

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138309.D
 Acq On : 24 Jun 2024 14:42
 Operator : CG\JU
 Sample : P2998-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024

Quant Time: Jun 24 15:07:37 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 13 01:52:47 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	265624	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1017863	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	529068	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	746446	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	546209	20.000	ng	0.00
86) Perylene-d12	15.515	264	615674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1498529	94.373	ng	0.00
7) Phenol-d6	6.516	99	1878805	93.311	ng	0.00
23) Nitrobenzene-d5	7.451	82	1153821	65.992	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	494066	93.804	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2242733	67.407	ng	0.00
79) Terphenyl-d14	12.992	244	1898880	55.061	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	250359	34.453	ng	97
3) Pyridine	3.504	79	642368	37.194	ng	97
4) n-Nitrosodimethylamine	3.446	42	342369	42.834	ng	93
6) Aniline	6.545	93	766616	38.912	ng	100
8) 2-Chlorophenol	6.669	128	793373	46.215	ng	98
9) Benzaldehyde	6.434	77	184647	17.266	ng	98
10) Phenol	6.534	94	934400m	45.729	ng	
11) bis(2-Chloroethyl)ether	6.622	93	732823	44.811	ng	100
12) 1,3-Dichlorobenzene	6.828	146	813046	41.674	ng	98
13) 1,4-Dichlorobenzene	6.904	146	822831	41.909	ng	98
14) 1,2-Dichlorobenzene	7.057	146	792009	42.971	ng	98
15) Benzyl Alcohol	7.028	79	622785	45.873	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	963682	41.753	ng	96
17) 2-Methylphenol	7.139	107	607978	44.888	ng	99
18) Hexachloroethane	7.398	117	293096	44.064	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	511024	42.817	ng	99
20) 3+4-Methylphenols	7.292	107	724273	42.485	ng	95
22) Acetophenone	7.292	105	917176	39.445	ng	# 92
24) Nitrobenzene	7.469	77	761293	42.129	ng	93
25) Isophorone	7.704	82	1422519	44.980	ng	99
26) 2-Nitrophenol	7.781	139	419368	57.713	ng	95
27) 2,4-Dimethylphenol	7.816	122	541721	49.003	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	894433	45.181	ng	100
29) 2,4-Dichlorophenol	8.022	162	652577	45.850	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	725506	43.223	ng	99
31) Naphthalene	8.186	128	2151749	42.752	ng	100
32) Benzoic acid	7.922	122	273350	28.055	ng	99
33) 4-Chloroaniline	8.233	127	532775	28.322	ng	99
34) Hexachlorobutadiene	8.304	225	418785	42.660	ng	99
35) Caprolactam	8.610	113	178714m	41.592	ng	
36) 4-Chloro-3-methylphenol	8.716	107	649687	45.846	ng	96
37) 2-Methylnaphthalene	8.880	142	1432049	43.354	ng	99
38) 1-Methylnaphthalene	8.980	142	1328079	41.029	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	659336	42.647	ng	99
41) Hexachlorocyclopentadiene	9.033	237	538575	106.836	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	470839	48.638	ng	99

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M

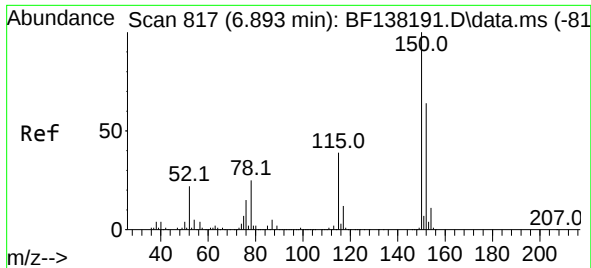
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 13 01:52:47 2024

Response via : Initial Calibration

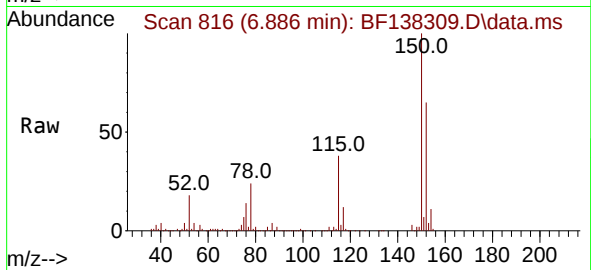
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	489934	46.086	ng	98
46) 1,1'-Biphenyl	9.345	154	1632438	42.049	ng	98
47) 2-Chloronaphthalene	9.369	162	1364297	44.466	ng	98
48) 2-Nitroaniline	9.463	65	378339	51.204	ng	96
49) Acenaphthylene	9.786	152	2026733	47.108	ng	99
50) Dimethylphthalate	9.645	163	1581830	48.797	ng	100
51) 2,6-Dinitrotoluene	9.704	165	355081	50.492	ng	95
52) Acenaphthene	9.957	154	1328896	45.297	ng	100
53) 3-Nitroaniline	9.874	138	280176	37.294	ng	95
54) 2,4-Dinitrophenol	9.980	184	227015	67.676	ng	# 88
55) Dibenzofuran	10.127	168	1824329	44.483	ng	100
56) 4-Nitrophenol	10.039	139	434343	73.160	ng	# 84
57) 2,4-Dinitrotoluene	10.110	165	442563	51.023	ng	98
58) Fluorene	10.469	166	1322831	41.024	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	369578	44.483	ng	99
60) Diethylphthalate	10.345	149	1465998	47.650	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	699886	43.581	ng	98
62) 4-Nitroaniline	10.492	138	302668	40.322	ng	93
63) Azobenzene	10.621	77	1333202	43.254	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	185999	48.771	ng	78
66) n-Nitrosodiphenylamine	10.580	169	1212778	53.069	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	440149	52.329	ng	# 93
68) Hexachlorobenzene	11.016	284	473162	48.204	ng	98
69) Atrazine	11.104	200	346475	53.229	ng	99
70) Pentachlorophenol	11.210	266	442187	77.242	ng	98
71) Phenanthrene	11.433	178	1708324	46.278	ng	99
72) Anthracene	11.486	178	1710759	46.677	ng	99
73) Carbazole	11.639	167	1400307	41.656	ng	99
74) Di-n-butylphthalate	11.968	149	1850612	53.178	ng	99
75) Fluoranthene	12.616	202	1586334	42.142	ng	98
77) Benzidine	12.739	184	513844	81.332	ng	99
78) Pyrene	12.851	202	1635201	34.708	ng	99
80) Butylbenzylphthalate	13.468	149	716028	55.873	ng	96
81) Benzo(a)anthracene	14.039	228	1625791	46.395	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	486075	50.371	ng	99
83) Chrysene	14.074	228	1590617	47.621	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1056192	70.861	ng	99
85) Di-n-octyl phthalate	14.639	149	1926856	87.019	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	1309679	32.631	ng	100
88) Benzo(b)fluoranthene	15.092	252	1836287	50.577	ng	99
89) Benzo(k)fluoranthene	15.121	252	1723091	48.426	ng	99
90) Benzo(a)pyrene	15.456	252	1581659	50.708	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	1071820	32.535	ng	97
92) Benzo(g,h,i)perylene	17.445	276	935096	27.438	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.007 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

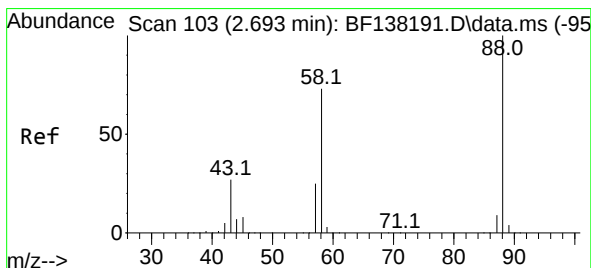
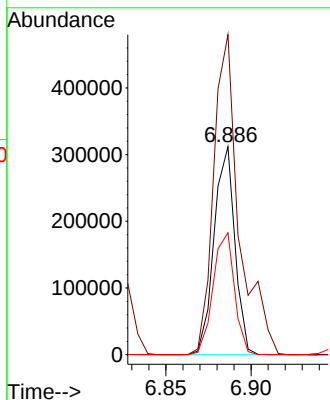
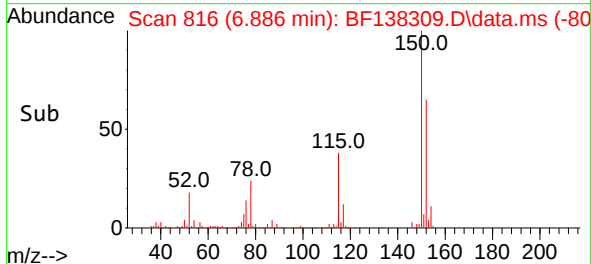
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS



Tgt Ion:152 Resp: 265624
Ion Ratio Lower Upper
152 100
150 153.8 125.0 187.4
115 58.6 48.4 72.6

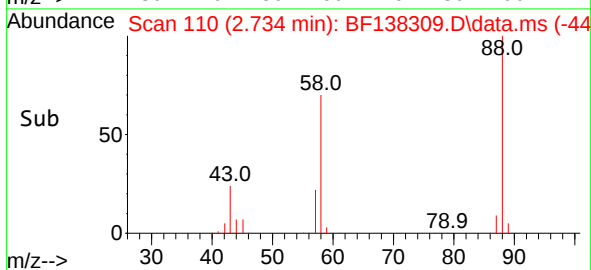
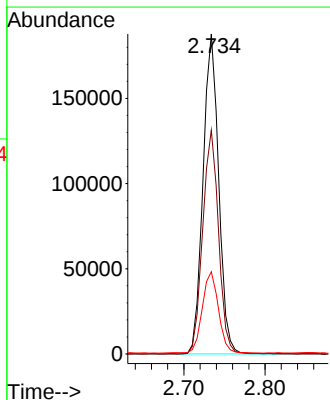
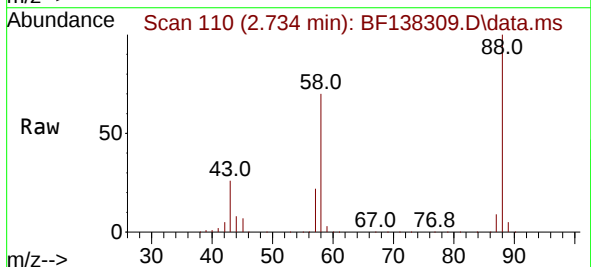
Manual Integrations
APPROVED

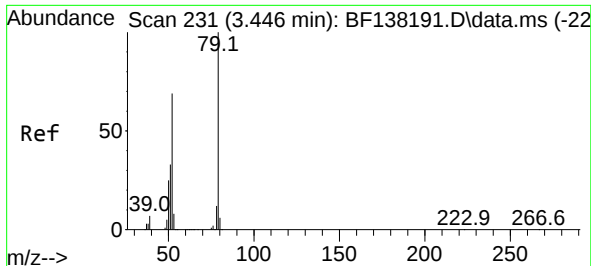
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#2
1,4-Dioxane
Concen: 34.453 ng
RT: 2.734 min Scan# 110
Delta R.T. 0.041 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion: 88 Resp: 250359
Ion Ratio Lower Upper
88 100
58 70.9 58.6 87.8
43 26.6 22.4 33.6





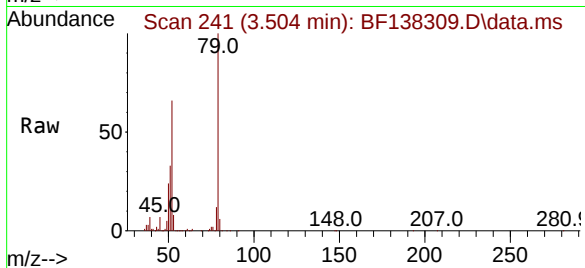
#3
 Pyridine
 Concen: 37.194 ng
 RT: 3.504 min Scan# 241
 Delta R.T. 0.059 min
 Lab File: BF138309.D
 Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS



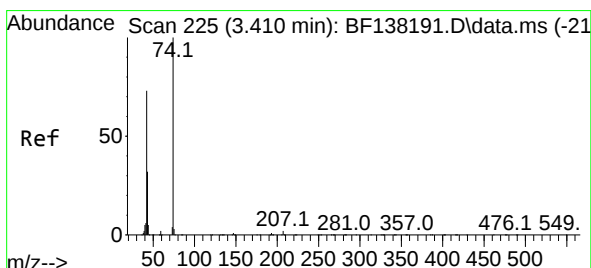
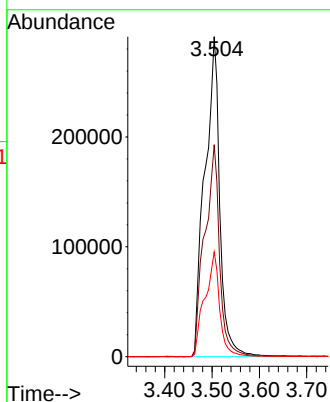
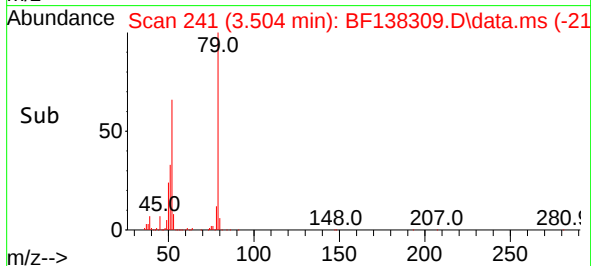
Tgt Ion: 79 Resp: 642368
 Ion Ratio Lower Upper
 79 100
 52 66.2 55.0 82.4
 51 32.7 26.9 40.3

Manual Integrations

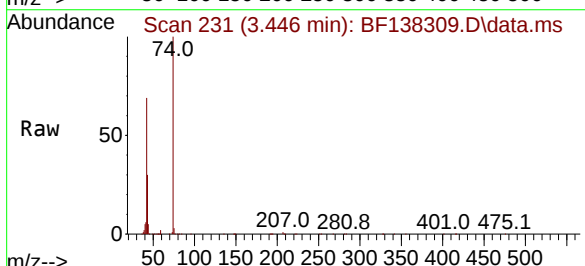
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

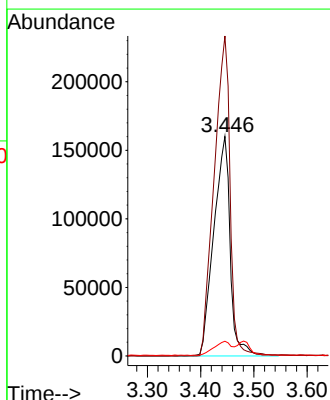
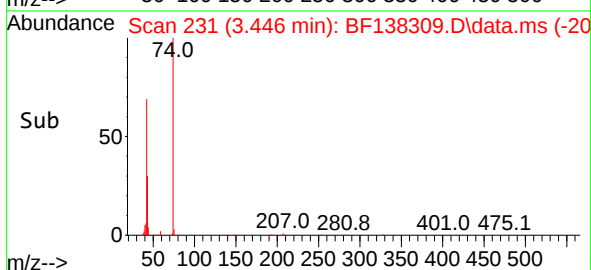
Supervised By :mohammad ahmed 06/26/2024

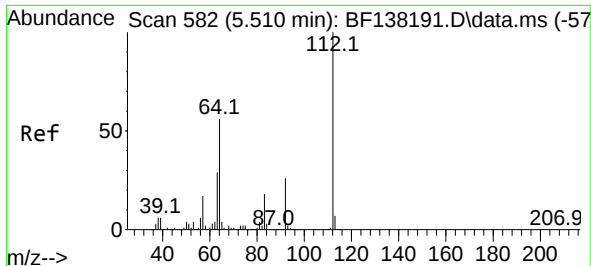


#4
 n-Nitrosodimethylamine
 Concen: 42.834 ng
 RT: 3.446 min Scan# 231
 Delta R.T. 0.035 min
 Lab File: BF138309.D
 Acq: 24 Jun 2024 14:42



Tgt Ion: 42 Resp: 342369
 Ion Ratio Lower Upper
 42 100
 74 145.8 109.9 164.9
 44 6.7 5.2 7.8





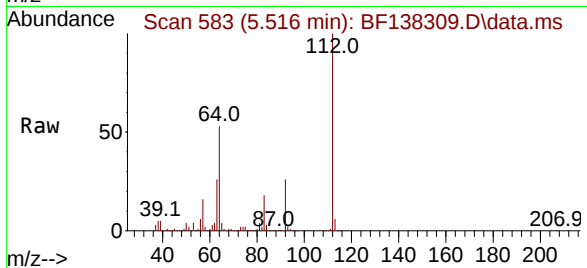
#5
2-Fluorophenol
Concen: 94.373 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

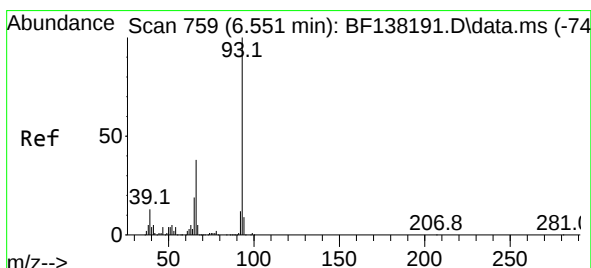
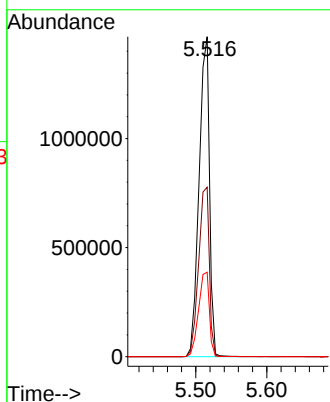
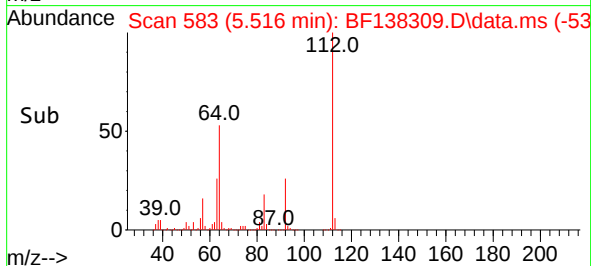


Tgt Ion:112 Resp: 1498529
Ion Ratio Lower Upper
112 100
64 53.0 45.2 67.8
63 26.4 22.9 34.3

Manual Integrations

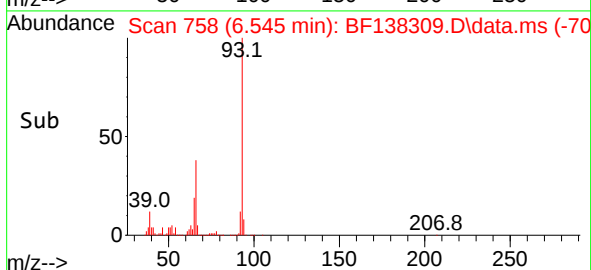
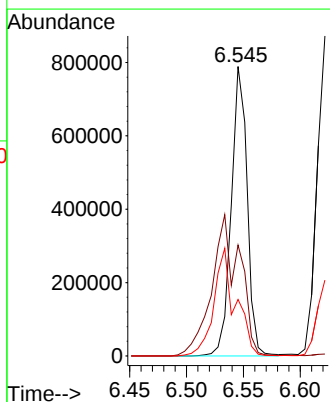
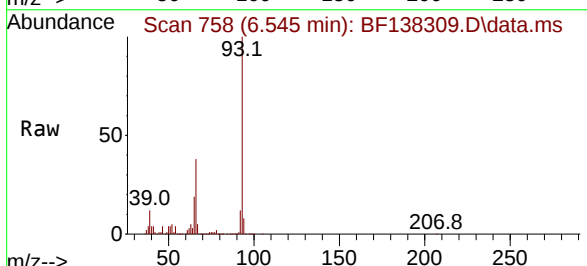
APPROVED

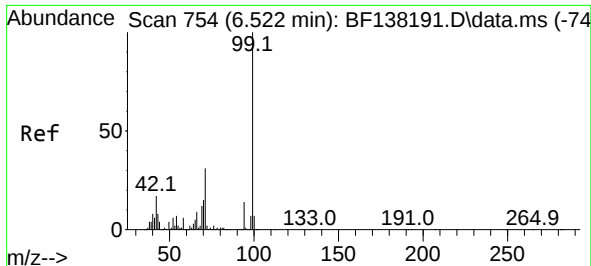
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#6
Aniline
Concen: 38.912 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

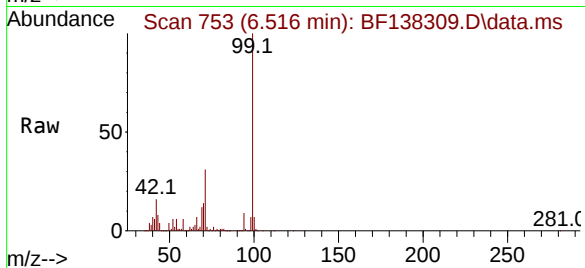
Tgt Ion: 93 Resp: 766616
Ion Ratio Lower Upper
93 100
66 38.3 30.8 46.2
65 19.5 15.5 23.3





#7
Phenol-d6
Concen: 93.311 ng
RT: 6.516 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

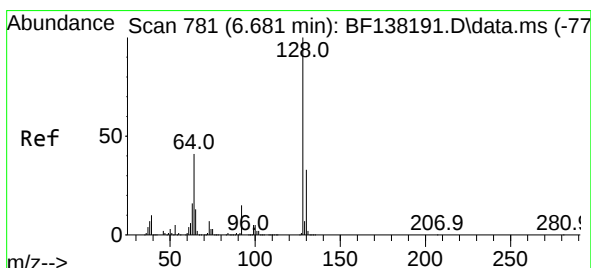
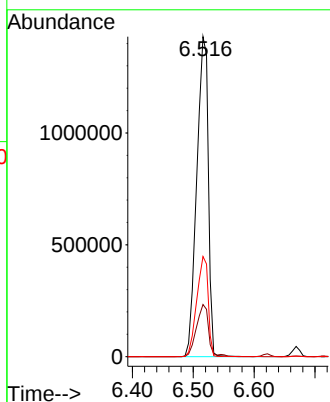
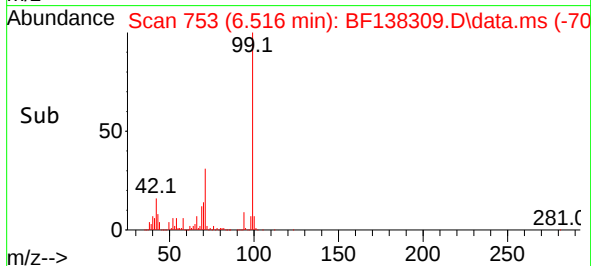
Instrument :
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WCS-TPLMS



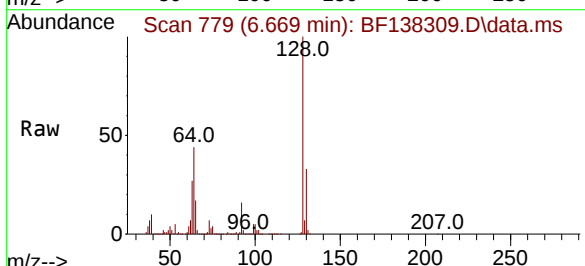
Tgt Ion: 99 Resp: 187880
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 31.3 25.0 37.6

Manual Integrations
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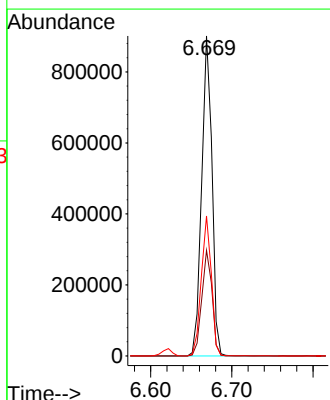
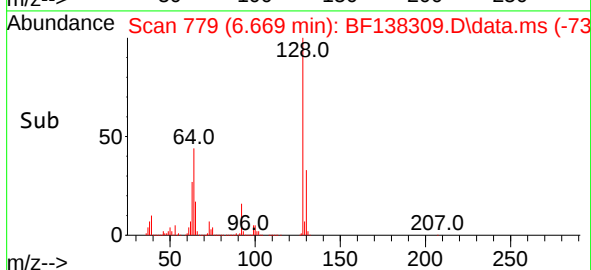
Reviewed By :Yogesh Patel 06/25/2024
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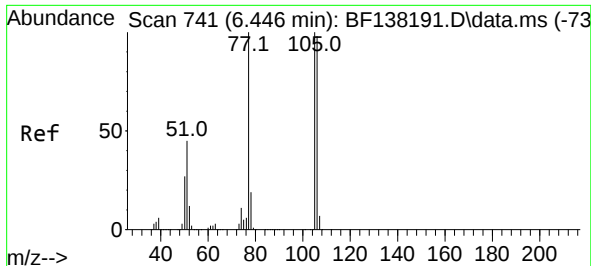


#8
2-Chlorophenol
Concen: 46.215 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42



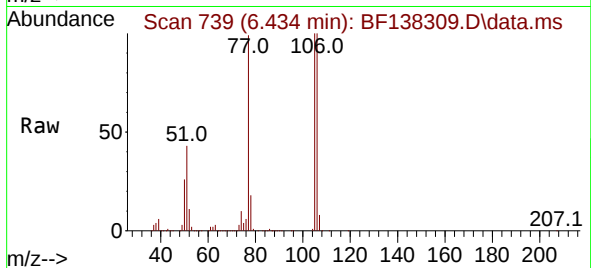
Tgt Ion:128 Resp: 793373
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 43.7 21.8 61.8





#9
Benzaldehyde
Concen: 17.266 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

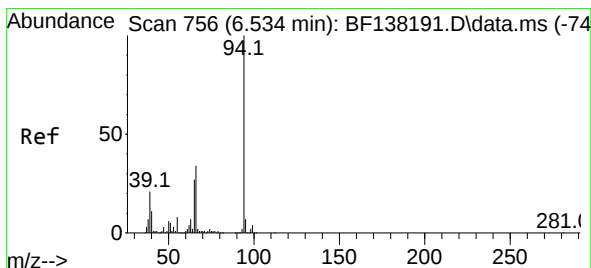
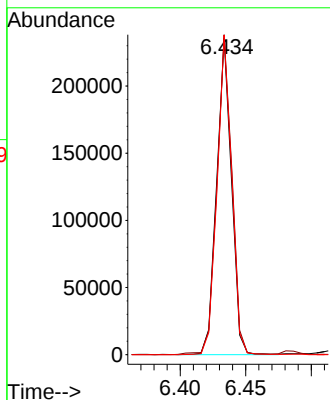
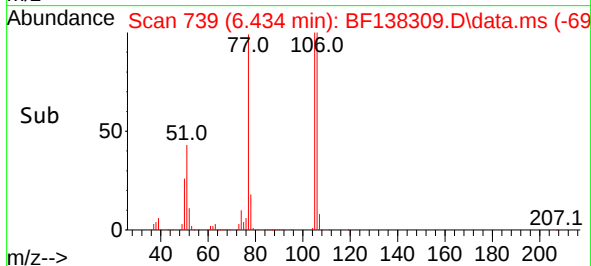
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS



