

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138229.D
 Acq On : 18 Jun 2024 17:29
 Operator : CG\JU
 Sample : P2915-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NORTH-1MSD

Quant Time: Jun 18 17:52:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	376842	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1482222	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	759741	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1053914	20.000	ng	0.00
76) Chrysene-d12	14.051	240	662766	20.000	ng	0.00
86) Perylene-d12	15.521	264	577776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2640757	117.225	ng	0.03
7) Phenol-d6	6.528	99	3231515	113.127	ng	0.00
23) Nitrobenzene-d5	7.457	82	2245817	88.208	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	837621	110.747	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4033902	84.430	ng	0.00
79) Terphenyl-d14	12.998	244	3243984	77.522	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.934	88	415002	40.256	ng	# 83
3) Pyridine	3.610	79	805141	32.861	ng	100
4) n-Nitrosodimethylamine	3.563	42	543372	47.918	ng	94
6) Aniline	6.557	93	490179	17.537	ng	98
8) 2-Chlorophenol	6.681	128	1228032	50.422	ng	97
9) Benzaldehyde	6.445	77	269320	17.751	ng	99
10) Phenol	6.545	94	1325787m	45.734	ng	
11) bis(2-Chloroethyl)ether	6.634	93	1164752	50.202	ng	98
12) 1,3-Dichlorobenzene	6.834	146	1234782	44.612	ng	99
13) 1,4-Dichlorobenzene	6.910	146	1249357	44.853	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1206318	46.133	ng	100
15) Benzyl Alcohol	7.039	79	1027464	53.345	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1568523	47.902	ng	96
17) 2-Methylphenol	7.145	107	970420	50.502	ng	98
18) Hexachloroethane	7.404	117	439326	46.556	ng	94
19) n-Nitroso-di-n-propyla...	7.310	70	852752	50.362	ng	98
20) 3+4-Methylphenols	7.298	107	1112147	45.983	ng	95
22) Acetophenone	7.304	105	1455886	42.997	ng	# 95
24) Nitrobenzene	7.481	77	1236976	47.007	ng	92
25) Isophorone	7.716	82	2303174	50.011	ng	100
26) 2-Nitrophenol	7.792	139	654285	61.833	ng	99
27) 2,4-Dimethylphenol	7.828	122	868403m	53.944	ng	
28) bis(2-Chloroethoxy)met...	7.928	93	1466000	50.853	ng	100
29) 2,4-Dichlorophenol	8.034	162	1005888	48.533	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	1119321	45.794	ng	98
31) Naphthalene	8.198	128	3318076	45.272	ng	99
32) Benzoic acid	7.951	122	689609	48.604	ng	98
33) 4-Chloroaniline	8.239	127	161635	5.900	ng	98
34) Hexachlorobutadiene	8.310	225	641739	44.892	ng	99
35) Caprolactam	8.622	113	270226m	43.187	ng	
36) 4-Chloro-3-methylphenol	8.728	107	1010139	48.950	ng	97
37) 2-Methylnaphthalene	8.886	142	2246738	46.708	ng	99
38) 1-Methylnaphthalene	8.986	142	2079541	44.117	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	1015444	45.739	ng	99
41) Hexachlorocyclopentadiene	9.039	237	665902	91.987	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	730706	52.564	ng	98

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Manual Integrations
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 Supervised By :mohammad ahmed 06/21/2024

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	737929	48.338	ng	97
46) 1,1'-Biphenyl	9.351	154	2567943	46.063	ng	100
47) 2-Chloronaphthalene	9.375	162	2076550	47.131	ng	100
48) 2-Nitroaniline	9.475	65	578014	54.476	ng	90
49) Acenaphthylene	9.792	152	3101651	50.204	ng	99
50) Dimethylphthalate	9.657	163	2514383	54.015	ng	100
51) 2,6-Dinitrotoluene	9.716	165	553318	54.792	ng	89
52) Acenaphthene	9.963	154	2046288	48.573	ng	99
53) 3-Nitroaniline	9.880	138	276876	25.665	ng	93
54) 2,4-Dinitrophenol	9.986	184	351193	71.460	ng	92
55) Dibenzofuran	10.139	168	2695690	45.773	ng	98
56) 4-Nitrophenol	10.039	139	622759	73.048	ng	94
57) 2,4-Dinitrotoluene	10.116	165	675996	54.273	ng	# 91
58) Fluorene	10.480	166	1984479	42.857	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	550685	46.157	ng	99
60) Diethylphthalate	10.351	149	2364428	53.518	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	1070903	46.437	ng	99
62) 4-Nitroaniline	10.498	138	427042	39.618	ng	97
63) Azobenzene	10.627	77	2076827	46.922	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	262732	48.789	ng	85
66) n-Nitrosodiphenylamine	10.592	169	1839252	57.003	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	677979	57.089	ng	# 91
68) Hexachlorobenzene	11.022	284	715943	51.659	ng	99
69) Atrazine	11.116	200	530097	57.680	ng	98
70) Pentachlorophenol	11.216	266	710831	87.945	ng	98
71) Phenanthrene	11.439	178	2525882	48.463	ng	100
72) Anthracene	11.492	178	2564868	49.565	ng	100
73) Carbazole	11.645	167	2083952	43.908	ng	99
74) Di-n-butylphthalate	11.974	149	3008350	61.226	ng	100
75) Fluoranthene	12.621	202	2350321	44.223	ng	98
77) Benzidine	12.745	184	249113	32.496	ng	97
78) Pyrene	12.851	202	2376740	41.575	ng	99
80) Butylbenzylphthalate	13.468	149	1048425	67.423	ng	92
81) Benzo(a)anthracene	14.039	228	2127741	50.041	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	448156	38.274	ng	# 98
83) Chrysene	14.074	228	2098978	51.790	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1489782	82.374	ng	98
85) Di-n-octyl phthalate	14.645	149	2575180	95.845	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1694921	44.999	ng	99
88) Benzo(b)fluoranthene	15.092	252	1905919	55.938	ng	99
89) Benzo(k)fluoranthene	15.121	252	1818213	54.451	ng	100
90) Benzo(a)pyrene	15.457	252	1577704	53.899	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	1390228	44.968	ng	99
92) Benzo(g,h,i)perylene	17.445	276	1259626	39.384	ng	98

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

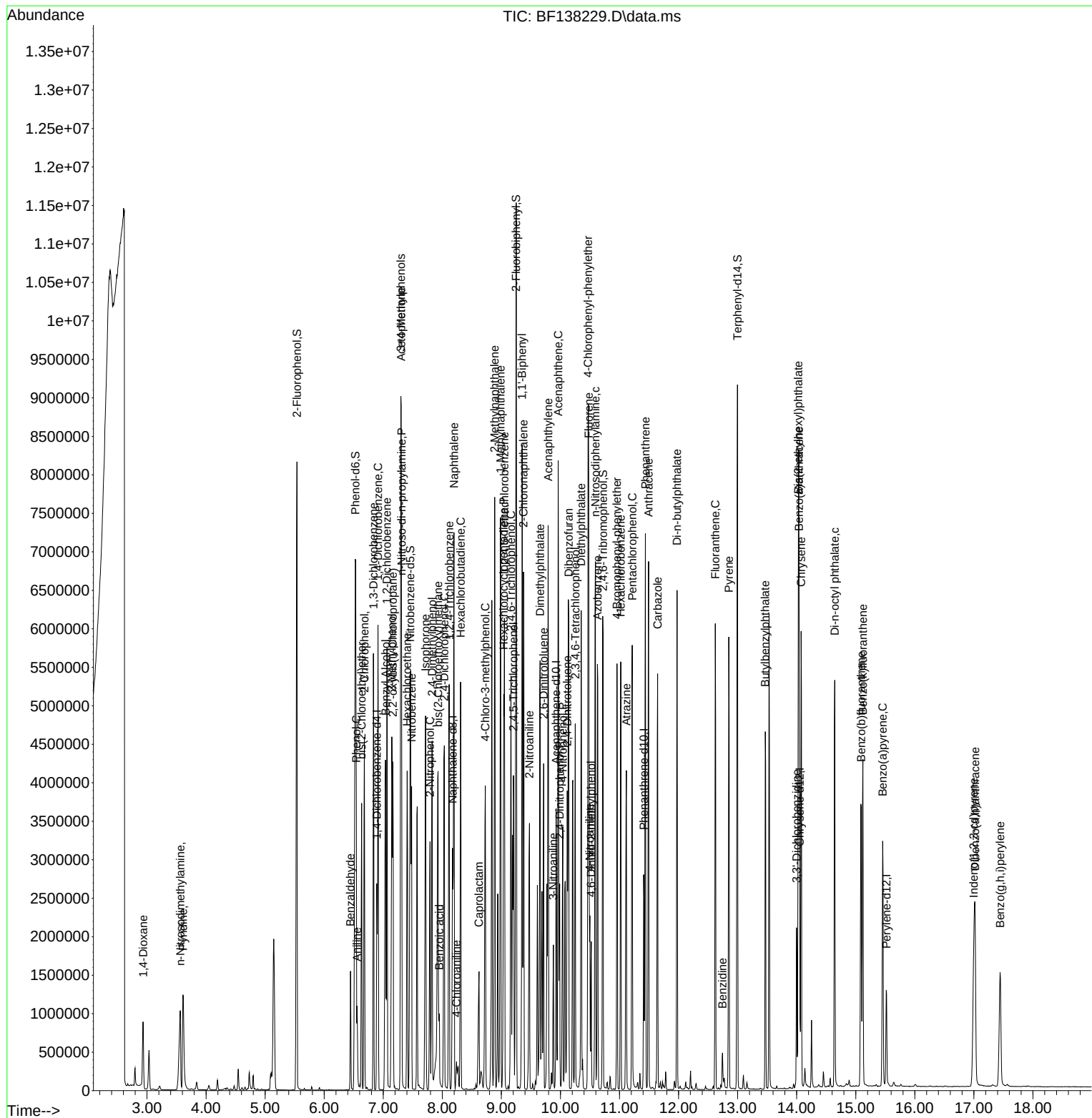
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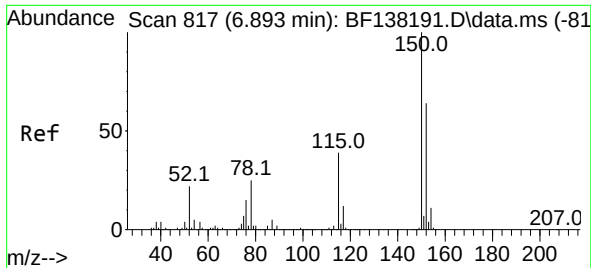
Instrument :
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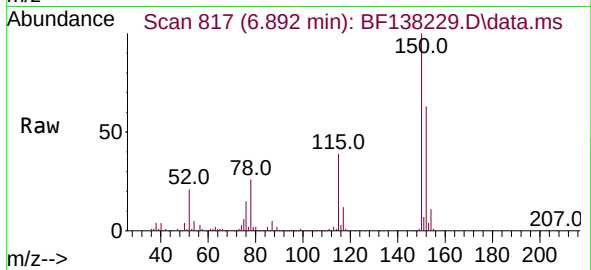
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

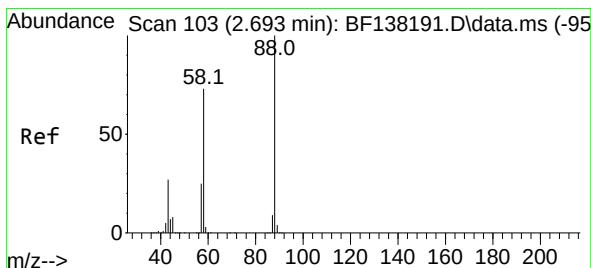
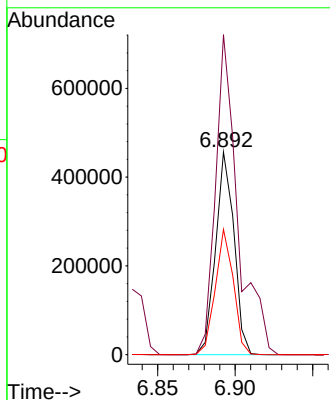
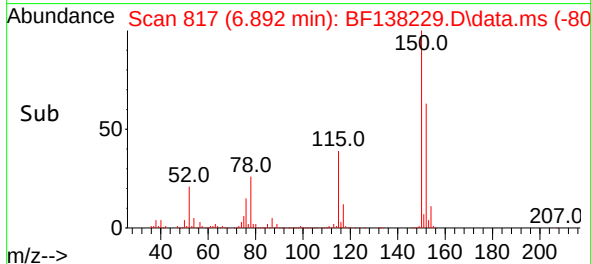
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



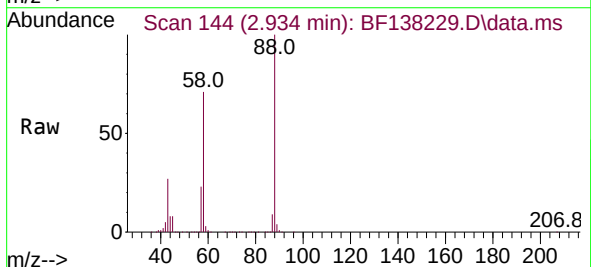
Tgt Ion:152 Resp: 37684
Ion Ratio Lower Upper
152 100
150 157.9 125.0 187.4
115 61.8 48.4 72.6

Manual Integrations
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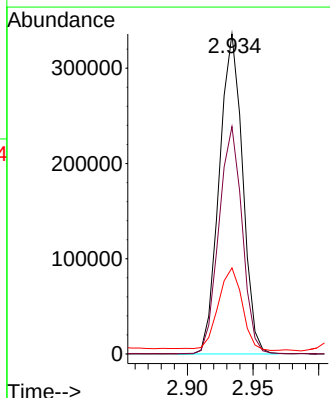
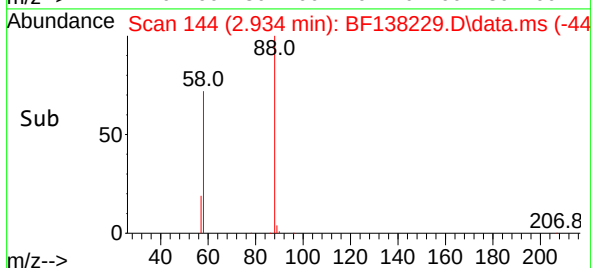
Reviewed By :Jagrut Upadhyay 06/19/2024
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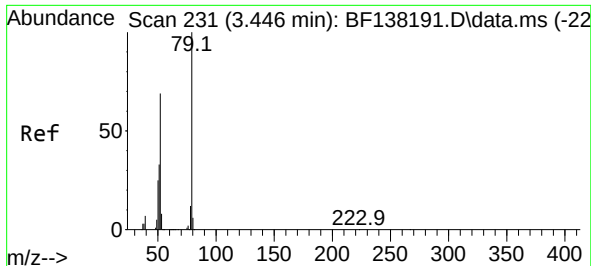


#2
1,4-Dioxane
Concen: 40.256 ng
RT: 2.934 min Scan# 144
Delta R.T. 0.241 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



Tgt Ion: 88 Resp: 415002
Ion Ratio Lower Upper
88 100
58 70.6 58.6 87.8
43 0.0 22.4 33.6#





#3
Pyridine
Concen: 32.861 ng
RT: 3.610 min Scan# 21
Delta R.T. 0.165 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

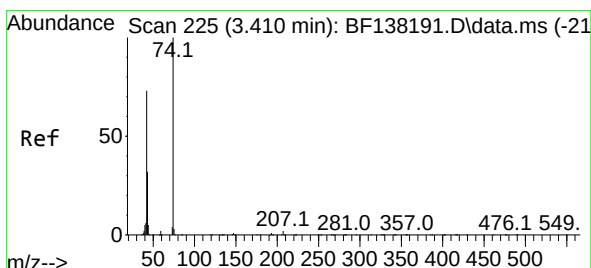
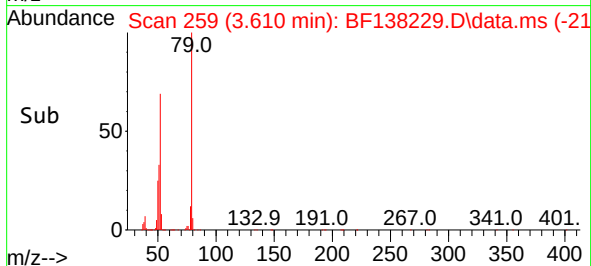
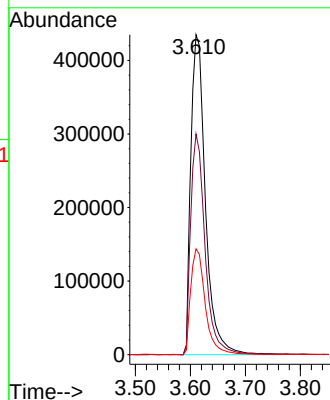
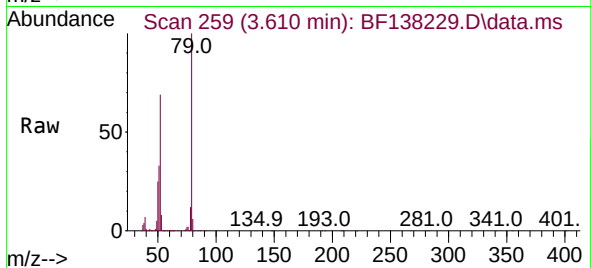
ClientSampleId :

WC-NORTH-1MSD

Tgt Ion: 79 Resp: 80514
Ion Ratio Lower Upper
79 100
52 69.0 55.0 82.4
51 33.1 26.9 40.3

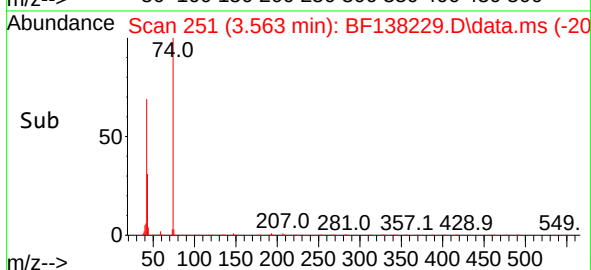
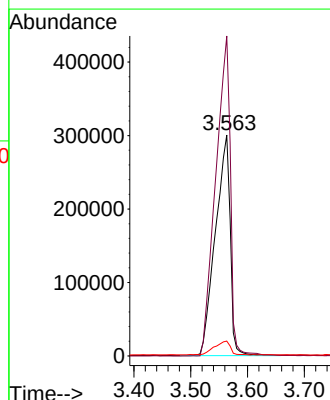
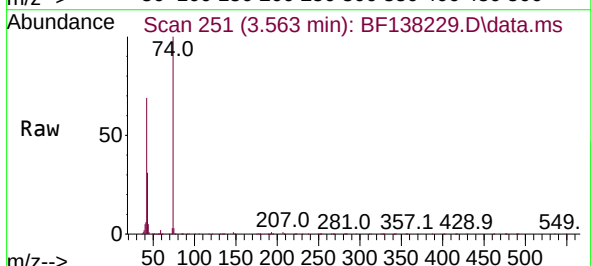
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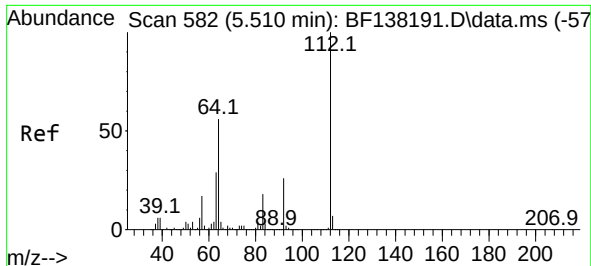
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#4
n-Nitrosodimethylamine
Concen: 47.918 ng
RT: 3.563 min Scan# 251
Delta R.T. 0.153 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion: 42 Resp: 543372
Ion Ratio Lower Upper
42 100
74 144.8 109.9 164.9
44 6.8 5.2 7.8





#5
2-Fluorophenol
Concen: 117.225 ng
RT: 5.540 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

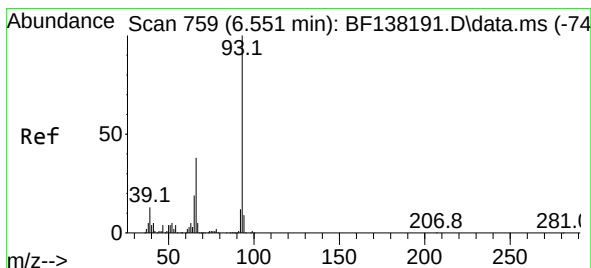
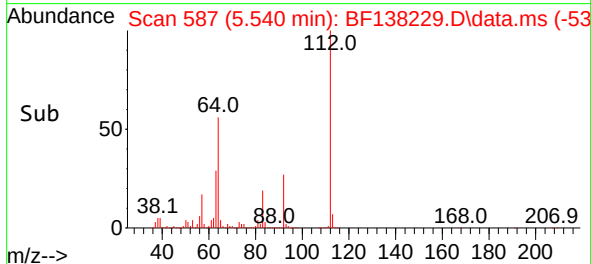
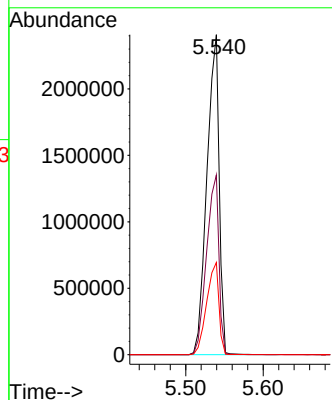
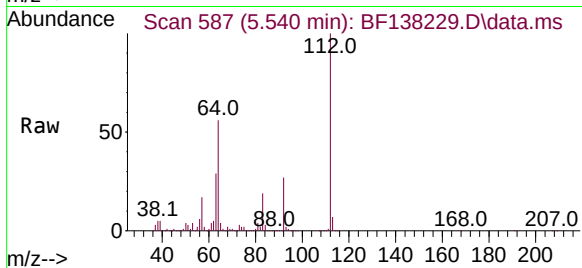
ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:112 Resp: 264075
Ion Ratio Lower Upper
112 100
64 56.2 45.2 67.8
63 28.8 22.9 34.3

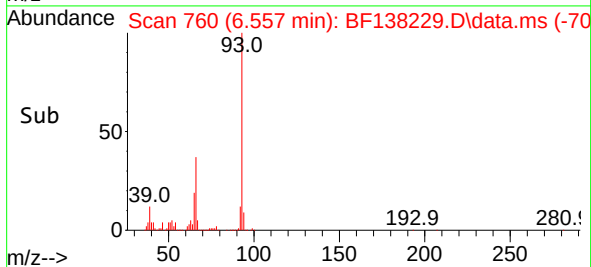
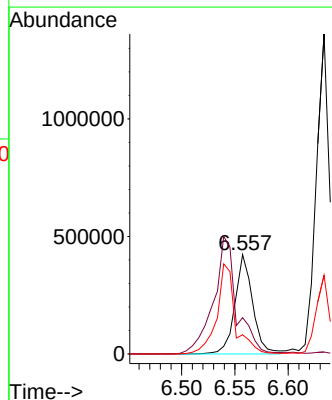
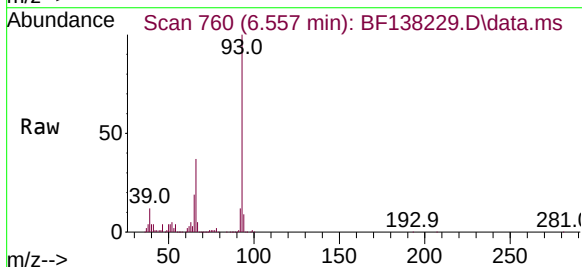
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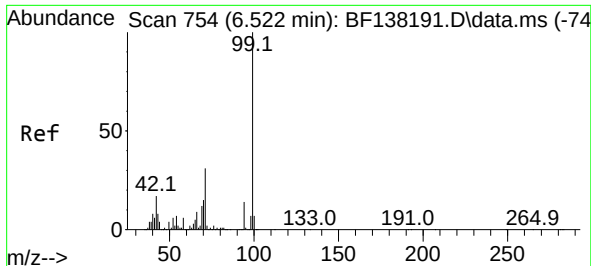
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#6
Aniline
Concen: 17.537 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

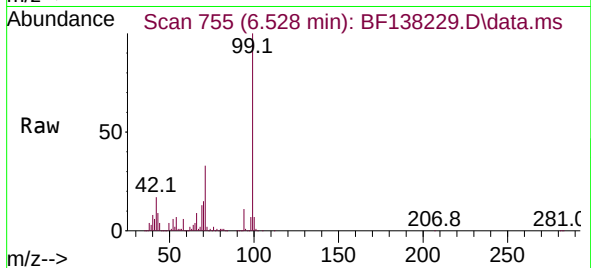
Tgt Ion: 93 Resp: 490179
Ion Ratio Lower Upper
93 100
66 36.6 30.8 46.2
65 19.3 15.5 23.3





#7
Phenol-d6
Concen: 113.127 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

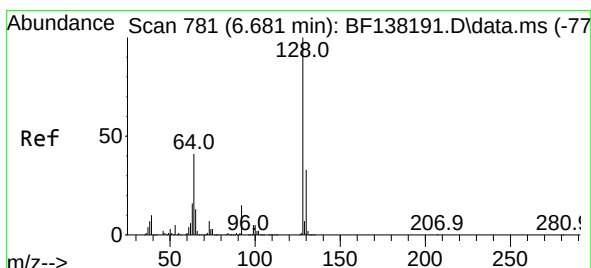
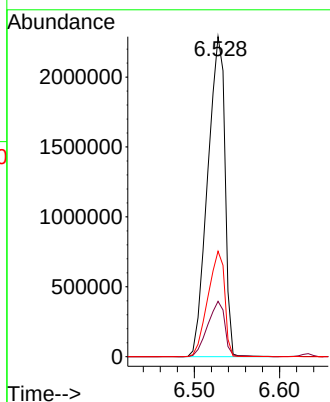
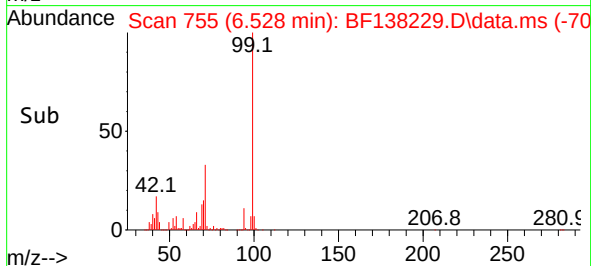
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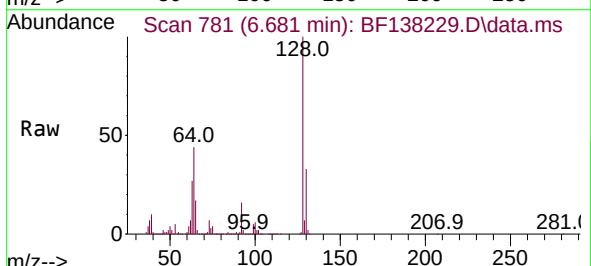
Tgt Ion: 99 Resp: 323151
Ion Ratio Lower Upper
99 100
42 17.3 13.7 20.5
71 32.9 25.0 37.6

