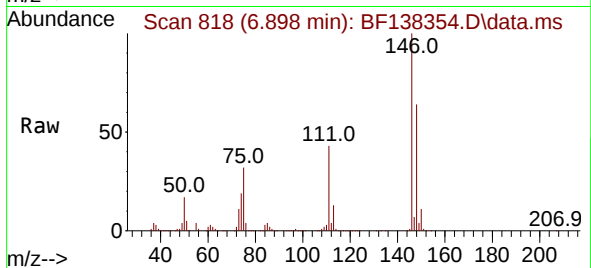
Tgt Ion:146 Resp: 893338
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
75 30.2 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 39.817 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

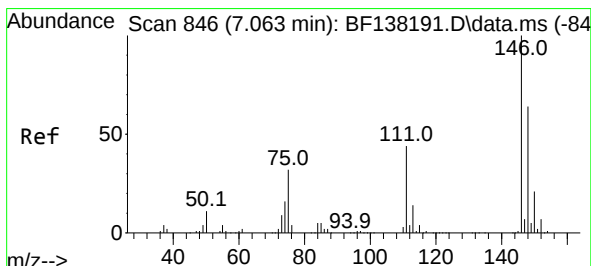
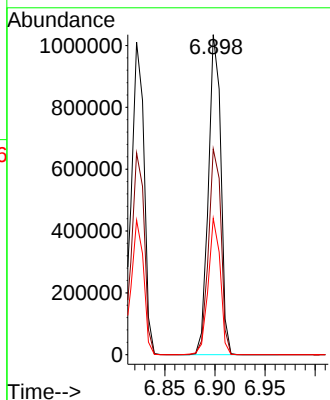
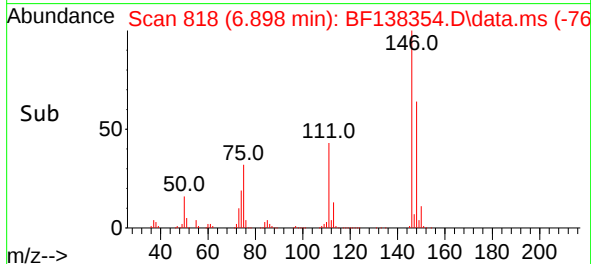
Instrument :
BNA_F
ClientSampleId :
PB161745BS



Tgt Ion:146 Resp: 896129
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
111 42.6 33.7 50.5

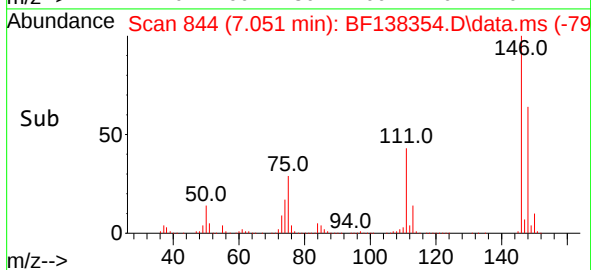
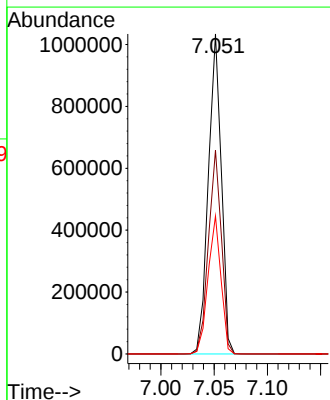
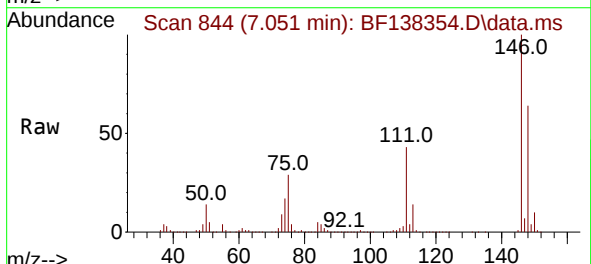
Manual Integrations
APPROVED

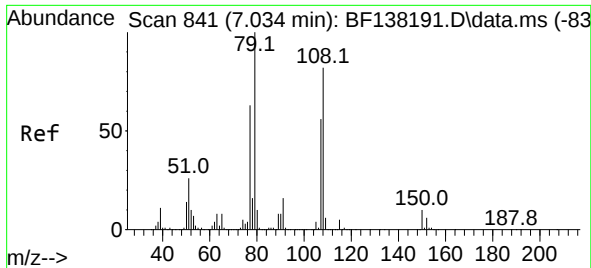
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#14
1,2-Dichlorobenzene
Concen: 41.488 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Tgt Ion:146 Resp: 876543
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
111 43.1 35.4 53.2





#15
Benzyl Alcohol
Concen: 45.904 ng
RT: 7.028 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

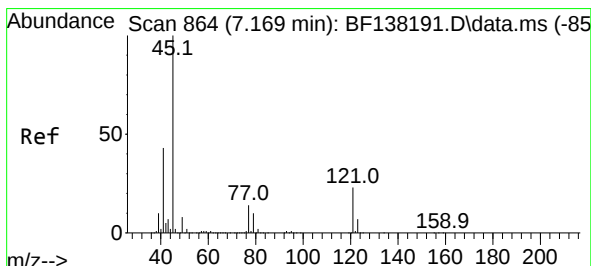
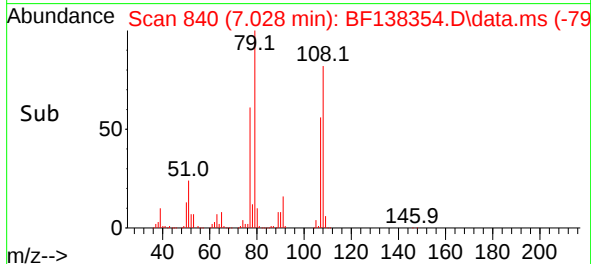
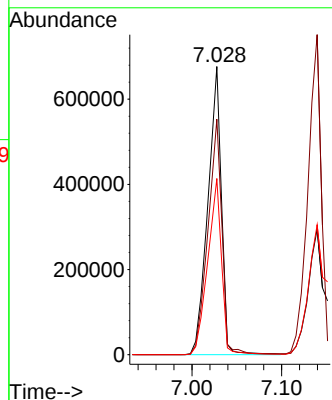
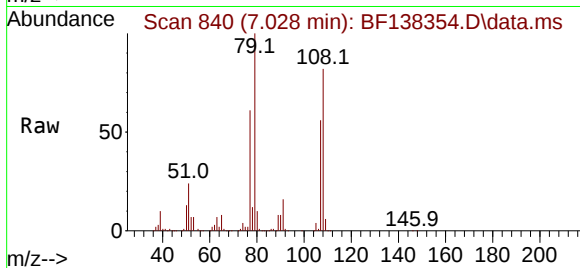
PB161745BS

Tgt Ion: 79 Resp: 714375
Ion Ratio Lower Upper
79 100
108 81.8 65.9 98.9
77 61.1 50.3 75.5

Manual Integrations

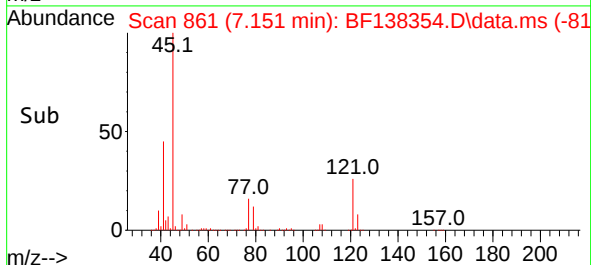
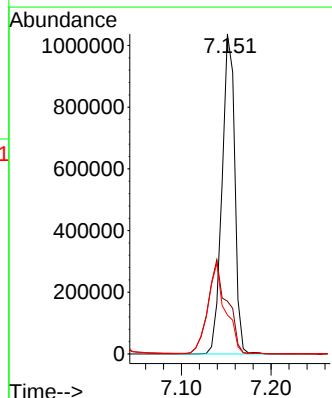
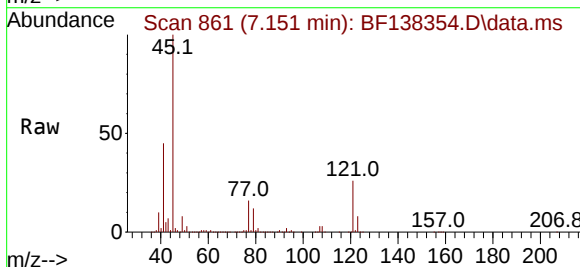
APPROVED

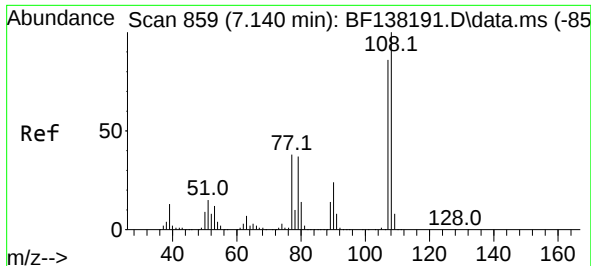
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.677 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.018 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Tgt Ion: 45 Resp: 1023296
Ion Ratio Lower Upper
45 100
77 16.5 0.0 33.9
79 12.2 0.0 30.7





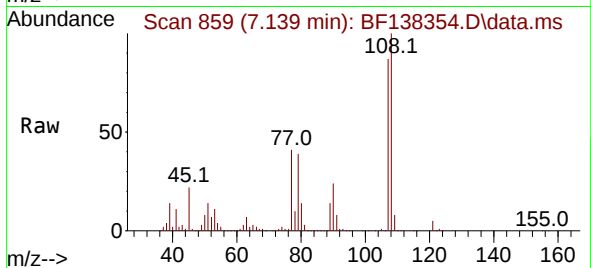
#17
2-Methylphenol
Concen: 44.074 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS



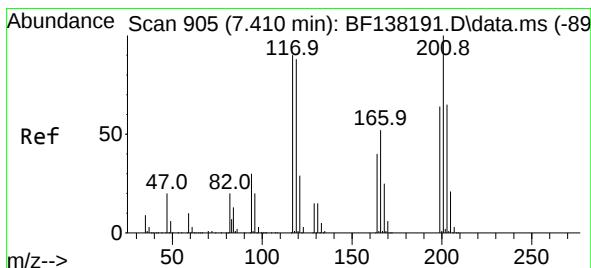
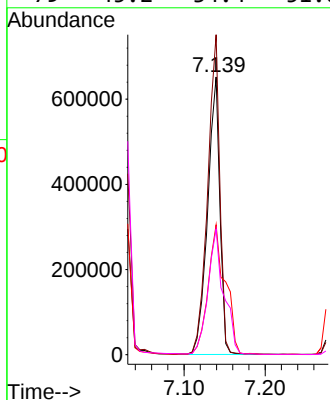
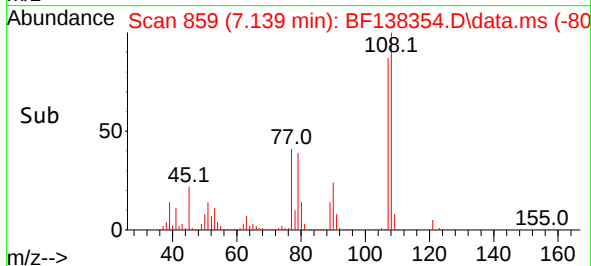
Tgt Ion:107 Resp: 68428
Ion Ratio Lower Upper
107 100
108 115.2 92.7 139.1
77 46.8 35.7 53.5
79 45.2 34.4 51.6

Manual Integrations

APPROVED

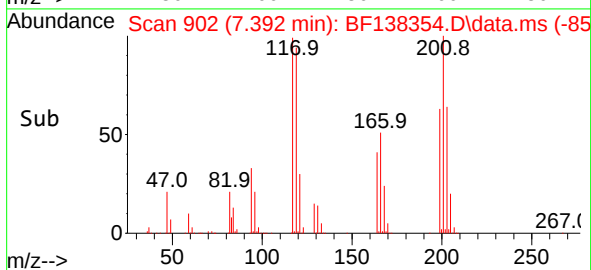
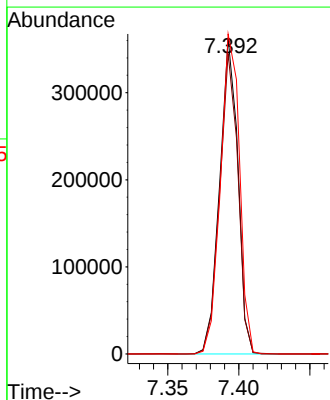
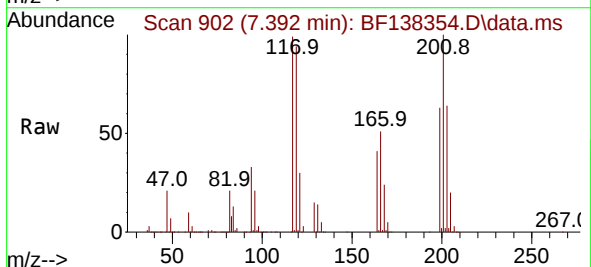
Reviewed By :Yogesh Patel 06/27/2024

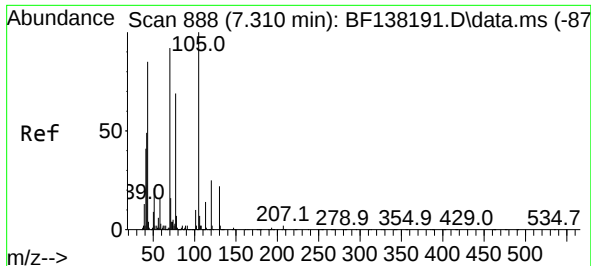
Supervised By :mohammad ahmed 06/27/2024



#18
Hexachloroethane
Concen: 42.246 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Tgt Ion:117 Resp: 322117
Ion Ratio Lower Upper
117 100
119 95.1 78.4 117.6
201 101.3 89.0 133.6





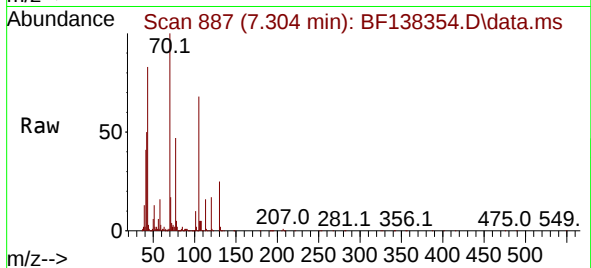
#19
n-Nitroso-di-n-propylamine
Concen: 40.606 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

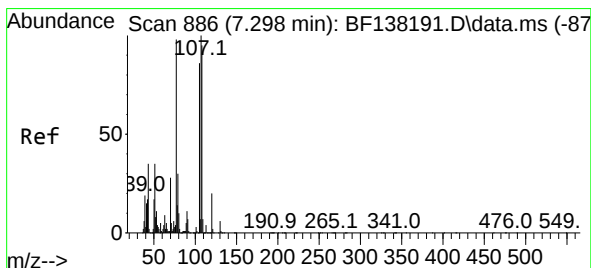
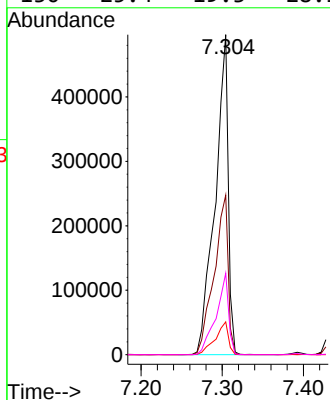
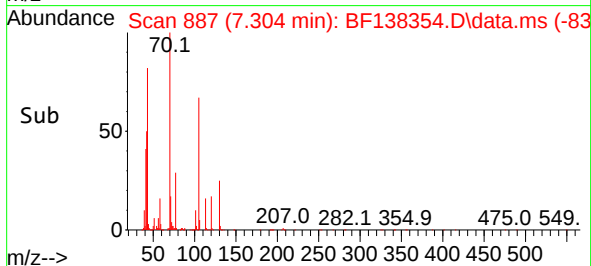
PB161745BS



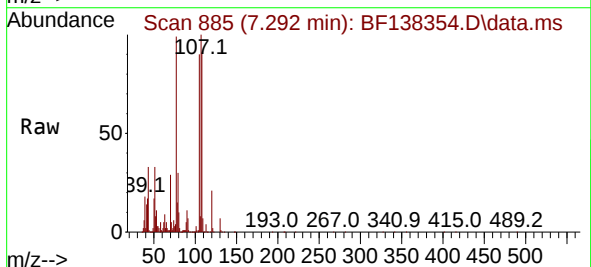
Tgt Ion: 70 Resp: 55553
Ion Ratio Lower Upper
70 100
42 49.8 42.8 64.2
101 10.3 8.4 12.6
130 25.4 19.3 28.9

Manual Integrations
APPROVED

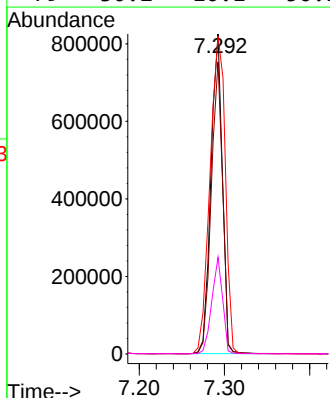
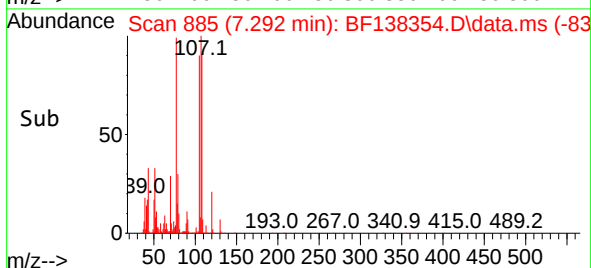
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

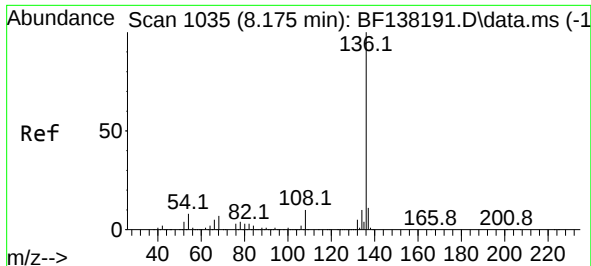


#20
3+4-Methylphenols
Concen: 39.440 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



Tgt Ion:107 Resp: 770735
Ion Ratio Lower Upper
107 100
108 91.3 74.9 114.9
77 99.4 78.2 118.2
79 30.2 10.1 50.1





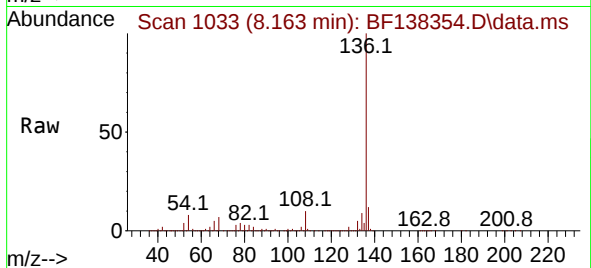
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS



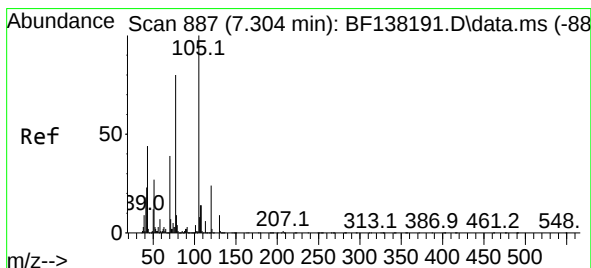
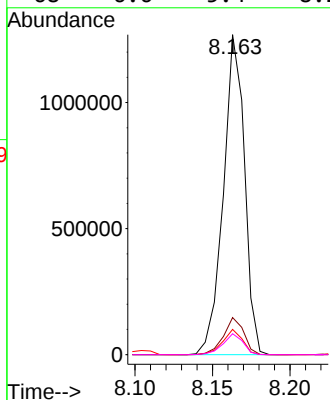
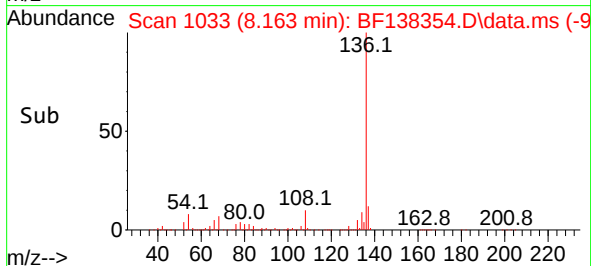
Tgt Ion:136 Resp: 1205824
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 7.9 6.6 10.0
68 6.6 5.4 8.2

Manual Integrations

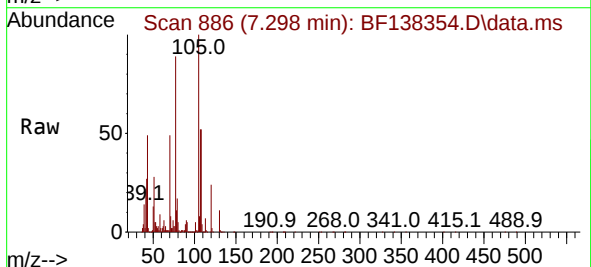
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

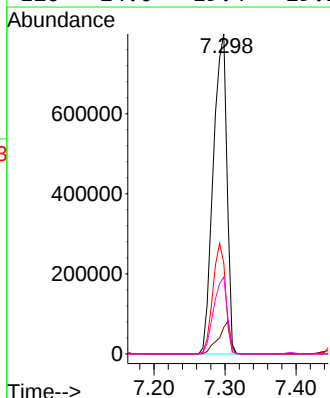
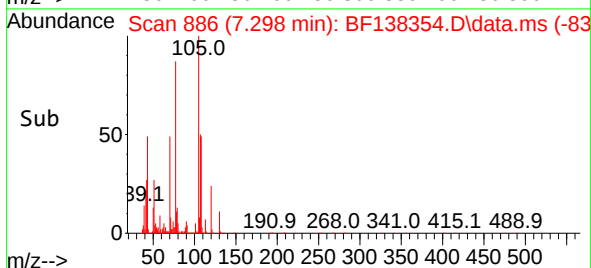
Supervised By :mohammad ahmed 06/27/2024