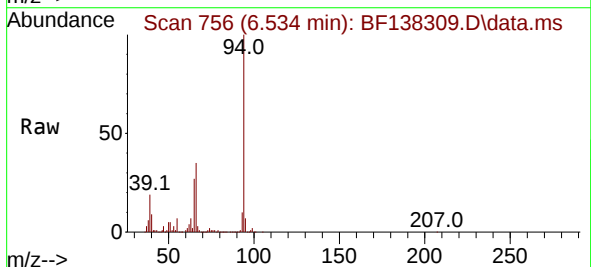
Tgt Ion: 77 Resp: 18464
Ion Ratio Lower Upper
77 100
105 101.0 80.1 120.1
106 100.9 77.8 117.8

Manual Integrations
APPROVED

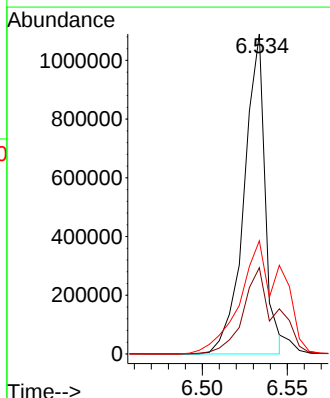
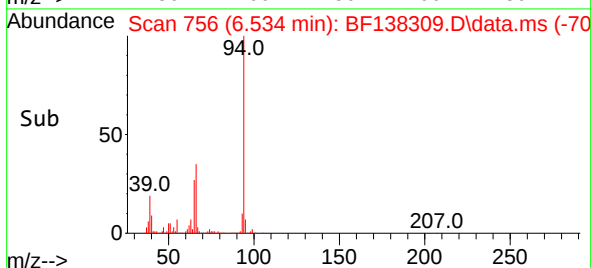
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

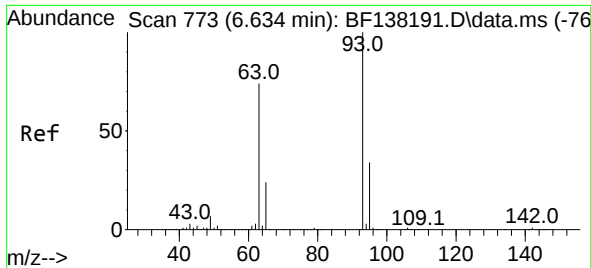


#10
Phenol
Concen: 45.729 ng m
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42



Tgt Ion: 94 Resp: 934400
Ion Ratio Lower Upper
94 100
65 26.9 6.8 46.8
66 35.4 14.2 54.2





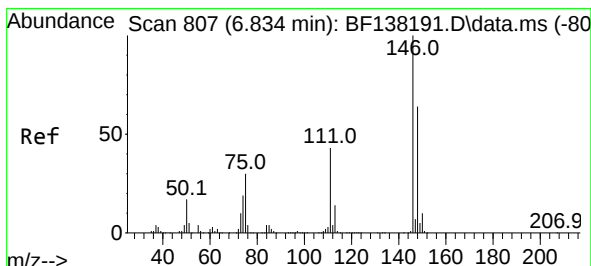
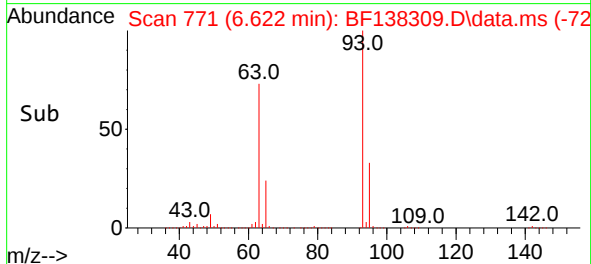
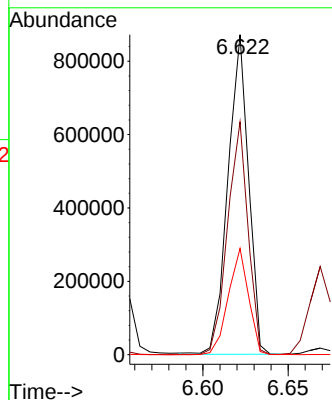
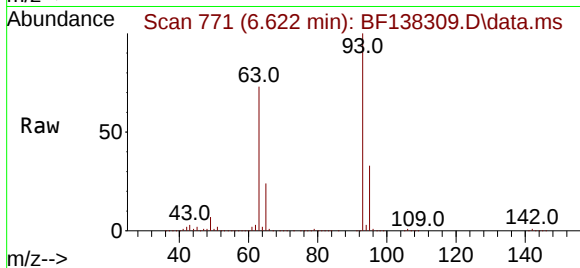
#11
bis(2-Chloroethyl)ether
Concen: 44.811 ng
RT: 6.622 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

Tgt Ion: 93 Resp: 73282
Ion Ratio Lower Upper
93 100
63 72.8 52.5 92.5
95 33.2 13.2 53.2

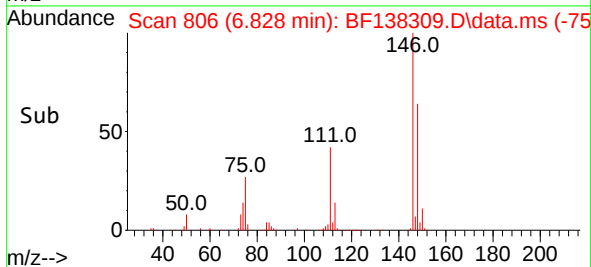
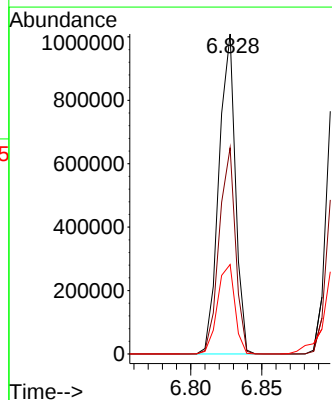
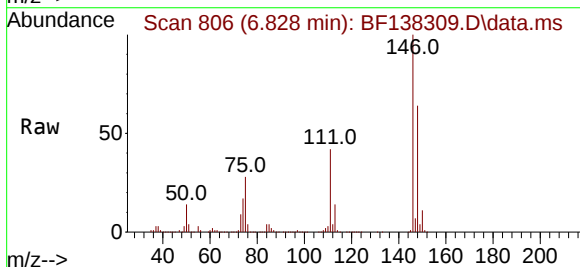
Manual Integrations
APPROVED

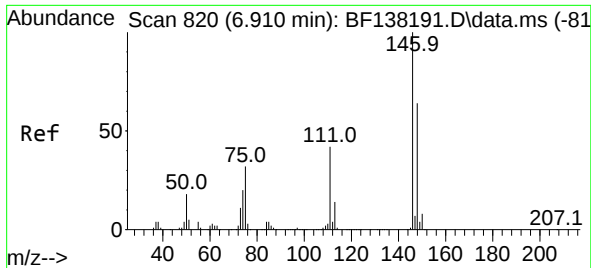
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#12
1,3-Dichlorobenzene
Concen: 41.674 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

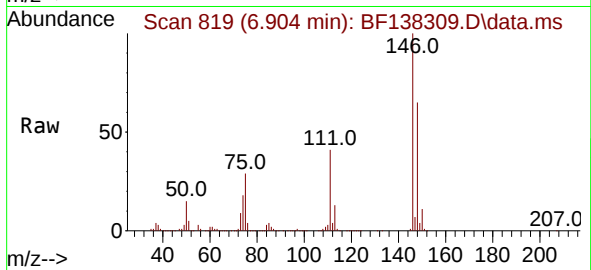
Tgt Ion:146 Resp: 813046
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
75 27.9 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 41.909 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

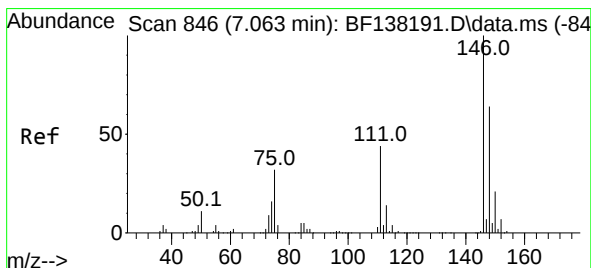
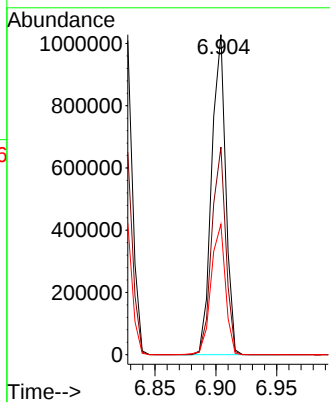
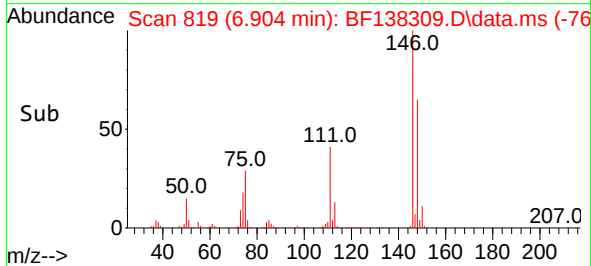
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS



Tgt Ion:146 Resp: 82283
Ion Ratio Lower Upper
146 100
148 64.9 51.1 76.7
111 40.8 33.7 50.5

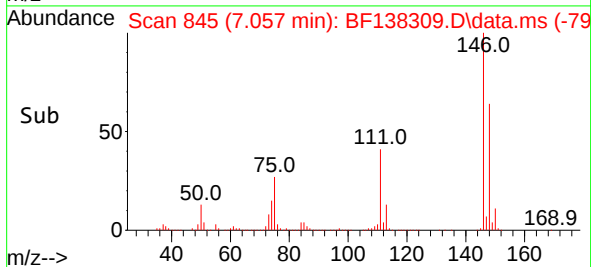
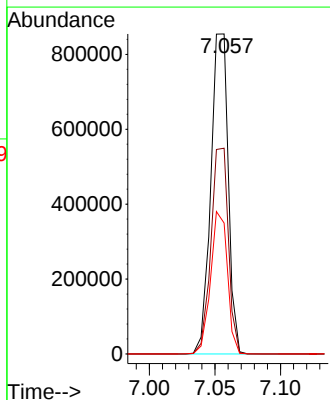
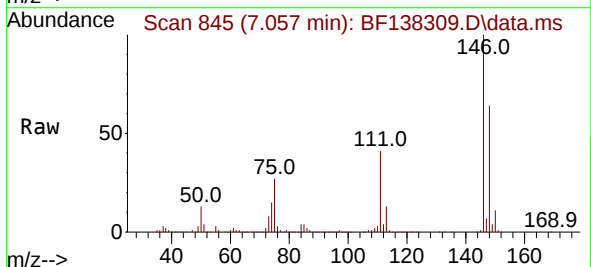
Manual Integrations
APPROVED

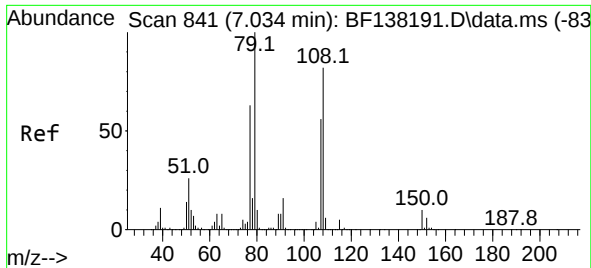
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#14
1,2-Dichlorobenzene
Concen: 42.971 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:146 Resp: 792009
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 40.9 35.4 53.2





#15
Benzyl Alcohol
Concen: 45.873 ng
RT: 7.028 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

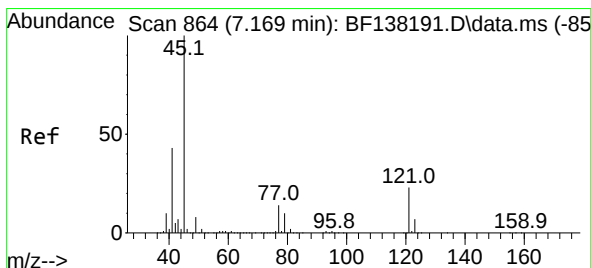
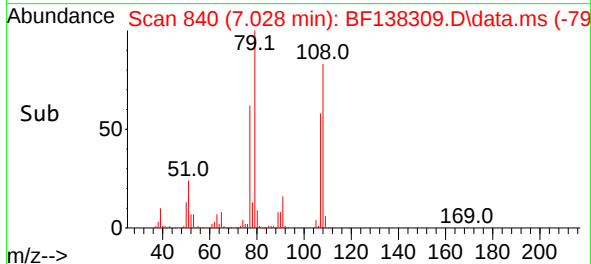
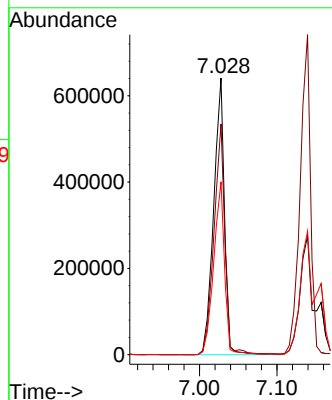
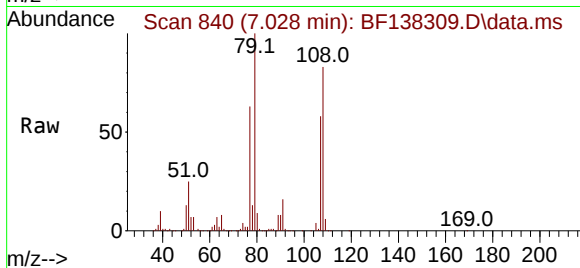
ClientSampleId :

WCS-TPLMS

Tgt Ion: 79 Resp: 622785
Ion Ratio Lower Upper
79 100
108 83.4 65.9 98.9
77 62.5 50.3 75.5

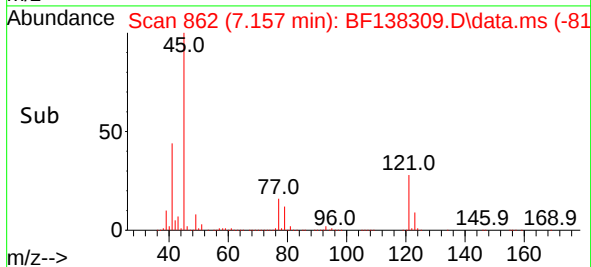
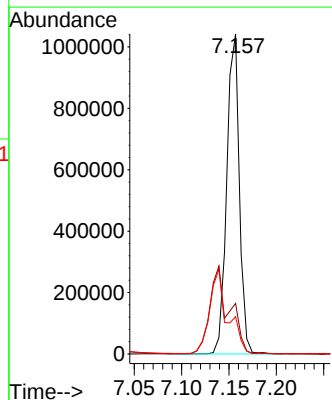
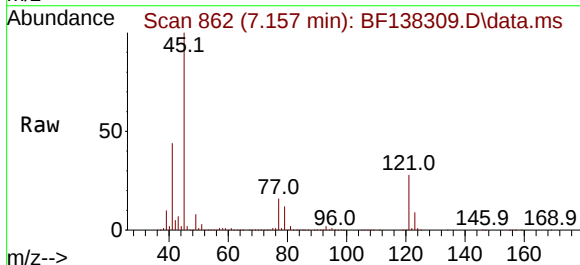
Manual Integrations
APPROVED

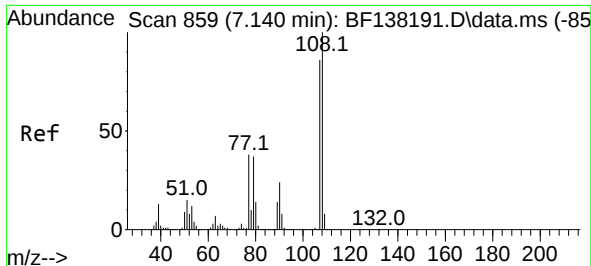
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.753 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion: 45 Resp: 963682
Ion Ratio Lower Upper
45 100
77 15.8 0.0 33.9
79 11.6 0.0 30.7





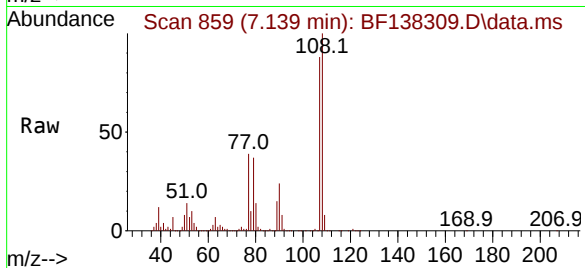
#17
2-Methylphenol
Concen: 44.888 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS



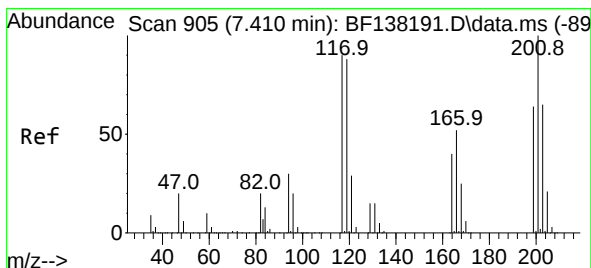
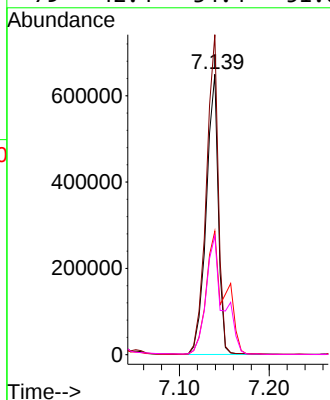
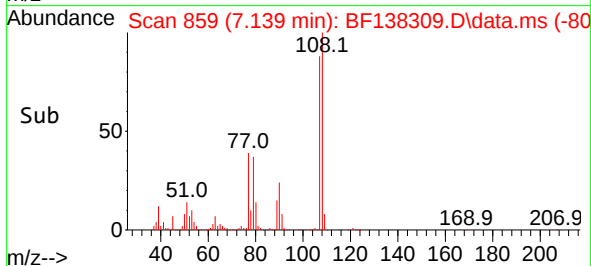
Tgt Ion:107 Resp: 607978
Ion Ratio Lower Upper
107 100
108 114.1 92.7 139.1
77 44.1 35.7 53.5
79 42.4 34.4 51.6

Manual Integrations

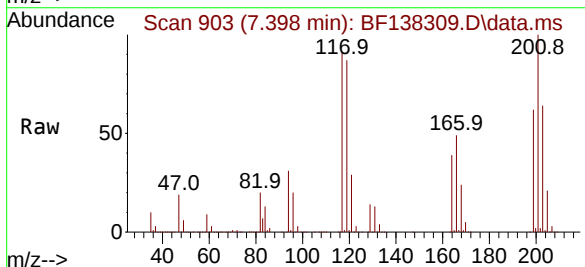
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

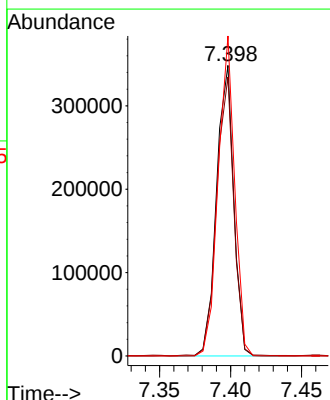
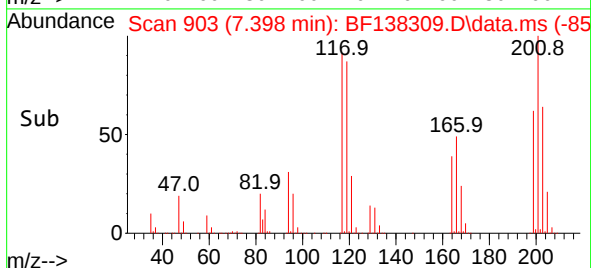
Supervised By :mohammad ahmed 06/26/2024

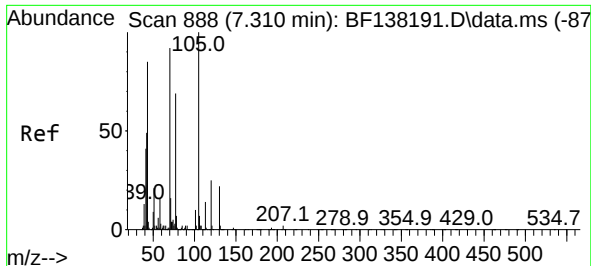


#18
Hexachloroethane
Concen: 44.064 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42



Tgt Ion:117 Resp: 293096
Ion Ratio Lower Upper
117 100
119 96.0 78.4 117.6
201 110.2 89.0 133.6





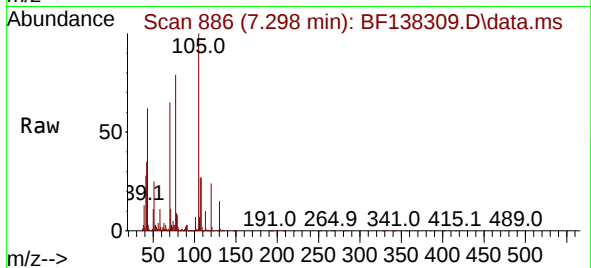
#19
n-Nitroso-di-n-propylamine
Concen: 42.817 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

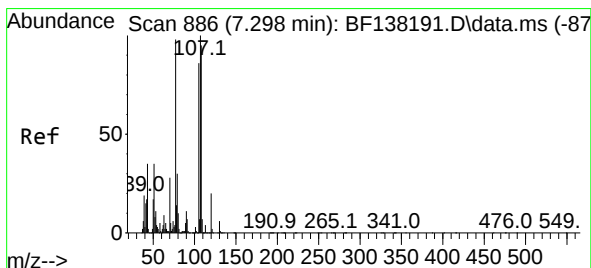
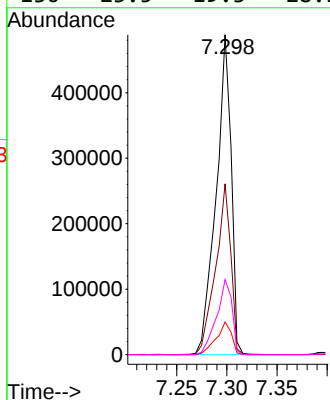
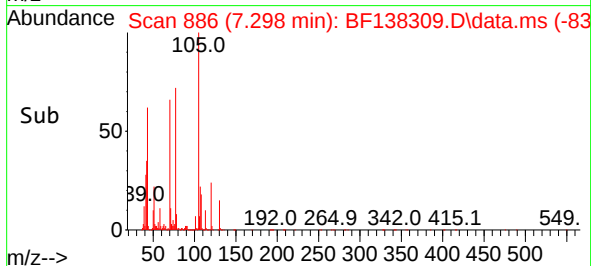


Tgt Ion: 70 Resp: 511024
Ion Ratio Lower Upper
70 100
42 53.4 42.8 64.2
101 10.2 8.4 12.6
130 23.5 19.3 28.9

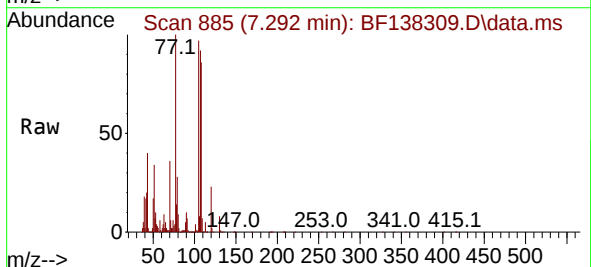
Manual Integrations

APPROVED

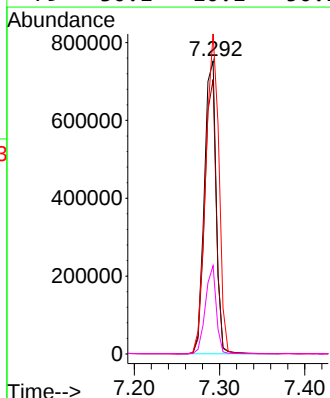
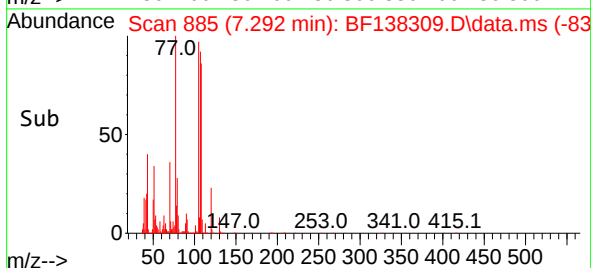
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

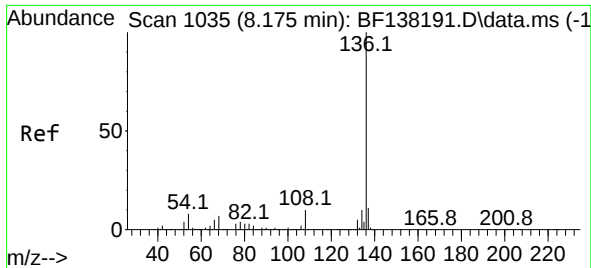


#20
3+4-Methylphenols
Concen: 42.485 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42



Tgt Ion:107 Resp: 724273
Ion Ratio Lower Upper
107 100
108 93.8 74.9 114.9
77 109.3 78.2 118.2
79 30.1 10.1 50.1





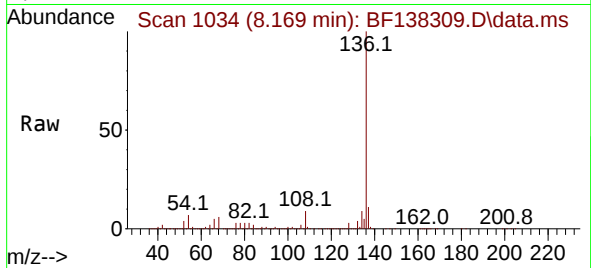
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS



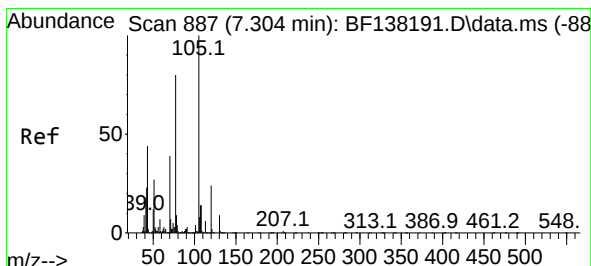
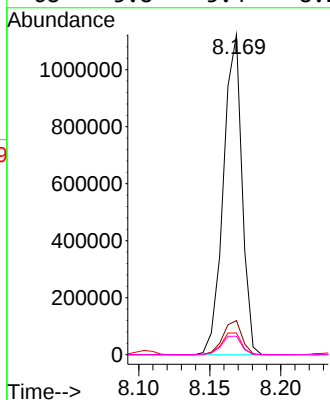
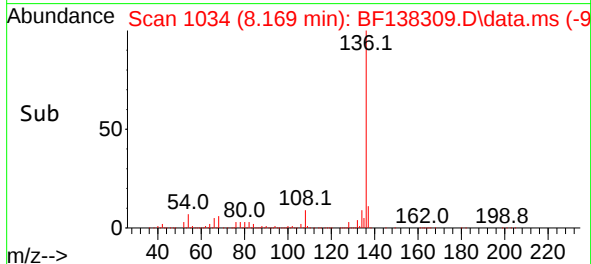
Tgt Ion:136 Resp: 101786
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.8 6.6 10.0
68 5.8 5.4 8.2

Manual Integrations

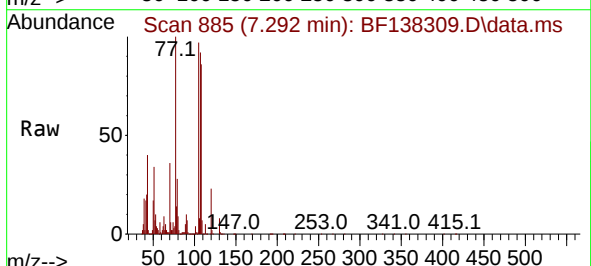
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

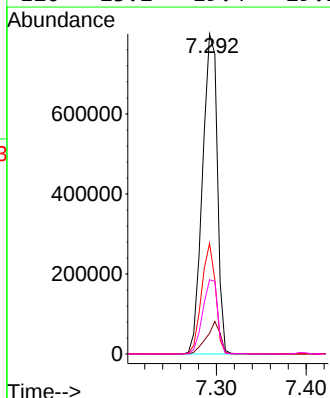
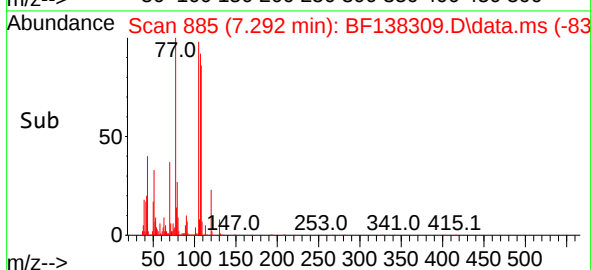
Supervised By :mohammad ahmed 06/26/2024

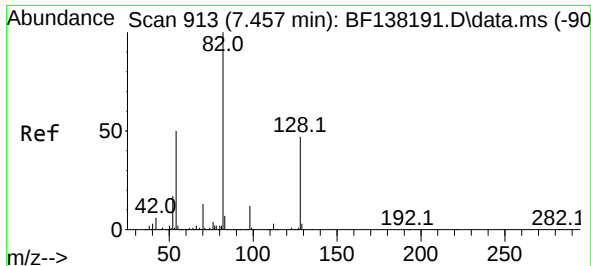


#22
Acetophenone
Concen: 39.445 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42



Tgt Ion:105 Resp: 917176
Ion Ratio Lower Upper
105 100
71 6.5 5.4 8.2
51 34.6 21.4 32.0#
120 23.2 19.4 29.2





#23

Nitrobenzene-d5

Concen: 65.992 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

Tgt Ion: 82 Resp: 115382

Ion Ratio Lower Upper

82 100

128 50.0 37.2 55.8

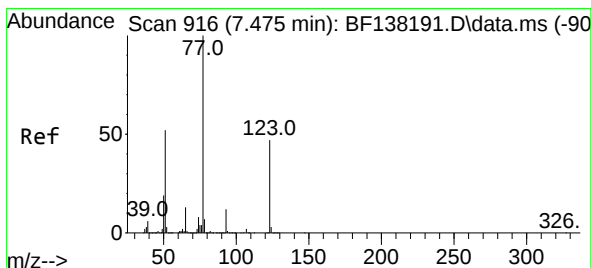
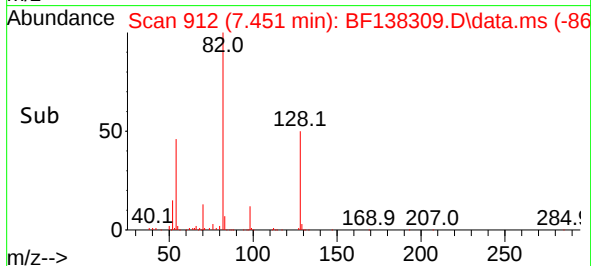
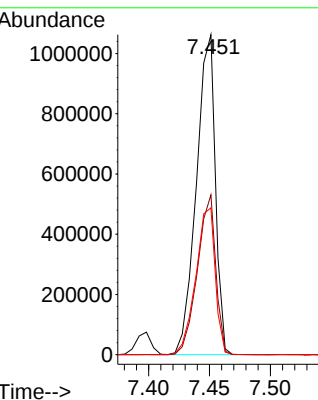
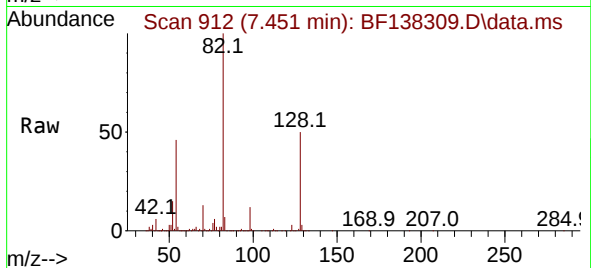
54 45.9 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#24

Nitrobenzene

Concen: 42.129 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

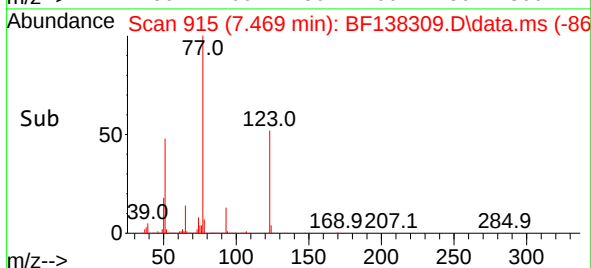
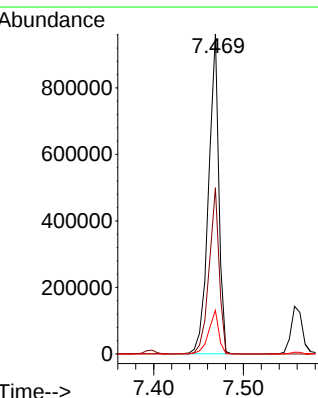
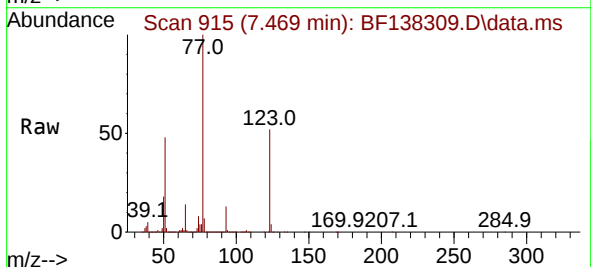
Tgt Ion: 77 Resp: 761293

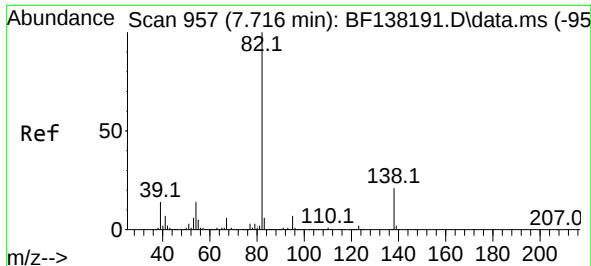
Ion Ratio Lower Upper

77 100

123 52.0 37.3 55.9

65 13.7 10.6 15.8





#25
Isophorone
Concen: 44.980 ng
RT: 7.704 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

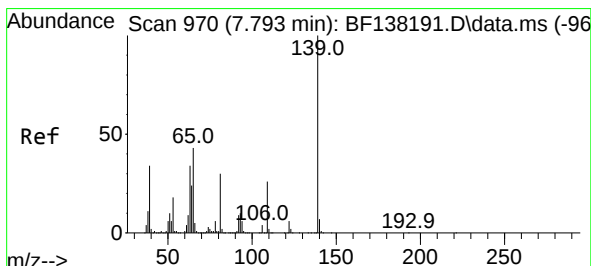
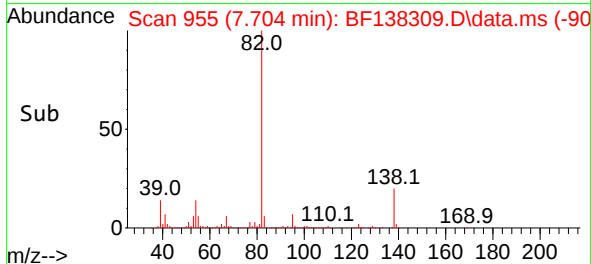
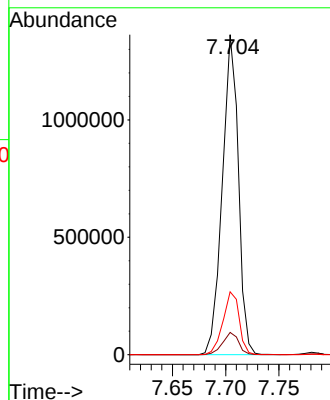
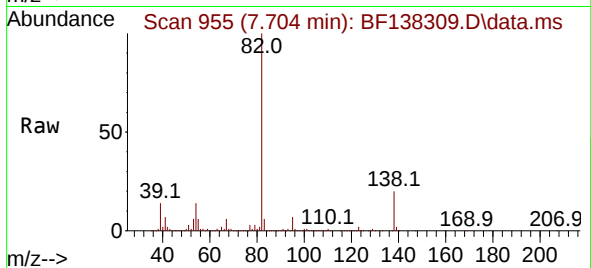
ClientSampleId :

WCS-TPLMS

Tgt Ion: 82 Resp: 1422519
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 19.6 16.4 24.6

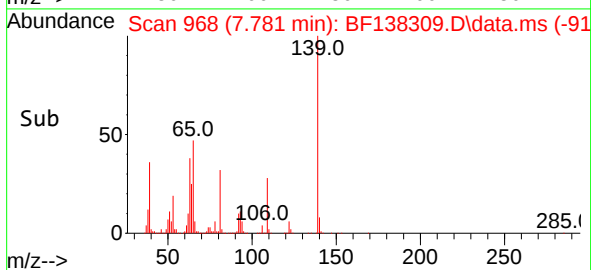
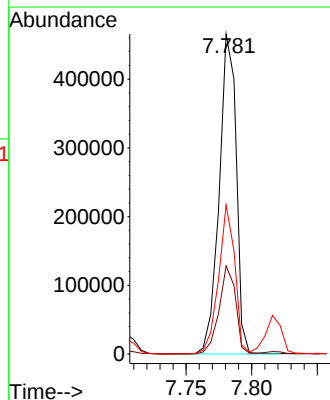
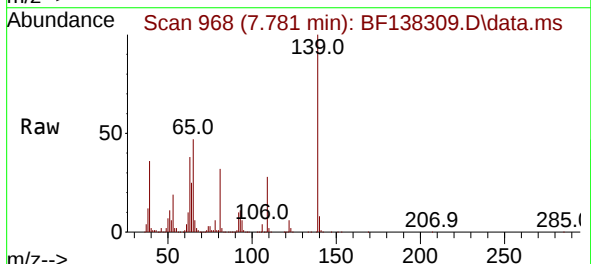
Manual Integrations
APPROVED

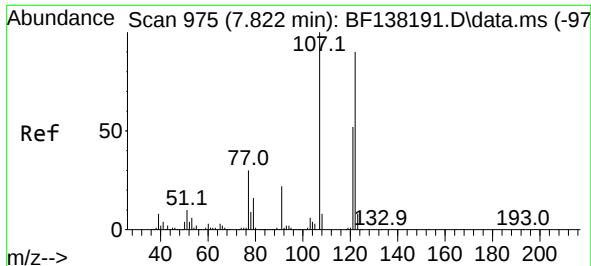
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#26
2-Nitrophenol
Concen: 57.713 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:139 Resp: 419368
Ion Ratio Lower Upper
139 100
109 27.5 20.7 31.1
65 46.6 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 49.003 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

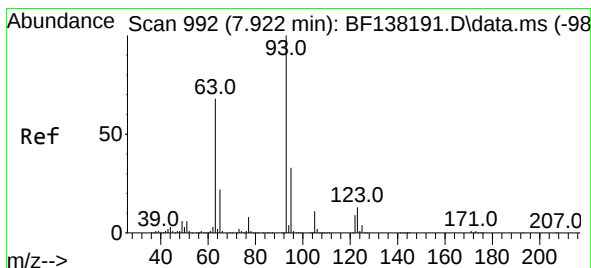
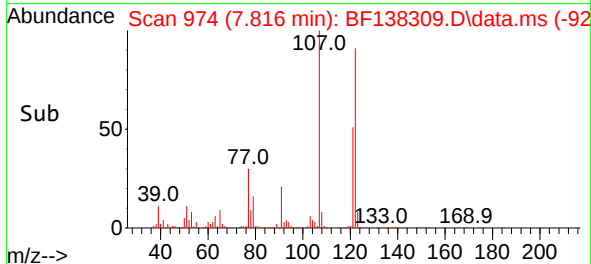
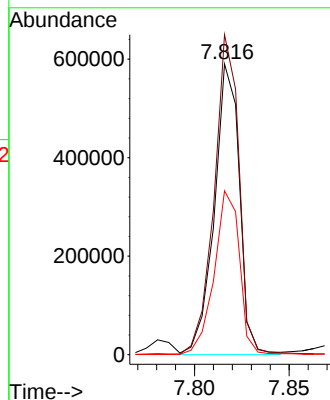
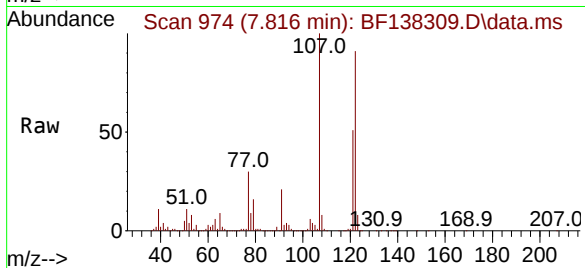
Tgt Ion:122 Resp: 54172
 Ion Ratio Lower Upper
 122 100
 107 110.1 87.7 131.5
 121 56.4 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.181 ng

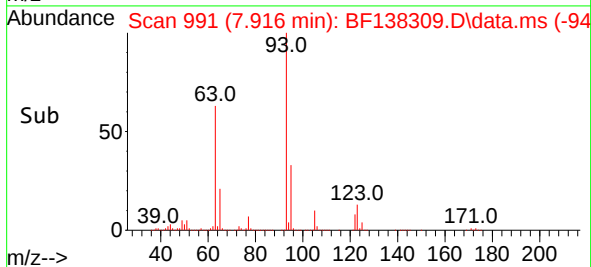
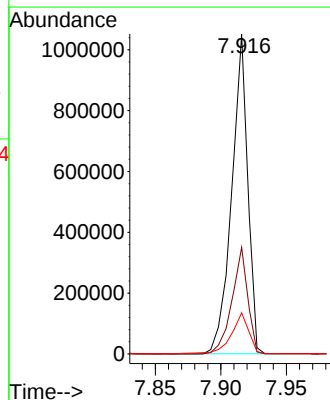
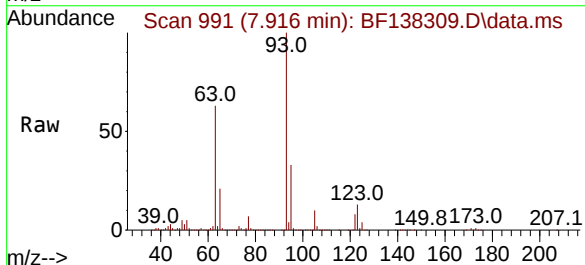
RT: 7.916 min Scan# 991

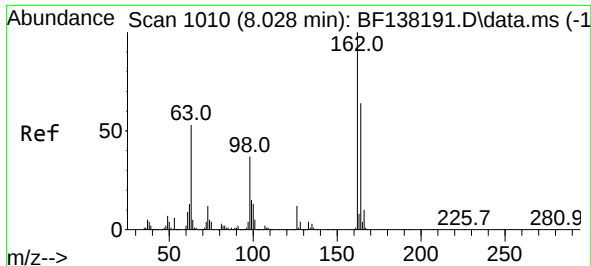
Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Tgt Ion: 93 Resp: 894433
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.6 39.8
 123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 45.850 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

Tgt Ion:162 Resp: 65257

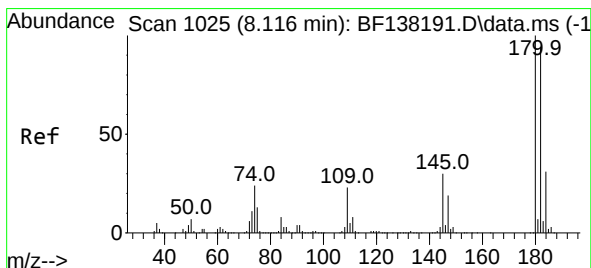
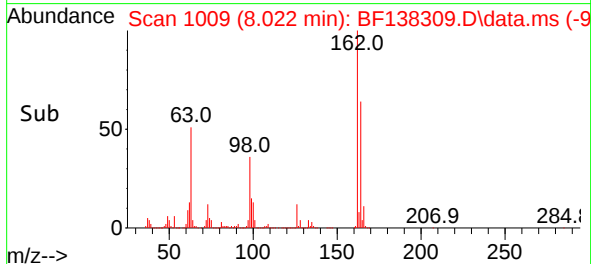
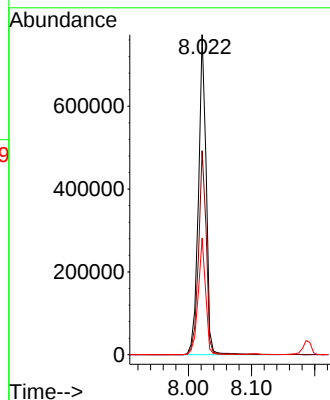
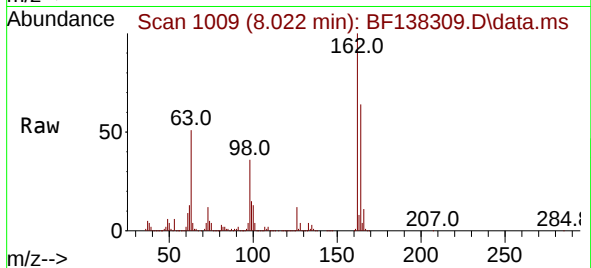
Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.3	84.3
98	36.4	16.5	56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.223 ng

RT: 8.104 min Scan# 1023

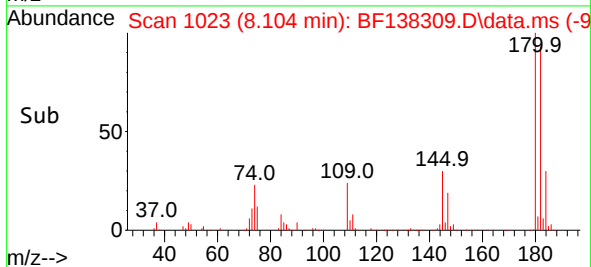
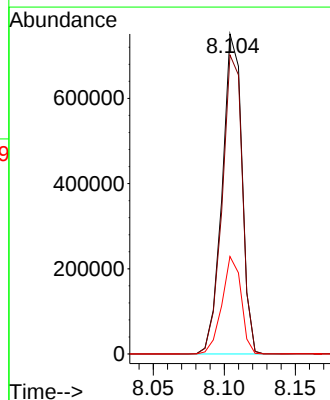
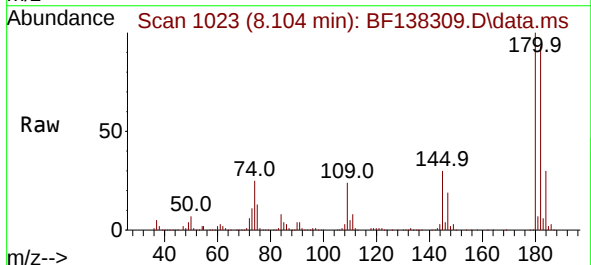
Delta R.T. -0.012 min

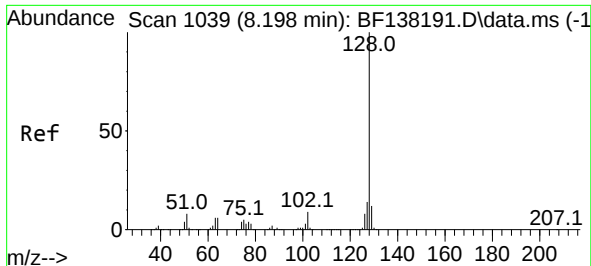
Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Tgt Ion:180 Resp: 725506

Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.0	112.6
145	30.5	23.8	35.6





#31
Naphthalene
Concen: 42.752 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

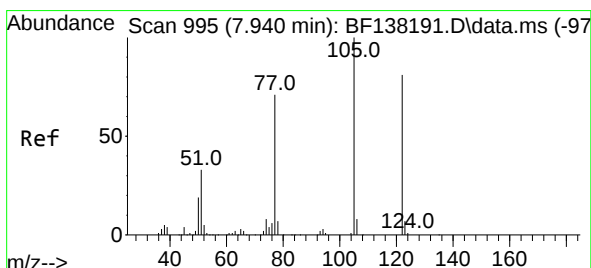
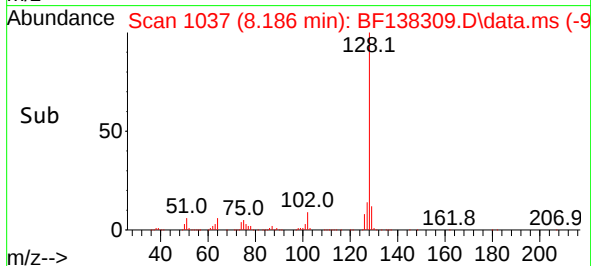
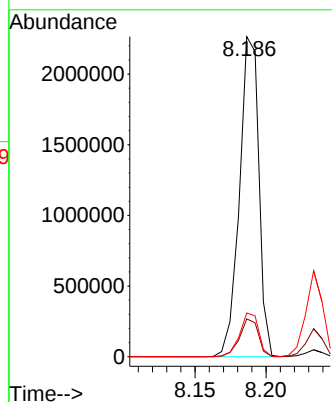
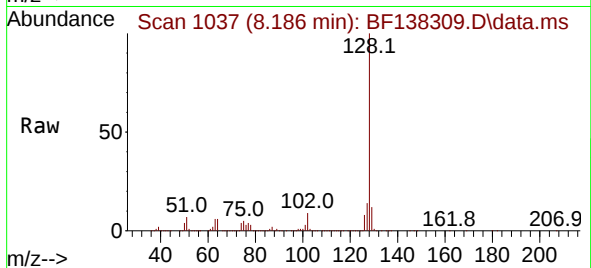
WCS-TPLMS

Tgt Ion:128 Resp: 2151749
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.6 11.0 16.6

Manual Integrations

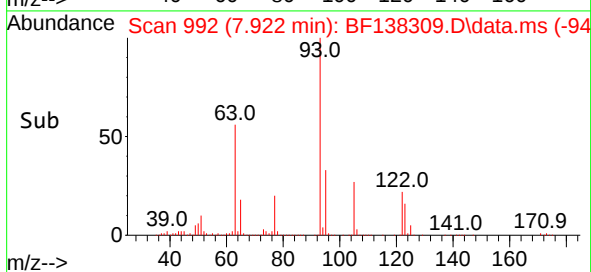
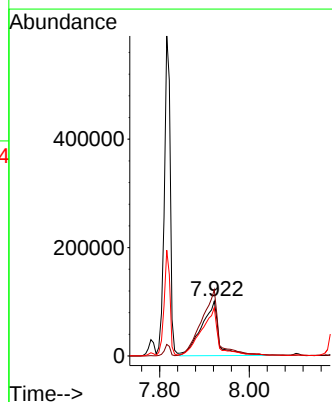
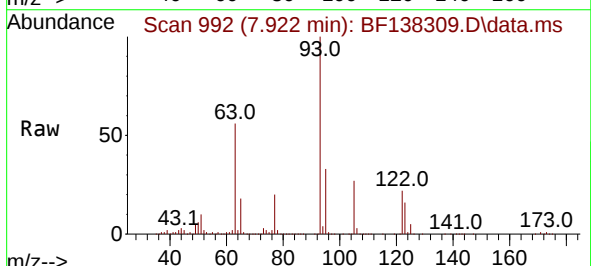
APPROVED

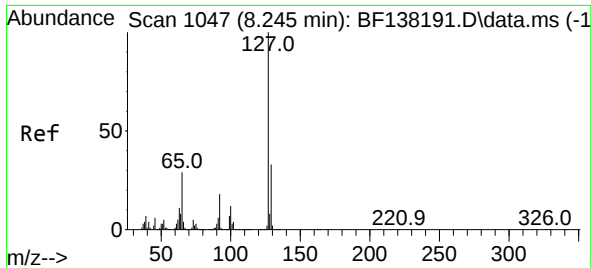
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#32
Benzoic acid
Concen: 28.055 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.018 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:122 Resp: 273350
Ion Ratio Lower Upper
122 100
105 121.0 100.1 140.1
77 88.2 66.5 106.5





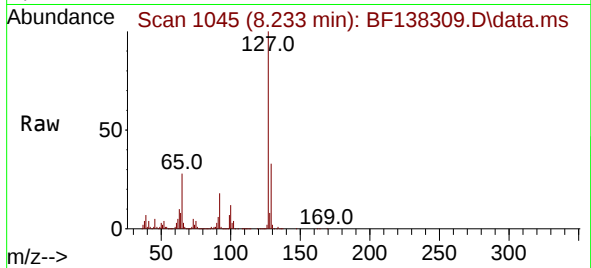
#33
4-Chloroaniline
Concen: 28.322 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