Manual Integrations
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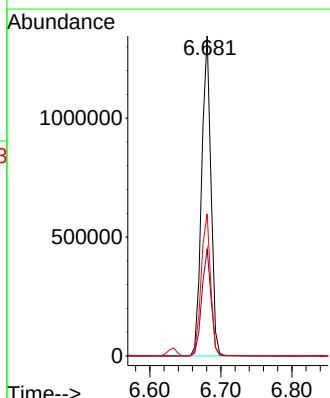
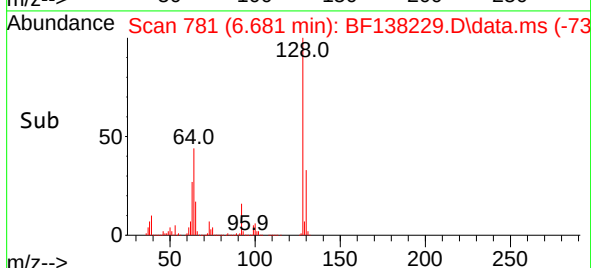
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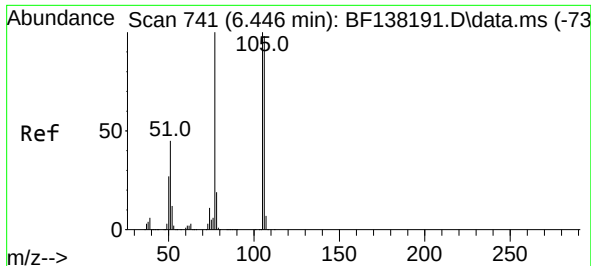


#8
2-Chlorophenol
Concen: 50.422 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



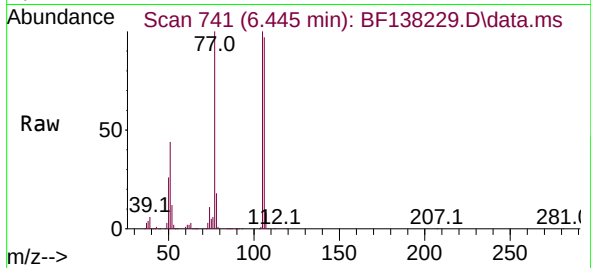
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Ion Ratio Lower Upper
128 100
130 33.4 13.1 53.1
64 44.4 21.8 61.8





#9
Benzaldehyde
Concen: 17.751 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.001 min
Lab File: BF138229.D
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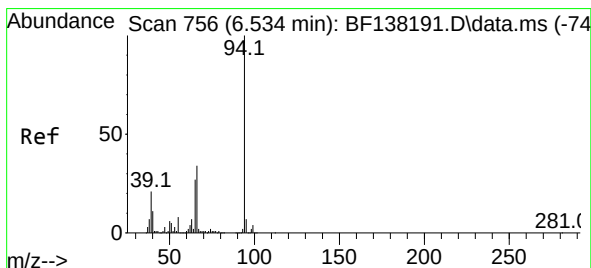
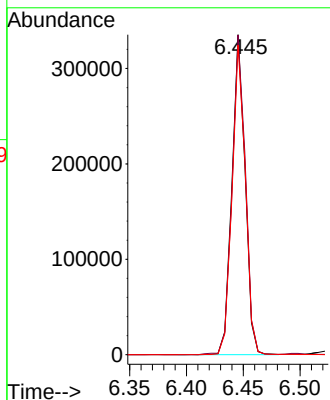
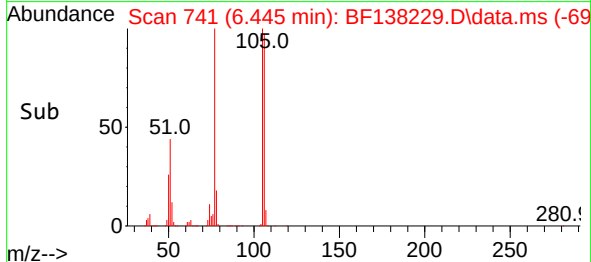
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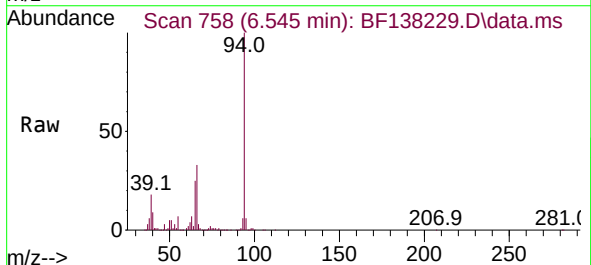
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Ion Ratio Lower Upper
77 100
105 99.9 80.1 120.1
106 96.8 77.8 117.8

Manual Integrations
APPROVED

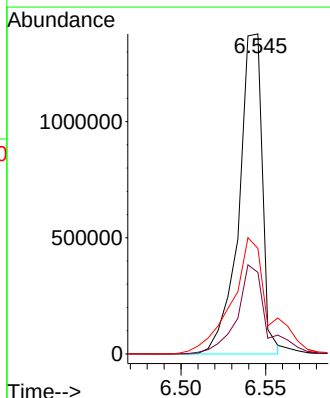
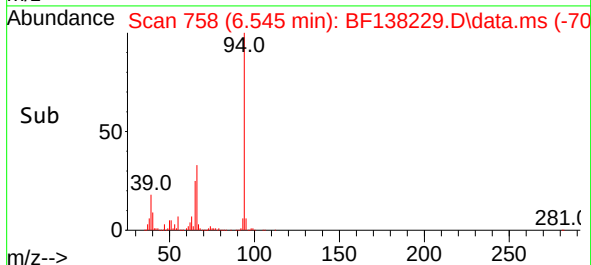
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

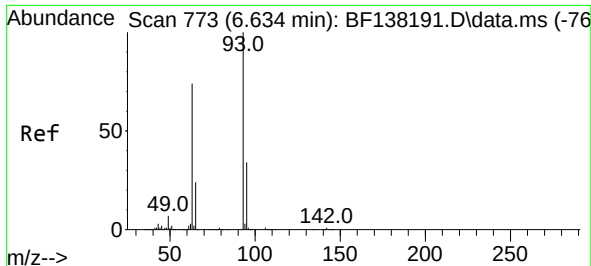


#10
Phenol
Concen: 45.734 ng m
RT: 6.545 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



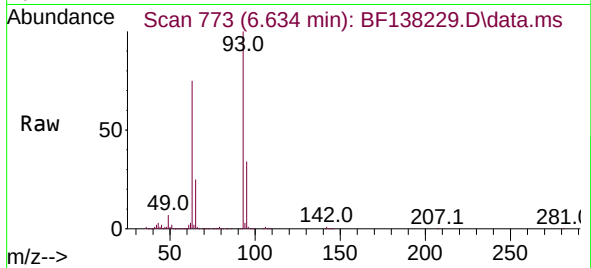
Tgt Ion: 94 Resp: 1325787
Ion Ratio Lower Upper
94 100
65 25.5 6.8 46.8
66 33.0 14.2 54.2





#11
bis(2-Chloroethyl)ether
Concen: 50.202 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

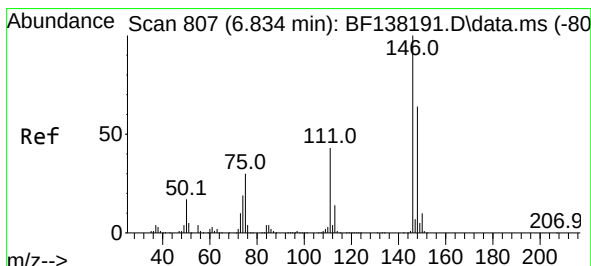
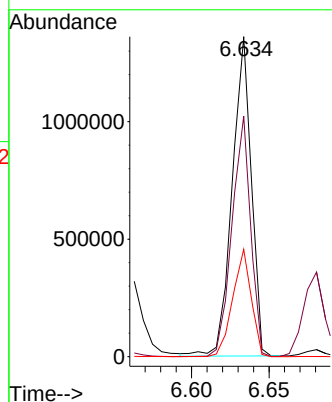
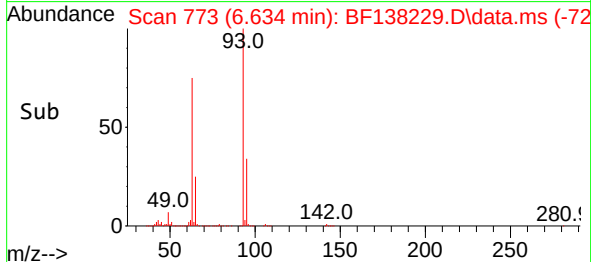
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



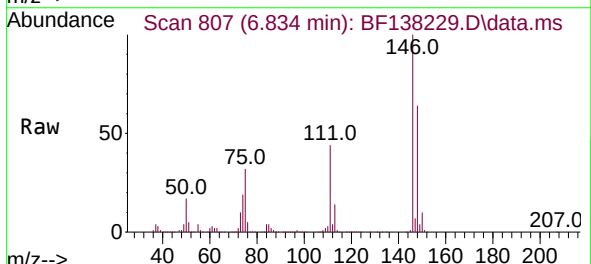
Tgt Ion: 93 Resp: 1164752
Ion Ratio Lower Upper
93 100
63 75.2 52.5 92.5
95 33.5 13.2 53.2

Manual Integrations
APPROVED

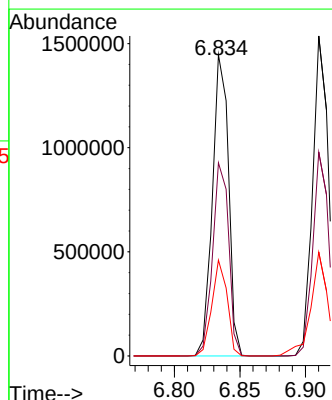
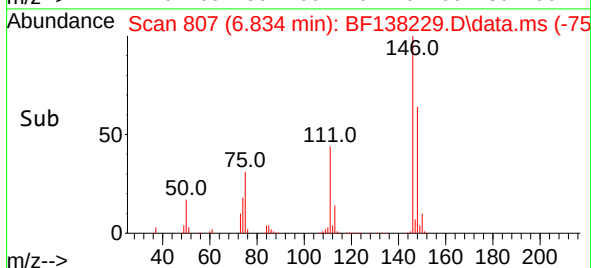
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

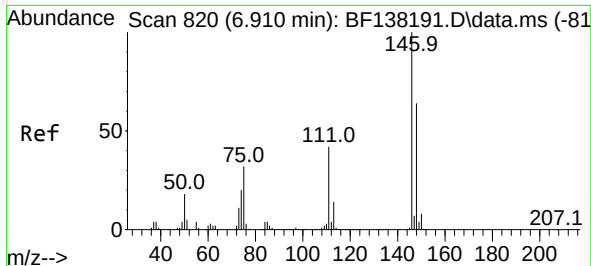


#12
1,3-Dichlorobenzene
Concen: 44.612 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



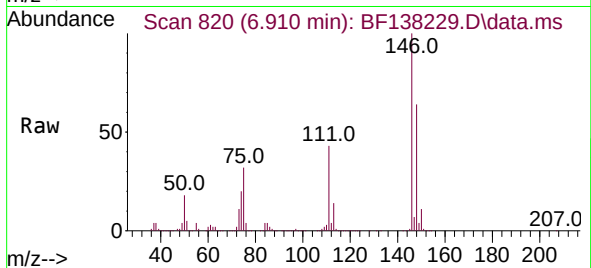
Tgt Ion:146 Resp: 1234782
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
75 31.8 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 44.853 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

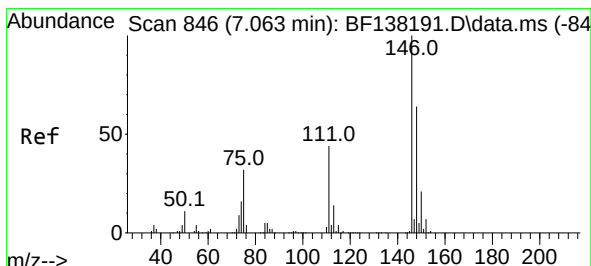
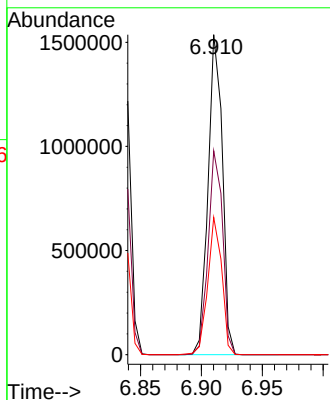
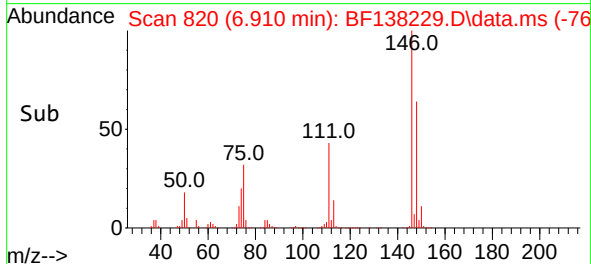
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



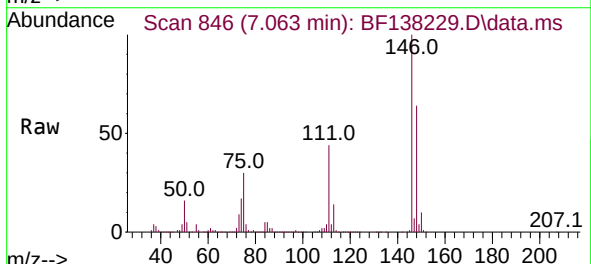
Tgt Ion:146 Resp: 124935
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
111 42.9 33.7 50.5

Manual Integrations
APPROVED

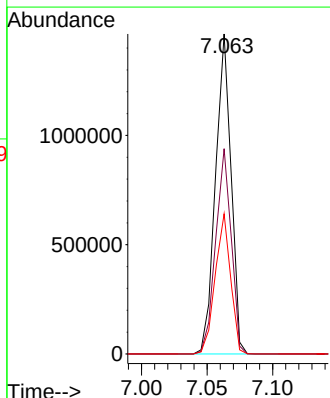
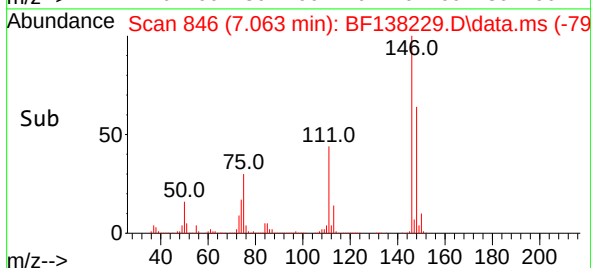
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

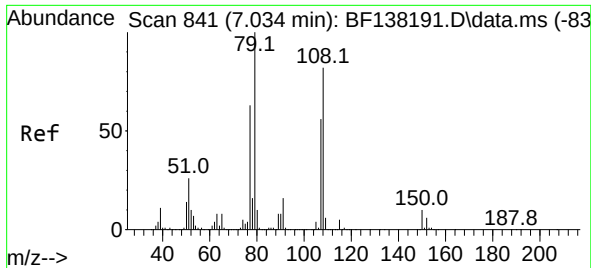


#14
1,2-Dichlorobenzene
Concen: 46.133 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



Tgt Ion:146 Resp: 1206318
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 43.8 35.4 53.2





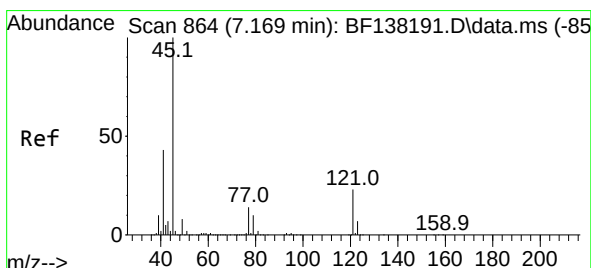
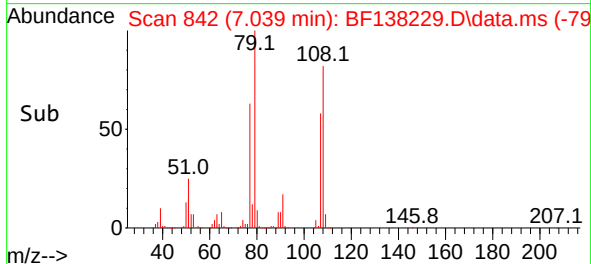
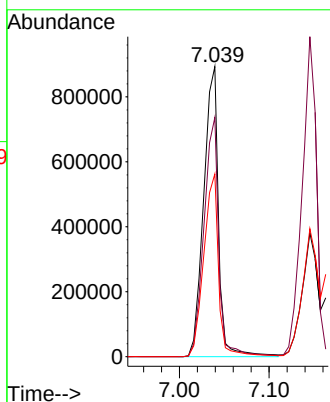
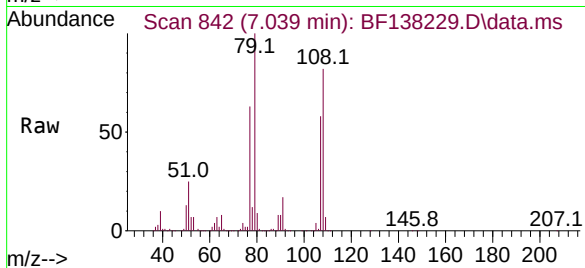
#15
Benzyl Alcohol
Concen: 53.345 ng
RT: 7.039 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD

Tgt Ion: 79 Resp: 1027464
Ion Ratio Lower Upper
79 100
108 82.4 65.9 98.9
77 63.0 50.3 75.5

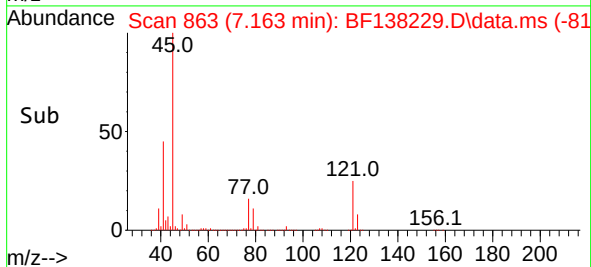
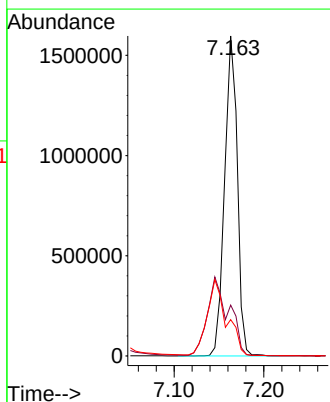
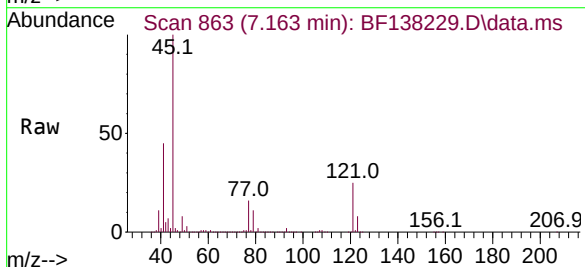
Manual Integrations
APPROVED

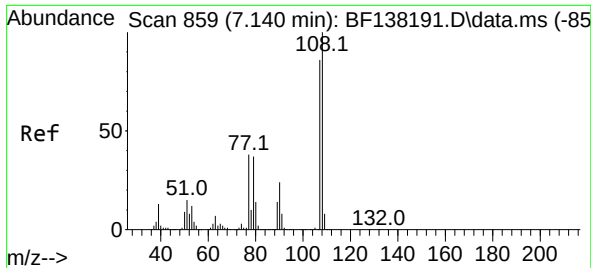
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.902 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion: 45 Resp: 1568523
Ion Ratio Lower Upper
45 100
77 15.9 0.0 33.9
79 11.4 0.0 30.7





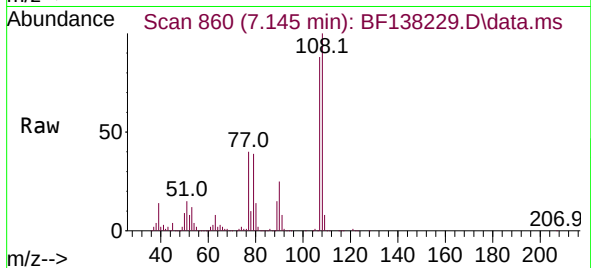
#17
2-Methylphenol
Concen: 50.502 ng
RT: 7.145 min Scan# 859
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

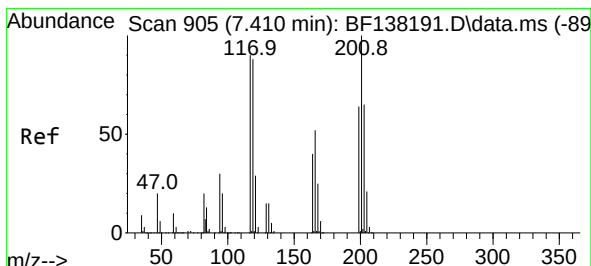
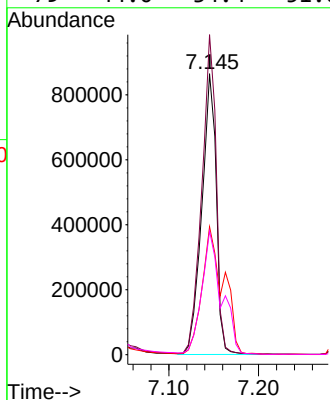
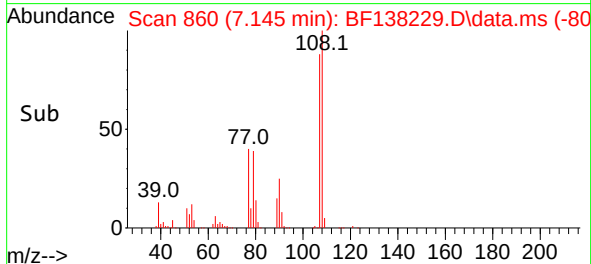


Tgt Ion:107 Resp: 970420
Ion Ratio Lower Upper
107 100
108 113.9 92.7 139.1
77 45.6 35.7 53.5
79 44.0 34.4 51.6

Manual Integrations

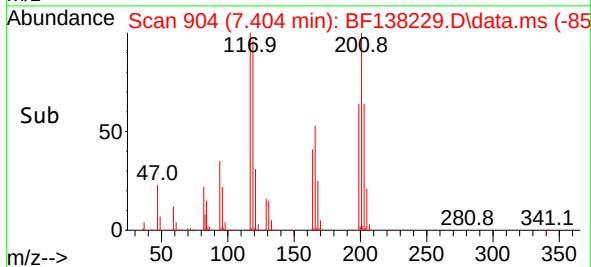
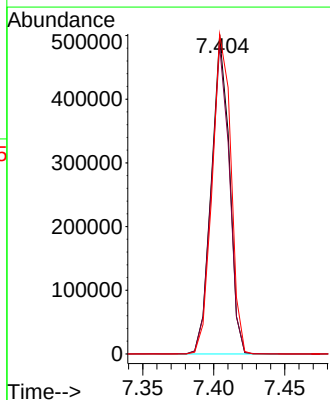
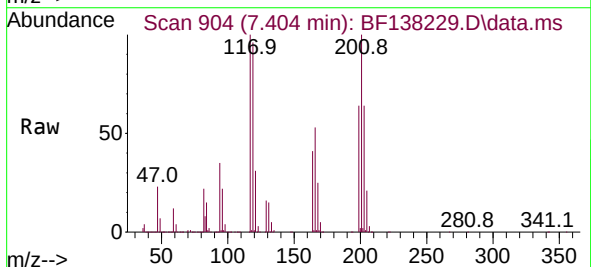
APPROVED

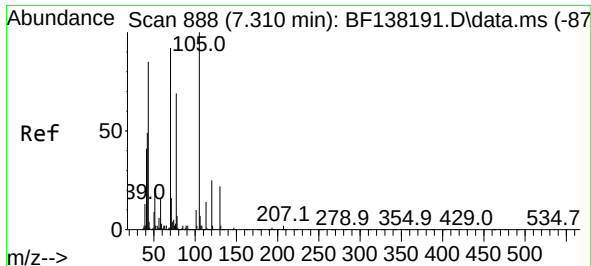
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#18
Hexachloroethane
Concen: 46.556 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion:117 Resp: 439326
Ion Ratio Lower Upper
117 100
119 96.6 78.4 117.6
201 100.3 89.0 133.6





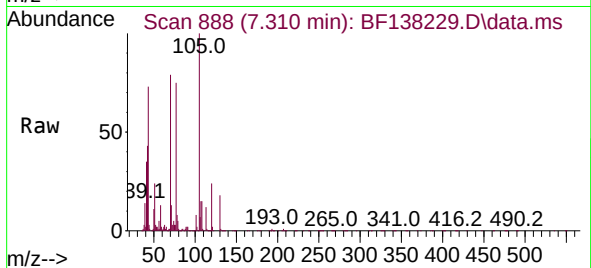
#19
n-Nitroso-di-n-propylamine
Concen: 50.362 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

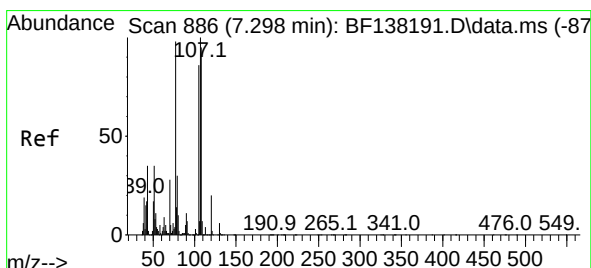
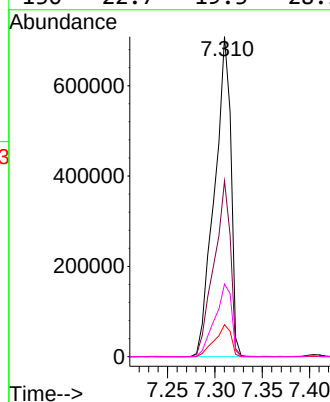
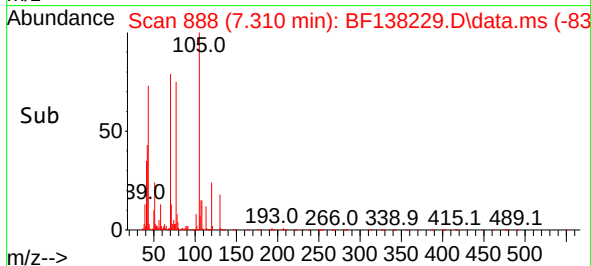


Tgt Ion:	70	Resp:	85275
Ion Ratio	Lower	Upper	
70	100		
42	54.9	42.8	64.2
101	10.0	8.4	12.6
130	22.7	19.3	28.9