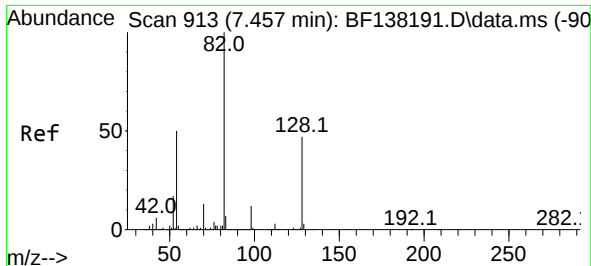


#22
Acetophenone
Concen: 38.558 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



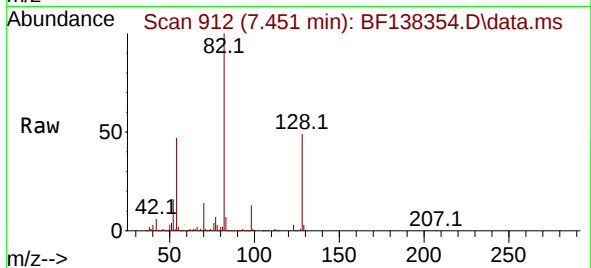
Tgt Ion:105 Resp: 1062127
Ion Ratio Lower Upper
105 100
71 8.4 5.4 8.2#
51 28.4 21.4 32.0
120 24.0 19.4 29.2





#23
Nitrobenzene-d5
Concen: 79.106 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

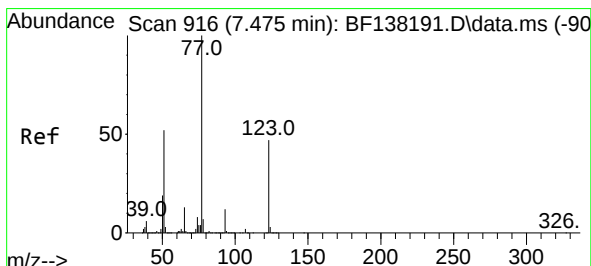
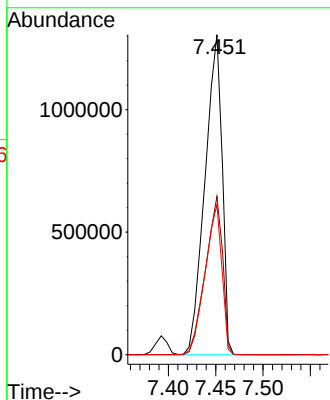
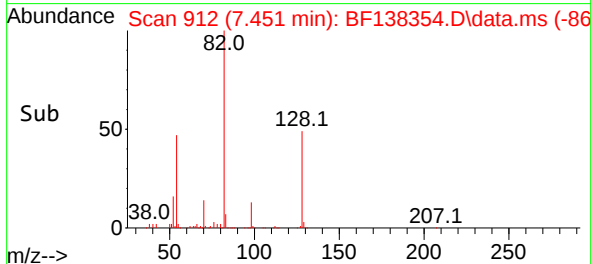
Instrument :
BNA_F
ClientSampleId :
PB161745BS



Tgt Ion: 82 Resp: 163850
Ion Ratio Lower Upper
82 100
128 49.5 37.2 55.8
54 46.9 39.8 59.6

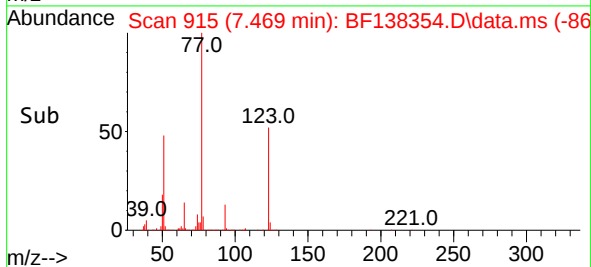
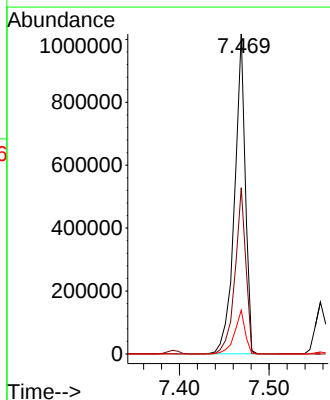
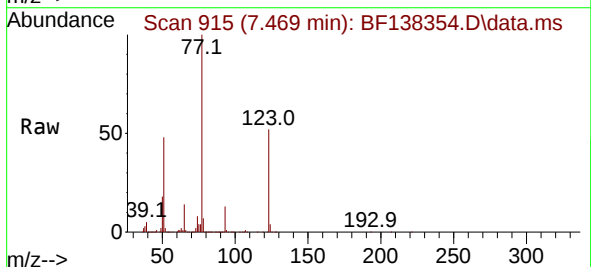
Manual Integrations
APPROVED

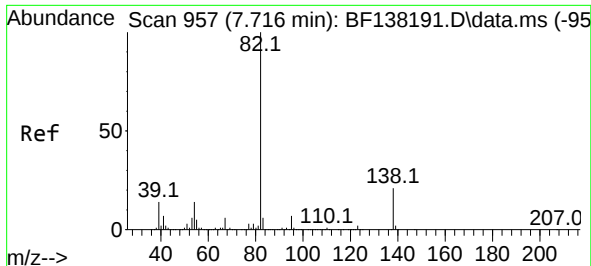
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#24
Nitrobenzene
Concen: 39.572 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

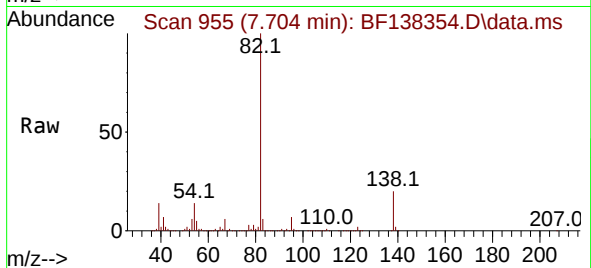
Tgt Ion: 77 Resp: 847146
Ion Ratio Lower Upper
77 100
123 52.0 37.3 55.9
65 13.7 10.6 15.8





#25
Isophorone
Concen: 42.177 ng
RT: 7.704 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

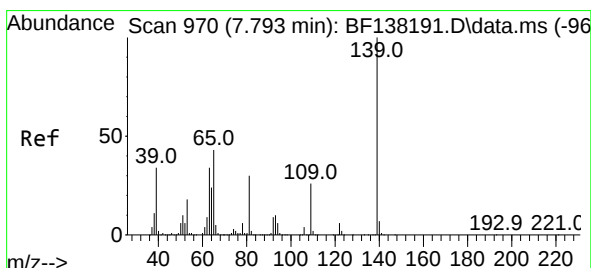
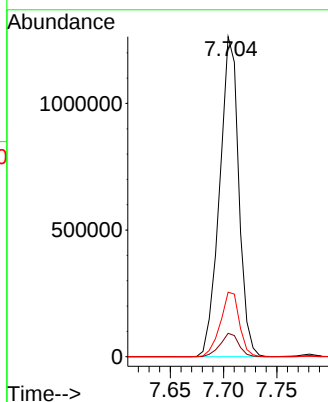
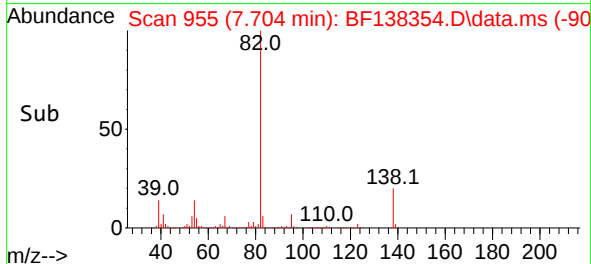
Instrument :
BNA_F
ClientSampleId :
PB161745BS



Tgt Ion: 82 Resp: 158017
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 20.2 16.4 24.6

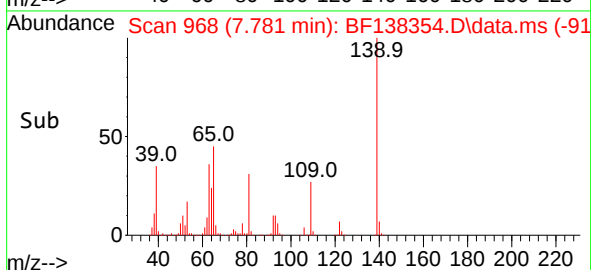
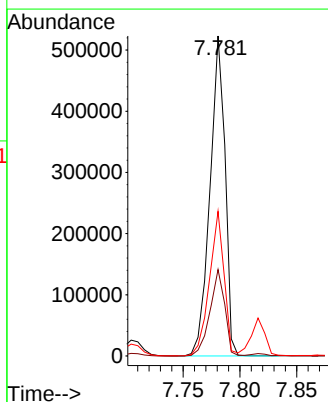
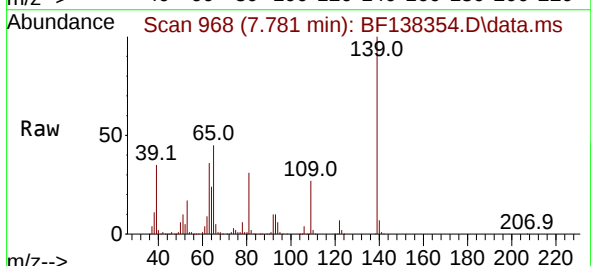
Manual Integrations
APPROVED

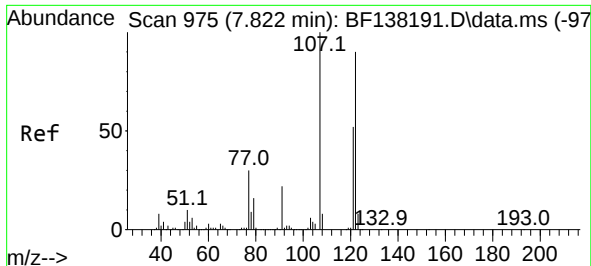
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#26
2-Nitrophenol
Concen: 56.093 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Tgt Ion:139 Resp: 482862
Ion Ratio Lower Upper
139 100
109 27.0 20.7 31.1
65 45.2 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 45.970 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138354.D

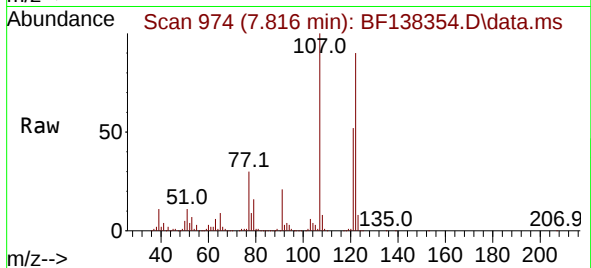
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS



Tgt Ion:122 Resp: 60204

Ion Ratio Lower Upper

122 100

107 110.5 87.7 131.5

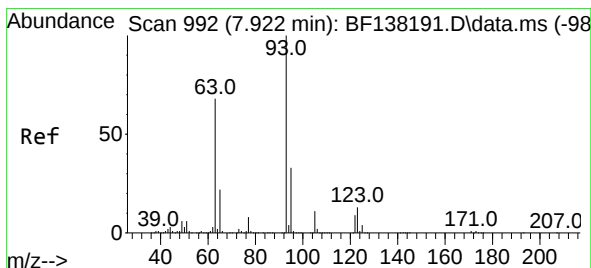
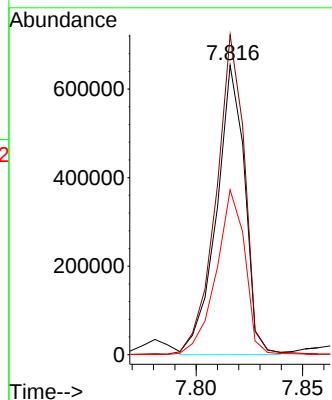
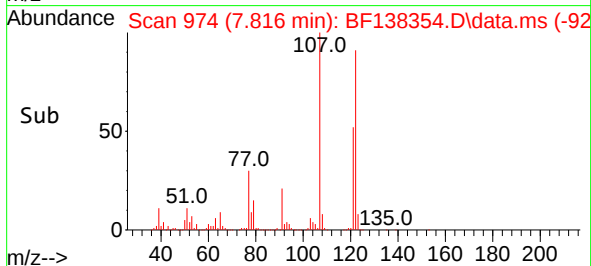
121 56.9 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.468 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

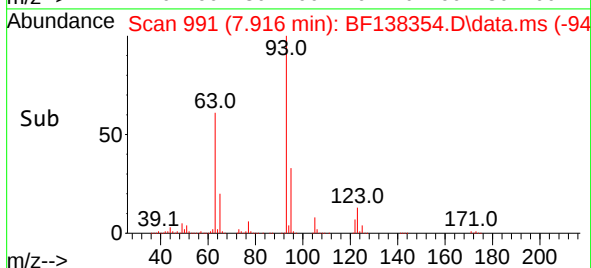
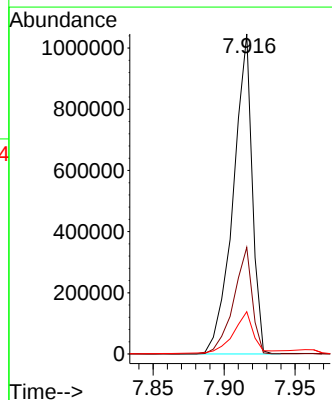
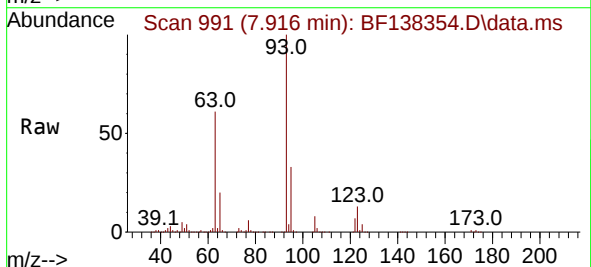
Tgt Ion: 93 Resp: 972541

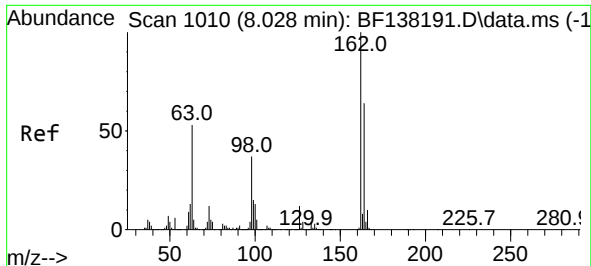
Ion Ratio Lower Upper

93 100

95 33.3 26.6 39.8

123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.347 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS

Tgt Ion:162 Resp: 730884

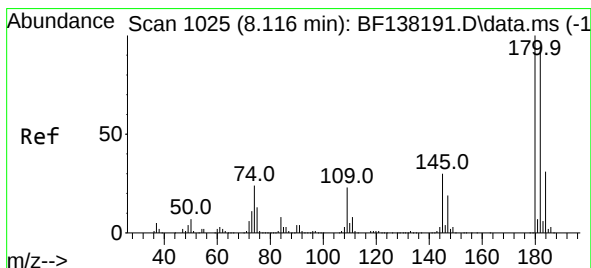
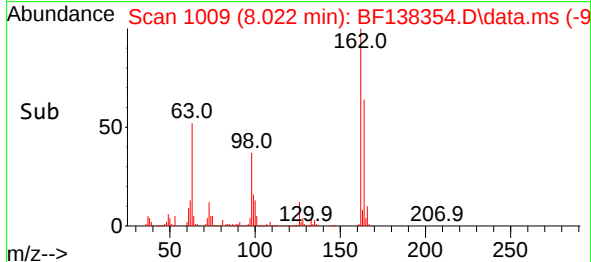
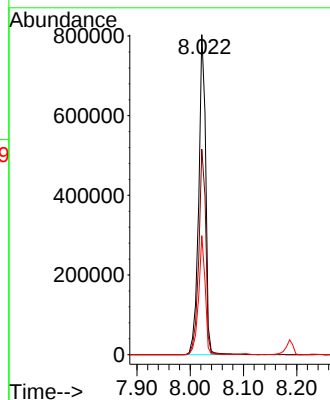
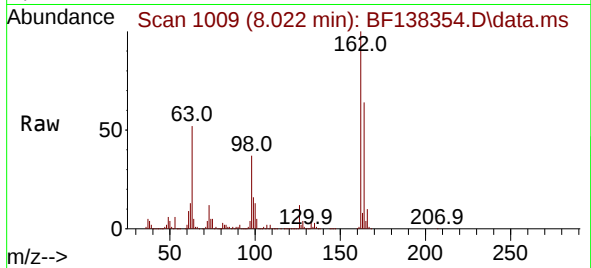
Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.3	84.3
98	37.2	16.5	56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.109 ng

RT: 8.104 min Scan# 1023

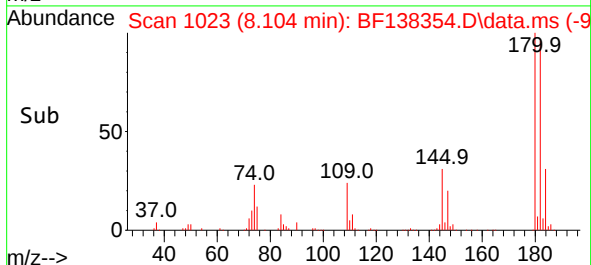
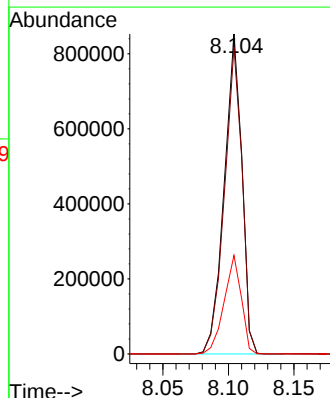
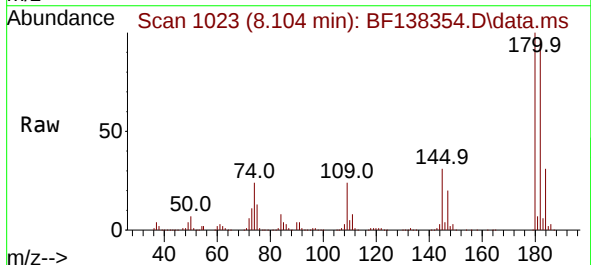
Delta R.T. -0.012 min

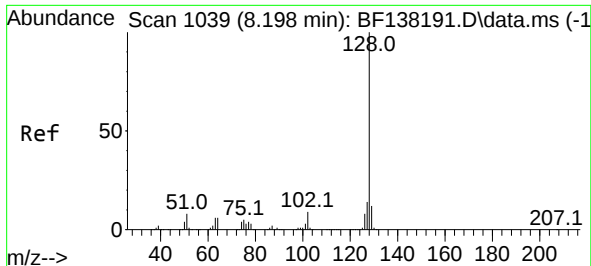
Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Tgt Ion:180 Resp: 797559

Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.0	112.6
145	30.8	23.8	35.6





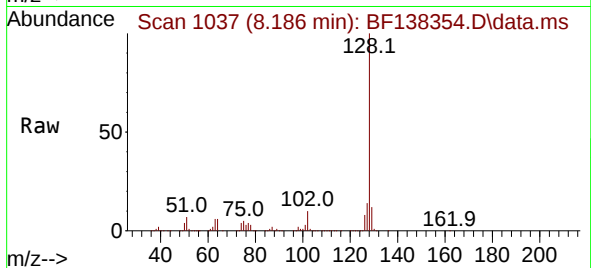
#31
Naphthalene
Concen: 39.449 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS



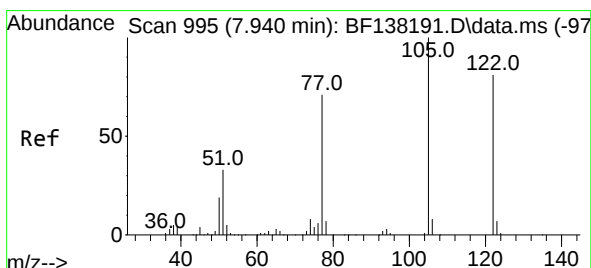
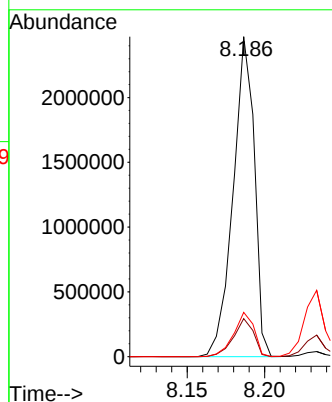
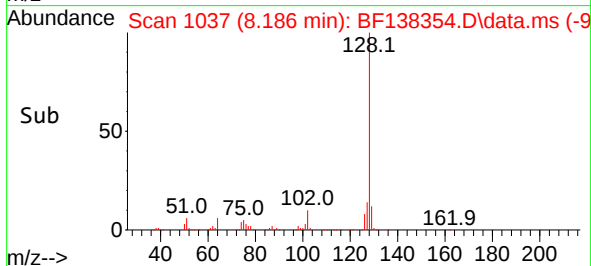
Tgt Ion:128 Resp: 235214
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 13.9 11.0 16.6

Manual Integrations

APPROVED

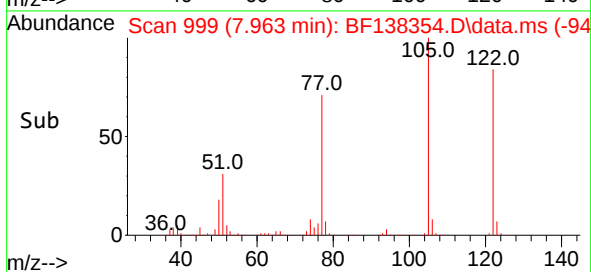
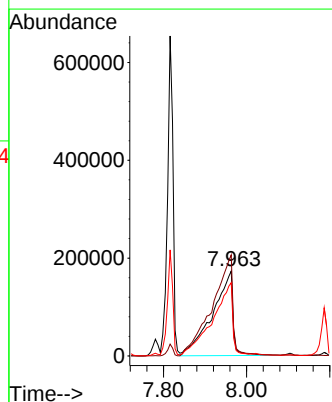
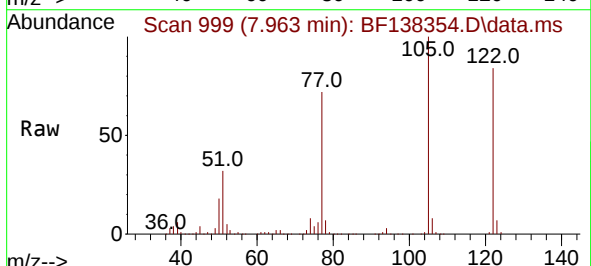
Reviewed By :Yogesh Patel 06/27/2024