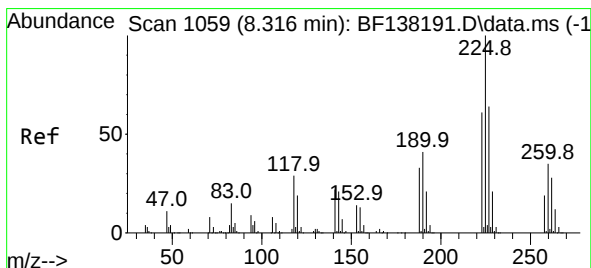
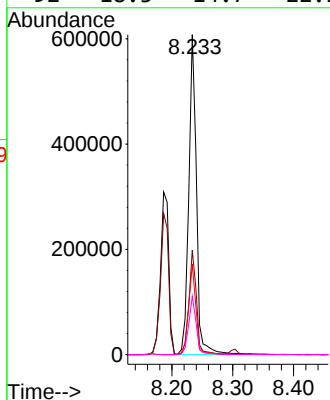
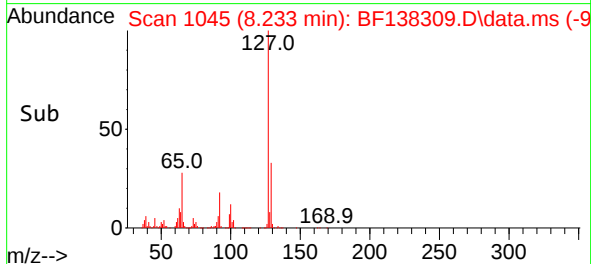


Tgt Ion:127 Resp: 532775
Ion Ratio Lower Upper
127 100
129 32.7 26.1 39.1
65 28.3 23.6 35.4
92 18.3 14.7 22.1

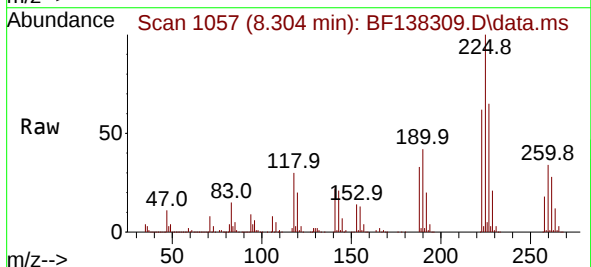
Manual Integrations

APPROVED

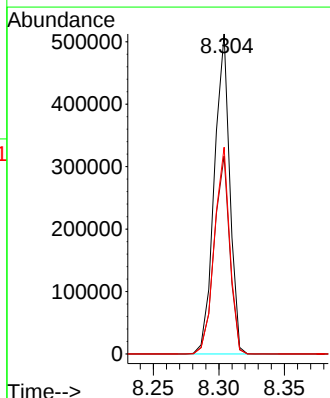
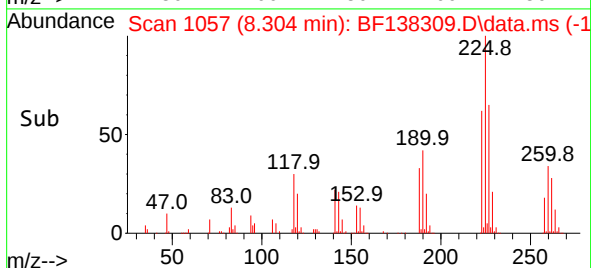
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

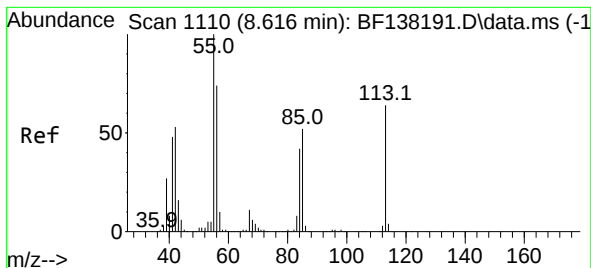


#34
Hexachlorobutadiene
Concen: 42.660 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42



Tgt Ion:225 Resp: 418785
Ion Ratio Lower Upper
225 100
223 61.9 49.0 73.6
227 64.6 51.2 76.8





#35

Caprolactam

Concen: 41.592 ng m

RT: 8.610 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

Tgt Ion:113 Resp: 178714

Ion Ratio Lower Upper

113 100

55 141.1 135.4 175.4

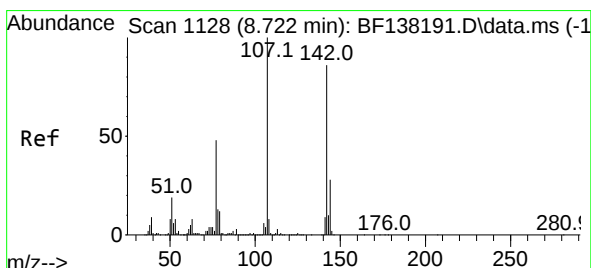
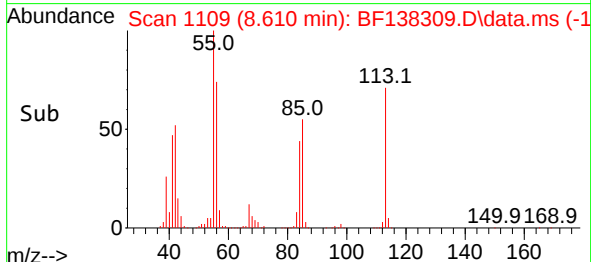
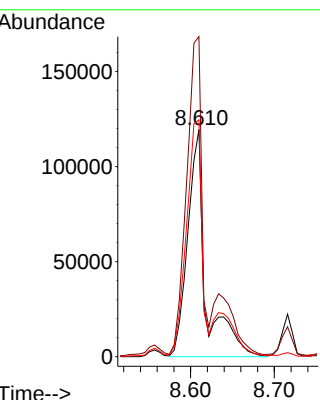
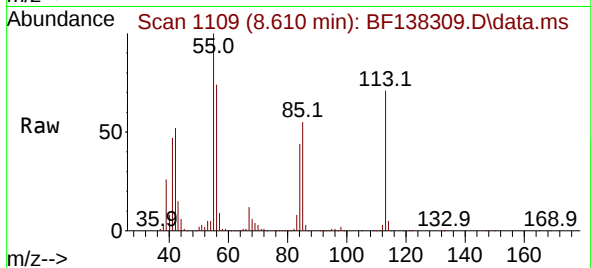
56 104.4 95.5 135.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#36

4-Chloro-3-methylphenol

Concen: 45.846 ng

RT: 8.716 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

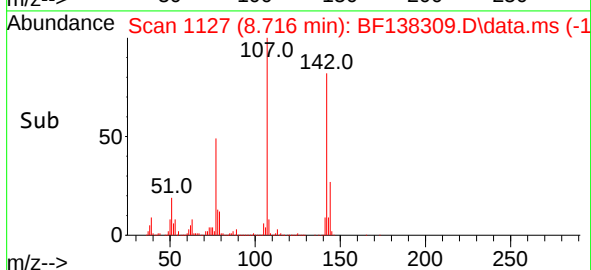
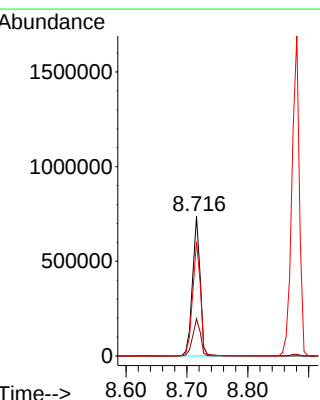
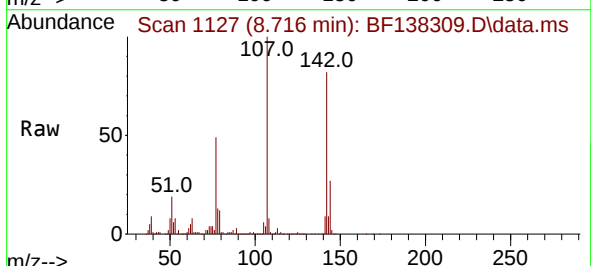
Tgt Ion:107 Resp: 649687

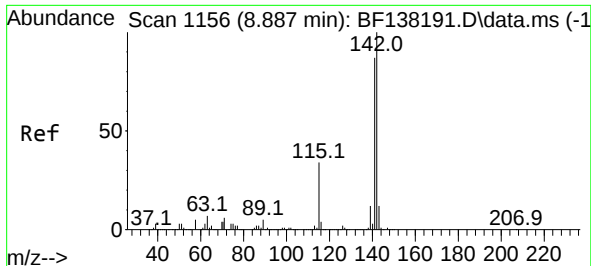
Ion Ratio Lower Upper

107 100

144 26.6 22.6 34.0

142 81.7 69.0 103.4





#37

2-Methylnaphthalene

Concen: 43.354 ng

RT: 8.880 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

Tgt Ion:142 Resp: 1432049

Ion Ratio Lower Upper

142 100

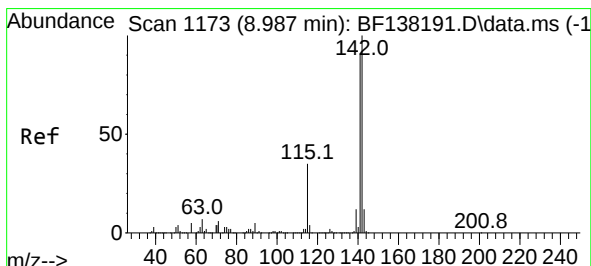
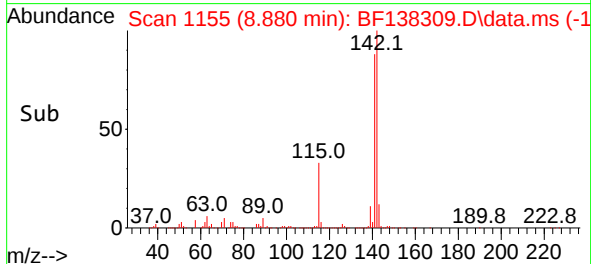
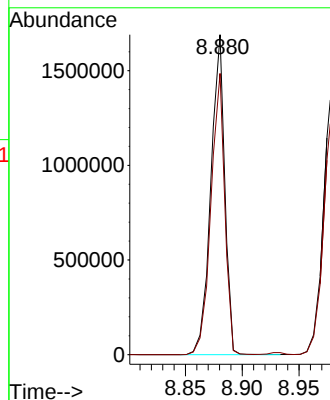
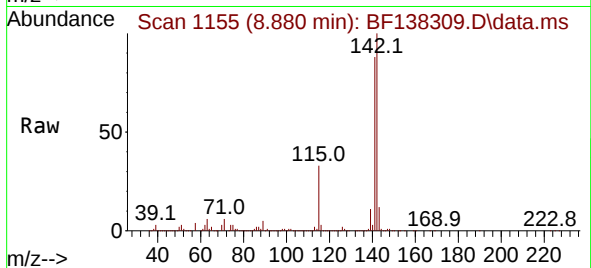
141 87.9 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#38

1-Methylnaphthalene

Concen: 41.029 ng

RT: 8.980 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF138309.D

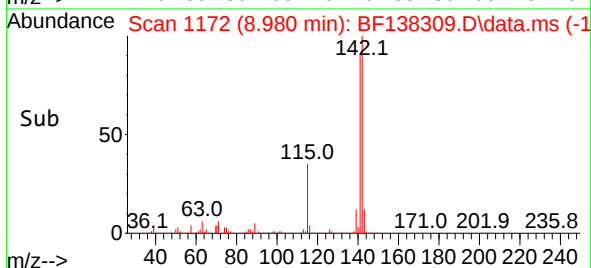
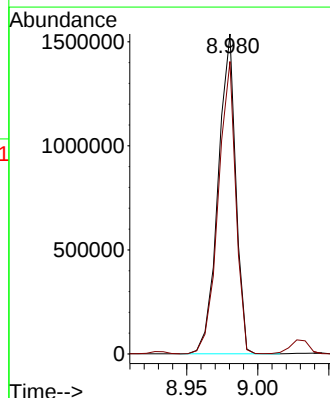
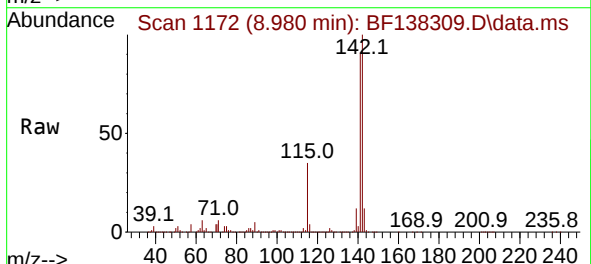
Acq: 24 Jun 2024 14:42

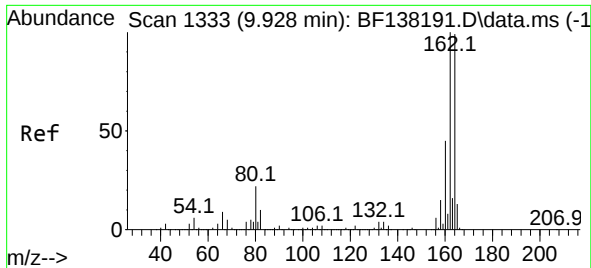
Tgt Ion:142 Resp: 1328079

Ion Ratio Lower Upper

142 100

141 91.4 72.8 109.2





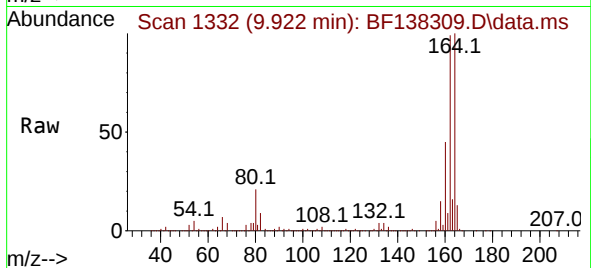
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

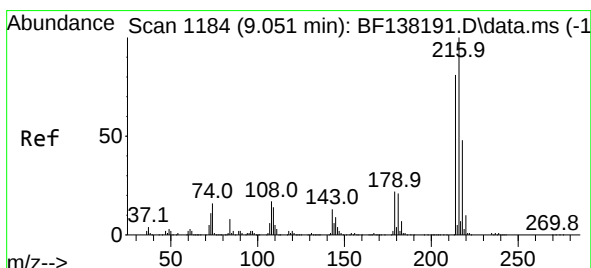
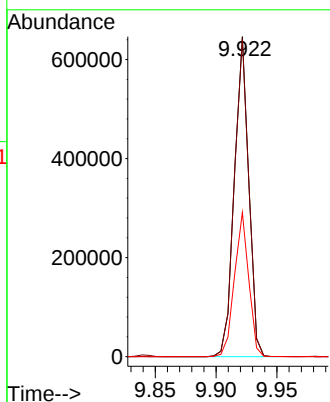
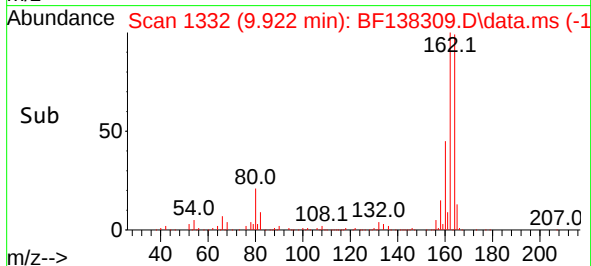


Tgt Ion:164 Resp: 529068
Ion Ratio Lower Upper
164 100
162 99.4 80.6 121.0
160 45.1 36.3 54.5

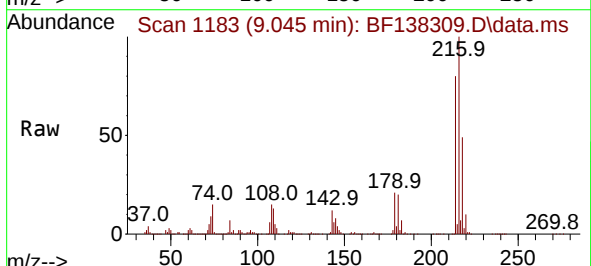
Manual Integrations

APPROVED

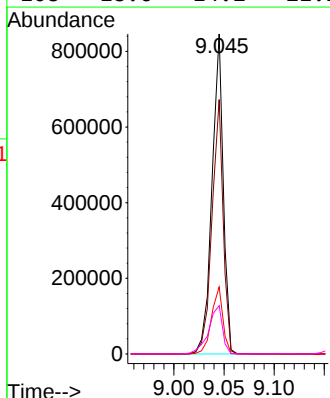
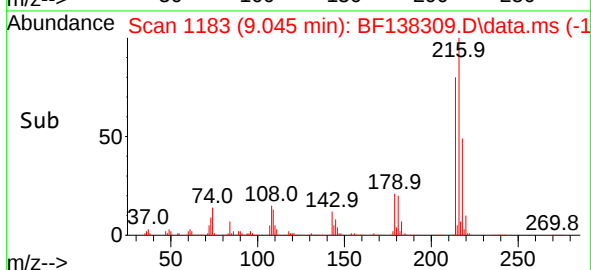
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

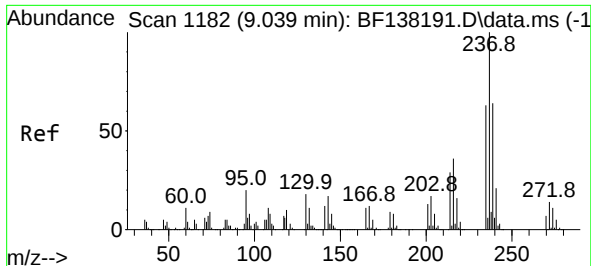


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.647 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42



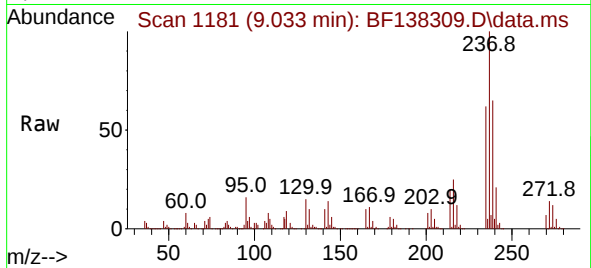
Tgt Ion:216 Resp: 659336
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 21.2 16.9 25.3
108 18.6 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 106.836 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

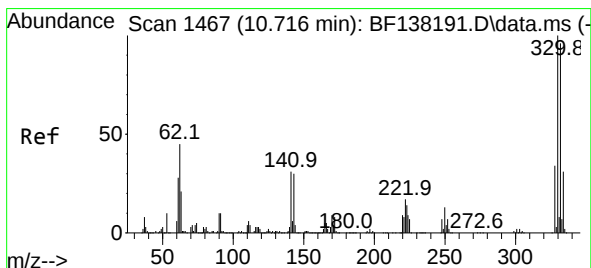
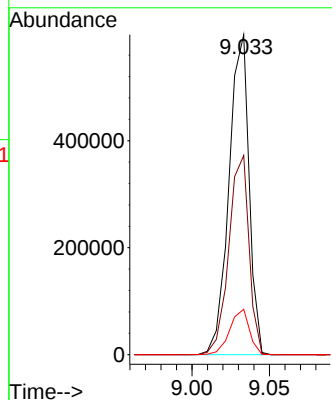
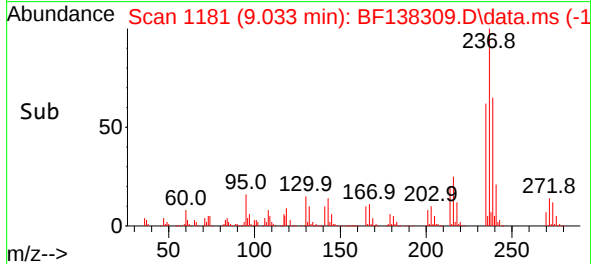
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS



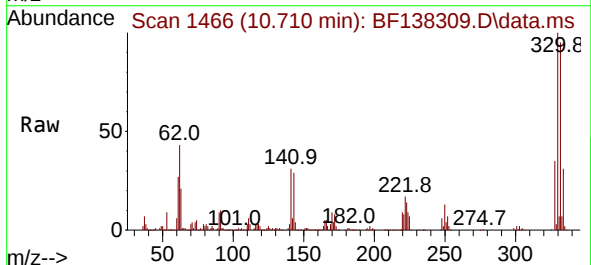
Tgt Ion:237 Resp: 538574
Ion Ratio Lower Upper
237 100
235 62.2 43.3 83.3
272 14.2 0.0 34.0

Manual Integrations
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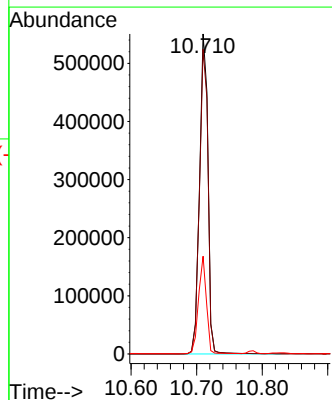
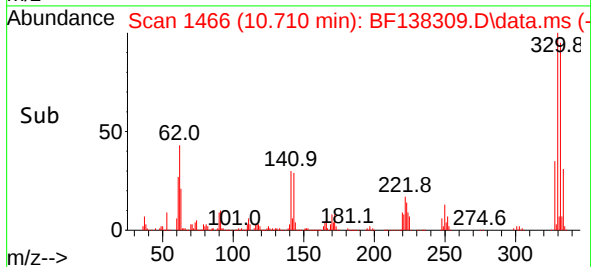
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

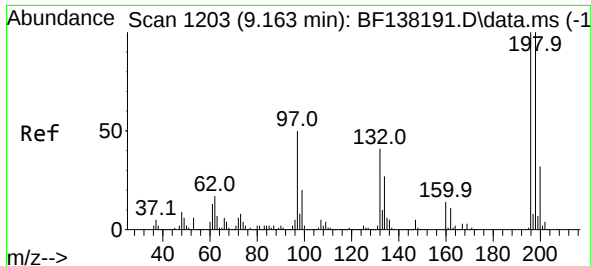


#42
2,4,6-Tribromophenol
Concen: 93.804 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42



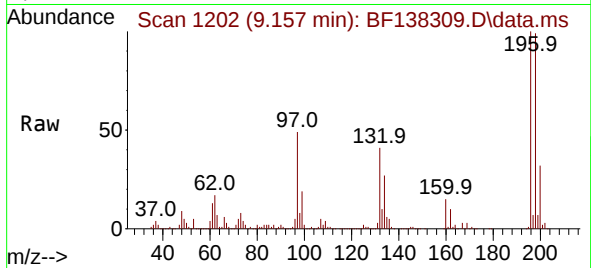
Tgt Ion:330 Resp: 494066
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 28.7 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 48.638 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

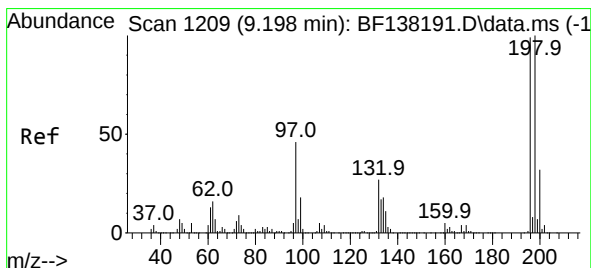
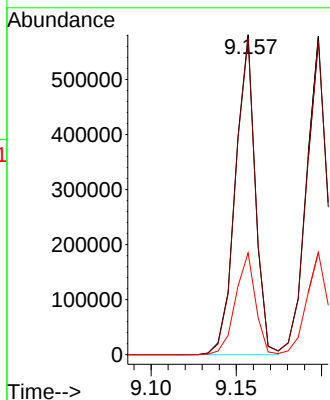
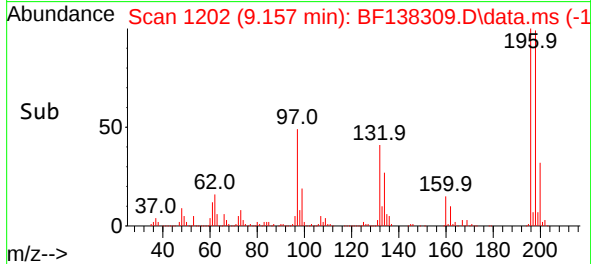
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS



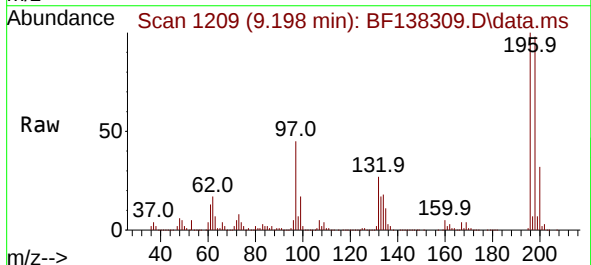
Tgt Ion:196 Resp: 470839
Ion Ratio Lower Upper
196 100
198 98.9 79.8 119.6
200 31.8 25.9 38.9

Manual Integrations
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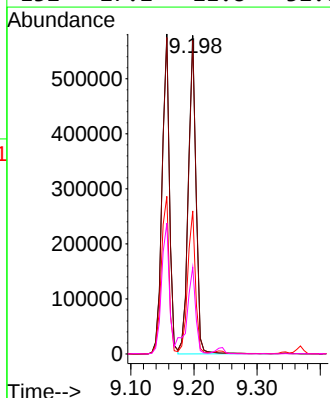
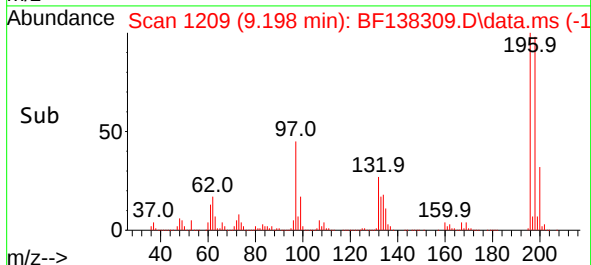
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

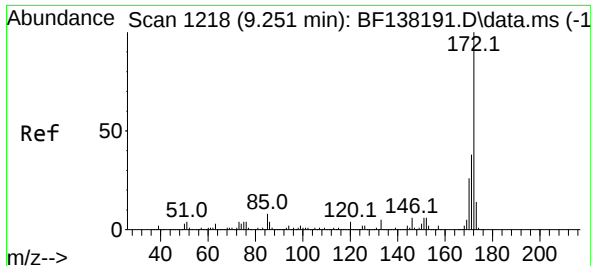


#44
2,4,5-Trichlorophenol
Concen: 46.086 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42



Tgt Ion:196 Resp: 489934
Ion Ratio Lower Upper
196 100
198 98.4 80.4 120.6
97 44.9 37.4 56.2
132 27.2 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 67.407 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