Manual Integrations

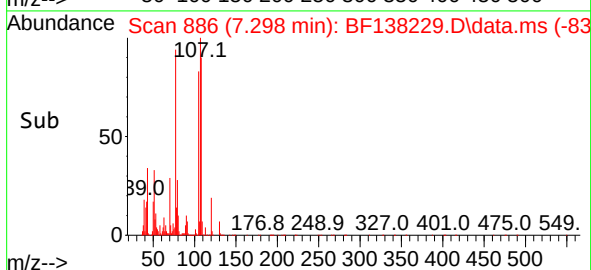
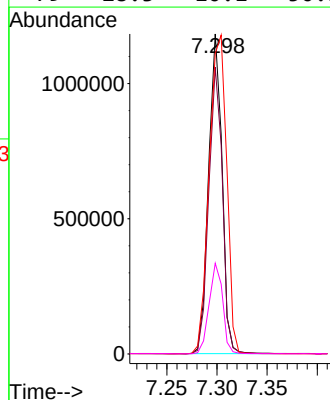
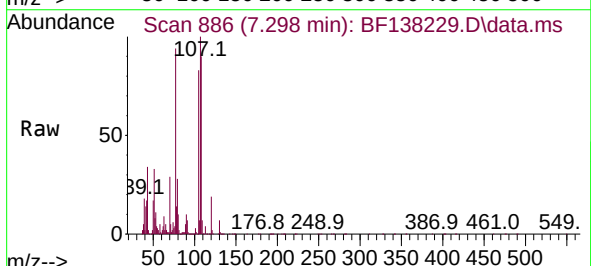
APPROVED

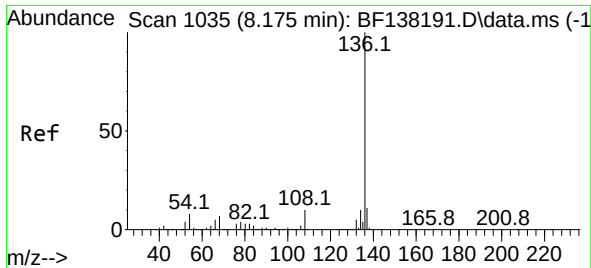
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#20
3+4-Methylphenols
Concen: 45.983 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion:	107	Resp:	1112147
Ion Ratio	Lower	Upper	
107	100		
108	89.6	74.9	114.9
77	93.9	78.2	118.2
79	28.3	10.1	50.1





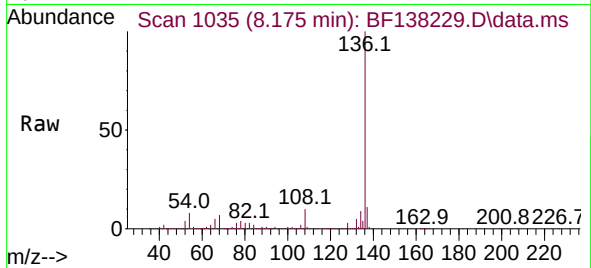
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

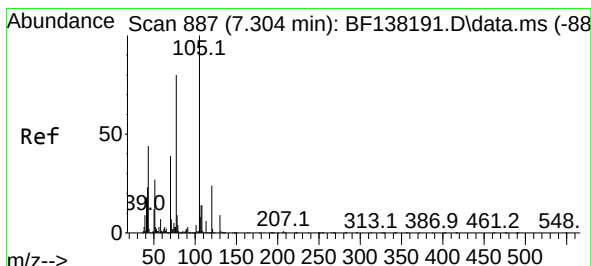
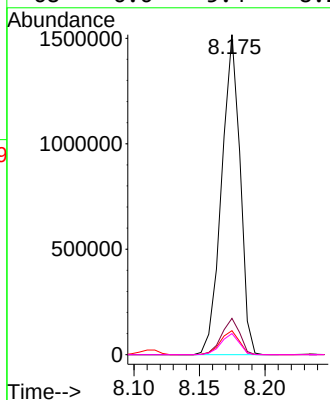
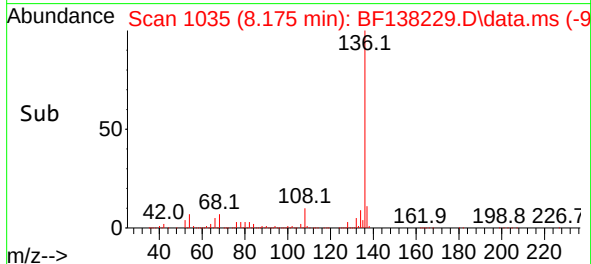


Tgt Ion:136 Resp: 148222
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.5 6.6 10.0
68 6.6 5.4 8.2

Manual Integrations

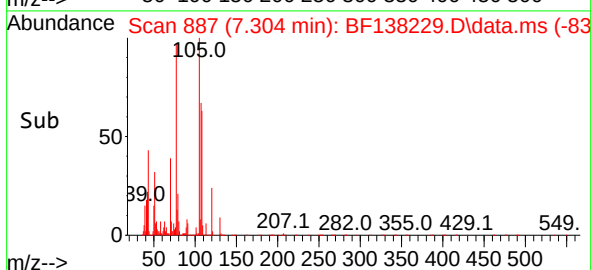
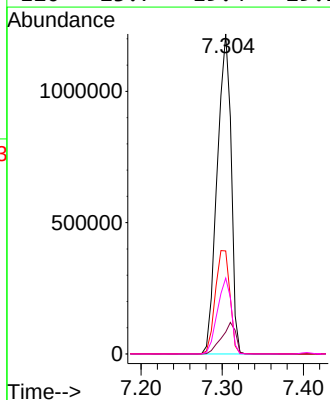
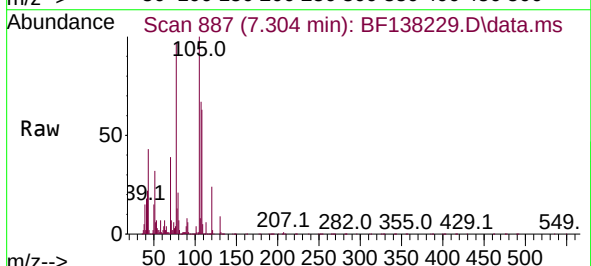
APPROVED

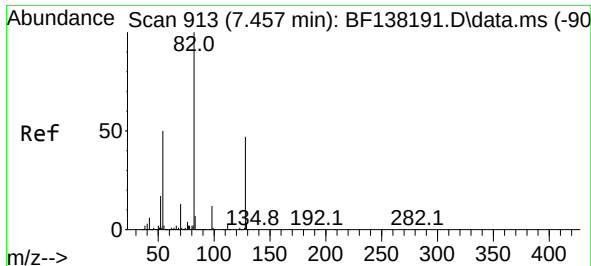
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Acetophenone
Concen: 42.997 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

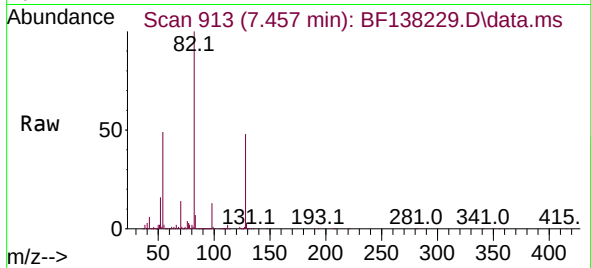
Tgt Ion:105 Resp: 1455886
Ion Ratio Lower Upper
105 100
71 6.8 5.4 8.2
51 32.2 21.4 32.0#
120 23.7 19.4 29.2





#23
Nitrobenzene-d5
Concen: 88.208 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

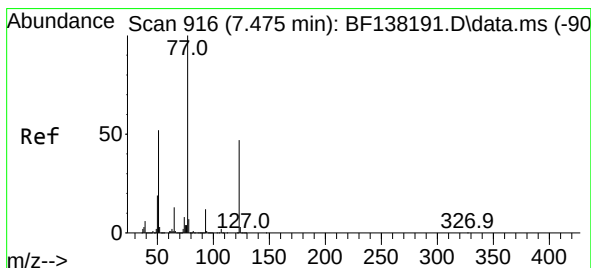
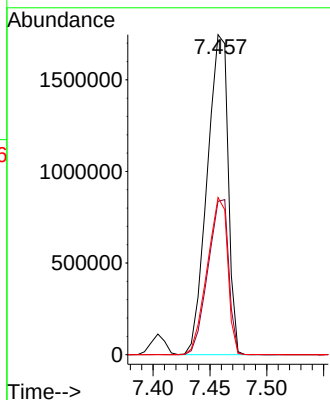
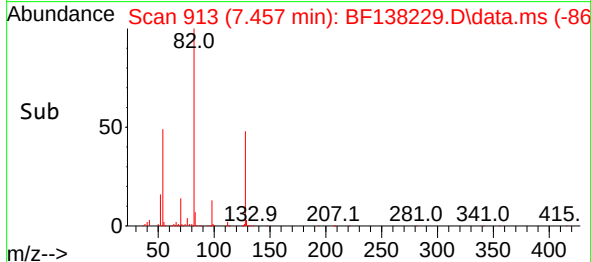
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



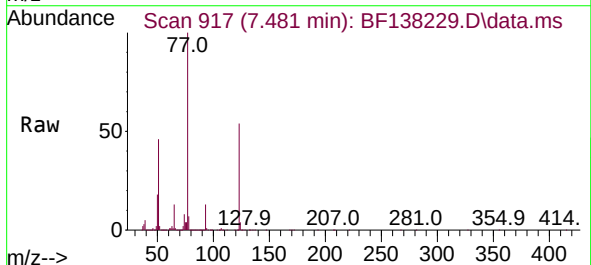
Tgt Ion: 82 Resp: 224581
Ion Ratio Lower Upper
82 100
128 47.9 37.2 55.8
54 49.1 39.8 59.6

Manual Integrations
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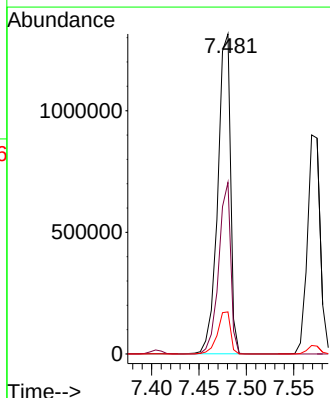
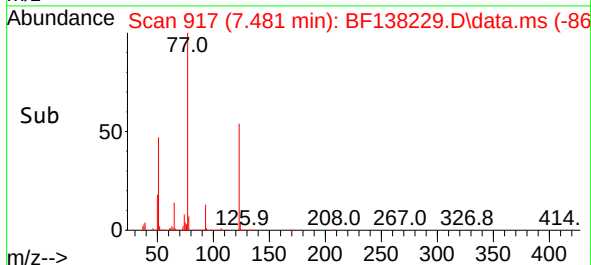
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

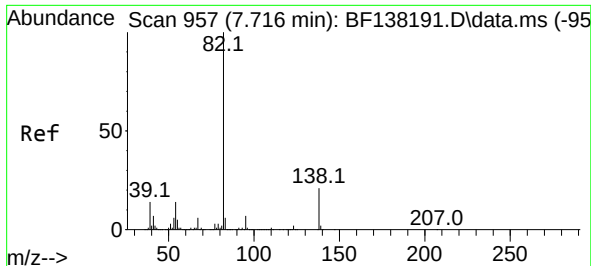


#24
Nitrobenzene
Concen: 47.007 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



Tgt Ion: 77 Resp: 1236976
Ion Ratio Lower Upper
77 100
123 53.6 37.3 55.9
65 13.1 10.6 15.8





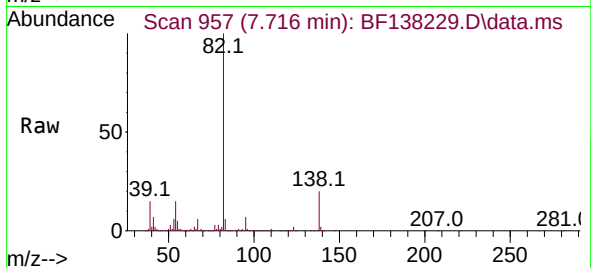
#25
Isophorone
Concen: 50.011 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

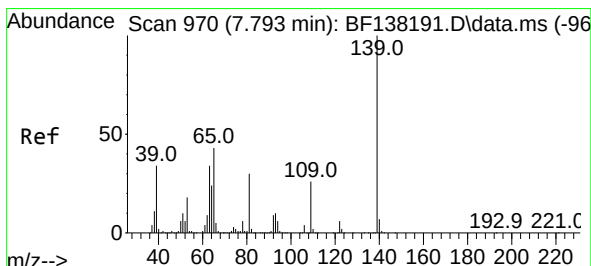
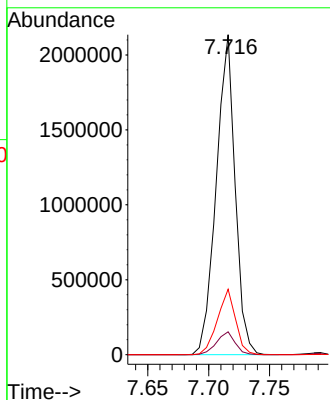
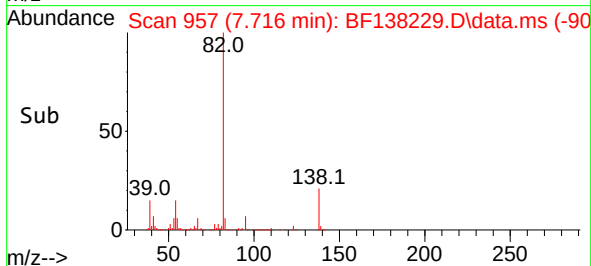


Tgt Ion: 82 Resp: 2303174
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 20.4 16.4 24.6

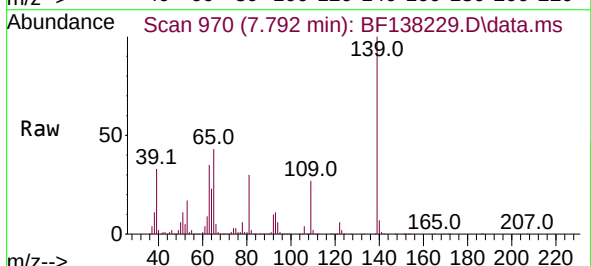
Manual Integrations

APPROVED

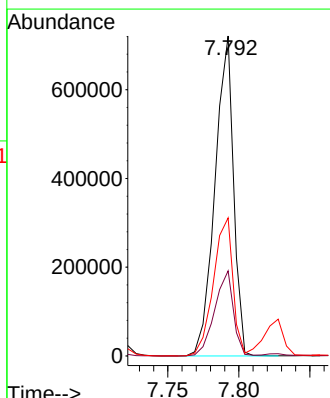
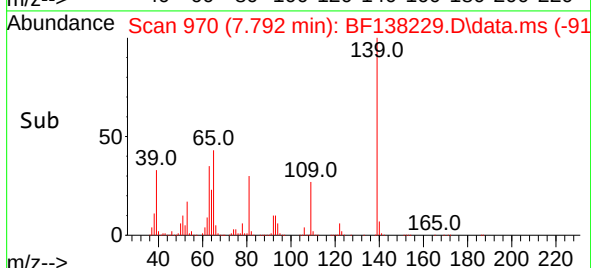
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

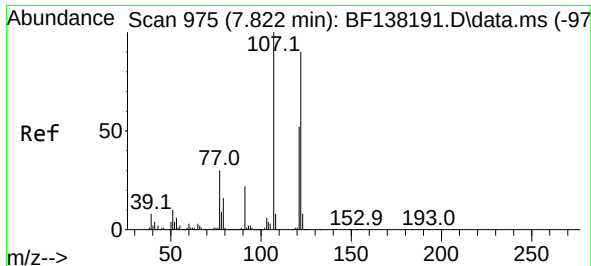


#26
2-Nitrophenol
Concen: 61.833 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.001 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



Tgt Ion:139 Resp: 654285
Ion Ratio Lower Upper
139 100
109 26.6 20.7 31.1
65 43.1 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 53.944 ng m

RT: 7.828 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

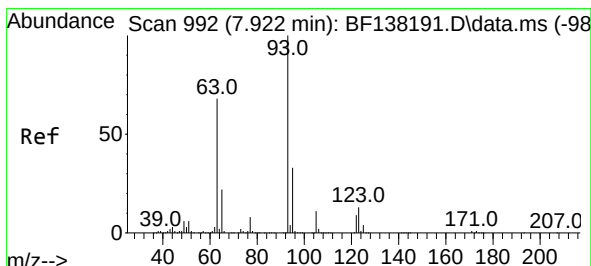
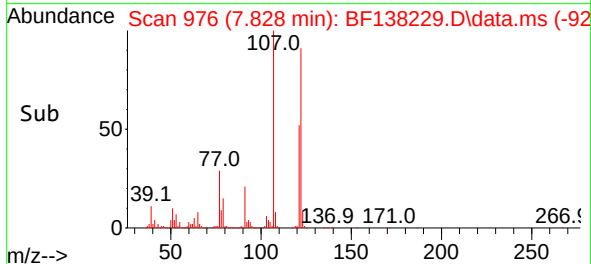
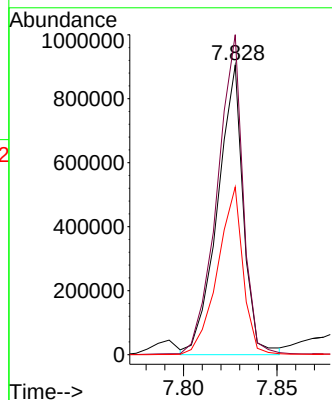
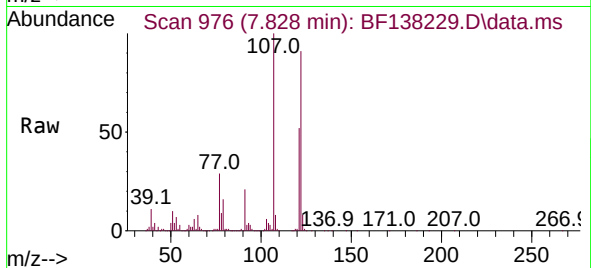
WC-NORTH-1MSD

Tgt Ion:122 Resp: 86840
 Ion Ratio Lower Upper
 122 100
 107 110.5 87.7 131.5
 121 57.9 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024



#28

bis(2-Chloroethoxy)methane

Concen: 50.853 ng

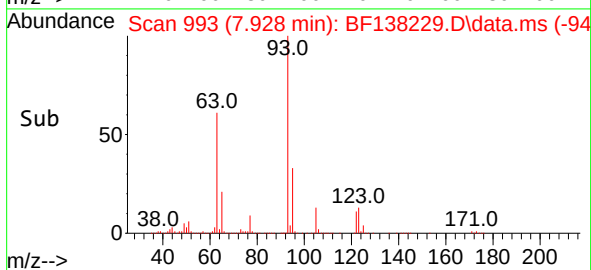
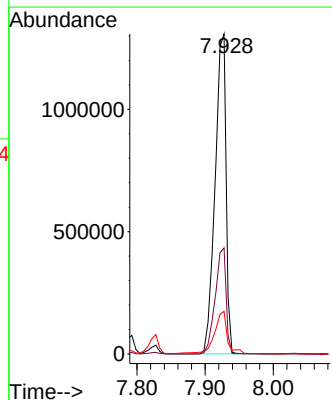
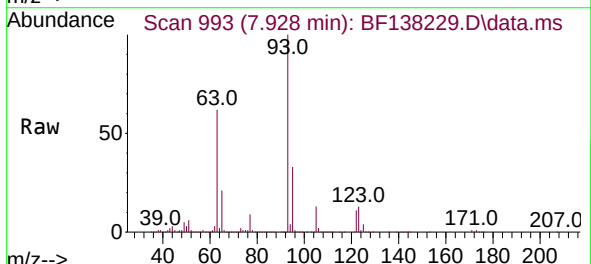
RT: 7.928 min Scan# 993

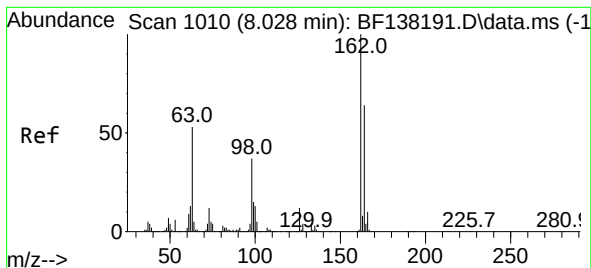
Delta R.T. 0.006 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

Tgt Ion: 93 Resp: 1466000
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.6 39.8
 123 13.3 10.2 15.4





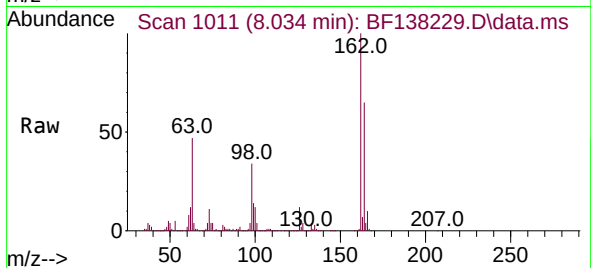
#29
2,4-Dichlorophenol
Concen: 48.533 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

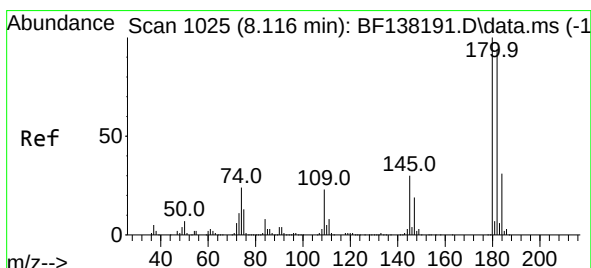
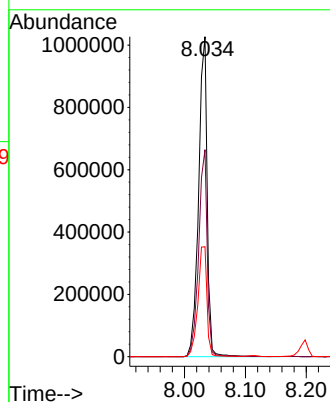
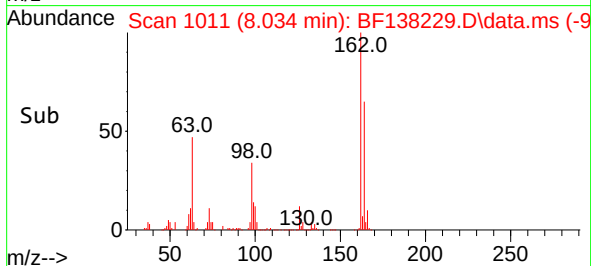


Tgt Ion:162 Resp: 100588
Ion Ratio Lower Upper
162 100
164 64.7 44.3 84.3
98 34.4 16.5 56.5

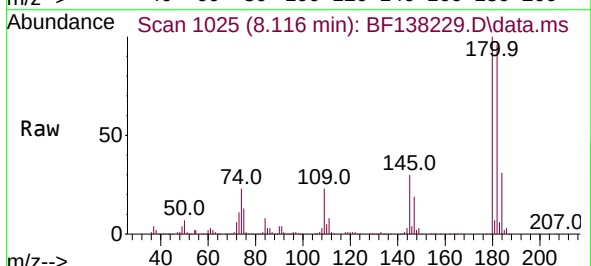
Manual Integrations

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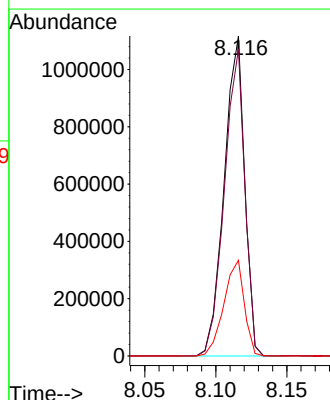
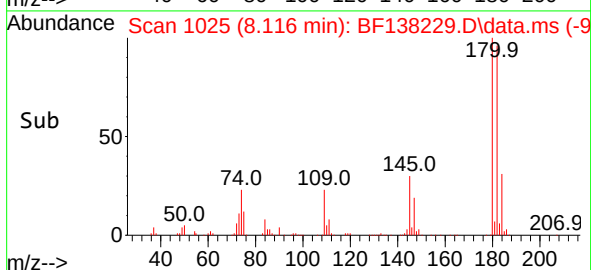
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

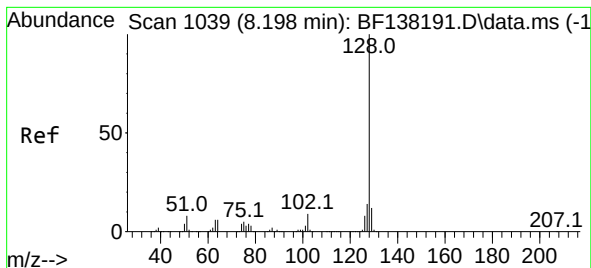


#30
1,2,4-Trichlorobenzene
Concen: 45.794 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



Tgt Ion:180 Resp: 1119321
Ion Ratio Lower Upper
180 100
182 95.8 75.0 112.6
145 29.9 23.8 35.6





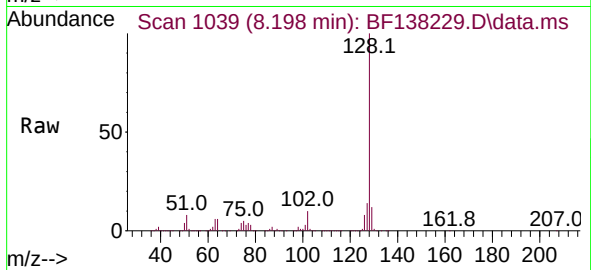
#31
Naphthalene
Concen: 45.272 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

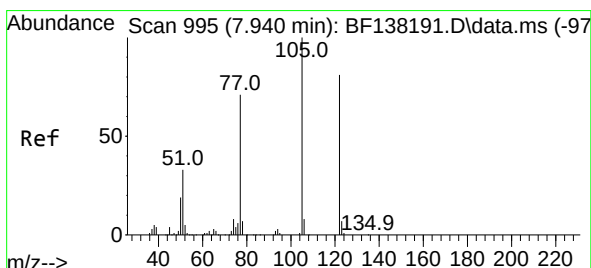
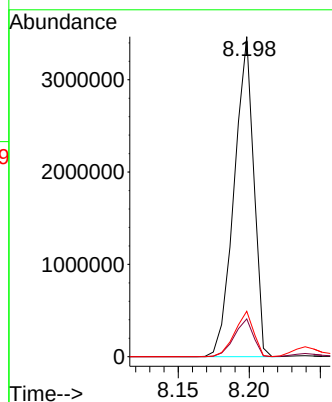
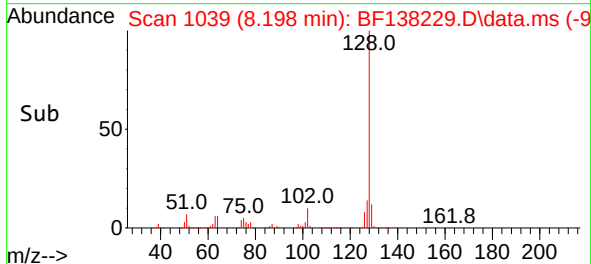


Tgt Ion:128 Resp: 3318070
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 14.2 11.0 16.6