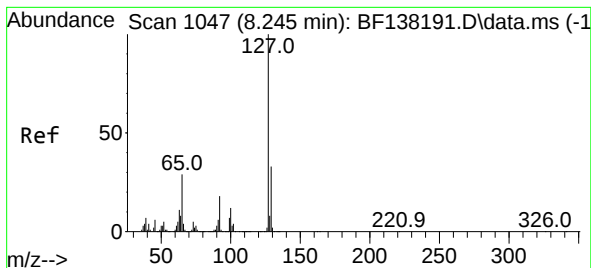
Supervised By :mohammad ahmed 06/27/2024



#32
Benzoic acid
Concen: 51.234 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.023 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Tgt Ion:122 Resp: 591376
Ion Ratio Lower Upper
122 100
105 119.1 100.1 140.1
77 86.3 66.5 106.5





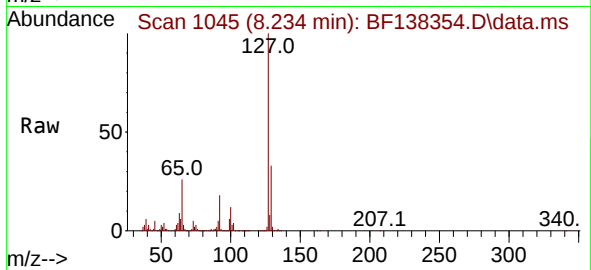
#33
4-Chloroaniline
Concen: 22.726 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS

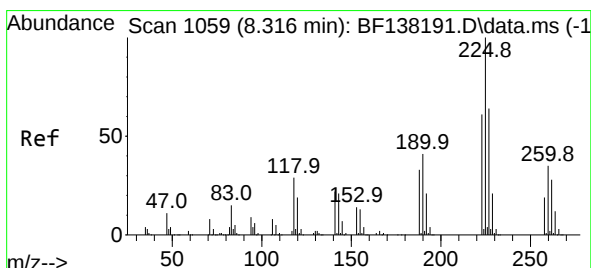
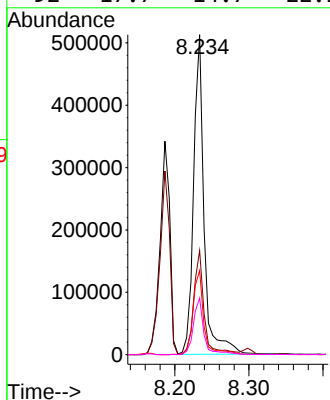
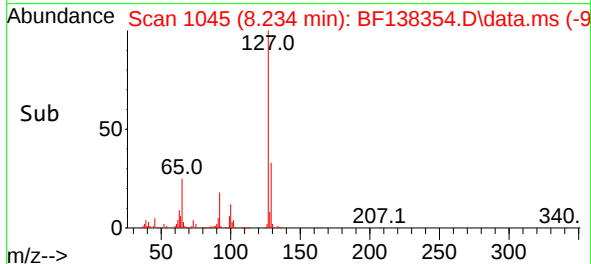


Tgt Ion:127 Resp: 506440
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1
65 26.3 23.6 35.4
92 17.7 14.7 22.1

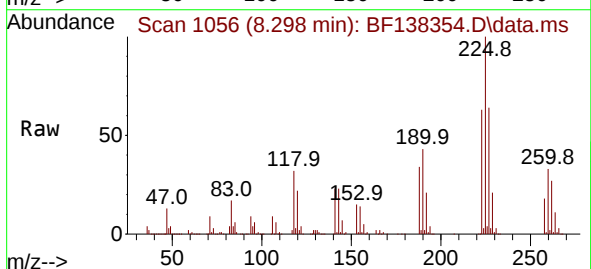
Manual Integrations

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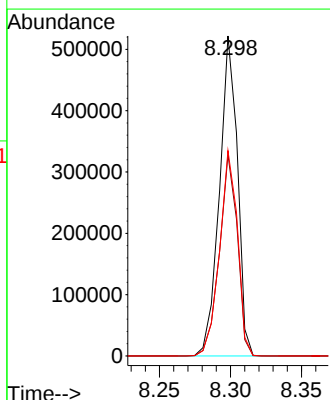
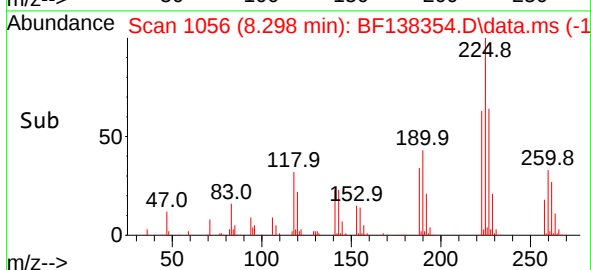
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

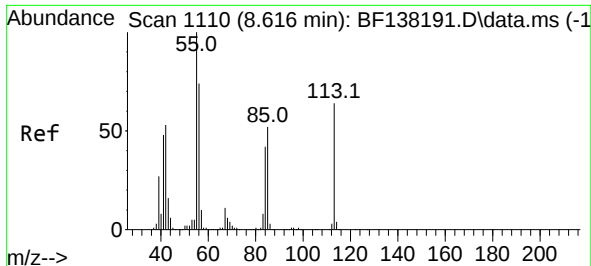


#34
Hexachlorobutadiene
Concen: 39.421 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.018 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



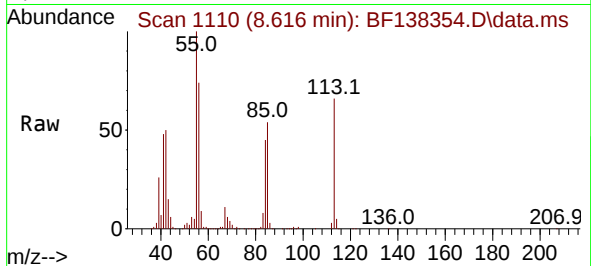
Tgt Ion:225 Resp: 458451
Ion Ratio Lower Upper
225 100
223 62.8 49.0 73.6
227 64.2 51.2 76.8





#35
Caprolactam
Concen: 50.390 ng m
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

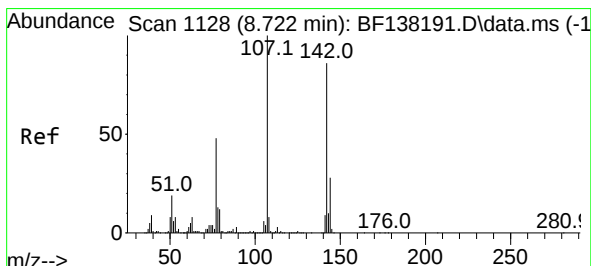
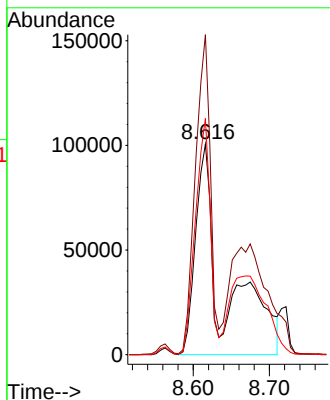
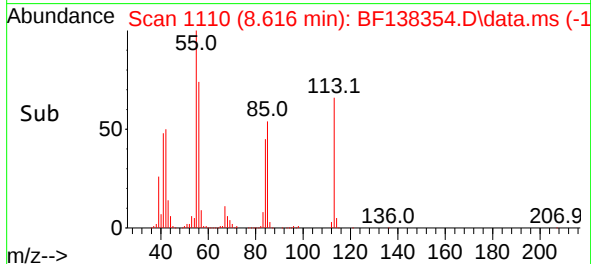
Instrument :
BNA_F
ClientSampleId :
PB161745BS



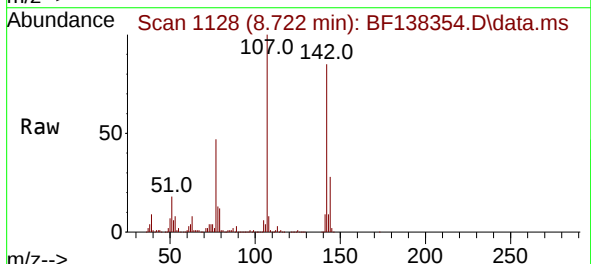
Tgt Ion:113 Resp: 25650
Ion Ratio Lower Upper
113 100
55 151.9 135.4 175.4
56 112.1 95.5 135.5

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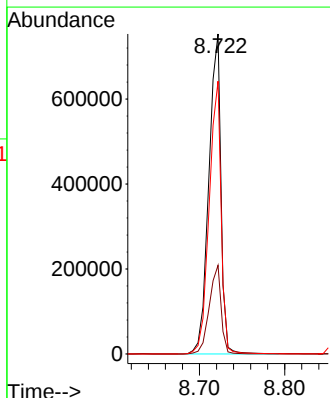
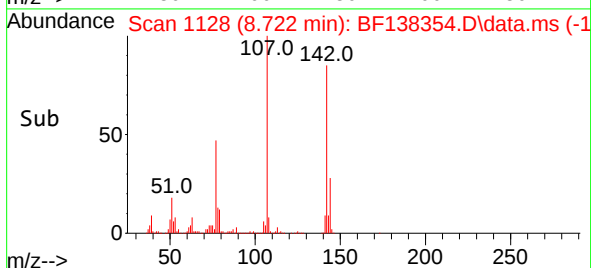
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

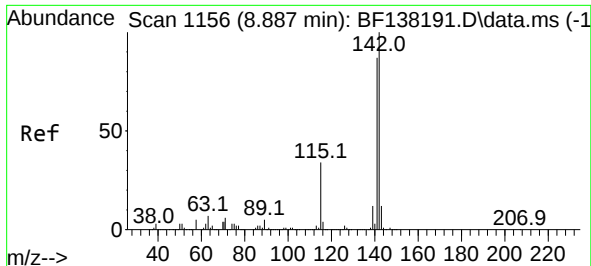


#36
4-Chloro-3-methylphenol
Concen: 44.415 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



Tgt Ion:107 Resp: 745633
Ion Ratio Lower Upper
107 100
144 27.7 22.6 34.0
142 85.3 69.0 103.4





#37

2-Methylnaphthalene

Concen: 40.024 ng

RT: 8.875 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS

Tgt Ion:142 Resp: 1566209

Ion Ratio Lower Upper

142 100

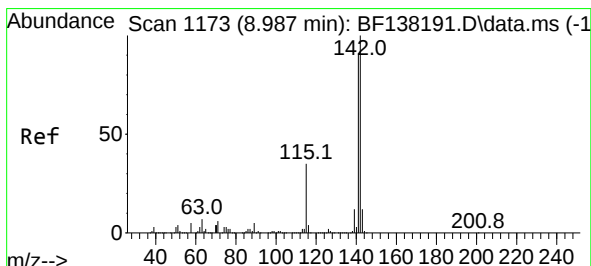
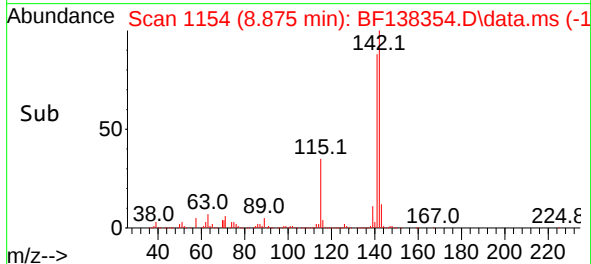
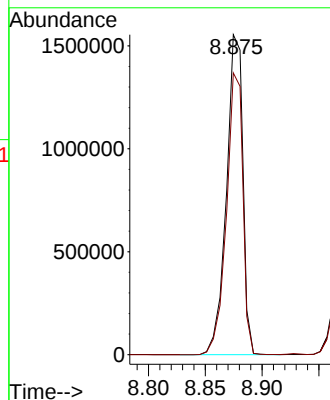
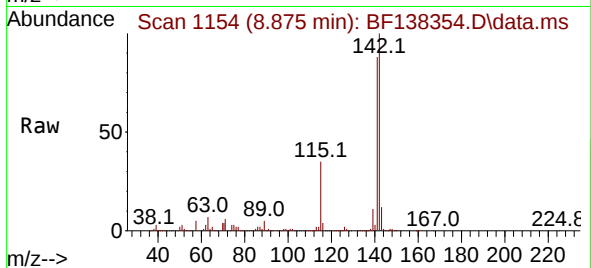
141 88.0 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#38

1-Methylnaphthalene

Concen: 38.196 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BF138354.D

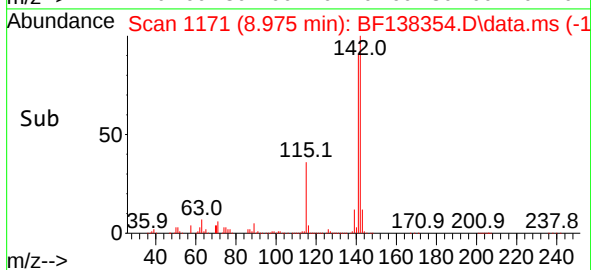
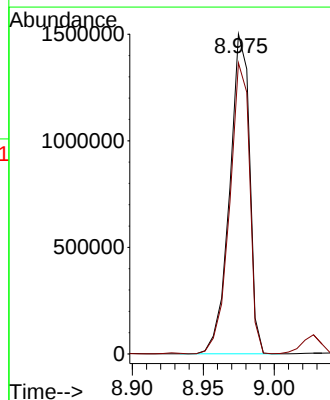
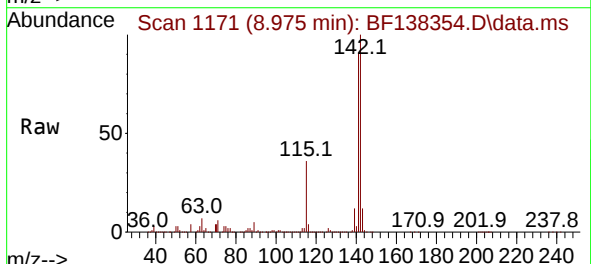
Acq: 26 Jun 2024 16:20

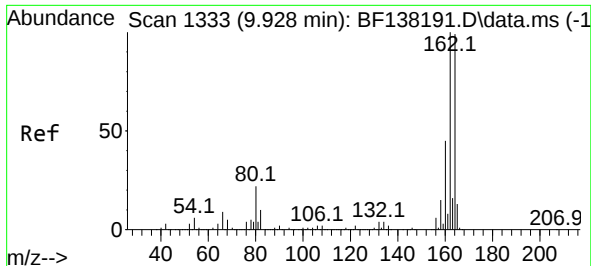
Tgt Ion:142 Resp: 1464689

Ion Ratio Lower Upper

142 100

141 91.0 72.8 109.2





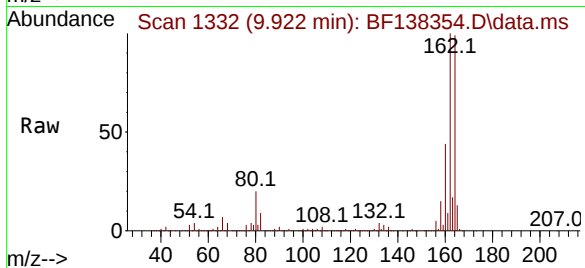
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS



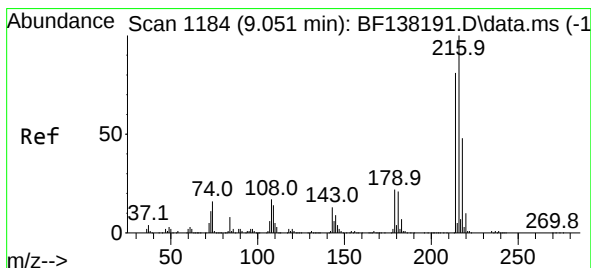
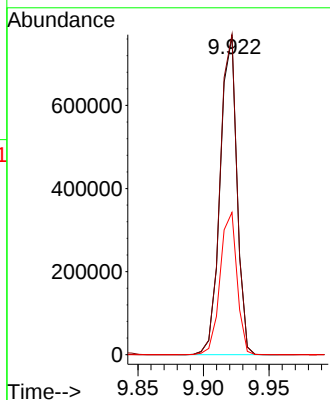
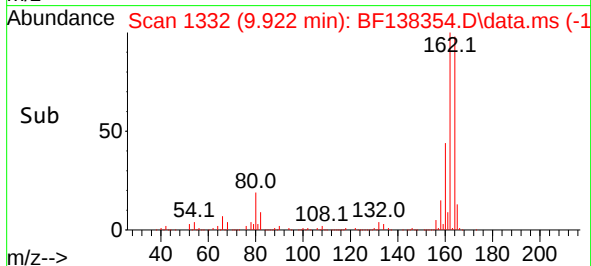
Tgt Ion:164 Resp: 68054
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 44.7 36.3 54.5

Manual Integrations

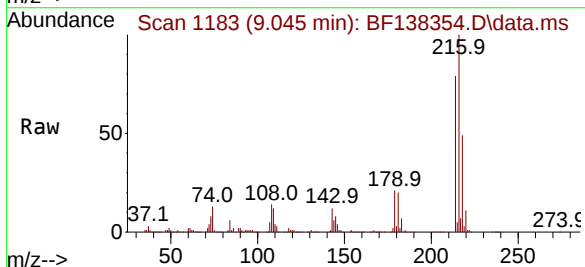
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

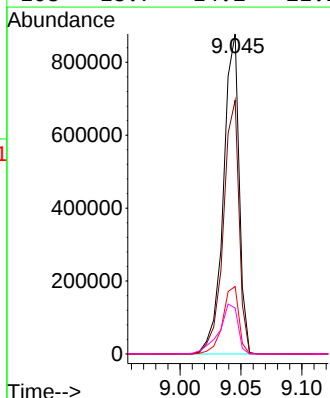
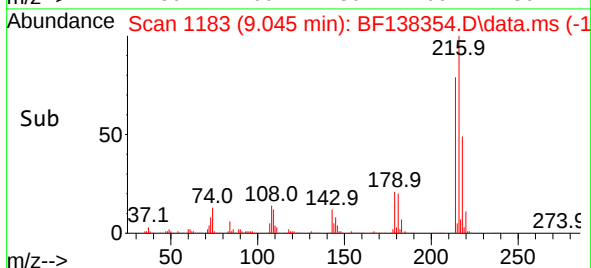
Supervised By :mohammad ahmed 06/27/2024

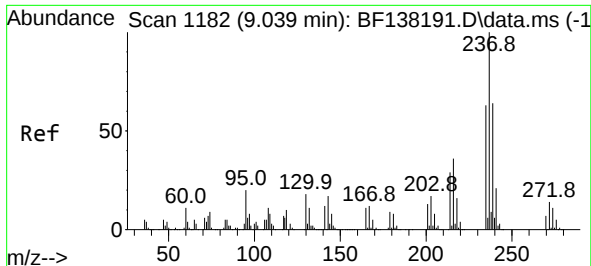


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.854 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



Tgt Ion:216 Resp: 792566
Ion Ratio Lower Upper
216 100
214 79.0 63.7 95.5
179 21.5 16.9 25.3
108 18.7 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 111.112 ng
RT: 9.028 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

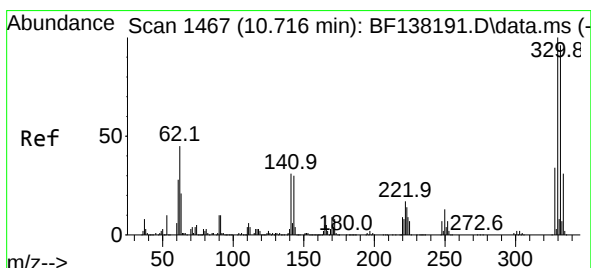
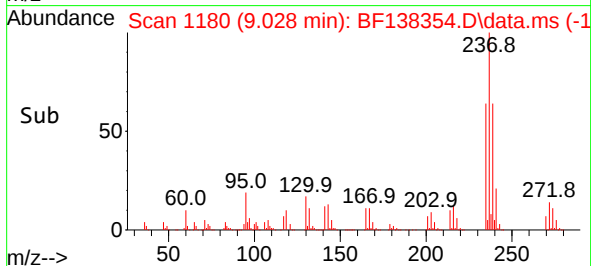
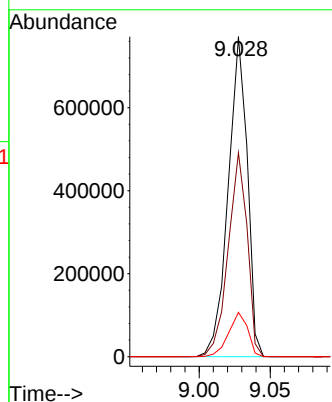
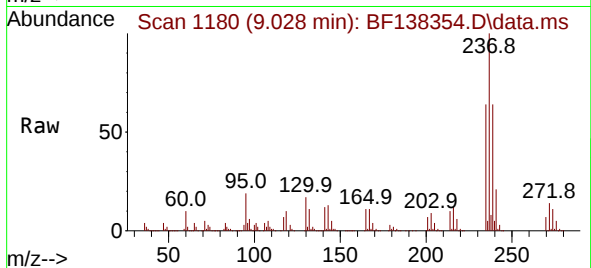
PB161745BS

Tgt Ion:237 Resp: 72050
Ion Ratio Lower Upper
237 100
235 63.7 43.3 83.3
272 13.8 0.0 34.0

Manual Integrations

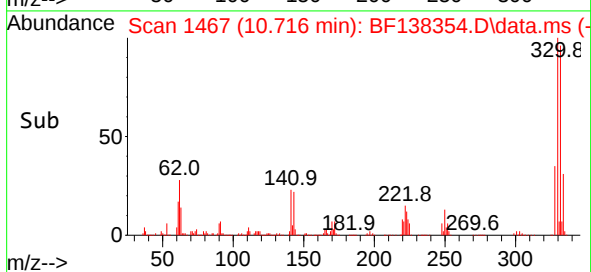
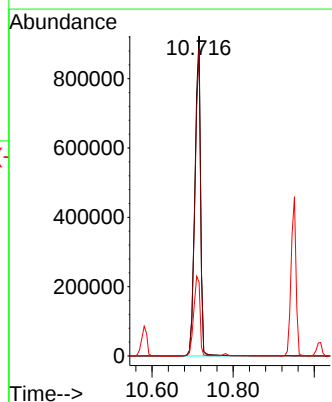
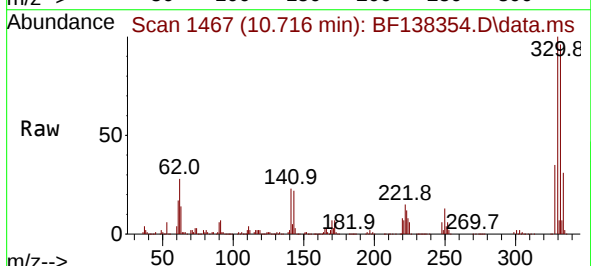
APPROVED