Tgt Ion:172 Resp: 224273

Ion Ratio Lower Upper

172 100

171 36.1 30.3 45.5

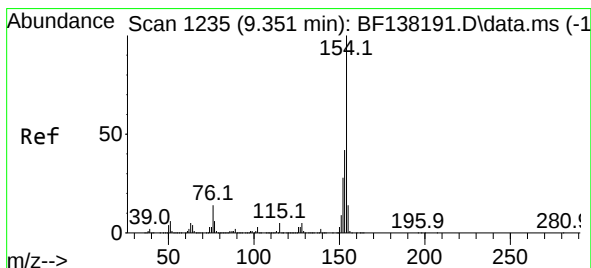
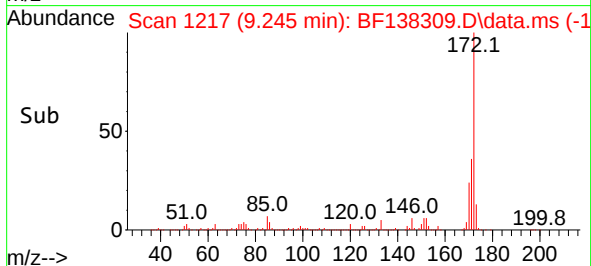
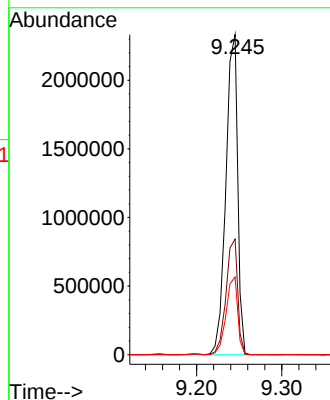
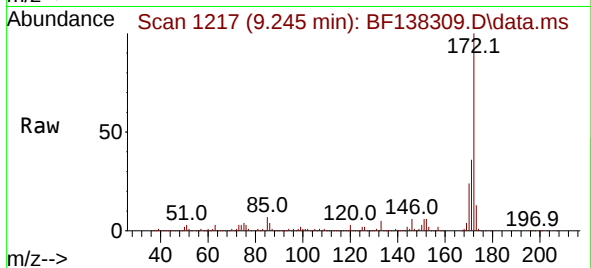
170 24.3 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#46

1,1'-Biphenyl

Concen: 42.049 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

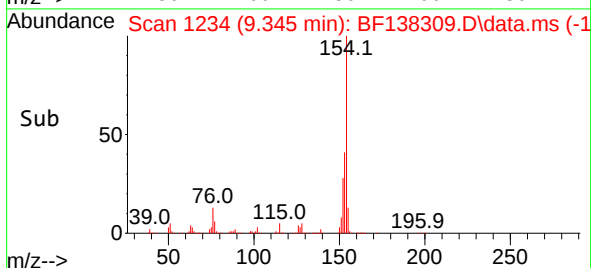
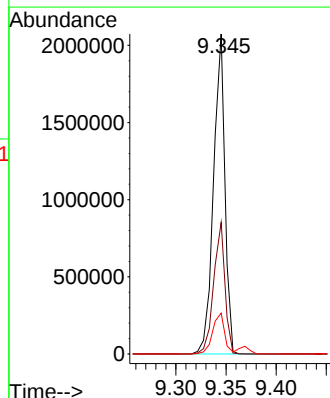
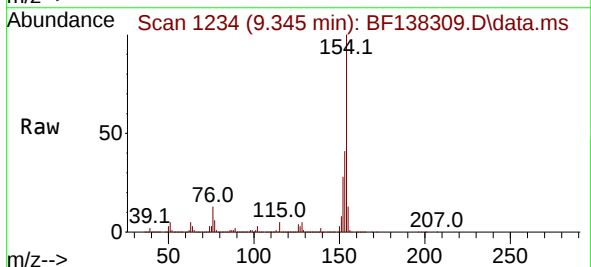
Tgt Ion:154 Resp: 1632438

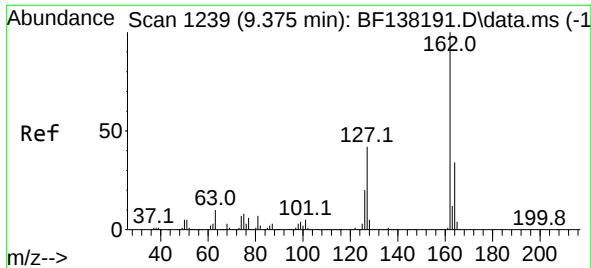
Ion Ratio Lower Upper

154 100

153 41.1 22.1 62.1

76 12.7 0.0 34.3





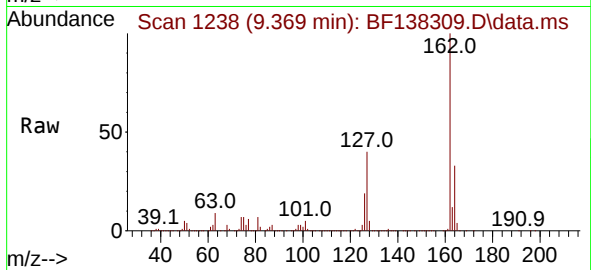
#47
2-Chloronaphthalene
Concen: 44.466 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS



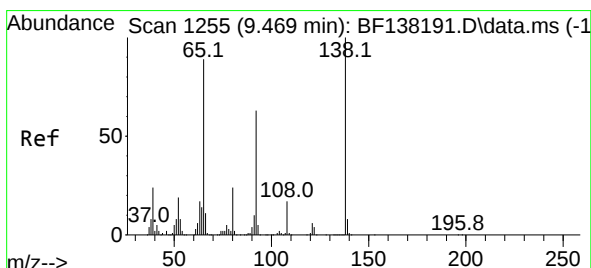
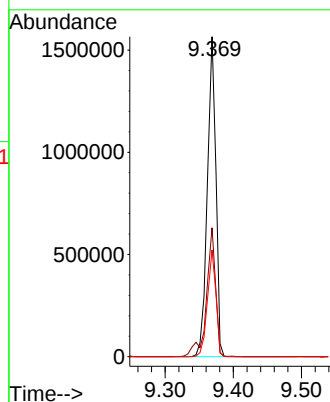
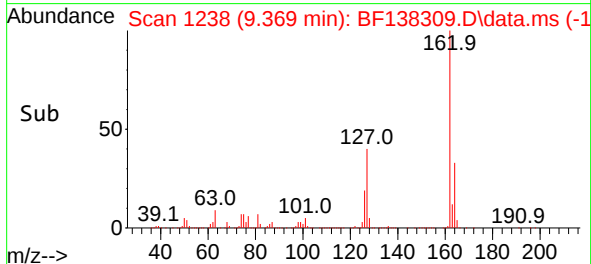
Tgt Ion:162 Resp: 136429
Ion Ratio Lower Upper
162 100
127 40.3 33.6 50.4
164 33.4 27.2 40.8

Manual Integrations

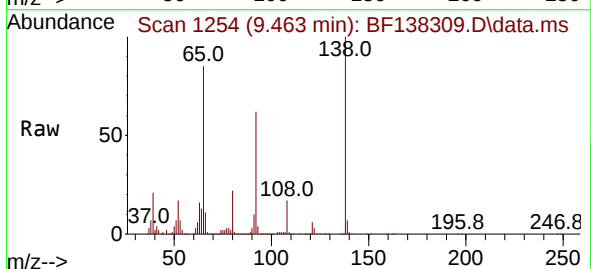
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

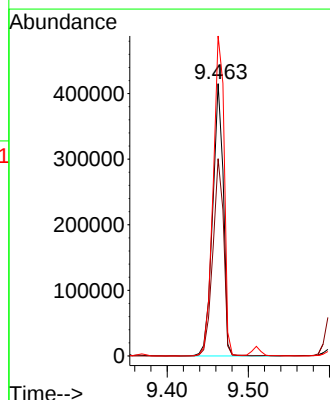
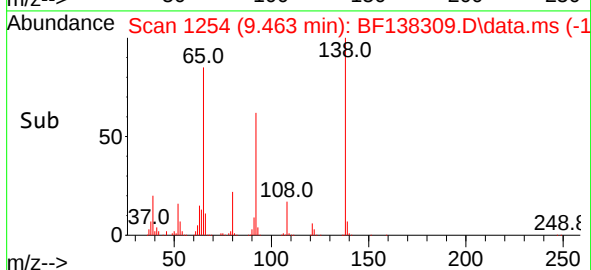
Supervised By :mohammad ahmed 06/26/2024

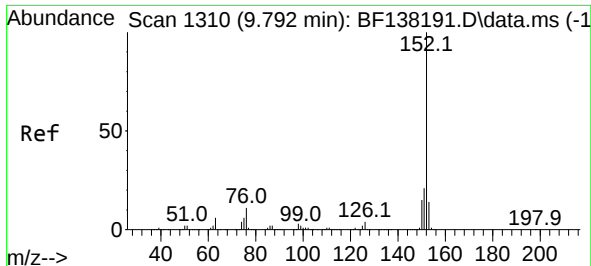


#48
2-Nitroaniline
Concen: 51.204 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42



Tgt Ion: 65 Resp: 378339
Ion Ratio Lower Upper
65 100
92 72.4 56.6 85.0
138 117.5 90.1 135.1





#49

Acenaphthylene

Concen: 47.108 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

Tgt Ion:152 Resp: 202673

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

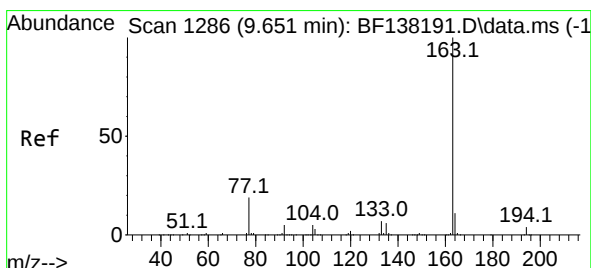
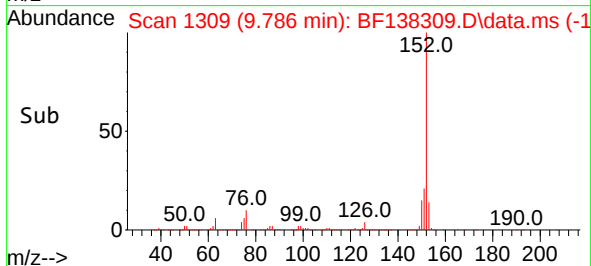
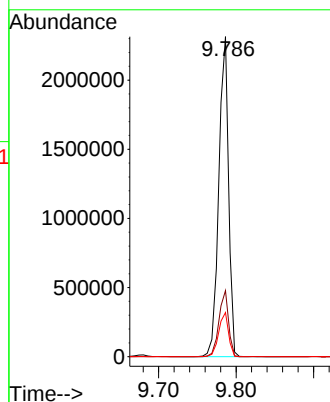
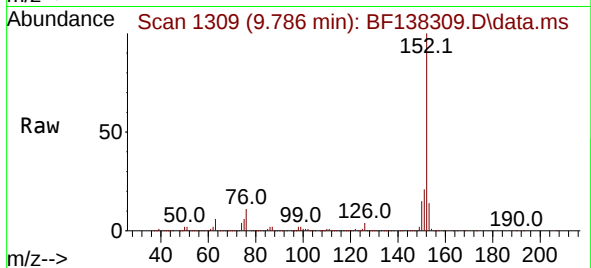
153 13.8 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#50

Dimethylphthalate

Concen: 48.797 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

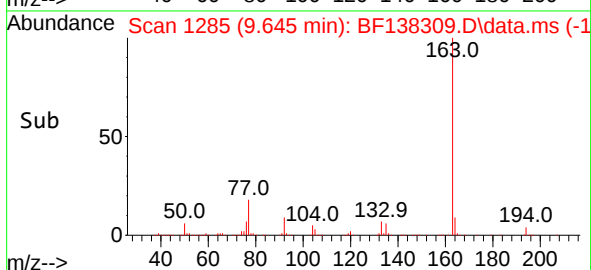
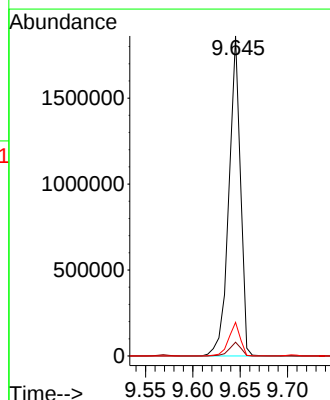
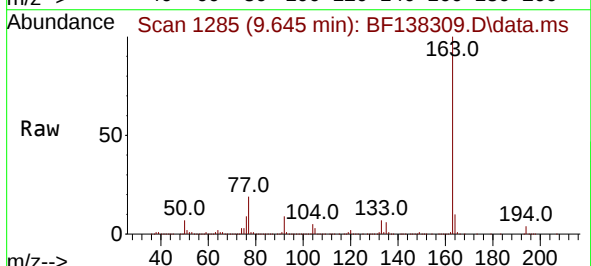
Tgt Ion:163 Resp: 1581830

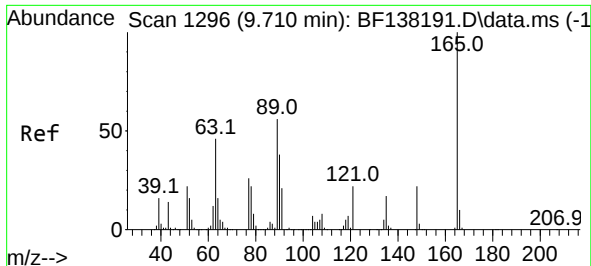
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.5 8.5 12.7





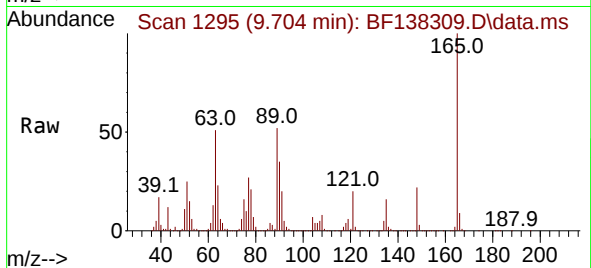
#51
2,6-Dinitrotoluene
Concen: 50.492 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

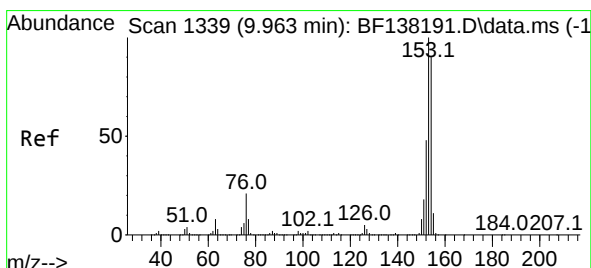
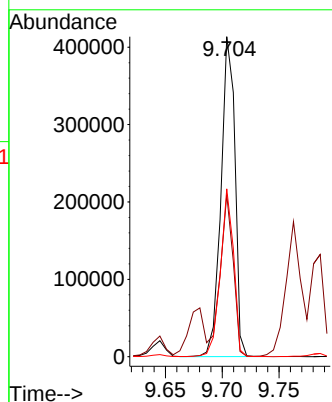
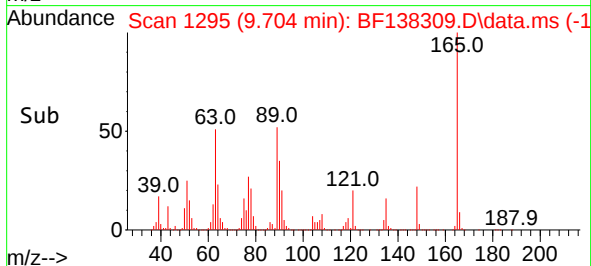


Tgt Ion:165 Resp: 35508
Ion Ratio Lower Upper
165 100
63 50.7 43.7 65.5
89 52.4 44.9 67.3

Manual Integrations

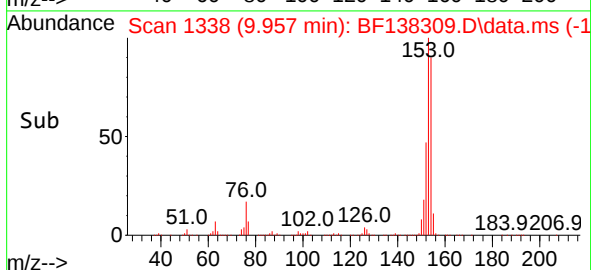
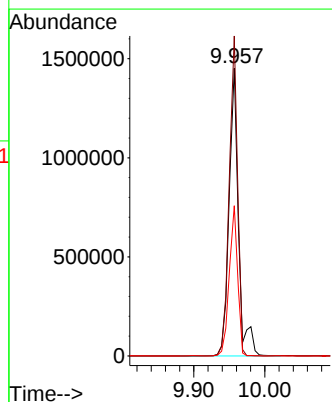
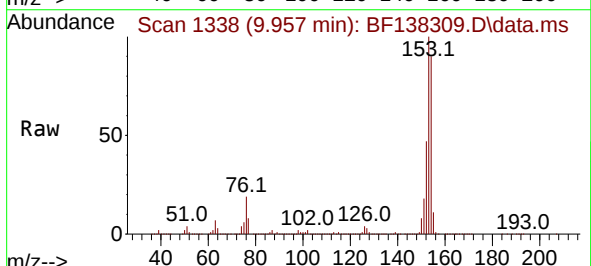
APPROVED

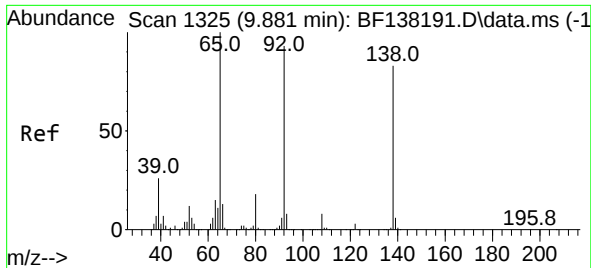
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#52
Acenaphthene
Concen: 45.297 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:154 Resp: 1328896
Ion Ratio Lower Upper
154 100
153 111.2 89.1 133.7
152 52.2 42.4 63.6





#53
3-Nitroaniline
Concen: 37.294 ng
RT: 9.874 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

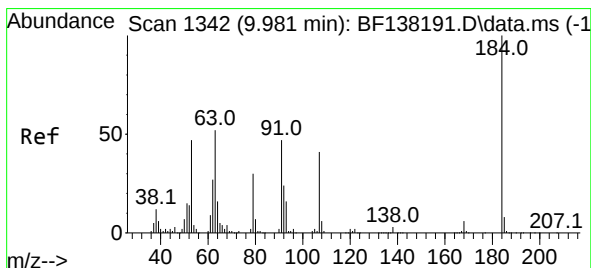
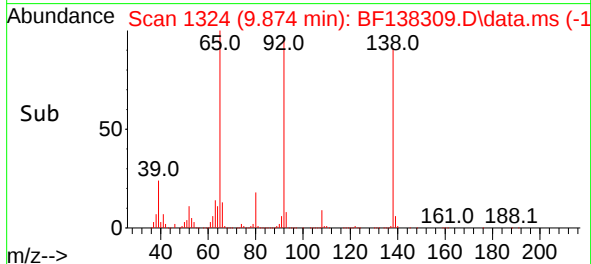
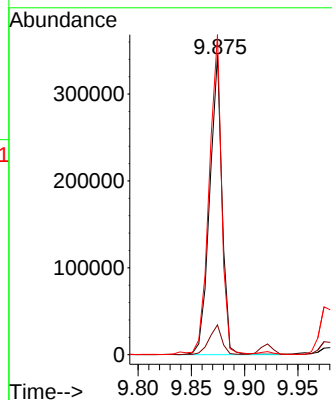
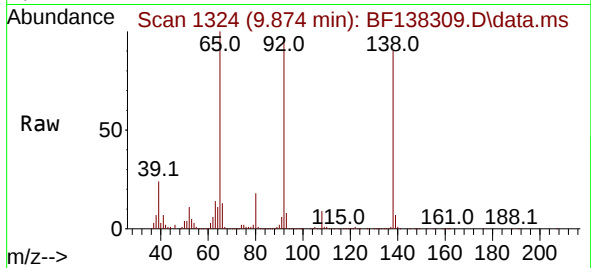
WCS-TPLMS

Tgt Ion:138 Resp: 280170
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 106.7 90.0 135.0

Manual Integrations

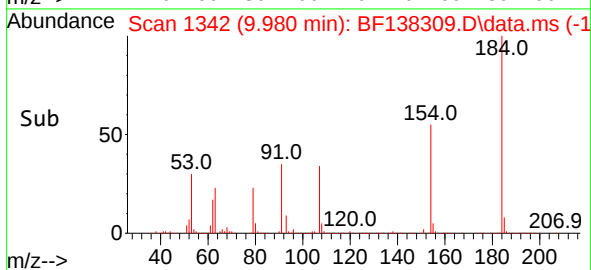
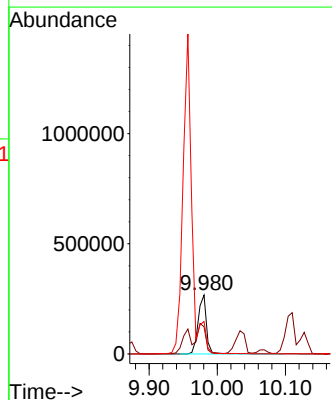
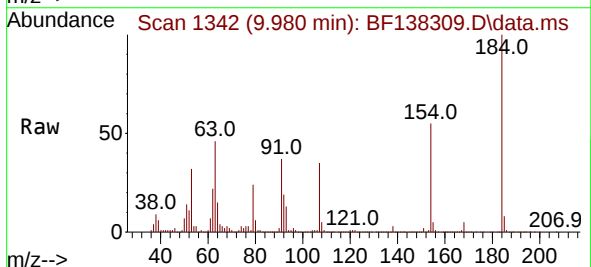
APPROVED

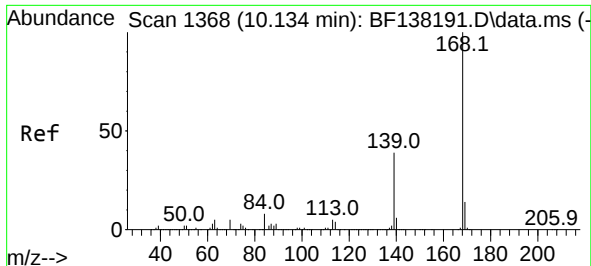
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#54
2,4-Dinitrophenol
Concen: 67.676 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:184 Resp: 227015
Ion Ratio Lower Upper
184 100
63 46.2 49.2 73.8#
154 55.3 46.7 70.1





#55

Dibenzenofuran

Concen: 44.483 ng

RT: 10.127 min Scan# 1367

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

Tgt Ion:168 Resp: 1824329

Ion Ratio Lower Upper

168 100

139 38.4 31.0 46.4

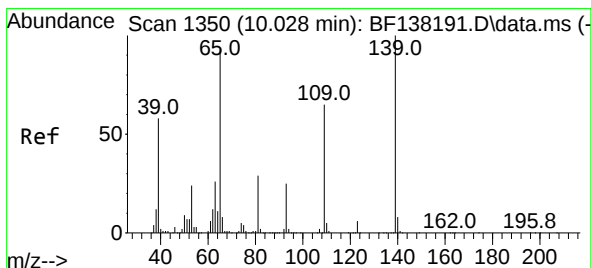
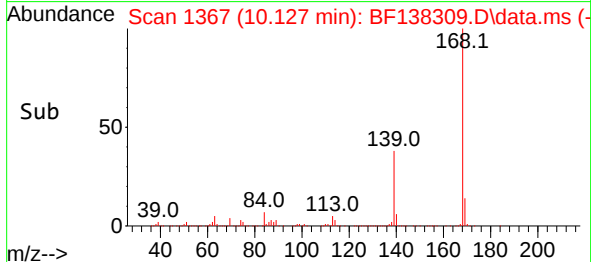
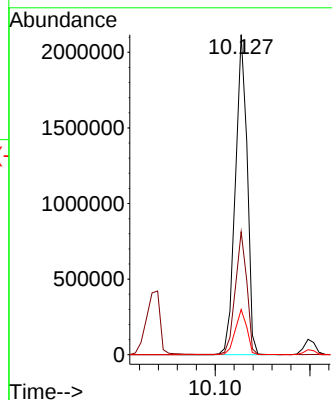
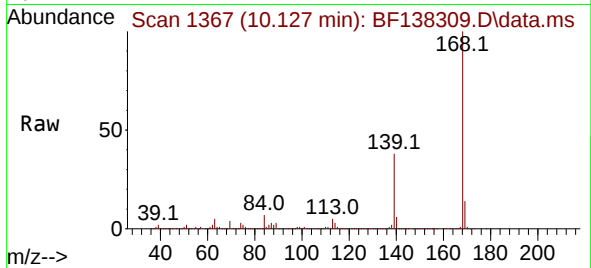
169 14.1 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#56

4-Nitrophenol

Concen: 73.160 ng

RT: 10.039 min Scan# 1352

Delta R.T. 0.012 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

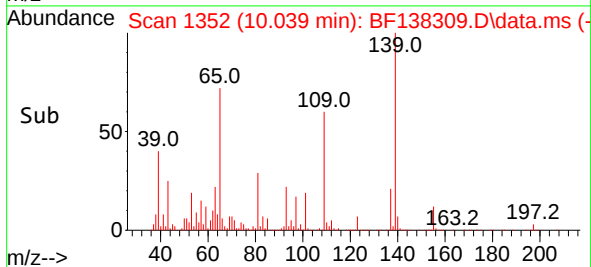
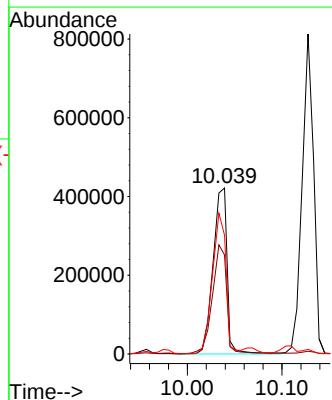
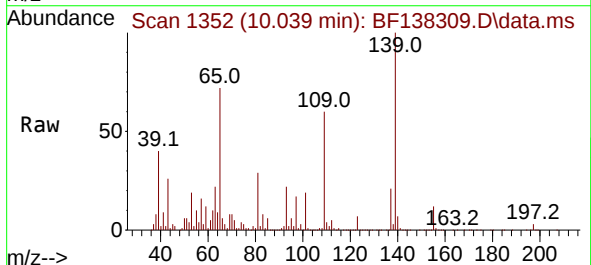
Tgt Ion:139 Resp: 434343