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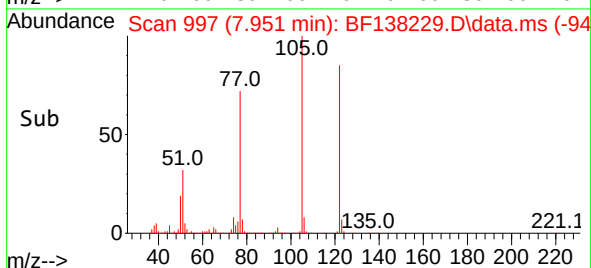
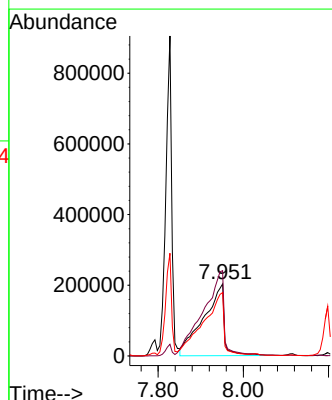
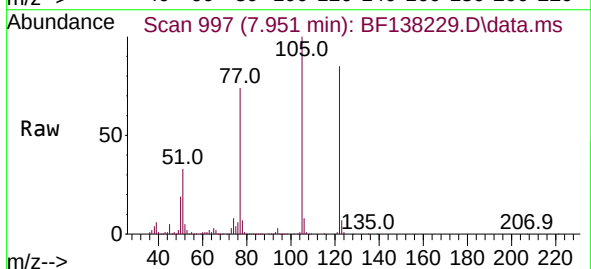
APPROVED

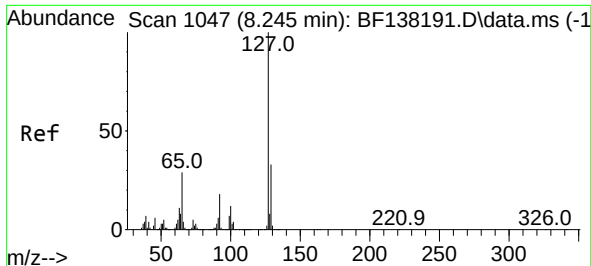
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#32
Benzoic acid
Concen: 48.604 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.011 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion:122 Resp: 689609
Ion Ratio Lower Upper
122 100
105 118.3 100.1 140.1
77 88.0 66.5 106.5





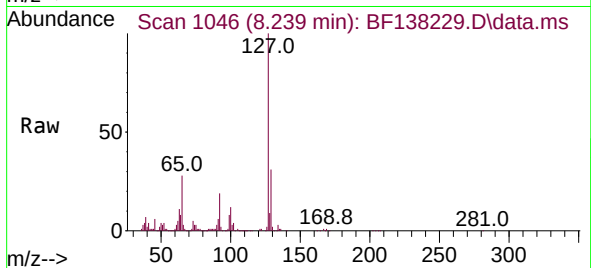
#33
4-Chloroaniline
Concen: 5.900 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

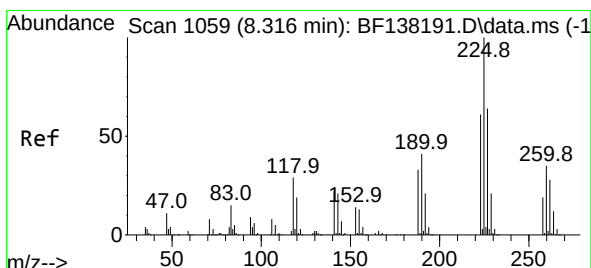
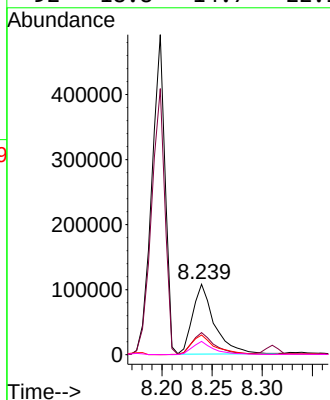
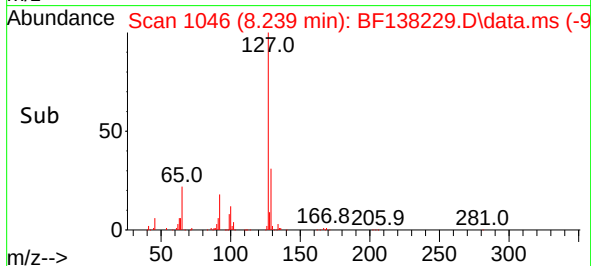


Tgt Ion:127 Resp: 161639
Ion Ratio Lower Upper
127 100
129 31.3 26.1 39.1
65 28.0 23.6 35.4
92 18.8 14.7 22.1

Manual Integrations

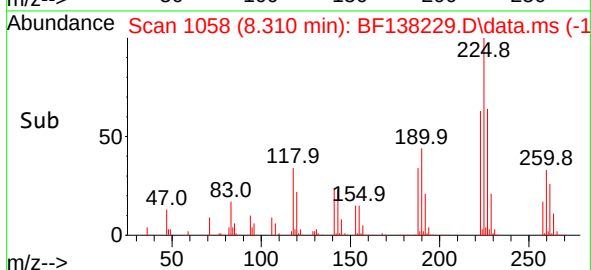
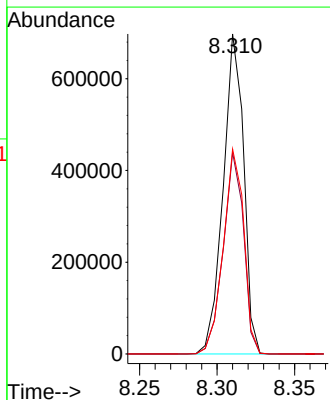
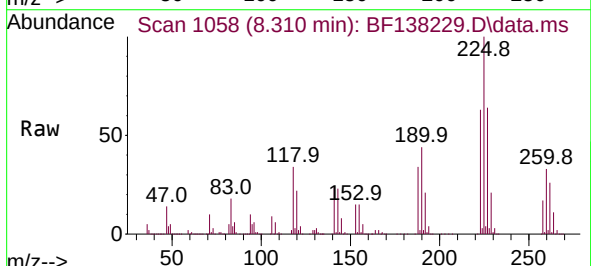
APPROVED

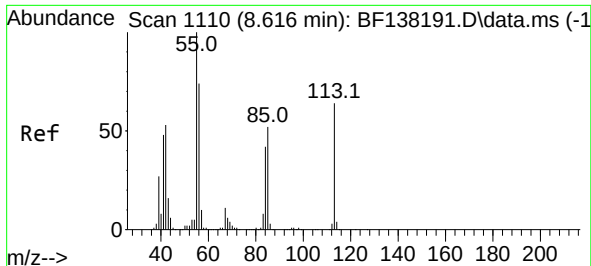
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#34
Hexachlorobutadiene
Concen: 44.892 ng
RT: 8.310 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

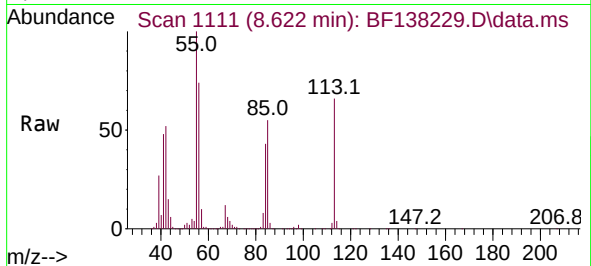
Tgt Ion:225 Resp: 641739
Ion Ratio Lower Upper
225 100
223 62.9 49.0 73.6
227 64.0 51.2 76.8





#35
Caprolactam
Concen: 43.187 ng m
RT: 8.622 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

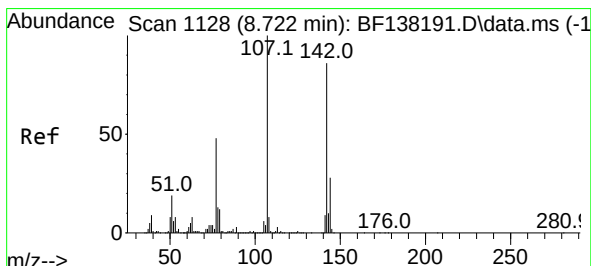
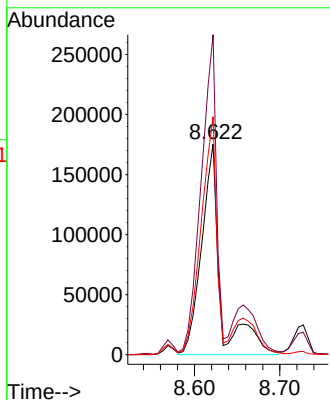
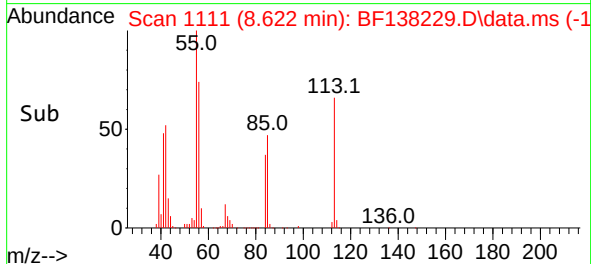
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



Tgt Ion:113 Resp: 270220
Ion Ratio Lower Upper
113 100
55 151.9 135.4 175.4
56 113.0 95.5 135.5

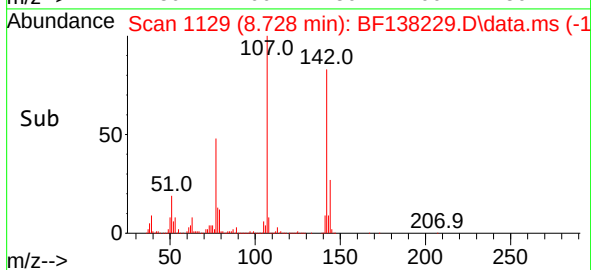
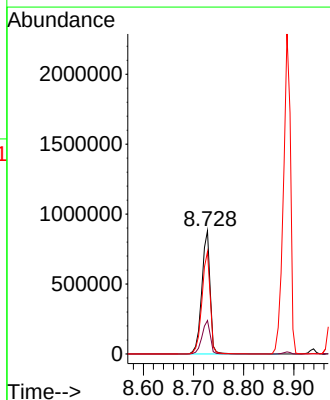
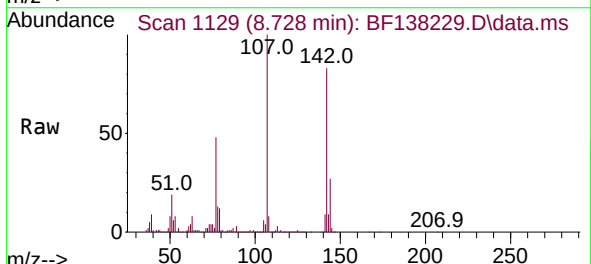
Manual Integrations
APPROVED

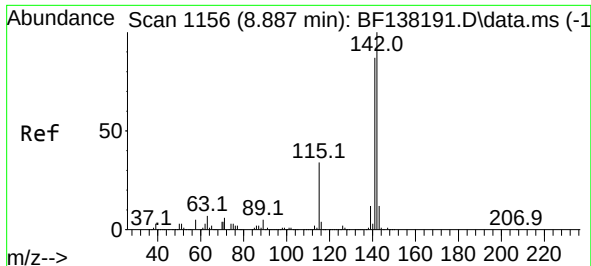
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#36
4-Chloro-3-methylphenol
Concen: 48.950 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion:107 Resp: 1010139
Ion Ratio Lower Upper
107 100
144 27.2 22.6 34.0
142 83.1 69.0 103.4





#37

2-Methylnaphthalene

Concen: 46.708 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:142 Resp: 2246738

Ion Ratio Lower Upper

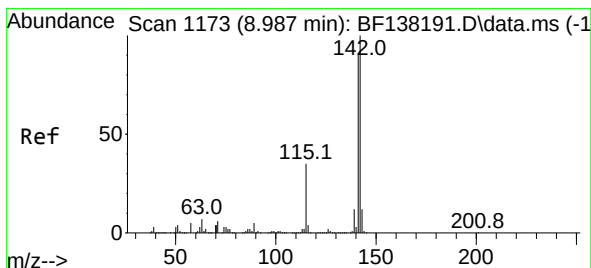
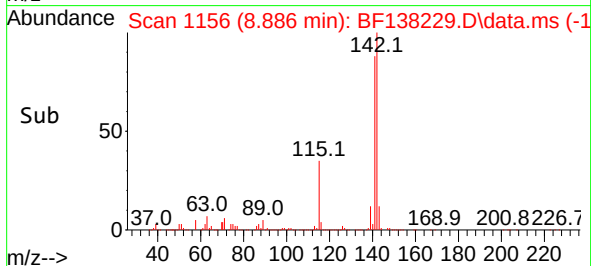
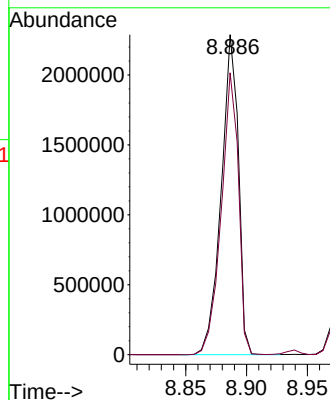
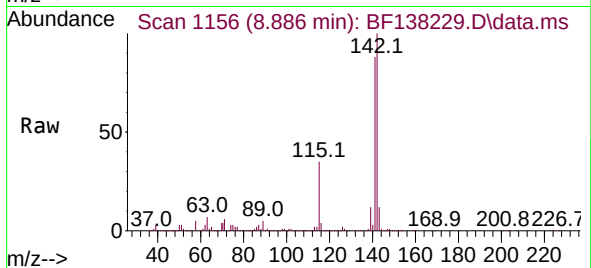
142 100

141 88.1 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#38

1-Methylnaphthalene

Concen: 44.117 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF138229.D

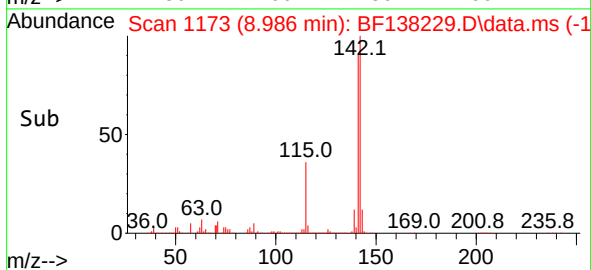
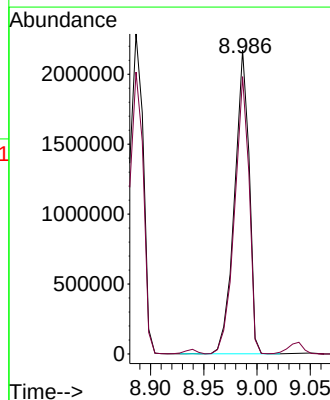
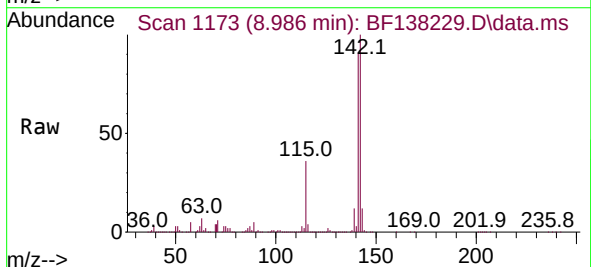
Acq: 18 Jun 2024 17:29

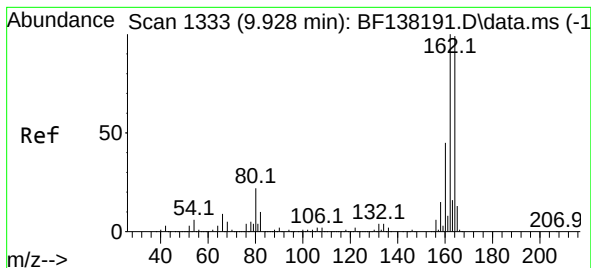
Tgt Ion:142 Resp: 2079541

Ion Ratio Lower Upper

142 100

141 91.2 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF138229.D

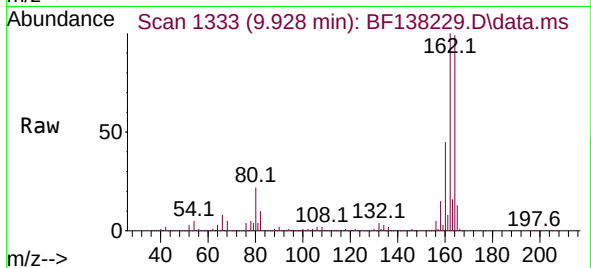
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD



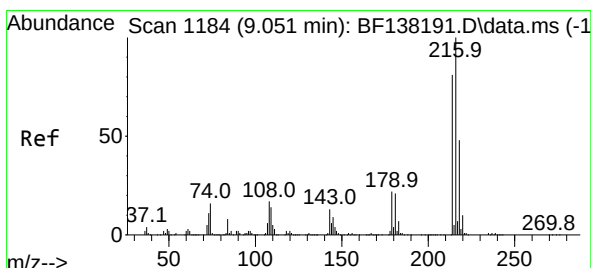
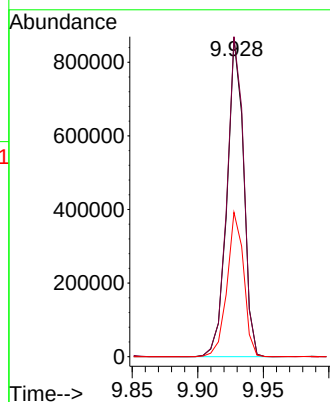
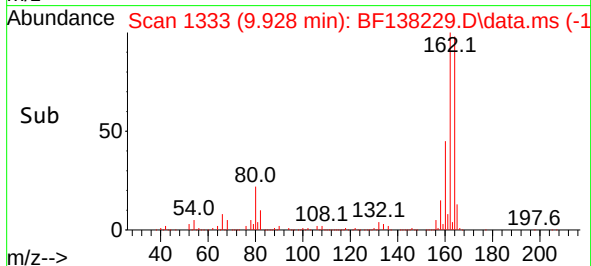
Tgt Ion:164 Resp: 75974

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	121.0
160	45.4	36.3	54.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.739 ng

RT: 9.051 min Scan# 1184

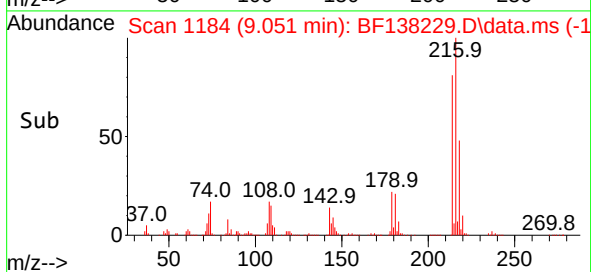
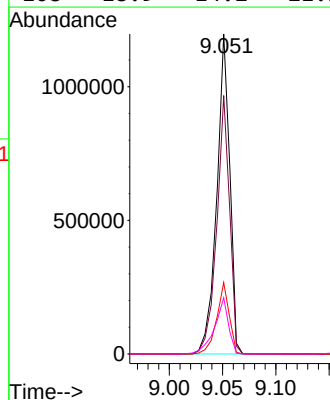
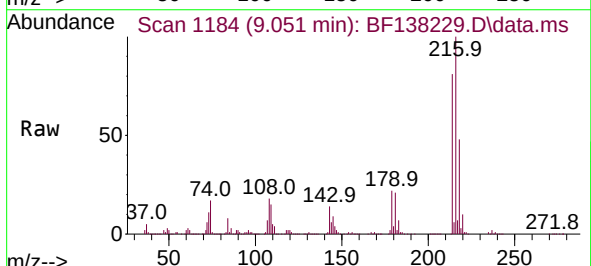
Delta R.T. -0.000 min

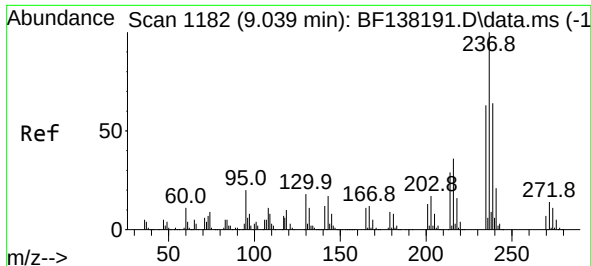
Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

Tgt Ion:216 Resp: 1015444

Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.7	95.5
179	21.6	16.9	25.3
108	18.9	14.2	21.2





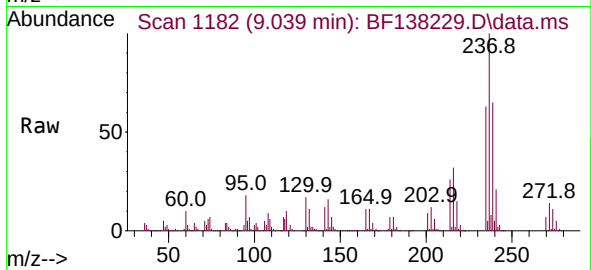
#41
Hexachlorocyclopentadiene
Concen: 91.987 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

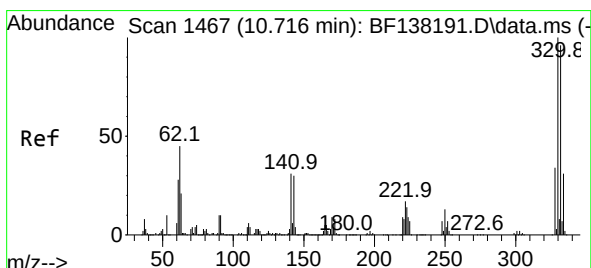
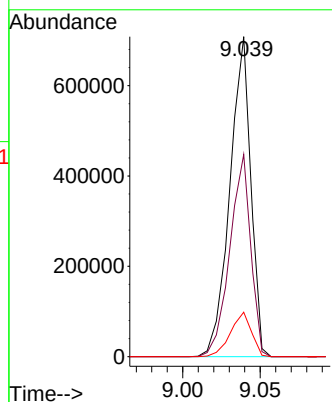
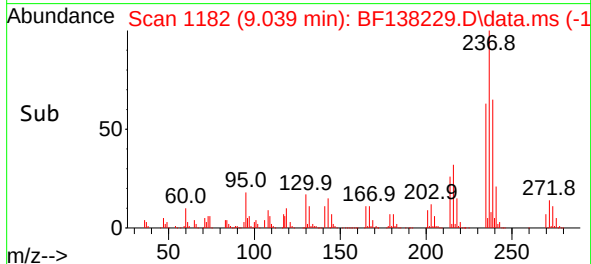


Tgt Ion:237 Resp: 665902
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 13.9 0.0 34.0

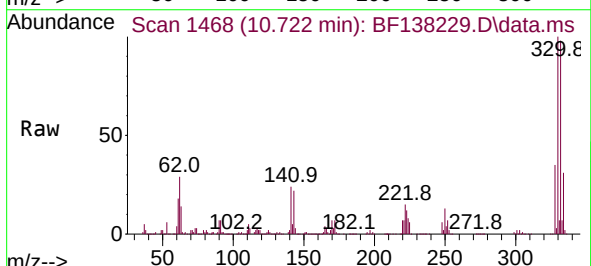
Manual Integrations

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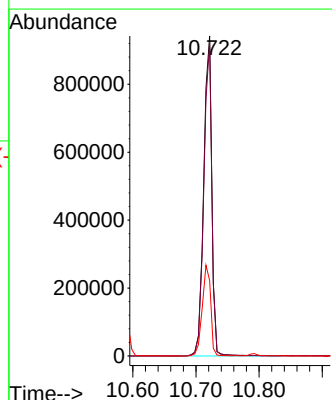
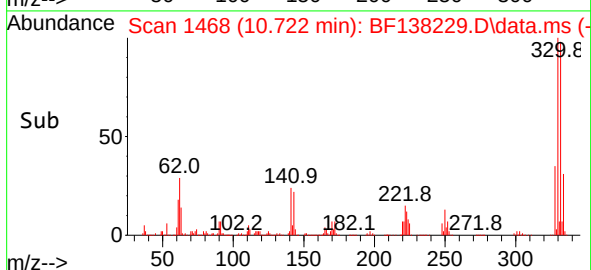
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

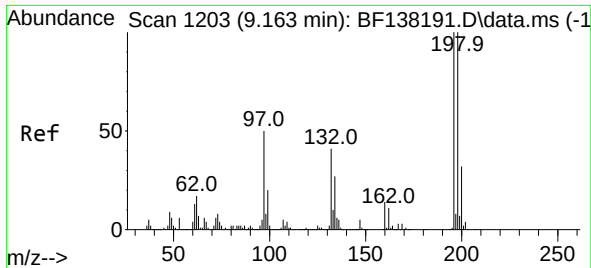


#42
2,4,6-Tribromophenol
Concen: 110.747 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



Tgt Ion:330 Resp: 837621
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 29.5 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 52.564 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

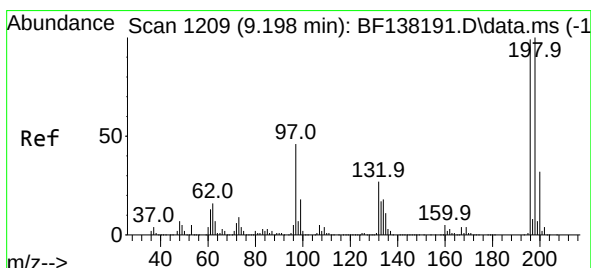
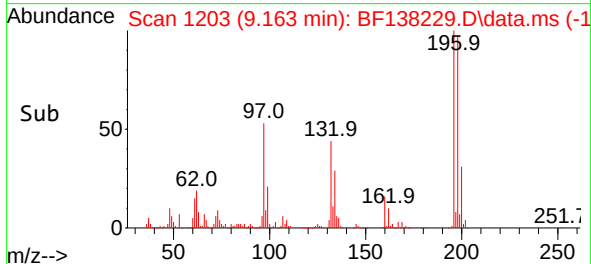
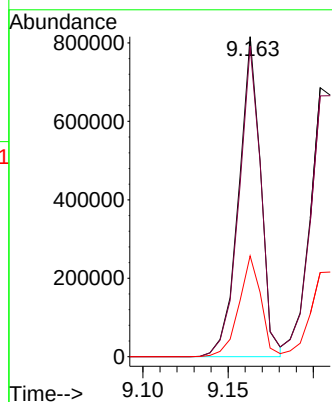
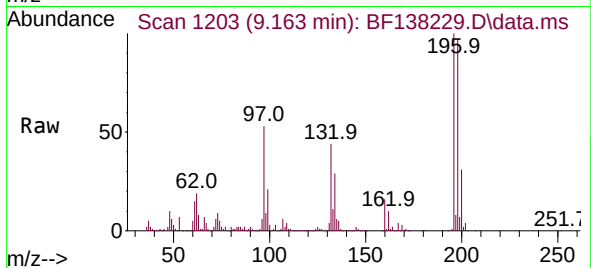
WC-NORTH-1MSD

Tgt Ion:196 Resp: 730700
Ion Ratio Lower Upper
196 100
198 97.0 79.8 119.6
200 31.5 25.9 38.9