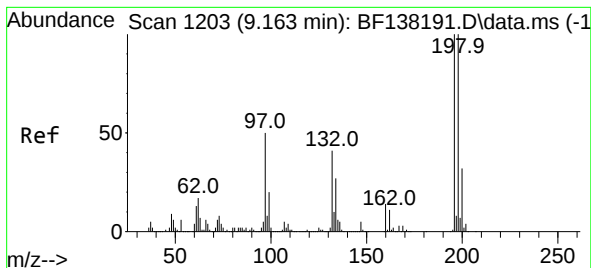
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#42
2,4,6-Tribromophenol
Concen: 130.250 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Tgt Ion:330 Resp: 882438
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 27.7 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 44.697 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS

Tgt Ion:196 Resp: 556570

Ion Ratio Lower Upper

196 100

198 99.9 79.8 119.6

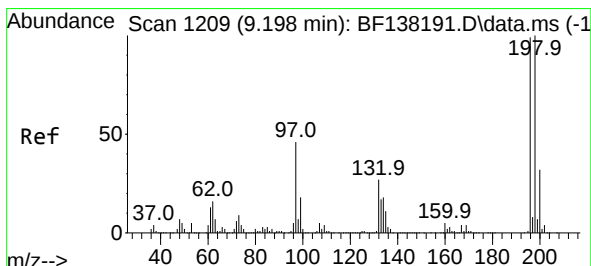
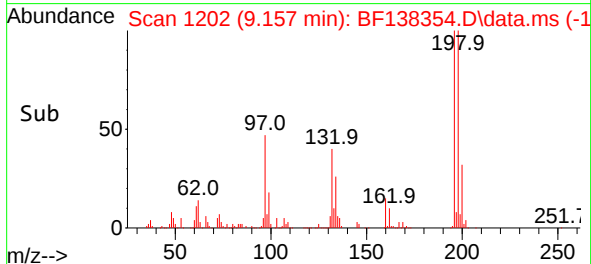
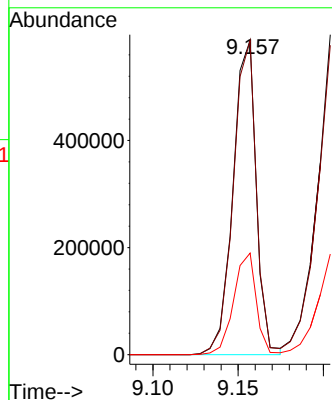
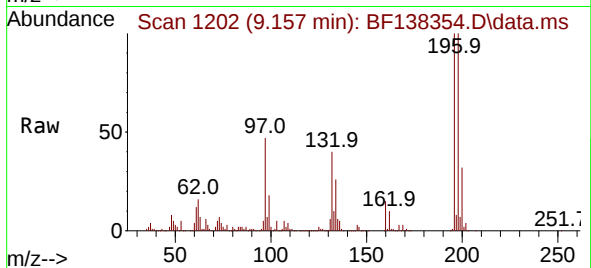
200 32.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#44

2,4,5-Trichlorophenol

Concen: 43.320 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Tgt Ion:196 Resp: 592379

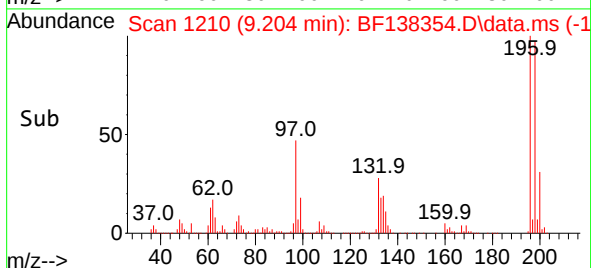
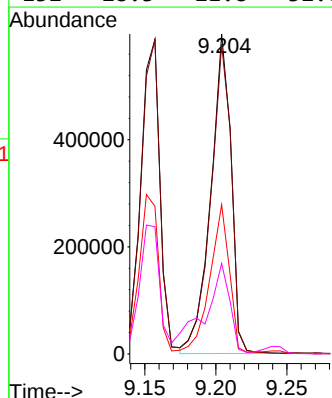
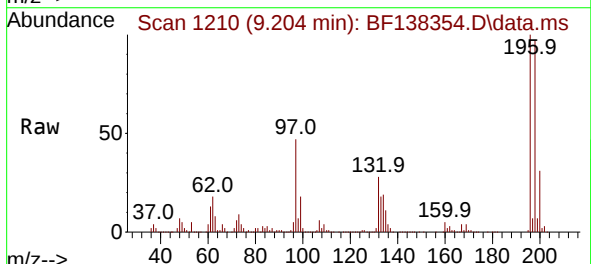
Ion Ratio Lower Upper

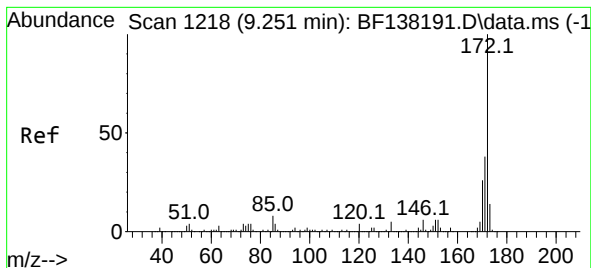
196 100

198 96.7 80.4 120.6

97 46.7 37.4 56.2

132 28.3 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 69.597 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS

Tgt Ion:172 Resp: 297860

Ion Ratio Lower Upper

172 100

171 36.7 30.3 45.5

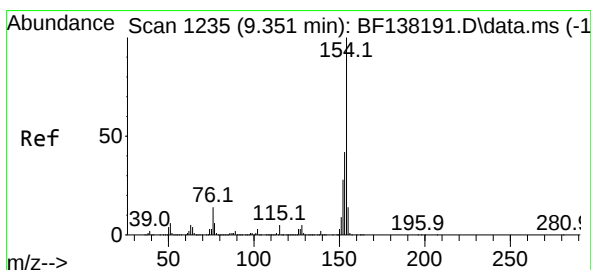
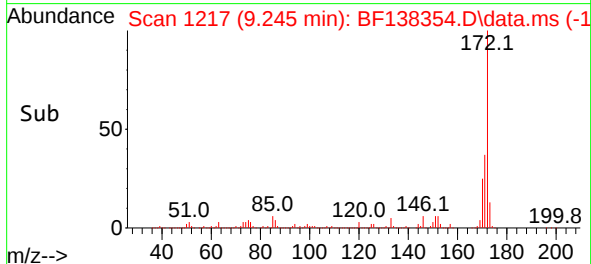
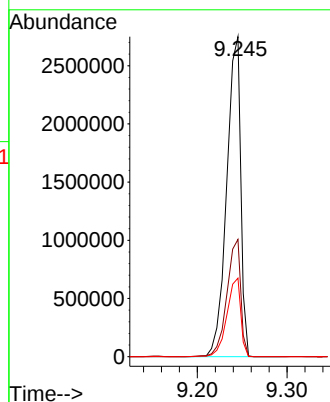
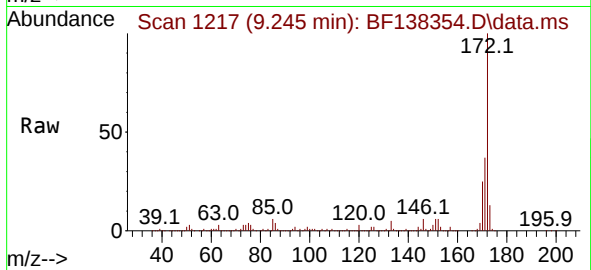
170 24.6 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#46

1,1'-Biphenyl

Concen: 38.783 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

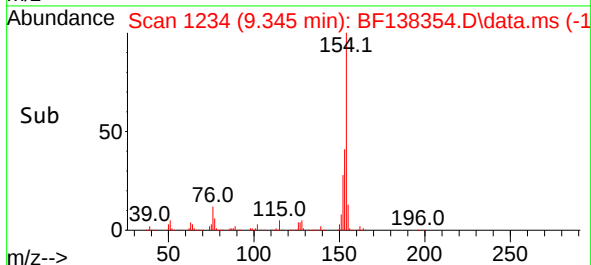
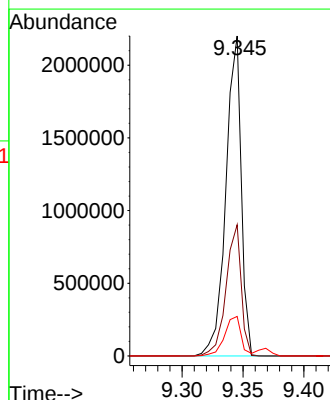
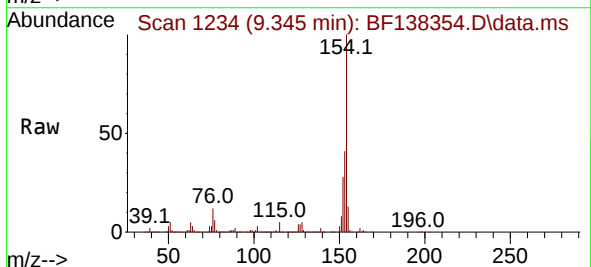
Tgt Ion:154 Resp: 1936708

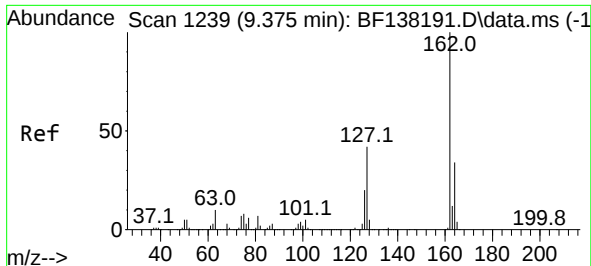
Ion Ratio Lower Upper

154 100

153 41.0 22.1 62.1

76 12.3 0.0 34.3





#47

2-Chloronaphthalene

Concen: 38.951 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS

Tgt Ion:162 Resp: 153724

Ion Ratio Lower Upper

162 100

127 41.2 33.6 50.4

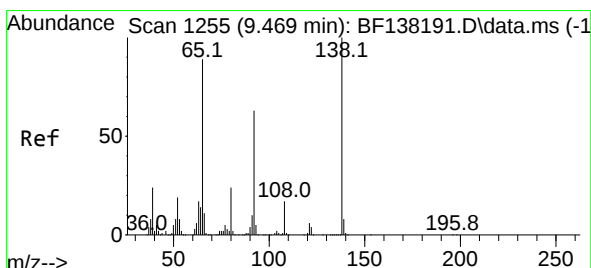
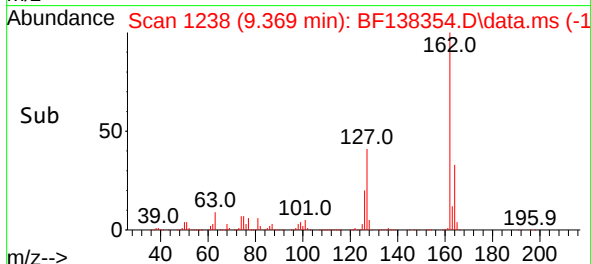
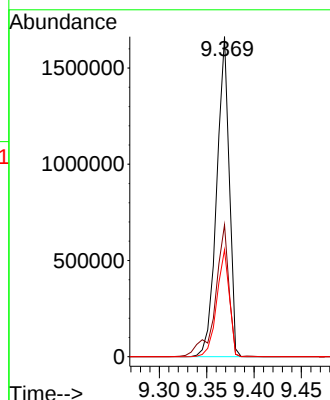
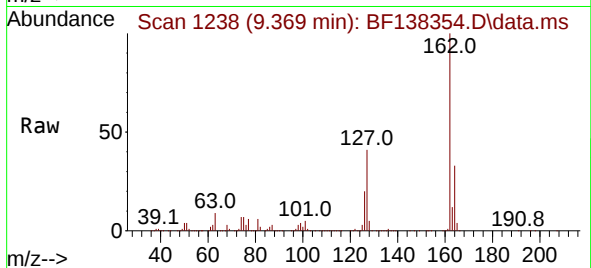
164 33.4 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#48

2-Nitroaniline

Concen: 48.077 ng

RT: 9.463 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

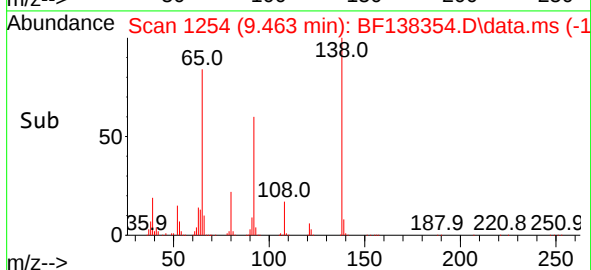
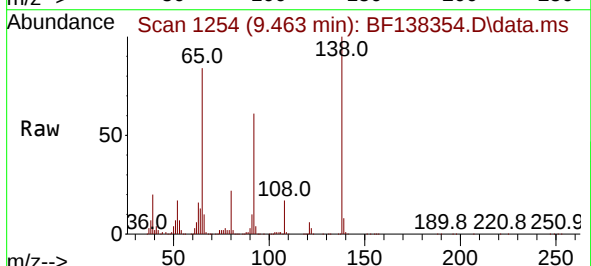
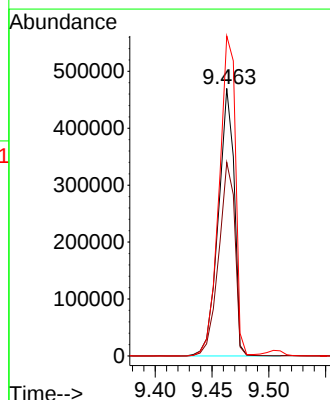
Tgt Ion: 65 Resp: 456948

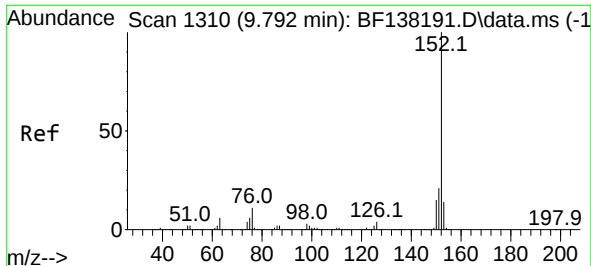
Ion Ratio Lower Upper

65 100

92 72.4 56.6 85.0

138 119.6 90.1 135.1





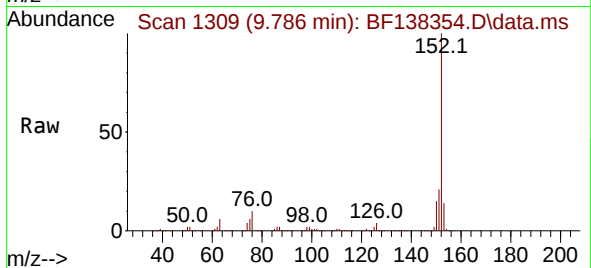
#49
Acenaphthylene
Concen: 42.460 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

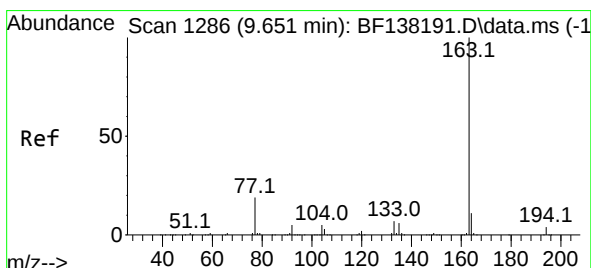
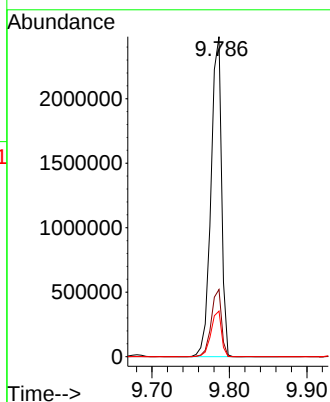
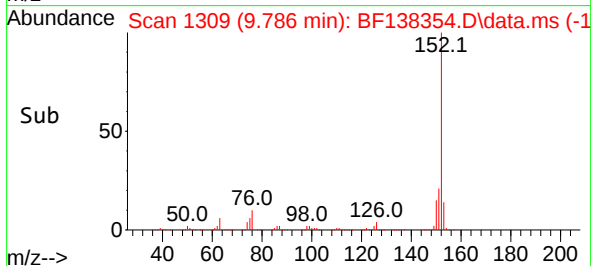
PB161745BS



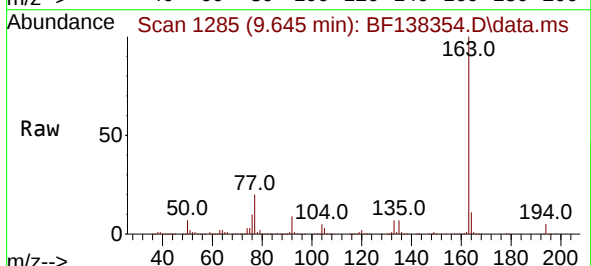
Tgt Ion:152 Resp: 234978
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 14.3 11.4 17.0

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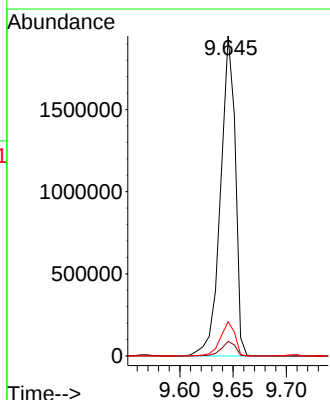
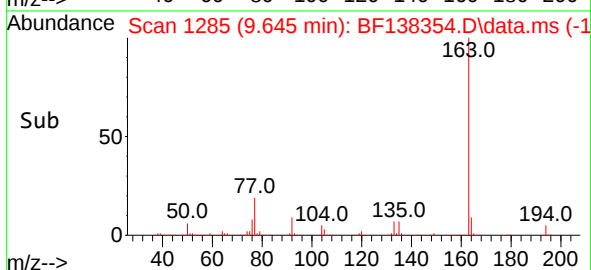
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

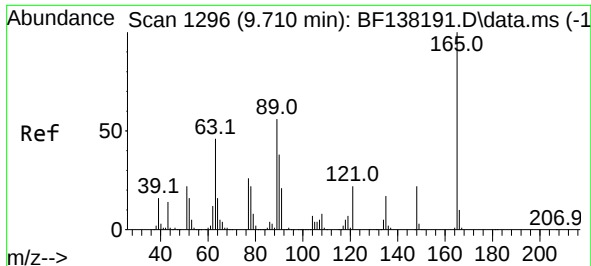


#50
Dimethylphthalate
Concen: 44.848 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



Tgt Ion:163 Resp: 1870050
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.7 8.5 12.7





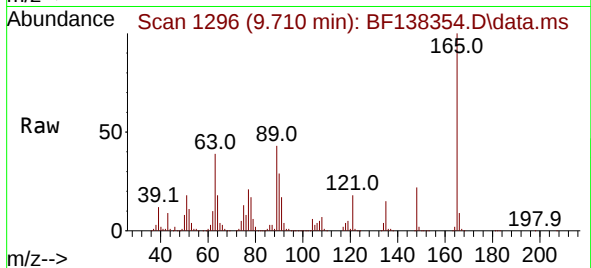
#51
2,6-Dinitrotoluene
Concen: 48.734 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS



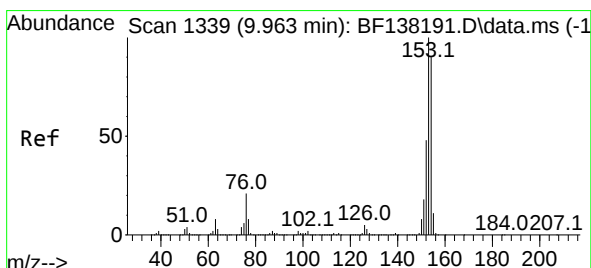
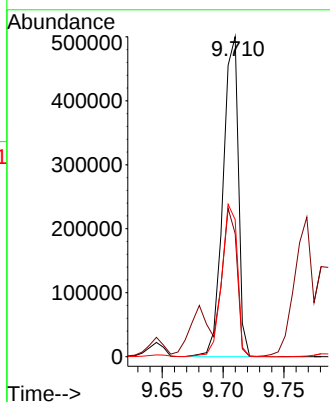
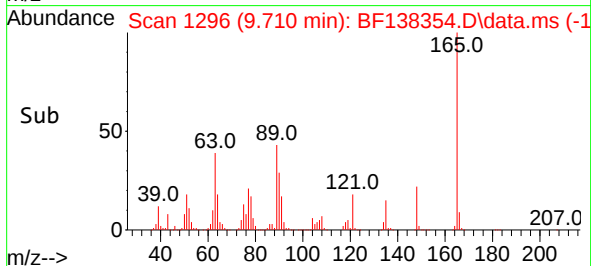
Tgt Ion:165 Resp: 440844
Ion Ratio Lower Upper
165 100
63 38.5 43.7 65.5
89 42.9 44.9 67.3

Manual Integrations

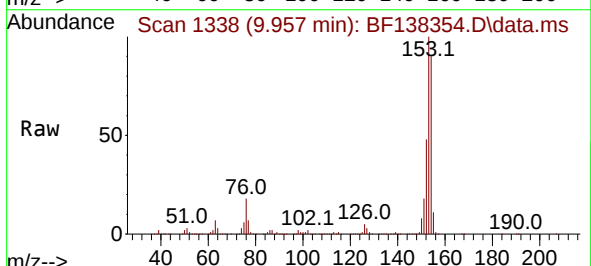
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

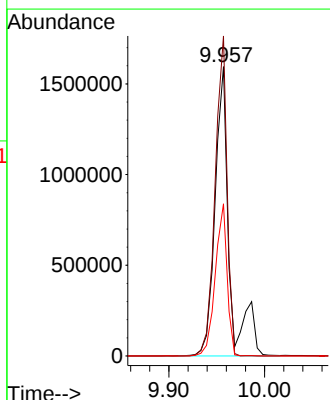
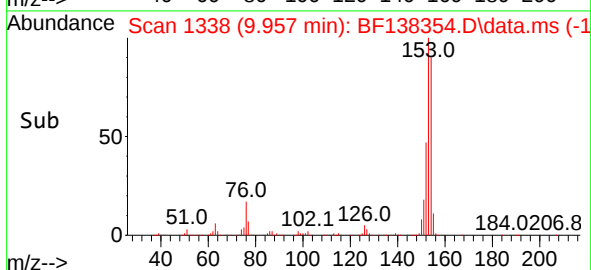
Supervised By :mohammad ahmed 06/27/2024