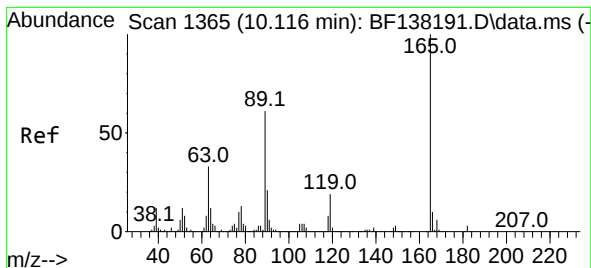
Ion Ratio Lower Upper

139 100

109 59.7 44.6 84.6

65 71.7 73.1 113.1#





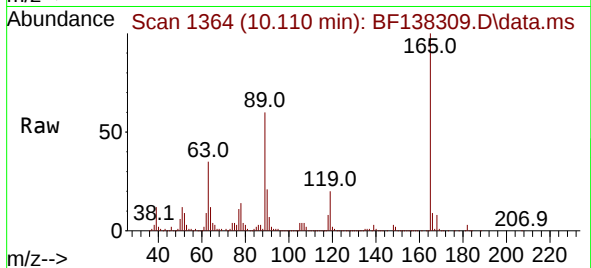
#57
2,4-Dinitrotoluene
Concen: 51.023 ng
RT: 10.110 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

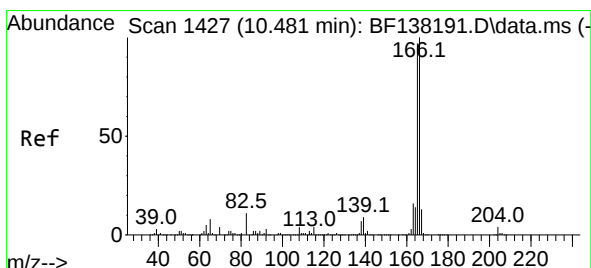
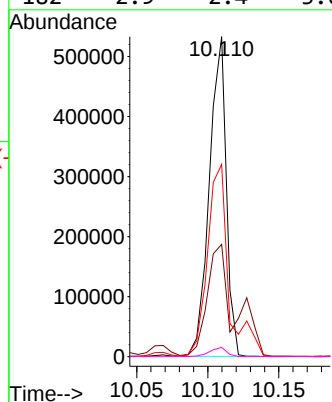
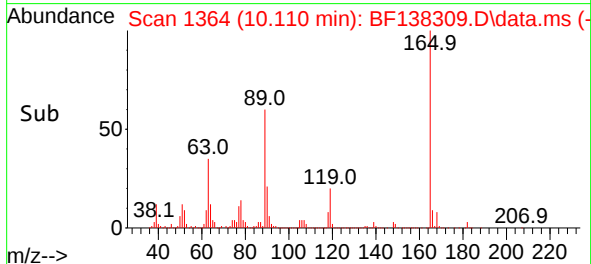


Tgt Ion:165 Resp: 442561
Ion Ratio Lower Upper
165 100
63 35.1 26.6 39.8
89 60.1 48.7 73.1
182 2.9 2.4 3.6

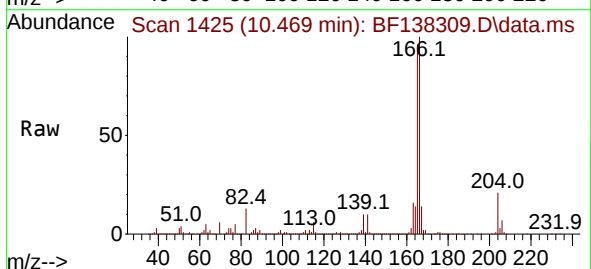
Manual Integrations

APPROVED

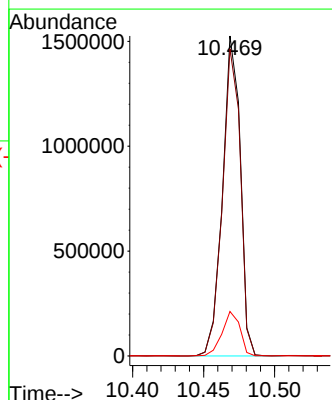
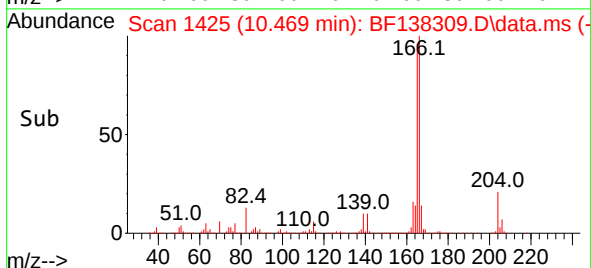
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

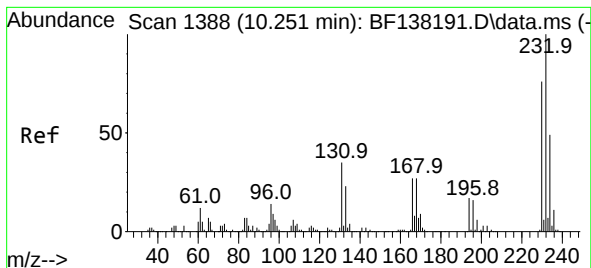


#58
Fluorene
Concen: 41.024 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42



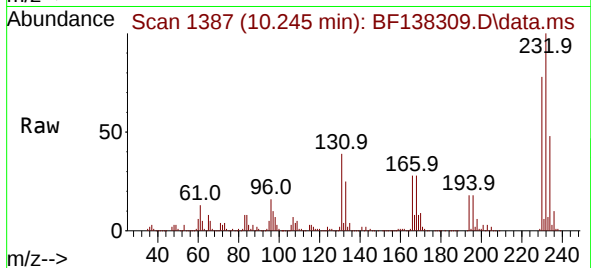
Tgt Ion:166 Resp: 1322831
Ion Ratio Lower Upper
166 100
165 96.0 77.9 116.9
167 13.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.483 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

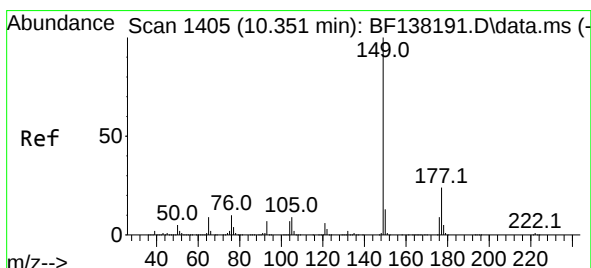
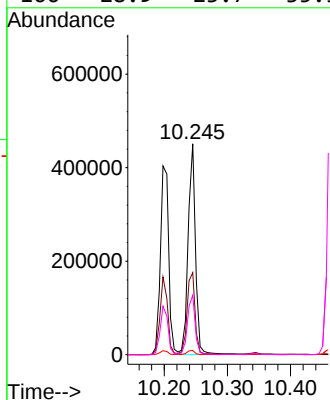
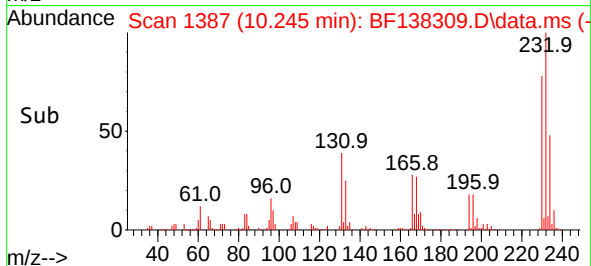
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS



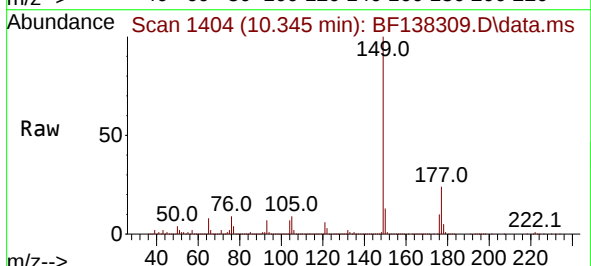
Tgt Ion:232 Resp: 369578
Ion Ratio Lower Upper
232 100
131 41.8 33.6 50.4
130 2.2 1.7 2.5
166 28.9 23.7 35.5

Manual Integrations
APPROVED

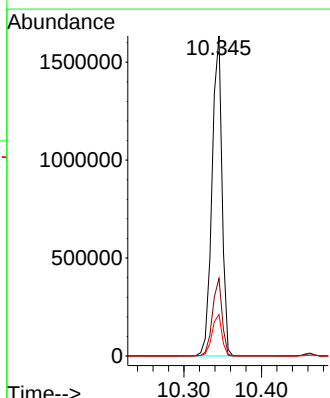
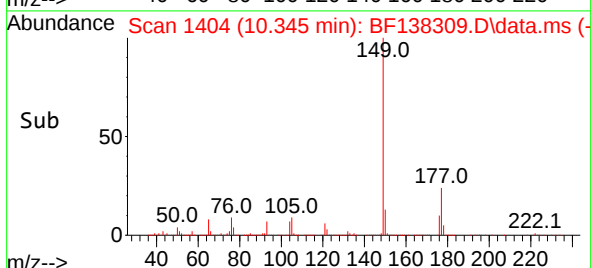
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

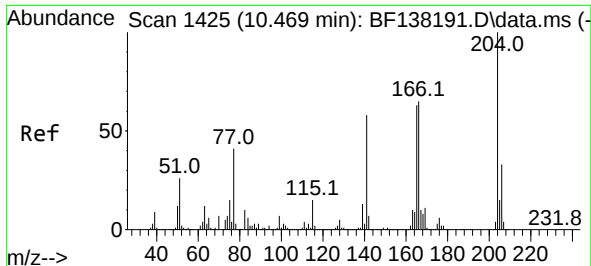


#60
Diethylphthalate
Concen: 47.650 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42



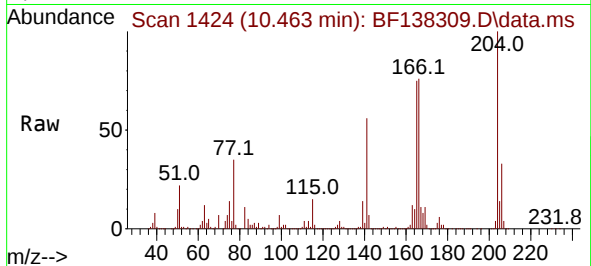
Tgt Ion:149 Resp: 1465998
Ion Ratio Lower Upper
149 100
177 24.2 19.4 29.0
150 13.0 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.581 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

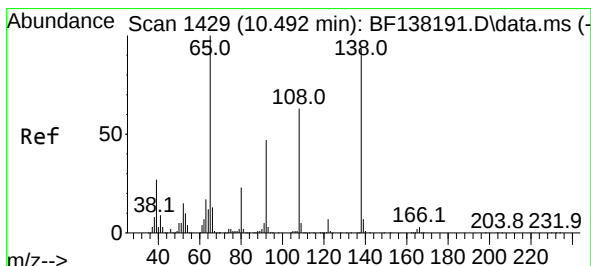
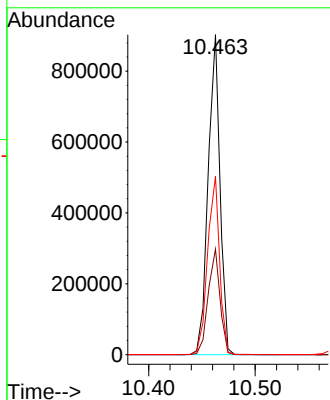
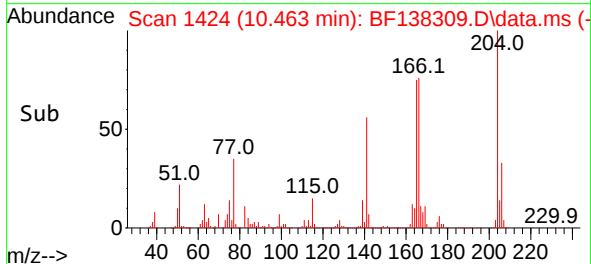
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS



Tgt Ion:204 Resp: 699880
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 55.7 46.3 69.5

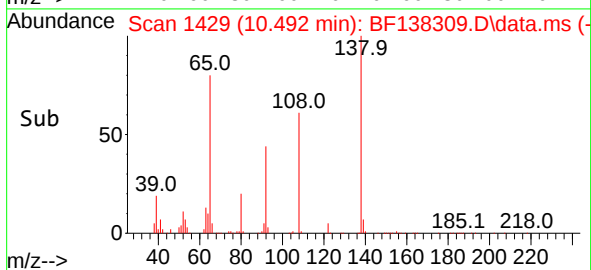
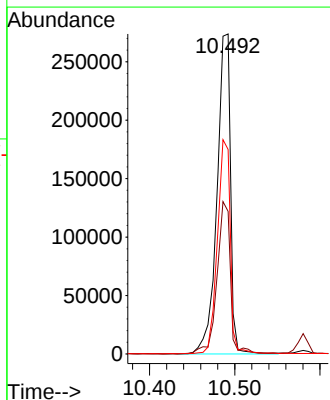
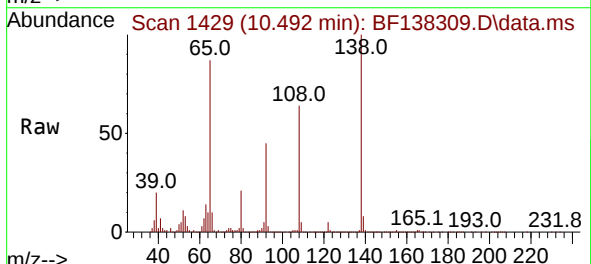
Manual Integrations
APPROVED

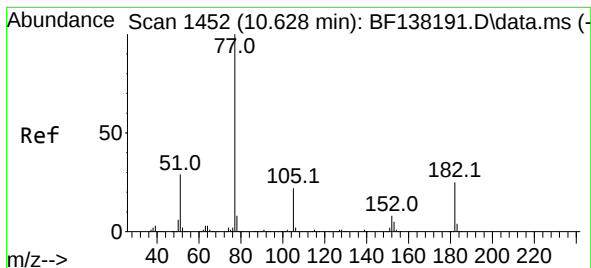
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#62
4-Nitroaniline
Concen: 40.322 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:138 Resp: 302668
Ion Ratio Lower Upper
138 100
92 44.5 30.9 70.9
108 63.9 47.8 87.8





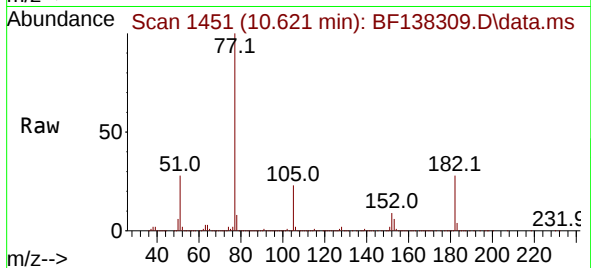
#63
Azobenzene
Concen: 43.254 ng
RT: 10.621 min Scan# 1452
Delta R.T. -0.007 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS



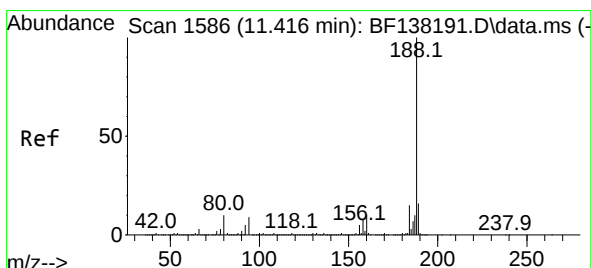
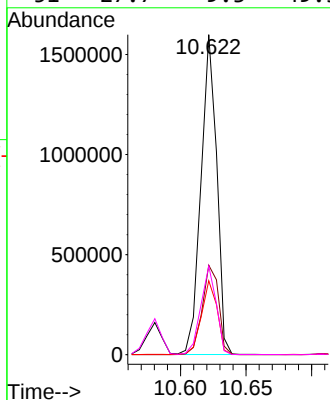
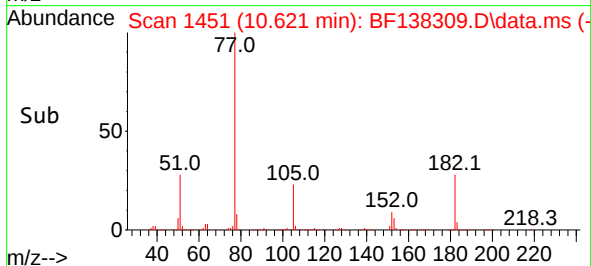
Tgt Ion: 77 Resp: 133320
Ion Ratio Lower Upper
77 100
182 28.0 5.5 45.5
105 23.1 1.8 41.8
51 27.7 9.3 49.3

Manual Integrations

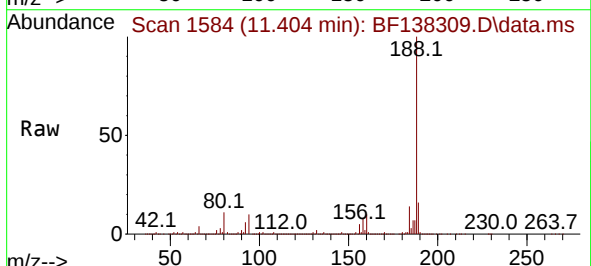
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

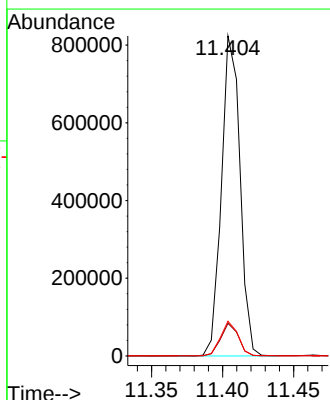
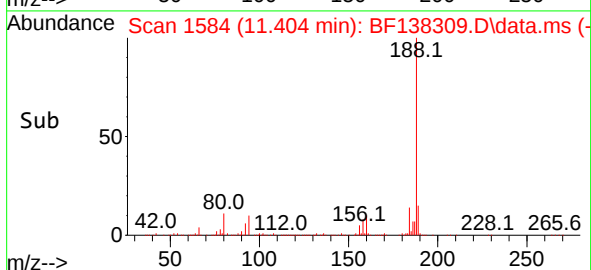
Supervised By :mohammad ahmed 06/26/2024

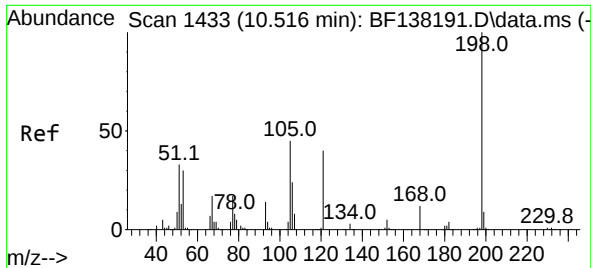


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42



Tgt Ion:188 Resp: 746446
Ion Ratio Lower Upper
188 100
94 10.2 7.6 11.4
80 10.8 8.1 12.1





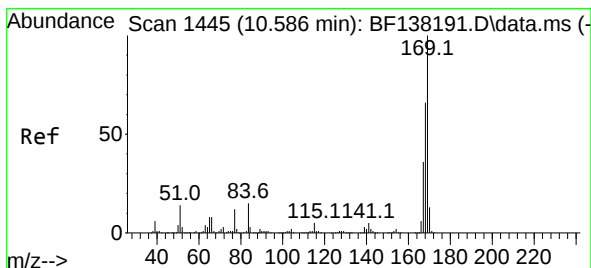
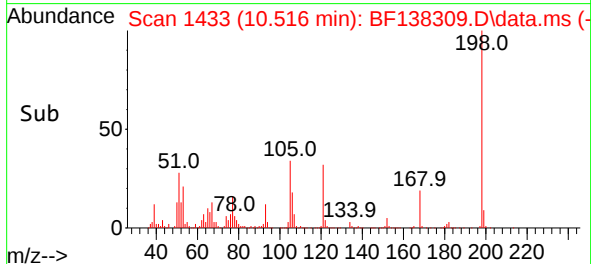
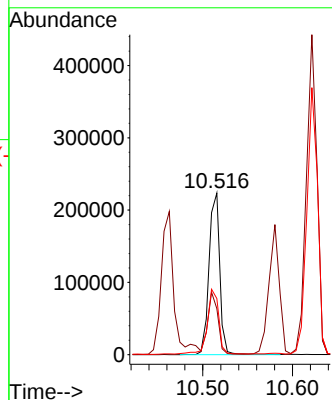
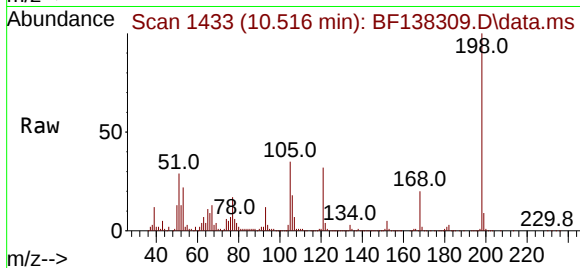
#65
4,6-Dinitro-2-methylphenol
Concen: 48.771 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS

Tgt Ion:198 Resp: 185999
Ion Ratio Lower Upper
198 100
51 28.5 26.9 66.9
105 34.7 26.0 66.0

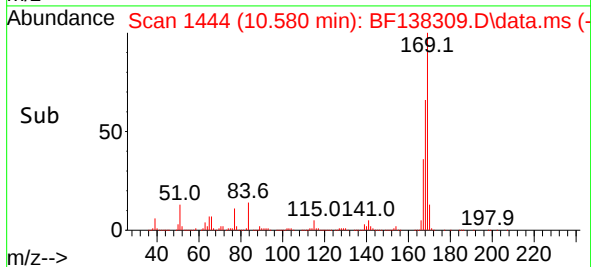
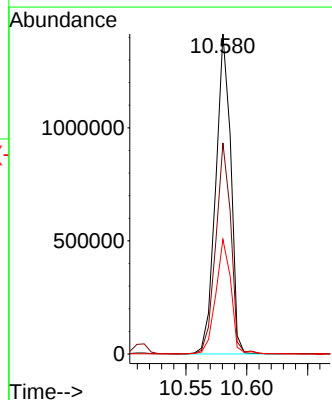
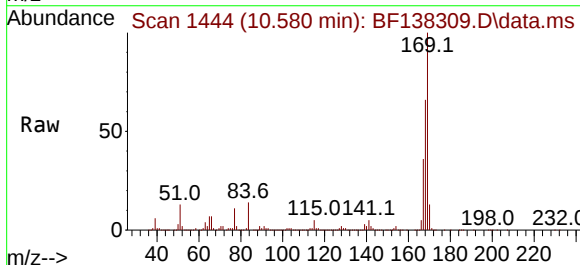
Manual Integrations
APPROVED

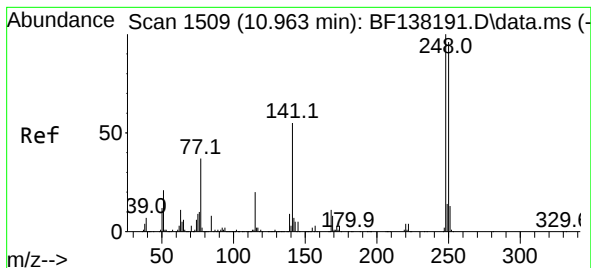
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#66
n-Nitrosodiphenylamine
Concen: 53.069 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:169 Resp: 1212778
Ion Ratio Lower Upper
169 100
168 65.9 52.9 79.3
167 35.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 52.329 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

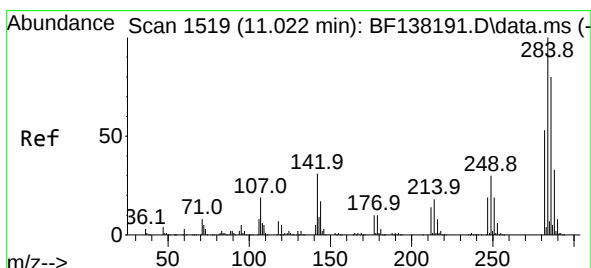
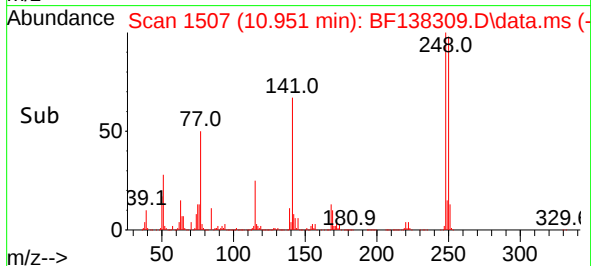
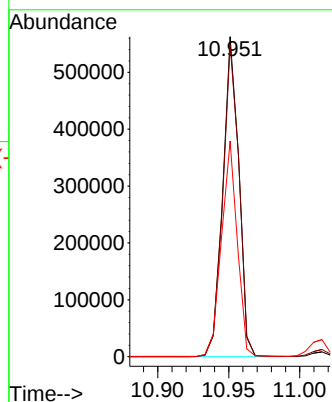
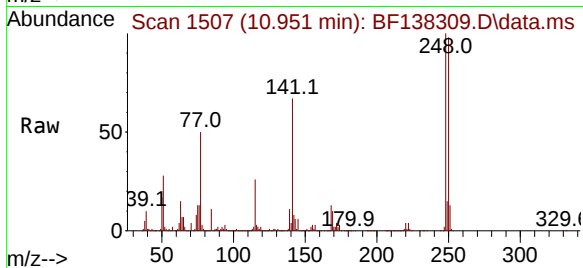
WCS-TPLMS

Tgt Ion:248 Resp: 440149
Ion Ratio Lower Upper
248 100
250 97.6 77.2 115.8
141 67.4 44.1 66.1

Manual Integrations

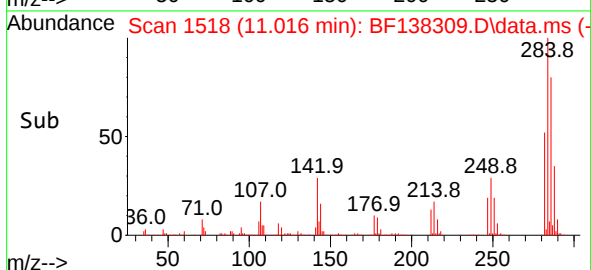
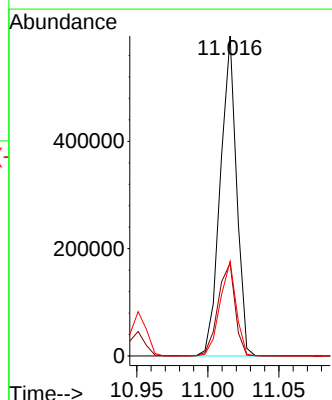
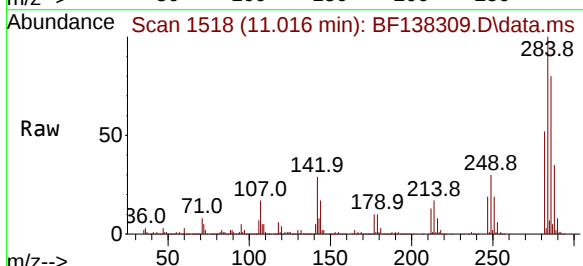
APPROVED