Manual Integrations

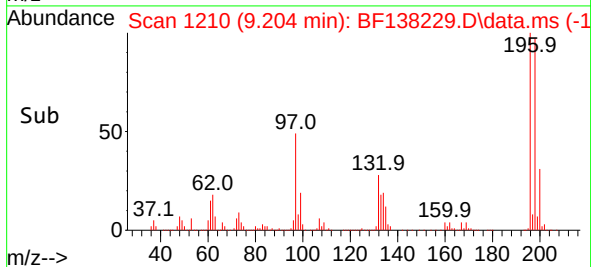
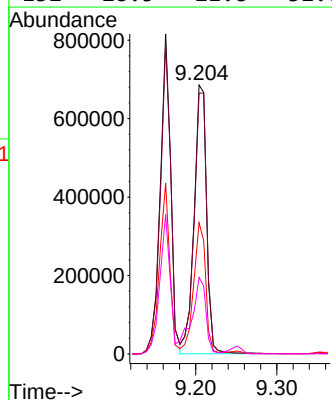
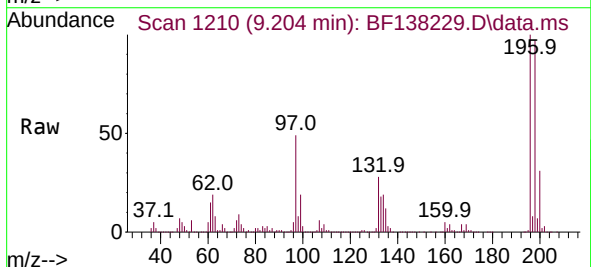
APPROVED

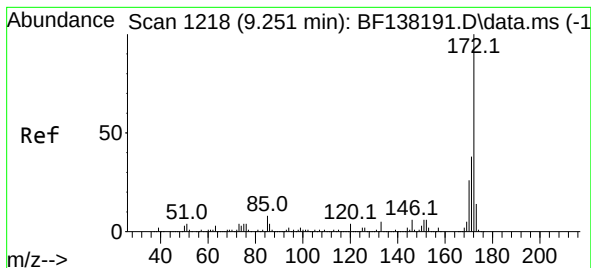
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#44
2,4,5-Trichlorophenol
Concen: 48.338 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion:196 Resp: 737929
Ion Ratio Lower Upper
196 100
198 97.0 80.4 120.6
97 48.7 37.4 56.2
132 28.5 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 84.430 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:172 Resp: 403390

Ion Ratio Lower Upper

172 100

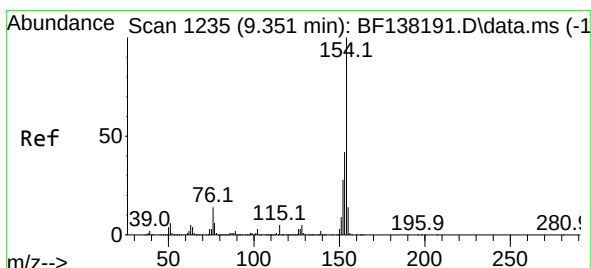
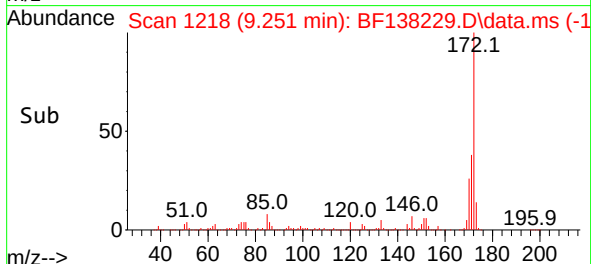
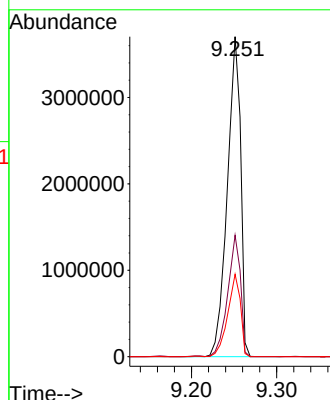
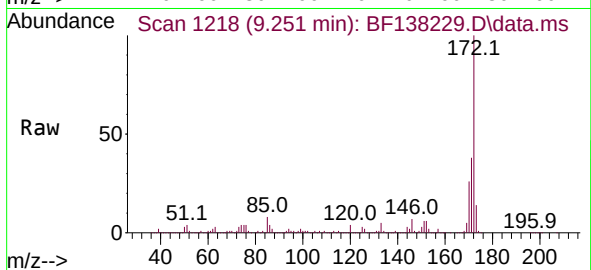
171 37.9 30.3 45.5

170 25.7 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#46

1,1'-Biphenyl

Concen: 46.063 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

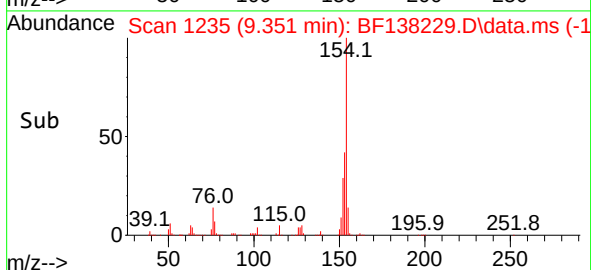
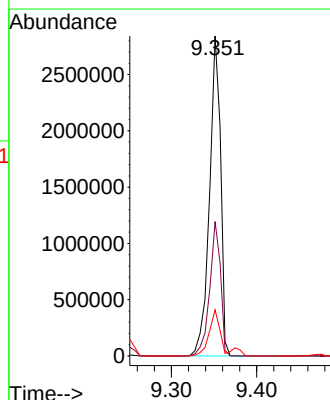
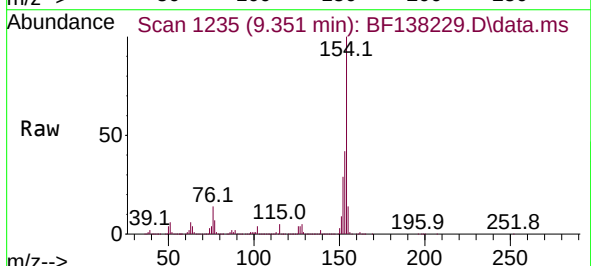
Tgt Ion:154 Resp: 2567943

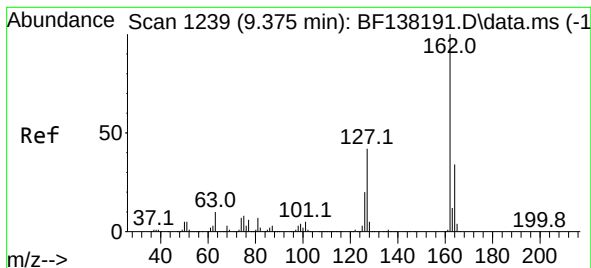
Ion Ratio Lower Upper

154 100

153 42.0 22.1 62.1

76 14.4 0.0 34.3





#47

2-Chloronaphthalene

Concen: 47.131 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:162 Resp: 2076550

Ion Ratio Lower Upper

162 100

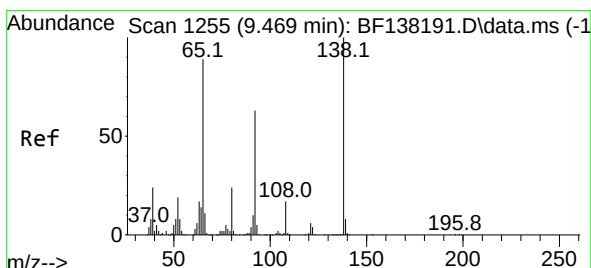
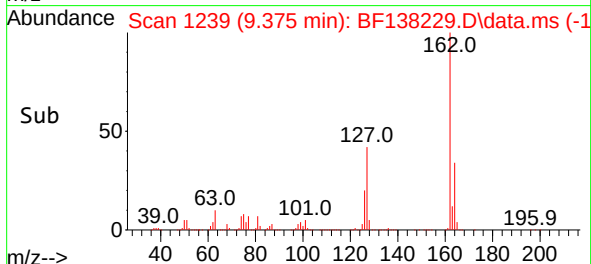
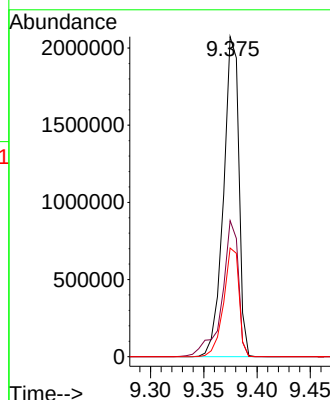
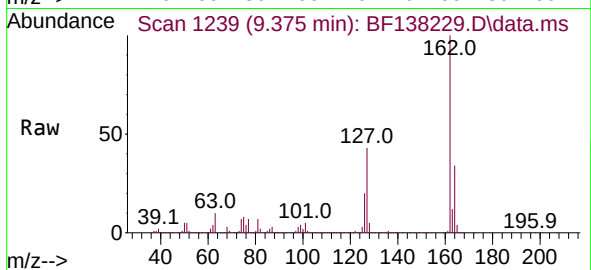
127 42.5 33.6 50.4

164 33.9 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#48

2-Nitroaniline

Concen: 54.476 ng

RT: 9.475 min Scan# 1256

Delta R.T. 0.006 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

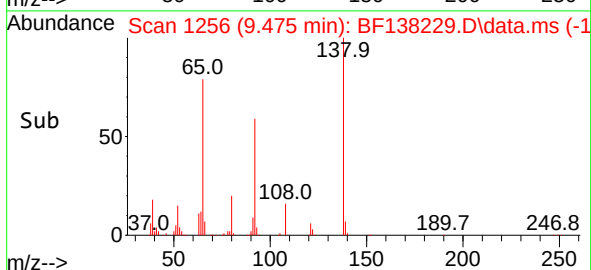
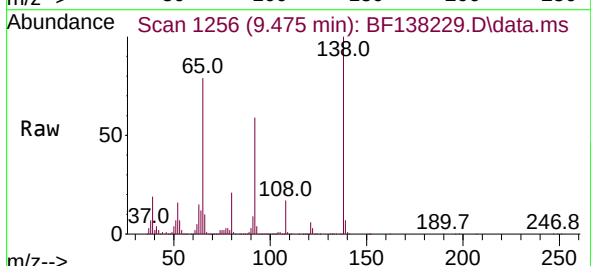
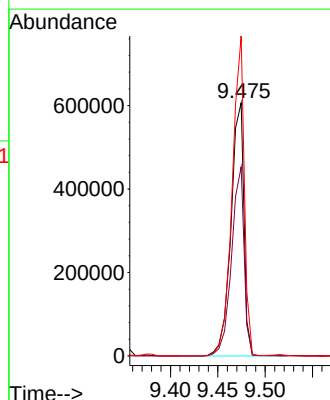
Tgt Ion: 65 Resp: 578014

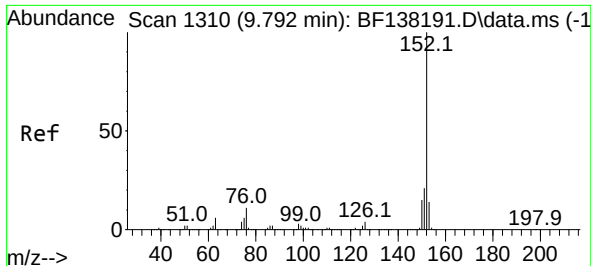
Ion Ratio Lower Upper

65 100

92 74.7 56.6 85.0

138 126.4 90.1 135.1





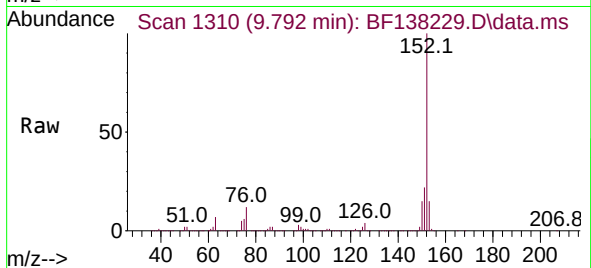
#49
Acenaphthylene
Concen: 50.204 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

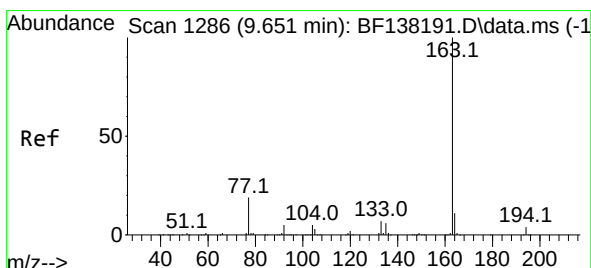
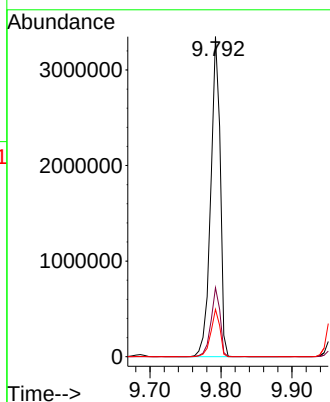
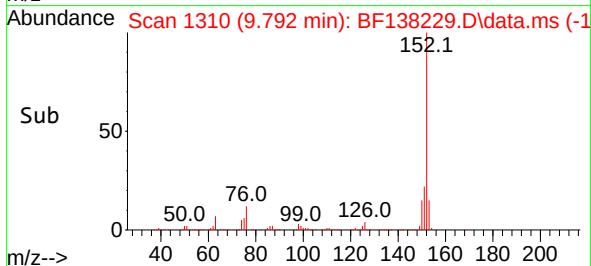


Tgt Ion:152 Resp: 310165
Ion Ratio Lower Upper
152 100
151 21.6 16.9 25.3
153 14.8 11.4 17.0

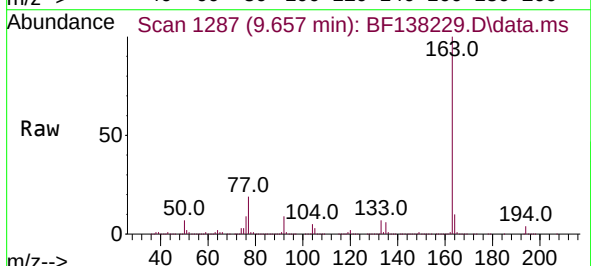
Manual Integrations

APPROVED

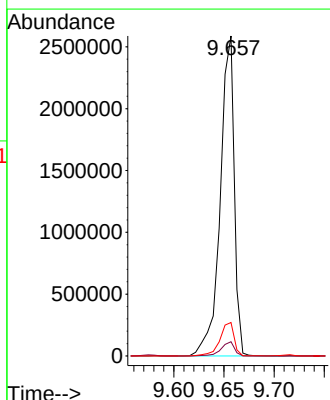
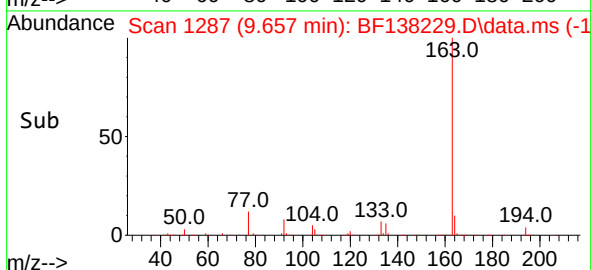
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

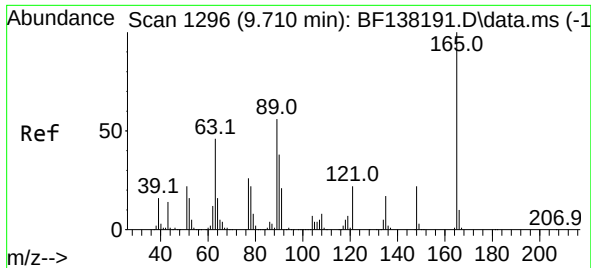


#50
Dimethylphthalate
Concen: 54.015 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



Tgt Ion:163 Resp: 2514383
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.5 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 54.792 ng
RT: 9.716 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

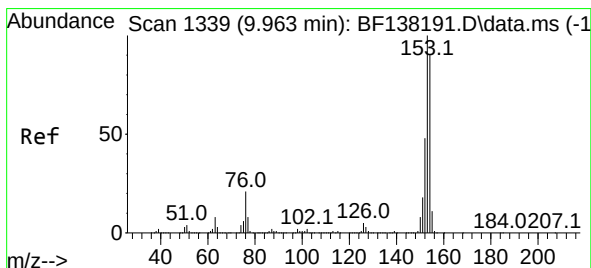
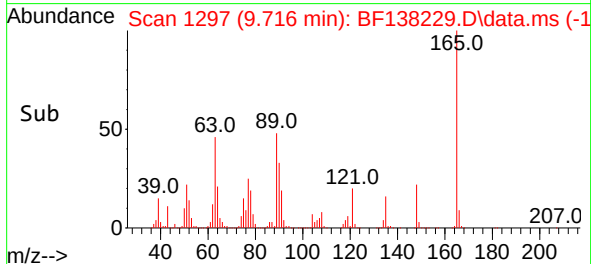
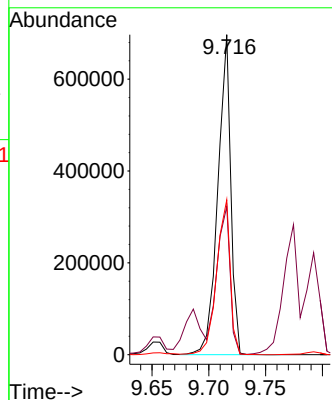
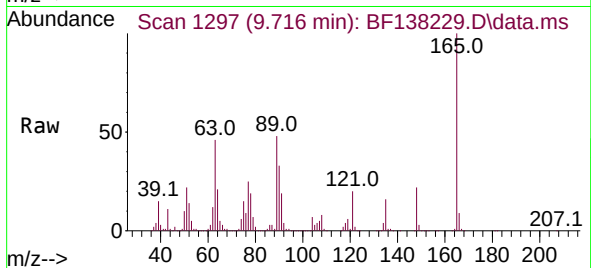
WC-NORTH-1MSD

Tgt Ion:165 Resp: 553318
Ion Ratio Lower Upper
165 100
63 46.3 43.7 65.5
89 48.4 44.9 67.3

Manual Integrations

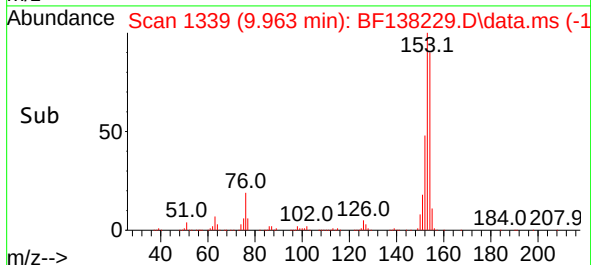
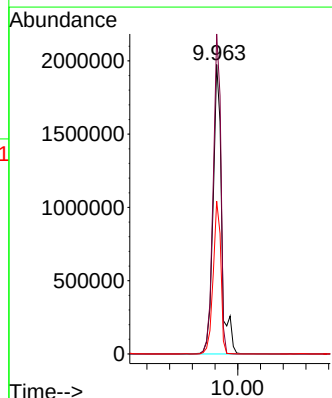
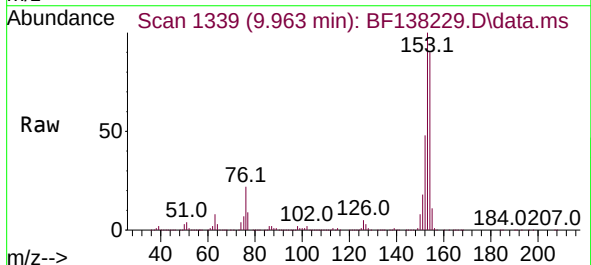
APPROVED

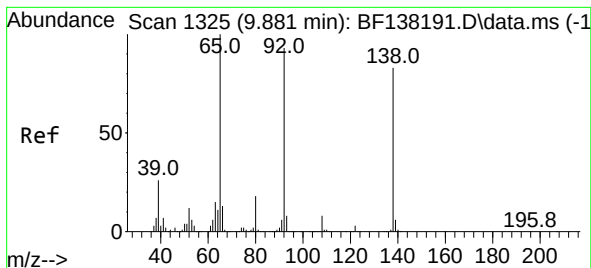
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#52
Acenaphthene
Concen: 48.573 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion:154 Resp: 2046288
Ion Ratio Lower Upper
154 100
153 110.5 89.1 133.7
152 52.8 42.4 63.6





#53
3-Nitroaniline
Concen: 25.665 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

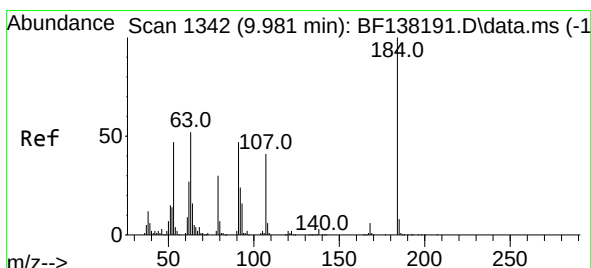
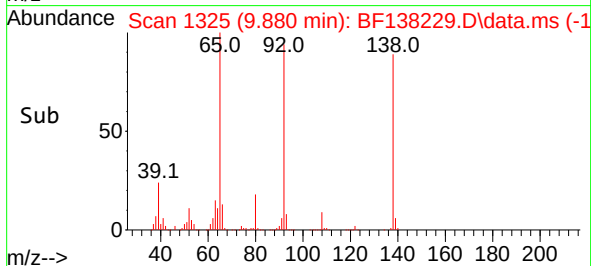
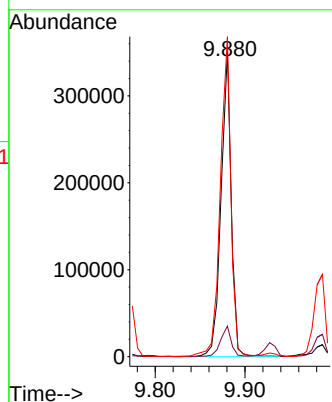
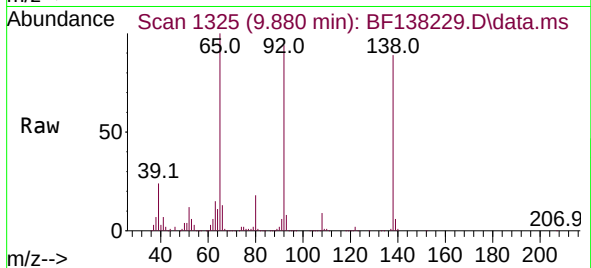
WC-NORTH-1MSD

Tgt Ion:138 Resp: 276870
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 104.9 90.0 135.0

Manual Integrations

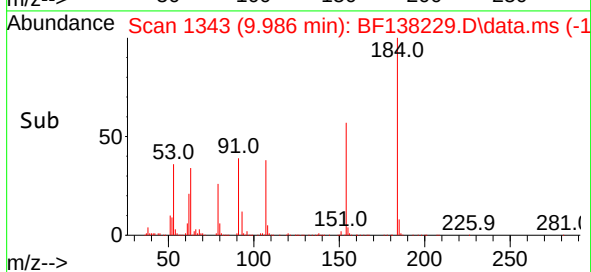
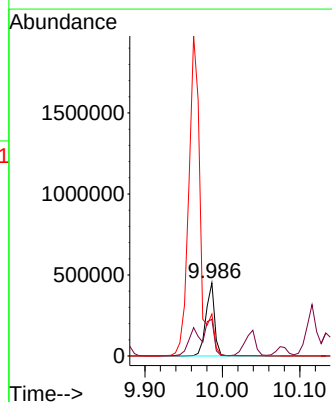
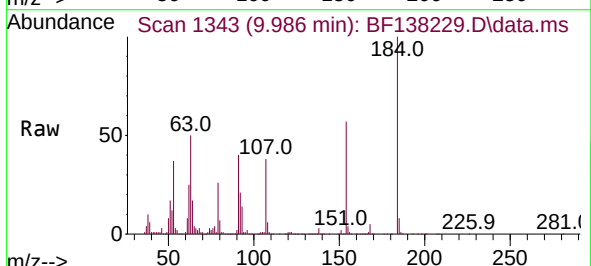
APPROVED

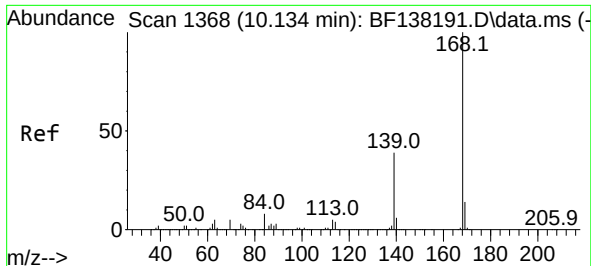
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#54
2,4-Dinitrophenol
Concen: 71.460 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

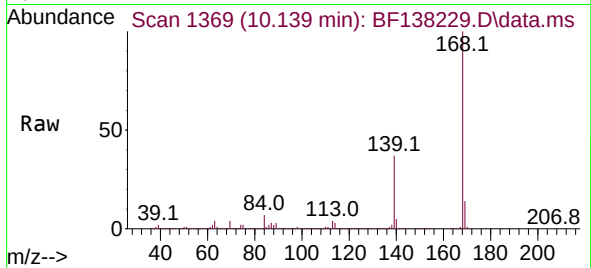
Tgt Ion:184 Resp: 351193
Ion Ratio Lower Upper
184 100
63 50.1 49.2 73.8
154 57.2 46.7 70.1





#55
Dibenzenofuran
Concen: 45.773 ng
RT: 10.139 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

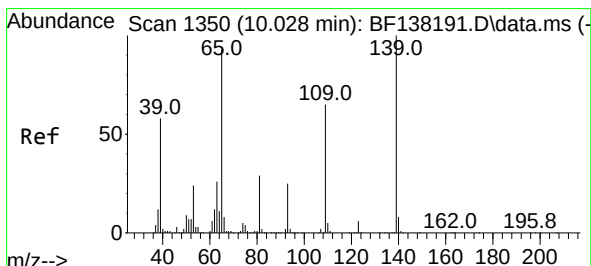
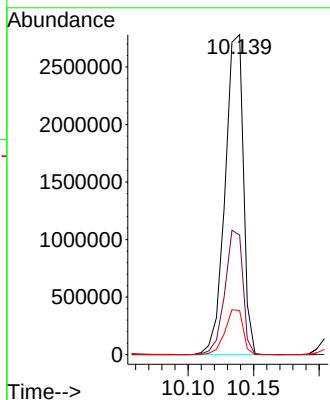
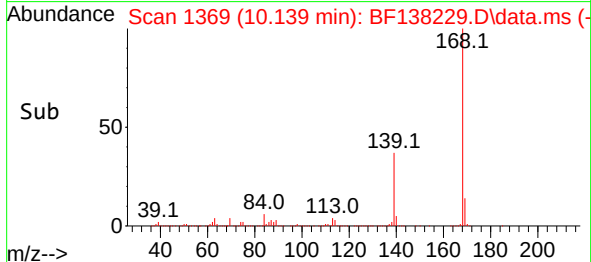
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



Tgt Ion:168 Resp: 2695690
Ion Ratio Lower Upper
168 100
139 37.3 31.0 46.4
169 13.8 11.4 17.0