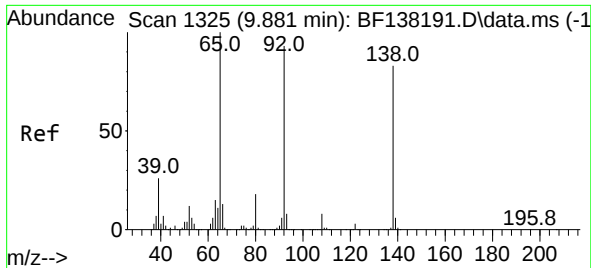


#52
Acenaphthene
Concen: 43.887 ng m
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



Tgt Ion:154 Resp: 1656166
Ion Ratio Lower Upper
154 100
153 110.6 89.1 133.7
152 52.6 42.4 63.6





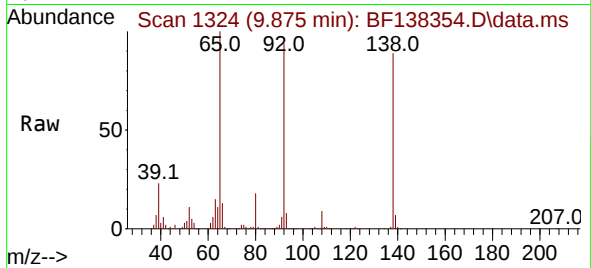
#53
3-Nitroaniline
Concen: 34.933 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

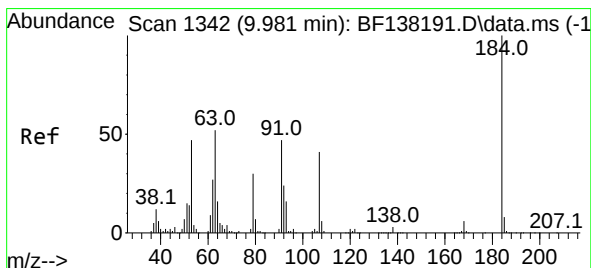
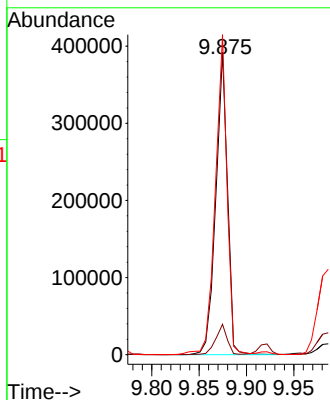
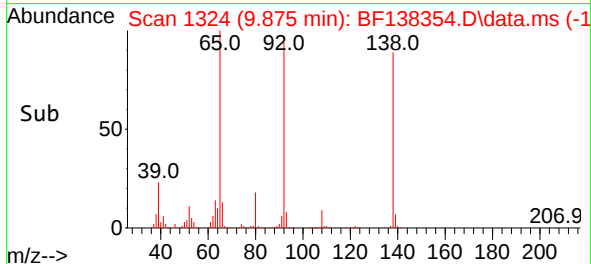
PB161745BS



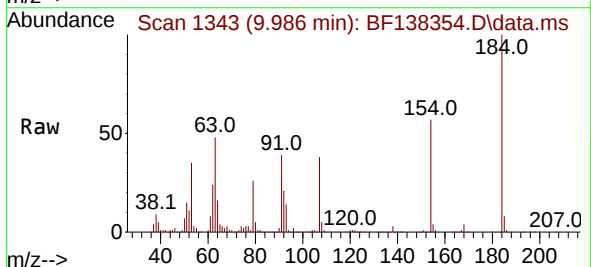
Tgt Ion:138 Resp: 337579
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 105.8 90.0 135.0

Manual Integrations
APPROVED

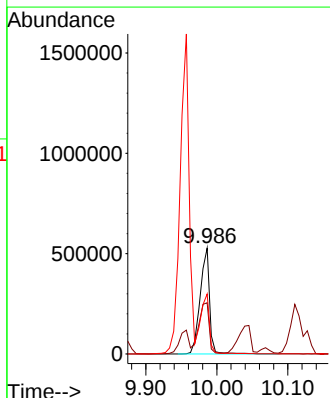
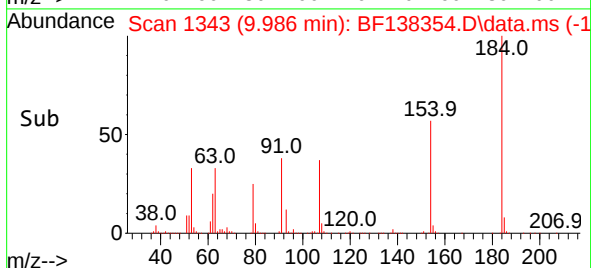
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

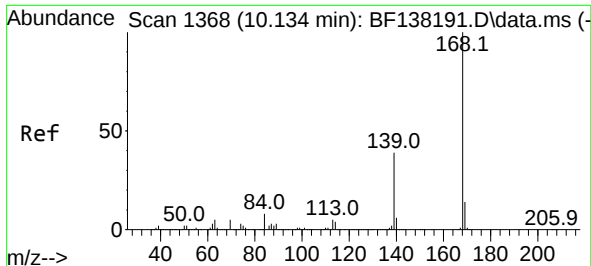


#54
2,4-Dinitrophenol
Concen: 98.149 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



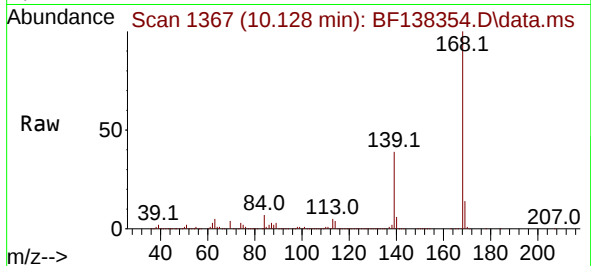
Tgt Ion:184 Resp: 490286
Ion Ratio Lower Upper
184 100
63 48.4 49.2 73.8#
154 56.7 46.7 70.1





#55
Dibenzenofuran
Concen: 40.471 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

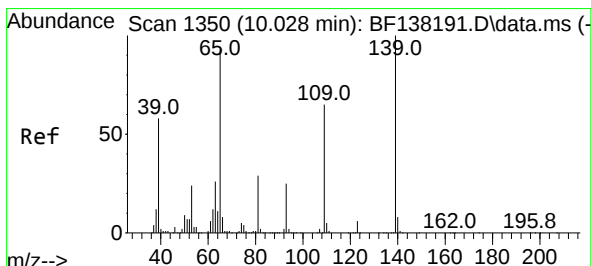
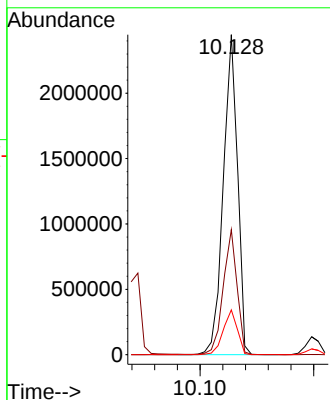
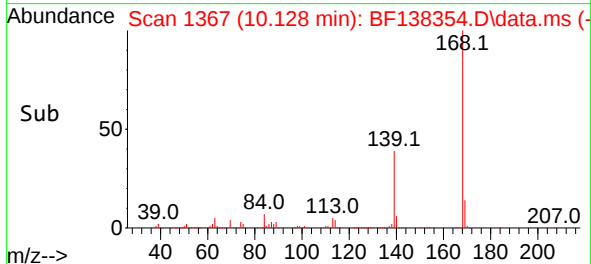
Instrument :
BNA_F
ClientSampleId :
PB161745BS



Tgt Ion:168 Resp: 2135020
Ion Ratio Lower Upper
168 100
139 39.1 31.0 46.4
169 14.0 11.4 17.0

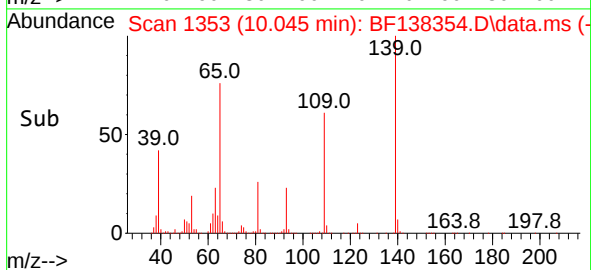
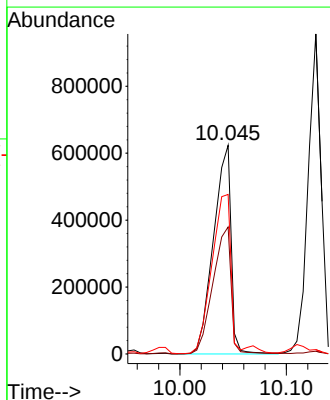
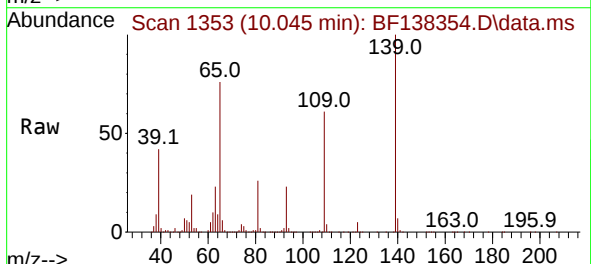
Manual Integrations
APPROVED

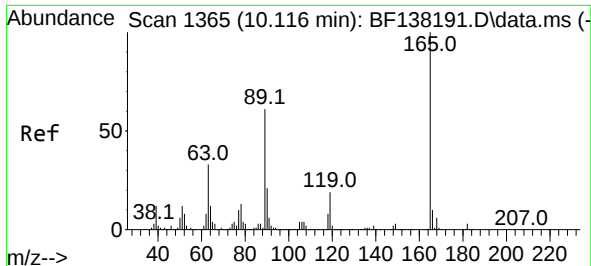
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#56
4-Nitrophenol
Concen: 93.179 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Tgt Ion:139 Resp: 711580
Ion Ratio Lower Upper
139 100
109 60.8 44.6 84.6
65 76.4 73.1 113.1





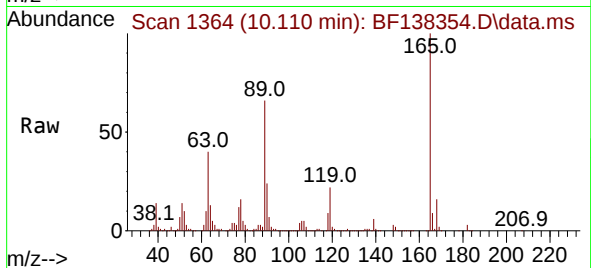
#57
2,4-Dinitrotoluene
Concen: 52.883 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS



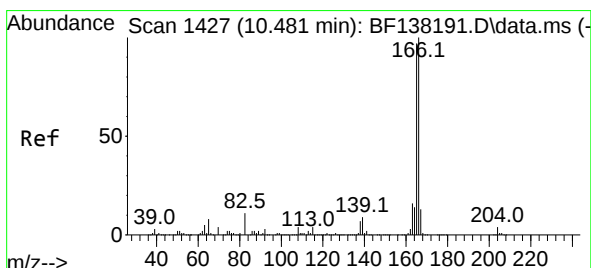
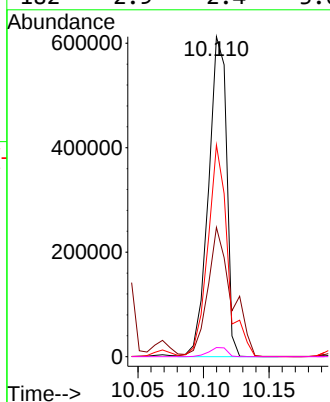
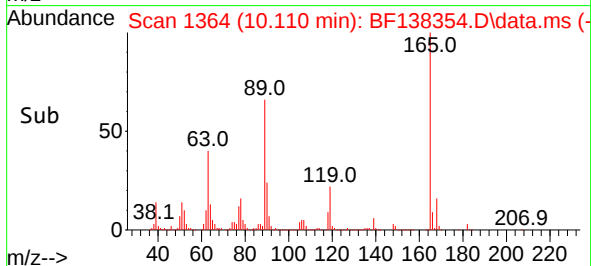
Tgt Ion:165 Resp: 590030
Ion Ratio Lower Upper
165 100
63 40.4 26.6 39.8
89 66.2 48.7 73.1
182 2.9 2.4 3.6

Manual Integrations

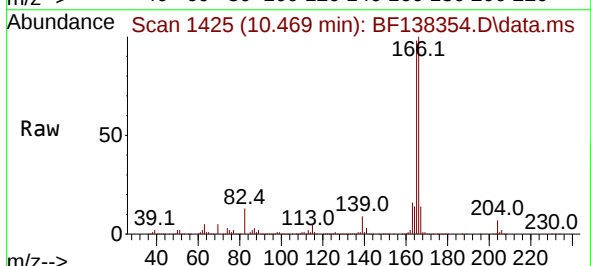
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

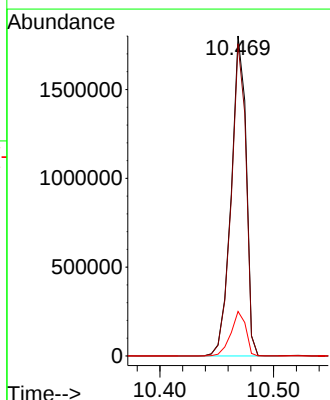
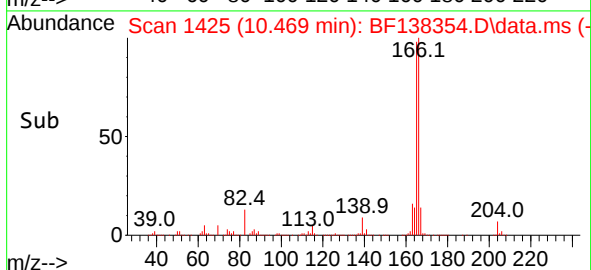
Supervised By :mohammad ahmed 06/27/2024

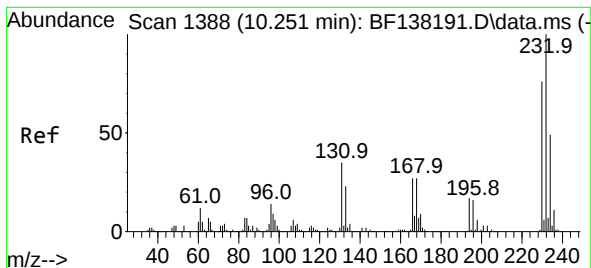


#58
Fluorene
Concen: 39.677 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



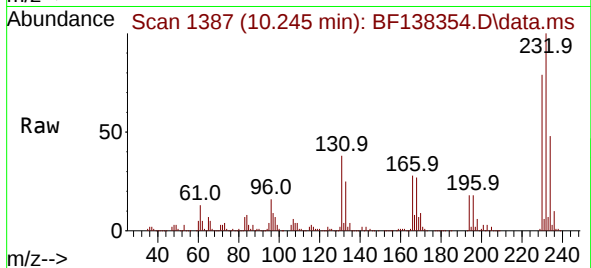
Tgt Ion:166 Resp: 1645700
Ion Ratio Lower Upper
166 100
165 97.5 77.9 116.9
167 13.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.977 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

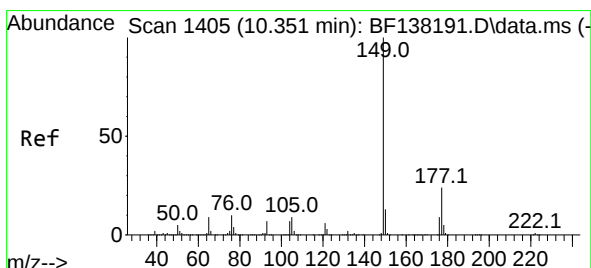
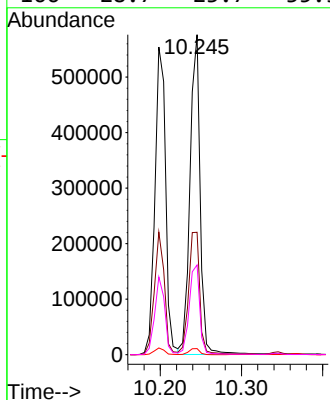
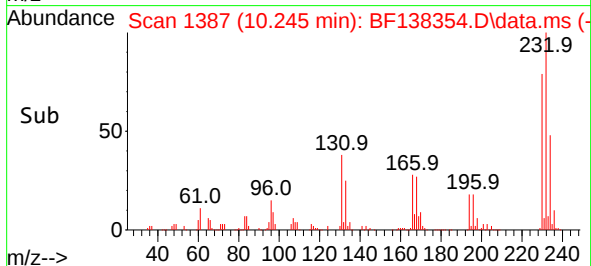
Instrument :
BNA_F
ClientSampleId :
PB161745BS



Tgt Ion:232 Resp: 502045
Ion Ratio Lower Upper
232 100
131 41.5 33.6 50.4
130 2.1 1.7 2.5
166 28.7 23.7 35.5

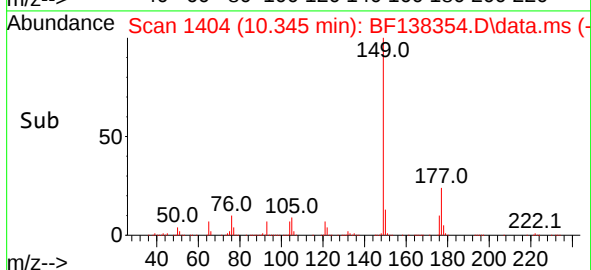
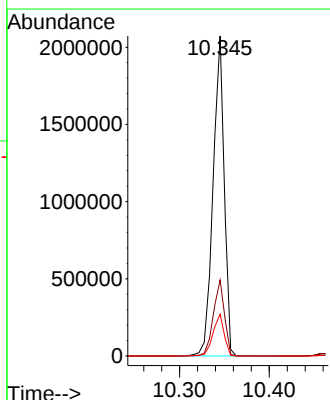
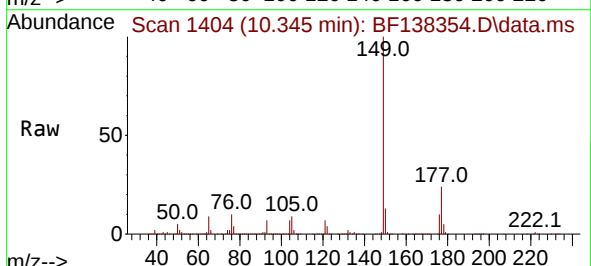
Manual Integrations
APPROVED

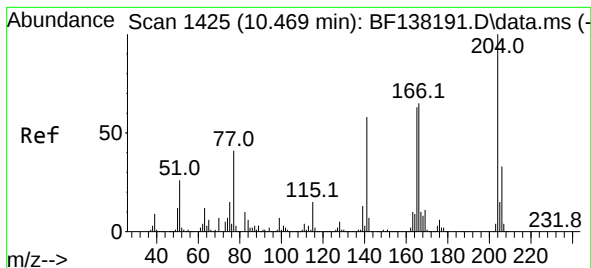
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#60
Diethylphthalate
Concen: 45.209 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

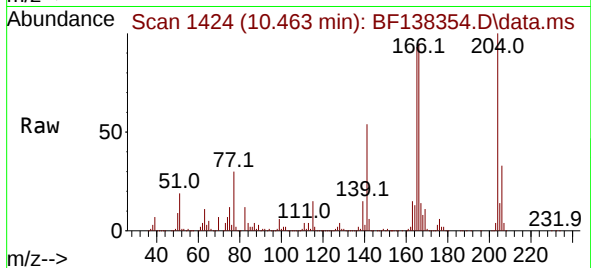
Tgt Ion:149 Resp: 1789131
Ion Ratio Lower Upper
149 100
177 23.7 19.4 29.0
150 13.0 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.842 ng
RT: 10.463 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

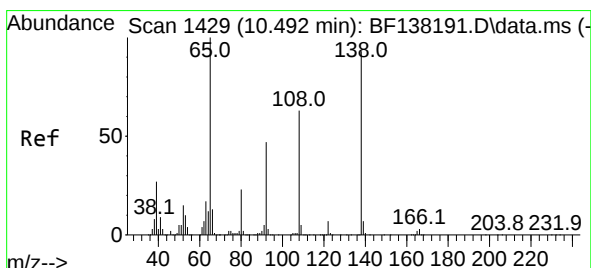
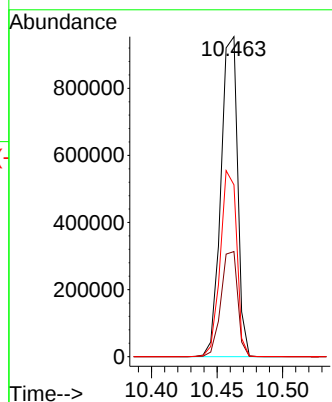
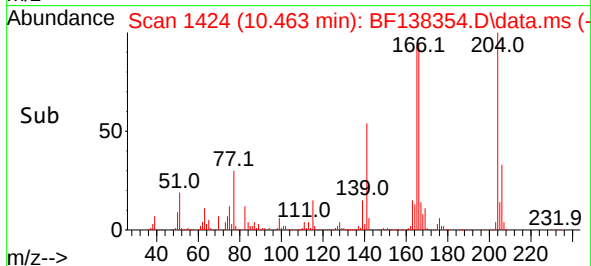
Instrument :
BNA_F
ClientSampleId :
PB161745BS



Tgt Ion:204 Resp: 84368
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 53.7 46.3 69.5

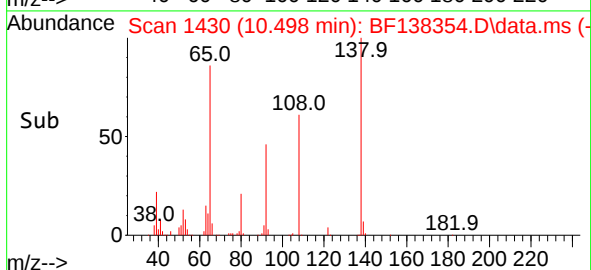
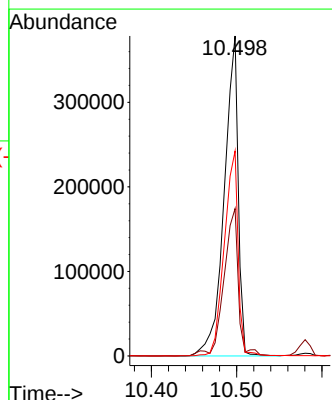
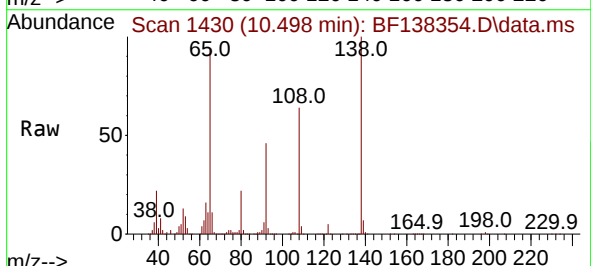
Manual Integrations
APPROVED