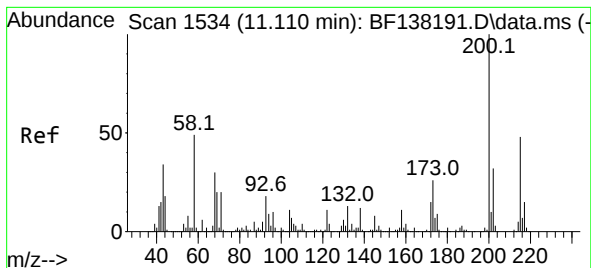
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#68
Hexachlorobenzene
Concen: 48.204 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:284 Resp: 473162
Ion Ratio Lower Upper
284 100
142 29.0 24.8 37.2
249 29.6 23.8 35.6





#69

Atrazine

Concen: 53.229 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

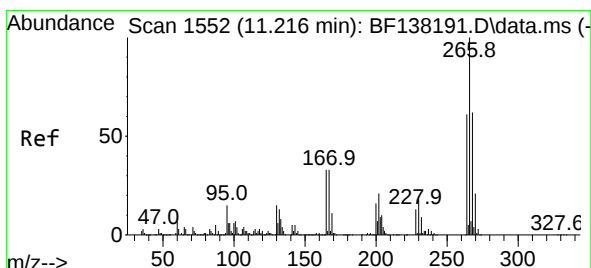
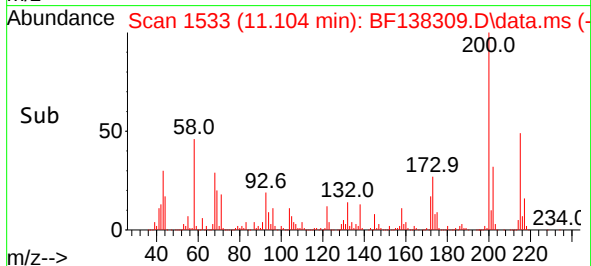
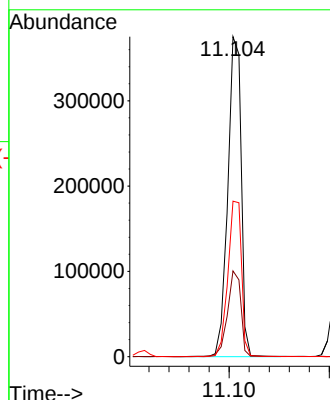
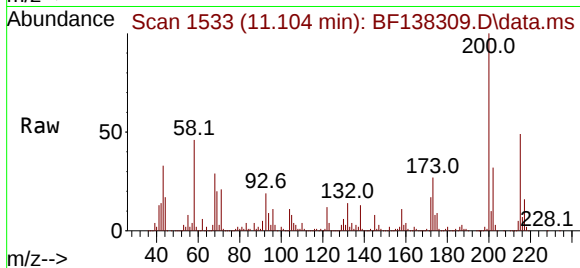
Tgt Ion:200 Resp: 346475
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.3 46.3
 215 48.6 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#70

Pentachlorophenol

Concen: 77.242 ng

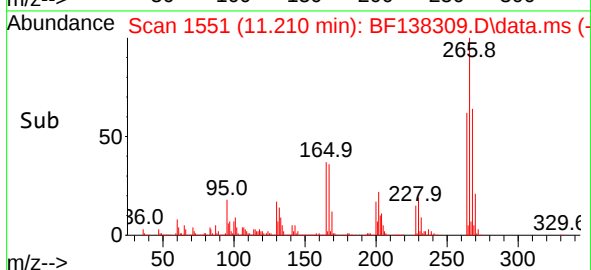
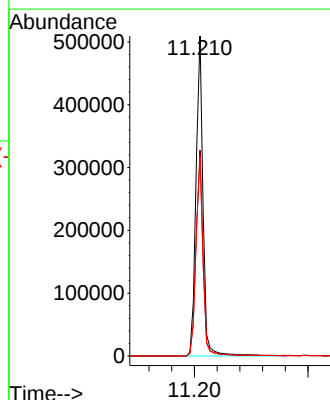
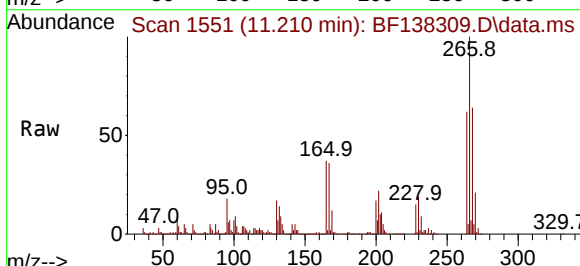
RT: 11.210 min Scan# 1551

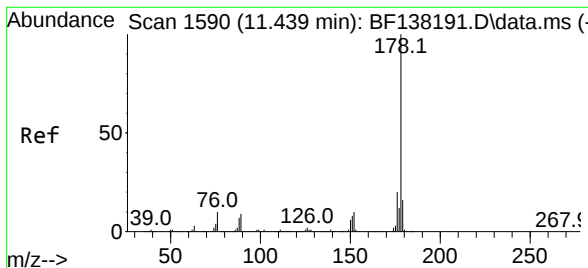
Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

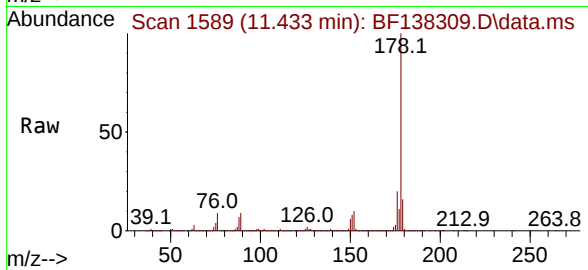
Tgt Ion:266 Resp: 442187
 Ion Ratio Lower Upper
 266 100
 268 64.3 49.5 74.3
 264 62.2 49.2 73.8





#71
Phenanthrene
Concen: 46.278 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

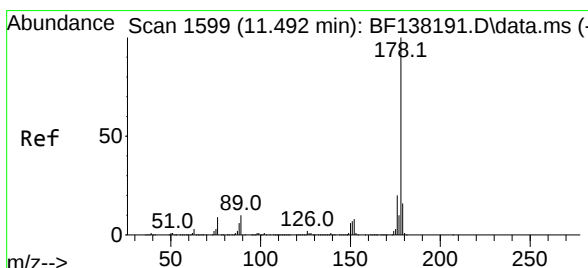
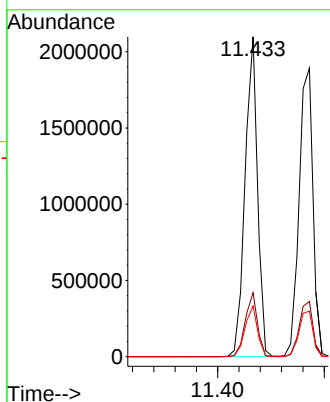
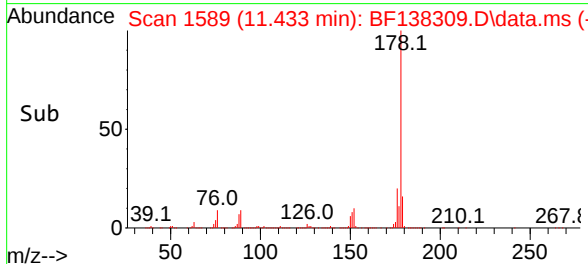
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS



Tgt Ion:178 Resp: 1708324
Ion Ratio Lower Upper
178 100
176 20.0 16.4 24.6
179 15.8 13.1 19.7

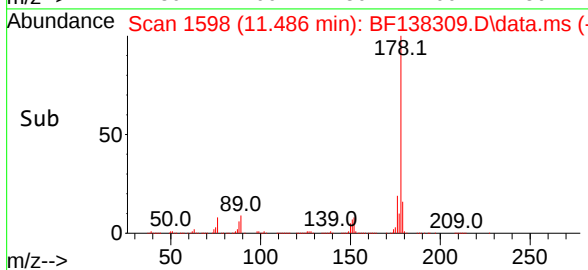
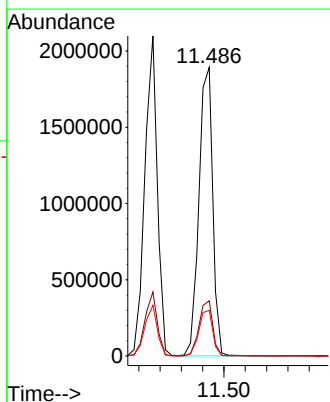
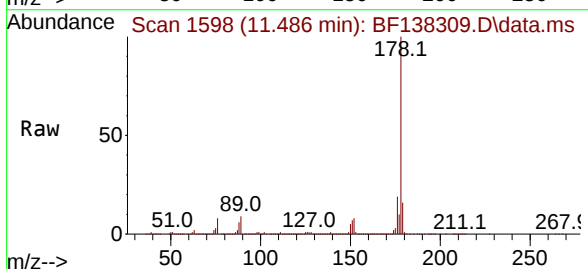
Manual Integrations
APPROVED

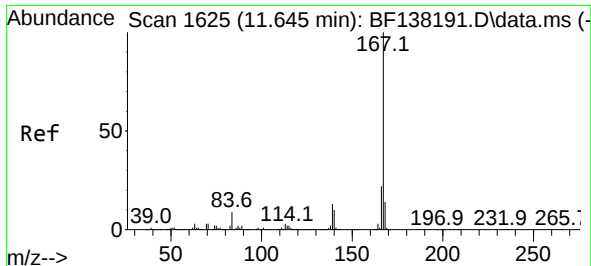
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#72
Anthracene
Concen: 46.677 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:178 Resp: 1710759
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.8 13.0 19.6





#73
 Carbazole
 Concen: 41.656 ng
 RT: 11.639 min Scan# 1624
 Delta R.T. -0.006 min
 Lab File: BF138309.D
 Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

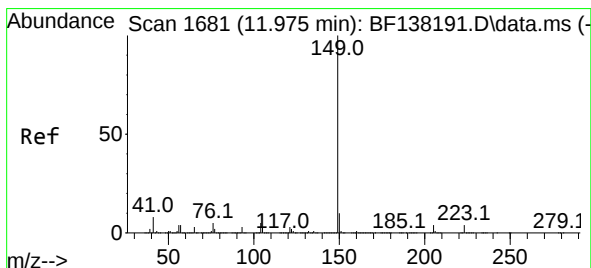
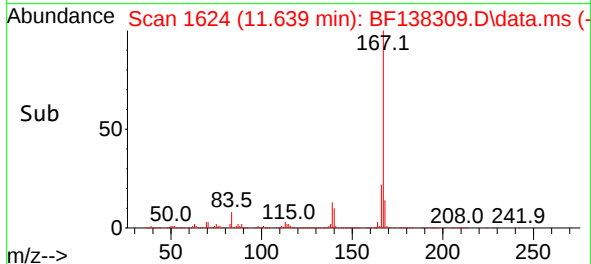
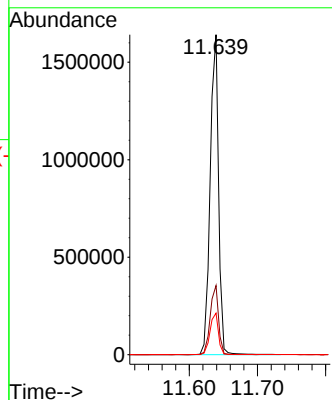
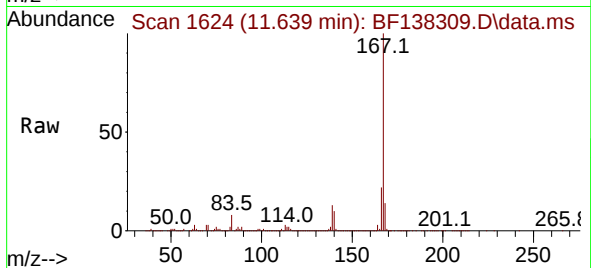
WCS-TPLMS

Tgt Ion:167 Resp: 1400307
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.0 27.0
 139 13.0 10.6 16.0

Manual Integrations

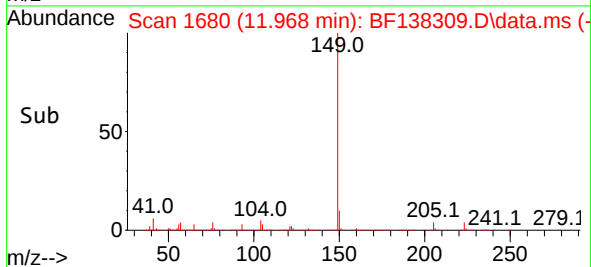
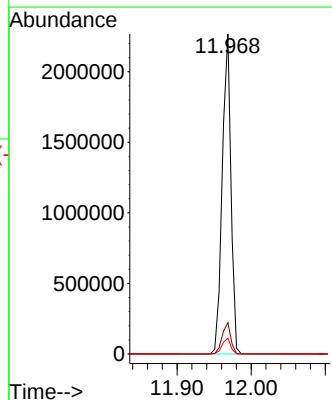
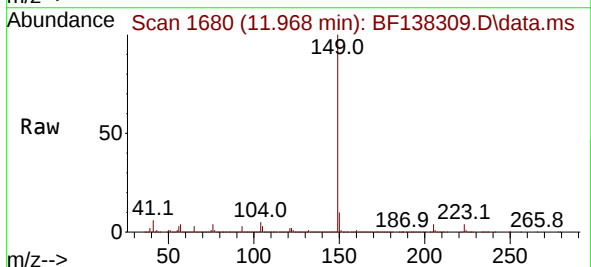
APPROVED

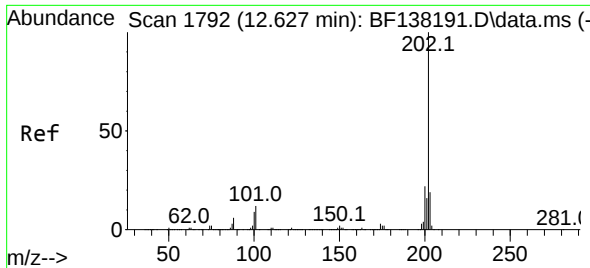
Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/26/2024



#74
 Di-n-butylphthalate
 Concen: 53.178 ng
 RT: 11.968 min Scan# 1680
 Delta R.T. -0.006 min
 Lab File: BF138309.D
 Acq: 24 Jun 2024 14:42

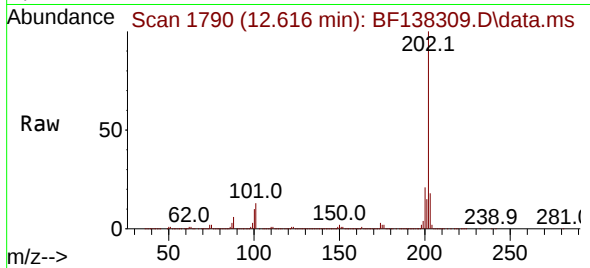
Tgt Ion:149 Resp: 1850612
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.2 12.2
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 42.142 ng
RT: 12.616 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

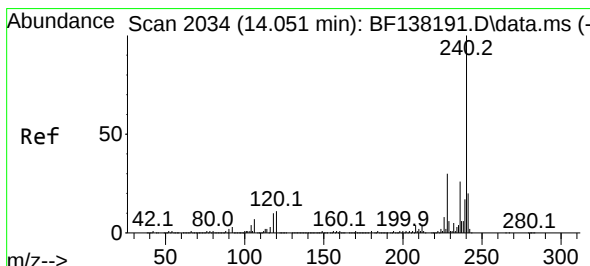
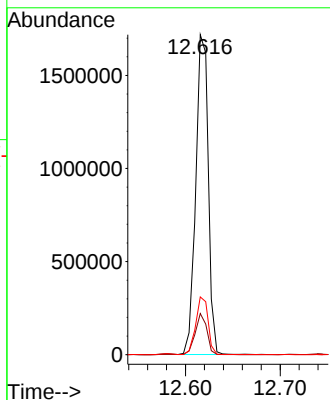
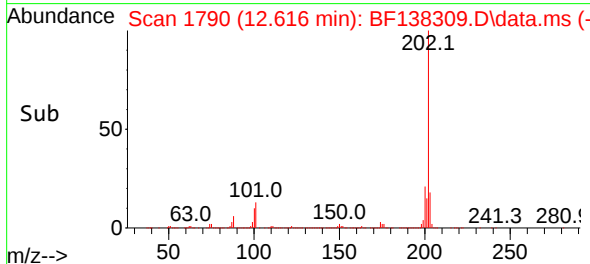
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS



Tgt Ion:202 Resp: 1586334
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.8
203 18.0 0.0 38.6

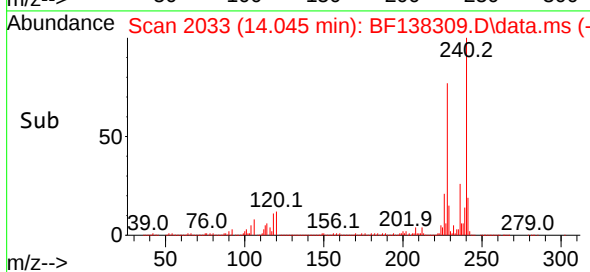
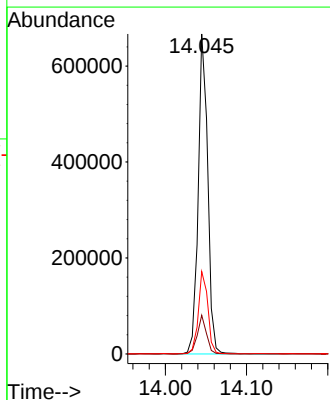
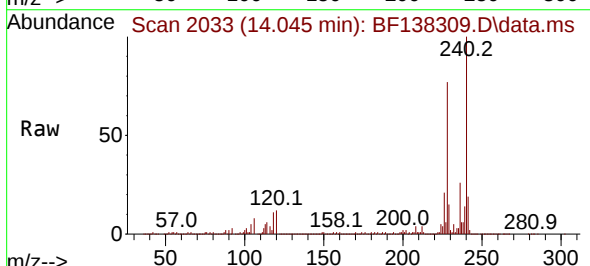
Manual Integrations
APPROVED

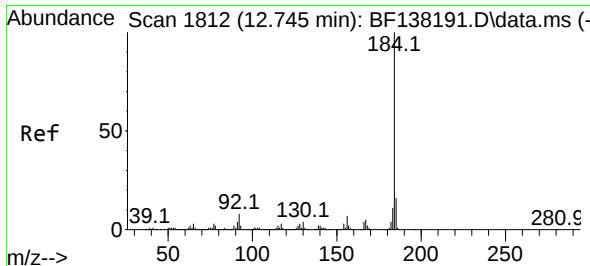
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

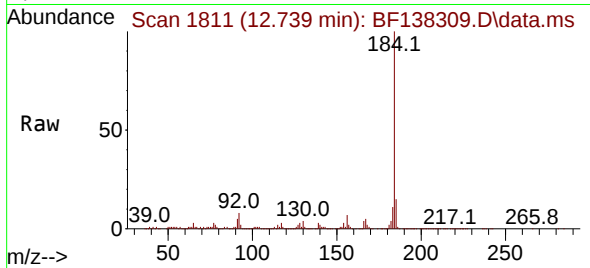
Tgt Ion:240 Resp: 546209
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.8 21.0 31.6





#77
Benzidine
Concen: 81.332 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

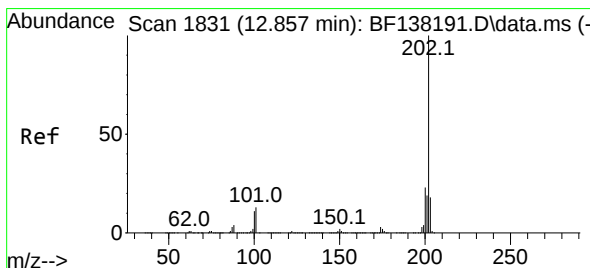
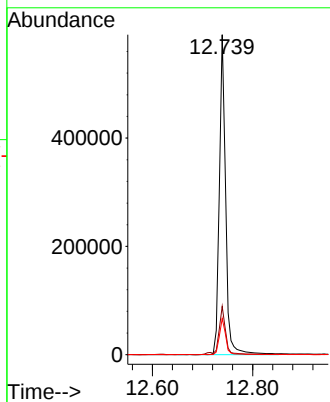
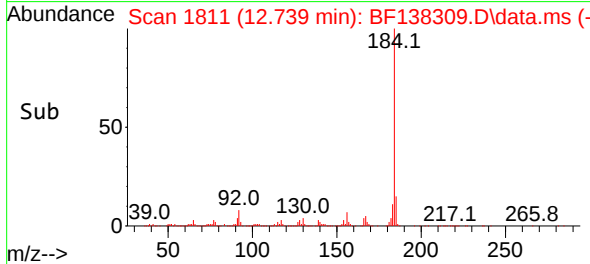
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMS



Tgt Ion:184 Resp: 51384
Ion Ratio Lower Upper
184 100
185 15.1 12.6 19.0
183 11.3 9.0 13.6

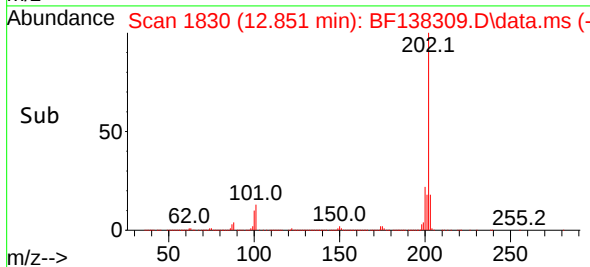
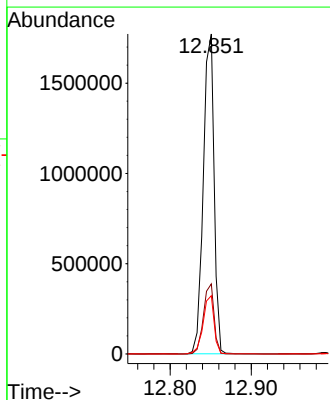
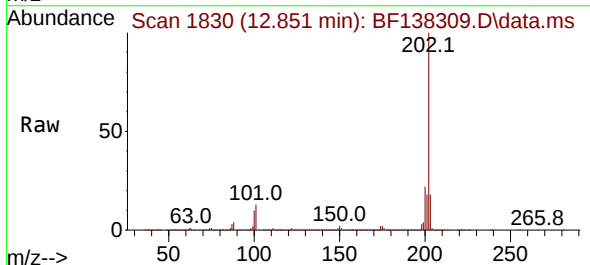
Manual Integrations
APPROVED

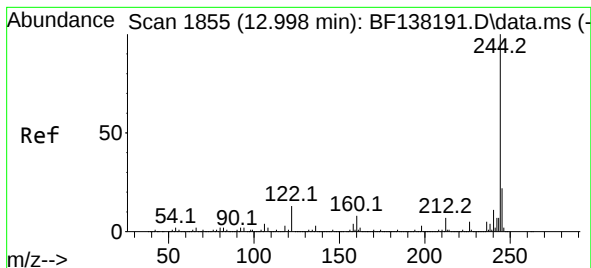
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#78
Pyrene
Concen: 34.708 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:202 Resp: 1635201
Ion Ratio Lower Upper
202 100
200 21.9 18.0 27.0
203 18.2 14.7 22.1





#79

Terphenyl-d14

Concen: 55.061 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138309.D

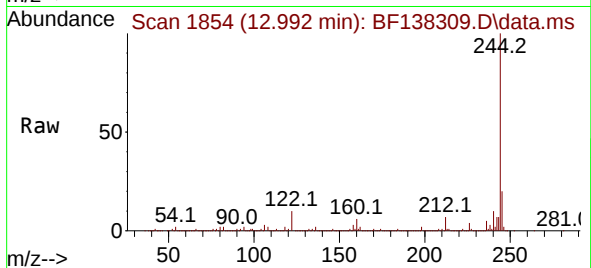
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS



Tgt Ion:244 Resp: 1898880

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

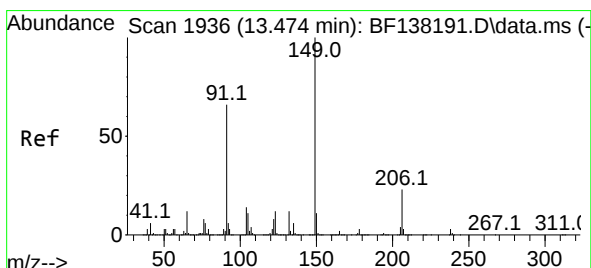
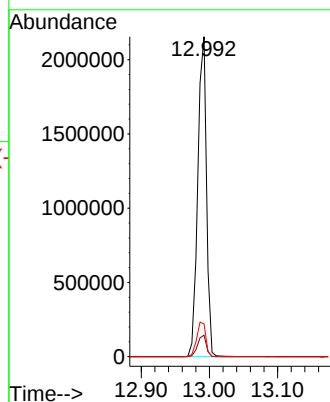
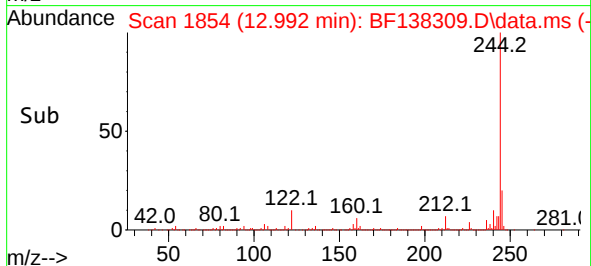
122 10.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#80