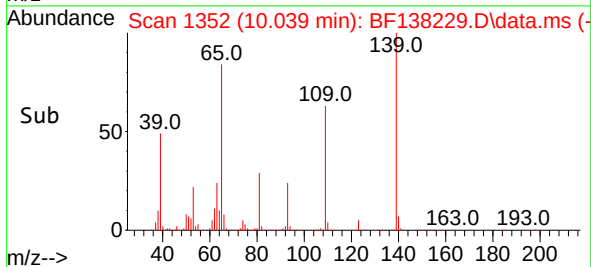
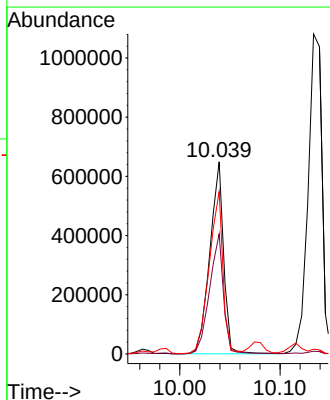
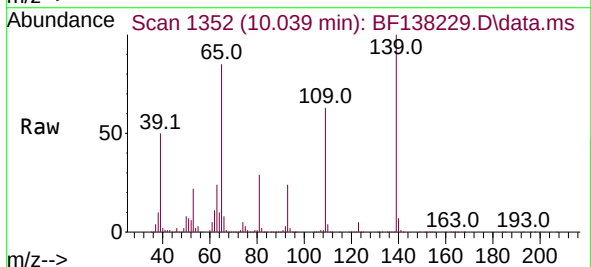
Manual Integrations
APPROVED

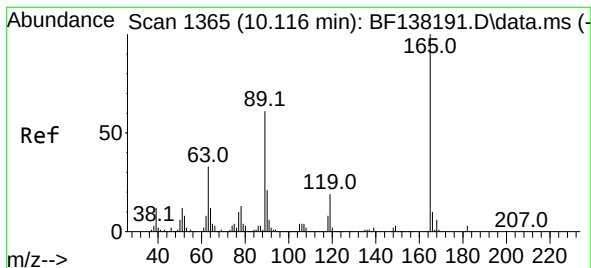
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#56
4-Nitrophenol
Concen: 73.048 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.012 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion:139 Resp: 622759
Ion Ratio Lower Upper
139 100
109 62.6 44.6 84.6
65 84.5 73.1 113.1





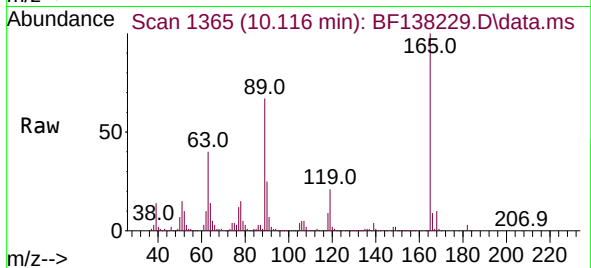
#57
2,4-Dinitrotoluene
Concen: 54.273 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

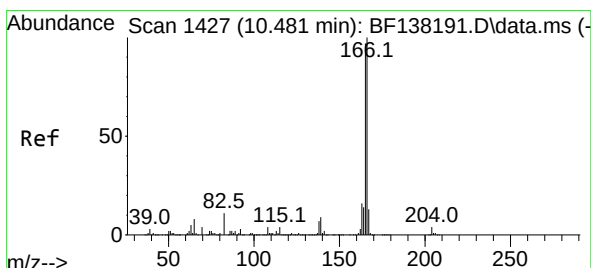
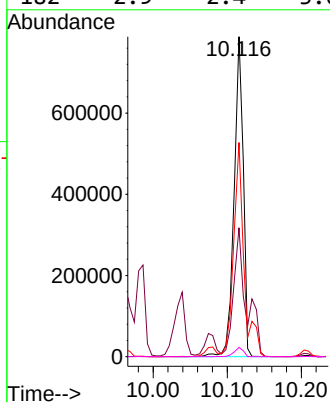
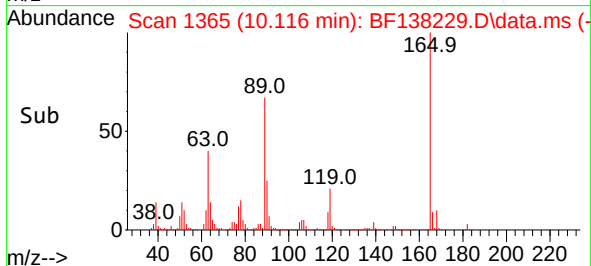


Tgt Ion:165 Resp: 675990
Ion Ratio Lower Upper
165 100
63 40.3 26.6 39.8
89 67.0 48.7 73.1
182 2.9 2.4 3.6

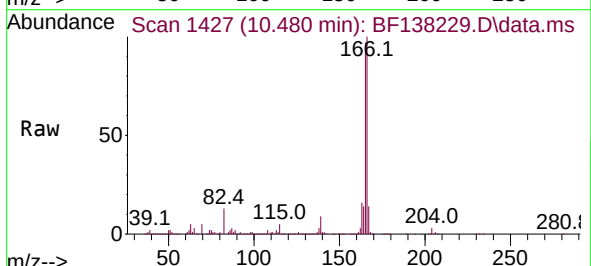
Manual Integrations

APPROVED

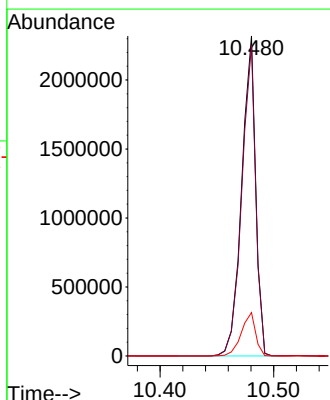
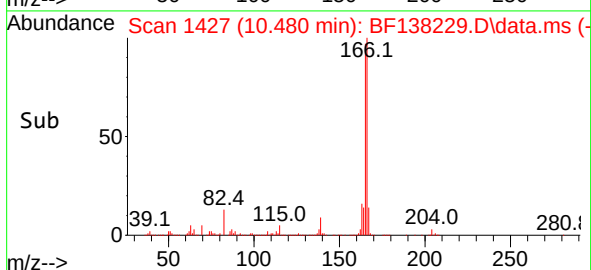
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

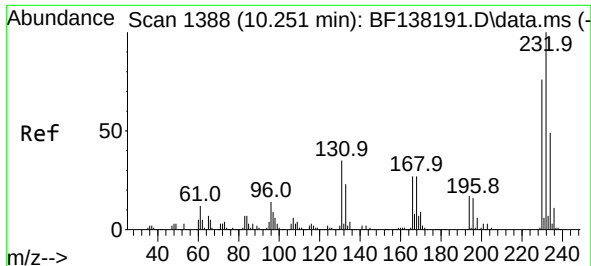


#58
Fluorene
Concen: 42.857 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



Tgt Ion:166 Resp: 1984479
Ion Ratio Lower Upper
166 100
165 97.2 77.9 116.9
167 13.6 10.7 16.1





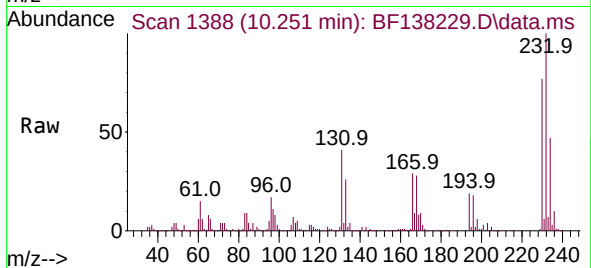
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.157 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

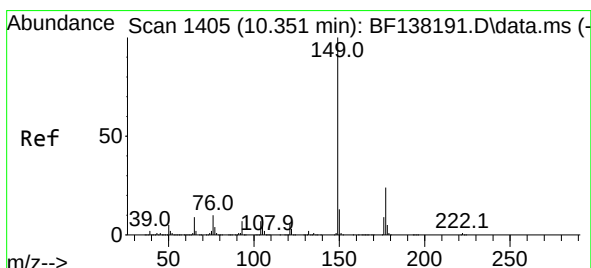
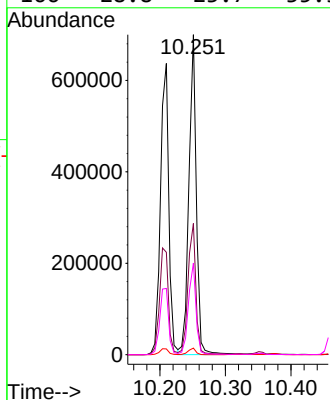
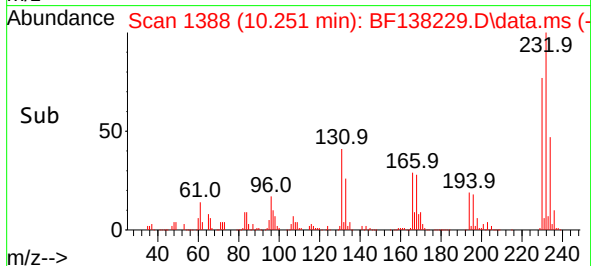


Tgt Ion:232 Resp: 55068
Ion Ratio Lower Upper
232 100
131 42.5 33.6 50.4
130 2.1 1.7 2.5
166 28.8 23.7 35.5

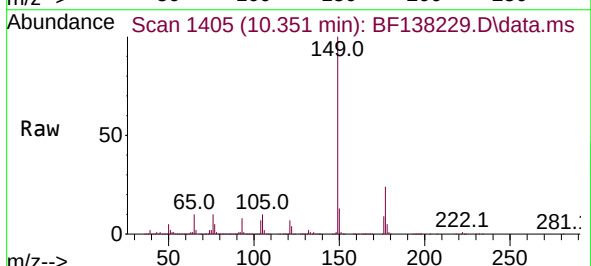
Manual Integrations

APPROVED

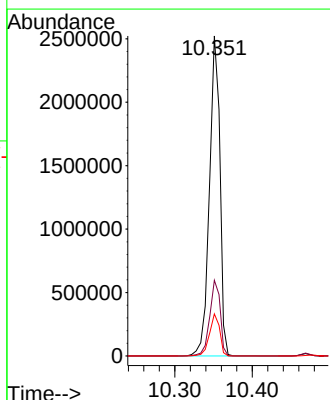
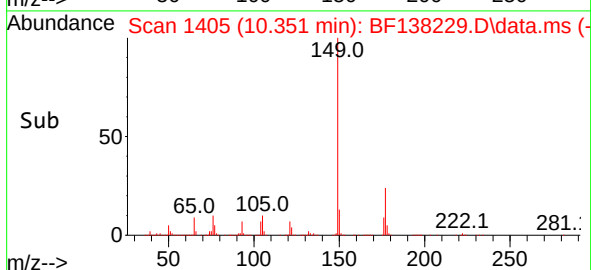
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

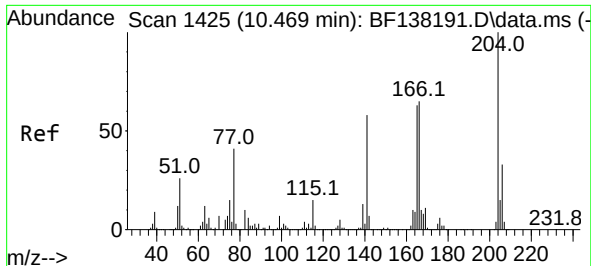


#60
Diethylphthalate
Concen: 53.518 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



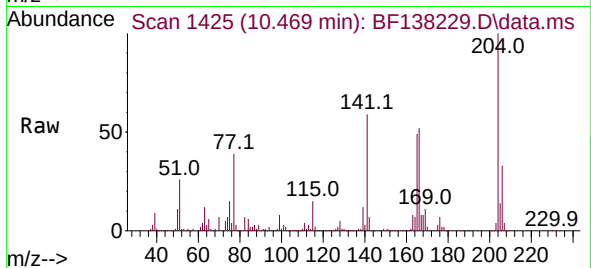
Tgt Ion:149 Resp: 2364428
Ion Ratio Lower Upper
149 100
177 23.6 19.4 29.0
150 13.2 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.437 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

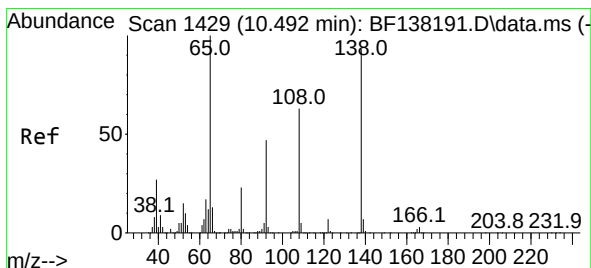
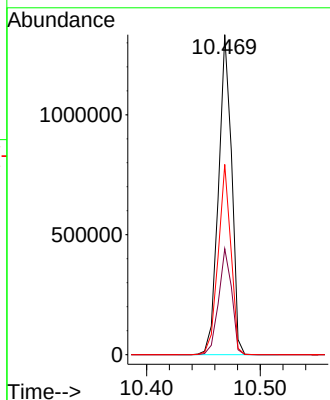
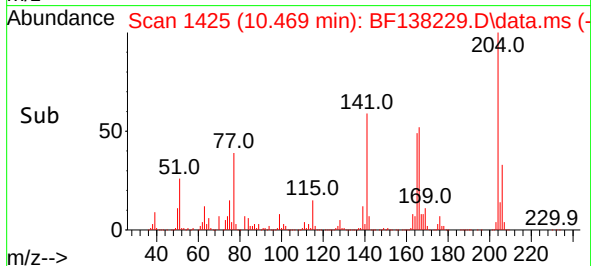
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



Tgt Ion:204 Resp: 107090
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 59.5 46.3 69.5

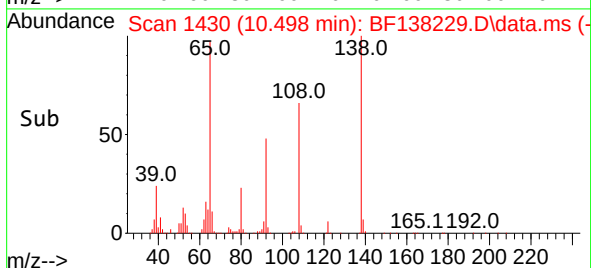
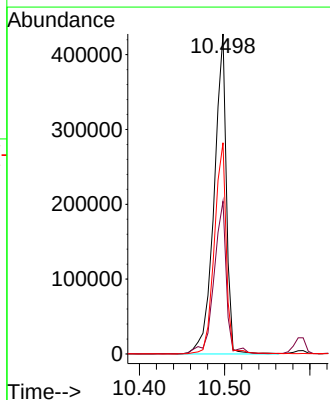
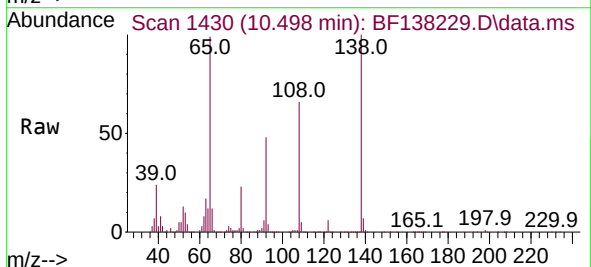
Manual Integrations
APPROVED

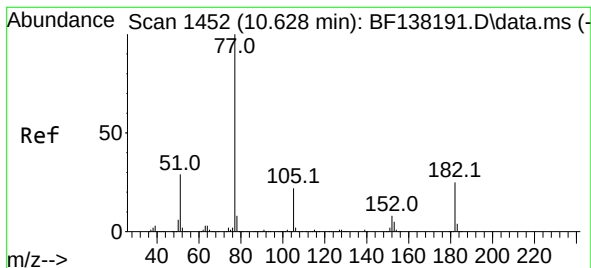
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#62
4-Nitroaniline
Concen: 39.618 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion:138 Resp: 427042
Ion Ratio Lower Upper
138 100
92 47.7 30.9 70.9
108 66.0 47.8 87.8





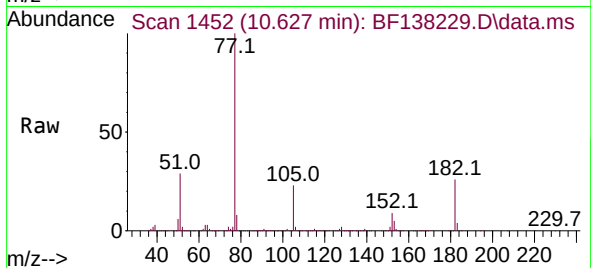
#63
Azobenzene
Concen: 46.922 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

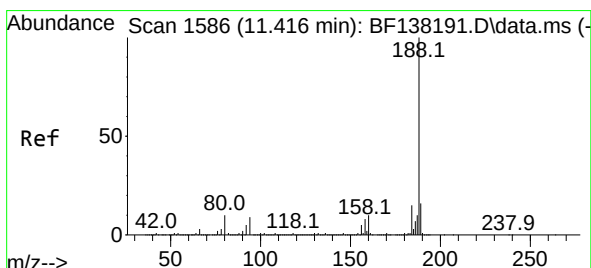
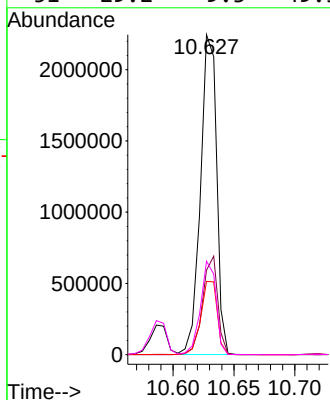
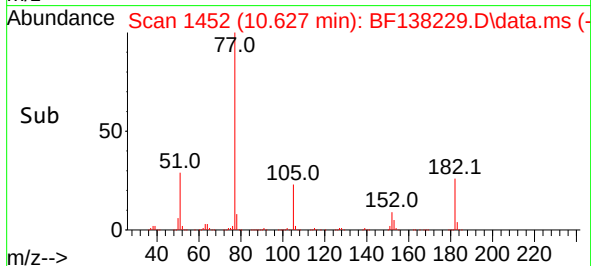


Tgt Ion: 77 Resp: 207682
Ion Ratio Lower Upper
77 100
182 26.4 5.5 45.5
105 22.9 1.8 41.8
51 29.2 9.3 49.3

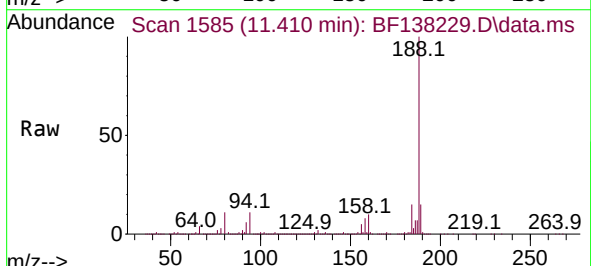
Manual Integrations

APPROVED

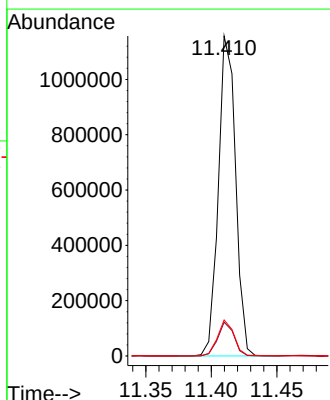
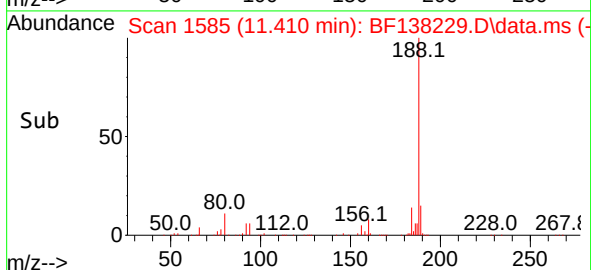
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

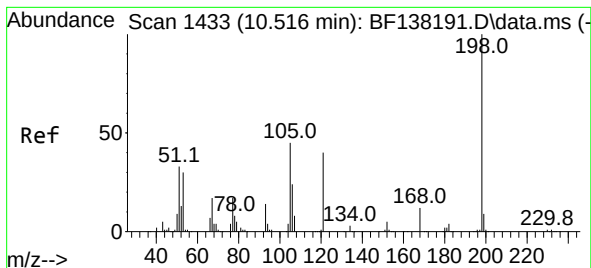


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



Tgt Ion:188 Resp: 1053914
Ion Ratio Lower Upper
188 100
94 10.6 7.6 11.4
80 11.3 8.1 12.1





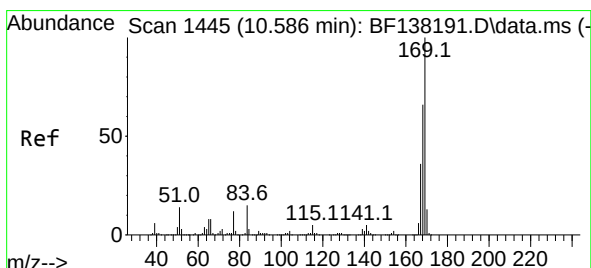
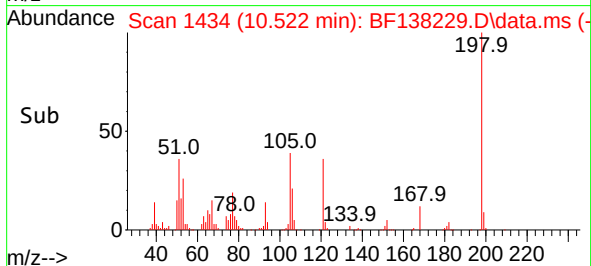
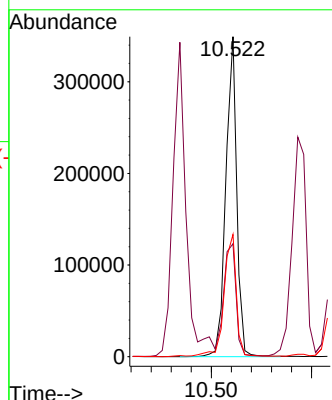
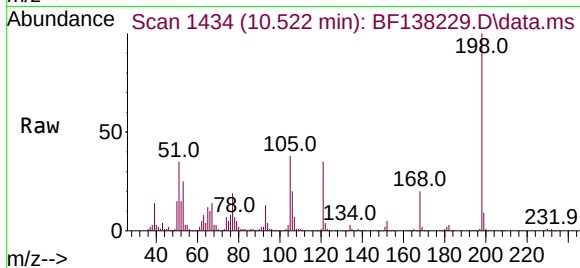
#65
4,6-Dinitro-2-methylphenol
Concen: 48.789 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD

Tgt Ion:198 Resp: 262732
Ion Ratio Lower Upper
198 100
51 35.3 26.9 66.9
105 38.2 26.0 66.0

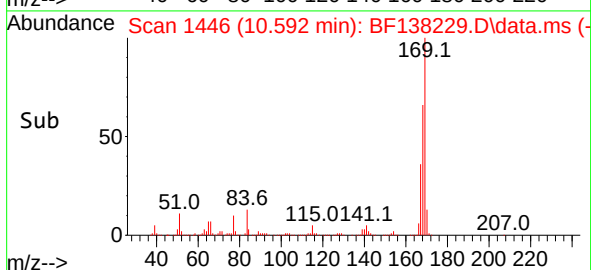
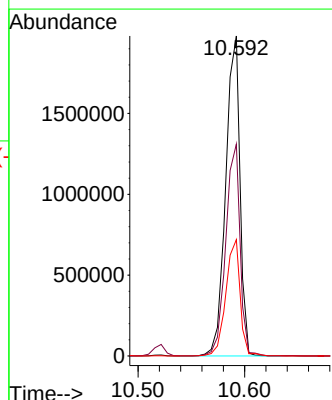
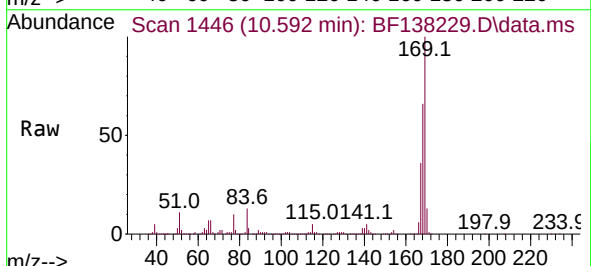
Manual Integrations
APPROVED

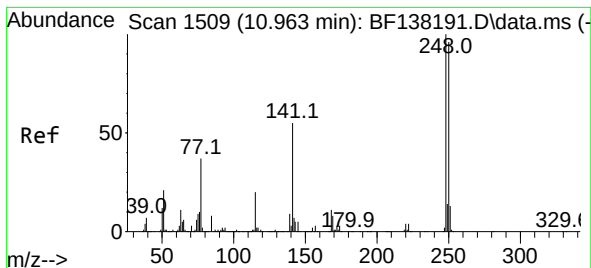
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#66
n-Nitrosodiphenylamine
Concen: 57.003 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion:169 Resp: 1839252
Ion Ratio Lower Upper
169 100
168 66.2 52.9 79.3
167 36.3 29.0 43.6





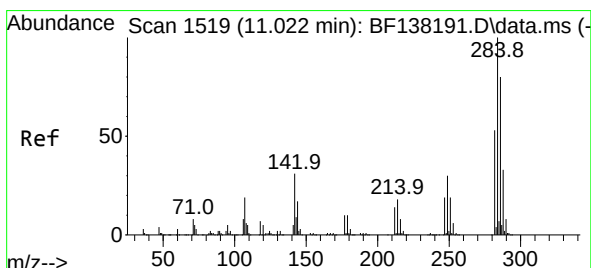
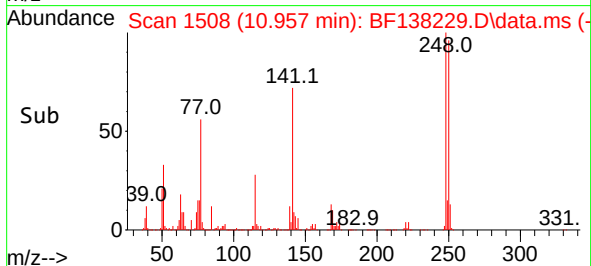
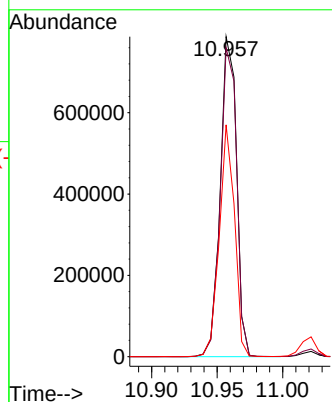
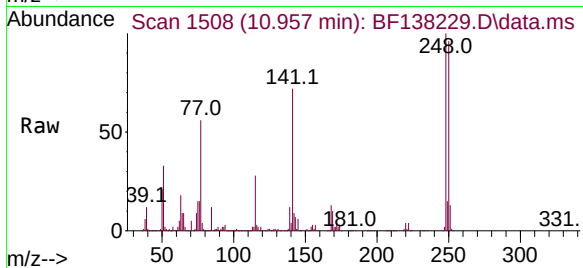
#67
4-Bromophenyl-phenylether
Concen: 57.089 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD

Tgt Ion:248 Resp: 677979
Ion Ratio Lower Upper
248 100
250 96.5 77.2 115.8
141 72.5 44.1 66.1