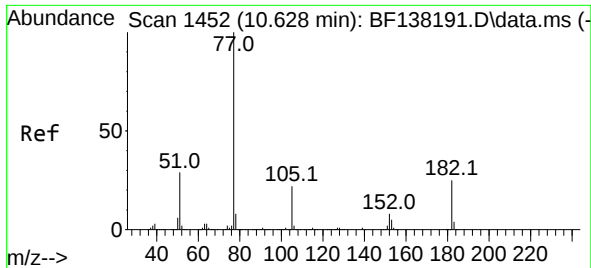
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#62
4-Nitroaniline
Concen: 44.723 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Tgt Ion:138 Resp: 431818
Ion Ratio Lower Upper
138 100
92 46.0 30.9 70.9
108 64.1 47.8 87.8





#63
Azobenzene
Concen: 41.711 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS

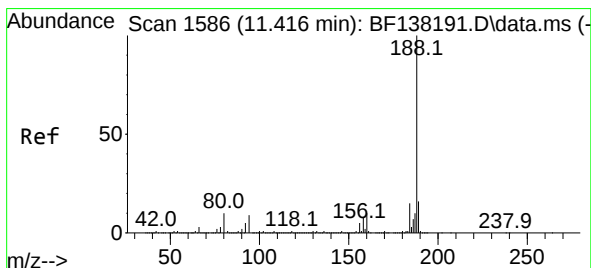
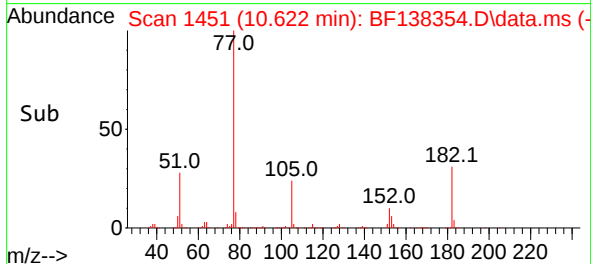
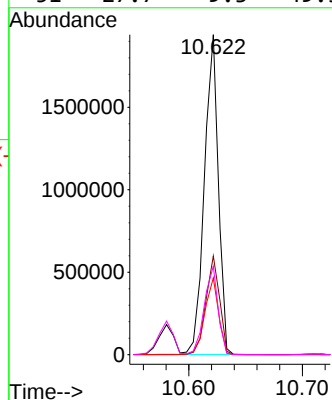
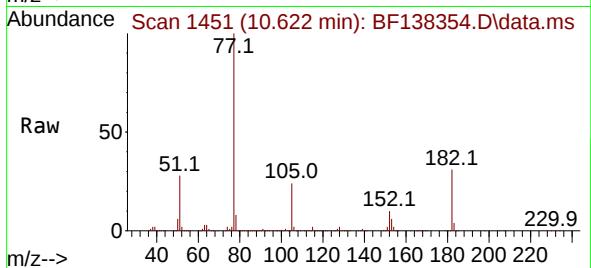
Tgt Ion: 77 Resp: 1653749
Ion Ratio Lower Upper
77 100
182 30.9 5.5 45.5
105 24.0 1.8 41.8
51 27.7 9.3 49.3

Manual Integrations

APPROVED

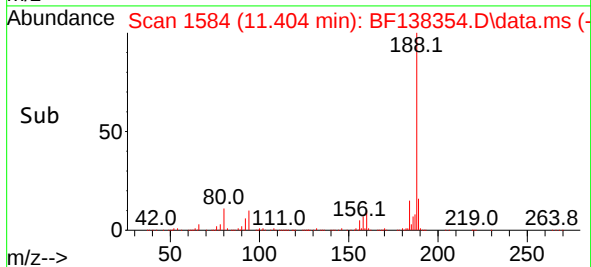
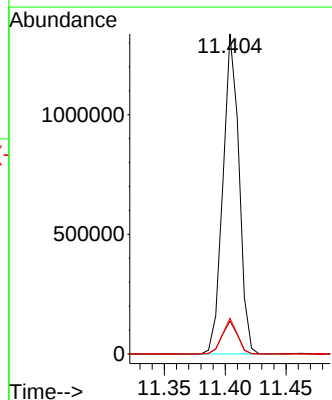
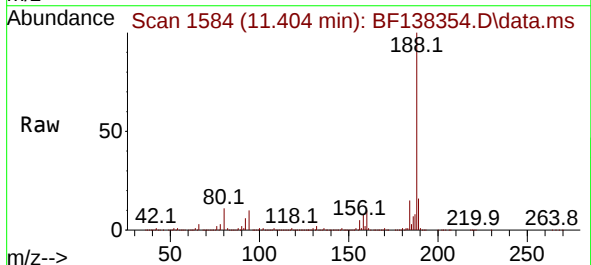
Reviewed By :Yogesh Patel 06/27/2024

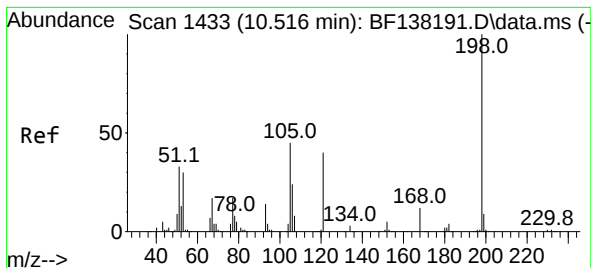
Supervised By :mohammad ahmed 06/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Tgt Ion:188 Resp: 1230596
Ion Ratio Lower Upper
188 100
94 10.3 7.6 11.4
80 11.1 8.1 12.1





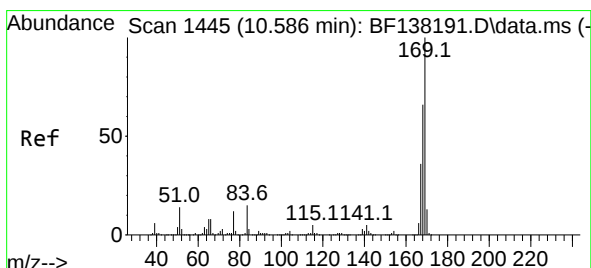
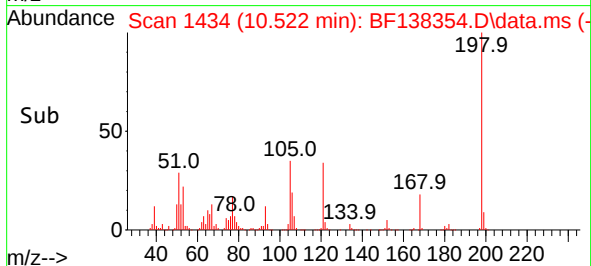
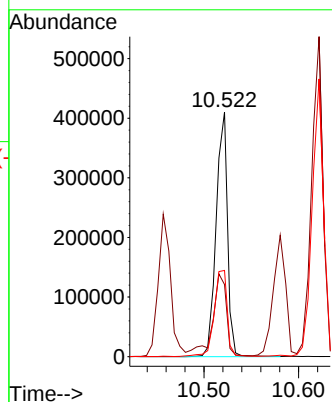
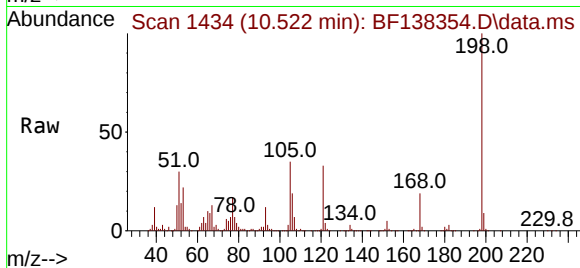
#65
4,6-Dinitro-2-methylphenol
Concen: 53.780 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :
BNA_F
ClientSampleId :
PB161745BS

Tgt Ion:198 Resp: 34335
Ion Ratio Lower Upper
198 100
51 29.5 26.9 66.9
105 35.2 26.0 66.0

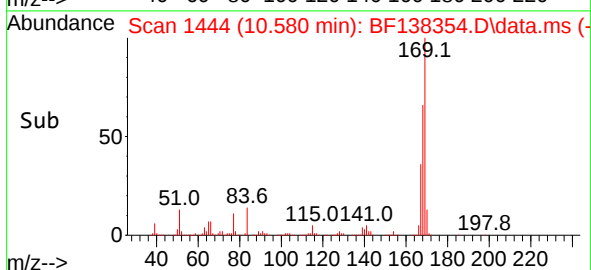
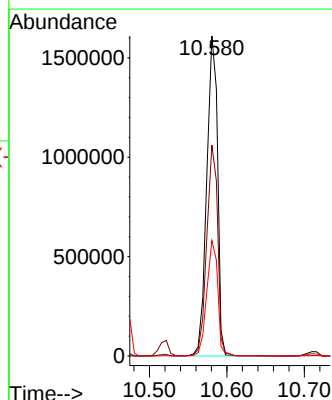
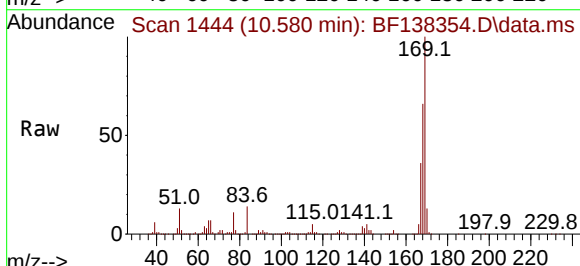
Manual Integrations
APPROVED

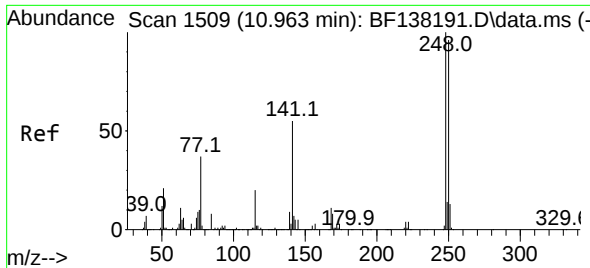
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#66
n-Nitrosodiphenylamine
Concen: 41.363 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Tgt Ion:169 Resp: 1558370
Ion Ratio Lower Upper
169 100
168 65.9 52.9 79.3
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 42.380 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

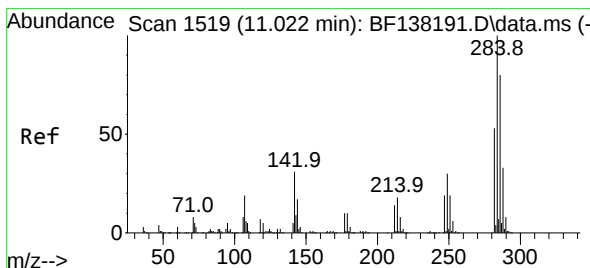
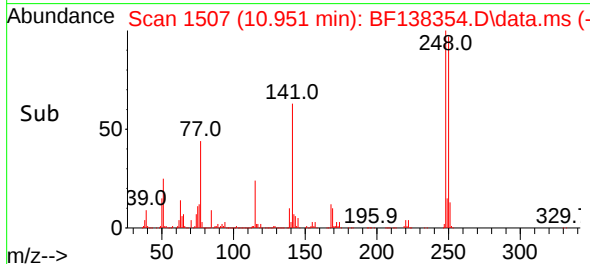
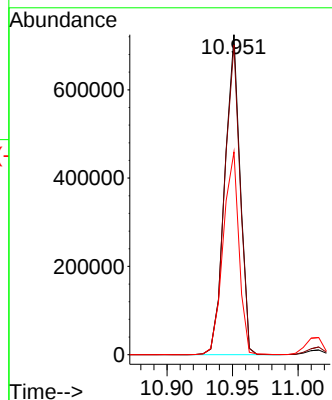
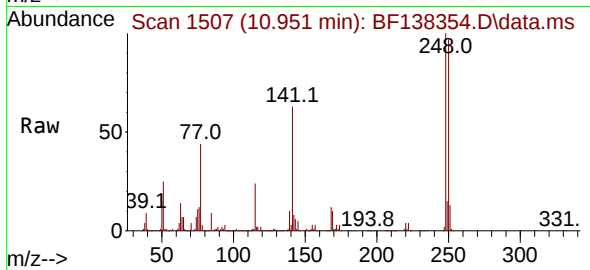
ClientSampleId :

PB161745BS

Tgt Ion:248 Resp: 587660
Ion Ratio Lower Upper
248 100
250 96.8 77.2 115.8
141 63.3 44.1 66.1

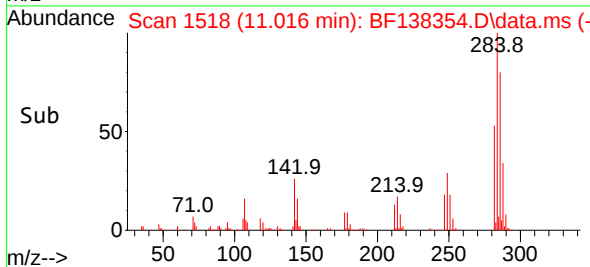
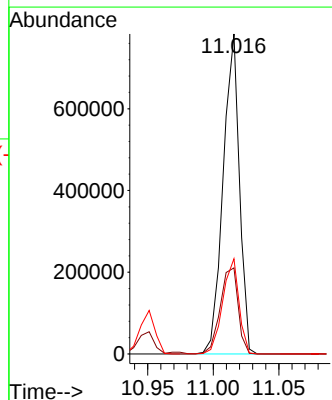
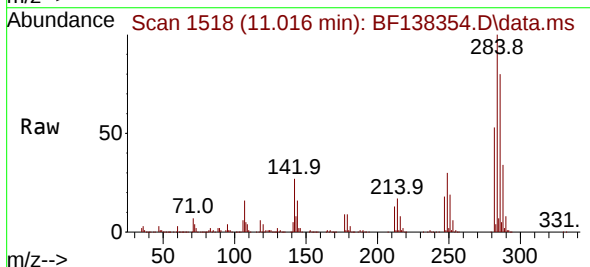
Manual Integrations
APPROVED

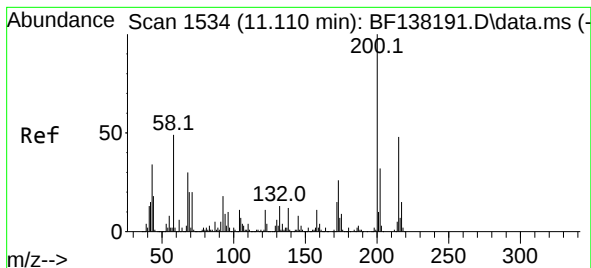
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#68
Hexachlorobenzene
Concen: 41.708 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

Tgt Ion:284 Resp: 674935
Ion Ratio Lower Upper
284 100
142 26.9 24.8 37.2
249 29.8 23.8 35.6





#69

Atrazine

Concen: 45.777 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS

Tgt Ion:200 Resp: 491228

Ion Ratio Lower Upper

200 100

173 26.9 6.3 46.3

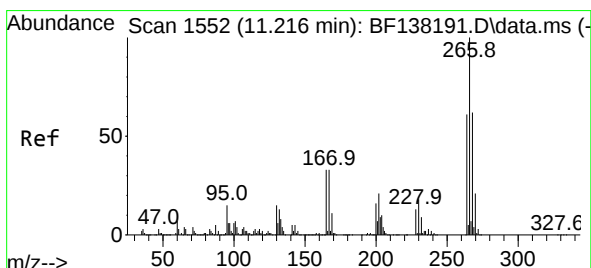
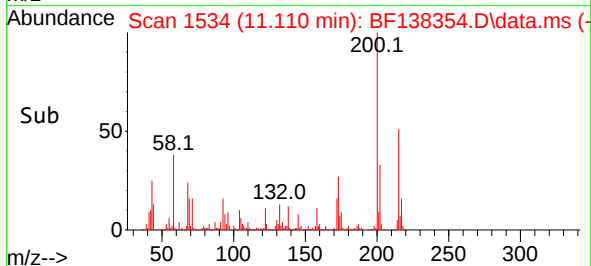
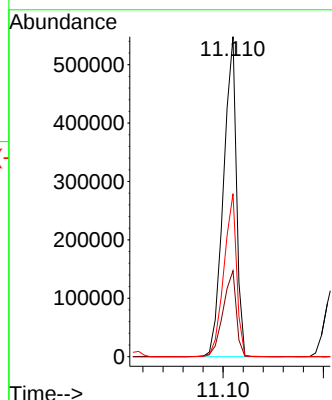
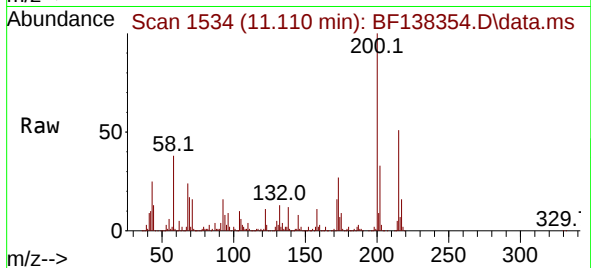
215 50.9 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#70

Pentachlorophenol

Concen: 80.425 ng

RT: 11.210 min Scan# 1551

Delta R.T. -0.006 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

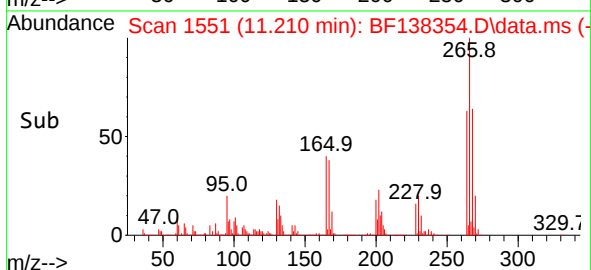
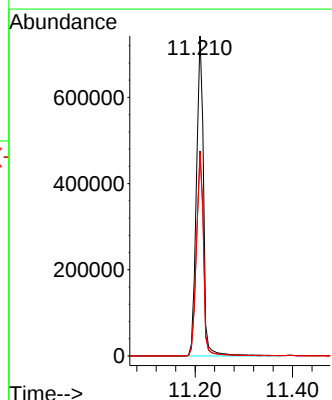
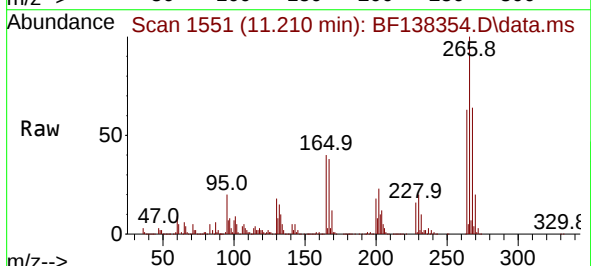
Tgt Ion:266 Resp: 759027

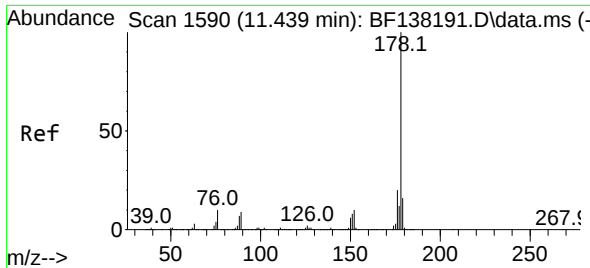
Ion Ratio Lower Upper

266 100

268 64.1 49.5 74.3

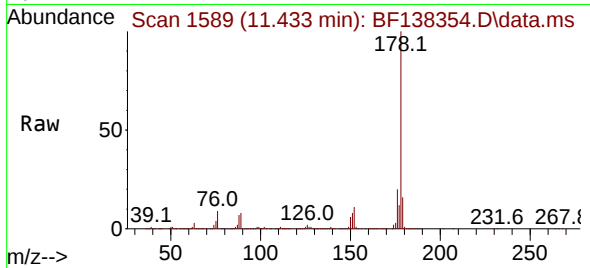
264 63.4 49.2 73.8





#71
Phenanthrene
Concen: 40.459 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

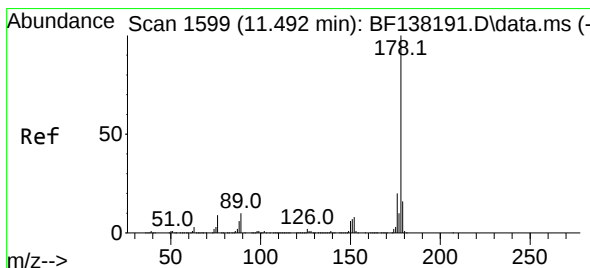
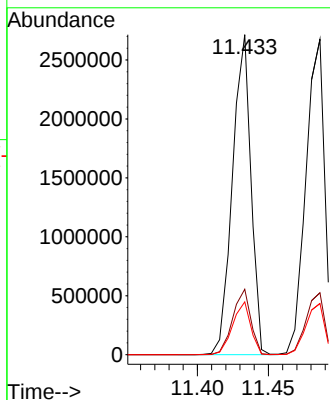
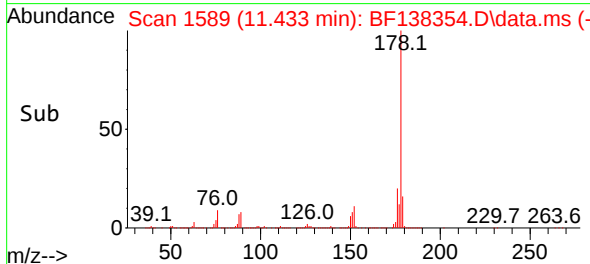
Instrument :
BNA_F
ClientSampleId :
PB161745BS



Tgt Ion:178 Resp: 2462240
Ion Ratio Lower Upper
178 100
176 20.4 16.4 24.6
179 16.5 13.1 19.7