Butylbenzylphthalate

Concen: 55.873 ng

RT: 13.468 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

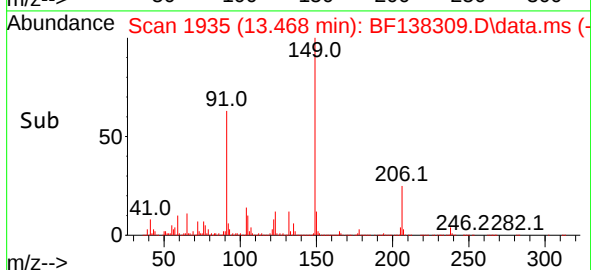
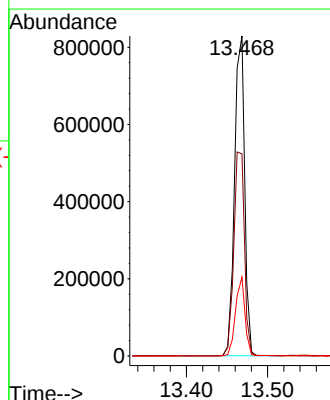
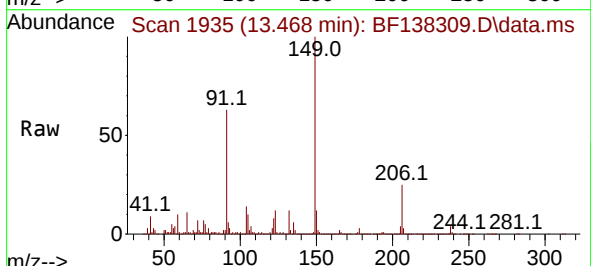
Tgt Ion:149 Resp: 716028

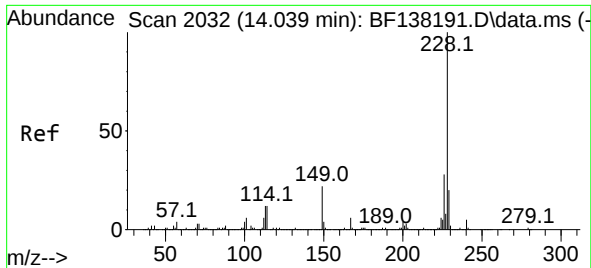
Ion Ratio Lower Upper

149 100

91 63.2 53.2 79.8

206 24.6 18.6 27.8





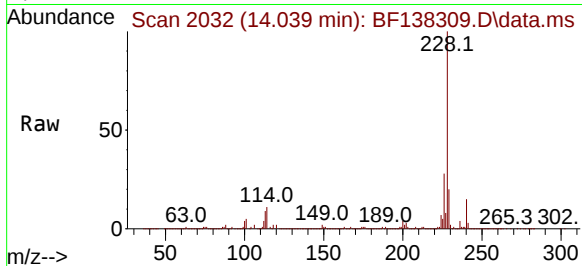
#81
Benzo(a)anthracene
Concen: 46.395 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

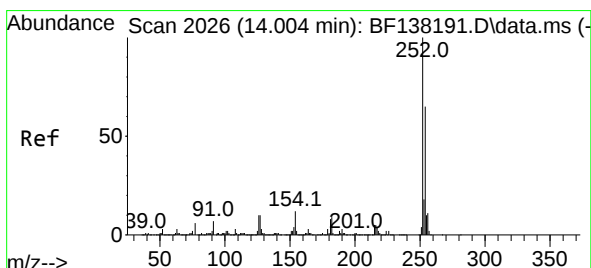
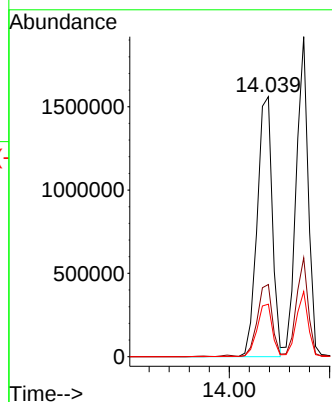
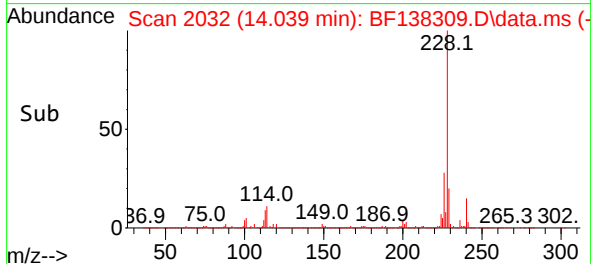


Tgt Ion:228 Resp: 162579
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 20.2 16.3 24.5

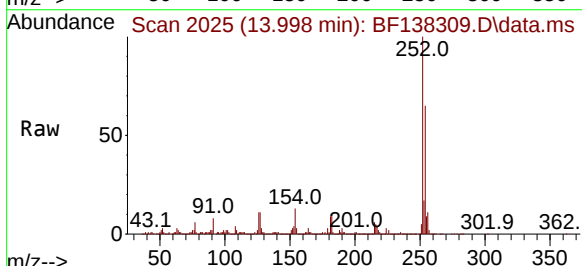
Manual Integrations

APPROVED

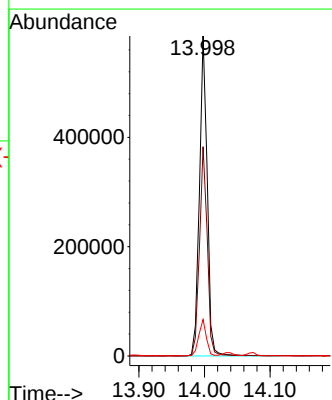
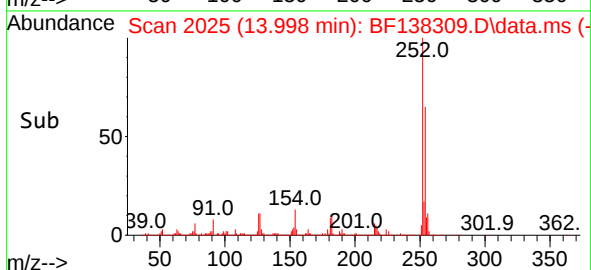
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

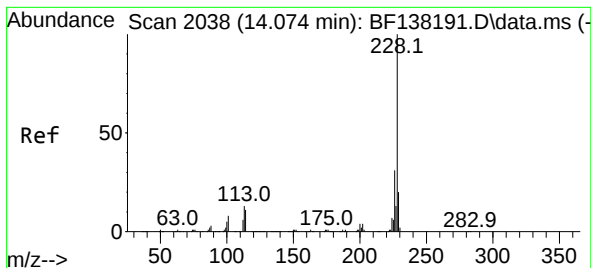


#82
3,3'-Dichlorobenzidine
Concen: 50.371 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42



Tgt Ion:252 Resp: 486075
Ion Ratio Lower Upper
252 100
254 65.4 51.8 77.6
126 11.4 8.3 12.5





#83

Chrysene

Concen: 47.621 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

Tgt Ion:228 Resp: 159061

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

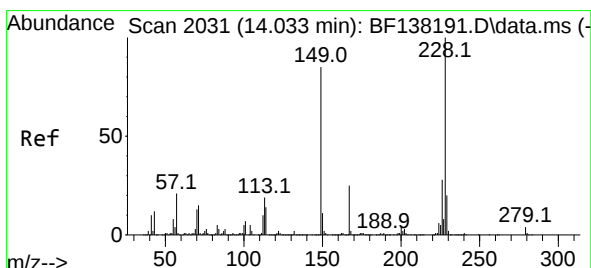
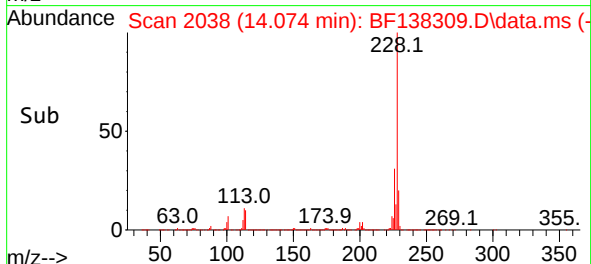
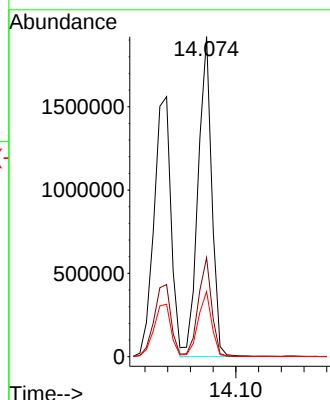
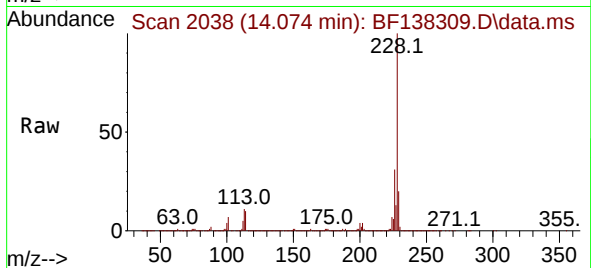
229 20.4 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.861 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138309.D

Acq: 24 Jun 2024 14:42

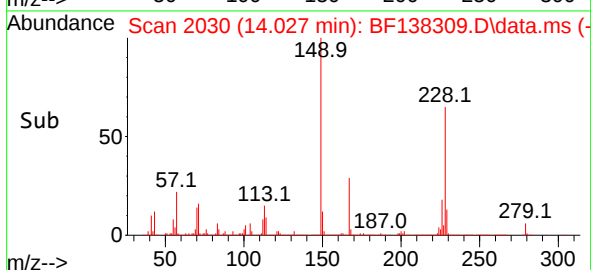
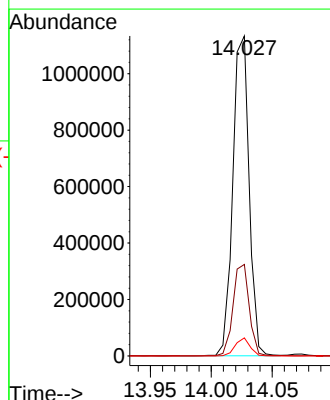
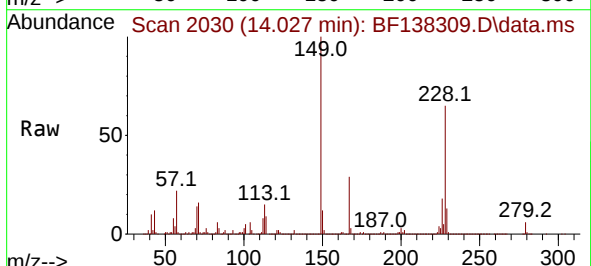
Tgt Ion:149 Resp: 1056192

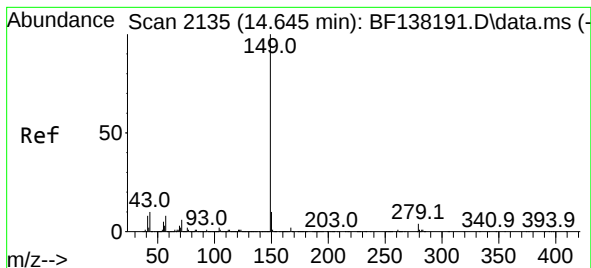
Ion Ratio Lower Upper

149 100

167 28.6 23.5 35.3

279 5.6 4.2 6.2





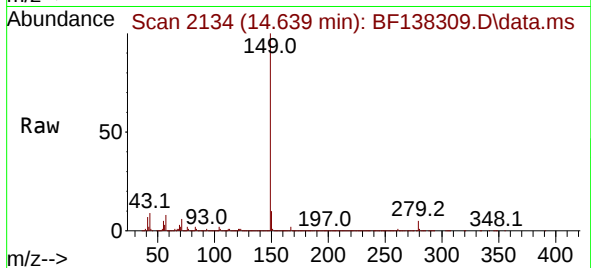
#85
Di-n-octyl phthalate
Concen: 87.019 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS



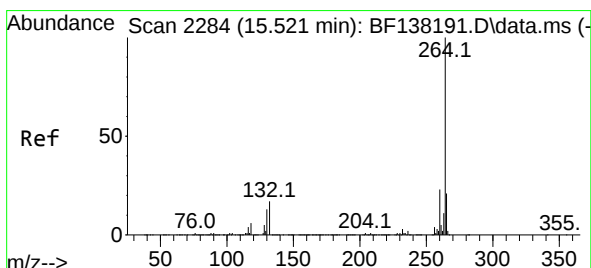
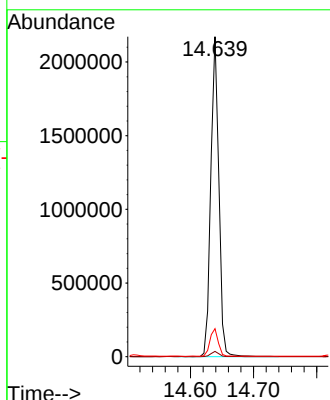
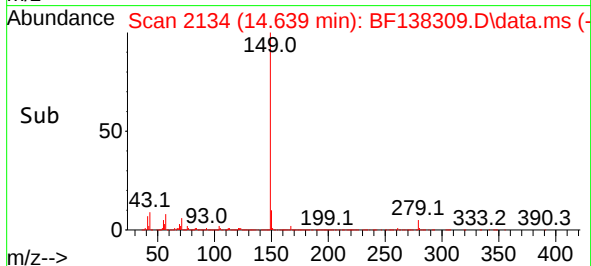
Tgt Ion:149 Resp: 1926850
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.8 11.6

Manual Integrations

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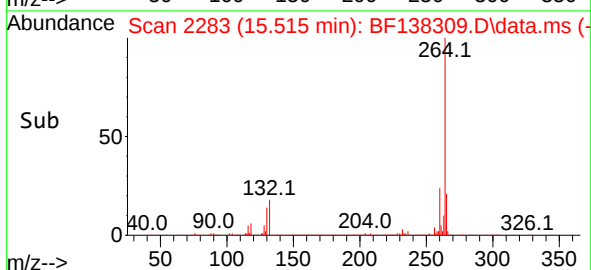
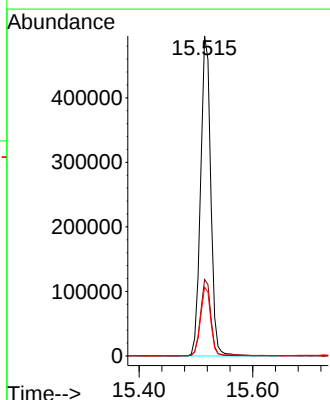
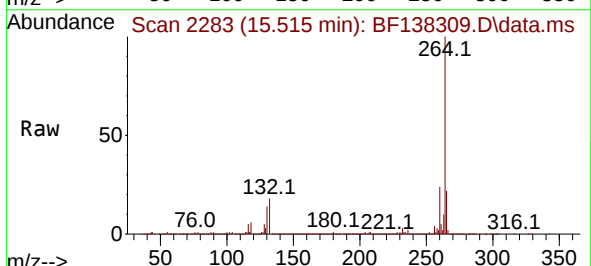
Reviewed By :Yogesh Patel 06/25/2024

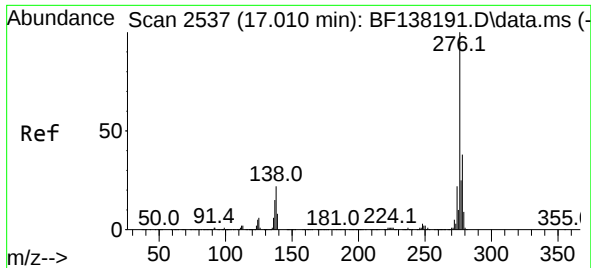
Supervised By :mohammad ahmed 06/26/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:264 Resp: 615674
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.5 17.0 25.6





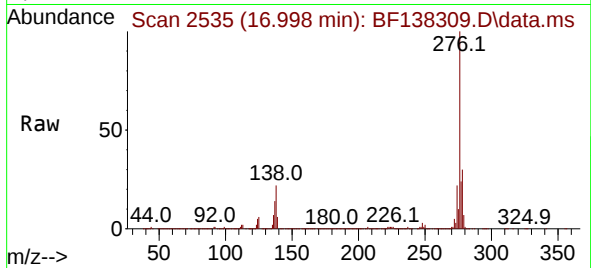
#87
Indeno(1,2,3-cd)pyrene
Concen: 32.631 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS



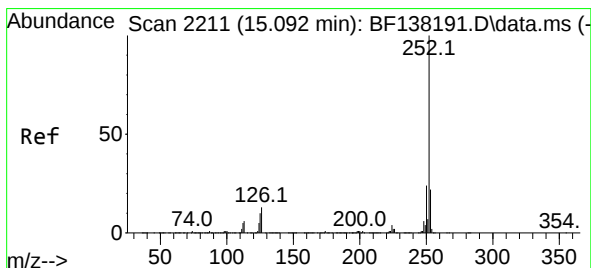
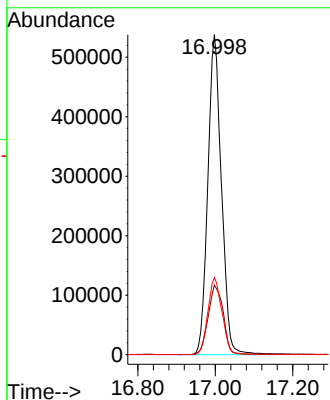
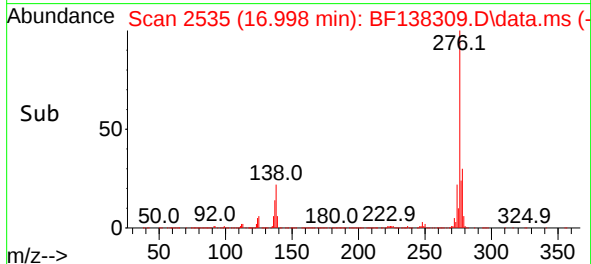
Tgt Ion:276 Resp: 1309679
Ion Ratio Lower Upper
276 100
138 23.9 19.3 28.9
277 25.2 20.2 30.2

Manual Integrations

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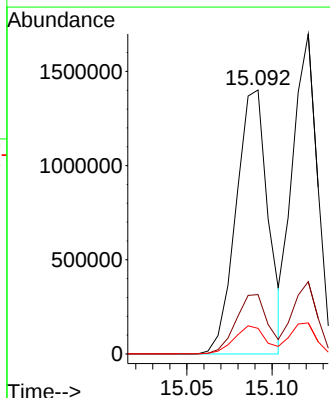
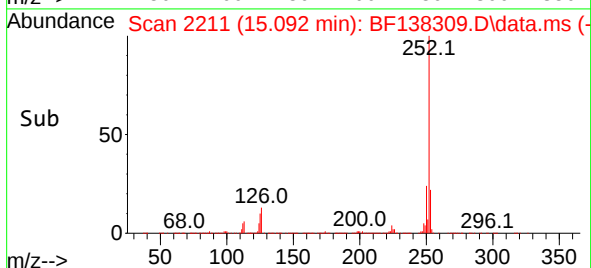
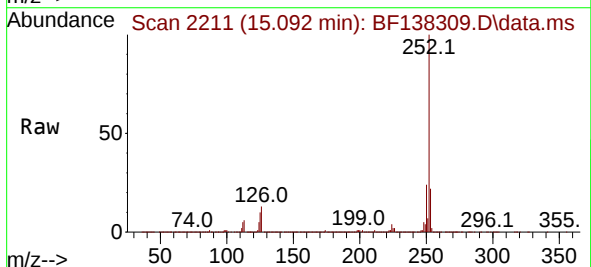
Reviewed By :Yogesh Patel 06/25/2024

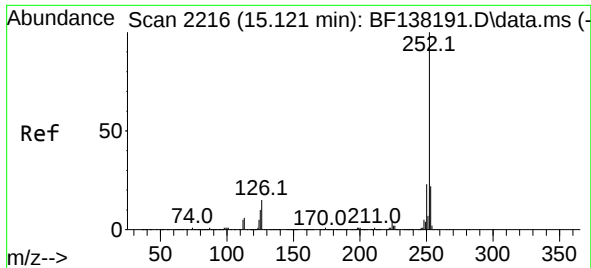
Supervised By :mohammad ahmed 06/26/2024



#88
Benzo(b)fluoranthene
Concen: 50.577 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:252 Resp: 1836287
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 9.7 7.8 11.8





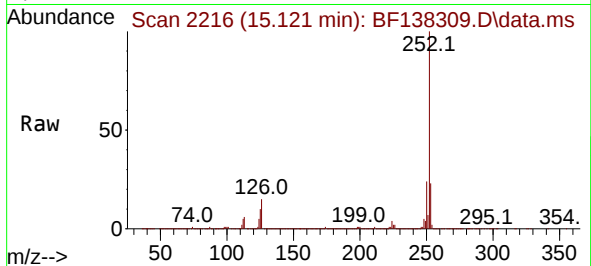
#89
Benzo(k)fluoranthene
Concen: 48.426 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMS

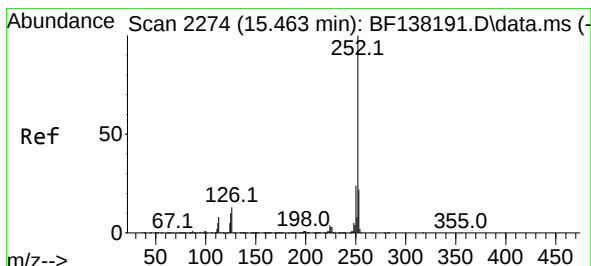
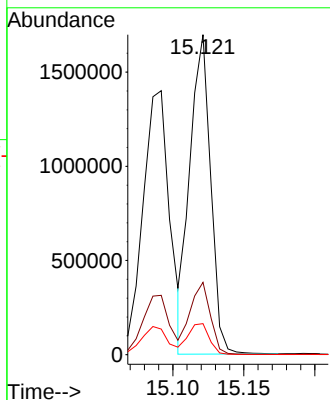
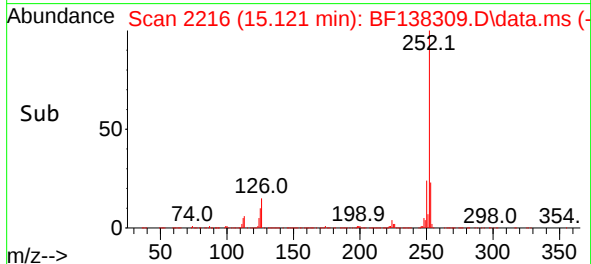


Tgt Ion:252 Resp: 172309
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.7 8.0 12.0

Manual Integrations

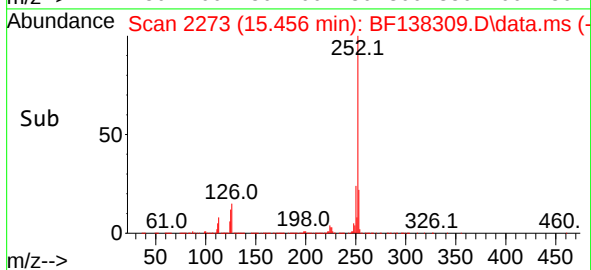
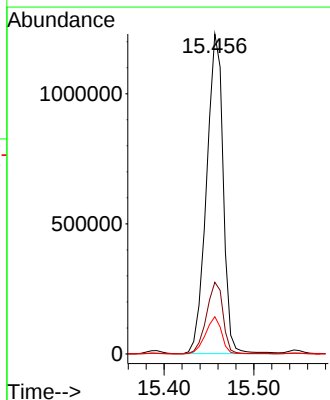
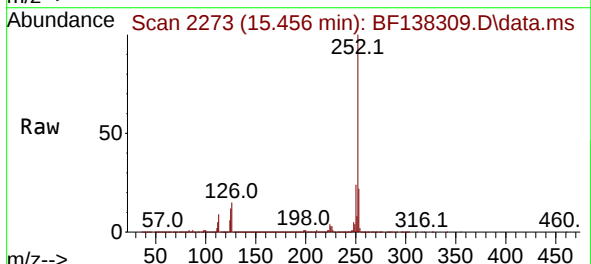
APPROVED

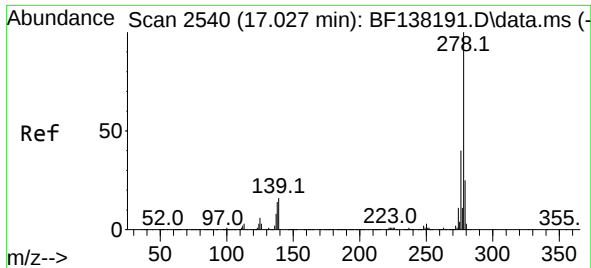
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#90
Benzo(a)pyrene
Concen: 50.708 ng
RT: 15.456 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:252 Resp: 1581659
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.6 8.2 12.2





#91
Dibenzo(a,h)anthracene
Concen: 32.535 ng
RT: 17.021 min Scan# 2539
Delta R.T. -0.006 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Instrument :

BNA_F

ClientSampleId :

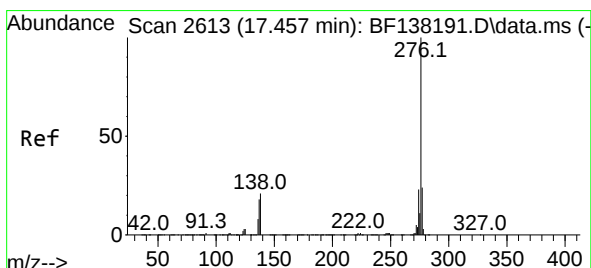
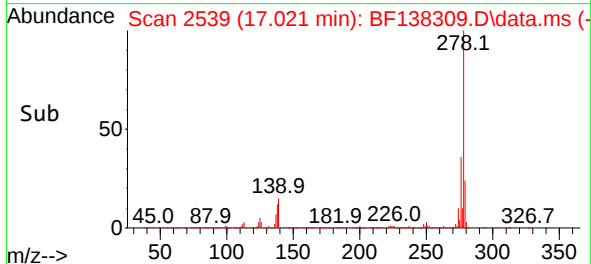
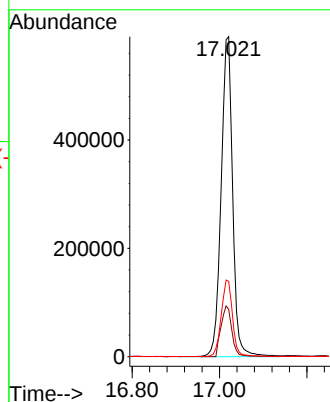
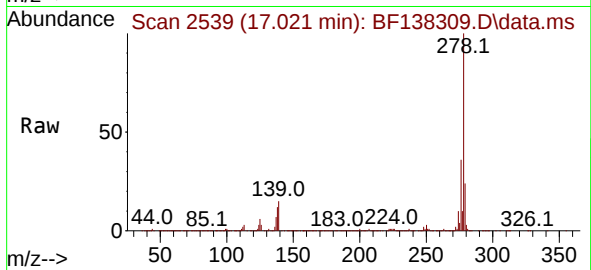
WCS-TPLMS

Tgt Ion:278 Resp: 1071820
Ion Ratio Lower Upper
278 100
139 14.8 12.9 19.3
279 23.5 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#92
Benzo(g,h,i)perylene
Concen: 27.438 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.012 min
Lab File: BF138309.D
Acq: 24 Jun 2024 14:42

Tgt Ion:276 Resp: 935096
Ion Ratio Lower Upper
276 100
277 24.2 19.5 29.3
138 20.8 16.6 24.8