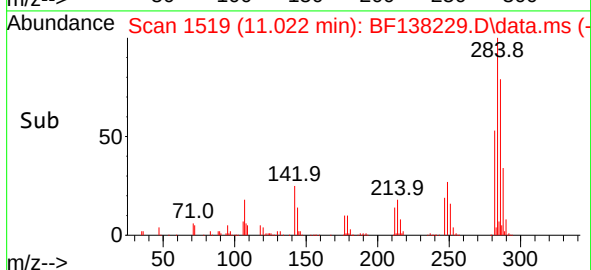
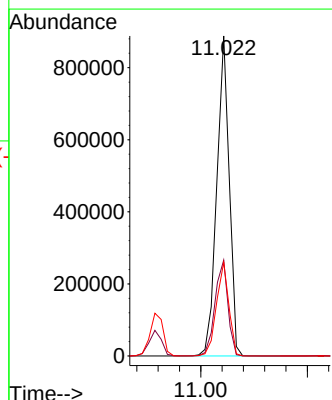
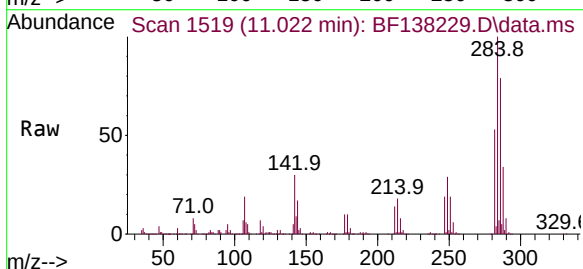
Manual Integrations
APPROVED

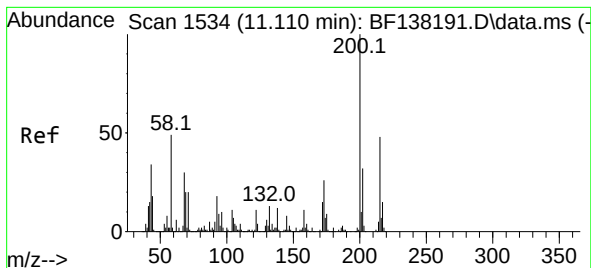
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#68
Hexachlorobenzene
Concen: 51.659 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion:284 Resp: 715943
Ion Ratio Lower Upper
284 100
142 30.0 24.8 37.2
249 29.3 23.8 35.6





#69

Atrazine

Concen: 57.680 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:200 Resp: 53009

Ion Ratio Lower Upper

200 100

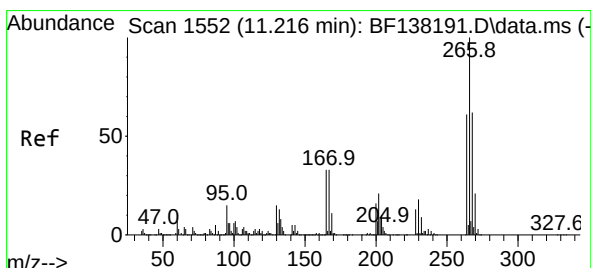
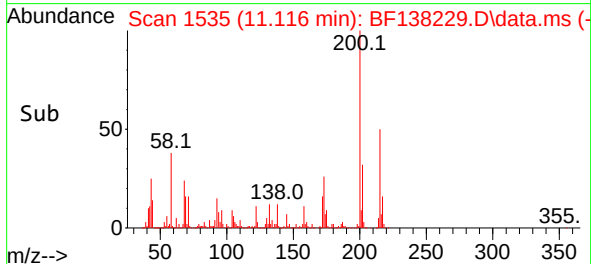
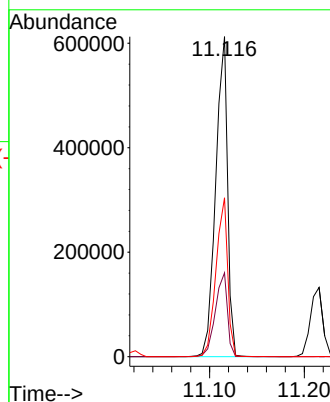
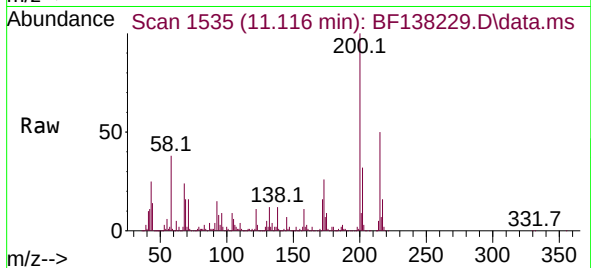
173 26.2 6.3 46.3

215 49.7 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#70

Pentachlorophenol

Concen: 87.945 ng

RT: 11.216 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

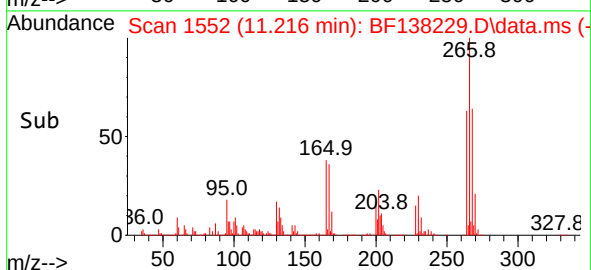
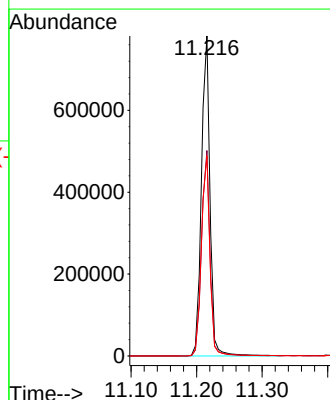
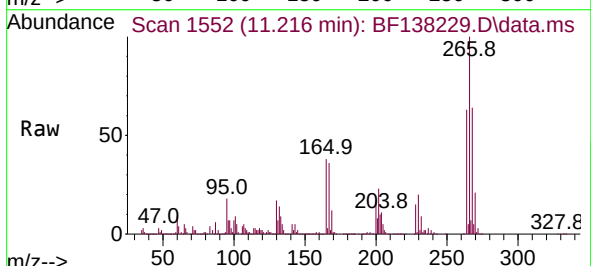
Tgt Ion:266 Resp: 710831

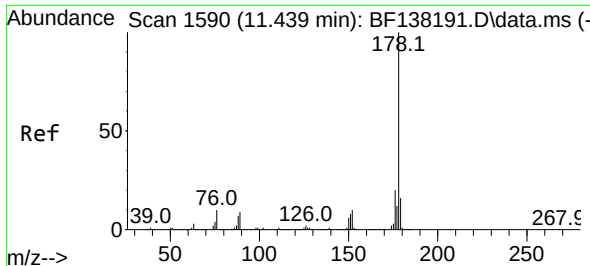
Ion Ratio Lower Upper

266 100

268 64.2 49.5 74.3

264 62.6 49.2 73.8





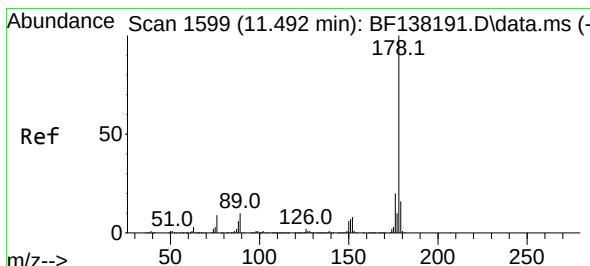
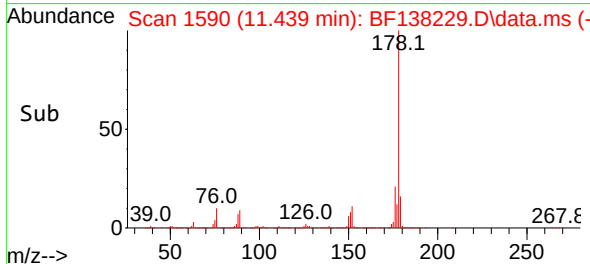
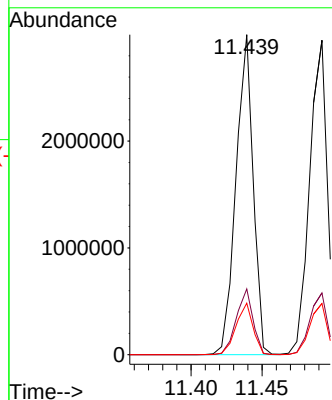
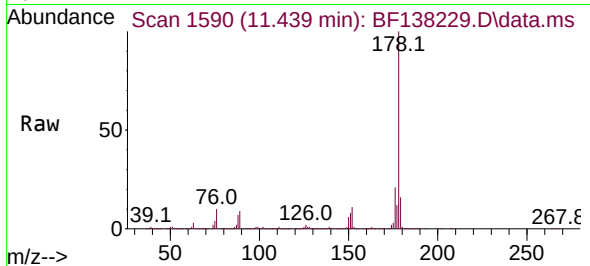
#71
Phenanthrene
Concen: 48.463 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD

Tgt Ion:178 Resp: 252588
Ion Ratio Lower Upper
178 100
176 20.5 16.4 24.6
179 16.1 13.1 19.7

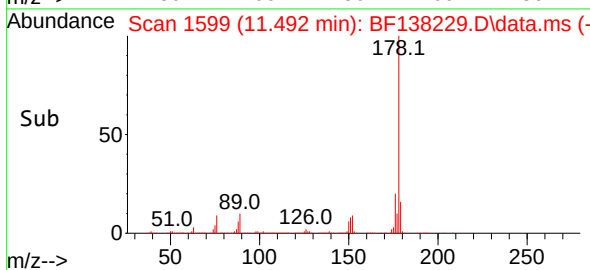
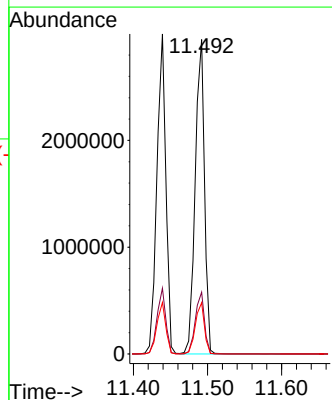
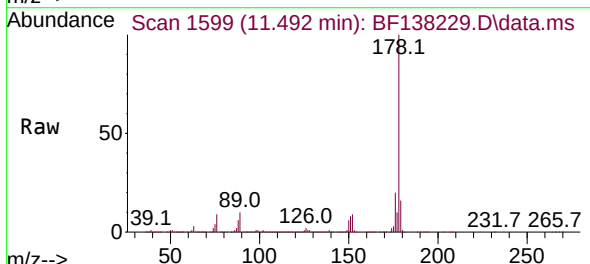
Manual Integrations
APPROVED

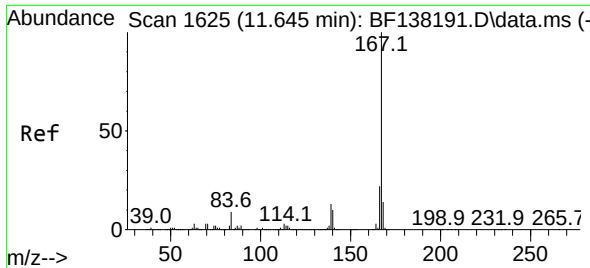
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#72
Anthracene
Concen: 49.565 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion:178 Resp: 2564868
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 16.3 13.0 19.6





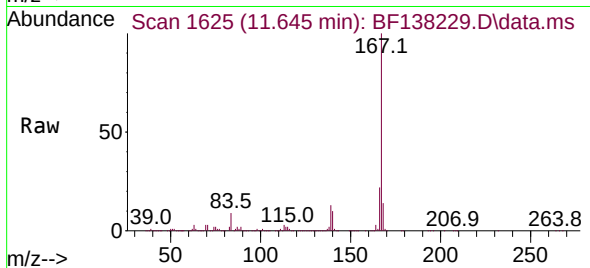
#73
 Carbazole
 Concen: 43.908 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF138229.D
 Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

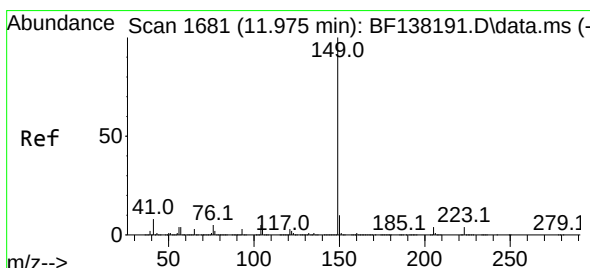
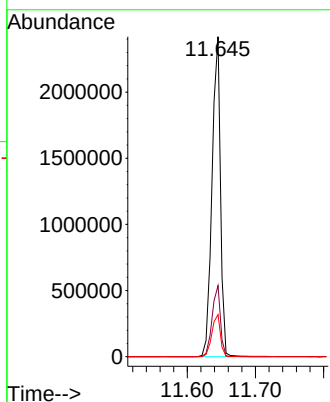
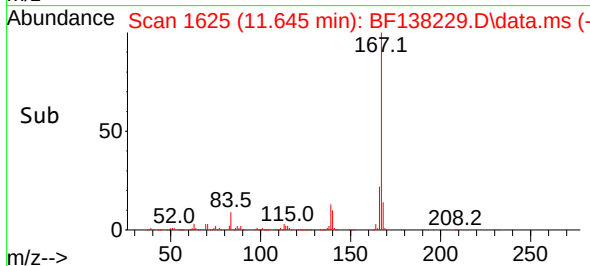


Tgt Ion:167 Resp: 2083952
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 13.1 10.6 16.0

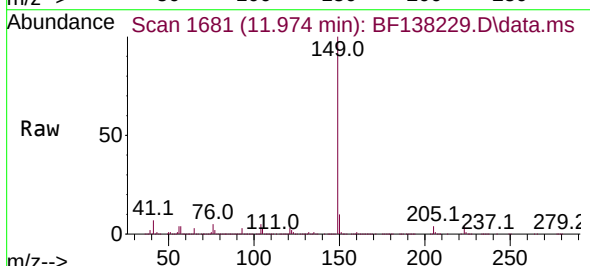
Manual Integrations

APPROVED

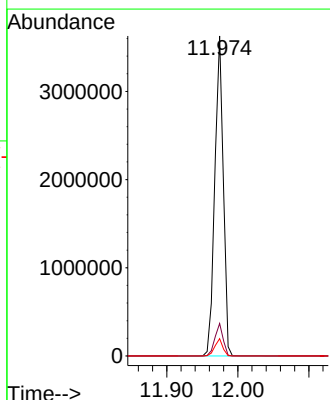
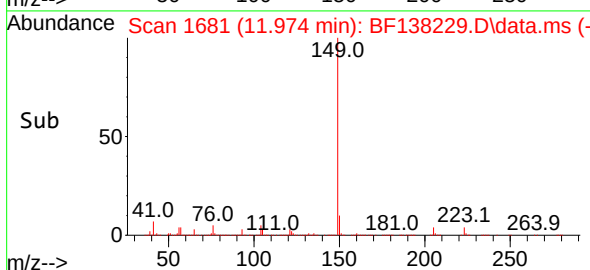
Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

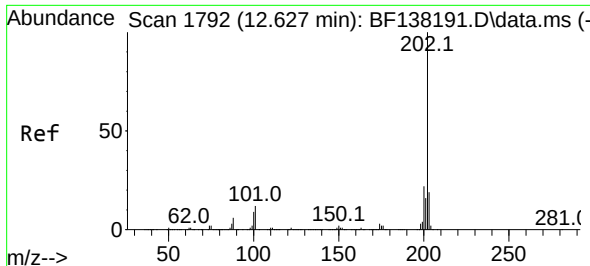


#74
 Di-n-butylphthalate
 Concen: 61.226 ng
 RT: 11.974 min Scan# 1681
 Delta R.T. -0.000 min
 Lab File: BF138229.D
 Acq: 18 Jun 2024 17:29



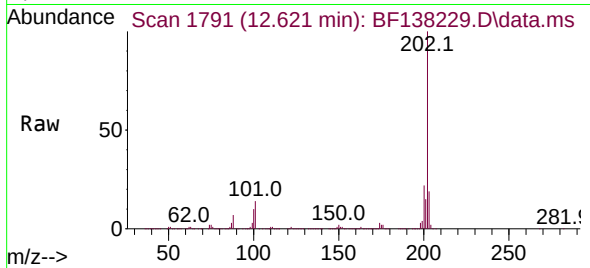
Tgt Ion:149 Resp: 3008350
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.2 12.2
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 44.223 ng
RT: 12.621 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

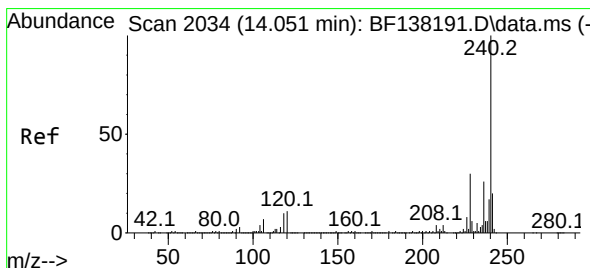
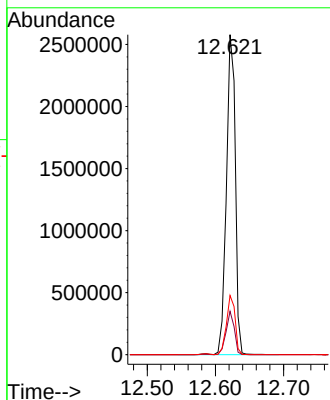
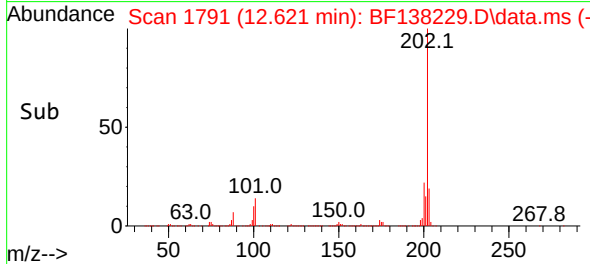
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



Tgt Ion:202 Resp: 235032
Ion Ratio Lower Upper
202 100
101 13.6 0.0 31.8
203 18.5 0.0 38.6

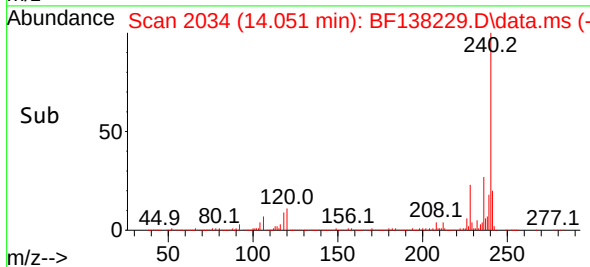
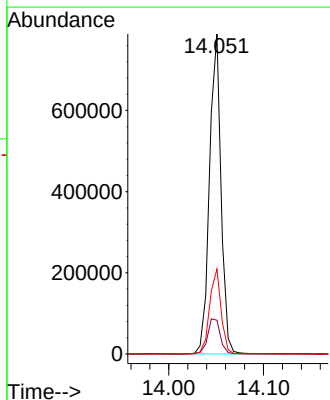
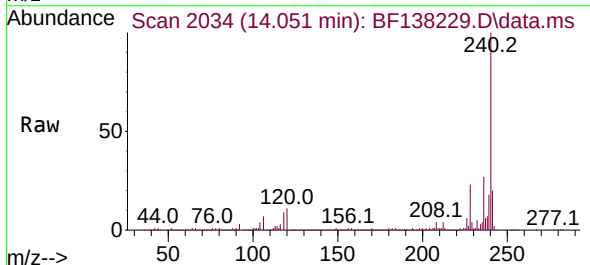
Manual Integrations
APPROVED

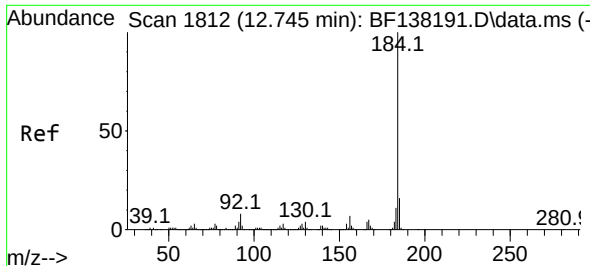
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion:240 Resp: 662766
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 26.6 21.0 31.6





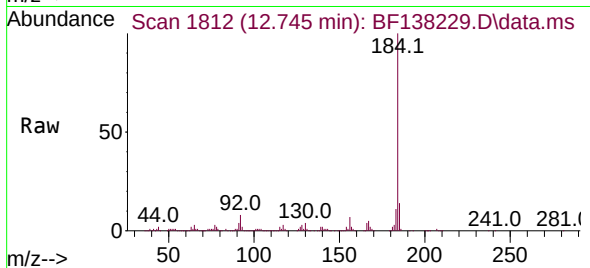
#77
Benzidine
Concen: 32.496 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

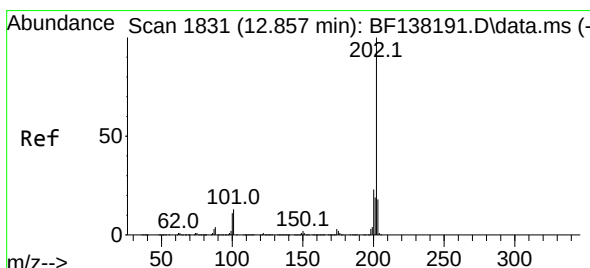
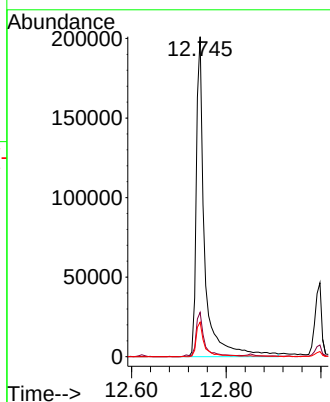
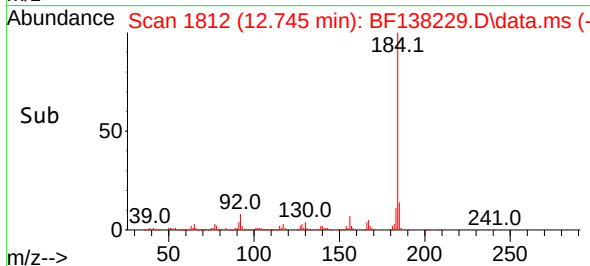


Tgt Ion:184 Resp: 24911
Ion Ratio Lower Upper
184 100
185 13.8 12.6 19.0
183 10.8 9.0 13.6

Manual Integrations

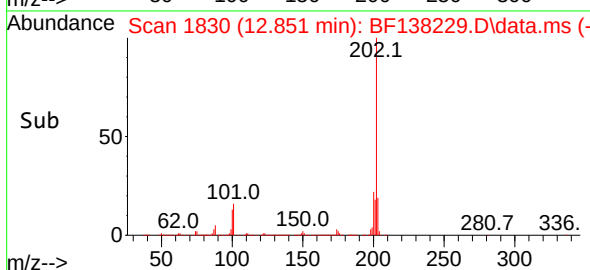
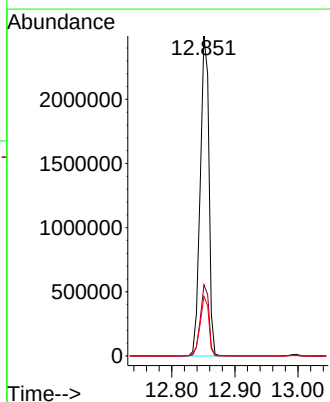
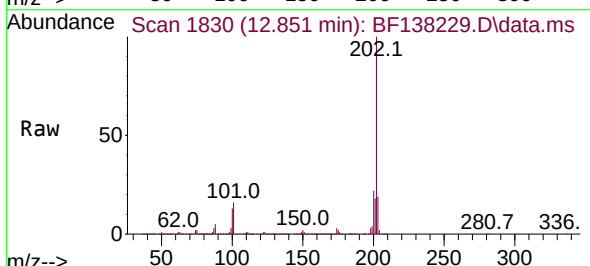
APPROVED

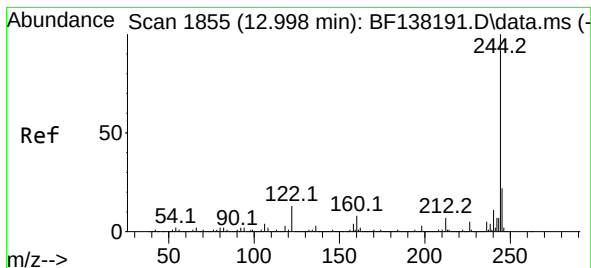
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#78
Pyrene
Concen: 41.575 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion:202 Resp: 2376740
Ion Ratio Lower Upper
202 100
200 22.3 18.0 27.0
203 18.6 14.7 22.1





#79

Terphenyl-d14

Concen: 77.522 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138229.D

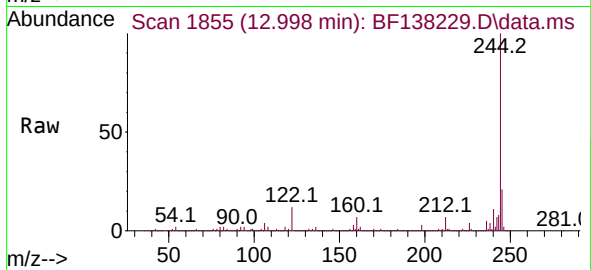
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD



Tgt Ion:244 Resp: 3243984

Ion Ratio Lower Upper

244 100

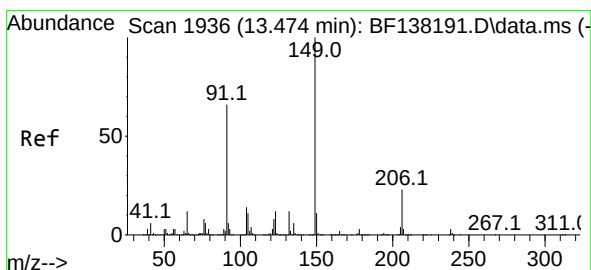
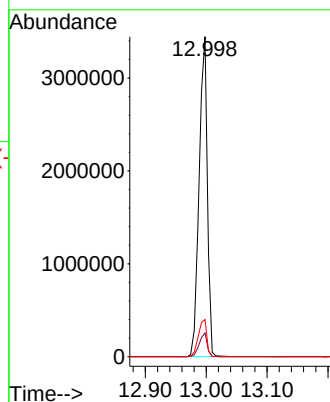
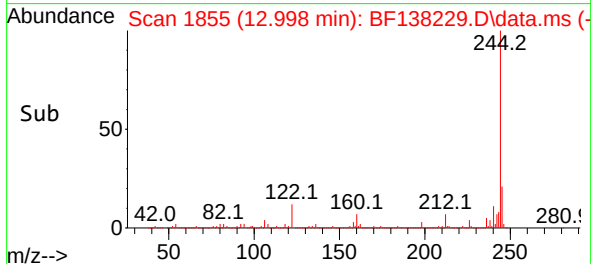
212 7.4 5.9 8.9