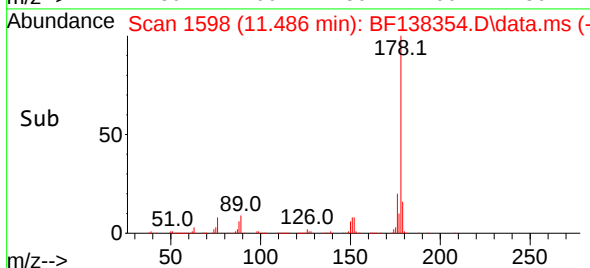
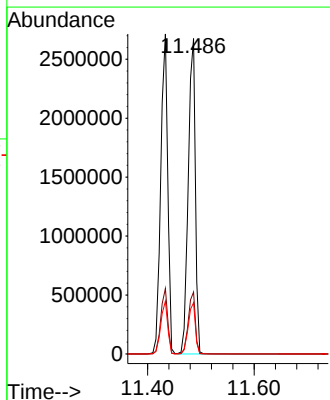
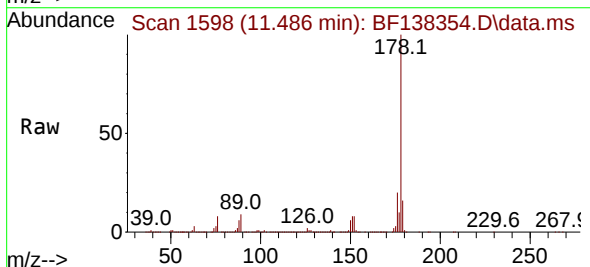
Manual Integrations
APPROVED

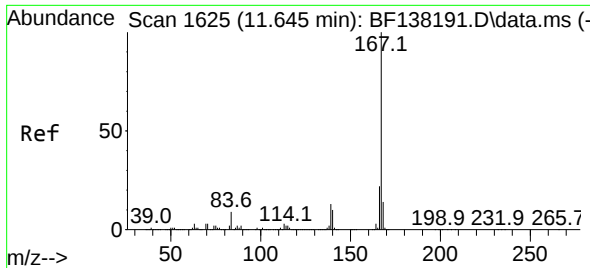
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#72
Anthracene
Concen: 40.933 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

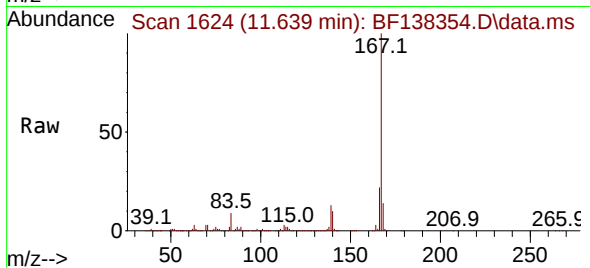
Tgt Ion:178 Resp: 2473296
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 16.2 13.0 19.6





#73
Carbazole
Concen: 38.579 ng
RT: 11.639 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

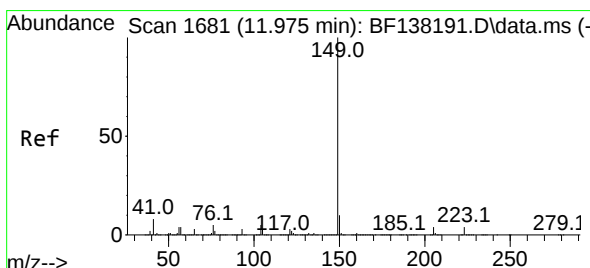
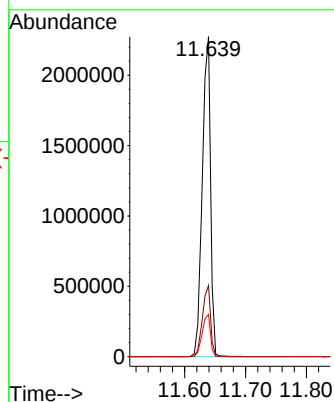
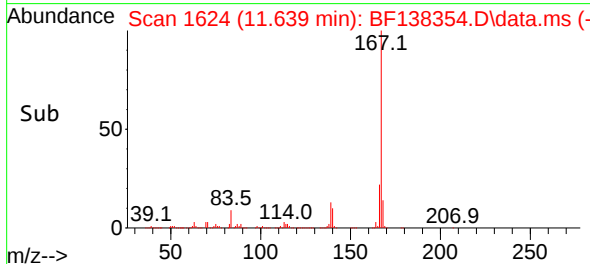
Instrument :
BNA_F
ClientSampleId :
PB161745BS



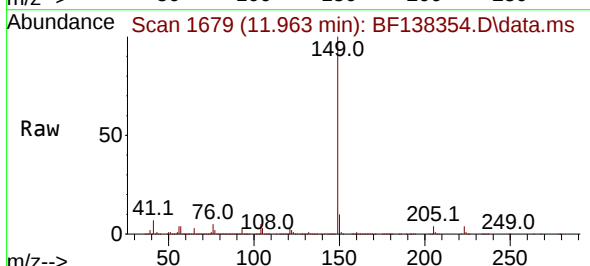
Tgt Ion:167 Resp: 213799
Ion Ratio Lower Upper
167 100
166 22.2 18.0 27.0
139 13.2 10.6 16.0

Manual Integrations
APPROVED

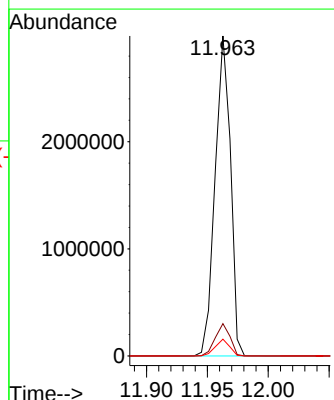
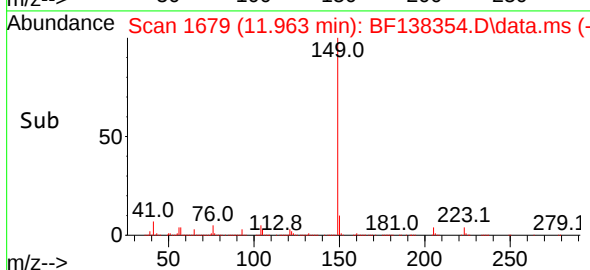
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

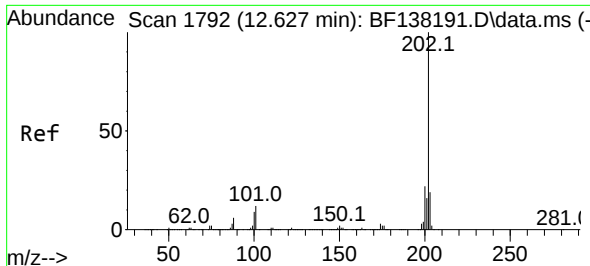


#74
Di-n-butylphthalate
Concen: 45.811 ng
RT: 11.963 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



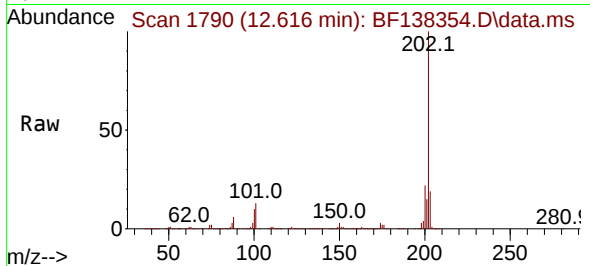
Tgt Ion:149 Resp: 2628273
Ion Ratio Lower Upper
149 100
150 10.1 8.2 12.2
104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 38.628 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

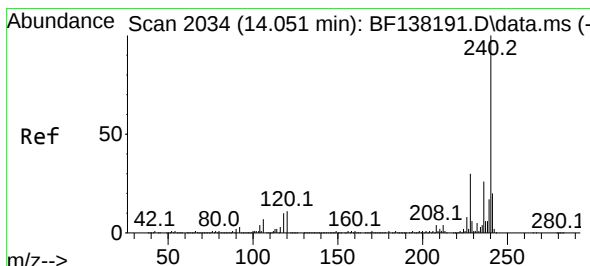
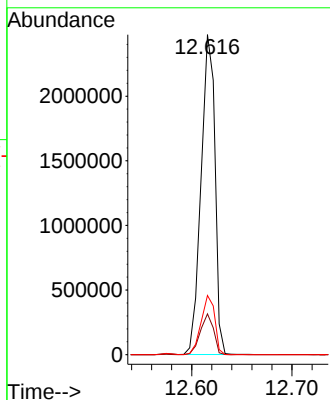
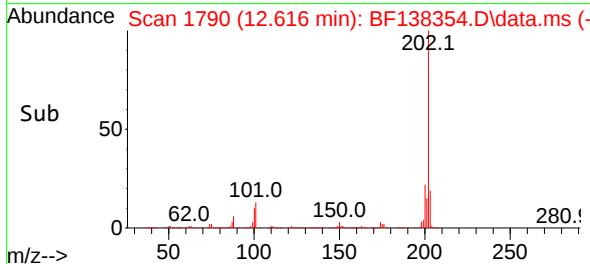
Instrument :
BNA_F
ClientSampleId :
PB161745BS



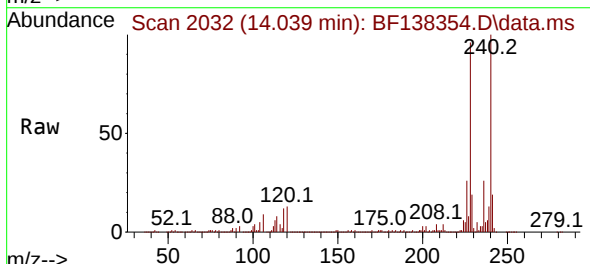
Tgt Ion:202 Resp: 239714
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.8
203 18.5 0.0 38.6

Manual Integrations
APPROVED

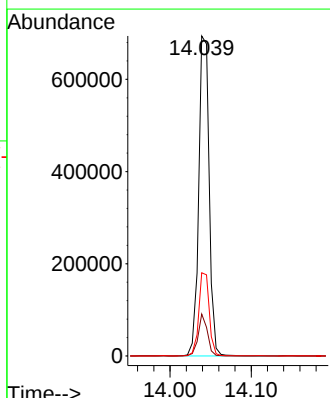
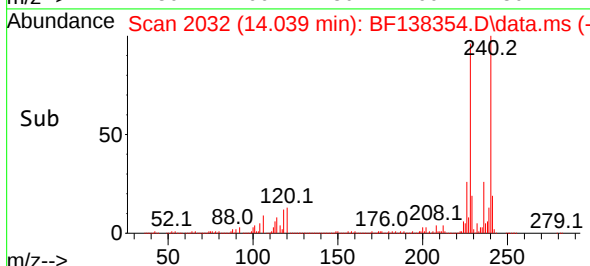
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

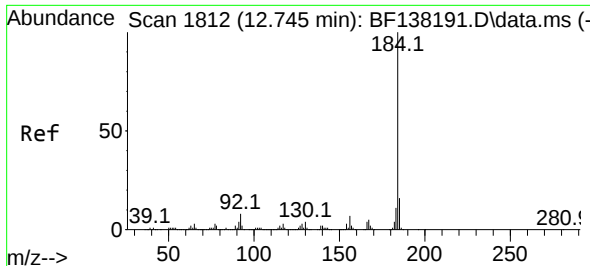


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



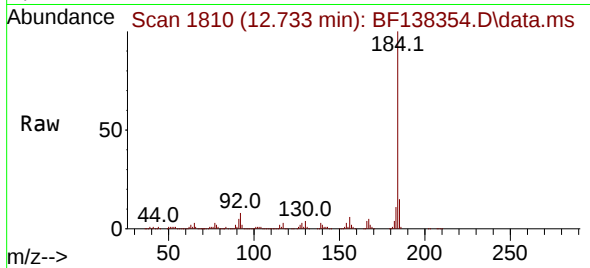
Tgt Ion:240 Resp: 623420
Ion Ratio Lower Upper
240 100
120 13.1 9.2 13.8
236 26.0 21.0 31.6





#77
Benzidine
Concen: 29.414 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20

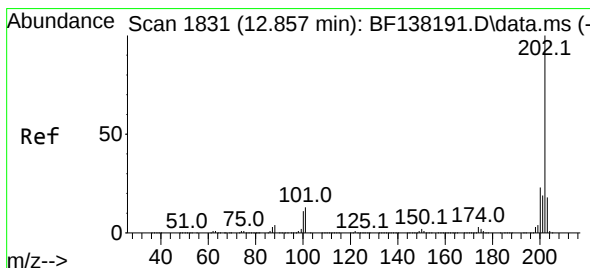
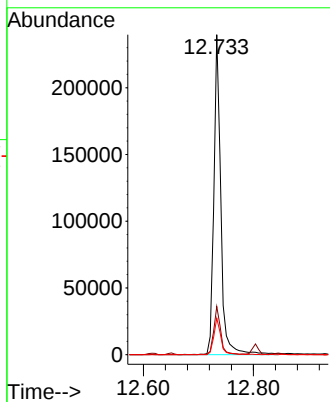
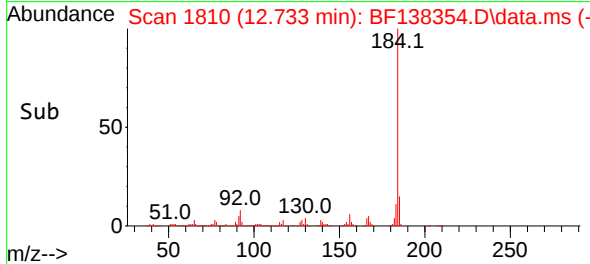
Instrument :
BNA_F
ClientSampleId :
PB161745BS



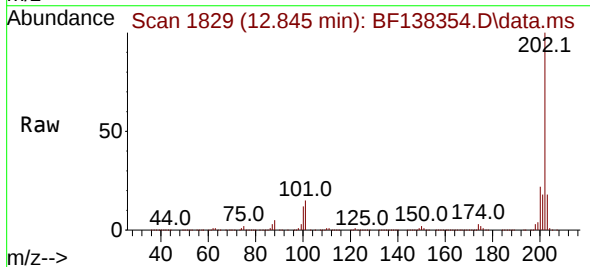
Tgt Ion:184 Resp: 21210
Ion Ratio Lower Upper
184 100
185 15.0 12.6 19.0
183 11.4 9.0 13.6

Manual Integrations
APPROVED

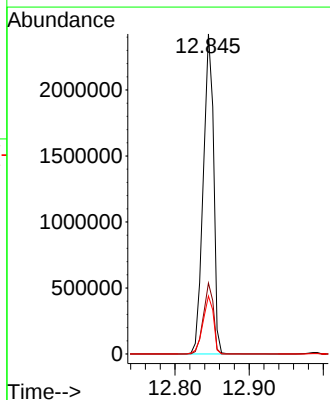
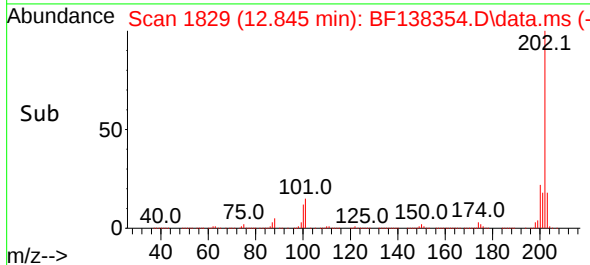
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

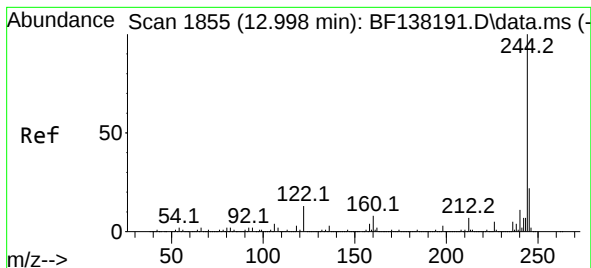


#78
Pyrene
Concen: 43.621 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF138354.D
Acq: 26 Jun 2024 16:20



Tgt Ion:202 Resp: 2345670
Ion Ratio Lower Upper
202 100
200 22.1 18.0 27.0
203 18.1 14.7 22.1





#79

Terphenyl-d14

Concen: 82.506 ng

RT: 12.992 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF138354.D

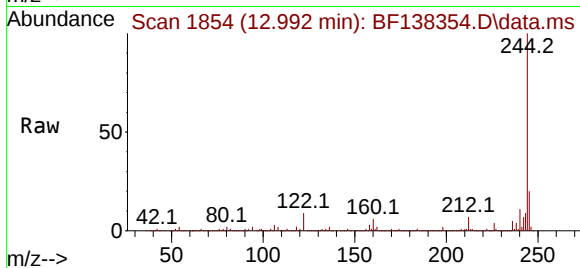
Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS



Tgt Ion:244 Resp: 324758

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

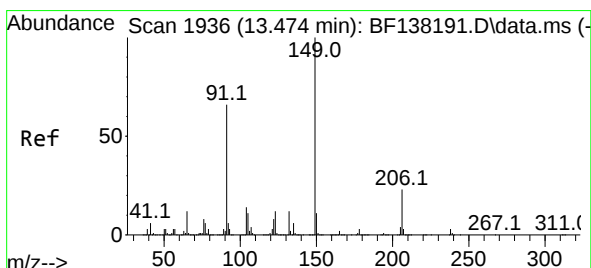
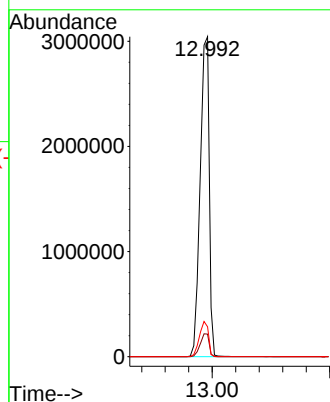
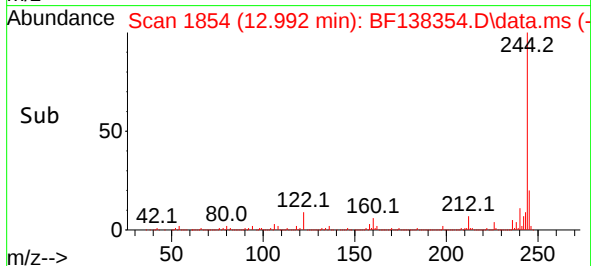
122 9.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#80

Butylbenzylphthalate

Concen: 58.694 ng

RT: 13.463 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

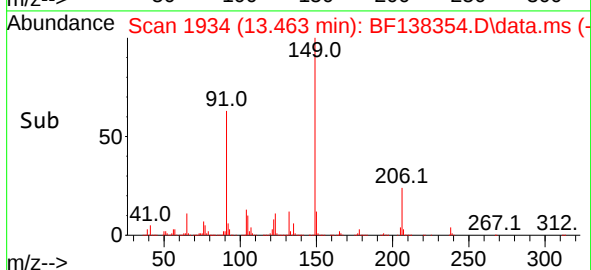
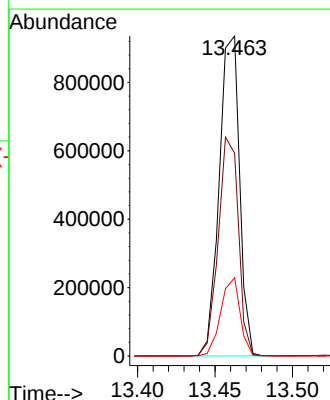
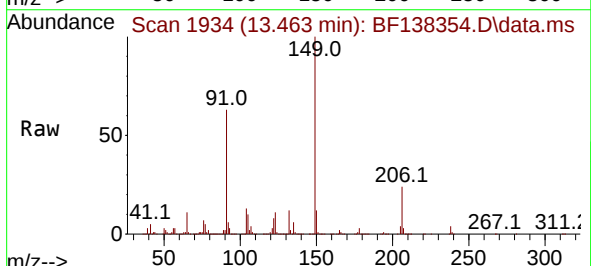
Tgt Ion:149 Resp: 858504

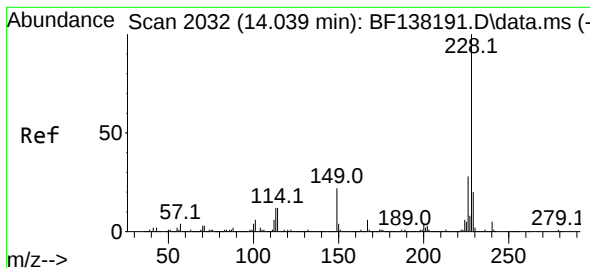
Ion Ratio Lower Upper

149 100

91 63.4 53.2 79.8

206 24.5 18.6 27.8





#81

Benzo(a)anthracene

Concen: 43.580 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS

Tgt Ion:228 Resp: 174298

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

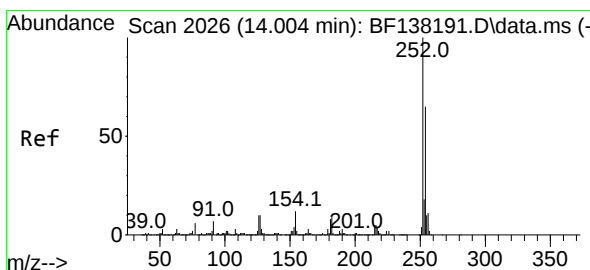
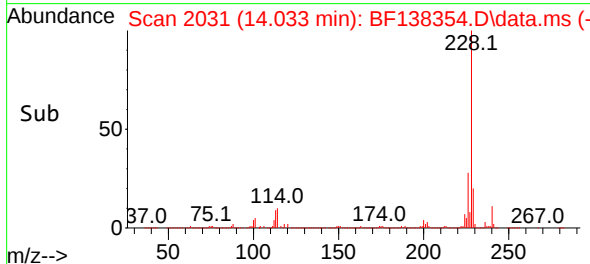
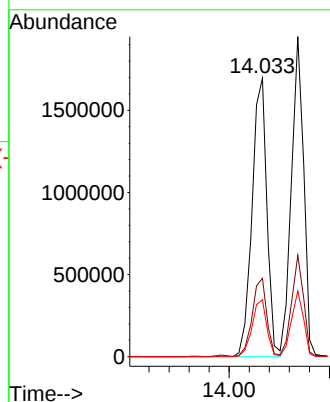
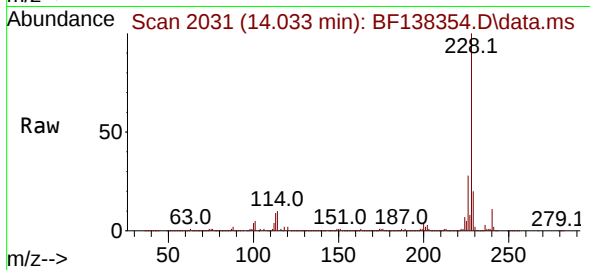
229 20.4 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 45.243 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.012 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

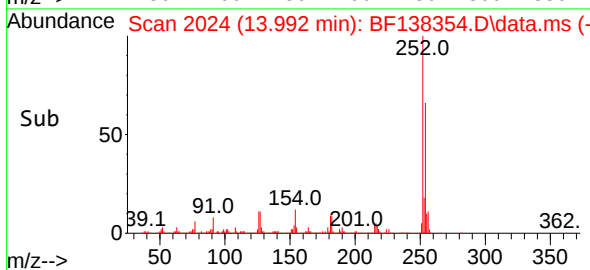
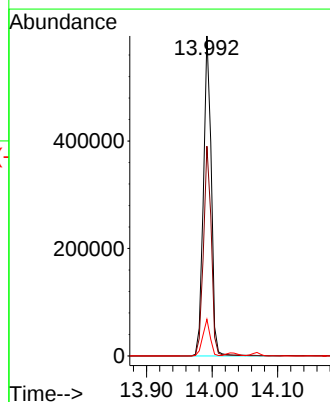
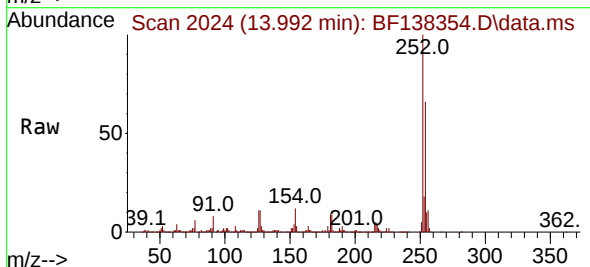
Tgt Ion:252 Resp: 498306

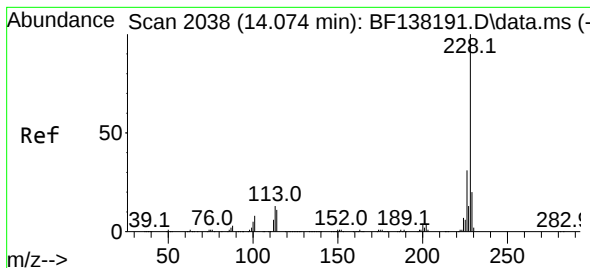
Ion Ratio Lower Upper

252 100

254 65.6 51.8 77.6

126 11.4 8.3 12.5





#83

Chrysene

Concen: 43.691 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS

Tgt Ion:228 Resp: 1665620

Ion Ratio Lower Upper

228 100

226 31.6 24.5 36.7

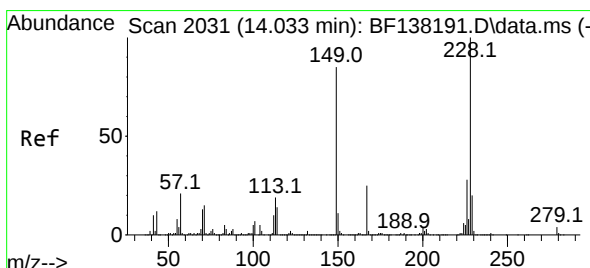
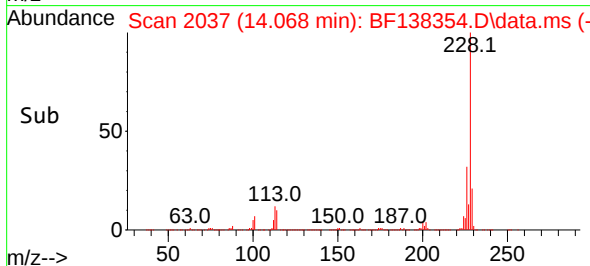
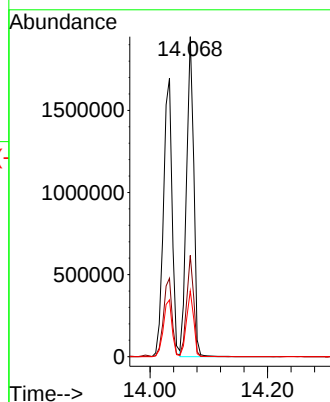
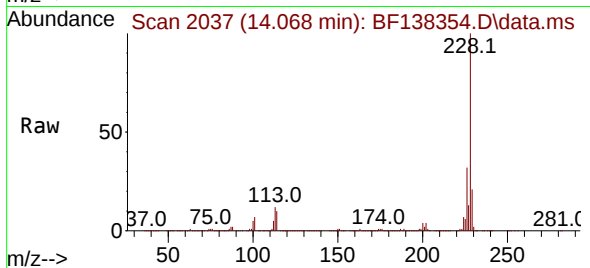
229 20.5 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.194 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.017 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

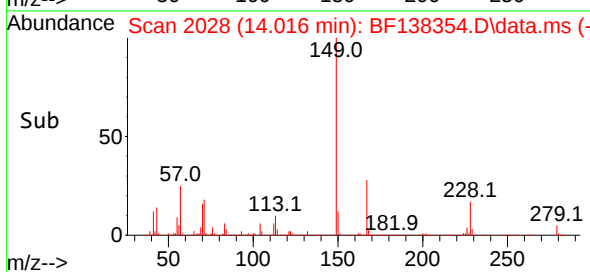
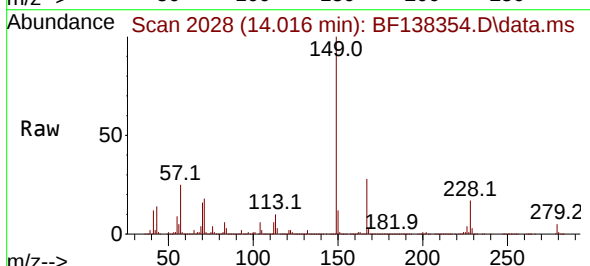
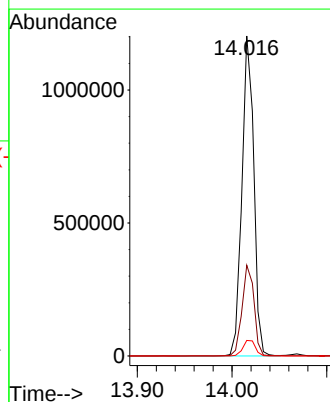
Tgt Ion:149 Resp: 1041031

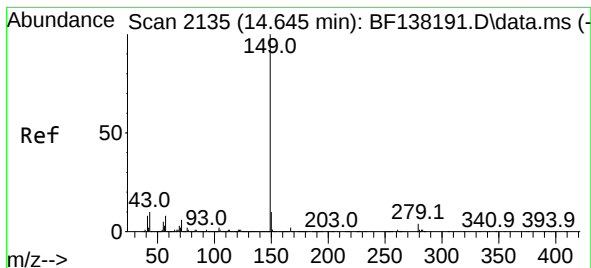
Ion Ratio Lower Upper

149 100

167 28.3 23.5 35.3

279 4.8 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 68.472 ng

RT: 14.633 min Scan# 2133

Delta R.T. -0.012 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS

Tgt Ion:149 Resp: 173049

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

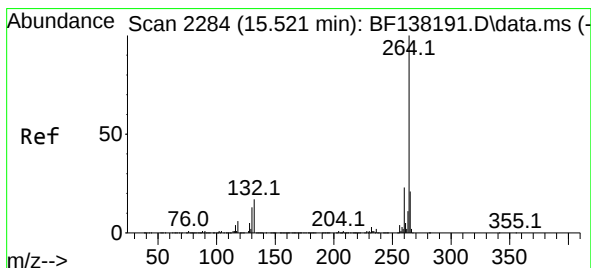
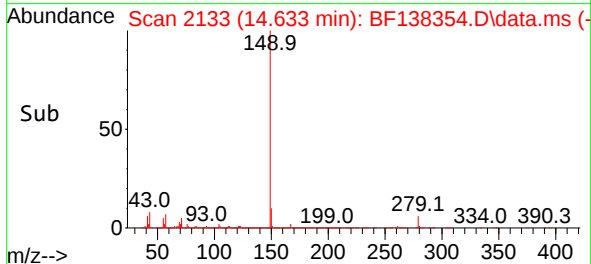
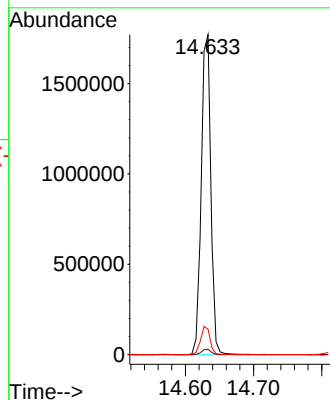
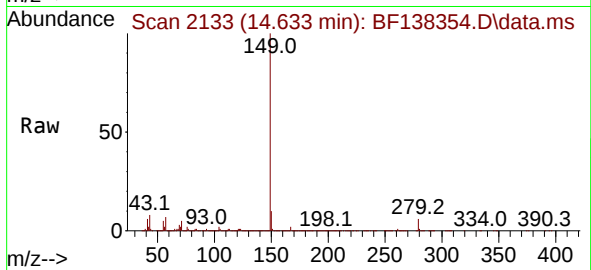
43 8.7 7.8 11.6

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: 15.510 min Scan# 2282

Delta R.T. -0.012 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

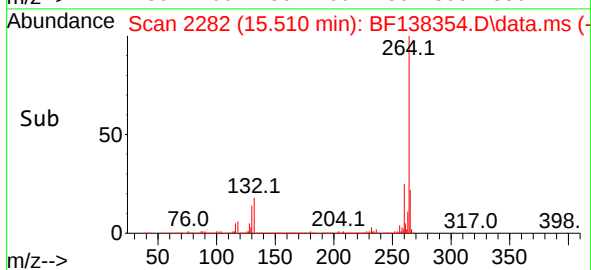
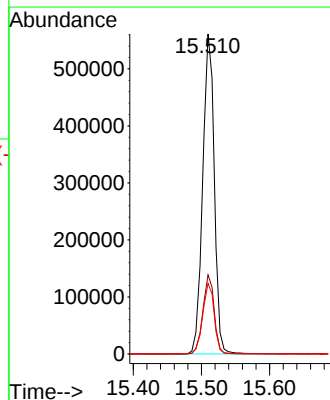
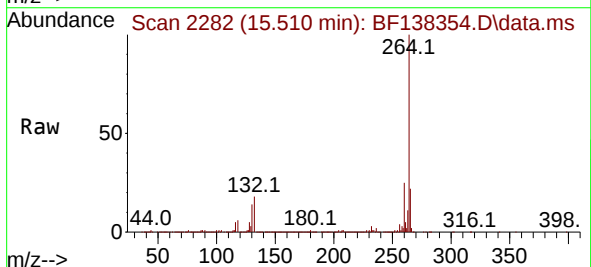
Tgt Ion:264 Resp: 662744

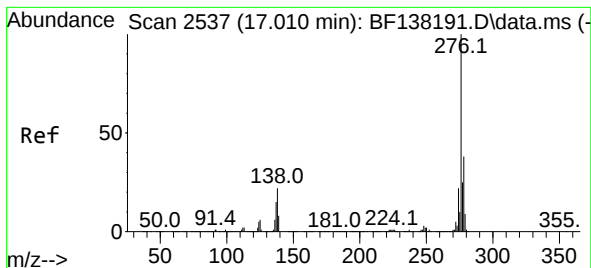
Ion Ratio Lower Upper

264 100

260 24.7 18.7 28.1

265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.179 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS

Tgt Ion:276 Resp: 216793

Ion Ratio Lower Upper

276 100

138 24.3 19.3 28.9

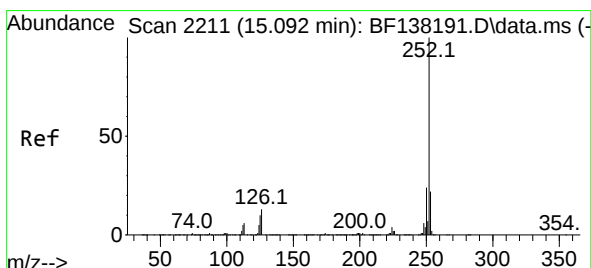
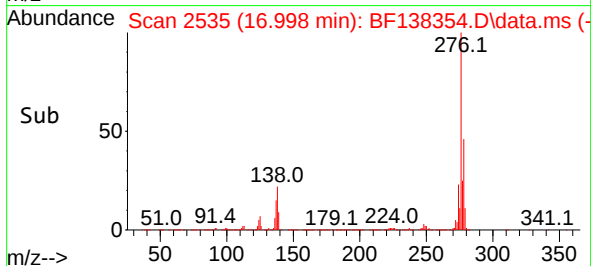
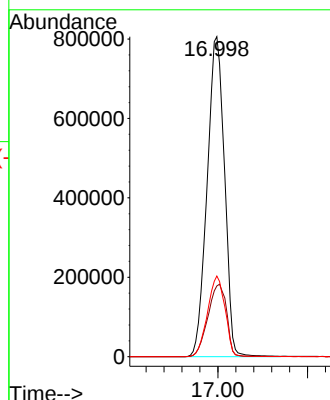
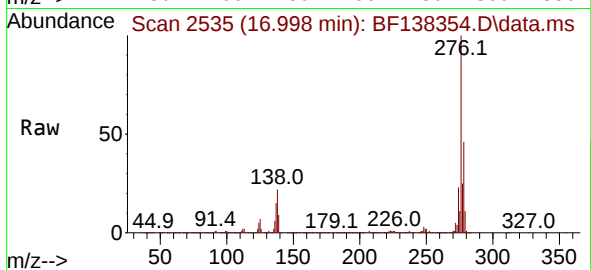
277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#88

Benzo(b)fluoranthene

Concen: 46.274 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.012 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

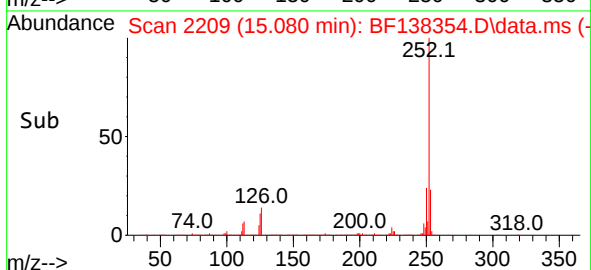
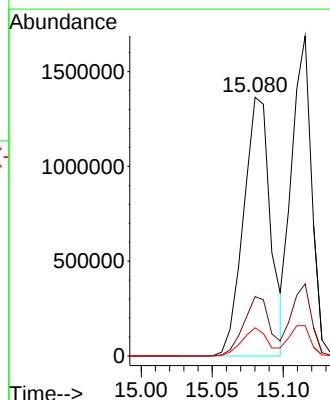
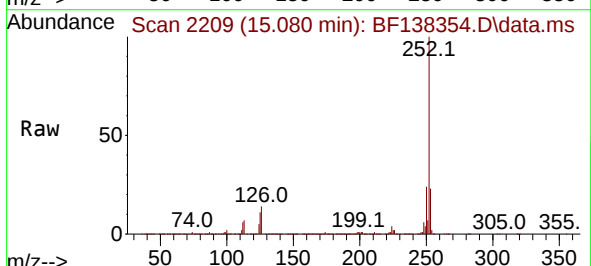
Tgt Ion:252 Resp: 1808518

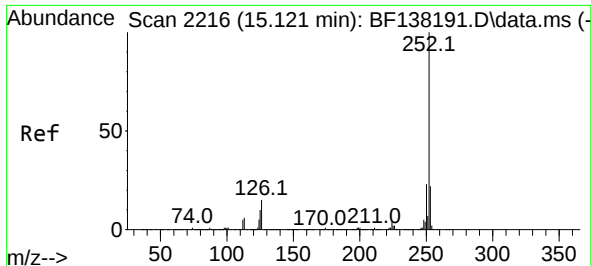
Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 10.9 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 43.327 ng

RT: 15.115 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS

Tgt Ion:252 Resp: 165954

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

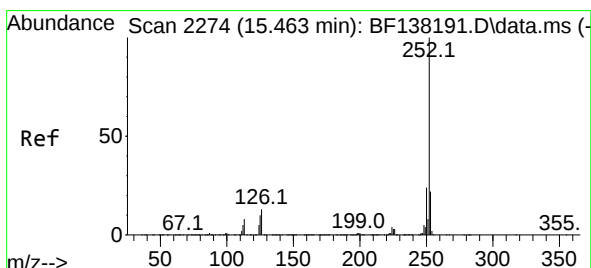
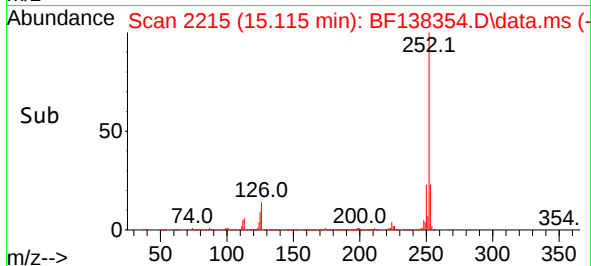
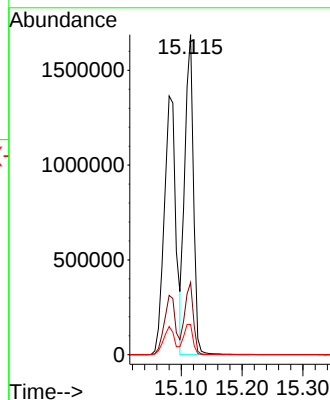
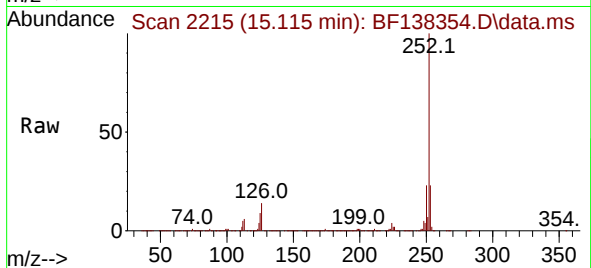
125 9.4 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#90

Benzo(a)pyrene

Concen: 48.074 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

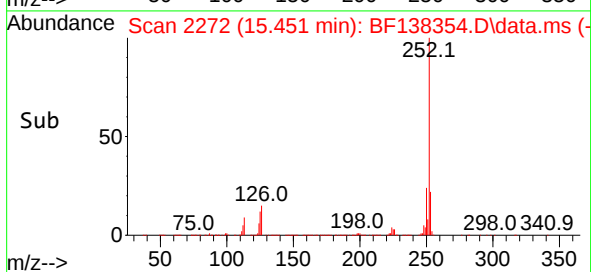
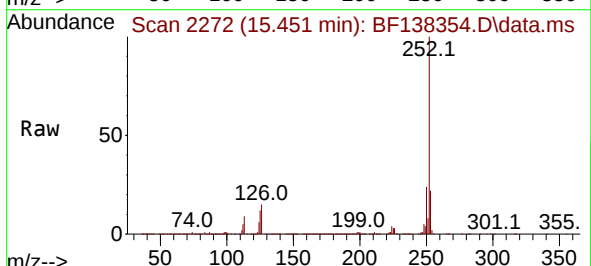
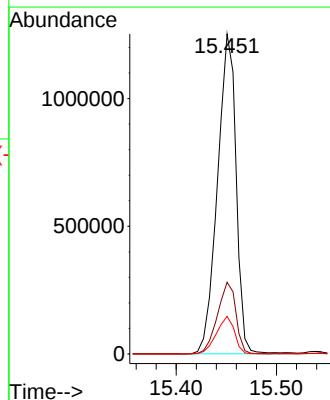
Tgt Ion:252 Resp: 1614140

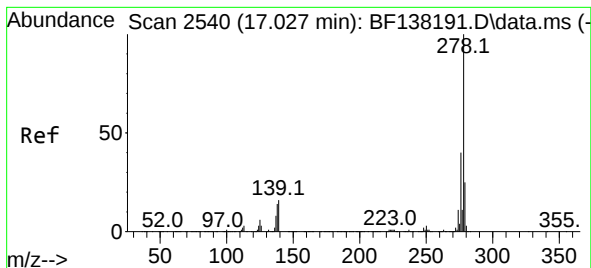
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.7 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 49.455 ng

RT: 17.015 min Scan# 2538

Delta R.T. -0.012 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Instrument :

BNA_F

ClientSampleId :

PB161745BS

Tgt Ion:278 Resp: 175379

Ion Ratio Lower Upper

278 100

139 15.8 12.9 19.3

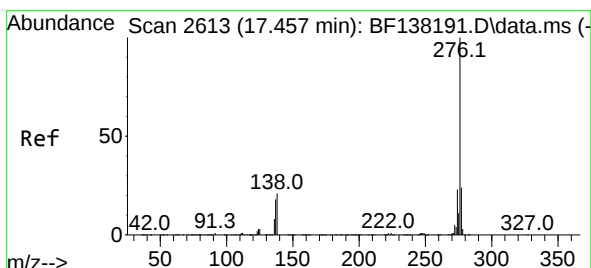
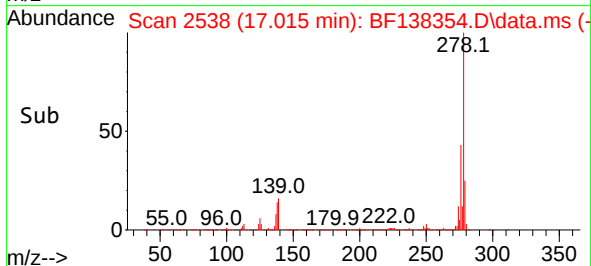
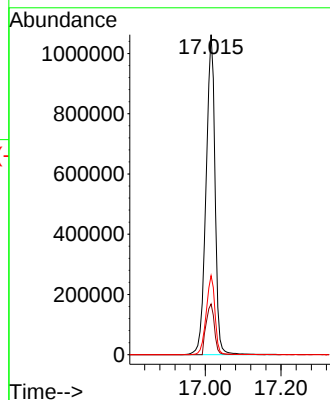
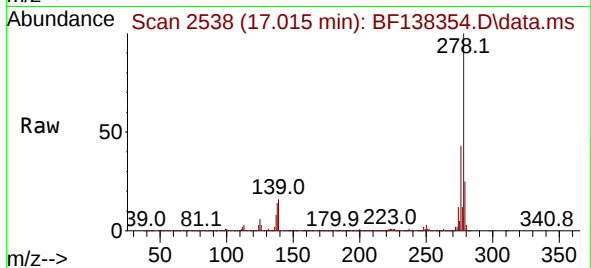
279 24.7 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#92

Benzo(g,h,i)perylene

Concen: 46.130 ng

RT: 17.451 min Scan# 2612

Delta R.T. -0.006 min

Lab File: BF138354.D

Acq: 26 Jun 2024 16:20

Tgt Ion:276 Resp: 1692344

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 20.6 16.6 24.8