122 11.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#80

Butylbenzylphthalate

Concen: 67.423 ng

RT: 13.468 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

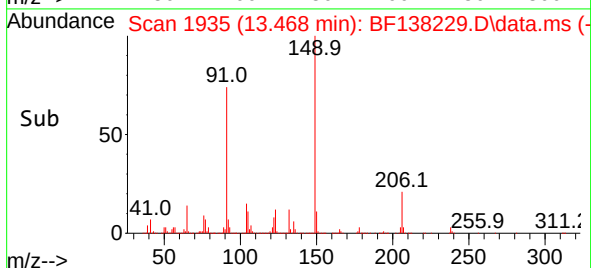
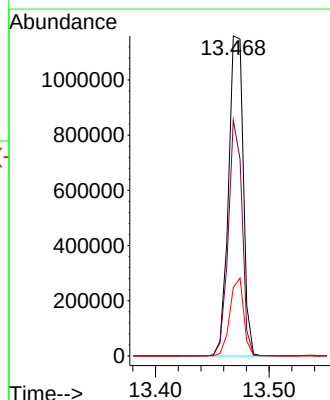
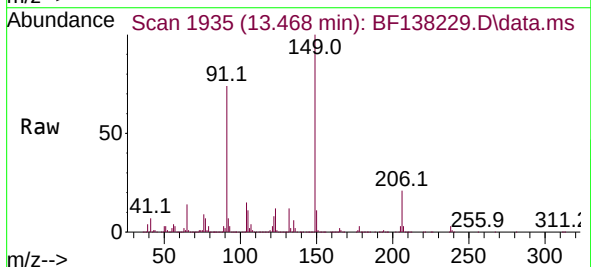
Tgt Ion:149 Resp: 1048425

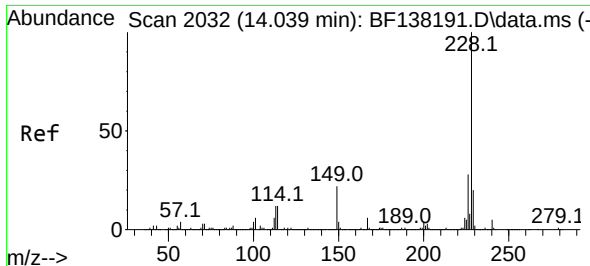
Ion Ratio Lower Upper

149 100

91 73.7 53.2 79.8

206 21.4 18.6 27.8





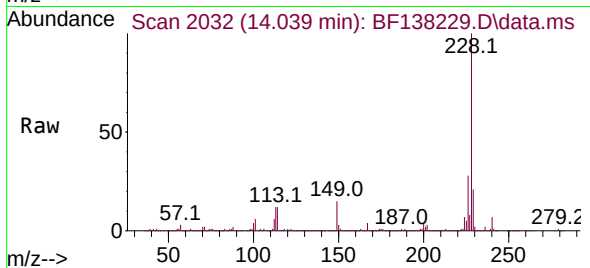
#81
Benzo(a)anthracene
Concen: 50.041 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

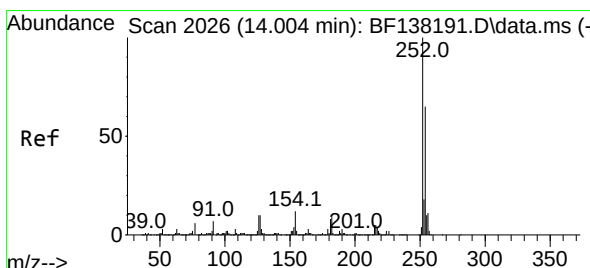
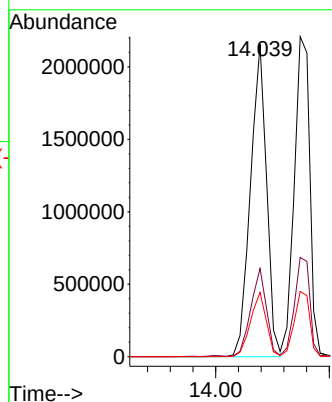
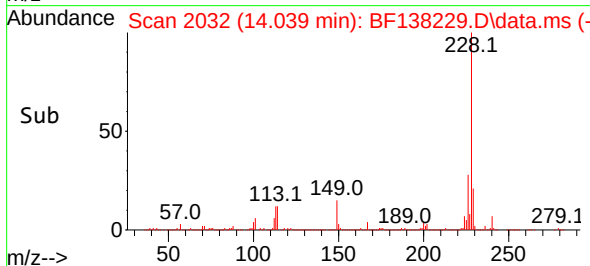


Tgt Ion:228 Resp: 212774
Ion Ratio Lower Upper
228 100
226 28.2 22.5 33.7
229 20.6 16.3 24.5

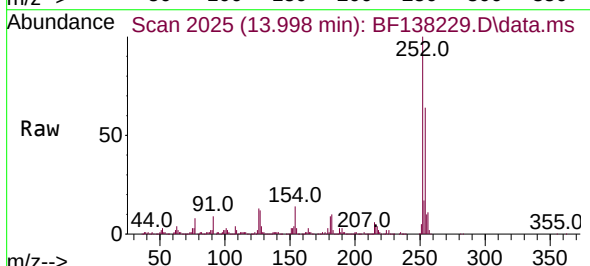
Manual Integrations

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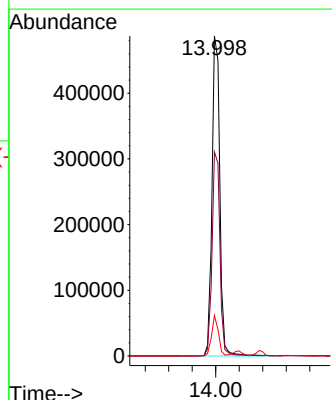
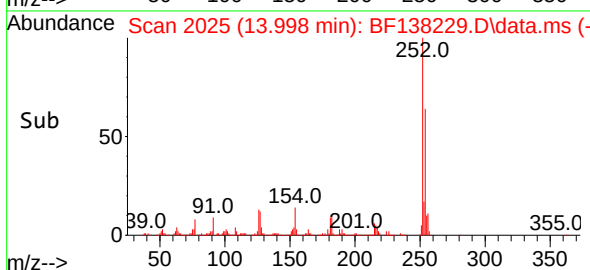
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

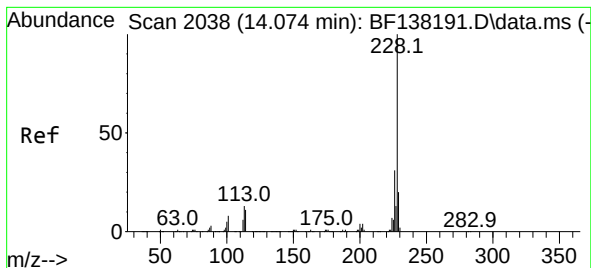


#82
3,3'-Dichlorobenzidine
Concen: 38.274 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



Tgt Ion:252 Resp: 448156
Ion Ratio Lower Upper
252 100
254 63.7 51.8 77.6
126 12.6 8.3 12.5#





#83

Chrysene

Concen: 51.790 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:228 Resp: 2098978

Ion Ratio Lower Upper

228 100

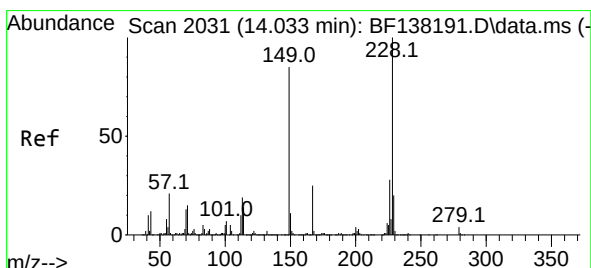
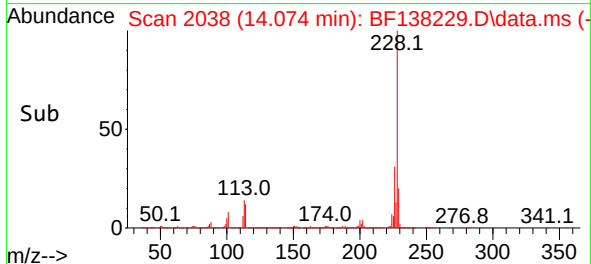
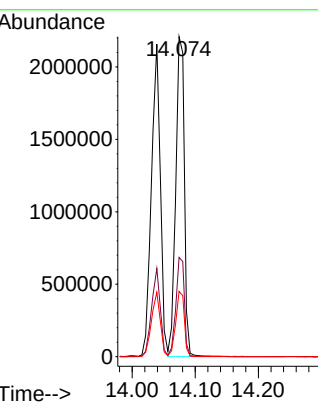
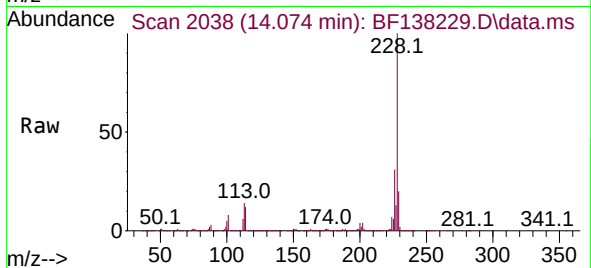
226 31.0 24.5 36.7

229 20.4 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 82.374 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

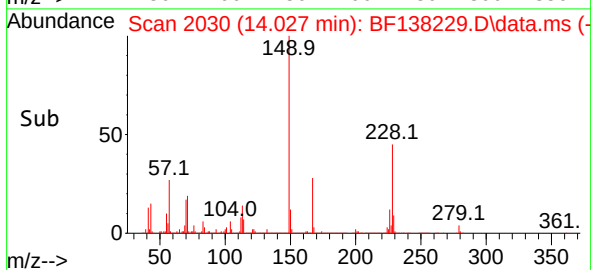
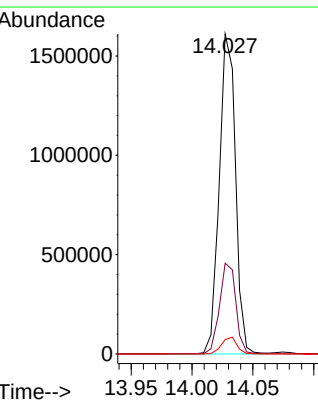
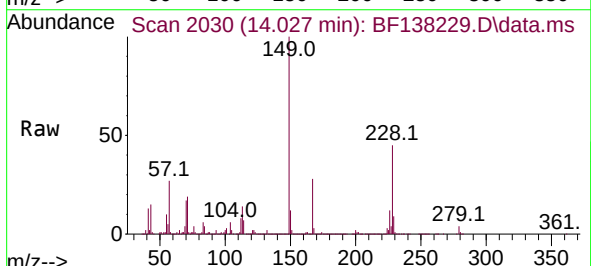
Tgt Ion:149 Resp: 1489782

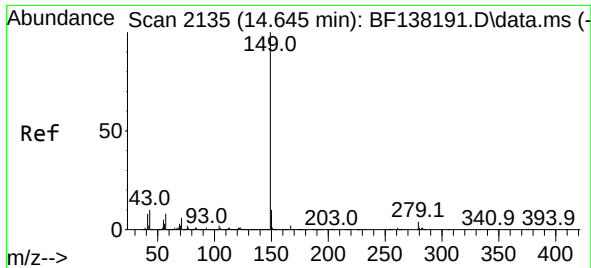
Ion Ratio Lower Upper

149 100

167 28.4 23.5 35.3

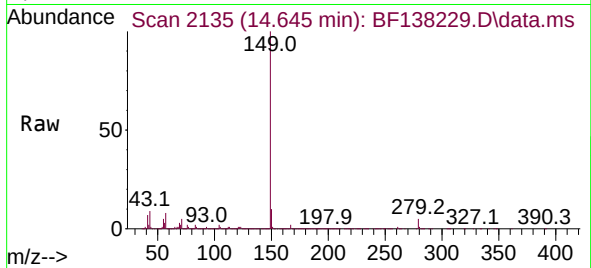
279 4.5 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 95.845 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

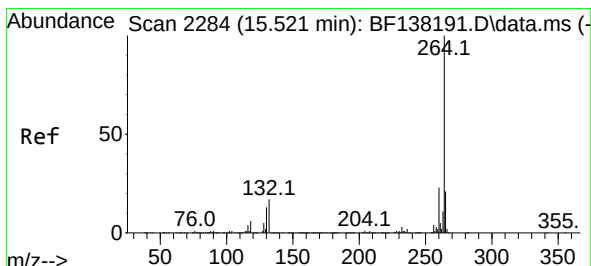
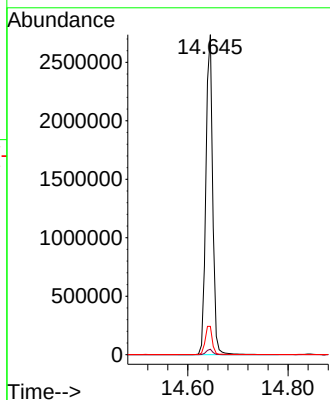
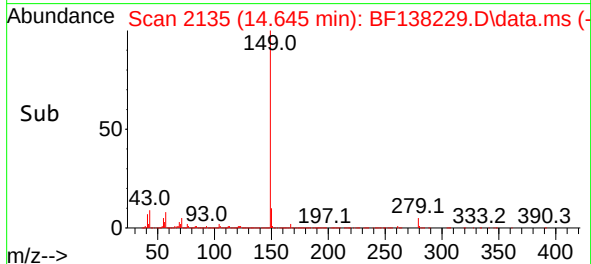
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



Tgt Ion:149 Resp: 2575180
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.4 7.8 11.6

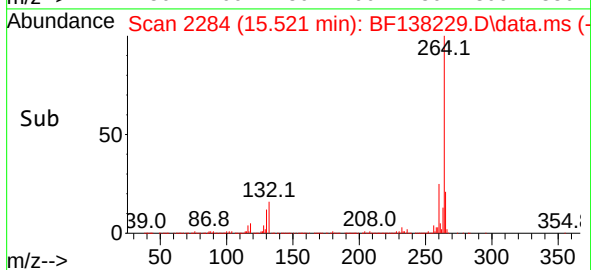
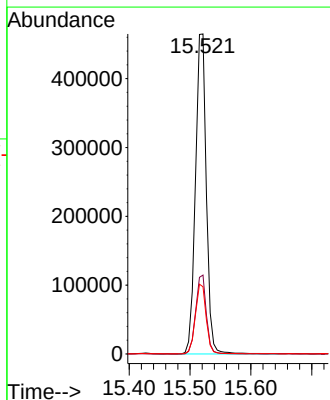
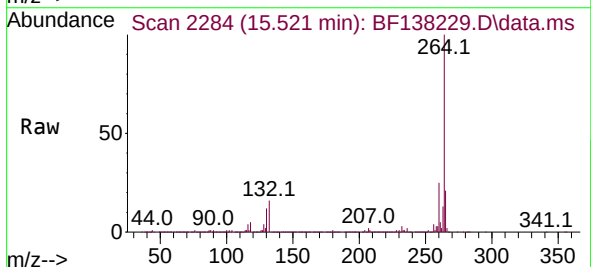
Manual Integrations
APPROVED

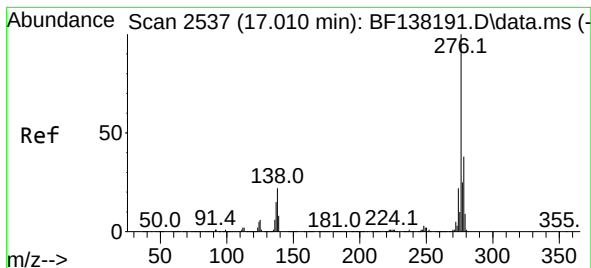
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Tgt Ion:264 Resp: 577776
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 21.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.999 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:276 Resp: 169492

Ion Ratio Lower Upper

276 100

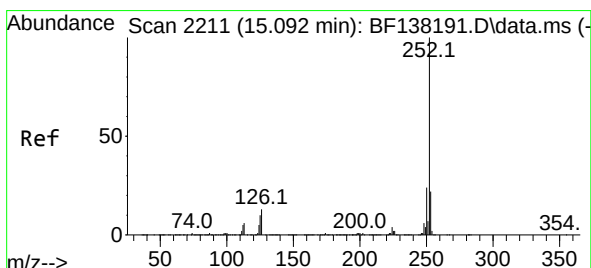
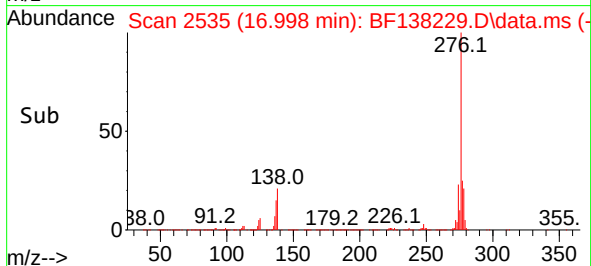
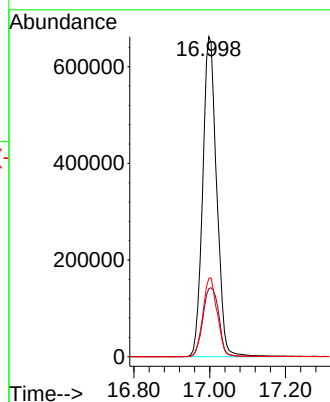
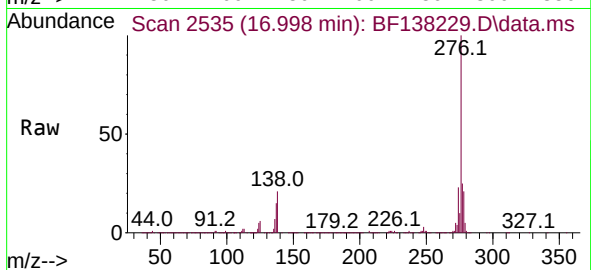
138 24.6 19.3 28.9

277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#88

Benzo(b)fluoranthene

Concen: 55.938 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

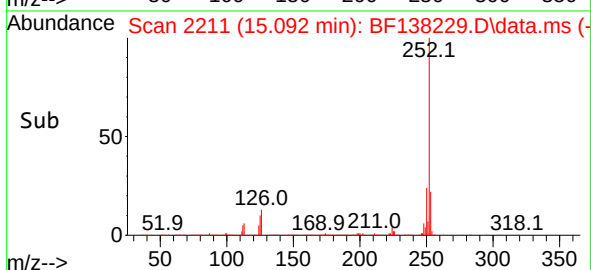
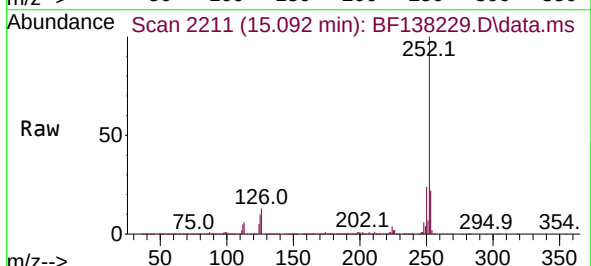
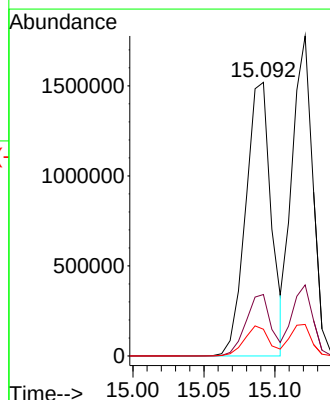
Tgt Ion:252 Resp: 1905919

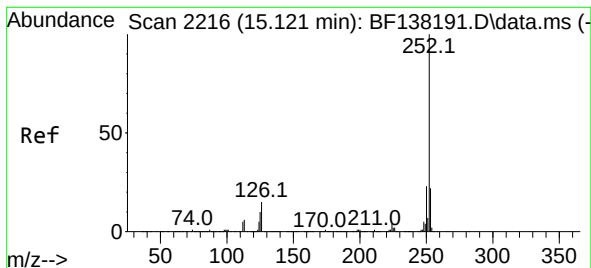
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.7 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 54.451 ng

RT: 15.121 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:252 Resp: 181821

Ion Ratio Lower Upper

252 100

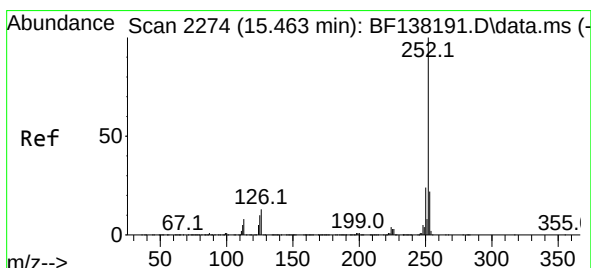
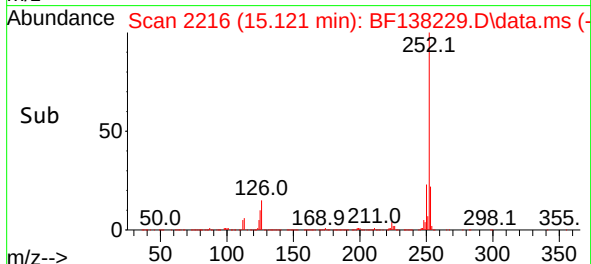
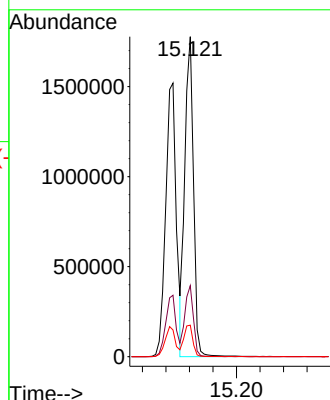
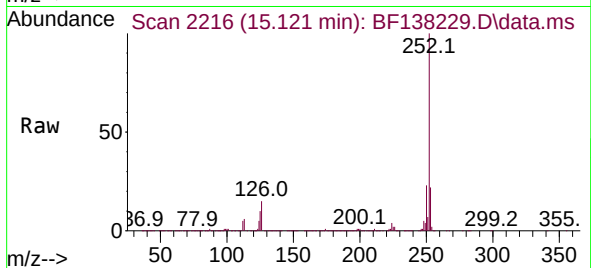
253 22.2 17.8 26.8

125 9.9 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#90

Benzo(a)pyrene

Concen: 53.899 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138229.D

Acq: 18 Jun 2024 17:29

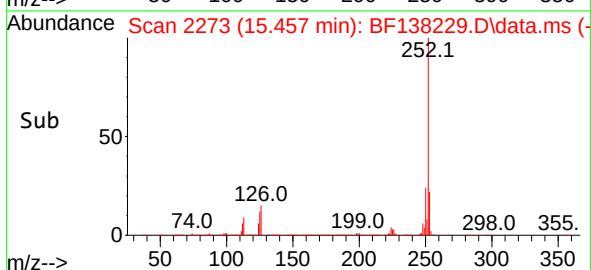
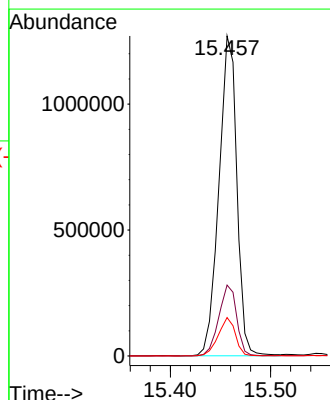
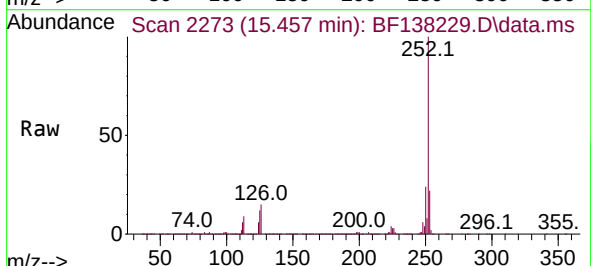
Tgt Ion:252 Resp: 1577704

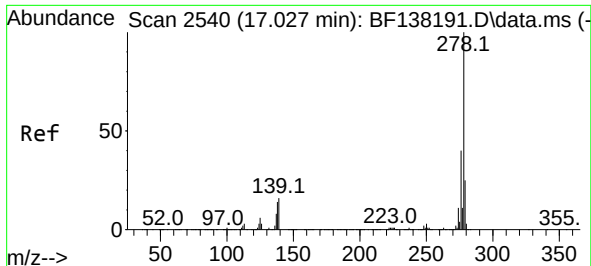
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 12.0 8.2 12.2





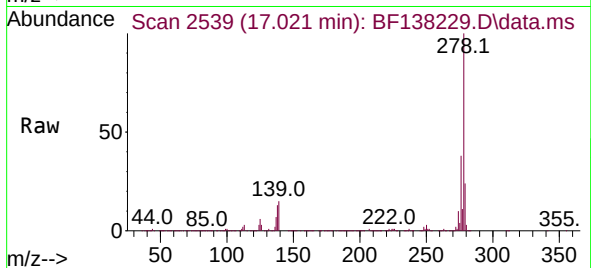
#91
Dibenzo(a,h)anthracene
Concen: 44.968 ng
RT: 17.021 min Scan# 2539
Delta R.T. -0.006 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

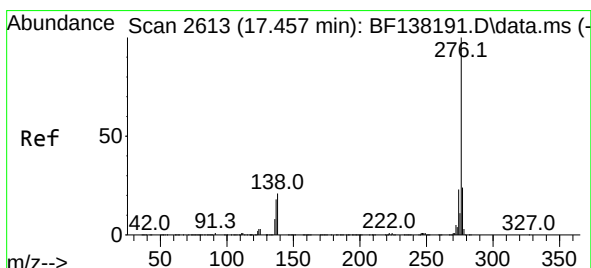
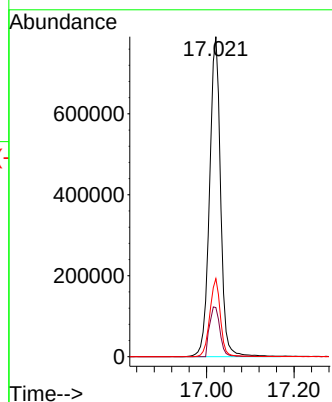
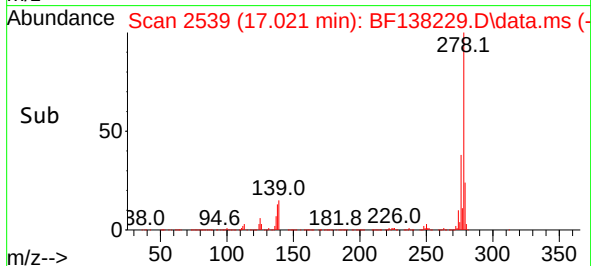


Tgt Ion:278 Resp: 1390228
Ion Ratio Lower Upper
278 100
139 15.4 12.9 19.3
279 24.4 19.9 29.9

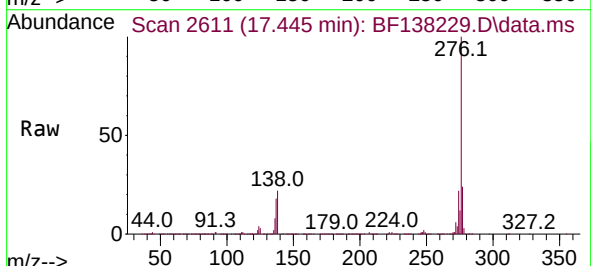
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#92
Benzo(g,h,i)perylene
Concen: 39.384 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.012 min
Lab File: BF138229.D
Acq: 18 Jun 2024 17:29



Tgt Ion:276 Resp: 1259626
Ion Ratio Lower Upper
276 100
277 23.9 19.5 29.3
138 21.9 16.6 24.8

